14.0 NOTAS DE SERVIÇOS E QUADROS DE VOLUMES

Rua Acésio do Rêgo Monteiro, nº 1515
Ed. Antonio Portela Barbosa
Bairro Ininga • CEP: 64052-860
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14.1 TRECHO I

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Nota de Serviço Tabela

MUNICÍPIO DE JUREMA A DIVISA COM ESTADO DA BAHIA 0+0.000 1173+0.000

Lado Esquerdo						Eixo				Lado Direito					
Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)	Estaca	Cota Projeto	Cota Terreno	Cota Vermelha	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)
-4.221	451.129	66.67	-4.000	450.982	-2.00	0+0.000	451.062	451.062	0.000	4.000	450.982	-2.00	4.024	450.998	66.67
-4.184	450.009	-150.00	-4.000	450.285	-2.00	1+0.000	450.365	449.954	0.411	4.000	450.285	-2.00	4.266	449.886	-150.00
-4.242	449.101	-150.00	-4.000	449.465	-2.00	2+0.000	449.545	449.062	0.483	4.000	449.465	-2.00	4.297	449.019	-150.00
-4.222	448.343	-150.00	-4.000	448.677	-2.00	3+0.000	448.757	448.292	0.465	4.000	448.677	-2.00	4.291	448.240	-150.00
-4.227	447.675	-150.00	-4.000	448.015	-2.00	4+0.000	448.095	447.626	0.468	4.000	448.015	-2.00	4.291	447.578	-150.00
-4.192	447.146	-150.00	-4.000	447.435	-2.00	5+0.000	447.515	447.071	0.443	4.000	447.435	-2.00	4.283	447.010	-150.00
-4.178	446.863	-150.00	-4.000	447.131	-2.00	6+0.000	447.211	446.790	0.421	4.000	447.131	-2.00	4.277	446.715	-150.00
-4.140	446.675	-150.00	-4.000	446.885	-2.00	7+0.000	446.965	446.569	0.395	4.000	446.885	-2.00	4.268	446.483	-150.00
-4.094	446.784	-150.00	-4.000	446.925	-2.00	8+0.000	447.005	446.694	0.310	4.000	446.925	-2.00	4.286	446.495	-150.00
-4.084	447.090	-150.00	-4.000	447.215	-2.00	9+0.000	447.295	446.898	0.398	4.000	447.215	-2.00	4.348	446.694	-150.00
-4.036	447.843	-150.00	-4.000	447.897	-2.00	10+0.000	447.977	447.668	0.309	4.000	447.897	-2.00	4.322	447.414	-150.00
			-4.000	448.303	-2.00	11+0.000	448.383	448.012	0.370	4.000	448.303	-2.00	4.404	447.697	-150.00
-4.079	448.513	66.67	-4.000	448.460	-2.00	12+0.000	448.540	448.204	0.335	4.000	448.460	-2.00	4.385	447.883	-150.00
-4.009	448.603	-150.00	-4.000	448.617	-2.00	13+0.000	448.697	448.342	0.355	4.000	448.617	-2.00	4.374	448.056	-150.00
-4.023	448.740	-150.00	-4.000	448.774	-2.00	14+0.000	448.854	448.469	0.386	4.000	448.774	-2.00	4.402	448.172	-150.00
-4.013	448.919	-150.00	-4.000	448.939	-2.00	15+0.000	449.019	448.650	0.368	4.000	448.939	-2.00	4.388	448.356	-150.00
-4.056	449.202	-150.00	-4.000	449.286	-2.00	16+0.000	449.366	448.958	0.408	4.000	449.286	-2.00	4.358	448.750	-150.00
-4.076	449.531	-150.00	-4.000	449.645	-2.00	17+0.000	449.725	449.318	0.407	4.000	449.645	-2.00	4.330	449.149	-150.00
-4.094	449.862	-150.00	-4.000	450.004	-2.00	18+0.000	450.084	449.666	0.418	4.000	450.004	-2.00	4.361	449.463	-150.00
-4.044	450.297	-150.00	-4.000	450.362	-2.00	19+0.000	450.442	450.098	0.345	4.000	450.362	-2.00	4.318	449.886	-150.00
-4.030	450.676	-150.00	-4.000	450.721	-2.00	20+0.000	450.801	450.470	0.331	4.000	450.721	-2.00	4.315	450.249	-150.00
-4.038	451.026	-150.00	-4.000	451.083	-2.00	21+0.000	451.163	450.810	0.353	4.000	451.083	-2.00	4.327	450.592	-150.00
-4.032	451.499	-150.00	-4.000	451.547	-2.00	22+0.000	451.627	451.279	0.348	4.000	451.547	-2.00	4.336	451.043	-150.00
			-4.000	451.902	-2.00	23+0.000	451.982	451.664	0.318	4.000	451.902	-2.00	4.320	451.422	-150.00
-4.021	452.217	66.67	-4.000	452.203	-2.00	24+0.000	452.283	451.988	0.295	4.000	452.203	-2.00	4.307	451.742	-150.00
-4.023	452.469	-150.00	-4.000	452.504	-2.00	25+0.000	452.584	452.193	0.391	4.000	452.504	-2.00	4.397	451.909	-150.00
-4.095	452.879	66.67	-4.000	452.816	-2.00	26+0.000	452.896	452.609	0.288	4.000	452.816	-2.00	4.329	452.322	-150.00
-4.265	453.329	66.67	-4.000	453.153	-2.00	27+0.000	453.233	453.072	0.161	4.000	453.153	-2.00	4.205	452.845	-150.00
-4.548	453.856	66.67	-4.000	453.491	-2.00	28+0.000	453.571	453.622	-0.051	4.000	453.491	-2.00	4.052	453.413	-150.00
-4.499	454.162	66.67	-4.000	453.829	-2.00	29+0.000	453.909	453.921	-0.012	4.000	453.829	-2.00	4.084	453.703	-150.00
-4.362	454.409	66.67	-4.000	454.168	-2.00	30+0.000	454.248	454.179	0.069	4.000	454.168	-2.00	4.139	453.960	-150.00
-4.066	454.550	66.67	-4.000	454.506	-2.00	31+0.000	454.586	454.366	0.220	4.000	454.506	-2.00	4.221	454.175	-150.00
-4.062	454.751	-150.00	-4.000	454.844	-2.00	32+0.000	454.924	454.569	0.355	4.000	454.844	-2.00	4.312	454.376	-150.00
-4.025	455.145	-150.00	-4.000	455.183	-2.00	33+0.000	455.263	454.910	0.353	4.000	455.183	-2.00	4.352	454.655	-150.00
-4.030	455.597	-150.00	-4.000	455.642	-2.00	34+0.000	455.722	455.378	0.344	4.000	455.642	-2.00	4.336	455.138	-150.00
-4.044	455.827	-150.00	-4.000	455.893	-2.00	35+0.000	455.973	455.639	0.333	4.000	455.893	-2.00	4.302	455.440	-150.00
			-4.000	456.457	-2.00	36+0.000	456.537	456.250	0.287	4.000	456.457	-2.00	4.282	456.035	-150.00
-4.075	457.072	66.67	-4.000	457.022	-2.00	37+0.000	457.102	456.850	0.252	4.000	457.022	-2.00	4.270	456.617	-150.00
-4.163	457.695	66.67	-4.000	457.586	-2.00	38+0.000	457.666	457.463	0.204	4.000	457.586	-2.00	4.240	457.227	-150.00
			-4.000	458.151	-2.00	39+0.000	458.231	457.903	0.328	4.000	458.151	-2.00	4.341	457.639	-150.00
-4.041	458.351	-150.00	-4.000	458.412	-2.00	40+0.000	458.492	458.086	0.405	4.000	458.412	-2.00	4.399	457.813	-150.00
-4.028	458.319	-150.00	-4.000	458.360	-2.00	41+0.000	458.440	458.034	0.406	4.000	458.360	-2.00	4.403	457.757	-150.00
-4.035	458.019	-150.00	-4.000	458.070	-2.00	42+0.000	458.150	457.702	0.448	4.000	458.070	-2.00	4.431	457.424	-150.00
-4.042	457.547	-150.00	-4.000	457.610	-2.00	43+0.000	457.690	457.223	0.468	4.000	457.610	-2.00	4.448	456.938	-150.00
-4.021	456.951	-150.00	-4.000	456.982	-2.00	44+0.000	457.062	456.616	0.445	4.000	456.982	-2.00	4.452	456.303	-150.00
-4.101	456.531	-150.00	-4.000	456.682	-2.00	45+0.000	456.762	456.191	0.570	4.000	456.682	-2.00	4.580	455.812	-150.00
-4.278	456.075	-150.00	-4.000	456.493	-2.00	46+0.000	456.573	455.765	0.808	4.000	456.493	-2.00	4.713	455.423	-150.00
-4.373	455.745	-150.00	-4.000	456.304	-2.00	47+0.000	456.384	455.455	0.929	4.000	456.304	-2.00	4.777	455.138	-150.00
-4.227	455.774	-150.00	-4.000	456.114	-2.00	48+0.000	456.194	455.524	0.671	4.000	456.114	-2.00	4.583	455.240	-150.00
-4.190	456.099	-150.00	-4.000	456.385	-2.00	49+0.000	456.465	455.883	0.581	4.000	456.385	-2.00	4.488	455.652	-150.00
-4.014	457.200	66.67	-4.000	457.190	-2.00	50+0.000	457.270	456.985	0.285	4.000	457.190	-2.00	4.290	456.755	-150.00
-4.108	458.514	66.67	-4.000	458.442	-2.00	51+0.000	458.522	458.279	0.243	4.000	458.442	-2.00	4.272	458.035	-150.00
-4.251	459.955	66.67	-4.000	459.788	-2.00	52+0.000	459.868	459.686	0.182	4.000	459.788	-2.00	4.242	459.424	-150.00
-4.773	461.555	66.67	-4.000	461.040	-2.00	53+0.000	461.120	461.213	-0.094	4.000	461.040	-2.00	4.079	460.922	-150.00
-4.427	462.576	66.67	-4.000	462.292	-2.00	54+0.000	462.372	462.269	0.103	4.000	462.292	-2.00	4.210	461.977	-150.00
-4.017	463.363	66.67	-4.000	463.351	-2.00	55+0.000	463.431	463.101	0.330	4.000	463.351	-2.00	4.356	462.818	-150.00
-4.309	463.757	66.67	-4.000	463.551	-2.00	56+0.000	463.631	463.477	0.154	4.000	463.551	-2.00	4.230	463.207	-150.00
-4.499	463.853	66.67	-4.000	463.520	-2.00	57+0.000	463.600	463.599	0.001	4.000	463.520	-2.00	4.118	463.344	-150.00
-4.320	463.703	66.67	-4.000	463.489	-2.00	58+0.000	463.569	463.504	0.065	4.000	463.489	-2.00	4.147	463.269	-150.00
-4.027	463.417	-150.00	-4.000	463.458	-2.00	59+0.000	463.538	463.186	0.353	4.000	463.458	-2.00	4.349	462.935	-150.00

Osvaldo Ledário [illegible]
Diretor de Urbanismo, [illegible]
Projetos e Obras [illegible]
Secretaria [illegible]

-4.064	463.339	66.67	-4.000	463.296	-2.00	60+0.000	463.376	463.061	0.315	4.000	463.296	-2.00	4.355	462.764	-150.00
-4.119	463.154	66.67	-4.000	463.075	-2.00	61+0.000	463.155	462.900	0.255	4.000	463.075	-2.00	4.304	462.618	-150.00
-4.132	462.941	66.67	-4.000	462.853	-2.00	62+0.000	462.933	462.622	0.311	4.000	462.853	-2.00	4.380	462.283	-150.00
-4.007	462.710	66.67	-4.000	462.705	-2.00	63+0.000	462.785	462.389	0.395	4.000	462.705	-2.00	4.447	462.034	-150.00
-4.016	462.492	-150.00	-4.000	462.516	-2.00	64+0.000	462.596	462.143	0.452	4.000	462.516	-2.00	4.530	461.721	-150.00
-4.018	461.909	-150.00	-4.000	461.936	-2.00	65+0.000	462.016	461.546	0.470	4.000	461.936	-2.00	4.546	461.117	-150.00
-4.056	461.400	66.67	-4.000	461.362	-2.00	66+0.000	461.442	461.029	0.414	4.000	461.362	-2.00	4.496	460.619	-150.00
-4.021	461.083	-150.00	-4.000	461.114	-2.00	67+0.000	461.194	460.712	0.482	4.000	461.114	-2.00	4.548	460.292	-150.00
-4.028	460.885	66.67	-4.000	460.866	-2.00	68+0.000	460.946	460.530	0.416	4.000	460.866	-2.00	4.488	460.134	-150.00
-4.038	460.892	-150.00	-4.000	460.949	-2.00	69+0.000	461.029	460.540	0.489	4.000	460.949	-2.00	4.537	460.144	-150.00
-4.026	461.452	-150.00	-4.000	461.491	-2.00	70+0.000	461.571	461.116	0.455	4.000	461.491	-2.00	4.501	460.740	-150.00
-4.011	462.070	66.67	-4.000	462.063	-2.00	71+0.000	462.143	461.737	0.405	4.000	462.063	-2.00	4.464	461.367	-150.00
-4.008	462.622	-150.00	-4.000	462.634	-2.00	72+0.000	462.714	462.327	0.387	4.000	462.634	-2.00	4.421	462.003	-150.00
-4.079	462.973	-150.00	-4.000	463.092	-2.00	73+0.000	463.172	462.764	0.408	4.000	463.092	-2.00	4.368	462.541	-150.00
-4.101	463.043	-150.00	-4.000	463.195	-2.00	74+0.000	463.275	462.833	0.442	4.000	463.195	-2.00	4.362	462.653	-150.00
-4.137	463.032	-150.00	-4.000	463.236	-2.00	75+0.000	463.316	462.888	0.428	4.000	463.236	-2.00	4.351	462.710	-150.00
-4.126	462.814	-150.00	-4.000	463.004	-2.00	76+0.000	463.084	462.731	0.353	4.000	463.004	-2.00	4.237	462.648	-150.00
-4.141	463.007	-150.00	-4.000	463.218	-2.00	77+0.000	463.298	462.934	0.364	4.000	463.218	-2.00	4.237	462.861	-150.00
-4.146	463.314	-150.00	-4.000	463.533	-2.00	78+0.000	463.613	463.278	0.335	4.000	463.533	-2.00	4.194	463.242	-150.00
-4.158	463.761	-150.00	-4.000	463.998	-2.00	79+0.000	464.078	463.736	0.342	4.000	463.998	-2.00	4.191	463.711	-150.00
-4.161	464.376	-150.00	-4.000	464.618	-2.00	80+0.000	464.698	464.374	0.323	4.000	464.618	-2.00	4.164	464.372	-150.00
-4.162	465.063	-150.00	-4.000	465.306	-2.00	81+0.000	465.386	465.062	0.324	4.000	465.306	-2.00	4.159	465.066	-150.00
-4.141	465.934	-150.00	-4.000	466.146	-2.00	82+0.000	466.226	465.928	0.298	4.000	466.146	-2.00	4.149	465.923	-150.00
-4.137	466.838	-150.00	-4.000	467.043	-2.00	83+0.000	467.123	466.813	0.309	4.000	467.043	-2.00	4.169	466.789	-150.00
-4.154	467.651	-150.00	-4.000	467.882	-2.00	84+0.000	467.962	467.639	0.323	4.000	467.882	-2.00	4.170	467.627	-150.00
-4.179	468.267	-150.00	-4.000	468.536	-2.00	85+0.000	468.616	468.259	0.356	4.000	468.536	-2.00	4.190	468.251	-150.00
-4.175	468.689	-150.00	-4.000	468.952	-2.00	86+0.000	469.032	468.676	0.356	4.000	468.952	-2.00	4.200	468.652	-150.00
-4.229	468.623	-150.00	-4.000	468.967	-2.00	87+0.000	469.047	468.623	0.425	4.000	468.967	-2.00	4.238	468.610	-150.00
-4.241	468.420	-150.00	-4.000	468.781	-2.00	88+0.000	468.861	468.427	0.433	4.000	468.781	-2.00	4.234	468.429	-150.00
-4.248	468.068	-150.00	-4.000	468.439	-2.00	89+0.000	468.519	468.081	0.438	4.000	468.439	-2.00	4.229	468.095	-150.00
-4.238	467.663	-150.00	-4.000	468.021	-2.00	90+0.000	468.101	467.671	0.430	4.000	468.021	-2.00	4.230	467.676	-150.00
-4.256	467.202	-150.00	-4.000	467.586	-2.00	91+0.000	467.666	467.215	0.451	4.000	467.586	-2.00	4.239	467.227	-150.00
-4.251	466.774	-150.00	-4.000	467.150	-2.00	92+0.000	467.230	466.784	0.447	4.000	467.150	-2.00	4.238	466.793	-150.00
-4.262	466.231	-150.00	-4.000	466.624	-2.00	93+0.000	466.704	466.237	0.467	4.000	466.624	-2.00	4.253	466.245	-150.00
-4.239	465.643	-150.00	-4.000	466.000	-2.00	94+0.000	466.080	465.615	0.465	4.000	466.000	-2.00	4.268	465.598	-150.00
-4.046	464.936	-150.00	-4.000	465.005	-2.00	95+0.000	465.085	464.907	0.178	4.000	465.005	-2.00	4.085	464.877	-150.00
-4.015	463.987	-150.00	-4.000	464.009	-2.00	96+0.000	464.089	463.925	0.165	4.000	464.009	-2.00	4.099	463.861	-150.00
-4.071	462.908	-150.00	-4.000	463.014	-2.00	97+0.000	463.094	462.814	0.280	4.000	463.014	-2.00	4.200	462.714	-150.00
-4.176	461.754	-150.00	-4.000	462.018	-2.00	98+0.000	462.098	461.607	0.491	4.000	462.018	-2.00	4.377	461.453	-150.00
-4.201	460.622	-150.00	-4.000	460.924	-2.00	99+0.000	461.004	460.452	0.552	4.000	460.924	-2.00	4.427	460.284	-150.00
-4.126	459.345	-150.00	-4.000	459.534	-2.00	100+0.000	459.614	459.092	0.522	4.000	459.534	-2.00	4.443	458.870	-150.00
-4.136	458.216	-150.00	-4.000	458.420	-2.00	101+0.000	458.500	457.977	0.522	4.000	458.420	-2.00	4.467	457.720	-150.00
-4.307	457.174	-150.00	-4.000	457.634	-2.00	102+0.000	457.714	456.936	0.778	4.000	457.634	-2.00	4.637	456.679	-150.00
-4.609	456.263	-150.00	-4.000	457.177	-2.00	103+0.000	457.257	456.023	1.234	4.000	457.177	-2.00	4.929	455.784	-150.00
-4.907	455.526	-150.00	-4.000	456.887	-2.00	104+0.000	456.967	455.310	1.657	4.000	456.887	-2.00	5.204	455.081	-150.00
-5.014	455.076	-150.00	-4.000	456.597	-2.00	105+0.000	456.677	454.750	1.926	4.000	456.597	-2.00	5.399	454.498	-150.00
-4.865	455.009	-150.00	-4.000	456.306	-2.00	106+0.000	456.386	454.723	1.664	4.000	456.306	-2.00	5.261	454.415	-150.00
-4.727	454.926	-150.00	-4.000	456.016	-2.00	107+0.000	456.096	454.672	1.424	4.000	456.016	-2.00	5.059	454.428	-150.00
-4.533	454.927	-150.00	-4.000	455.726	-2.00	108+0.000	455.806	454.747	1.059	4.000	455.726	-2.00	4.779	454.557	-150.00
-4.297	454.990	-150.00	-4.000	455.436	-2.00	109+0.000	455.516	454.854	0.661	4.000	455.436	-2.00	4.482	454.713	-150.00
-4.157	454.910	-150.00	-4.000	455.146	-2.00	110+0.000	455.226	454.777	0.449	4.000	455.146	-2.00	4.340	454.636	-150.00
-4.099	454.749	-150.00	-4.000	454.898	-2.00	111+0.000	454.978	454.591	0.387	4.000	454.898	-2.00	4.316	454.424	-150.00
-4.082	454.553	-150.00	-4.000	454.676	-2.00	112+0.000	454.756	454.370	0.386	4.000	454.676	-2.00	4.314	454.205	-150.00
-4.116	454.256	-150.00	-4.000	454.429	-2.00	113+0.000	454.509	454.133	0.376	4.000	454.429	-2.00	4.277	454.013	-150.00
-4.128	453.967	-150.00	-4.000	454.158	-2.00	114+0.000	454.238	453.777	0.461	4.000	454.158	-2.00	4.355	453.626	-150.00
-4.137	453.682	-150.00	-4.000	453.888	-2.00	115+0.000	453.968	453.486	0.481	4.000	453.888	-2.00	4.414	453.266	-150.00
-4.238	453.260	-150.00	-4.000	453.617	-2.00	116+0.000	453.697	453.049	0.648	4.000	453.617	-2.00	4.527	452.827	-150.00
-4.315	452.873	-150.00	-4.000	453.346	-2.00	117+0.000	453.426	452.656	0.770	4.000	453.346	-2.00	4.600	452.447	-150.00
-4.268	452.674	-150.00	-4.000	453.076	-2.00	118+0.000	453.156	452.430	0.726	4.000	453.076	-2.00	4.609	452.163	-150.00
-4.158	452.569	-150.00	-4.000	452.805	-2.00	119+0.000	452.885	452.376	0.509	4.000	452.805	-2.00	4.423	452.171	-150.00
-4.133	452.244	-150.00	-4.000	452.444	-2.00	120+0.000	452.524	452.099	0.425	4.000	452.444	-2.00	4.320	451.964	-150.00
-4.107	452.393	-150.00	-4.000	452.553	-2.00	121+0.000	452.633	452.278	0.355	4.000	452.553	-2.00	4.251	452.178	-150.00
-4.097	452.693	-150.00	-4.000	452.839	-2.00	122+0.000	452.919	452.564	0.355	4.000	452.839	-2.00	4.272	452.430	-150.00
-4.208	452.888	-150.00	-4.000	453.200	-2.00	123+0.000	453.280	452.828	0.452	4.000	453.200	-2.00	4.288	452.767	-150.00
-4.329	452.840	-150.00	-4.000	453.334	-2.00	124+0.000	453.414	452.808	0.605	4.000	453.334	-2.00	4.361	452.792	-150.00
-4.329	452.974	-150.00	-4.000	453.468	-2.00	125+0.000	453.548	453.011	0.537	4.000	453.468	-2.00	4.280	453.047	-150.00
-4.247	453.231	-150.00	-4.000	453.602	-2.00	126+0.000	453.682	453.257	0.425	4.000	453.602	-2.00	4.205	453.294	-150.00

Conforme o Termo de Sol
Diretoria de Projetos
Projetos Ferro
Secretaria de Estado

-4.324	453.304	-150.00	-4.000	453.790	-2.00	127+0.000	453.870	453.365	0.505	4.000	453.790	-2.00	4.284	453.364	-150.00
-4.500	453.264	-150.00	-4.000	454.015	-2.00	128+0.000	454.095	453.264	0.831	4.000	454.015	-2.00	4.501	453.263	-150.00
-4.457	453.553	-150.00	-4.000	454.240	-2.00	129+0.000	454.320	453.654	0.666	4.000	454.240	-2.00	4.325	453.752	-150.00
-4.424	453.828	-150.00	-4.000	454.464	-2.00	130+0.000	454.544	453.960	0.584	4.000	454.464	-2.00	4.246	454.095	-150.00
-4.327	454.199	-150.00	-4.000	454.689	-2.00	131+0.000	454.769	454.320	0.449	4.000	454.689	-2.00	4.168	454.438	-150.00
-4.262	454.497	-150.00	-4.000	454.890	-2.00	132+0.000	454.970	454.603	0.367	4.000	454.890	-2.00	4.086	454.761	-150.00
-4.302	454.783	-150.00	-4.000	455.236	-2.00	133+0.000	455.316	454.952	0.365	4.000	455.236	-2.00	4.083	455.112	-150.00
-4.309	454.784	-150.00	-4.000	455.247	-2.00	134+0.000	455.327	454.928	0.399	4.000	455.247	-2.00	4.108	455.085	-150.00
-4.294	454.724	-150.00	-4.000	455.165	-2.00	135+0.000	455.245	454.935	0.310	4.000	455.165	-2.00	4.006	455.155	-150.00
-4.284	454.658	-150.00	-4.000	455.083	-2.00	136+0.000	455.163	454.775	0.388	4.000	455.083	-2.00	4.114	454.913	-150.00
-4.254	454.631	-150.00	-4.000	455.012	-2.00	137+0.000	455.092	454.758	0.334	4.000	455.012	-2.00	4.088	454.880	-150.00
-4.354	454.411	-150.00	-4.000	454.942	-2.00	138+0.000	455.022	454.573	0.449	4.000	454.942	-2.00	4.110	454.778	-150.00
-4.319	454.505	-150.00	-4.000	454.984	-2.00	139+0.000	455.064	454.689	0.375	4.000	454.984	-2.00	4.053	454.904	-150.00
-4.221	454.929	-150.00	-4.000	455.260	-2.00	140+0.000	455.340	455.034	0.306	4.000	455.260	-2.00	4.061	455.169	-150.00
-4.148	455.549	-150.00	-4.000	455.771	-2.00	141+0.000	455.851	455.703	0.148	4.000	455.771	-2.00	4.184	455.894	66.67
-4.201	456.215	-150.00	-4.000	456.517	-2.00	142+0.000	456.597	456.414	0.182	4.000	456.517	-2.00	4.169	456.630	66.67
-4.252	456.986	-150.00	-4.000	457.364	-2.00	143+0.000	457.444	457.142	0.302	4.000	457.364	-2.00	4.049	457.290	-150.00
-4.255	457.875	-150.00	-4.000	458.257	-2.00	144+0.000	458.337	458.039	0.298	4.000	458.257	-2.00	4.040	458.198	-150.00
-4.245	458.884	-150.00	-4.000	459.252	-2.00	145+0.000	459.332	459.041	0.292	4.000	459.252	-2.00	4.043	459.189	-150.00
-4.266	459.859	-150.00	-4.000	460.258	-2.00	146+0.000	460.338	460.045	0.293	4.000	460.258	-2.00	4.033	460.208	-150.00
-4.279	460.769	-150.00	-4.000	461.187	-2.00	147+0.000	461.267	460.967	0.300	4.000	461.187	-2.00	4.032	461.138	-150.00
-4.284	461.615	-150.00	-4.000	462.041	-2.00	148+0.000	462.121	461.821	0.301	4.000	462.041	-2.00	4.019	462.013	-150.00
-4.317	462.284	-150.00	-4.000	462.760	-2.00	149+0.000	462.840	462.500	0.340	4.000	462.760	-2.00	4.038	462.703	-150.00
-4.371	462.661	-150.00	-4.000	463.217	-2.00	150+0.000	463.297	462.928	0.369	4.000	463.217	-2.00	4.029	463.174	-150.00
-4.390	462.880	-150.00	-4.000	463.465	-2.00	151+0.000	463.545	463.147	0.399	4.000	463.465	-2.00	4.048	463.393	-150.00
-4.395	462.861	-150.00	-4.000	463.454	-2.00	152+0.000	463.534	463.130	0.403	4.000	463.454	-2.00	4.050	463.379	-150.00
-4.358	462.796	-150.00	-4.000	463.333	-2.00	153+0.000	463.413	463.053	0.360	4.000	463.333	-2.00	4.032	463.285	-150.00
-4.425	462.458	-150.00	-4.000	463.096	-2.00	154+0.000	463.176	462.761	0.414	4.000	463.096	-2.00	4.039	463.038	-150.00
-4.428	462.295	-150.00	-4.000	462.937	-2.00	155+0.000	463.017	462.602	0.415	4.000	462.937	-2.00	4.037	462.881	-150.00
-4.480	461.730	-150.00	-4.000	462.450	-2.00	156+0.000	462.530	462.055	0.475	4.000	462.450	-2.00	4.067	462.350	-150.00
-4.456	461.230	-150.00	-4.000	461.915	-2.00	157+0.000	461.995	461.567	0.428	4.000	461.915	-2.00	4.029	461.871	-150.00
-4.478	460.904	-150.00	-4.000	461.621	-2.00	158+0.000	461.701	461.240	0.461	4.000	461.621	-2.00	4.051	461.544	-150.00
-4.514	460.556	-150.00	-4.000	461.327	-2.00	159+0.000	461.407	460.895	0.512	4.000	461.327	-2.00	4.084	461.201	-150.00
-4.405	460.433	-150.00	-4.000	461.040	-2.00	160+0.000	461.120	460.714	0.406	4.000	461.040	-2.00	4.019	461.011	-150.00
-4.406	460.613	-150.00	-4.000	461.223	-2.00	161+0.000	461.303	460.941	0.362	4.000	461.223	-2.00	4.027	461.241	66.67
-4.321	461.104	-150.00	-4.000	461.585	-2.00	162+0.000	461.665	461.353	0.313	4.000	461.585	-2.00			
-4.318	461.780	-150.00	-4.000	462.257	-2.00	163+0.000	462.337	462.018	0.319	4.000	462.257	-2.00	4.012	462.239	-150.00
-4.264	462.573	-150.00	-4.000	462.968	-2.00	164+0.000	463.048	462.755	0.294	4.000	462.968	-2.00	4.025	462.931	-150.00
-4.273	463.401	-150.00	-4.000	463.811	-2.00	165+0.000	463.891	463.563	0.327	4.000	463.811	-2.00	4.062	463.718	-150.00
-4.272	464.245	-150.00	-4.000	464.654	-2.00	166+0.000	464.734	464.421	0.313	4.000	464.654	-2.00	4.054	464.573	-150.00
-4.278	464.931	-150.00	-4.000	465.349	-2.00	167+0.000	465.429	465.124	0.304	4.000	465.349	-2.00	4.048	465.277	-150.00
-4.224	465.618	-150.00	-4.000	465.954	-2.00	168+0.000	466.034	465.790	0.244	4.000	465.954	-2.00	4.006	465.945	-150.00
-4.293	466.119	-150.00	-4.000	466.559	-2.00	169+0.000	466.639	466.348	0.292	4.000	466.559	-2.00			
-4.368	466.333	-150.00	-4.000	466.885	-2.00	170+0.000	466.965	466.571	0.394	4.000	466.885	-2.00	4.062	466.793	-150.00
-4.443	466.100	-150.00	-4.000	466.764	-2.00	171+0.000	466.844	466.387	0.457	4.000	466.764	-2.00	4.107	466.604	-150.00
-4.435	465.794	-150.00	-4.000	466.446	-2.00	172+0.000	466.526	466.095	0.431	4.000	466.446	-2.00	4.055	466.363	-150.00
-4.406	465.417	-150.00	-4.000	466.026	-2.00	173+0.000	466.106	465.715	0.391	4.000	466.026	-2.00	4.026	465.987	-150.00
-4.391	464.995	-150.00	-4.000	465.581	-2.00	174+0.000	465.661	465.326	0.335	4.000	465.581	-2.00	4.054	465.617	66.67
-4.457	464.450	-150.00	-4.000	465.136	-2.00	175+0.000	465.216	464.807	0.408	4.000	465.136	-2.00	4.009	465.122	-150.00
-4.449	464.401	-150.00	-4.000	465.074	-2.00	176+0.000	465.154	464.792	0.362	4.000	465.074	-2.00	4.121	465.155	66.67
-4.289	465.250	-150.00	-4.000	465.683	-2.00	177+0.000	465.763	465.556	0.207	4.000	465.683	-2.00	4.218	465.829	66.67
-4.224	466.359	-150.00	-4.000	466.696	-2.00	178+0.000	466.776	466.554	0.222	4.000	466.696	-2.00	4.069	466.742	66.67
-4.159	467.883	-150.00	-4.000	468.122	-2.00	179+0.000	468.202	467.978	0.224	4.000	468.122	-2.00	4.005	468.114	-150.00
-4.142	469.555	-150.00	-4.000	469.768	-2.00	180+0.000	469.848	469.614	0.234	4.000	469.768	-2.00	4.064	469.672	-150.00
-4.085	471.287	-150.00	-4.000	471.415	-2.00	181+0.000	471.495	471.305	0.190	4.000	471.415	-2.00	4.062	471.322	-150.00
-4.094	472.826	-150.00	-4.000	472.967	-2.00	182+0.000	473.047	472.796	0.251	4.000	472.967	-2.00	4.149	472.743	-150.00
-4.040	474.141	-150.00	-4.000	474.202	-2.00	183+0.000	474.282	474.069	0.213	4.000	474.202	-2.00	4.136	473.999	-150.00
-4.117	475.358	66.67	-4.000	475.280	-2.00	184+0.000	475.360	475.254	0.106	4.000	475.280	-2.00	4.086	475.151	-150.00
-4.048	476.278	-150.00	-4.000	476.350	-2.00	185+0.000	476.430	476.173	0.257	4.000	476.350	-2.00	4.190	476.065	-150.00
-4.162	476.922	-150.00	-4.000	477.165	-2.00	186+0.000	477.245	476.860	0.385	4.000	477.165	-2.00	4.270	476.760	-150.00
-4.157	477.226	-150.00	-4.000	477.462	-2.00	187+0.000	477.542	477.163	0.379	4.000	477.462	-2.00	4.242	477.099	-150.00
-4.148	477.466	-150.00	-4.000	477.688	-2.00	188+0.000	477.768	477.379	0.389	4.000	477.688	-2.00	4.267	477.287	-150.00
-4.143	477.647	-150.00	-4.000	477.862	-2.00	189+0.000	477.942	477.527	0.415	4.000	477.862	-2.00	4.322	477.379	-150.00
-4.375	477.377	-150.00	-4.000	477.940	-2.00	190+0.000	478.020	477.250	0.770	4.000	477.940	-2.00	4.548	477.118	-150.00
-4.334	477.518	-150.00	-4.000	478.018	-2.00	191+0.000	478.098	477.352	0.746	4.000	478.018	-2.00	4.560	477.178	-150.00
-4.259	477.708	-150.00	-4.000	478.096	-2.00	192+0.000	478.176	477.536	0.641	4.000	478.096	-2.00	4.497	477.352	-150.00
-4.219	477.846	-150.00	-4.000	478.175	-2.00	193+0.000	478.255	477.679	0.576	4.000	478.175	-2.00	4.448	477.502	-150.00

Cour de Lonaco du Sil
Secrétariat
Secrétariat des Conseils

-4.188	477.971	-150.00	-4.000	478.253	-2.00	194+0.000	478.333	477.805	0.528	4.000	478.253	-2.00	4.415	477.631	-150.00
-4.140	478.122	-150.00	-4.000	478.331	-2.00	195+0.000	478.411	477.960	0.451	4.000	478.331	-2.00	4.361	477.790	-150.00
-4.161	478.152	-150.00	-4.000	478.393	-2.00	196+0.000	478.473	478.059	0.414	4.000	478.393	-2.00	4.312	477.924	-150.00
-4.142	478.056	-150.00	-4.000	478.269	-2.00	197+0.000	478.349	477.954	0.395	4.000	478.269	-2.00	4.280	477.849	-150.00
-4.178	478.108	-150.00	-4.000	478.376	-2.00	198+0.000	478.456	477.983	0.473	4.000	478.376	-2.00	4.349	477.852	-150.00
-4.187	478.211	-150.00	-4.000	478.491	-2.00	199+0.000	478.571	478.159	0.412	4.000	478.491	-2.00	4.257	478.106	-150.00
-4.133	478.173	-150.00	-4.000	478.373	-2.00	200+0.000	478.453	478.060	0.393	4.000	478.373	-2.00	4.287	477.943	-150.00
-4.108	478.280	-150.00	-4.000	478.442	-2.00	201+0.000	478.522	478.193	0.329	4.000	478.442	-2.00	4.240	478.083	-150.00
-4.147	478.433	-150.00	-4.000	478.654	-2.00	202+0.000	478.734	478.381	0.352	4.000	478.654	-2.00	4.217	478.329	-150.00
-4.145	478.729	-150.00	-4.000	478.946	-2.00	203+0.000	479.026	478.677	0.349	4.000	478.946	-2.00	4.216	478.623	-150.00
-4.154	478.998	-150.00	-4.000	479.230	-2.00	204+0.000	479.310	478.904	0.406	4.000	479.230	-2.00	4.283	478.806	-150.00
-4.101	479.130	-150.00	-4.000	479.281	-2.00	205+0.000	479.361	479.005	0.356	4.000	479.281	-2.00	4.271	478.875	-150.00
-4.044	479.235	-150.00	-4.000	479.300	-2.00	206+0.000	479.380	479.068	0.312	4.000	479.300	-2.00	4.271	478.893	-150.00
-4.129	479.120	-150.00	-4.000	479.314	-2.00	207+0.000	479.394	478.985	0.409	4.000	479.314	-2.00	4.340	478.804	-150.00
-4.152	478.876	-150.00	-4.000	479.104	-2.00	208+0.000	479.184	478.729	0.455	4.000	479.104	-2.00	4.353	478.574	-150.00
-4.149	478.652	-150.00	-4.000	478.875	-2.00	209+0.000	478.955	478.507	0.449	4.000	478.875	-2.00	4.347	478.355	-150.00
-4.147	478.427	-150.00	-4.000	478.647	-2.00	210+0.000	478.727	478.291	0.436	4.000	478.647	-2.00	4.329	478.153	-150.00
-4.142	478.205	-150.00	-4.000	478.419	-2.00	211+0.000	478.499	478.085	0.414	4.000	478.419	-2.00	4.309	477.955	-150.00
-4.152	477.969	-150.00	-4.000	478.197	-2.00	212+0.000	478.277	477.862	0.415	4.000	478.197	-2.00	4.293	477.757	-150.00
-4.155	477.895	-150.00	-4.000	478.128	-2.00	213+0.000	478.208	477.786	0.421	4.000	478.128	-2.00	4.303	477.673	-150.00
-4.164	477.831	-150.00	-4.000	478.077	-2.00	214+0.000	478.157	477.726	0.431	4.000	478.077	-2.00	4.306	477.618	-150.00
-4.148	477.805	-150.00	-4.000	478.026	-2.00	215+0.000	478.106	477.700	0.406	4.000	478.026	-2.00	4.292	477.588	-150.00
-4.150	477.709	-150.00	-4.000	477.935	-2.00	216+0.000	478.015	477.605	0.409	4.000	477.935	-2.00	4.294	477.493	-150.00
-4.132	477.574	-150.00	-4.000	477.773	-2.00	217+0.000	477.853	477.462	0.391	4.000	477.773	-2.00	4.285	477.345	-150.00
-4.163	477.347	-150.00	-4.000	477.592	-2.00	218+0.000	477.672	477.244	0.428	4.000	477.592	-2.00	4.304	477.137	-150.00
-4.130	477.030	-150.00	-4.000	477.225	-2.00	219+0.000	477.305	476.924	0.381	4.000	477.225	-2.00	4.274	476.814	-150.00
-4.153	476.622	-150.00	-4.000	476.852	-2.00	220+0.000	476.932	476.538	0.394	4.000	476.852	-2.00	4.257	476.466	-150.00
-4.175	476.217	-150.00	-4.000	476.479	-2.00	221+0.000	476.559	476.144	0.415	4.000	476.479	-2.00	4.270	476.074	-150.00
-4.176	475.865	-150.00	-4.000	476.129	-2.00	222+0.000	476.209	475.796	0.413	4.000	476.129	-2.00	4.262	475.735	-150.00
-4.182	475.611	-150.00	-4.000	475.884	-2.00	223+0.000	475.964	475.552	0.412	4.000	475.884	-2.00	4.266	475.484	-150.00
-4.215	475.434	-150.00	-4.000	475.756	-2.00	224+0.000	475.836	475.376	0.459	4.000	475.756	-2.00	4.292	475.318	-150.00
-4.267	475.345	-150.00	-4.000	475.745	-2.00	225+0.000	475.825	475.295	0.530	4.000	475.745	-2.00	4.333	475.245	-150.00
-4.173	475.481	-150.00	-4.000	475.740	-2.00	226+0.000	475.820	475.436	0.384	4.000	475.740	-2.00	4.232	475.391	-150.00
-4.167	475.725	-150.00	-4.000	475.974	-2.00	227+0.000	476.054	475.678	0.377	4.000	475.974	-2.00	4.224	475.638	-150.00
-4.145	476.065	-150.00	-4.000	476.282	-2.00	228+0.000	476.362	476.012	0.350	4.000	476.282	-2.00	4.216	475.958	-150.00
-4.149	476.366	-150.00	-4.000	476.590	-2.00	229+0.000	476.670	476.301	0.369	4.000	476.590	-2.00	4.237	476.234	-150.00
-4.172	476.543	-150.00	-4.000	476.802	-2.00	230+0.000	476.882	476.469	0.413	4.000	476.802	-2.00	4.273	476.392	-150.00
-4.175	476.579	-150.00	-4.000	476.841	-2.00	231+0.000	476.921	476.520	0.401	4.000	476.841	-2.00	4.272	476.433	-150.00
-4.104	476.327	-150.00	-4.000	476.483	-2.00	232+0.000	476.563	476.245	0.319	4.000	476.483	-2.00	4.215	476.160	-150.00
-4.044	476.000	-150.00	-4.000	476.066	-2.00	233+0.000	476.146	475.888	0.259	4.000	476.066	-2.00	4.197	475.771	-150.00
-4.146	475.430	-150.00	-4.000	475.650	-2.00	234+0.000	475.730	475.318	0.412	4.000	475.650	-2.00	4.299	475.201	-150.00
-4.179	474.722	-150.00	-4.000	474.990	-2.00	235+0.000	475.070	474.579	0.492	4.000	474.990	-2.00	4.377	474.425	-150.00
-4.178	473.855	-150.00	-4.000	474.122	-2.00	236+0.000	474.202	473.709	0.494	4.000	474.122	-2.00	4.378	473.555	-150.00
-4.164	472.970	-150.00	-4.000	473.216	-2.00	237+0.000	473.296	472.791	0.505	4.000	473.216	-2.00	4.410	472.601	-150.00
-4.234	472.023	-150.00	-4.000	472.375	-2.00	238+0.000	472.455	471.857	0.598	4.000	472.375	-2.00	4.462	471.682	-150.00
-4.401	470.948	-150.00	-4.000	471.550	-2.00	239+0.000	471.630	470.827	0.803	4.000	471.550	-2.00	4.559	470.711	-150.00
-4.413	470.105	-150.00	-4.000	470.725	-2.00	240+0.000	470.805	470.022	0.783	4.000	470.725	-2.00	4.526	469.936	-150.00
-4.181	469.646	-150.00	-4.000	469.918	-2.00	241+0.000	469.998	469.584	0.414	4.000	469.918	-2.00	4.265	469.520	-150.00
-4.203	469.607	-150.00	-4.000	469.911	-2.00	242+0.000	469.991	469.595	0.396	4.000	469.911	-2.00	4.202	469.608	-150.00
-4.335	469.863	-150.00	-4.000	470.365	-2.00	243+0.000	470.445	469.876	0.569	4.000	470.365	-2.00	4.316	469.892	-150.00
-4.232	470.487	-150.00	-4.000	470.835	-2.00	244+0.000	470.915	470.548	0.368	4.000	470.835	-2.00	4.156	470.602	-150.00
-4.370	471.004	-150.00	-4.000	471.559	-2.00	245+0.000	471.639	471.105	0.534	4.000	471.559	-2.00	4.238	471.203	-150.00
-4.299	471.837	-150.00	-4.000	472.286	-2.00	246+0.000	472.366	471.936	0.429	4.000	472.286	-2.00	4.167	472.034	-150.00
-4.264	472.616	-150.00	-4.000	473.012	-2.00	247+0.000	473.092	472.750	0.341	4.000	473.012	-2.00	4.095	472.869	-150.00
-4.230	473.429	-150.00	-4.000	473.775	-2.00	248+0.000	473.855	473.567	0.288	4.000	473.775	-2.00	4.052	473.697	-150.00
-4.180	474.384	-150.00	-4.000	474.654	-2.00	249+0.000	474.734	474.475	0.258	4.000	474.654	-2.00	4.060	474.564	-150.00
-4.201	475.231	-150.00	-4.000	475.533	-2.00	250+0.000	475.613	475.314	0.299	4.000	475.533	-2.00	4.089	475.399	-150.00
-4.221	476.079	-150.00	-4.000	476.412	-2.00	251+0.000	476.492	476.178	0.314	4.000	476.412	-2.00	4.111	476.245	-150.00
-4.231	476.548	-150.00	-4.000	476.894	-2.00	252+0.000	476.974	476.638	0.335	4.000	476.894	-2.00	4.121	476.712	-150.00
-4.231	476.980	-150.00	-4.000	477.326	-2.00	253+0.000	477.406	477.074	0.333	4.000	477.326	-2.00	4.113	477.157	-150.00
-4.233	477.409	-150.00	-4.000	477.759	-2.00	254+0.000	477.839	477.476	0.363	4.000	477.759	-2.00	4.145	477.542	-150.00
-4.245	477.825	-150.00	-4.000	478.192	-2.00	255+0.000	478.272	477.891	0.381	4.000	478.192	-2.00	4.163	477.947	-150.00
-4.225	478.298	-150.00	-4.000	478.635	-2.00	256+0.000	478.715	478.382	0.333	4.000	478.635	-2.00	4.141	478.423	-150.00
-4.189	478.937	-150.00	-4.000	479.221	-2.00	257+0.000	479.301	478.991	0.310	4.000	479.221	-2.00	4.118	479.043	-150.00
-4.196	479.515	-150.00	-4.000	479.809	-2.00	258+0.000	479.889	479.566	0.323	4.000	479.809	-2.00	4.129	479.616	-150.00
-4.154	480.231	-150.00	-4.000	480.463	-2.00	259+0.000	480.543	480.252	0.291	4.000	480.463	-2.00	4.127	480.273	-150.00
-4.155	480.932	-150.00	-4.000	481.165	-2.00	260+0.000	481.245	480.940	0.304	4.000	481.165	-2.00	4.145	480.947	-150.00

Gerência de Fiscalização de Obras
Diretoria de Fiscalização
Diretoria Técnica
Secretaria de Obras

-4.161	481.572	-150.00	-4.000	481.813	-2.00	261+0.000	481.893	481.536	0.357	4.000	481.813	-2.00	4.235	481.460	-150.00
-4.138	481.997	-150.00	-4.000	482.204	-2.00	262+0.000	482.284	481.927	0.356	4.000	482.204	-2.00	4.240	481.844	-150.00
-4.138	482.265	-150.00	-4.000	482.472	-2.00	263+0.000	482.552	482.172	0.381	4.000	482.472	-2.00	4.264	482.076	-150.00
-4.158	482.308	-150.00	-4.000	482.544	-2.00	264+0.000	482.624	482.217	0.407	4.000	482.544	-2.00	4.289	482.111	-150.00
-4.198	482.143	-150.00	-4.000	482.441	-2.00	265+0.000	482.521	482.067	0.454	4.000	482.441	-2.00	4.301	481.989	-150.00
-4.185	482.057	-150.00	-4.000	482.334	-2.00	266+0.000	482.414	481.999	0.415	4.000	482.334	-2.00	4.273	481.924	-150.00
-4.145	481.937	-150.00	-4.000	482.154	-2.00	267+0.000	482.234	481.864	0.371	4.000	482.154	-2.00	4.244	481.788	-150.00
-4.213	481.646	-150.00	-4.000	481.965	-2.00	268+0.000	482.045	481.595	0.450	4.000	481.965	-2.00	4.280	481.544	-150.00
-4.215	481.452	-150.00	-4.000	481.775	-2.00	269+0.000	481.855	481.429	0.426	4.000	481.775	-2.00	4.255	481.392	-150.00
-4.426	480.674	-150.00	-4.000	481.313	-2.00	270+0.000	481.393	480.682	0.712	4.000	481.313	-2.00	4.416	480.689	-150.00
-4.583	479.934	-150.00	-4.000	480.808	-2.00	271+0.000	480.888	480.002	0.886	4.000	480.808	-2.00	4.494	480.068	-150.00
-4.695	479.260	-150.00	-4.000	480.303	-2.00	272+0.000	480.383	479.356	1.027	4.000	480.303	-2.00	4.569	479.449	-150.00
-4.758	478.660	-150.00	-4.000	479.798	-2.00	273+0.000	479.878	478.799	1.079	4.000	479.798	-2.00	4.532	478.999	-150.00
-4.770	478.137	-150.00	-4.000	479.292	-2.00	274+0.000	479.372	478.353	1.019	4.000	479.292	-2.00	4.490	478.557	-150.00
-4.830	477.542	-150.00	-4.000	478.787	-2.00	275+0.000	478.867	477.814	1.053	4.000	478.787	-2.00	4.481	478.066	-150.00
-4.595	477.390	-150.00	-4.000	478.282	-2.00	276+0.000	478.362	477.663	0.699	4.000	478.282	-2.00	4.249	477.909	-150.00
-4.390	477.294	-150.00	-4.000	477.879	-2.00	277+0.000	477.959	477.555	0.404	4.000	477.879	-2.00	4.055	477.796	-150.00
-4.296	477.390	-150.00	-4.000	477.834	-2.00	278+0.000	477.914	477.666	0.248	4.000	477.834	-2.00	4.123	477.916	66.67
-4.162	477.552	-150.00	-4.000	477.795	-2.00	279+0.000	477.875	477.713	0.162	4.000	477.795	-2.00	4.116	477.873	66.67
-4.200	477.456	-150.00	-4.000	477.757	-2.00	280+0.000	477.837	477.632	0.205	4.000	477.757	-2.00	4.047	477.788	66.67
-4.349	477.195	-150.00	-4.000	477.718	-2.00	281+0.000	477.798	477.443	0.355	4.000	477.718	-2.00	4.031	477.672	-150.00
-4.393	477.089	-150.00	-4.000	477.679	-2.00	282+0.000	477.759	477.339	0.420	4.000	477.679	-2.00	4.072	477.571	-150.00
-4.403	477.037	-150.00	-4.000	477.641	-2.00	283+0.000	477.721	477.264	0.457	4.000	477.641	-2.00	4.113	477.471	-150.00
-4.403	476.998	-150.00	-4.000	477.602	-2.00	284+0.000	477.682	477.220	0.462	4.000	477.602	-2.00	4.116	477.428	-150.00
-4.378	476.995	-150.00	-4.000	477.562	-2.00	285+0.000	477.642	477.238	0.404	4.000	477.562	-2.00	4.083	477.438	-150.00
-4.380	476.885	-150.00	-4.000	477.454	-2.00	286+0.000	477.534	477.087	0.447	4.000	477.454	-2.00	4.118	477.278	-150.00
-4.352	476.815	-150.00	-4.000	477.343	-2.00	287+0.000	477.423	477.015	0.407	4.000	477.343	-2.00	4.093	477.204	-150.00
-4.367	476.680	-150.00	-4.000	477.231	-2.00	288+0.000	477.311	476.850	0.461	4.000	477.231	-2.00	4.147	477.011	-150.00
-4.338	476.612	-150.00	-4.000	477.119	-2.00	289+0.000	477.199	476.754	0.445	4.000	477.119	-2.00	4.153	476.890	-150.00
-4.300	476.558	-150.00	-4.000	477.008	-2.00	290+0.000	477.088	476.677	0.411	4.000	477.008	-2.00	4.144	476.791	-150.00
-4.272	476.564	-150.00	-4.000	476.972	-2.00	291+0.000	477.052	476.673	0.379	4.000	476.972	-2.00	4.129	476.778	-150.00
-4.275	476.609	-150.00	-4.000	477.022	-2.00	292+0.000	477.102	476.720	0.382	4.000	477.022	-2.00	4.130	476.827	-150.00
-4.192	476.946	-150.00	-4.000	477.234	-2.00	293+0.000	477.314	477.038	0.276	4.000	477.234	-2.00	4.075	477.121	-150.00
-4.105	477.366	-150.00	-4.000	477.524	-2.00	294+0.000	477.604	477.456	0.148	4.000	477.524	-2.00	4.029	477.544	66.67
-4.014	477.824	66.67	-4.000	477.814	-2.00	295+0.000	477.894	477.832	0.062	4.000	477.814	-2.00	4.141	477.908	66.67
-4.306	478.309	66.67	-4.000	478.105	-2.00	296+0.000	478.185	478.275	-0.090	4.000	478.105	-2.00	4.208	478.244	66.67
-4.042	478.332	-150.00	-4.000	478.395	-2.00	297+0.000	478.475	478.307	0.169	4.000	478.395	-2.00	4.076	478.281	-150.00
-4.185	478.403	-150.00	-4.000	478.680	-2.00	298+0.000	478.760	478.366	0.394	4.000	478.680	-2.00	4.234	478.330	-150.00
-4.204	478.137	-150.00	-4.000	478.443	-2.00	299+0.000	478.523	478.089	0.434	4.000	478.443	-2.00	4.270	478.038	-150.00
-4.211	477.723	-150.00	-4.000	478.039	-2.00	300+0.000	478.119	477.675	0.444	4.000	478.039	-2.00	4.269	477.635	-150.00
-4.203	477.275	-150.00	-4.000	477.579	-2.00	301+0.000	477.659	477.219	0.440	4.000	477.579	-2.00	4.263	477.184	-150.00
-4.211	477.028	-150.00	-4.000	477.344	-2.00	302+0.000	477.424	476.982	0.442	4.000	477.344	-2.00	4.272	476.936	-150.00
-4.229	477.000	-150.00	-4.000	477.344	-2.00	303+0.000	477.424	476.957	0.467	4.000	477.344	-2.00	4.287	476.913	-150.00
-4.234	476.992	-150.00	-4.000	477.343	-2.00	304+0.000	477.423	476.977	0.446	4.000	477.343	-2.00	4.256	476.960	-150.00
-4.216	477.019	-150.00	-4.000	477.343	-2.00	305+0.000	477.423	477.005	0.418	4.000	477.343	-2.00	4.235	476.990	-150.00
-4.244	476.879	-150.00	-4.000	477.245	-2.00	306+0.000	477.325	476.895	0.430	4.000	477.245	-2.00	4.221	476.914	-150.00
-4.245	476.729	-150.00	-4.000	477.097	-2.00	307+0.000	477.177	476.760	0.417	4.000	477.097	-2.00	4.205	476.790	-150.00
-4.262	476.441	-150.00	-4.000	476.835	-2.00	308+0.000	476.915	476.499	0.416	4.000	476.835	-2.00	4.196	476.541	-150.00
-4.260	476.141	-150.00	-4.000	476.531	-2.00	309+0.000	476.611	476.195	0.416	4.000	476.531	-2.00	4.188	476.248	-150.00
-4.243	475.863	-150.00	-4.000	476.227	-2.00	310+0.000	476.307	475.911	0.396	4.000	476.227	-2.00	4.220	475.897	-150.00
-4.264	475.422	-150.00	-4.000	475.818	-2.00	311+0.000	475.898	475.464	0.434	4.000	475.818	-2.00	4.208	475.506	-150.00
-4.307	474.861	-150.00	-4.000	475.322	-2.00	312+0.000	475.402	474.896	0.506	4.000	475.322	-2.00	4.259	474.933	-150.00
-4.348	474.250	-150.00	-4.000	474.771	-2.00	313+0.000	474.851	474.378	0.473	4.000	474.771	-2.00	4.180	474.502	-150.00
-4.345	473.495	-150.00	-4.000	474.012	-2.00	314+0.000	474.092	473.614	0.478	4.000	474.012	-2.00	4.189	473.728	-150.00
-4.316	472.685	-150.00	-4.000	473.159	-2.00	315+0.000	473.239	472.802	0.437	4.000	473.159	-2.00	4.163	472.914	-150.00
-4.308	471.804	-150.00	-4.000	472.266	-2.00	316+0.000	472.346	471.853	0.493	4.000	472.266	-2.00	4.244	471.901	-150.00
-4.230	470.708	-150.00	-4.000	471.054	-2.00	317+0.000	471.134	470.757	0.376	4.000	471.054	-2.00	4.190	470.769	-150.00
-4.198	469.383	-150.00	-4.000	469.679	-2.00	318+0.000	469.759	469.348	0.411	4.000	469.679	-2.00	4.244	469.314	-150.00
-4.227	467.964	-150.00	-4.000	468.305	-2.00	319+0.000	468.385	467.909	0.476	4.000	468.305	-2.00	4.277	467.889	-150.00
-4.283	466.548	-150.00	-4.000	466.971	-2.00	320+0.000	467.051	466.546	0.506	4.000	466.971	-2.00	4.269	466.568	-150.00
-4.422	465.477	-150.00	-4.000	466.110	-2.00	321+0.000	466.190	465.510	0.680	4.000	466.110	-2.00	4.380	465.541	-150.00
-4.386	464.731	-150.00	-4.000	465.311	-2.00	322+0.000	465.391	464.742	0.649	4.000	465.311	-2.00	4.373	464.752	-150.00
-4.225	464.182	-150.00	-4.000	464.519	-2.00	323+0.000	464.599	464.149	0.450	4.000	464.519	-2.00	4.236	464.165	-150.00
-4.169	464.292	-150.00	-4.000	464.545	-2.00	324+0.000	464.625	464.254	0.371	4.000	464.545	-2.00	4.219	464.216	-150.00
-4.107	464.661	-150.00	-4.000	464.822	-2.00	325+0.000	464.902	464.588	0.314	4.000	464.822	-2.00	4.206	464.513	-150.00
-4.100	465.408	-150.00	-4.000	465.558	-2.00	326+0.000	465.638	465.342	0.295	4.000	465.558	-2.00	4.189	465.275	-150.00
-4.093	466.472	-150.00	-4.000	466.611	-2.00	327+0.000	466.691	466.384	0.308	4.000	466.611	-2.00	4.206	466.302	-150.00

Osvaldo Leonardo Silva Filho
Diretor de Novos Projetos
Projetos e Obras - Bloco 10
Secretaria das Cidades (Sedt)

-4.068	467.709	-150.00	-4.000	467.810	-2.00	328+0.000	467.890	467.627	0.263	4.000	467.810	-2.00	4.179	467.541	-150.00
-4.060	468.919	-150.00	-4.000	469.009	-2.00	329+0.000	469.089	468.832	0.257	4.000	469.009	-2.00	4.196	468.715	-150.00
-4.100	469.906	-150.00	-4.000	470.056	-2.00	330+0.000	470.136	469.801	0.336	4.000	470.056	-2.00	4.243	469.692	-150.00
-4.072	470.697	-150.00	-4.000	470.804	-2.00	331+0.000	470.884	470.576	0.308	4.000	470.804	-2.00	4.235	470.451	-150.00
-4.091	471.393	-150.00	-4.000	471.529	-2.00	332+0.000	471.609	471.272	0.337	4.000	471.529	-2.00	4.260	471.139	-150.00
-4.087	471.988	-150.00	-4.000	472.119	-2.00	333+0.000	472.199	471.862	0.338	4.000	472.119	-2.00	4.265	471.722	-150.00
-4.115	472.520	-150.00	-4.000	472.693	-2.00	334+0.000	472.773	472.418	0.355	4.000	472.693	-2.00	4.259	472.304	-150.00
-4.162	473.020	-150.00	-4.000	473.263	-2.00	335+0.000	473.343	472.915	0.428	4.000	473.263	-2.00	4.304	472.806	-150.00
-4.117	473.653	-150.00	-4.000	473.829	-2.00	336+0.000	473.909	473.543	0.365	4.000	473.829	-2.00	4.291	473.392	-150.00
-4.072	473.765	-150.00	-4.000	473.874	-2.00	337+0.000	473.954	473.699	0.255	4.000	473.874	-2.00	4.162	473.631	-150.00
-4.012	473.713	-150.00	-4.000	473.731	-2.00	338+0.000	473.811	473.635	0.175	4.000	473.731	-2.00	4.119	473.553	-150.00
-4.064	473.491	-150.00	-4.000	473.587	-2.00	339+0.000	473.667	473.433	0.234	4.000	473.587	-2.00	4.142	473.374	-150.00
-4.199	473.112	-150.00	-4.000	473.411	-2.00	340+0.000	473.491	473.044	0.447	4.000	473.411	-2.00	4.293	472.972	-150.00
-4.205	472.512	-150.00	-4.000	472.819	-2.00	341+0.000	472.899	472.422	0.478	4.000	472.819	-2.00	4.327	472.328	-150.00
-4.234	471.699	-150.00	-4.000	472.049	-2.00	342+0.000	472.129	471.630	0.499	4.000	472.049	-2.00	4.323	471.564	-150.00
-4.187	470.811	-150.00	-4.000	471.091	-2.00	343+0.000	471.171	470.745	0.425	4.000	471.091	-2.00	4.275	470.679	-150.00
-4.176	469.861	-150.00	-4.000	470.125	-2.00	344+0.000	470.205	469.803	0.402	4.000	470.125	-2.00	4.254	469.744	-150.00
-4.239	468.859	-150.00	-4.000	469.217	-2.00	345+0.000	469.297	468.820	0.477	4.000	469.217	-2.00	4.292	468.779	-150.00
-4.281	468.025	-150.00	-4.000	468.447	-2.00	346+0.000	468.527	468.065	0.462	4.000	468.447	-2.00	4.228	468.104	-150.00
-4.286	467.386	-150.00	-4.000	467.815	-2.00	347+0.000	467.895	467.444	0.451	4.000	467.815	-2.00	4.203	467.511	-150.00
-4.295	466.880	-150.00	-4.000	467.322	-2.00	348+0.000	467.402	466.956	0.446	4.000	467.322	-2.00	4.195	467.030	-150.00
-4.288	466.510	-150.00	-4.000	466.942	-2.00	349+0.000	467.022	466.599	0.423	4.000	466.942	-2.00	4.171	466.685	-150.00
-4.282	466.266	-150.00	-4.000	466.690	-2.00	350+0.000	466.770	466.359	0.410	4.000	466.690	-2.00	4.162	466.447	-150.00
-4.293	466.002	-150.00	-4.000	466.442	-2.00	351+0.000	466.522	466.096	0.426	4.000	466.442	-2.00	4.170	466.186	-150.00
-4.274	465.618	-150.00	-4.000	466.029	-2.00	352+0.000	466.109	465.727	0.381	4.000	466.029	-2.00	4.143	465.814	-150.00
-4.324	464.996	-150.00	-4.000	465.482	-2.00	353+0.000	465.562	465.123	0.439	4.000	465.482	-2.00	4.158	465.245	-150.00
-4.342	464.422	-150.00	-4.000	464.935	-2.00	354+0.000	465.015	464.548	0.466	4.000	464.935	-2.00	4.177	464.669	-150.00
-4.350	463.748	-150.00	-4.000	464.273	-2.00	355+0.000	464.353	463.876	0.478	4.000	464.273	-2.00	4.181	464.001	-150.00
-4.323	463.047	-150.00	-4.000	463.531	-2.00	356+0.000	463.611	463.138	0.473	4.000	463.531	-2.00	4.185	463.254	-150.00
-4.323	462.275	-150.00	-4.000	462.759	-2.00	357+0.000	462.839	462.353	0.486	4.000	462.759	-2.00	4.220	462.429	-150.00
-4.317	461.511	-150.00	-4.000	461.986	-2.00	358+0.000	462.066	461.591	0.475	4.000	461.986	-2.00	4.212	461.669	-150.00
-4.250	460.967	-150.00	-4.000	461.342	-2.00	359+0.000	461.422	460.964	0.458	4.000	461.342	-2.00	4.265	460.945	-150.00
-4.169	460.510	-150.00	-4.000	460.764	-2.00	360+0.000	460.844	460.411	0.433	4.000	460.764	-2.00	4.277	460.348	-150.00
-4.159	460.369	-150.00	-4.000	460.607	-2.00	361+0.000	460.687	460.271	0.416	4.000	460.607	-2.00	4.291	460.170	-150.00
-4.187	460.314	-150.00	-4.000	460.594	-2.00	362+0.000	460.674	460.192	0.482	4.000	460.594	-2.00	4.342	460.081	-150.00
-4.142	460.368	-150.00	-4.000	460.581	-2.00	363+0.000	460.661	460.230	0.431	4.000	460.581	-2.00	4.330	460.087	-150.00
-4.089	460.448	-150.00	-4.000	460.582	-2.00	364+0.000	460.662	460.306	0.356	4.000	460.582	-2.00	4.283	460.157	-150.00
-4.018	461.086	66.67	-4.000	461.074	-2.00	365+0.000	461.154	460.901	0.253	4.000	461.074	-2.00	4.312	460.606	-150.00
			-4.000	461.847	-2.00	366+0.000	461.927	461.658	0.269	4.000	461.847	-2.00	4.257	461.461	-150.00
-4.138	463.258	66.67	-4.000	463.166	-2.00	367+0.000	463.246	463.134	0.112	4.000	463.166	-2.00	4.160	462.925	-150.00
-4.124	464.697	66.67	-4.000	464.614	-2.00	368+0.000	464.694	464.551	0.143	4.000	464.614	-2.00	4.139	464.405	-150.00
-4.103	466.303	66.67	-4.000	466.234	-2.00	369+0.000	466.314	466.122	0.192	4.000	466.234	-2.00	4.198	465.937	-150.00
-4.054	467.846	-150.00	-4.000	467.927	-2.00	370+0.000	468.007	467.753	0.254	4.000	467.927	-2.00	4.290	467.492	-150.00
-4.098	468.762	-150.00	-4.000	468.909	-2.00	371+0.000	468.989	468.668	0.321	4.000	468.909	-2.00	4.225	468.571	-150.00
-4.098	469.218	-150.00	-4.000	469.365	-2.00	372+0.000	469.445	468.961	0.483	4.000	469.365	-2.00	4.455	468.682	-150.00
-4.113	469.171	-150.00	-4.000	469.340	-2.00	373+0.000	469.420	469.002	0.418	4.000	469.340	-2.00	4.344	468.823	-150.00
-4.122	468.891	-150.00	-4.000	469.074	-2.00	374+0.000	469.154	468.682	0.472	4.000	469.074	-2.00	4.417	468.449	-150.00
-4.204	468.317	-150.00	-4.000	468.623	-2.00	375+0.000	468.703	468.109	0.594	4.000	468.623	-2.00	4.491	467.887	-150.00
-4.081	468.051	-150.00	-4.000	468.172	-2.00	376+0.000	468.252	467.808	0.444	4.000	468.172	-2.00	4.418	467.544	-150.00
-4.017	468.358	-150.00	-4.000	468.384	-2.00	377+0.000	468.464	468.150	0.314	4.000	468.384	-2.00	4.305	467.926	-150.00
-4.009	468.957	66.67	-4.000	468.951	-2.00	378+0.000	469.031	468.663	0.368	4.000	468.951	-2.00	4.407	468.340	-150.00
-4.054	469.335	66.67	-4.000	469.299	-2.00	379+0.000	469.379	469.039	0.340	4.000	469.299	-2.00	4.385	468.721	-150.00
-4.148	469.745	66.67	-4.000	469.647	-2.00	380+0.000	469.727	469.445	0.282	4.000	469.647	-2.00	4.344	469.130	-150.00
-4.190	470.121	66.67	-4.000	469.994	-2.00	381+0.000	470.074	469.800	0.274	4.000	469.994	-2.00	4.352	469.467	-150.00
-4.016	470.311	66.67	-4.000	470.300	-2.00	382+0.000	470.380	470.003	0.376	4.000	470.300	-2.00	4.423	469.666	-150.00
			-4.000	470.426	-2.00	383+0.000	470.506	470.115	0.391	4.000	470.426	-2.00	4.435	469.774	-150.00
-4.021	470.293	-150.00	-4.000	470.324	-2.00	384+0.000	470.404	469.989	0.415	4.000	470.324	-2.00	4.448	469.652	-150.00
			-4.000	470.279	-2.00	385+0.000	470.359	469.966	0.393	4.000	470.279	-2.00	4.437	469.624	-150.00
-4.010	470.372	-150.00	-4.000	470.387	-2.00	386+0.000	470.467	470.063	0.404	4.000	470.387	-2.00	4.444	469.720	-150.00
-4.103	470.408	-150.00	-4.000	470.563	-2.00	387+0.000	470.643	470.086	0.557	4.000	470.563	-2.00	4.573	469.703	-150.00
-4.240	470.385	-150.00	-4.000	470.745	-2.00	388+0.000	470.825	470.028	0.797	4.000	470.745	-2.00	4.745	469.627	-150.00
-4.390	470.343	-150.00	-4.000	470.927	-2.00	389+0.000	471.007	469.956	1.050	4.000	470.927	-2.00	4.936	469.522	-150.00
-4.427	470.468	-150.00	-4.000	471.109	-2.00	390+0.000	471.189	470.122	1.067	4.000	471.109	-2.00	4.914	469.738	-150.00
-4.373	470.732	-150.00	-4.000	471.291	-2.00	391+0.000	471.371	470.452	0.919	4.000	471.291	-2.00	4.757	470.155	-150.00
-4.220	471.143	-150.00	-4.000	471.473	-2.00	392+0.000	471.553	470.883	0.670	4.000	471.473	-2.00	4.582	470.599	-150.00
-4.130	471.460	-150.00	-4.000	471.655	-2.00	393+0.000	471.735	471.229	0.506	4.000	471.655	-2.00	4.452	470.978	-150.00
-4.040	471.781	-150.00	-4.000	471.841	-2.00	394+0.000	471.921	471.535	0.386	4.000	471.841	-2.00	4.390	471.256	-150.00

Oswaldo Leonardo da Silva Filho
Engenheiro Civil de Projetos
Projetos e Obras - DUFRO
Secretaria das Cidades

-4.068	471.963	-150.00	-4.000	472.065	-2.00	395+0.000	472.145	471.716	0.429	4.000	472.065	-2.00	4.428	471.423	-150.00
-4.145	472.308	66.67	-4.000	472.212	-2.00	396+0.000	472.292	471.994	0.298	4.000	472.212	-2.00	4.367	471.662	-150.00
-4.021	472.188	-150.00	-4.000	472.220	-2.00	397+0.000	472.300	471.882	0.418	4.000	472.220	-2.00	4.451	471.544	-150.00
-4.018	471.911	66.67	-4.000	471.898	-2.00	398+0.000	471.978	471.611	0.367	4.000	471.898	-2.00	4.410	471.283	-150.00
-4.012	471.544	-150.00	-4.000	471.562	-2.00	399+0.000	471.642	471.225	0.418	4.000	471.562	-2.00	4.462	470.869	-150.00
-4.071	471.432	66.67	-4.000	471.385	-2.00	400+0.000	471.465	471.076	0.389	4.000	471.385	-2.00	4.466	470.686	-150.00
-4.022	471.509	-150.00	-4.000	471.542	-2.00	401+0.000	471.622	471.167	0.455	4.000	471.542	-2.00	4.505	470.784	-150.00
-4.093	471.783	66.67	-4.000	471.721	-2.00	402+0.000	471.801	471.399	0.402	4.000	471.721	-2.00	4.496	470.977	-150.00
-4.154	472.003	66.67	-4.000	471.900	-2.00	403+0.000	471.980	471.593	0.387	4.000	471.900	-2.00	4.501	471.149	-150.00
-4.111	472.153	66.67	-4.000	472.079	-2.00	404+0.000	472.159	471.748	0.411	4.000	472.079	-2.00	4.518	471.302	-150.00
-4.141	472.353	66.67	-4.000	472.258	-2.00	405+0.000	472.338	471.914	0.425	4.000	472.258	-2.00	4.528	471.467	-150.00
-4.179	472.557	66.67	-4.000	472.438	-2.00	406+0.000	472.518	472.115	0.402	4.000	472.438	-2.00	4.515	471.665	-150.00
-4.262	472.854	66.67	-4.000	472.680	-2.00	407+0.000	472.760	472.393	0.367	4.000	472.680	-2.00	4.495	471.937	-150.00
-4.233	473.152	66.67	-4.000	472.996	-2.00	408+0.000	473.076	472.700	0.377	4.000	472.996	-2.00	4.503	472.241	-150.00
-4.206	473.450	66.67	-4.000	473.313	-2.00	409+0.000	473.393	473.027	0.367	4.000	473.313	-2.00	4.500	472.563	-150.00
-4.354	473.859	66.67	-4.000	473.623	-2.00	410+0.000	473.703	473.444	0.260	4.000	473.623	-2.00	4.390	473.038	-150.00
-4.387	474.186	66.67	-4.000	473.928	-2.00	411+0.000	474.008	473.772	0.235	4.000	473.928	-2.00	4.373	473.367	-150.00
-4.171	474.346	66.67	-4.000	474.232	-2.00	412+0.000	474.312	473.966	0.346	4.000	474.232	-2.00	4.447	473.561	-150.00
-4.043	474.520	66.67	-4.000	474.491	-2.00	413+0.000	474.571	474.179	0.392	4.000	474.491	-2.00	4.459	473.803	-150.00
-4.022	474.604	66.67	-4.000	474.589	-2.00	414+0.000	474.669	474.277	0.392	4.000	474.589	-2.00	4.450	473.915	-150.00
			-4.000	474.688	-2.00	415+0.000	474.768	474.376	0.392	4.000	474.688	-2.00	4.437	474.033	-150.00
-4.084	474.842	66.67	-4.000	474.786	-2.00	416+0.000	474.866	474.531	0.335	4.000	474.786	-2.00	4.387	474.206	-150.00
-4.045	474.914	66.67	-4.000	474.884	-2.00	417+0.000	474.964	474.617	0.347	4.000	474.884	-2.00	4.384	474.309	-150.00
-4.016	474.958	-150.00	-4.000	474.983	-2.00	418+0.000	475.063	474.706	0.357	4.000	474.983	-2.00	4.367	474.431	-150.00
-4.044	474.892	-150.00	-4.000	474.958	-2.00	419+0.000	475.038	474.649	0.389	4.000	474.958	-2.00	4.381	474.386	-150.00
-4.030	474.647	-150.00	-4.000	474.692	-2.00	420+0.000	474.772	474.408	0.364	4.000	474.692	-2.00	4.362	474.148	-150.00
-4.058	474.338	-150.00	-4.000	474.425	-2.00	421+0.000	474.505	474.094	0.411	4.000	474.425	-2.00	4.388	473.843	-150.00
-4.095	474.038	-150.00	-4.000	474.180	-2.00	422+0.000	474.260	473.816	0.445	4.000	474.180	-2.00	4.403	473.576	-150.00
-4.137	473.836	-150.00	-4.000	474.041	-2.00	423+0.000	474.121	473.603	0.518	4.000	474.041	-2.00	4.460	473.351	-150.00
-4.184	473.638	-150.00	-4.000	473.913	-2.00	424+0.000	473.993	473.423	0.570	4.000	473.913	-2.00	4.482	473.190	-150.00
-4.095	473.642	-150.00	-4.000	473.785	-2.00	425+0.000	473.865	473.408	0.457	4.000	473.785	-2.00	4.414	473.164	-150.00
-4.016	473.633	-150.00	-4.000	473.657	-2.00	426+0.000	473.737	473.412	0.325	4.000	473.657	-2.00	4.322	473.174	-150.00
-4.209	473.668	66.67	-4.000	473.529	-2.00	427+0.000	473.609	473.416	0.193	4.000	473.529	-2.00	4.233	473.180	-150.00
-4.297	473.599	66.67	-4.000	473.401	-2.00	428+0.000	473.481	473.366	0.115	4.000	473.401	-2.00	4.175	473.138	-150.00
-4.191	473.400	66.67	-4.000	473.273	-2.00	429+0.000	473.353	473.166	0.187	4.000	473.273	-2.00	4.239	472.914	-150.00
-4.060	473.046	-150.00	-4.000	473.136	-2.00	430+0.000	473.216	472.792	0.424	4.000	473.136	-2.00	4.414	472.515	-150.00
-4.077	472.594	-150.00	-4.000	472.710	-2.00	431+0.000	472.790	472.344	0.446	4.000	472.710	-2.00	4.425	472.073	-150.00
-4.080	472.240	-150.00	-4.000	472.360	-2.00	432+0.000	472.440	472.024	0.416	4.000	472.360	-2.00	4.378	471.793	-150.00
-4.072	472.008	-150.00	-4.000	472.116	-2.00	433+0.000	472.196	471.780	0.415	4.000	472.116	-2.00	4.381	471.545	-150.00
-4.069	471.919	-150.00	-4.000	472.023	-2.00	434+0.000	472.103	471.690	0.412	4.000	472.023	-2.00	4.378	471.455	-150.00
-4.057	472.114	-150.00	-4.000	472.200	-2.00	435+0.000	472.280	471.937	0.343	4.000	472.200	-2.00	4.283	471.777	-150.00
-4.071	472.636	-150.00	-4.000	472.743	-2.00	436+0.000	472.823	472.474	0.349	4.000	472.743	-2.00	4.295	472.301	-150.00
-4.049	473.015	-150.00	-4.000	473.087	-2.00	437+0.000	473.167	472.856	0.311	4.000	473.087	-2.00	4.265	472.690	-150.00
-4.035	473.109	66.67	-4.000	473.086	-2.00	438+0.000	473.166	472.980	0.186	4.000	473.086	-2.00	4.159	472.847	-150.00
-4.050	472.663	-150.00	-4.000	472.738	-2.00	439+0.000	472.818	472.435	0.383	4.000	472.738	-2.00	4.338	472.232	-150.00
-4.030	472.111	-150.00	-4.000	472.156	-2.00	440+0.000	472.236	471.889	0.347	4.000	472.156	-2.00	4.337	471.651	-150.00
-4.109	471.361	-150.00	-4.000	471.525	-2.00	441+0.000	471.605	471.115	0.490	4.000	471.525	-2.00	4.451	470.848	-150.00
-4.189	470.243	-150.00	-4.000	470.527	-2.00	442+0.000	470.607	470.014	0.593	4.000	470.527	-2.00	4.506	469.768	-150.00
-4.254	469.115	-150.00	-4.000	469.496	-2.00	443+0.000	469.576	468.909	0.667	4.000	469.496	-2.00	4.395	468.903	-150.00
-4.315	468.032	-150.00	-4.000	468.505	-2.00	444+0.000	468.585	468.130	0.455	4.000	468.505	-2.00	4.187	468.224	-150.00
-4.251	467.794	-150.00	-4.000	468.171	-2.00	445+0.000	468.251	467.859	0.392	4.000	468.171	-2.00	4.167	467.920	-150.00
-4.283	467.485	-150.00	-4.000	467.909	-2.00	446+0.000	467.989	467.468	0.521	4.000	467.909	-2.00	4.305	467.451	-150.00
-4.191	467.340	-150.00	-4.000	467.627	-2.00	447+0.000	467.707	467.293	0.414	4.000	467.627	-2.00	4.255	467.245	-150.00
-4.091	467.740	-150.00	-4.000	467.877	-2.00	448+0.000	467.957	467.596	0.361	4.000	467.877	-2.00	4.260	467.488	-150.00
-4.167	468.256	-150.00	-4.000	468.507	-2.00	449+0.000	468.587	468.160	0.427	4.000	468.507	-2.00	4.297	468.061	-150.00
-4.026	469.097	-150.00	-4.000	469.136	-2.00	450+0.000	469.216	469.005	0.211	4.000	469.136	-2.00	4.184	468.860	-150.00
-4.082	469.642	-150.00	-4.000	469.765	-2.00	451+0.000	469.845	469.474	0.371	4.000	469.765	-2.00	4.312	469.297	-150.00
-4.103	470.463	66.67	-4.000	470.394	-2.00	452+0.000	470.474	470.204	0.270	4.000	470.394	-2.00	4.308	469.933	-150.00
-4.042	471.051	66.67	-4.000	471.023	-2.00	453+0.000	471.103	470.812	0.291	4.000	471.023	-2.00	4.311	470.557	-150.00
-4.035	471.621	66.67	-4.000	471.597	-2.00	454+0.000	471.677	471.317	0.360	4.000	471.597	-2.00	4.371	471.041	-150.00
-4.025	471.898	66.67	-4.000	471.881	-2.00	455+0.000	471.961	471.633	0.328	4.000	471.881	-2.00	4.357	471.346	-150.00
-4.031	472.191	66.67	-4.000	472.171	-2.00	456+0.000	472.251	471.896	0.354	4.000	472.171	-2.00	4.372	471.613	-150.00
-4.008	472.616	66.67	-4.000	472.610	-2.00	457+0.000	472.690	472.326	0.365	4.000	472.610	-2.00	4.402	472.007	-150.00
-4.050	472.983	-150.00	-4.000	473.058	-2.00	458+0.000	473.138	472.693	0.444	4.000	473.058	-2.00	4.455	472.375	-150.00
-4.068	473.404	-150.00	-4.000	473.505	-2.00	459+0.000	473.585	473.112	0.473	4.000	473.505	-2.00	4.476	472.791	-150.00
-4.062	473.859	-150.00	-4.000	473.952	-2.00	460+0.000	474.032	473.572	0.461	4.000	473.952	-2.00	4.467	473.252	-150.00
-4.099	474.251	-150.00	-4.000	474.400	-2.00	461+0.000	474.480	473.972	0.508	4.000	474.400	-2.00	4.474	473.689	-150.00

Osvaldo Leonardo [illegible] Filho
Diretor da Divisão [illegible] Obras
Projetos e Obras [illegible]
Secretaria [illegible] Social

-4.061	474.755	-150.00	-4.000	474.847	-2.00	462+0.000	474.927	474.478	0.449	4.000	474.847	-2.00	4.426	474.209	-150.00
-4.026	475.256	-150.00	-4.000	475.294	-2.00	463+0.000	475.374	475.026	0.348	4.000	475.294	-2.00	4.344	474.779	-150.00
-4.036	475.576	-150.00	-4.000	475.629	-2.00	464+0.000	475.709	475.346	0.364	4.000	475.629	-2.00	4.298	475.183	-150.00
-4.133	475.707	-150.00	-4.000	475.907	-2.00	465+0.000	475.987	475.582	0.405	4.000	475.907	-2.00	4.248	475.534	-150.00
-4.129	475.906	-150.00	-4.000	476.099	-2.00	466+0.000	476.179	475.792	0.388	4.000	476.099	-2.00	4.236	475.745	-150.00
-4.098	475.805	-150.00	-4.000	475.952	-2.00	467+0.000	476.032	475.736	0.296	4.000	475.952	-2.00	4.191	475.665	-150.00
-4.070	475.643	66.67	-4.000	475.596	-2.00	468+0.000	475.676	475.543	0.133	4.000	475.596	-2.00	4.103	475.442	-150.00
-4.082	475.117	-150.00	-4.000	475.240	-2.00	469+0.000	475.320	475.063	0.256	4.000	475.240	-2.00	4.154	475.009	-150.00
-4.146	474.664	-150.00	-4.000	474.884	-2.00	470+0.000	474.964	474.607	0.356	4.000	474.884	-2.00	4.223	474.550	-150.00
-4.223	474.199	-150.00	-4.000	474.534	-2.00	471+0.000	474.614	474.180	0.433	4.000	474.534	-2.00	4.238	474.176	-150.00
-4.162	474.251	-150.00	-4.000	474.493	-2.00	472+0.000	474.573	474.197	0.376	4.000	474.493	-2.00	4.219	474.165	-150.00
-4.134	474.560	-150.00	-4.000	474.761	-2.00	473+0.000	474.841	474.551	0.291	4.000	474.761	-2.00	4.121	474.580	-150.00
-4.142	475.344	-150.00	-4.000	475.557	-2.00	474+0.000	475.637	475.373	0.263	4.000	475.557	-2.00	4.103	475.403	-150.00
-4.159	476.114	-150.00	-4.000	476.353	-2.00	475+0.000	476.433	476.124	0.309	4.000	476.353	-2.00	4.137	476.147	-150.00
-4.205	476.798	-150.00	-4.000	477.105	-2.00	476+0.000	477.185	476.810	0.375	4.000	477.105	-2.00	4.189	476.823	-150.00
-4.225	477.080	-150.00	-4.000	477.418	-2.00	477+0.000	477.498	477.106	0.392	4.000	477.418	-2.00	4.189	477.135	-150.00
-4.286	476.953	-150.00	-4.000	477.383	-2.00	478+0.000	477.463	477.014	0.448	4.000	477.383	-2.00	4.197	477.088	-150.00
-4.275	476.703	-150.00	-4.000	477.116	-2.00	479+0.000	477.196	476.773	0.424	4.000	477.116	-2.00	4.190	476.831	-150.00
-4.405	476.243	-150.00	-4.000	476.850	-2.00	480+0.000	476.930	476.347	0.583	4.000	476.850	-2.00	4.264	476.454	-150.00
-4.429	475.941	-150.00	-4.000	476.584	-2.00	481+0.000	476.664	476.023	0.641	4.000	476.584	-2.00	4.321	476.103	-150.00
-4.327	475.828	-150.00	-4.000	476.318	-2.00	482+0.000	476.398	475.920	0.478	4.000	476.318	-2.00	4.211	476.002	-150.00
-4.245	475.910	-150.00	-4.000	476.277	-2.00	483+0.000	476.357	476.009	0.348	4.000	476.277	-2.00	4.075	476.165	-150.00
-4.201	476.118	-150.00	-4.000	476.419	-2.00	484+0.000	476.499	476.190	0.309	4.000	476.419	-2.00	4.049	476.345	-150.00
-4.182	476.289	-150.00	-4.000	476.562	-2.00	485+0.000	476.642	476.383	0.259	4.000	476.562	-2.00	4.058	476.475	-150.00
-4.144	476.488	-150.00	-4.000	476.704	-2.00	486+0.000	476.784	476.579	0.205	4.000	476.704	-2.00	4.025	476.666	-150.00
-4.217	476.520	-150.00	-4.000	476.846	-2.00	487+0.000	476.926	476.562	0.364	4.000	476.846	-2.00	4.139	476.638	-150.00
-4.212	476.660	-150.00	-4.000	476.978	-2.00	488+0.000	477.058	476.685	0.373	4.000	476.978	-2.00	4.158	476.741	-150.00
-4.161	476.882	-150.00	-4.000	477.124	-2.00	489+0.000	477.204	476.855	0.350	4.000	477.124	-2.00	4.197	476.828	-150.00
-4.246	477.165	-150.00	-4.000	477.534	-2.00	490+0.000	477.614	477.249	0.365	4.000	477.534	-2.00	4.136	477.330	-150.00
-4.255	477.679	-150.00	-4.000	478.062	-2.00	491+0.000	478.142	477.741	0.401	4.000	478.062	-2.00	4.163	477.817	-150.00
-4.150	478.365	-150.00	-4.000	478.590	-2.00	492+0.000	478.670	478.371	0.299	4.000	478.590	-2.00	4.142	478.377	-150.00
-4.181	478.846	-150.00	-4.000	479.118	-2.00	493+0.000	479.198	478.872	0.326	4.000	479.118	-2.00	4.147	478.897	-150.00
-4.218	479.265	-150.00	-4.000	479.592	-2.00	494+0.000	479.672	479.291	0.380	4.000	479.592	-2.00	4.148	479.370	-150.00
-4.222	479.497	-150.00	-4.000	479.830	-2.00	495+0.000	479.910	479.520	0.390	4.000	479.830	-2.00	4.191	479.543	-150.00
-4.229	479.665	-150.00	-4.000	480.009	-2.00	496+0.000	480.089	479.700	0.388	4.000	480.009	-2.00	4.182	479.735	-150.00
-4.219	479.768	-150.00	-4.000	480.096	-2.00	497+0.000	480.176	479.795	0.381	4.000	480.096	-2.00	4.188	479.814	-150.00
-4.223	479.850	-150.00	-4.000	480.184	-2.00	498+0.000	480.264	479.876	0.387	4.000	480.184	-2.00	4.187	479.903	-150.00
-4.226	479.931	-150.00	-4.000	480.271	-2.00	499+0.000	480.351	479.950	0.401	4.000	480.271	-2.00	4.201	479.969	-150.00
-4.244	479.848	-150.00	-4.000	480.214	-2.00	500+0.000	480.294	479.874	0.420	4.000	480.214	-2.00	4.209	479.900	-150.00
-4.200	479.792	-150.00	-4.000	480.092	-2.00	501+0.000	480.172	479.784	0.388	4.000	480.092	-2.00	4.207	479.782	-150.00
-4.210	479.739	-150.00	-4.000	480.054	-2.00	502+0.000	480.134	479.737	0.396	4.000	480.054	-2.00	4.212	479.736	-150.00
-4.227	479.803	-150.00	-4.000	480.144	-2.00	503+0.000	480.224	479.863	0.360	4.000	480.144	-2.00	4.128	479.952	-150.00
-4.189	480.078	-150.00	-4.000	480.362	-2.00	504+0.000	480.442	480.081	0.360	4.000	480.362	-2.00	4.185	480.084	-150.00
-4.211	480.392	-150.00	-4.000	480.708	-2.00	505+0.000	480.788	480.465	0.322	4.000	480.708	-2.00	4.114	480.537	-150.00
-4.099	481.034	-150.00	-4.000	481.182	-2.00	506+0.000	481.262	480.996	0.267	4.000	481.182	-2.00	4.032	481.134	-150.00
-4.278	481.970	66.67	-4.000	481.785	-2.00	507+0.000	481.865	481.986	-0.121	4.000	481.785	-2.00	4.326	482.003	66.67
-4.020	482.485	-150.00	-4.000	482.515	-2.00	508+0.000	482.595	482.526	0.069	4.000	482.515	-2.00	4.081	482.568	66.67
-4.115	483.117	-150.00	-4.000	483.289	-2.00	509+0.000	483.369	483.020	0.349	4.000	483.289	-2.00	4.189	483.006	-150.00
-4.130	483.621	-150.00	-4.000	483.817	-2.00	510+0.000	483.897	483.540	0.357	4.000	483.817	-2.00	4.240	483.457	-150.00
-4.043	483.621	-150.00	-4.000	483.685	-2.00	511+0.000	483.765	483.560	0.204	4.000	483.685	-2.00	4.124	483.499	-150.00
-4.083	483.429	-150.00	-4.000	483.553	-2.00	512+0.000	483.633	483.296	0.337	4.000	483.553	-2.00	4.257	483.167	-150.00
-4.200	483.122	-150.00	-4.000	483.421	-2.00	513+0.000	483.501	482.993	0.508	4.000	483.421	-2.00	4.375	482.859	-150.00
-4.286	482.860	-150.00	-4.000	483.289	-2.00	514+0.000	483.369	482.759	0.610	4.000	483.289	-2.00	4.424	482.654	-150.00
-4.298	482.710	-150.00	-4.000	483.157	-2.00	515+0.000	483.237	482.543	0.694	4.000	483.157	-2.00	4.527	482.368	-150.00
-4.181	482.754	-150.00	-4.000	483.026	-2.00	516+0.000	483.106	482.647	0.459	4.000	483.026	-2.00	4.327	482.536	-150.00
-4.123	482.798	-150.00	-4.000	482.982	-2.00	517+0.000	483.062	482.672	0.390	4.000	482.982	-2.00	4.266	482.584	-150.00
-4.194	483.099	-150.00	-4.000	483.390	-2.00	518+0.000	483.470	482.995	0.475	4.000	483.390	-2.00	4.327	482.900	-150.00
-4.351	483.490	-150.00	-4.000	484.017	-2.00	519+0.000	484.097	483.406	0.691	4.000	484.017	-2.00	4.441	483.355	-150.00
-4.354	484.112	-150.00	-4.000	484.644	-2.00	520+0.000	484.724	483.995	0.729	4.000	484.644	-2.00	4.476	483.930	-150.00
-4.320	484.791	-150.00	-4.000	485.271	-2.00	521+0.000	485.351	484.673	0.678	4.000	485.271	-2.00	4.465	484.573	-150.00
-4.386	485.318	-150.00	-4.000	485.898	-2.00	522+0.000	485.978	485.275	0.703	4.000	485.898	-2.00	4.439	485.239	-150.00
-4.395	485.933	-150.00	-4.000	486.525	-2.00	523+0.000	486.605	485.884	0.720	4.000	486.525	-2.00	4.460	485.835	-150.00
-4.414	486.531	-150.00	-4.000	487.152	-2.00	524+0.000	487.232	486.466	0.766	4.000	487.152	-2.00	4.483	486.428	-150.00
-4.346	487.260	-150.00	-4.000	487.779	-2.00	525+0.000	487.859	487.245	0.614	4.000	487.779	-2.00	4.366	487.230	-150.00
-4.222	488.073	-150.00	-4.000	488.406	-2.00	526+0.000	488.486	488.052	0.434	4.000	488.406	-2.00	4.250	488.031	-150.00
-4.170	488.778	-150.00	-4.000	489.033	-2.00	527+0.000	489.113	488.816	0.297	4.000	489.033	-2.00	4.121	488.852	-150.00
-4.121	489.479	-150.00	-4.000	489.660	-2.00	528+0.000	489.740	489.516	0.224	4.000	489.660	-2.00	4.072	489.553	-150.00

-4.191	490.000	-150.00	-4.000	490.287	-2.00	529+0.000	490.367	490.010	0.357	4.000	490.287	-2.00	4.178	490.020	-150.00
-4.194	490.374	-150.00	-4.000	490.664	-2.00	530+0.000	490.744	490.375	0.370	4.000	490.664	-2.00	4.196	490.371	-150.00
-4.184	490.648	-150.00	-4.000	490.924	-2.00	531+0.000	491.004	490.612	0.391	4.000	490.924	-2.00	4.230	490.579	-150.00
-4.185	490.869	-150.00	-4.000	491.146	-2.00	532+0.000	491.226	490.851	0.375	4.000	491.146	-2.00	4.209	490.832	-150.00
-4.196	490.949	-150.00	-4.000	491.243	-2.00	533+0.000	491.323	490.915	0.408	4.000	491.243	-2.00	4.241	490.882	-150.00
-4.197	491.017	-150.00	-4.000	491.313	-2.00	534+0.000	491.393	490.974	0.419	4.000	491.313	-2.00	4.260	490.923	-150.00
-4.187	491.102	-150.00	-4.000	491.383	-2.00	535+0.000	491.463	491.063	0.400	4.000	491.383	-2.00	4.247	491.012	-150.00
-4.172	491.196	-150.00	-4.000	491.453	-2.00	536+0.000	491.533	491.144	0.389	4.000	491.453	-2.00	4.240	491.094	-150.00
-4.151	491.341	-150.00	-4.000	491.568	-2.00	537+0.000	491.648	491.285	0.363	4.000	491.568	-2.00	4.245	491.201	-150.00
-4.205	491.614	-150.00	-4.000	491.921	-2.00	538+0.000	492.001	491.557	0.444	4.000	491.921	-2.00	4.290	491.486	-150.00
-4.220	491.950	-150.00	-4.000	492.281	-2.00	539+0.000	492.361	491.895	0.466	4.000	492.281	-2.00	4.295	491.838	-150.00
-4.160	492.401	-150.00	-4.000	492.641	-2.00	540+0.000	492.721	492.315	0.406	4.000	492.641	-2.00	4.276	492.228	-150.00
-4.106	492.877	-150.00	-4.000	493.036	-2.00	541+0.000	493.116	492.763	0.353	4.000	493.036	-2.00	4.249	492.662	-150.00
-4.140	493.429	-150.00	-4.000	493.639	-2.00	542+0.000	493.719	493.391	0.328	4.000	493.639	-2.00	4.182	493.366	-150.00
-4.205	494.141	-150.00	-4.000	494.448	-2.00	543+0.000	494.528	494.204	0.325	4.000	494.448	-2.00	4.136	494.245	-150.00
-4.250	494.625	-150.00	-4.000	495.000	-2.00	544+0.000	495.080	494.693	0.387	4.000	495.000	-2.00	4.161	494.758	-150.00
-4.257	494.901	-150.00	-4.000	495.285	-2.00	545+0.000	495.365	495.004	0.361	4.000	495.285	-2.00	4.122	495.103	-150.00
-4.315	494.945	-150.00	-4.000	495.418	-2.00	546+0.000	495.498	495.084	0.413	4.000	495.418	-2.00	4.133	495.218	-150.00
-4.307	495.062	-150.00	-4.000	495.522	-2.00	547+0.000	495.602	495.210	0.392	4.000	495.522	-2.00	4.120	495.342	-150.00
-4.294	495.226	-150.00	-4.000	495.668	-2.00	548+0.000	495.748	495.372	0.376	4.000	495.668	-2.00	4.105	495.510	-150.00
-4.295	495.379	-150.00	-4.000	495.822	-2.00	549+0.000	495.902	495.525	0.377	4.000	495.822	-2.00	4.105	495.664	-150.00
-4.313	495.507	-150.00	-4.000	495.976	-2.00	550+0.000	496.056	495.661	0.395	4.000	495.976	-2.00	4.117	495.801	-150.00
-4.257	495.598	-150.00	-4.000	495.983	-2.00	551+0.000	496.063	495.725	0.338	4.000	495.983	-2.00	4.098	495.836	-150.00
-4.071	495.644	-150.00	-4.000	495.750	-2.00	552+0.000	495.830	495.752	0.078	4.000	495.750	-2.00	4.169	495.863	66.67
-4.139	495.610	66.67	-4.000	495.517	-2.00	553+0.000	495.597	495.719	-0.122	4.000	495.517	-2.00	4.481	495.838	66.67
-4.374	495.534	66.67	-4.000	495.285	-2.00	554+0.000	495.365	495.652	-0.288	4.000	495.285	-2.00	4.744	495.781	66.67
-4.532	495.407	66.67	-4.000	495.052	-2.00	555+0.000	495.132	495.534	-0.402	4.000	495.052	-2.00	4.925	495.669	66.67
-4.582	495.208	66.67	-4.000	494.820	-2.00	556+0.000	494.900	495.321	-0.421	4.000	494.820	-2.00	4.934	495.442	66.67
-4.672	495.035	66.67	-4.000	494.587	-2.00	557+0.000	494.667	495.104	-0.437	4.000	494.587	-2.00	4.883	495.175	66.67
-4.522	494.702	66.67	-4.000	494.354	-2.00	558+0.000	494.434	494.768	-0.334	4.000	494.354	-2.00	4.724	494.837	66.67
-4.420	494.401	66.67	-4.000	494.122	-2.00	559+0.000	494.202	494.447	-0.245	4.000	494.122	-2.00	4.563	494.497	66.67
-4.283	494.078	66.67	-4.000	493.889	-2.00	560+0.000	493.969	494.124	-0.155	4.000	493.889	-2.00	4.403	494.158	66.67
-4.097	493.721	66.67	-4.000	493.656	-2.00	561+0.000	493.736	493.753	-0.017	4.000	493.656	-2.00	4.197	493.788	66.67
-4.083	493.299	-150.00	-4.000	493.424	-2.00	562+0.000	493.504	493.345	0.158	4.000	493.424	-2.00	4.022	493.390	-150.00
-4.233	492.842	-150.00	-4.000	493.191	-2.00	563+0.000	493.271	492.893	0.378	4.000	493.191	-2.00	4.165	492.944	-150.00
-4.298	492.365	-150.00	-4.000	492.812	-2.00	564+0.000	492.892	492.440	0.452	4.000	492.812	-2.00	4.198	492.514	-150.00
-4.221	491.850	-150.00	-4.000	492.181	-2.00	565+0.000	492.261	491.907	0.354	4.000	492.181	-2.00	4.145	491.964	-150.00
-4.262	491.157	-150.00	-4.000	491.550	-2.00	566+0.000	491.630	491.204	0.426	4.000	491.550	-2.00	4.188	491.268	-150.00
-4.281	490.499	-150.00	-4.000	490.919	-2.00	567+0.000	490.999	490.541	0.459	4.000	490.919	-2.00	4.225	490.582	-150.00
-4.297	489.905	-150.00	-4.000	490.351	-2.00	568+0.000	490.431	489.970	0.460	4.000	490.351	-2.00	4.204	490.044	-150.00
-4.321	489.371	-150.00	-4.000	489.851	-2.00	569+0.000	489.931	489.546	0.386	4.000	489.851	-2.00	4.083	489.727	-150.00
-4.352	489.180	-150.00	-4.000	489.707	-2.00	570+0.000	489.787	489.339	0.448	4.000	489.707	-2.00	4.119	489.528	-150.00
-4.247	489.597	-150.00	-4.000	489.968	-2.00	571+0.000	490.048	489.724	0.324	4.000	489.968	-2.00	4.081	489.846	-150.00
-4.231	490.125	-150.00	-4.000	490.472	-2.00	572+0.000	490.552	490.240	0.311	4.000	490.472	-2.00	4.073	490.363	-150.00
-4.252	490.879	-150.00	-4.000	491.256	-2.00	573+0.000	491.336	491.002	0.334	4.000	491.256	-2.00	4.090	491.121	-150.00
-4.190	491.460	-150.00	-4.000	491.745	-2.00	574+0.000	491.825	491.575	0.250	4.000	491.745	-2.00	4.039	491.687	-150.00
-4.023	492.153	-150.00	-4.000	492.188	-2.00	575+0.000	492.268	492.234	0.033	4.000	492.188	-2.00	4.222	492.335	66.67
-4.032	492.652	66.67	-4.000	492.630	-2.00	576+0.000	492.710	492.587	0.123	4.000	492.630	-2.00	4.072	492.522	-150.00
-4.105	492.900	-150.00	-4.000	493.058	-2.00	577+0.000	493.138	492.837	0.301	4.000	493.058	-2.00	4.190	492.773	-150.00
-4.121	493.023	-150.00	-4.000	493.205	-2.00	578+0.000	493.285	492.908	0.377	4.000	493.205	-2.00	4.277	492.789	-150.00
-4.162	492.740	-150.00	-4.000	492.983	-2.00	579+0.000	493.063	492.629	0.434	4.000	492.983	-2.00	4.313	492.514	-150.00
-4.115	492.484	-150.00	-4.000	492.656	-2.00	580+0.000	492.736	492.313	0.423	4.000	492.656	-2.00	4.379	492.087	-150.00
-4.093	492.435	-150.00	-4.000	492.574	-2.00	581+0.000	492.654	492.232	0.422	4.000	492.574	-2.00	4.373	492.015	-150.00
-4.137	492.364	-150.00	-4.000	492.570	-2.00	582+0.000	492.650	492.160	0.490	4.000	492.570	-2.00	4.418	491.942	-150.00
-4.178	492.298	-150.00	-4.000	492.565	-2.00	583+0.000	492.645	492.142	0.503	4.000	492.565	-2.00	4.391	491.978	-150.00
-4.150	492.332	-150.00	-4.000	492.558	-2.00	584+0.000	492.638	492.231	0.407	4.000	492.558	-2.00	4.302	492.105	-150.00
-4.172	492.142	-150.00	-4.000	492.400	-2.00	585+0.000	492.480	492.060	0.421	4.000	492.400	-2.00	4.283	491.975	-150.00
-4.221	491.842	-150.00	-4.000	492.174	-2.00	586+0.000	492.254	491.792	0.462	4.000	492.174	-2.00	4.289	491.740	-150.00
-4.215	491.625	-150.00	-4.000	491.947	-2.00	587+0.000	492.027	491.598	0.429	4.000	491.947	-2.00	4.253	491.568	-150.00
-4.191	491.529	-150.00	-4.000	491.816	-2.00	588+0.000	491.896	491.511	0.385	4.000	491.816	-2.00	4.200	491.516	-150.00
-4.243	491.681	-150.00	-4.000	492.046	-2.00	589+0.000	492.126	491.683	0.443	4.000	492.046	-2.00	4.238	491.689	-150.00
-4.230	491.987	-150.00	-4.000	492.332	-2.00	590+0.000	492.412	491.991	0.421	4.000	492.332	-2.00	4.227	491.992	-150.00
-4.188	492.335	-150.00	-4.000	492.617	-2.00	591+0.000	492.697	492.334	0.363	4.000	492.617	-2.00	4.204	492.312	-150.00
-4.184	492.539	-150.00	-4.000	492.815	-2.00	592+0.000	492.895	492.522	0.374	4.000	492.815	-2.00	4.207	492.504	-150.00
-4.161	492.747	-150.00	-4.000	492.988	-2.00	593+0.000	493.068	492.736	0.333	4.000	492.988	-2.00	4.177	492.724	-150.00
-4.146	492.942	-150.00	-4.000	493.161	-2.00	594+0.000	493.241	492.972	0.269	4.000	493.161	-2.00	4.128	492.969	-150.00
-4.198	493.036	-150.00	-4.000	493.334	-2.00	595+0.000	493.414	493.137	0.277	4.000	493.334	-2.00	4.066	493.235	-150.00

Osvaldo Leôncio da
Diretor da Unidade
Projetos e Obras
Secretaria

-4.236	493.152	-150.00	-4.000	493.507	-2.00	596+0.000	493.587	493.256	0.331	4.000	493.507	-2.00	4.101	493.356	-150.00
-4.260	493.290	-150.00	-4.000	493.680	-2.00	597+0.000	493.760	493.396	0.363	4.000	493.680	-2.00	4.120	493.499	-150.00
-4.352	493.174	-150.00	-4.000	493.701	-2.00	598+0.000	493.781	493.372	0.409	4.000	493.701	-2.00	4.108	493.539	-150.00
-4.372	492.767	-150.00	-4.000	493.325	-2.00	599+0.000	493.405	492.936	0.469	4.000	493.325	-2.00	4.152	493.097	-150.00
-4.392	491.984	-150.00	-4.000	492.572	-2.00	600+0.000	492.652	492.135	0.517	4.000	492.572	-2.00	4.187	492.291	-150.00
-4.391	491.152	-150.00	-4.000	491.738	-2.00	601+0.000	491.818	491.314	0.504	4.000	491.738	-2.00	4.180	491.467	-150.00
-4.374	490.188	-150.00	-4.000	490.748	-2.00	602+0.000	490.828	490.341	0.487	4.000	490.748	-2.00	4.174	490.488	-150.00
-4.289	489.389	-150.00	-4.000	489.823	-2.00	603+0.000	489.903	489.443	0.459	4.000	489.823	-2.00	4.218	489.496	-150.00
-4.330	488.533	-150.00	-4.000	489.028	-2.00	604+0.000	489.108	488.656	0.452	4.000	489.028	-2.00	4.211	488.712	-150.00
-4.263	487.944	-150.00	-4.000	488.339	-2.00	605+0.000	488.419	487.968	0.451	4.000	488.339	-2.00	4.231	487.992	-150.00
-4.262	487.322	-150.00	-4.000	487.715	-2.00	606+0.000	487.795	487.366	0.429	4.000	487.715	-2.00	4.204	487.409	-150.00
-4.304	486.968	-150.00	-4.000	487.424	-2.00	607+0.000	487.504	487.081	0.423	4.000	487.424	-2.00	4.155	487.191	-150.00
-4.225	487.231	-150.00	-4.000	487.568	-2.00	608+0.000	487.648	487.290	0.358	4.000	487.568	-2.00	4.147	487.348	-150.00
-4.042	487.807	-150.00	-4.000	487.870	-2.00	609+0.000	487.950	487.818	0.132	4.000	487.870	-2.00	4.036	487.816	-150.00
-4.060	488.090	-150.00	-4.000	488.181	-2.00	610+0.000	488.261	488.049	0.212	4.000	488.181	-2.00	4.116	488.006	-150.00
-4.055	488.409	-150.00	-4.000	488.491	-2.00	611+0.000	488.571	488.380	0.191	4.000	488.491	-2.00	4.102	488.339	-150.00
-4.041	488.740	-150.00	-4.000	488.802	-2.00	612+0.000	488.882	488.702	0.179	4.000	488.802	-2.00	4.079	488.683	-150.00
-4.078	489.164	66.67	-4.000	489.112	-2.00	613+0.000	489.192	489.031	0.161	4.000	489.112	-2.00	4.144	488.896	-150.00
-4.023	489.388	-150.00	-4.000	489.422	-2.00	614+0.000	489.502	489.262	0.240	4.000	489.422	-2.00	4.194	489.131	-150.00
-4.030	489.687	-150.00	-4.000	489.733	-2.00	615+0.000	489.813	489.528	0.285	4.000	489.733	-2.00	4.256	489.349	-150.00
-4.066	489.945	-150.00	-4.000	490.045	-2.00	616+0.000	490.125	489.764	0.361	4.000	490.045	-2.00	4.316	489.571	-150.00
-4.055	490.289	-150.00	-4.000	490.372	-2.00	617+0.000	490.452	490.098	0.354	4.000	490.372	-2.00	4.314	489.902	-150.00
-4.074	490.717	-150.00	-4.000	490.827	-2.00	618+0.000	490.907	490.507	0.401	4.000	490.827	-2.00	4.364	490.282	-150.00
-4.037	491.259	-150.00	-4.000	491.315	-2.00	619+0.000	491.395	491.042	0.354	4.000	491.315	-2.00	4.338	490.807	-150.00
-4.147	491.579	-150.00	-4.000	491.798	-2.00	620+0.000	491.878	491.383	0.496	4.000	491.798	-2.00	4.416	491.174	-150.00
-4.255	491.898	-150.00	-4.000	492.280	-2.00	621+0.000	492.360	491.722	0.638	4.000	492.280	-2.00	4.496	491.537	-150.00
-4.192	492.473	-150.00	-4.000	492.762	-2.00	622+0.000	492.842	492.291	0.551	4.000	492.762	-2.00	4.443	492.098	-150.00
-4.058	493.169	-150.00	-4.000	493.256	-2.00	623+0.000	493.336	493.039	0.296	4.000	493.256	-2.00	4.256	492.871	-150.00
-4.047	494.102	-150.00	-4.000	494.173	-2.00	624+0.000	494.253	493.961	0.292	4.000	494.173	-2.00	4.239	493.814	-150.00
-4.084	495.023	-150.00	-4.000	495.149	-2.00	625+0.000	495.229	494.928	0.301	4.000	495.149	-2.00	4.244	494.783	-150.00
-4.047	495.989	-150.00	-4.000	496.059	-2.00	626+0.000	496.139	495.831	0.308	4.000	496.059	-2.00	4.259	495.670	-150.00
-4.146	496.400	-150.00	-4.000	496.619	-2.00	627+0.000	496.699	496.267	0.433	4.000	496.619	-2.00	4.328	496.128	-150.00
-4.147	496.739	-150.00	-4.000	496.958	-2.00	628+0.000	497.038	496.671	0.367	4.000	496.958	-2.00	4.290	496.523	-150.00
-4.334	496.522	-150.00	-4.000	497.023	-2.00	629+0.000	497.103	496.481	0.622	4.000	497.023	-2.00	4.398	496.425	-150.00
-4.535	496.259	-150.00	-4.000	497.061	-2.00	630+0.000	497.141	496.192	0.949	4.000	497.061	-2.00	4.631	496.115	-150.00
-4.708	496.038	-150.00	-4.000	497.100	-2.00	631+0.000	497.180	496.034	1.146	4.000	497.100	-2.00	4.782	495.928	-150.00
-4.708	496.076	-150.00	-4.000	497.138	-2.00	632+0.000	497.218	496.025	1.194	4.000	497.138	-2.00	4.807	495.928	-150.00
-4.731	496.080	-150.00	-4.000	497.177	-2.00	633+0.000	497.257	496.032	1.225	4.000	497.177	-2.00	4.796	495.983	-150.00
-4.637	496.261	-150.00	-4.000	497.216	-2.00	634+0.000	497.296	496.218	1.077	4.000	497.216	-2.00	4.711	496.149	-150.00
-4.545	496.436	-150.00	-4.000	497.254	-2.00	635+0.000	497.334	496.430	0.904	4.000	497.254	-2.00	4.551	496.428	-150.00
-4.372	496.735	-150.00	-4.000	497.293	-2.00	636+0.000	497.373	496.726	0.647	4.000	497.293	-2.00	4.384	496.716	-150.00
-4.214	497.010	-150.00	-4.000	497.331	-2.00	637+0.000	497.411	496.990	0.421	4.000	497.331	-2.00	4.242	496.968	-150.00
-4.183	497.192	-150.00	-4.000	497.466	-2.00	638+0.000	497.546	497.166	0.381	4.000	497.466	-2.00	4.226	497.127	-150.00
-4.182	497.178	-150.00	-4.000	497.450	-2.00	639+0.000	497.530	497.146	0.384	4.000	497.450	-2.00	4.224	497.114	-150.00
-4.109	497.106	-150.00	-4.000	497.270	-2.00	640+0.000	497.350	497.081	0.268	4.000	497.270	-2.00	4.142	497.056	-150.00
-4.106	496.929	-150.00	-4.000	497.089	-2.00	641+0.000	497.169	496.899	0.270	4.000	497.089	-2.00	4.147	496.869	-150.00
-4.162	496.665	-150.00	-4.000	496.908	-2.00	642+0.000	496.988	496.639	0.349	4.000	496.908	-2.00	4.197	496.613	-150.00
-4.221	496.370	-150.00	-4.000	496.702	-2.00	643+0.000	496.782	496.343	0.439	4.000	496.702	-2.00	4.289	496.269	-150.00
-4.296	495.980	-150.00	-4.000	496.423	-2.00	644+0.000	496.503	495.901	0.603	4.000	496.423	-2.00	4.403	495.819	-150.00
-4.407	495.534	-150.00	-4.000	496.145	-2.00	645+0.000	496.225	495.442	0.783	4.000	496.145	-2.00	4.531	495.348	-150.00
-4.522	495.084	-150.00	-4.000	495.867	-2.00	646+0.000	495.947	494.985	0.962	4.000	495.867	-2.00	4.656	494.883	-150.00
-4.467	494.888	-150.00	-4.000	495.589	-2.00	647+0.000	495.669	494.789	0.879	4.000	495.589	-2.00	4.612	494.670	-150.00
-4.363	494.766	-150.00	-4.000	495.310	-2.00	648+0.000	495.390	494.653	0.738	4.000	495.310	-2.00	4.536	494.506	-150.00
-4.309	494.568	-150.00	-4.000	495.032	-2.00	649+0.000	495.112	494.429	0.683	4.000	495.032	-2.00	4.527	494.241	-150.00
-4.262	494.360	-150.00	-4.000	494.754	-2.00	650+0.000	494.834	494.168	0.665	4.000	494.754	-2.00	4.526	493.965	-150.00
-4.224	494.139	-150.00	-4.000	494.476	-2.00	651+0.000	494.556	493.938	0.617	4.000	494.476	-2.00	4.501	493.724	-150.00
-4.182	493.925	-150.00	-4.000	494.197	-2.00	652+0.000	494.277	493.777	0.500	4.000	494.197	-2.00	4.384	493.622	-150.00
-4.167	493.812	-150.00	-4.000	494.062	-2.00	653+0.000	494.142	493.661	0.481	4.000	494.062	-2.00	4.349	493.538	-150.00
-4.113	494.034	-150.00	-4.000	494.203	-2.00	654+0.000	494.283	493.917	0.366	4.000	494.203	-2.00	4.271	493.797	-150.00
-4.110	494.355	-150.00	-4.000	494.520	-2.00	655+0.000	494.600	494.238	0.362	4.000	494.520	-2.00	4.250	494.145	-150.00
-4.153	494.584	-150.00	-4.000	494.814	-2.00	656+0.000	494.894	494.603	0.291	4.000	494.814	-2.00	4.117	494.638	-150.00
-4.066	494.984	-150.00	-4.000	495.082	-2.00	657+0.000	495.162	495.019	0.144	4.000	495.082	-2.00	4.019	495.053	-150.00
-4.035	495.298	-150.00	-4.000	495.351	-2.00	658+0.000	495.431	495.338	0.093	4.000	495.351	-2.00	4.040	495.377	66.67
-4.027	495.579	-150.00	-4.000	495.620	-2.00	659+0.000	495.700	495.623	0.077	4.000	495.620	-2.00	4.071	495.667	66.67
-4.058	495.801	-150.00	-4.000	495.888	-2.00	660+0.000	495.968	495.842	0.126	4.000	495.888	-2.00			
-4.170	495.902	-150.00	-4.000	496.157	-2.00	661+0.000	496.237	495.950	0.287	4.000	496.157	-2.00	4.106	495.998	-150.00
-4.236	495.995	-150.00	-4.000	496.349	-2.00	662+0.000	496.429	496.031	0.398	4.000	496.349	-2.00	4.208	496.036	-150.00

Osvaldo Leonardo
Diretor
Projetos e Obras
Secretaria

-4.234	496.014	-150.00	-4.000	496.364	-2.00	663+0.000	496.444	495.990	0.455	4.000	496.364	-2.00	4.293	495.924	-150.00
-4.232	496.030	-150.00	-4.000	496.378	-2.00	664+0.000	496.458	496.055	0.403	4.000	496.378	-2.00	4.207	496.068	-150.00
-4.227	496.051	-150.00	-4.000	496.392	-2.00	665+0.000	496.472	496.076	0.396	4.000	496.392	-2.00	4.195	496.100	-150.00
-4.220	496.127	-150.00	-4.000	496.457	-2.00	666+0.000	496.537	496.160	0.376	4.000	496.457	-2.00	4.175	496.193	-150.00
-4.235	496.231	-150.00	-4.000	496.584	-2.00	667+0.000	496.664	496.246	0.418	4.000	496.584	-2.00	4.243	496.219	-150.00
-4.231	496.041	-150.00	-4.000	496.388	-2.00	668+0.000	496.468	496.029	0.438	4.000	496.388	-2.00	4.247	496.017	-150.00
-4.232	495.841	-150.00	-4.000	496.189	-2.00	669+0.000	496.269	495.823	0.447	4.000	496.189	-2.00	4.256	495.805	-150.00
-4.219	495.662	-150.00	-4.000	495.991	-2.00	670+0.000	496.071	495.646	0.425	4.000	495.991	-2.00	4.240	495.630	-150.00
-4.213	495.480	-150.00	-4.000	495.800	-2.00	671+0.000	495.880	495.468	0.413	4.000	495.800	-2.00	4.230	495.455	-150.00
-4.218	495.377	-150.00	-4.000	495.704	-2.00	672+0.000	495.784	495.366	0.418	4.000	495.704	-2.00	4.232	495.355	-150.00
-4.185	495.367	-150.00	-4.000	495.644	-2.00	673+0.000	495.724	495.330	0.394	4.000	495.644	-2.00	4.218	495.317	-150.00
-4.025	495.560	-150.00	-4.000	495.597	-2.00	674+0.000	495.677	495.584	0.093	4.000	495.597	-2.00	4.016	495.607	66.67
-4.613	495.959	66.67	-4.000	495.551	-2.00	675+0.000	495.631	495.987	-0.356	4.000	495.551	-2.00	4.669	495.997	66.67
-5.358	496.411	66.67	-4.000	495.505	-2.00	676+0.000	495.585	496.411	-0.826	4.000	495.505	-2.00	5.364	496.414	66.67
-6.041	496.820	66.67	-4.000	495.460	-2.00	677+0.000	495.540	496.821	-1.281	4.000	495.460	-2.00	6.049	496.825	66.67
-6.388	497.006	66.67	-4.000	495.414	-2.00	678+0.000	495.494	496.928	-1.434	4.000	495.414	-2.00	6.297	496.945	66.67
-5.933	496.657	66.67	-4.000	495.368	-2.00	679+0.000	495.448	496.584	-1.136	4.000	495.368	-2.00	5.867	496.613	66.67
-5.417	496.267	66.67	-4.000	495.322	-2.00	680+0.000	495.402	496.228	-0.826	4.000	495.322	-2.00	5.256	496.160	66.67
-4.908	495.882	66.67	-4.000	495.277	-2.00	681+0.000	495.357	495.844	-0.488	4.000	495.277	-2.00	4.751	495.777	66.67
-4.403	495.499	66.67	-4.000	495.231	-2.00	682+0.000	495.311	495.464	-0.153	4.000	495.231	-2.00	4.254	495.400	66.67
-4.052	495.108	-150.00	-4.000	495.185	-2.00	683+0.000	495.265	495.069	0.196	4.000	495.185	-2.00	4.103	495.030	-150.00
-4.184	494.863	-150.00	-4.000	495.139	-2.00	684+0.000	495.219	494.827	0.393	4.000	495.139	-2.00	4.233	494.790	-150.00
-4.222	494.777	-150.00	-4.000	495.109	-2.00	685+0.000	495.189	494.785	0.404	4.000	495.109	-2.00	4.224	494.773	-150.00
-4.227	494.743	-150.00	-4.000	495.083	-2.00	686+0.000	495.163	494.749	0.414	4.000	495.083	-2.00	4.226	494.744	-150.00
-4.265	494.659	-150.00	-4.000	495.056	-2.00	687+0.000	495.136	494.714	0.423	4.000	495.056	-2.00	4.200	494.756	-150.00
-4.291	494.594	-150.00	-4.000	495.030	-2.00	688+0.000	495.110	494.647	0.463	4.000	495.030	-2.00	4.227	494.690	-150.00
-4.300	494.553	-150.00	-4.000	495.003	-2.00	689+0.000	495.083	494.629	0.455	4.000	495.003	-2.00	4.201	494.702	-150.00
-4.274	494.566	-150.00	-4.000	494.977	-2.00	690+0.000	495.057	494.641	0.416	4.000	494.977	-2.00	4.175	494.714	-150.00
-4.264	494.631	-150.00	-4.000	495.026	-2.00	691+0.000	495.106	494.741	0.365	4.000	495.026	-2.00	4.119	494.847	-150.00
-4.271	494.734	-150.00	-4.000	495.141	-2.00	692+0.000	495.221	494.846	0.375	4.000	495.141	-2.00	4.125	494.954	-150.00
-4.300	494.780	-150.00	-4.000	495.230	-2.00	693+0.000	495.310	494.905	0.405	4.000	495.230	-2.00	4.131	495.033	-150.00
-4.300	494.723	-150.00	-4.000	495.173	-2.00	694+0.000	495.253	494.846	0.408	4.000	495.173	-2.00	4.133	494.973	-150.00
-4.301	494.660	-150.00	-4.000	495.111	-2.00	695+0.000	495.191	494.772	0.419	4.000	495.111	-2.00	4.160	494.872	-150.00
-4.223	494.405	-150.00	-4.000	494.740	-2.00	696+0.000	494.820	494.506	0.314	4.000	494.740	-2.00	4.092	494.602	-150.00
-4.099	494.163	-150.00	-4.000	494.312	-2.00	697+0.000	494.392	494.240	0.152	4.000	494.312	-2.00			
-4.232	493.535	-150.00	-4.000	493.884	-2.00	698+0.000	493.964	493.617	0.347	4.000	493.884	-2.00	4.120	493.703	-150.00
-4.280	493.035	-150.00	-4.000	493.456	-2.00	699+0.000	493.536	493.072	0.464	4.000	493.456	-2.00	4.231	493.109	-150.00
-4.238	492.672	-150.00	-4.000	493.028	-2.00	700+0.000	493.108	492.673	0.436	4.000	493.028	-2.00	4.212	492.710	-150.00
-4.233	492.380	-150.00	-4.000	492.729	-2.00	701+0.000	492.809	492.378	0.431	4.000	492.729	-2.00	4.235	492.376	-150.00
-4.233	491.994	-150.00	-4.000	492.344	-2.00	702+0.000	492.424	491.988	0.435	4.000	492.344	-2.00	4.240	491.983	-150.00
-4.050	491.572	-150.00	-4.000	491.647	-2.00	703+0.000	491.727	491.546	0.181	4.000	491.647	-2.00	4.123	491.463	-150.00
-4.037	490.895	-150.00	-4.000	490.950	-2.00	704+0.000	491.030	490.755	0.275	4.000	490.950	-2.00	4.227	490.609	-150.00
-4.113	490.084	-150.00	-4.000	490.253	-2.00	705+0.000	490.333	489.933	0.400	4.000	490.253	-2.00	4.319	489.775	-150.00
-4.177	489.297	-150.00	-4.000	489.562	-2.00	706+0.000	489.642	489.192	0.450	4.000	489.562	-2.00	4.305	489.104	-150.00
-4.155	488.810	-150.00	-4.000	489.043	-2.00	707+0.000	489.123	488.698	0.425	4.000	489.043	-2.00	4.315	488.571	-150.00
-4.191	488.248	-150.00	-4.000	488.534	-2.00	708+0.000	488.614	488.204	0.410	4.000	488.534	-2.00	4.276	488.120	-150.00
-4.374	487.766	-150.00	-4.000	488.327	-2.00	709+0.000	488.407	487.809	0.598	4.000	488.327	-2.00	4.318	487.851	-150.00
-4.229	488.014	-150.00	-4.000	488.359	-2.00	710+0.000	488.439	488.049	0.390	4.000	488.359	-2.00	4.183	488.084	-150.00
-4.219	488.592	-150.00	-4.000	488.920	-2.00	711+0.000	489.000	488.677	0.322	4.000	488.920	-2.00	4.123	488.736	-150.00
-4.225	489.322	-150.00	-4.000	489.659	-2.00	712+0.000	489.739	489.405	0.335	4.000	489.659	-2.00	4.131	489.463	-150.00
-4.295	489.855	-150.00	-4.000	490.298	-2.00	713+0.000	490.378	489.993	0.385	4.000	490.298	-2.00	4.074	490.188	-150.00
-4.327	490.236	-150.00	-4.000	490.727	-2.00	714+0.000	490.807	490.429	0.378	4.000	490.727	-2.00	4.069	490.623	-150.00
-4.404	490.191	-150.00	-4.000	490.798	-2.00	715+0.000	490.878	490.411	0.467	4.000	490.798	-2.00	4.155	490.566	-150.00
-4.413	489.623	-150.00	-4.000	490.244	-2.00	716+0.000	490.324	489.839	0.484	4.000	490.244	-2.00	4.135	490.041	-150.00
-4.364	489.152	-150.00	-4.000	489.698	-2.00	717+0.000	489.778	489.340	0.438	4.000	489.698	-2.00	4.120	489.518	-150.00
-4.319	488.902	-150.00	-4.000	489.379	-2.00	718+0.000	489.459	489.034	0.425	4.000	489.379	-2.00	4.145	489.161	-150.00
-4.310	488.542	-150.00	-4.000	489.006	-2.00	719+0.000	489.086	488.620	0.465	4.000	489.006	-2.00	4.206	488.697	-150.00
-4.329	487.977	-150.00	-4.000	488.471	-2.00	720+0.000	488.551	488.079	0.472	4.000	488.471	-2.00	4.200	488.171	-150.00
-4.363	486.908	-150.00	-4.000	487.453	-2.00	721+0.000	487.533	486.996	0.537	4.000	487.453	-2.00	4.248	487.081	-150.00
-4.441	485.753	-150.00	-4.000	486.414	-2.00	722+0.000	486.494	485.843	0.651	4.000	486.414	-2.00	4.325	485.927	-150.00
-4.565	484.536	-150.00	-4.000	485.383	-2.00	723+0.000	485.463	484.596	0.868	4.000	485.383	-2.00	4.486	484.655	-150.00
-4.742	483.239	-150.00	-4.000	484.353	-2.00	724+0.000	484.433	483.301	1.131	4.000	484.353	-2.00	4.651	483.376	-150.00
-4.754	482.190	-150.00	-4.000	483.322	-2.00	725+0.000	483.402	482.172	1.230	4.000	483.322	-2.00	4.753	482.192	-150.00
-4.627	481.378	-150.00	-4.000	482.319	-2.00	726+0.000	482.399	481.360	1.039	4.000	482.319	-2.00	4.602	481.415	-150.00
-4.530	481.121	-150.00	-4.000	481.916	-2.00	727+0.000	481.996	481.239	0.757	4.000	481.916	-2.00	4.366	481.367	-150.00
-4.509	481.326	-150.00	-4.000	482.089	-2.00	728+0.000	482.169	481.414	0.755	4.000	482.089	-2.00	4.397	481.494	-150.00
-4.372	481.724	-150.00	-4.000	482.282	-2.00	729+0.000	482.362	481.786	0.576	4.000	482.282	-2.00	4.290	481.847	-150.00

Osvaldo Leônicio da Silva
Diretor da Diretoria de Projetos e Obras
Secretaria dos Transportes

-4.276	482.060	-150.00	-4.000	482.475	-2.00	730+0.000	482.555	482.173	0.382	4.000	482.475	-2.00	4.129	482.282	-150.00
-4.279	482.249	-150.00	-4.000	482.667	-2.00	731+0.000	482.747	482.363	0.384	4.000	482.667	-2.00	4.129	482.474	-150.00
-4.281	482.254	-150.00	-4.000	482.676	-2.00	732+0.000	482.756	482.401	0.355	4.000	482.676	-2.00	4.090	482.542	-150.00
-4.327	481.921	-150.00	-4.000	482.412	-2.00	733+0.000	482.492	482.042	0.450	4.000	482.412	-2.00	4.213	482.092	-150.00
-4.301	481.357	-150.00	-4.000	481.808	-2.00	734+0.000	481.888	481.406	0.482	4.000	481.808	-2.00	4.236	481.455	-150.00
-4.304	480.714	-150.00	-4.000	481.170	-2.00	735+0.000	481.250	480.741	0.509	4.000	481.170	-2.00	4.269	480.767	-150.00
-4.275	480.120	-150.00	-4.000	480.532	-2.00	736+0.000	480.612	480.144	0.468	4.000	480.532	-2.00	4.242	480.169	-150.00
-4.221	479.793	-150.00	-4.000	480.123	-2.00	737+0.000	480.203	479.819	0.385	4.000	480.123	-2.00	4.186	479.844	-150.00
-4.221	479.821	-150.00	-4.000	480.153	-2.00	738+0.000	480.233	479.843	0.390	4.000	480.153	-2.00	4.207	479.842	-150.00
-4.181	480.066	-150.00	-4.000	480.338	-2.00	739+0.000	480.418	480.046	0.372	4.000	480.338	-2.00	4.208	480.025	-150.00
-4.139	480.546	-150.00	-4.000	480.755	-2.00	740+0.000	480.835	480.505	0.330	4.000	480.755	-2.00	4.195	480.463	-150.00
-4.133	481.205	-150.00	-4.000	481.405	-2.00	741+0.000	481.485	481.152	0.334	4.000	481.405	-2.00	4.211	481.089	-150.00
-4.139	481.748	-150.00	-4.000	481.956	-2.00	742+0.000	482.036	481.619	0.417	4.000	481.956	-2.00	4.314	481.485	-150.00
-4.141	482.266	-150.00	-4.000	482.477	-2.00	743+0.000	482.557	482.141	0.417	4.000	482.477	-2.00	4.312	482.010	-150.00
-4.057	482.920	-150.00	-4.000	483.005	-2.00	744+0.000	483.085	482.720	0.365	4.000	483.005	-2.00	4.332	482.507	-150.00
-4.102	483.400	-150.00	-4.000	483.554	-2.00	745+0.000	483.634	483.204	0.430	4.000	483.554	-2.00	4.373	482.994	-150.00
-4.240	483.744	-150.00	-4.000	484.103	-2.00	746+0.000	484.183	483.623	0.560	4.000	484.103	-2.00	4.436	483.449	-150.00
-4.326	484.163	-150.00	-4.000	484.652	-2.00	747+0.000	484.732	483.982	0.750	4.000	484.652	-2.00	4.575	483.790	-150.00
-4.529	484.407	-150.00	-4.000	485.201	-2.00	748+0.000	485.281	484.299	0.982	4.000	485.201	-2.00	4.674	484.189	-150.00
-4.592	484.862	-150.00	-4.000	485.750	-2.00	749+0.000	485.830	484.652	1.178	4.000	485.750	-2.00	4.880	484.430	-150.00
-4.654	485.318	-150.00	-4.000	486.299	-2.00	750+0.000	486.379	485.209	1.170	4.000	486.299	-2.00	4.802	485.097	-150.00
-4.362	486.305	-150.00	-4.000	486.848	-2.00	751+0.000	486.928	486.187	0.742	4.000	486.848	-2.00	4.520	486.069	-150.00
-4.156	487.164	-150.00	-4.000	487.397	-2.00	752+0.000	487.477	487.113	0.364	4.000	487.397	-2.00	4.224	487.061	-150.00
-4.028	488.279	-150.00	-4.000	488.321	-2.00	753+0.000	488.401	488.117	0.284	4.000	488.321	-2.00	4.260	487.931	-150.00
-4.087	489.050	66.67	-4.000	488.992	-2.00	754+0.000	489.072	488.838	0.234	4.000	488.992	-2.00	4.247	488.622	-150.00
-4.041	489.611	66.67	-4.000	489.584	-2.00	755+0.000	489.664	489.418	0.245	4.000	489.584	-2.00	4.245	489.216	-150.00
-4.035	490.146	-150.00	-4.000	490.199	-2.00	756+0.000	490.279	489.987	0.292	4.000	490.199	-2.00	4.253	489.819	-150.00
-4.102	491.222	66.67	-4.000	491.154	-2.00	757+0.000	491.234	491.153	0.081	4.000	491.154	-2.00	4.065	491.057	-150.00
-4.214	492.262	66.67	-4.000	492.120	-2.00	758+0.000	492.200	492.181	0.019	4.000	492.120	-2.00	4.011	492.103	-150.00
-4.019	493.056	-150.00	-4.000	493.085	-2.00	759+0.000	493.165	493.186	-0.021	4.000	493.085	-2.00	4.347	493.317	66.67
-4.301	493.546	-150.00	-4.000	493.998	-2.00	760+0.000	494.078	493.693	0.385	4.000	493.998	-2.00	4.110	493.834	-150.00
-4.459	493.514	-150.00	-4.000	494.203	-2.00	761+0.000	494.283	493.838	0.445	4.000	494.203	-2.00	4.051	494.127	-150.00
-4.454	493.141	-150.00	-4.000	493.822	-2.00	762+0.000	493.902	493.459	0.443	4.000	493.822	-2.00	4.065	493.725	-150.00
-4.476	492.641	-150.00	-4.000	493.355	-2.00	763+0.000	493.435	492.979	0.456	4.000	493.355	-2.00	4.080	493.235	-150.00
-4.431	492.160	-150.00	-4.000	492.806	-2.00	764+0.000	492.886	492.465	0.420	4.000	492.806	-2.00	4.081	492.684	-150.00
-4.388	491.942	-150.00	-4.000	492.524	-2.00	765+0.000	492.604	492.214	0.390	4.000	492.524	-2.00	4.076	492.410	-150.00
-4.360	491.933	-150.00	-4.000	492.472	-2.00	766+0.000	492.552	492.173	0.379	4.000	492.472	-2.00	4.080	492.352	-150.00
-4.429	492.117	-150.00	-4.000	492.760	-2.00	767+0.000	492.840	492.367	0.473	4.000	492.760	-2.00	4.131	492.563	-150.00
-4.364	492.501	-150.00	-4.000	493.047	-2.00	768+0.000	493.127	492.696	0.431	4.000	493.047	-2.00	4.112	492.879	-150.00
-4.312	492.867	-150.00	-4.000	493.334	-2.00	769+0.000	493.414	493.044	0.370	4.000	493.334	-2.00	4.085	493.207	-150.00
-4.271	493.215	-150.00	-4.000	493.622	-2.00	770+0.000	493.702	493.386	0.316	4.000	493.622	-2.00	4.049	493.547	-150.00
-4.311	493.442	-150.00	-4.000	493.909	-2.00	771+0.000	493.989	493.629	0.360	4.000	493.909	-2.00	4.069	493.805	-150.00
-4.335	493.645	-150.00	-4.000	494.148	-2.00	772+0.000	494.228	493.830	0.397	4.000	494.148	-2.00	4.091	494.011	-150.00
-4.253	493.794	-150.00	-4.000	494.173	-2.00	773+0.000	494.253	493.997	0.256	4.000	494.173	-2.00	4.023	494.189	66.67
-4.155	493.959	-150.00	-4.000	494.191	-2.00	774+0.000	494.271	494.155	0.116	4.000	494.191	-2.00	4.243	494.353	66.67
-4.122	494.025	-150.00	-4.000	494.209	-2.00	775+0.000	494.289	494.213	0.076	4.000	494.209	-2.00	4.299	494.408	66.67
-4.200	493.926	-150.00	-4.000	494.226	-2.00	776+0.000	494.306	494.147	0.159	4.000	494.226	-2.00	4.214	494.369	66.67
-4.337	493.738	-150.00	-4.000	494.244	-2.00	777+0.000	494.324	493.962	0.362	4.000	494.244	-2.00	4.049	494.171	-150.00
-4.413	493.406	-150.00	-4.000	494.026	-2.00	778+0.000	494.106	493.634	0.472	4.000	494.026	-2.00	4.120	493.846	-150.00
-4.389	492.720	-150.00	-4.000	493.304	-2.00	779+0.000	493.384	492.953	0.431	4.000	493.304	-2.00	4.042	493.240	-150.00
-4.397	491.985	-150.00	-4.000	492.580	-2.00	780+0.000	492.660	492.333	0.327	4.000	492.580	-2.00	4.120	492.660	66.67
-4.469	491.153	-150.00	-4.000	491.857	-2.00	781+0.000	491.937	491.571	0.366	4.000	491.857	-2.00	4.074	491.906	66.67
-4.517	490.358	-150.00	-4.000	491.133	-2.00	782+0.000	491.213	490.772	0.441	4.000	491.133	-2.00	4.015	491.143	66.67
-4.556	489.756	-150.00	-4.000	490.589	-2.00	783+0.000	490.669	490.163	0.506	4.000	490.589	-2.00	4.032	490.540	-150.00
-4.812	489.265	-150.00	-4.000	490.482	-2.00	784+0.000	490.562	489.716	0.846	4.000	490.482	-2.00	4.249	490.109	-150.00
-4.752	489.248	-150.00	-4.000	490.376	-2.00	785+0.000	490.456	489.669	0.786	4.000	490.376	-2.00	4.221	490.044	-150.00
-4.644	489.303	-150.00	-4.000	490.269	-2.00	786+0.000	490.349	489.733	0.616	4.000	490.269	-2.00	4.107	490.108	-150.00
-4.444	489.499	-150.00	-4.000	490.165	-2.00	787+0.000	490.245	489.850	0.396	4.000	490.165	-2.00			
-4.411	489.642	-150.00	-4.000	490.258	-2.00	788+0.000	490.338	489.980	0.358	4.000	490.258	-2.00	4.048	490.290	66.67
-4.361	489.887	-150.00	-4.000	490.428	-2.00	789+0.000	490.508	490.155	0.353	4.000	490.428	-2.00			
-4.381	490.026	-150.00	-4.000	490.597	-2.00	790+0.000	490.677	490.294	0.383	4.000	490.597	-2.00	4.037	490.541	-150.00
-4.449	490.073	-150.00	-4.000	490.746	-2.00	791+0.000	490.826	490.346	0.480	4.000	490.746	-2.00	4.100	490.597	-150.00
-4.432	490.247	-150.00	-4.000	490.895	-2.00	792+0.000	490.975	490.505	0.470	4.000	490.895	-2.00	4.100	490.746	-150.00
-4.374	490.484	-150.00	-4.000	491.044	-2.00	793+0.000	491.124	490.731	0.394	4.000	491.044	-2.00	4.051	490.969	-150.00
-4.309	490.836	-150.00	-4.000	491.300	-2.00	794+0.000	491.380	491.029	0.351	4.000	491.300	-2.00	4.059	491.212	-150.00
-4.265	491.262	-150.00	-4.000	491.660	-2.00	795+0.000	491.740	491.439	0.301	4.000	491.660	-2.00	4.036	491.606	-150.00
-4.263	491.627	-150.00	-4.000	492.021	-2.00	796+0.000	492.101	491.780	0.321	4.000	492.021	-2.00	4.062	491.927	-150.00

Osvaldo Leônco
Projetos

-4.295	491.930	-150.00	-4.000	492.372	-2.00	797+0.000	492.452	492.059	0.393	4.000	492.372	-2.00	4.127	492.183	-150.00
-4.287	492.065	-150.00	-4.000	492.494	-2.00	798+0.000	492.574	492.159	0.415	4.000	492.494	-2.00	4.154	492.263	-150.00
-4.256	492.142	-150.00	-4.000	492.526	-2.00	799+0.000	492.606	492.197	0.409	4.000	492.526	-2.00	4.183	492.251	-150.00
-4.203	492.046	-150.00	-4.000	492.349	-2.00	800+0.000	492.429	492.093	0.336	4.000	492.349	-2.00	4.140	492.140	-150.00
-4.219	491.844	-150.00	-4.000	492.173	-2.00	801+0.000	492.253	491.876	0.377	4.000	492.173	-2.00	4.176	491.908	-150.00
-4.235	491.605	-150.00	-4.000	491.959	-2.00	802+0.000	492.039	491.594	0.445	4.000	491.959	-2.00	4.238	491.602	-150.00
-4.229	491.233	-150.00	-4.000	491.576	-2.00	803+0.000	491.656	491.214	0.442	4.000	491.576	-2.00	4.254	491.196	-150.00
-4.257	490.778	-150.00	-4.000	491.164	-2.00	804+0.000	491.244	490.791	0.453	4.000	491.164	-2.00	4.239	490.806	-150.00
-4.250	490.343	-150.00	-4.000	490.718	-2.00	805+0.000	490.798	490.358	0.440	4.000	490.718	-2.00	4.230	490.373	-150.00
-4.246	490.016	-150.00	-4.000	490.385	-2.00	806+0.000	490.465	490.038	0.427	4.000	490.385	-2.00	4.217	490.060	-150.00
-4.217	489.832	-150.00	-4.000	490.158	-2.00	807+0.000	490.238	489.852	0.386	4.000	490.158	-2.00	4.191	489.872	-150.00
-4.235	489.772	-150.00	-4.000	490.125	-2.00	808+0.000	490.205	489.790	0.415	4.000	490.125	-2.00	4.212	489.807	-150.00
-4.211	489.957	-150.00	-4.000	490.274	-2.00	809+0.000	490.354	490.014	0.340	4.000	490.274	-2.00	4.137	490.069	-150.00
-4.218	490.316	-150.00	-4.000	490.643	-2.00	810+0.000	490.723	490.360	0.364	4.000	490.643	-2.00	4.138	490.436	-150.00
-4.244	490.857	-150.00	-4.000	491.224	-2.00	811+0.000	491.304	490.940	0.364	4.000	491.224	-2.00	4.136	491.020	-150.00
-4.298	491.415	-150.00	-4.000	491.862	-2.00	812+0.000	491.942	491.560	0.382	4.000	491.862	-2.00	4.110	491.697	-150.00
-4.319	492.022	-150.00	-4.000	492.500	-2.00	813+0.000	492.580	492.222	0.359	4.000	492.500	-2.00	4.064	492.405	-150.00
-4.303	492.685	-150.00	-4.000	493.139	-2.00	814+0.000	493.219	492.884	0.335	4.000	493.139	-2.00	4.050	493.063	-150.00
-4.311	493.259	-150.00	-4.000	493.726	-2.00	815+0.000	493.806	493.464	0.341	4.000	493.726	-2.00	4.032	493.677	-150.00
-4.369	493.706	-150.00	-4.000	494.259	-2.00	816+0.000	494.339	493.962	0.377	4.000	494.259	-2.00	4.043	494.194	-150.00
-4.396	493.959	-150.00	-4.000	494.553	-2.00	817+0.000	494.633	494.222	0.411	4.000	494.553	-2.00	4.058	494.467	-150.00
-4.477	494.130	-150.00	-4.000	494.846	-2.00	818+0.000	494.926	494.402	0.523	4.000	494.846	-2.00	4.128	494.654	-150.00
-4.556	494.304	-150.00	-4.000	495.138	-2.00	819+0.000	495.218	494.604	0.614	4.000	495.138	-2.00	4.175	494.876	-150.00
-4.689	494.397	-150.00	-4.000	495.431	-2.00	820+0.000	495.511	494.759	0.751	4.000	495.431	-2.00	4.230	495.086	-150.00
-4.706	494.665	-150.00	-4.000	495.723	-2.00	821+0.000	495.803	495.096	0.707	4.000	495.723	-2.00	4.189	495.440	-150.00
-4.692	494.977	-150.00	-4.000	496.016	-2.00	822+0.000	496.096	495.405	0.691	4.000	496.016	-2.00	4.155	495.783	-150.00
-4.574	495.448	-150.00	-4.000	496.308	-2.00	823+0.000	496.388	495.887	0.502	4.000	496.308	-2.00	4.013	496.289	-150.00
-4.473	495.891	-150.00	-4.000	496.601	-2.00	824+0.000	496.681	496.339	0.342	4.000	496.601	-2.00	4.244	496.763	66.67
-4.383	496.319	-150.00	-4.000	496.893	-2.00	825+0.000	496.973	496.800	0.173	4.000	496.893	-2.00	4.622	497.308	66.67
-4.536	496.374	-150.00	-4.000	497.178	-2.00	826+0.000	497.258	496.869	0.390	4.000	497.178	-2.00	4.212	497.320	66.67
-4.557	496.246	-150.00	-4.000	497.082	-2.00	827+0.000	497.162	496.705	0.457	4.000	497.082	-2.00	4.083	497.137	66.67
-4.467	495.838	-150.00	-4.000	496.539	-2.00	828+0.000	496.619	496.268	0.350	4.000	496.539	-2.00	4.202	496.673	66.67
-4.524	495.234	-150.00	-4.000	496.020	-2.00	829+0.000	496.100	495.667	0.433	4.000	496.020	-2.00	4.047	496.052	66.67
-4.394	495.590	-150.00	-4.000	496.180	-2.00	830+0.000	496.260	495.968	0.293	4.000	496.180	-2.00	4.262	496.355	66.67
-4.404	496.245	-150.00	-4.000	496.851	-2.00	831+0.000	496.931	496.617	0.314	4.000	496.851	-2.00	4.179	496.970	66.67
-4.354	497.150	-150.00	-4.000	497.681	-2.00	832+0.000	497.761	497.486	0.275	4.000	497.681	-2.00	4.194	497.810	66.67
-4.362	498.131	-150.00	-4.000	498.675	-2.00	833+0.000	498.755	498.452	0.303	4.000	498.675	-2.00	4.013	498.683	66.67
-4.269	499.266	-150.00	-4.000	499.669	-2.00	834+0.000	499.749	499.465	0.283	4.000	499.669	-2.00	4.010	499.653	-150.00
-4.229	500.425	-150.00	-4.000	500.769	-2.00	835+0.000	500.849	500.618	0.231	4.000	500.769	-2.00	4.051	500.803	66.67
-4.238	501.610	-150.00	-4.000	501.967	-2.00	836+0.000	502.047	501.780	0.267	4.000	501.967	-2.00	4.017	501.942	-150.00
-4.268	502.518	-150.00	-4.000	502.920	-2.00	837+0.000	503.000	502.681	0.320	4.000	502.920	-2.00	4.057	502.835	-150.00
-4.247	503.266	-150.00	-4.000	503.636	-2.00	838+0.000	503.716	503.363	0.353	4.000	503.636	-2.00	4.131	503.439	-150.00
-4.217	503.766	-150.00	-4.000	504.091	-2.00	839+0.000	504.171	503.820	0.351	4.000	504.091	-2.00	4.145	503.873	-150.00
-4.251	504.106	-150.00	-4.000	504.482	-2.00	840+0.000	504.562	504.174	0.388	4.000	504.482	-2.00	4.161	504.241	-150.00
-4.252	504.363	-150.00	-4.000	504.740	-2.00	841+0.000	504.820	504.447	0.373	4.000	504.740	-2.00	4.161	504.498	-150.00
-4.221	504.413	-150.00	-4.000	504.744	-2.00	842+0.000	504.824	504.492	0.333	4.000	504.744	-2.00	4.113	504.575	-150.00
-4.133	504.367	-150.00	-4.000	504.567	-2.00	843+0.000	504.647	504.453	0.194	4.000	504.567	-2.00	4.026	504.528	-150.00
-4.163	504.145	-150.00	-4.000	504.389	-2.00	844+0.000	504.469	504.246	0.223	4.000	504.389	-2.00	4.029	504.346	-150.00
-4.182	503.938	-150.00	-4.000	504.211	-2.00	845+0.000	504.291	504.077	0.214	4.000	504.211	-2.00			
-4.226	503.694	-150.00	-4.000	504.033	-2.00	846+0.000	504.113	503.846	0.267	4.000	504.033	-2.00	4.034	503.983	-150.00
-4.229	503.512	-150.00	-4.000	503.856	-2.00	847+0.000	503.936	503.642	0.294	4.000	503.856	-2.00	4.061	503.764	-150.00
-4.292	503.240	-150.00	-4.000	503.678	-2.00	848+0.000	503.758	503.372	0.386	4.000	503.678	-2.00	4.119	503.499	-150.00
-4.358	502.886	-150.00	-4.000	503.423	-2.00	849+0.000	503.503	503.051	0.452	4.000	503.423	-2.00	4.144	503.207	-150.00
-4.243	502.396	-150.00	-4.000	502.760	-2.00	850+0.000	502.840	502.555	0.285	4.000	502.760	-2.00	4.036	502.706	-150.00
-4.290	501.591	-150.00	-4.000	502.026	-2.00	851+0.000	502.106	501.795	0.311	4.000	502.026	-2.00	4.036	501.971	-150.00
-4.434	500.631	-150.00	-4.000	501.283	-2.00	852+0.000	501.363	500.864	0.499	4.000	501.283	-2.00	4.135	501.081	-150.00
-4.502	499.249	-150.00	-4.000	500.001	-2.00	853+0.000	500.081	499.522	0.559	4.000	500.001	-2.00	4.115	499.828	-150.00
-4.568	497.730	-150.00	-4.000	498.582	-2.00	854+0.000	498.662	498.119	0.543	4.000	498.582	-2.00	4.077	498.466	-150.00
-4.571	496.307	-150.00	-4.000	497.164	-2.00	855+0.000	497.244	496.721	0.523	4.000	497.164	-2.00	4.049	497.090	-150.00
-4.547	495.025	-150.00	-4.000	495.845	-2.00	856+0.000	495.925	495.469	0.455	4.000	495.845	-2.00			
-4.580	493.659	-150.00	-4.000	494.529	-2.00	857+0.000	494.609	494.078	0.531	4.000	494.529	-2.00	4.054	494.448	-150.00
-4.525	492.800	-150.00	-4.000	493.588	-2.00	858+0.000	493.668	493.183	0.485	4.000	493.588	-2.00	4.025	493.551	-150.00
-4.396	492.305	-150.00	-4.000	492.900	-2.00	859+0.000	492.980	492.578	0.401	4.000	492.900	-2.00	4.031	492.854	-150.00
-4.426	491.675	-150.00	-4.000	492.314	-2.00	860+0.000	492.394	491.934	0.460	4.000	492.314	-2.00	4.005	492.318	66.67
-4.315	491.461	-150.00	-4.000	491.934	-2.00	861+0.000	492.014	491.605	0.409	4.000	491.934	-2.00	4.155	492.037	66.67
-4.319	491.263	-150.00	-4.000	491.741	-2.00	862+0.000	491.821	491.461	0.360	4.000	491.741	-2.00	4.036	491.765	66.67
-4.337	491.420	-150.00	-4.000	491.926	-2.00	863+0.000	492.006	491.622	0.383	4.000	491.926	-2.00	4.076	491.812	-150.00

Obra de Engenharia da Se...
Engenharia e S...
Projetos e Obra...
Secretaria de Estado...

-4.439	491.439	-150.00	-4.000	492.098	-2.00	864+0.000	492.178	491.654	0.524	4.000	492.098	-2.00	4.161	491.857	-150.00
-4.544	491.454	-150.00	-4.000	492.271	-2.00	865+0.000	492.351	491.691	0.660	4.000	492.271	-2.00	4.240	491.911	-150.00
-4.499	491.695	-150.00	-4.000	492.443	-2.00	866+0.000	492.523	491.920	0.603	4.000	492.443	-2.00	4.209	492.130	-150.00
-4.326	492.128	-150.00	-4.000	492.616	-2.00	867+0.000	492.696	492.147	0.549	4.000	492.616	-2.00	4.258	492.230	-150.00
-4.224	492.453	-150.00	-4.000	492.789	-2.00	868+0.000	492.869	492.482	0.387	4.000	492.789	-2.00	4.185	492.511	-150.00
-4.212	492.645	-150.00	-4.000	492.963	-2.00	869+0.000	493.043	492.676	0.368	4.000	492.963	-2.00	4.173	492.703	-150.00
-4.227	492.770	-150.00	-4.000	493.111	-2.00	870+0.000	493.191	492.794	0.396	4.000	493.111	-2.00	4.195	492.819	-150.00
-4.239	492.763	-150.00	-4.000	493.121	-2.00	871+0.000	493.201	492.796	0.405	4.000	493.121	-2.00	4.195	492.829	-150.00
-4.377	492.660	-150.00	-4.000	493.226	-2.00	872+0.000	493.306	492.692	0.614	4.000	493.226	-2.00	4.335	492.724	-150.00
-4.516	492.568	-150.00	-4.000	493.343	-2.00	873+0.000	493.423	492.621	0.801	4.000	493.343	-2.00	4.446	492.674	-150.00
-4.619	492.531	-150.00	-4.000	493.459	-2.00	874+0.000	493.539	492.602	0.937	4.000	493.459	-2.00	4.525	492.672	-150.00
-4.620	492.646	-150.00	-4.000	493.576	-2.00	875+0.000	493.656	492.713	0.942	4.000	493.576	-2.00	4.531	492.779	-150.00
-4.546	492.873	-150.00	-4.000	493.692	-2.00	876+0.000	493.772	492.896	0.876	4.000	493.692	-2.00	4.509	492.929	-150.00
-4.345	493.290	-150.00	-4.000	493.808	-2.00	877+0.000	493.888	493.307	0.582	4.000	493.808	-2.00	4.331	493.311	-150.00
-4.176	493.661	-150.00	-4.000	493.925	-2.00	878+0.000	494.005	493.632	0.373	4.000	493.925	-2.00	4.233	493.575	-150.00
-4.054	493.922	66.67	-4.000	493.886	-2.00	879+0.000	493.966	493.868	0.098	4.000	493.886	-2.00	4.048	493.814	-150.00
-4.104	493.853	66.67	-4.000	493.784	-2.00	880+0.000	493.864	493.810	0.054	4.000	493.784	-2.00	4.010	493.768	-150.00
-4.009	493.668	-150.00	-4.000	493.682	-2.00	881+0.000	493.762	493.639	0.122	4.000	493.682	-2.00	4.047	493.610	-150.00
-4.146	493.360	-150.00	-4.000	493.579	-2.00	882+0.000	493.659	493.347	0.313	4.000	493.579	-2.00	4.164	493.333	-150.00
-4.209	493.164	-150.00	-4.000	493.477	-2.00	883+0.000	493.557	493.166	0.391	4.000	493.477	-2.00	4.207	493.166	-150.00
-4.197	493.106	-150.00	-4.000	493.401	-2.00	884+0.000	493.481	493.111	0.371	4.000	493.401	-2.00	4.195	493.109	-150.00
-4.192	493.378	-150.00	-4.000	493.666	-2.00	885+0.000	493.746	493.388	0.359	4.000	493.666	-2.00	4.188	493.385	-150.00
-4.192	493.917	-150.00	-4.000	494.205	-2.00	886+0.000	494.285	493.984	0.300	4.000	494.205	-2.00	4.102	494.052	-150.00
-4.200	494.682	-150.00	-4.000	494.982	-2.00	887+0.000	495.062	494.748	0.314	4.000	494.982	-2.00	4.112	494.815	-150.00
-4.168	495.654	-150.00	-4.000	495.907	-2.00	888+0.000	495.987	495.691	0.296	4.000	495.907	-2.00	4.104	495.751	-150.00
-4.149	496.774	-150.00	-4.000	496.997	-2.00	889+0.000	497.077	496.817	0.260	4.000	496.997	-2.00	4.092	496.859	-150.00
-4.150	497.954	-150.00	-4.000	498.178	-2.00	890+0.000	498.258	497.992	0.266	4.000	498.178	-2.00	4.089	498.045	-150.00
-4.095	499.304	-150.00	-4.000	499.446	-2.00	891+0.000	499.526	499.305	0.221	4.000	499.446	-2.00	4.093	499.307	-150.00
-4.010	500.741	66.67	-4.000	500.734	-2.00	892+0.000	500.814	500.740	0.075	4.000	500.734	-2.00	4.006	500.738	66.67
-4.059	502.062	66.67	-4.000	502.022	-2.00	893+0.000	502.102	502.092	0.011	4.000	502.022	-2.00	4.132	502.110	66.67
-4.052	503.233	-150.00	-4.000	503.311	-2.00	894+0.000	503.391	503.262	0.129	4.000	503.311	-2.00	4.014	503.290	-150.00
-4.152	504.364	-150.00	-4.000	504.591	-2.00	895+0.000	504.671	504.387	0.284	4.000	504.591	-2.00	4.133	504.391	-150.00
-4.247	505.067	-150.00	-4.000	505.437	-2.00	896+0.000	505.517	505.179	0.338	4.000	505.437	-2.00	4.100	505.287	-150.00
-4.288	505.565	-150.00	-4.000	505.997	-2.00	897+0.000	506.077	505.694	0.384	4.000	505.997	-2.00	4.120	505.817	-150.00
-4.441	505.270	-150.00	-4.000	505.932	-2.00	898+0.000	506.012	505.449	0.563	4.000	505.932	-2.00	4.210	505.616	-150.00
-4.374	504.595	-150.00	-4.000	505.155	-2.00	899+0.000	505.235	504.724	0.511	4.000	505.155	-2.00	4.204	504.849	-150.00
-4.383	503.574	-150.00	-4.000	504.149	-2.00	900+0.000	504.229	503.706	0.523	4.000	504.149	-2.00	4.203	503.845	-150.00
-4.387	502.554	-150.00	-4.000	503.135	-2.00	901+0.000	503.215	502.639	0.576	4.000	503.135	-2.00	4.275	502.723	-150.00
-4.453	501.442	-150.00	-4.000	502.122	-2.00	902+0.000	502.202	501.508	0.693	4.000	502.122	-2.00	4.354	501.590	-150.00
-4.365	500.560	-150.00	-4.000	501.108	-2.00	903+0.000	501.188	500.633	0.555	4.000	501.108	-2.00	4.272	500.700	-150.00
-4.313	499.695	-150.00	-4.000	500.165	-2.00	904+0.000	500.245	499.773	0.472	4.000	500.165	-2.00	4.211	499.849	-150.00
-4.305	499.011	-150.00	-4.000	499.469	-2.00	905+0.000	499.549	499.088	0.461	4.000	499.469	-2.00	4.215	499.146	-150.00
-4.291	498.394	-150.00	-4.000	498.830	-2.00	906+0.000	498.910	498.464	0.446	4.000	498.830	-2.00	4.210	498.515	-150.00
-4.284	497.801	-150.00	-4.000	498.226	-2.00	907+0.000	498.306	497.852	0.454	4.000	498.226	-2.00	4.216	497.903	-150.00
-4.250	497.414	-150.00	-4.000	497.790	-2.00	908+0.000	497.870	497.458	0.412	4.000	497.790	-2.00	4.192	497.501	-150.00
-4.239	497.246	-150.00	-4.000	497.604	-2.00	909+0.000	497.684	497.284	0.400	4.000	497.604	-2.00	4.211	497.288	-150.00
-4.232	497.180	-150.00	-4.000	497.527	-2.00	910+0.000	497.607	497.215	0.392	4.000	497.527	-2.00	4.185	497.250	-150.00
-4.230	497.106	-150.00	-4.000	497.451	-2.00	911+0.000	497.531	497.141	0.390	4.000	497.451	-2.00	4.184	497.175	-150.00
-4.250	496.989	-150.00	-4.000	497.363	-2.00	912+0.000	497.443	497.029	0.415	4.000	497.363	-2.00	4.204	497.057	-150.00
-4.255	496.678	-150.00	-4.000	497.060	-2.00	913+0.000	497.140	496.701	0.439	4.000	497.060	-2.00	4.224	496.723	-150.00
-4.238	496.436	-150.00	-4.000	496.793	-2.00	914+0.000	496.873	496.477	0.396	4.000	496.793	-2.00	4.181	496.521	-150.00
-4.230	496.411	-150.00	-4.000	496.756	-2.00	915+0.000	496.836	496.453	0.382	4.000	496.756	-2.00	4.174	496.495	-150.00
-4.236	496.765	-150.00	-4.000	497.119	-2.00	916+0.000	497.199	496.841	0.358	4.000	497.119	-2.00	4.110	496.954	-150.00
-4.191	497.506	-150.00	-4.000	497.792	-2.00	917+0.000	497.872	497.611	0.262	4.000	497.792	-2.00	4.053	497.712	-150.00
-4.264	498.797	-150.00	-4.000	499.193	-2.00	918+0.000	499.273	498.952	0.320	4.000	499.193	-2.00	4.060	499.103	-150.00
-4.200	500.324	-150.00	-4.000	500.625	-2.00	919+0.000	500.705	500.480	0.225	4.000	500.625	-2.00	4.007	500.629	66.67
-4.091	501.921	-150.00	-4.000	502.057	-2.00	920+0.000	502.137	502.114	0.023	4.000	502.057	-2.00	4.396	502.321	66.67
-4.062	503.396	-150.00	-4.000	503.489	-2.00	921+0.000	503.569	503.587	-0.018	4.000	503.489	-2.00	4.489	503.816	66.67
-4.166	504.673	-150.00	-4.000	504.922	-2.00	922+0.000	505.002	504.878	0.124	4.000	504.922	-2.00	4.246	505.086	66.67
-4.297	505.711	-150.00	-4.000	506.157	-2.00	923+0.000	506.237	505.943	0.293	4.000	506.157	-2.00	4.007	506.146	-150.00
-4.363	506.317	-150.00	-4.000	506.861	-2.00	924+0.000	506.941	506.603	0.338	4.000	506.861	-2.00	4.033	506.812	-150.00
-4.434	506.739	-150.00	-4.000	507.390	-2.00	925+0.000	507.470	507.070	0.401	4.000	507.390	-2.00	4.052	507.312	-150.00
-4.376	507.095	-150.00	-4.000	507.659	-2.00	926+0.000	507.739	507.417	0.322	4.000	507.659	-2.00	4.054	507.695	66.67
-4.438	507.022	-150.00	-4.000	507.679	-2.00	927+0.000	507.759	507.339	0.421	4.000	507.679	-2.00	4.035	507.627	-150.00
-4.446	506.771	-150.00	-4.000	507.440	-2.00	928+0.000	507.520	507.079	0.441	4.000	507.440	-2.00	4.053	507.360	-150.00
-4.450	506.408	-150.00	-4.000	507.082	-2.00	929+0.000	507.162	506.705	0.457	4.000	507.082	-2.00	4.070	506.977	-150.00
-4.433	506.075	-150.00	-4.000	506.724	-2.00	930+0.000	506.804	506.361	0.443	4.000	506.724	-2.00	4.071	506.617	-150.00

Oswaldo Leônicio da Silva Filho
Diretor Superintendente de Obras
Portaria nº [illegible]
Secretaria de Infraestrutura

-4.395	505.642	-150.00	-4.000	506.235	-2.00	931+0.000	506.315	505.917	0.399	4.000	506.235	-2.00	4.044	506.169	-150.00
-4.374	505.130	-150.00	-4.000	505.690	-2.00	932+0.000	505.770	505.384	0.386	4.000	505.690	-2.00	4.042	505.627	-150.00
-4.436	504.492	-150.00	-4.000	505.146	-2.00	933+0.000	505.226	504.781	0.444	4.000	505.146	-2.00	4.080	505.026	-150.00
-4.485	503.873	-150.00	-4.000	504.601	-2.00	934+0.000	504.681	504.183	0.498	4.000	504.601	-2.00	4.095	504.459	-150.00
-4.597	503.160	-150.00	-4.000	504.056	-2.00	935+0.000	504.136	503.404	0.732	4.000	504.056	-2.00	4.254	503.675	-150.00
-4.528	502.719	-150.00	-4.000	503.511	-2.00	936+0.000	503.591	502.949	0.642	4.000	503.511	-2.00	4.232	503.164	-150.00
-4.445	502.299	-150.00	-4.000	502.967	-2.00	937+0.000	503.047	502.504	0.543	4.000	502.967	-2.00	4.180	502.696	-150.00
-4.390	501.836	-150.00	-4.000	502.422	-2.00	938+0.000	502.502	502.004	0.498	4.000	502.422	-2.00	4.157	502.186	-150.00
-4.311	501.411	-150.00	-4.000	501.877	-2.00	939+0.000	501.957	501.498	0.459	4.000	501.877	-2.00	4.179	501.609	-150.00
-4.322	500.848	-150.00	-4.000	501.331	-2.00	940+0.000	501.411	500.952	0.459	4.000	501.331	-2.00	4.193	501.041	-150.00
-4.322	500.143	-150.00	-4.000	500.625	-2.00	941+0.000	500.705	500.245	0.460	4.000	500.625	-2.00	4.187	500.344	-150.00
-4.339	499.361	-150.00	-4.000	499.868	-2.00	942+0.000	499.948	499.471	0.477	4.000	499.868	-2.00	4.187	499.588	-150.00
-4.347	498.783	-150.00	-4.000	499.304	-2.00	943+0.000	499.384	498.939	0.445	4.000	499.304	-2.00	4.145	499.087	-150.00
-4.314	498.499	-150.00	-4.000	498.969	-2.00	944+0.000	499.049	498.648	0.401	4.000	498.969	-2.00	4.119	498.790	-150.00
-4.316	498.471	-150.00	-4.000	498.945	-2.00	945+0.000	499.025	498.645	0.380	4.000	498.945	-2.00	4.090	498.811	-150.00
-4.184	498.957	-150.00	-4.000	499.232	-2.00	946+0.000	499.312	499.105	0.207	4.000	499.232	-2.00	4.010	499.239	66.67
-4.232	499.481	-150.00	-4.000	499.829	-2.00	947+0.000	499.909	499.610	0.299	4.000	499.829	-2.00	4.063	499.734	-150.00
-4.265	499.988	-150.00	-4.000	500.385	-2.00	948+0.000	500.465	500.110	0.355	4.000	500.385	-2.00	4.105	500.228	-150.00
-4.277	500.232	-150.00	-4.000	500.647	-2.00	949+0.000	500.727	500.370	0.357	4.000	500.647	-2.00	4.097	500.502	-150.00
-4.234	500.530	-150.00	-4.000	500.881	-2.00	950+0.000	500.961	500.625	0.336	4.000	500.881	-2.00	4.109	500.717	-150.00
-4.247	500.760	-150.00	-4.000	501.131	-2.00	951+0.000	501.211	500.837	0.374	4.000	501.131	-2.00	4.146	500.913	-150.00
-4.199	501.100	-150.00	-4.000	501.399	-2.00	952+0.000	501.479	501.101	0.378	4.000	501.399	-2.00	4.192	501.110	-150.00
-4.164	501.425	-150.00	-4.000	501.672	-2.00	953+0.000	501.752	501.433	0.319	4.000	501.672	-2.00	4.154	501.441	-150.00
-4.121	501.764	-150.00	-4.000	501.945	-2.00	954+0.000	502.025	501.773	0.252	4.000	501.945	-2.00	4.109	501.782	-150.00
-4.018	502.191	-150.00	-4.000	502.218	-2.00	955+0.000	502.298	502.109	0.189	4.000	502.218	-2.00	4.052	502.140	-150.00
-4.188	502.209	-150.00	-4.000	502.491	-2.00	956+0.000	502.571	502.221	0.350	4.000	502.491	-2.00	4.172	502.233	-150.00
-4.246	502.221	-150.00	-4.000	502.590	-2.00	957+0.000	502.670	502.216	0.455	4.000	502.590	-2.00	4.253	502.211	-150.00
-4.276	502.122	-150.00	-4.000	502.536	-2.00	958+0.000	502.616	502.219	0.397	4.000	502.536	-2.00	4.148	502.313	-150.00
-4.303	502.027	-150.00	-4.000	502.481	-2.00	959+0.000	502.561	502.113	0.448	4.000	502.481	-2.00	4.188	502.199	-150.00
-4.336	501.922	-150.00	-4.000	502.426	-2.00	960+0.000	502.506	502.039	0.468	4.000	502.426	-2.00	4.184	502.151	-150.00
-4.253	501.992	-150.00	-4.000	502.372	-2.00	961+0.000	502.452	502.044	0.407	4.000	502.372	-2.00	4.146	502.152	-150.00
-4.209	502.149	-150.00	-4.000	502.462	-2.00	962+0.000	502.542	502.168	0.374	4.000	502.462	-2.00	4.168	502.210	-150.00
-4.299	502.253	-150.00	-4.000	502.702	-2.00	963+0.000	502.782	502.290	0.492	4.000	502.702	-2.00	4.250	502.328	-150.00
-4.409	502.336	-150.00	-4.000	502.950	-2.00	964+0.000	503.030	502.325	0.705	4.000	502.950	-2.00	4.422	502.317	-150.00
-4.204	502.892	-150.00	-4.000	503.198	-2.00	965+0.000	503.278	502.855	0.422	4.000	503.198	-2.00	4.253	502.819	-150.00
-4.090	503.716	-150.00	-4.000	503.851	-2.00	966+0.000	503.931	503.656	0.276	4.000	503.851	-2.00	4.171	503.594	-150.00
-4.066	504.855	-150.00	-4.000	504.955	-2.00	967+0.000	505.035	504.772	0.262	4.000	504.955	-2.00	4.147	504.734	-150.00
-4.097	506.379	-150.00	-4.000	506.525	-2.00	968+0.000	506.605	506.371	0.234	4.000	506.525	-2.00	4.112	506.356	-150.00
-4.045	508.348	66.67	-4.000	508.317	-2.00	969+0.000	508.397	508.193	0.204	4.000	508.317	-2.00	4.205	508.011	-150.00
-4.196	510.087	66.67	-4.000	509.957	-2.00	970+0.000	510.037	509.814	0.222	4.000	509.957	-2.00	4.276	509.542	-150.00
-4.223	511.526	66.67	-4.000	511.377	-2.00	971+0.000	511.457	511.205	0.252	4.000	511.377	-2.00	4.335	510.875	-150.00
-4.164	512.767	66.67	-4.000	512.657	-2.00	972+0.000	512.737	512.429	0.308	4.000	512.657	-2.00	4.389	512.073	-150.00
-4.247	513.872	66.67	-4.000	513.707	-2.00	973+0.000	513.787	513.500	0.287	4.000	513.707	-2.00	4.375	513.145	-150.00
-4.407	514.832	66.67	-4.000	514.561	-2.00	974+0.000	514.641	514.463	0.177	4.000	514.561	-2.00	4.333	514.062	-150.00
-4.517	515.562	66.67	-4.000	515.217	-2.00	975+0.000	515.297	515.140	0.157	4.000	515.217	-2.00	4.320	514.737	-150.00
-4.397	515.942	66.67	-4.000	515.678	-2.00	976+0.000	515.758	515.562	0.196	4.000	515.678	-2.00	4.332	515.180	-150.00
-4.280	516.128	66.67	-4.000	515.941	-2.00	977+0.000	516.021	515.769	0.252	4.000	515.941	-2.00	4.358	515.404	-150.00
-4.149	516.108	66.67	-4.000	516.008	-2.00	978+0.000	516.088	515.759	0.329	4.000	516.008	-2.00	4.447	515.338	-150.00
-4.223	516.027	66.67	-4.000	515.878	-2.00	979+0.000	515.958	515.640	0.318	4.000	515.878	-2.00	4.431	515.231	-150.00
-4.507	515.903	66.67	-4.000	515.565	-2.00	980+0.000	515.645	515.490	0.155	4.000	515.565	-2.00	4.313	515.095	-150.00
-4.528	515.562	66.67	-4.000	515.210	-2.00	981+0.000	515.290	515.166	0.123	4.000	515.210	-2.00	4.278	514.793	-150.00
-4.425	515.138	66.67	-4.000	514.855	-2.00	982+0.000	514.935	514.770	0.164	4.000	514.855	-2.00	4.296	514.410	-150.00
-4.041	514.527	66.67	-4.000	514.500	-2.00	983+0.000	514.580	514.184	0.396	4.000	514.500	-2.00	4.463	513.805	-150.00
-4.101	513.781	-150.00	-4.000	513.932	-2.00	984+0.000	514.012	513.526	0.486	4.000	513.932	-2.00	4.509	513.168	-150.00
-4.073	512.827	-150.00	-4.000	512.936	-2.00	985+0.000	513.016	512.579	0.437	4.000	512.936	-2.00	4.421	512.305	-150.00
-4.092	511.787	-150.00	-4.000	511.925	-2.00	986+0.000	512.005	511.551	0.454	4.000	511.925	-2.00	4.429	511.281	-150.00
-4.101	510.780	-150.00	-4.000	510.932	-2.00	987+0.000	511.012	510.538	0.474	4.000	510.932	-2.00	4.416	510.308	-150.00
-4.061	510.035	-150.00	-4.000	510.126	-2.00	988+0.000	510.206	509.785	0.422	4.000	510.126	-2.00	4.333	509.627	-150.00
-4.011	509.771	-150.00	-4.000	509.787	-2.00	989+0.000	509.867	509.459	0.408	4.000	509.787	-2.00	4.297	509.341	-150.00
-4.075	509.927	-150.00	-4.000	510.039	-2.00	990+0.000	510.119	509.620	0.499	4.000	510.039	-2.00	4.409	509.425	-150.00
-4.100	510.656	66.67	-4.000	510.589	-2.00	991+0.000	510.669	510.364	0.305	4.000	510.589	-2.00	4.310	510.124	-150.00
-4.064	511.525	66.67	-4.000	511.482	-2.00	992+0.000	511.562	511.251	0.311	4.000	511.482	-2.00	4.329	510.989	-150.00
-4.055	512.490	66.67	-4.000	512.453	-2.00	993+0.000	512.533	512.211	0.323	4.000	512.453	-2.00	4.366	511.904	-150.00
-4.094	513.268	66.67	-4.000	513.206	-2.00	994+0.000	513.286	512.941	0.344	4.000	513.206	-2.00	4.349	512.682	-150.00
-4.031	513.526	-150.00	-4.000	513.573	-2.00	995+0.000	513.653	513.273	0.380	4.000	513.573	-2.00	4.384	512.997	-150.00
-4.035	513.790	-150.00	-4.000	513.843	-2.00	996+0.000	513.923	513.532	0.391	4.000	513.843	-2.00	4.394	513.252	-150.00
-4.040	513.994	-150.00	-4.000	514.054	-2.00	997+0.000	514.134	513.718	0.416	4.000	514.054	-2.00	4.425	513.417	-150.00

Osvaldo Leôncio da [illegible] Filho
Diretor da Diretoria de Projetos
Projetos e Obras - DPO
Secretaria das Cidades - SECID

-4.098	514.081	66.67	-4.000	514.016	-2.00	998+0.000	514.096	513.767	0.329	4.000	514.016	-2.00	4.338	513.509	-150.00
-4.020	514.601	-150.00	-4.000	514.630	-2.00	999+0.000	514.710	514.345	0.365	4.000	514.630	-2.00	4.375	514.067	-150.00
-4.033	515.199	-150.00	-4.000	515.249	-2.00	1000+0.000	515.329	514.939	0.389	4.000	515.249	-2.00	4.395	514.656	-150.00
-4.040	515.808	-150.00	-4.000	515.868	-2.00	1001+0.000	515.948	515.563	0.385	4.000	515.868	-2.00	4.376	515.303	-150.00
-4.010	516.441	-150.00	-4.000	516.455	-2.00	1002+0.000	516.535	516.194	0.342	4.000	516.455	-2.00	4.354	515.925	-150.00
-4.064	516.660	-150.00	-4.000	516.755	-2.00	1003+0.000	516.835	516.399	0.436	4.000	516.755	-2.00	4.427	516.115	-150.00
-4.072	516.685	-150.00	-4.000	516.794	-2.00	1004+0.000	516.874	516.479	0.394	4.000	516.794	-2.00	4.358	516.256	-150.00
-4.032	516.769	-150.00	-4.000	516.817	-2.00	1005+0.000	516.897	516.576	0.320	4.000	516.817	-2.00	4.306	516.358	-150.00
-4.026	516.684	-150.00	-4.000	516.723	-2.00	1006+0.000	516.803	516.438	0.365	4.000	516.723	-2.00	4.373	516.163	-150.00
-4.049	516.449	-150.00	-4.000	516.522	-2.00	1007+0.000	516.602	516.195	0.407	4.000	516.522	-2.00	4.400	515.922	-150.00
-4.014	516.583	-150.00	-4.000	516.605	-2.00	1008+0.000	516.685	516.298	0.387	4.000	516.605	-2.00	4.417	515.979	-150.00
-4.053	516.720	-150.00	-4.000	516.799	-2.00	1009+0.000	516.879	516.426	0.453	4.000	516.799	-2.00	4.465	516.102	-150.00
-4.039	516.935	-150.00	-4.000	516.993	-2.00	1010+0.000	517.073	516.632	0.441	4.000	516.993	-2.00	4.464	516.297	-150.00
-4.015	517.158	66.67	-4.000	517.148	-2.00	1011+0.000	517.228	516.852	0.376	4.000	517.148	-2.00	4.422	516.515	-150.00
-4.028	517.161	-150.00	-4.000	517.203	-2.00	1012+0.000	517.283	516.883	0.400	4.000	517.203	-2.00	4.417	516.577	-150.00
-4.043	517.190	-150.00	-4.000	517.255	-2.00	1013+0.000	517.335	516.935	0.400	4.000	517.255	-2.00	4.400	516.655	-150.00
-4.081	517.001	-150.00	-4.000	517.123	-2.00	1014+0.000	517.203	516.771	0.432	4.000	517.123	-2.00	4.411	516.507	-150.00
-4.085	516.846	-150.00	-4.000	516.974	-2.00	1015+0.000	517.054	516.635	0.419	4.000	516.974	-2.00	4.376	516.410	-150.00
-4.083	516.700	-150.00	-4.000	516.824	-2.00	1016+0.000	516.904	516.493	0.412	4.000	516.824	-2.00	4.369	516.271	-150.00
-4.062	516.651	-150.00	-4.000	516.745	-2.00	1017+0.000	516.825	516.466	0.359	4.000	516.745	-2.00	4.318	516.268	-150.00
-4.089	516.559	-150.00	-4.000	516.694	-2.00	1018+0.000	516.774	516.377	0.396	4.000	516.694	-2.00	4.321	516.213	-150.00
-4.112	516.665	-150.00	-4.000	516.833	-2.00	1019+0.000	516.913	516.528	0.385	4.000	516.833	-2.00	4.294	516.392	-150.00
-4.170	516.686	-150.00	-4.000	516.941	-2.00	1020+0.000	517.021	516.556	0.464	4.000	516.941	-2.00	4.331	516.445	-150.00
-4.095	516.480	-150.00	-4.000	516.623	-2.00	1021+0.000	516.703	516.380	0.324	4.000	516.623	-2.00	4.232	516.276	-150.00
-4.134	516.099	-150.00	-4.000	516.300	-2.00	1022+0.000	516.380	516.032	0.348	4.000	516.300	-2.00	4.215	515.977	-150.00
-4.270	515.571	-150.00	-4.000	515.977	-2.00	1023+0.000	516.057	515.504	0.553	4.000	515.977	-2.00	4.343	515.462	-150.00
-4.277	515.025	-150.00	-4.000	515.440	-2.00	1024+0.000	515.520	514.969	0.551	4.000	515.440	-2.00	4.356	514.905	-150.00
-4.257	514.257	-150.00	-4.000	514.642	-2.00	1025+0.000	514.722	514.251	0.470	4.000	514.642	-2.00	4.263	514.246	-150.00
-4.288	513.418	-150.00	-4.000	513.849	-2.00	1026+0.000	513.929	513.398	0.532	4.000	513.849	-2.00	4.315	513.377	-150.00
-4.255	512.899	-150.00	-4.000	513.282	-2.00	1027+0.000	513.362	512.829	0.533	4.000	513.282	-2.00	4.333	512.782	-150.00
-4.325	512.562	-150.00	-4.000	513.050	-2.00	1028+0.000	513.130	512.512	0.619	4.000	513.050	-2.00	4.393	512.460	-150.00
-4.284	512.729	-150.00	-4.000	513.154	-2.00	1029+0.000	513.234	512.653	0.581	4.000	513.154	-2.00	4.386	512.575	-150.00
-4.139	513.385	-150.00	-4.000	513.594	-2.00	1030+0.000	513.674	513.247	0.427	4.000	513.594	-2.00	4.348	513.072	-150.00
-4.061	514.278	-150.00	-4.000	514.370	-2.00	1031+0.000	514.450	514.116	0.334	4.000	514.370	-2.00	4.284	513.944	-150.00
-4.109	515.218	-150.00	-4.000	515.381	-2.00	1032+0.000	515.461	515.067	0.394	4.000	515.381	-2.00	4.312	514.913	-150.00
-4.052	516.324	-150.00	-4.000	516.402	-2.00	1033+0.000	516.482	516.149	0.333	4.000	516.402	-2.00	4.292	515.963	-150.00
-4.014	517.401	-150.00	-4.000	517.422	-2.00	1034+0.000	517.502	517.207	0.295	4.000	517.422	-2.00	4.282	517.000	-150.00
-4.015	518.420	-150.00	-4.000	518.442	-2.00	1035+0.000	518.522	518.233	0.290	4.000	518.442	-2.00	4.284	518.016	-150.00
-4.053	519.173	-150.00	-4.000	519.253	-2.00	1036+0.000	519.333	518.986	0.346	4.000	519.253	-2.00	4.310	518.787	-150.00
-4.066	519.595	-150.00	-4.000	519.694	-2.00	1037+0.000	519.774	519.414	0.359	4.000	519.694	-2.00	4.332	519.195	-150.00
-4.089	519.704	-150.00	-4.000	519.838	-2.00	1038+0.000	519.918	519.485	0.433	4.000	519.838	-2.00	4.392	519.250	-150.00
-4.121	519.730	-150.00	-4.000	519.911	-2.00	1039+0.000	519.991	519.510	0.481	4.000	519.911	-2.00	4.424	519.275	-150.00
-4.152	519.756	-150.00	-4.000	519.984	-2.00	1040+0.000	520.064	519.531	0.533	4.000	519.984	-2.00	4.462	519.290	-150.00
-4.093	519.918	-150.00	-4.000	520.057	-2.00	1041+0.000	520.137	519.699	0.438	4.000	520.057	-2.00	4.396	519.463	-150.00
-4.035	520.307	-150.00	-4.000	520.360	-2.00	1042+0.000	520.440	520.113	0.327	4.000	520.360	-2.00	4.299	519.911	-150.00
-4.020	520.882	-150.00	-4.000	520.912	-2.00	1043+0.000	520.992	520.681	0.311	4.000	520.912	-2.00	4.294	520.471	-150.00
-4.047	521.394	-150.00	-4.000	521.465	-2.00	1044+0.000	521.545	521.201	0.344	4.000	521.465	-2.00	4.306	521.006	-150.00
-4.055	521.831	-150.00	-4.000	521.913	-2.00	1045+0.000	521.993	521.618	0.375	4.000	521.913	-2.00	4.346	521.393	-150.00
-4.102	521.796	-150.00	-4.000	521.949	-2.00	1046+0.000	522.029	521.605	0.424	4.000	521.949	-2.00	4.379	521.380	-150.00
-4.199	521.396	-150.00	-4.000	521.694	-2.00	1047+0.000	521.774	521.219	0.556	4.000	521.694	-2.00	4.442	521.031	-150.00
-4.198	521.135	-150.00	-4.000	521.431	-2.00	1048+0.000	521.511	521.016	0.495	4.000	521.431	-2.00	4.359	520.893	-150.00
-4.162	520.938	-150.00	-4.000	521.180	-2.00	1049+0.000	521.260	520.812	0.448	4.000	521.180	-2.00	4.332	520.682	-150.00
-4.096	521.010	-150.00	-4.000	521.154	-2.00	1050+0.000	521.234	520.852	0.382	4.000	521.154	-2.00	4.299	520.706	-150.00
-4.096	521.149	-150.00	-4.000	521.293	-2.00	1051+0.000	521.373	520.992	0.381	4.000	521.293	-2.00	4.286	520.864	-150.00
-4.114	521.317	-150.00	-4.000	521.488	-2.00	1052+0.000	521.568	521.196	0.372	4.000	521.488	-2.00	4.278	521.071	-150.00
-4.055	521.828	-150.00	-4.000	521.910	-2.00	1053+0.000	521.990	521.675	0.315	4.000	521.910	-2.00	4.244	521.543	-150.00
-4.050	522.525	-150.00	-4.000	522.600	-2.00	1054+0.000	522.680	522.375	0.305	4.000	522.600	-2.00	4.255	522.218	-150.00
-4.061	523.200	-150.00	-4.000	523.291	-2.00	1055+0.000	523.371	523.037	0.333	4.000	523.291	-2.00	4.265	522.893	-150.00
-4.063	523.867	-150.00	-4.000	523.961	-2.00	1056+0.000	524.041	523.701	0.340	4.000	523.961	-2.00	4.289	523.529	-150.00
-4.060	524.380	-150.00	-4.000	524.470	-2.00	1057+0.000	524.550	524.201	0.349	4.000	524.470	-2.00	4.300	524.020	-150.00
-4.085	524.852	-150.00	-4.000	524.979	-2.00	1058+0.000	525.059	524.724	0.335	4.000	524.979	-2.00	4.258	524.592	-150.00
-4.070	525.383	-150.00	-4.000	525.488	-2.00	1059+0.000	525.568	525.256	0.312	4.000	525.488	-2.00	4.233	525.139	-150.00
-4.072	525.889	-150.00	-4.000	525.997	-2.00	1060+0.000	526.077	525.783	0.293	4.000	525.997	-2.00	4.215	525.674	-150.00
-4.058	526.419	-150.00	-4.000	526.506	-2.00	1061+0.000	526.586	526.321	0.265	4.000	526.506	-2.00	4.191	526.219	-150.00
-4.087	526.884	-150.00	-4.000	527.014	-2.00	1062+0.000	527.094	526.796	0.299	4.000	527.014	-2.00	4.207	526.705	-150.00
-4.141	527.313	-150.00	-4.000	527.523	-2.00	1063+0.000	527.603	527.256	0.347	4.000	527.523	-2.00	4.216	527.199	-150.00
-4.142	527.732	-150.00	-4.000	527.945	-2.00	1064+0.000	528.025	527.655	0.370	4.000	527.945	-2.00	4.226	527.606	-150.00

Osvaldo Leoncio da [illegible] Filho
Servidor da Secretaria de Obras
Registro Geral [illegible]
Secretaria de Obras e Serviços

-4.068	528.013	-150.00	-4.000	528.114	-2.00	1065+0.000	528.194	527.966	0.229	4.000	528.114	-2.00	4.131	527.918	-150.00
-4.045	528.192	-150.00	-4.000	528.259	-2.00	1066+0.000	528.339	528.120	0.219	4.000	528.259	-2.00	4.142	528.047	-150.00
-4.050	528.330	-150.00	-4.000	528.404	-2.00	1067+0.000	528.484	528.229	0.255	4.000	528.404	-2.00	4.180	528.134	-150.00
-4.099	528.400	-150.00	-4.000	528.549	-2.00	1068+0.000	528.629	528.316	0.313	4.000	528.549	-2.00	4.202	528.246	-150.00
-4.120	528.514	-150.00	-4.000	528.694	-2.00	1069+0.000	528.774	528.439	0.335	4.000	528.694	-2.00	4.222	528.362	-150.00
-4.142	528.626	-150.00	-4.000	528.839	-2.00	1070+0.000	528.919	528.529	0.390	4.000	528.839	-2.00	4.272	528.432	-150.00
-4.163	528.612	-150.00	-4.000	528.857	-2.00	1071+0.000	528.937	528.519	0.418	4.000	528.857	-2.00	4.289	528.423	-150.00
-4.093	528.477	-150.00	-4.000	528.617	-2.00	1072+0.000	528.697	528.388	0.309	4.000	528.617	-2.00	4.214	528.296	-150.00
-4.034	528.169	-150.00	-4.000	528.220	-2.00	1073+0.000	528.300	528.076	0.224	4.000	528.220	-2.00	4.169	527.966	-150.00
-4.028	527.715	-150.00	-4.000	527.757	-2.00	1074+0.000	527.837	527.587	0.250	4.000	527.757	-2.00	4.203	527.452	-150.00
-4.075	527.117	-150.00	-4.000	527.229	-2.00	1075+0.000	527.309	526.976	0.332	4.000	527.229	-2.00	4.266	526.829	-150.00
-4.121	526.501	-150.00	-4.000	526.682	-2.00	1076+0.000	526.762	526.365	0.397	4.000	526.682	-2.00	4.311	526.216	-150.00
-4.187	525.854	-150.00	-4.000	526.135	-2.00	1077+0.000	526.215	525.771	0.444	4.000	526.135	-2.00	4.339	525.627	-150.00
-4.185	525.355	-150.00	-4.000	525.632	-2.00	1078+0.000	525.712	525.276	0.436	4.000	525.632	-2.00	4.306	525.173	-150.00
-4.138	525.289	-150.00	-4.000	525.496	-2.00	1079+0.000	525.576	525.202	0.374	4.000	525.496	-2.00	4.256	525.113	-150.00
-4.085	525.645	-150.00	-4.000	525.772	-2.00	1080+0.000	525.852	525.522	0.331	4.000	525.772	-2.00	4.252	525.394	-150.00
-4.016	526.279	-150.00	-4.000	526.303	-2.00	1081+0.000	526.383	526.074	0.309	4.000	526.303	-2.00	4.287	525.873	-150.00
-4.098	526.899	-150.00	-4.000	527.046	-2.00	1082+0.000	527.126	526.673	0.453	4.000	527.046	-2.00	4.410	526.431	-150.00
-4.071	527.498	-150.00	-4.000	527.604	-2.00	1083+0.000	527.684	527.176	0.508	4.000	527.604	-2.00	4.525	526.817	-150.00
-4.030	528.118	-150.00	-4.000	528.162	-2.00	1084+0.000	528.242	527.776	0.466	4.000	528.162	-2.00	4.498	527.416	-150.00
-4.164	528.830	66.67	-4.000	528.721	-2.00	1085+0.000	528.801	528.477	0.323	4.000	528.721	-2.00	4.411	528.104	-150.00
-4.123	529.218	66.67	-4.000	529.136	-2.00	1086+0.000	529.216	528.805	0.411	4.000	529.136	-2.00	4.523	528.352	-150.00
-4.369	529.517	66.67	-4.000	529.271	-2.00	1087+0.000	529.351	529.015	0.336	4.000	529.271	-2.00	4.516	528.497	-150.00
-4.345	529.579	66.67	-4.000	529.349	-2.00	1088+0.000	529.429	529.083	0.346	4.000	529.349	-2.00	4.510	528.583	-150.00
-4.252	529.594	66.67	-4.000	529.427	-2.00	1089+0.000	529.507	529.122	0.385	4.000	529.427	-2.00	4.541	528.616	-150.00
-4.169	529.617	66.67	-4.000	529.505	-2.00	1090+0.000	529.585	529.149	0.435	4.000	529.505	-2.00	4.580	528.635	-150.00
-4.232	529.737	66.67	-4.000	529.583	-2.00	1091+0.000	529.663	529.270	0.392	4.000	529.583	-2.00	4.542	528.769	-150.00
-4.023	529.658	66.67	-4.000	529.643	-2.00	1092+0.000	529.723	529.241	0.482	4.000	529.643	-2.00	4.579	528.774	-150.00
-4.119	529.780	66.67	-4.000	529.701	-2.00	1093+0.000	529.781	529.430	0.350	4.000	529.701	-2.00	4.431	529.054	-150.00
-4.122	529.840	66.67	-4.000	529.758	-2.00	1094+0.000	529.838	529.498	0.340	4.000	529.758	-2.00	4.418	529.132	-150.00
-4.140	529.909	66.67	-4.000	529.816	-2.00	1095+0.000	529.896	529.596	0.300	4.000	529.816	-2.00	4.357	529.280	-150.00
			-4.000	530.043	-2.00	1096+0.000	530.123	529.787	0.336	4.000	530.043	-2.00	4.357	529.508	-150.00
-4.056	530.322	-150.00	-4.000	530.406	-2.00	1097+0.000	530.486	530.135	0.351	4.000	530.406	-2.00	4.298	529.960	-150.00
-4.072	530.763	-150.00	-4.000	530.871	-2.00	1098+0.000	530.951	530.613	0.338	4.000	530.871	-2.00	4.277	530.456	-150.00
-4.064	531.349	-150.00	-4.000	531.445	-2.00	1099+0.000	531.525	531.212	0.313	4.000	531.445	-2.00	4.251	531.069	-150.00
-4.067	531.937	-150.00	-4.000	532.039	-2.00	1100+0.000	532.119	531.817	0.302	4.000	532.039	-2.00	4.217	531.714	-150.00
-4.085	532.507	-150.00	-4.000	532.634	-2.00	1101+0.000	532.714	532.388	0.326	4.000	532.634	-2.00	4.210	532.319	-150.00
-4.090	533.246	-150.00	-4.000	533.380	-2.00	1102+0.000	533.460	533.140	0.320	4.000	533.380	-2.00	4.193	533.090	-150.00
-4.137	533.885	-150.00	-4.000	534.090	-2.00	1103+0.000	534.170	533.788	0.382	4.000	534.090	-2.00	4.257	533.704	-150.00
-4.063	534.329	-150.00	-4.000	534.425	-2.00	1104+0.000	534.505	534.246	0.258	4.000	534.425	-2.00	4.176	534.161	-150.00
-4.066	534.599	-150.00	-4.000	534.698	-2.00	1105+0.000	534.778	534.528	0.251	4.000	534.698	-2.00	4.163	534.454	-150.00
-4.136	534.768	-150.00	-4.000	534.972	-2.00	1106+0.000	535.052	534.719	0.333	4.000	534.972	-2.00	4.201	534.670	-150.00
-4.080	534.748	-150.00	-4.000	534.868	-2.00	1107+0.000	534.948	534.687	0.261	4.000	534.868	-2.00	4.163	534.625	-150.00
-4.208	534.344	-150.00	-4.000	534.656	-2.00	1108+0.000	534.736	534.324	0.412	4.000	534.656	-2.00	4.236	534.303	-150.00
-4.249	533.814	-150.00	-4.000	534.187	-2.00	1109+0.000	534.267	533.798	0.469	4.000	534.187	-2.00	4.294	533.746	-150.00
-4.273	533.054	-150.00	-4.000	533.463	-2.00	1110+0.000	533.543	533.044	0.499	4.000	533.463	-2.00	4.287	533.033	-150.00
-4.271	532.327	-150.00	-4.000	532.732	-2.00	1111+0.000	532.812	532.307	0.505	4.000	532.732	-2.00	4.296	532.288	-150.00
-4.285	531.574	-150.00	-4.000	532.002	-2.00	1112+0.000	532.082	531.604	0.477	4.000	532.002	-2.00	4.278	531.585	-150.00
-4.273	530.862	-150.00	-4.000	531.271	-2.00	1113+0.000	531.351	530.874	0.477	4.000	531.271	-2.00	4.268	530.869	-150.00
-4.273	530.186	-150.00	-4.000	530.595	-2.00	1114+0.000	530.675	530.148	0.528	4.000	530.595	-2.00	4.324	530.109	-150.00
-4.219	529.612	-150.00	-4.000	529.940	-2.00	1115+0.000	530.020	529.562	0.458	4.000	529.940	-2.00	4.286	529.511	-150.00
-4.168	529.178	-150.00	-4.000	529.430	-2.00	1116+0.000	529.510	529.099	0.411	4.000	529.430	-2.00	4.280	529.011	-150.00
-4.166	528.902	-150.00	-4.000	529.152	-2.00	1117+0.000	529.232	528.813	0.419	4.000	529.152	-2.00	4.287	528.721	-150.00
-4.111	529.205	-150.00	-4.000	529.372	-2.00	1118+0.000	529.452	529.111	0.341	4.000	529.372	-2.00	4.240	529.012	-150.00
-4.084	529.731	-150.00	-4.000	529.857	-2.00	1119+0.000	529.937	529.598	0.339	4.000	529.857	-2.00	4.265	529.460	-150.00
-4.035	530.443	-150.00	-4.000	530.496	-2.00	1120+0.000	530.576	530.278	0.297	4.000	530.496	-2.00	4.261	530.104	-150.00
-4.050	531.059	-150.00	-4.000	531.134	-2.00	1121+0.000	531.214	530.885	0.329	4.000	531.134	-2.00	4.289	530.700	-150.00
-4.007	531.470	-150.00	-4.000	531.482	-2.00	1122+0.000	531.562	531.249	0.313	4.000	531.482	-2.00	4.315	531.010	-150.00
-4.038	531.738	-150.00	-4.000	531.795	-2.00	1123+0.000	531.875	531.500	0.375	4.000	531.795	-2.00	4.368	531.242	-150.00
-4.032	531.937	-150.00	-4.000	531.984	-2.00	1124+0.000	532.064	531.667	0.397	4.000	531.984	-2.00	4.408	531.372	-150.00
-4.060	531.942	-150.00	-4.000	532.032	-2.00	1125+0.000	532.112	531.670	0.441	4.000	532.032	-2.00	4.401	531.431	-150.00
-4.089	531.946	-150.00	-4.000	532.080	-2.00	1126+0.000	532.160	531.722	0.438	4.000	532.080	-2.00	4.354	531.549	-150.00
-4.121	531.914	-150.00	-4.000	532.096	-2.00	1127+0.000	532.176	531.772	0.404	4.000	532.096	-2.00	4.315	531.623	-150.00
-4.112	531.935	-150.00	-4.000	532.104	-2.00	1128+0.000	532.184	531.848	0.335	4.000	532.104	-2.00	4.230	531.759	-150.00
-4.144	532.098	-150.00	-4.000	532.315	-2.00	1129+0.000	532.395	532.084	0.311	4.000	532.315	-2.00	4.180	532.046	-150.00
-4.200	532.226	-150.00	-4.000	532.526	-2.00	1130+0.000	532.606	532.203	0.403	4.000	532.526	-2.00	4.231	532.180	-150.00
-4.177	532.473	-150.00	-4.000	532.739	-2.00	1131+0.000	532.819	532.457	0.363	4.000	532.739	-2.00	4.201	532.438	-150.00

Osvaldo Ledesma
Diretor da Unidade
Projetos e Obras
Secretaria

-4.176	532.789	-150.00	-4.000	533.053	-2.00	1132+0.000	533.133	532.777	0.356	4.000	533.053	-2.00	4.192	532.766	-150.00
-4.202	533.120	-150.00	-4.000	533.423	-2.00	1133+0.000	533.503	533.116	0.386	4.000	533.423	-2.00	4.074	533.312	-150.00
-4.324	533.305	-150.00	-4.000	533.792	-2.00	1134+0.000	533.872	533.506	0.366	4.000	533.792	-2.00	4.060	533.703	-150.00
-4.325	533.349	-150.00	-4.000	533.837	-2.00	1135+0.000	533.917	533.494	0.423	4.000	533.837	-2.00	4.136	533.633	-150.00
-4.372	533.248	-150.00	-4.000	533.805	-2.00	1136+0.000	533.885	533.385	0.500	4.000	533.805	-2.00	4.192	533.517	-150.00
-4.397	533.178	-150.00	-4.000	533.773	-2.00	1137+0.000	533.853	533.341	0.512	4.000	533.773	-2.00	4.184	533.497	-150.00
-4.325	533.253	-150.00	-4.000	533.741	-2.00	1138+0.000	533.821	533.414	0.407	4.000	533.741	-2.00	4.112	533.574	-150.00
-4.352	533.412	-150.00	-4.000	533.940	-2.00	1139+0.000	534.020	533.593	0.427	4.000	533.940	-2.00	4.117	533.764	-150.00
-4.372	533.631	-150.00	-4.000	534.189	-2.00	1140+0.000	534.269	533.807	0.463	4.000	534.189	-2.00	4.144	533.973	-150.00
-4.365	533.890	-150.00	-4.000	534.438	-2.00	1141+0.000	534.518	534.061	0.457	4.000	534.438	-2.00	4.118	534.261	-150.00
-4.302	534.234	-150.00	-4.000	534.687	-2.00	1142+0.000	534.767	534.428	0.338	4.000	534.687	-2.00	4.023	534.651	-150.00
-4.316	534.792	-150.00	-4.000	535.266	-2.00	1143+0.000	535.346	534.937	0.409	4.000	535.266	-2.00	4.127	535.076	-150.00
-4.416	535.557	-150.00	-4.000	536.181	-2.00	1144+0.000	536.261	535.683	0.578	4.000	536.181	-2.00	4.251	535.804	-150.00
-4.246	536.729	-150.00	-4.000	537.097	-2.00	1145+0.000	537.177	536.763	0.414	4.000	537.097	-2.00	4.200	536.797	-150.00
-4.155	537.779	-150.00	-4.000	538.012	-2.00	1146+0.000	538.092	537.780	0.313	4.000	538.012	-2.00	4.172	537.755	-150.00
-4.160	538.583	-150.00	-4.000	538.823	-2.00	1147+0.000	538.903	538.484	0.419	4.000	538.823	-2.00	4.294	538.381	-150.00
-4.085	539.480	-150.00	-4.000	539.608	-2.00	1148+0.000	539.688	539.342	0.346	4.000	539.608	-2.00	4.274	539.197	-150.00
-4.110	540.133	-150.00	-4.000	540.299	-2.00	1149+0.000	540.379	540.021	0.358	4.000	540.299	-2.00	4.263	539.905	-150.00
-4.033	540.856	-150.00	-4.000	540.905	-2.00	1150+0.000	540.985	540.654	0.331	4.000	540.905	-2.00	4.282	540.482	-150.00
-4.039	541.189	-150.00	-4.000	541.247	-2.00	1151+0.000	541.327	540.948	0.379	4.000	541.247	-2.00	4.322	540.764	-150.00
-4.026	541.420	-150.00	-4.000	541.459	-2.00	1152+0.000	541.539	541.150	0.390	4.000	541.459	-2.00	4.344	540.943	-150.00
-4.027	541.522	-150.00	-4.000	541.562	-2.00	1153+0.000	541.642	541.252	0.390	4.000	541.562	-2.00	4.337	541.057	-150.00
-4.016	541.533	-150.00	-4.000	541.558	-2.00	1154+0.000	541.638	541.281	0.357	4.000	541.558	-2.00	4.311	541.091	-150.00
-4.093	541.530	66.67	-4.000	541.468	-2.00	1155+0.000	541.548	541.325	0.223	4.000	541.468	-2.00	4.230	541.123	-150.00
-4.215	541.522	66.67	-4.000	541.378	-2.00	1156+0.000	541.458	541.314	0.144	4.000	541.378	-2.00	4.179	541.109	-150.00
-4.168	541.401	66.67	-4.000	541.289	-2.00	1157+0.000	541.369	541.202	0.167	4.000	541.289	-2.00	4.199	540.991	-150.00
-4.076	541.071	-150.00	-4.000	541.184	-2.00	1158+0.000	541.264	540.863	0.401	4.000	541.184	-2.00	4.362	540.641	-150.00
-4.128	540.484	-150.00	-4.000	540.676	-2.00	1159+0.000	540.756	540.290	0.466	4.000	540.676	-2.00	4.395	540.083	-150.00
-4.159	539.735	-150.00	-4.000	539.974	-2.00	1160+0.000	540.054	539.604	0.450	4.000	539.974	-2.00	4.256	539.590	-150.00
-4.202	539.111	-150.00	-4.000	539.415	-2.00	1161+0.000	539.495	539.098	0.396	4.000	539.415	-2.00	4.220	539.085	-150.00
-4.237	538.505	-150.00	-4.000	538.861	-2.00	1162+0.000	538.941	538.516	0.424	4.000	538.861	-2.00	4.218	538.533	-150.00
-4.246	537.975	-150.00	-4.000	538.344	-2.00	1163+0.000	538.424	538.031	0.394	4.000	538.344	-2.00	4.117	538.168	-150.00
-4.252	538.057	-150.00	-4.000	538.435	-2.00	1164+0.000	538.515	538.131	0.384	4.000	538.435	-2.00	4.129	538.241	-150.00
-4.364	538.242	-150.00	-4.000	538.788	-2.00	1165+0.000	538.868	538.281	0.588	4.000	538.788	-2.00	4.216	538.465	-150.00
-4.269	539.030	-150.00	-4.000	539.433	-2.00	1166+0.000	539.513	539.144	0.369	4.000	539.433	-2.00	4.119	539.254	-150.00
-4.233	539.776	-150.00	-4.000	540.125	-2.00	1167+0.000	540.205	539.890	0.315	4.000	540.125	-2.00	4.079	540.006	-150.00
-4.145	540.983	-150.00	-4.000	541.200	-2.00	1168+0.000	541.280	541.046	0.234	4.000	541.200	-2.00	4.016	541.176	-150.00
-4.161	542.201	-150.00	-4.000	542.442	-2.00	1169+0.000	542.522	542.258	0.264	4.000	542.442	-2.00	4.023	542.407	-150.00
-4.085	543.857	-150.00	-4.000	543.985	-2.00	1170+0.000	544.065	543.847	0.218	4.000	543.985	-2.00	4.098	543.837	-150.00
-4.157	545.133	-150.00	-4.000	545.368	-2.00	1171+0.000	545.448	545.090	0.357	4.000	545.368	-2.00	4.213	545.048	-150.00
-4.331	546.383	66.67	-4.000	546.162	-2.00	1172+0.000	546.242	546.127	0.116	4.000	546.162	-2.00	4.203	545.859	-150.00
-4.556	547.328	66.67	-4.000	546.957	-2.00	1173+0.000	547.037	547.037	0.000	4.000	546.957	-2.00	4.122	546.774	-150.00

Osvaldo Leôncio
Diretor de
Projetos
Secretaria

SECRETARIA
DAS **CIDADES** - SECID

GOVERNO DO
PIAUÍ
AQUI TEM TRABALHO.
AQUI TEM FUTURO.

TRECHO 1: MUNICÍPIO DE JUREMA A DIVISA COM ESTADO DA BAHIA

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
0+0,00	0,340	0,000	0,000	0,000	0,000	0,000	0,000
1+0,00	0,000	3,060	3,360	30,650	3,360	30,650	-27,290
2+0,00	0,000	3,660	0,000	67,200	3,360	97,850	-94,490
3+0,00	0,000	3,500	0,000	71,540	3,360	169,390	-166,030
4+0,00	0,000	3,530	0,000	70,250	3,360	239,640	-236,280
5+0,00	0,000	3,300	0,000	68,310	3,360	307,950	-304,590
6+0,00	0,000	3,130	0,000	64,310	3,360	372,260	-368,900
7+0,00	0,000	2,890	0,000	60,120	3,360	432,380	-429,020
8+0,00	0,000	2,370	0,000	52,490	3,360	484,870	-481,510
9+0,00	0,000	2,950	0,000	53,150	3,360	538,020	-534,660
10+0,00	0,000	2,340	0,000	52,640	3,360	590,660	-587,300
11+0,00	0,000	2,760	0,000	49,740	3,360	640,400	-637,040
12+0,00	0,010	2,460	0,140	51,760	3,500	692,160	-688,660
13+0,00	0,000	2,620	0,140	50,480	3,630	742,640	-739,010
14+0,00	0,000	2,880	0,000	55,030	3,630	797,670	-794,040
15+0,00	0,000	2,740	0,000	56,830	3,630	854,500	-850,870
16+0,00	0,000	2,990	0,000	57,750	3,630	912,250	-908,620
17+0,00	0,000	2,940	0,000	59,440	3,630	971,690	-968,060
18+0,00	0,000	3,120	0,000	60,940	3,630	1032,630	-1029,000
19+0,00	0,000	2,510	0,000	56,080	3,630	1088,710	-1085,080
20+0,00	0,000	2,400	0,000	48,960	3,630	1137,670	-1134,040
21+0,00	0,000	2,560	0,000	49,800	3,630	1187,470	-1183,840
22+0,00	0,000	2,550	0,000	51,130	3,630	1238,590	-1234,960
23+0,00	0,000	2,280	0,000	48,140	3,630	1286,730	-1283,100
24+0,00	0,000	2,110	0,010	43,880	3,640	1330,610	-1326,970
25+0,00	0,000	2,920	0,010	50,380	3,660	1380,990	-1377,330
26+0,00	0,020	2,080	0,210	50,320	3,870	1431,310	-1427,440
27+0,00	0,180	1,120	1,970	32,050	5,840	1463,350	-1457,510
28+0,00	0,910	0,090	10,750	12,160	16,590	1475,520	-1458,930
29+0,00	0,710	0,230	16,250	3,190	32,840	1478,700	-1445,860
30+0,00	0,380	0,590	10,810	8,220	43,650	1486,930	-1443,280
31+0,00	0,010	1,490	3,870	20,940	47,520	1507,860	-1460,340
32+0,00	0,000	2,600	0,140	41,330	47,650	1549,200	-1501,550
33+0,00	0,000	2,590	0,000	51,590	47,650	1600,780	-1553,130
34+0,00	0,000	2,510	0,000	50,820	47,650	1651,600	-1603,950
35+0,00	0,000	2,420	0,000	48,810	47,650	1700,410	-1652,760
36+0,00	0,000	2,040	0,000	44,430	47,650	1744,840	-1697,190
37+0,00	0,000	1,760	0,000	37,950	47,650	1782,790	-1735,140
38+0,00	0,070	1,420	0,730	31,800	48,380	1814,590	-1766,210
39+0,00	0,000	2,380	0,730	38,000	49,120	1852,580	-1803,460
40+0,00	0,000	3,030	0,000	54,140	49,120	1906,720	-1857,600
41+0,00	0,000	3,010	0,000	60,380	49,120	1967,100	-1917,980
42+0,00	0,000	3,280	0,000	62,840	49,120	2029,940	-1980,820
43+0,00	0,000	3,470	0,000	67,470	49,120	2097,420	-2048,300
44+0,00	0,000	3,360	0,000	68,600	49,120	2166,020	-2116,900
45+0,00	0,000	4,490	0,000	78,450	49,120	2244,470	-2195,350
46+0,00	0,000	6,570	0,000	110,550	49,120	2355,020	-2305,900
47+0,00	0,000	7,650	0,000	142,190	49,120	2497,210	-2448,090
48+0,00	0,000	5,350	0,000	130,040	49,120	2627,250	-2578,130
49+0,00	0,000	4,530	0,000	98,830	49,120	2726,080	-2676,960
50+0,00	0,000	2,020	0,010	65,560	49,120	2791,640	-2742,520
51+0,00	0,030	0,000	0,320	20,200	49,440	2811,840	-2762,400
52+0,00	0,150	1,310	1,850	12,980	51,290	2824,820	-2773,530
53+0,00	1,370	0,130	15,350	14,230	66,640	2839,050	-2772,410
54+0,00	0,420	0,900	17,800	10,270	84,440	2849,320	-2764,880
55+0,00	0,000	2,410	4,190	33,070	88,630	2882,390	-2793,760
56+0,00	0,230	1,150	2,330	35,650	90,960	2918,040	-2827,080
57+0,00	0,730	0,350	9,390	15,270	100,350	2933,300	-2832,950
58+0,00	0,330	0,580	10,410	9,400	110,760	2942,700	-2831,940

Osvaldo Leôncio da S... Filho
Diretor de Projetos e Obras
Projetos e Obras - SECID
Secretaria das Cidades

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Liquido (m3)
59+0,00	0,000	2,590	3,190	32,170	113,950	2974,870	-2860,920
60+0,00	0,010	2,300	0,090	49,150	114,040	3024,020	-2909,980
61+0,00	0,040	1,830	0,450	41,570	114,490	3065,590	-2951,100
62+0,00	0,040	2,300	0,730	41,320	115,220	3106,910	-2991,690
63+0,00	0,000	2,980	0,370	52,690	115,590	3159,600	-3044,010
64+0,00	0,000	3,520	0,000	65,080	115,590	3224,680	-3109,090
65+0,00	0,000	3,660	0,000	71,500	115,590	3296,180	-3180,590
66+0,00	0,010	3,160	0,050	68,730	115,640	3364,920	-3249,280
67+0,00	0,000	0,000	0,050	31,770	115,700	3396,690	-3280,990
68+0,00	0,000	3,180	0,010	31,810	115,710	3428,500	-3312,790
69+0,00	0,000	3,800	0,010	70,200	115,730	3498,700	-3382,970
70+0,00	0,000	3,500	0,000	72,980	115,730	3571,670	-3455,940
71+0,00	0,000	3,080	0,000	65,850	115,730	3637,530	-3521,800
72+0,00	0,000	2,900	0,000	59,750	115,730	3697,280	-3581,550
73+0,00	0,000	3,040	0,000	59,450	115,730	3756,730	-3641,000
74+0,00	0,000	3,240	0,000	62,700	115,730	3819,430	-3703,700
75+0,00	0,000	3,260	0,010	64,410	115,740	3883,840	-3768,100
76+0,00	0,000	2,550	0,010	58,070	115,750	3941,900	-3826,150
77+0,00	0,000	2,650	0,000	52,050	115,750	3993,960	-3878,210
78+0,00	0,000	2,400	0,000	50,540	115,750	4044,500	-3928,750
79+0,00	0,000	2,460	0,000	48,630	115,750	4093,130	-3977,380
80+0,00	0,000	2,310	0,000	47,660	115,750	4140,790	-4025,040
81+0,00	0,000	2,300	0,000	46,020	115,750	4186,810	-4071,060
82+0,00	0,000	2,090	0,000	43,880	115,750	4230,680	-4114,930
83+0,00	0,000	2,190	0,000	42,800	115,750	4273,480	-4157,730
84+0,00	0,000	2,300	0,000	44,940	115,750	4318,420	-4202,670
85+0,00	0,000	2,580	0,000	48,860	115,750	4367,280	-4251,530
86+0,00	0,000	2,590	0,000	51,670	115,750	4418,960	-4303,210
87+0,00	0,000	3,180	0,000	57,700	115,750	4476,660	-4360,910
88+0,00	0,000	3,230	0,000	64,120	115,750	4540,770	-4425,020
89+0,00	0,000	3,270	0,000	64,990	115,750	4605,760	-4490,010
90+0,00	0,000	3,210	0,000	64,710	115,750	4670,470	-4554,720
91+0,00	0,000	3,380	0,000	65,860	115,750	4736,330	-4620,580
92+0,00	0,000	3,340	0,000	67,240	115,750	4803,570	-4687,820
93+0,00	0,000	3,520	0,000	68,590	115,750	4872,160	-4756,410
94+0,00	0,000	3,480	0,000	70,000	115,750	4942,160	-4826,410
95+0,00	0,000	1,110	0,000	45,970	115,750	4988,130	-4872,380
96+0,00	0,000	1,000	0,000	21,170	115,750	5009,290	-4893,540
97+0,00	0,000	1,950	0,000	29,590	115,750	5038,890	-4923,140
98+0,00	0,000	3,740	0,000	56,910	115,750	5095,800	-4980,050
99+0,00	0,000	4,260	0,000	80,020	115,750	5175,820	-5060,070
100+0,00	0,000	3,970	0,000	82,370	115,750	5258,190	-5142,440
101+0,00	0,000	4,030	0,000	80,050	115,750	5338,240	-5222,490
102+0,00	0,000	6,270	0,000	103,020	115,750	5441,250	-5325,500
103+0,00	0,000	10,450	0,000	167,060	115,750	5608,310	-5492,560
104+0,00	0,000	14,620	0,000	250,710	115,750	5859,020	-5743,270
105+0,00	0,000	17,190	0,000	318,170	115,750	6177,190	-6061,440
106+0,00	0,000	14,720	0,000	319,150	115,750	6496,350	-6380,600
107+0,00	0,000	12,290	0,000	270,280	115,750	6766,620	-6650,870
108+0,00	0,000	8,820	0,000	211,100	115,750	6977,730	-6861,980
109+0,00	0,000	5,210	0,000	140,260	115,750	7117,980	-7002,230
110+0,00	0,000	3,390	0,000	86,090	115,750	7204,070	-7088,320
111+0,00	0,000	2,860	0,000	62,700	115,750	7266,770	-7151,020
112+0,00	0,000	2,830	0,000	56,970	115,750	7323,740	-7207,990
113+0,00	0,000	2,750	0,000	55,800	115,750	7379,540	-7263,790
114+0,00	0,000	3,390	0,000	61,440	115,750	7440,980	-7325,230
115+0,00	0,000	3,680	0,000	70,750	115,750	7511,730	-7395,980
116+0,00	0,000	5,100	0,000	87,870	115,750	7599,600	-7483,850
117+0,00	0,000	6,170	0,000	112,760	115,750	7712,370	-7596,620
118+0,00	0,000	5,810	0,000	119,560	115,750	7831,920	-7716,170
119+0,00	0,000	3,900	0,000	97,130	115,750	7929,060	-7813,310
120+0,00	0,000	3,160	0,000	70,620	115,750	7999,680	-7883,930
121+0,00	0,000	2,560	0,000	57,200	115,750	8056,880	-7941,130
122+0,00	0,000	2,580	0,000	51,420	115,750	8108,300	-7992,550
123+0,00	0,000	3,390	0,000	59,660	115,750	8167,960	-8052,210
124+0,00	0,000	4,700	0,000	80,870	115,750	8248,830	-8133,080
125+0,00	0,000	4,120	0,000	88,160	115,750	8336,990	-8221,240
126+0,00	0,000	3,140	0,000	72,500	115,750	8409,490	-8293,740
127+0,00	0,000	3,970	0,000	71,010	115,750	8480,500	-8364,750

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
128+0,00	0,000	6,700	0,000	106,710	115,750	8587,210	-8471,460
129+0,00	0,000	5,240	0,000	119,440	115,750	8706,650	-8590,900
130+0,00	0,000	4,550	0,000	97,990	115,750	8804,640	-8688,890
131+0,00	0,000	3,370	0,000	79,200	115,750	8883,830	-8768,080
132+0,00	0,000	2,560	0,000	59,370	115,750	8943,200	-8827,450
133+0,00	0,000	2,670	0,000	52,340	115,750	8995,540	-8879,790
134+0,00	0,000	2,940	0,000	56,130	115,750	9051,660	-8935,910
135+0,00	0,000	2,220	0,000	51,640	115,750	9103,300	-8987,550
136+0,00	0,000	2,850	0,000	50,520	115,750	9153,820	-9038,070
137+0,00	0,000	2,410	0,000	52,540	115,750	9206,360	-9090,610
138+0,00	0,000	3,310	0,000	56,980	115,750	9263,340	-9147,590
139+0,00	0,000	2,740	0,000	60,430	115,750	9323,770	-9208,020
140+0,00	0,000	2,140	0,000	48,830	115,750	9372,600	-9256,850
141+0,00	0,110	0,960	1,100	30,960	116,850	9403,560	-9286,710
142+0,00	0,080	1,230	1,950	21,800	118,800	9425,360	-9306,560
143+0,00	0,000	2,140	0,820	34,030	119,620	9459,390	-9339,770
144+0,00	0,000	2,110	0,000	42,560	119,620	9501,950	-9382,330
145+0,00	0,000	2,060	0,000	41,930	119,620	9543,870	-9424,250
146+0,00	0,000	2,090	0,000	41,390	119,620	9585,260	-9465,640
147+0,00	0,000	2,170	0,000	42,590	119,620	9627,850	-9508,230
148+0,00	0,000	2,140	0,000	42,820	119,620	9670,670	-9551,050
149+0,00	0,010	2,470	0,070	45,810	119,690	9716,480	-9596,790
150+0,00	0,000	2,730	0,070	52,010	119,770	9768,490	-9648,720
151+0,00	0,010	2,980	0,070	56,400	119,840	9824,900	-9705,060
152+0,00	0,000	3,020	0,080	59,900	119,920	9884,800	-9764,880
153+0,00	0,000	2,660	0,000	56,790	119,920	9941,580	-9821,660
154+0,00	0,000	0,000	0,000	26,690	119,920	9968,270	-9848,350
155+0,00	0,000	3,130	0,000	31,320	119,920	9999,590	-9879,670
156+0,00	0,000	3,650	0,000	67,830	119,920	10067,420	-9947,500
157+0,00	0,000	3,250	0,000	69,250	119,920	10136,670	-10016,750
158+0,00	0,000	3,530	0,000	67,820	119,920	10204,490	-10084,570
159+0,00	0,000	3,970	0,000	75,030	119,920	10279,530	-10159,610
160+0,00	0,000	2,980	0,000	69,500	119,920	10349,030	-10229,110
161+0,00	0,000	2,690	0,020	57,010	119,930	10406,040	-10286,110
162+0,00	0,000	2,260	0,020	49,510	119,950	10455,550	-10335,600
163+0,00	0,000	2,300	0,000	45,620	119,950	10501,170	-10381,220
164+0,00	0,000	2,080	0,000	43,980	119,950	10545,150	-10425,200
165+0,00	0,000	2,360	0,000	44,350	119,950	10589,500	-10469,550
166+0,00	0,000	2,240	0,000	46,010	119,950	10635,510	-10515,560
167+0,00	0,000	2,210	0,000	44,510	119,950	10680,020	-10560,070
168+0,00	0,000	1,670	0,030	38,680	119,980	10718,700	-10598,720
169+0,00	0,000	2,070	0,030	37,430	120,010	10756,140	-10636,130
170+0,00	0,000	2,930	0,000	50,210	120,010	10806,350	-10686,340
171+0,00	0,000	3,580	0,000	65,270	120,010	10871,620	-10751,610
172+0,00	0,000	3,280	0,000	69,160	120,010	10940,780	-10820,770
173+0,00	0,000	2,930	0,000	62,060	120,010	11002,830	-10882,820
174+0,00	0,010	2,500	0,060	54,290	120,070	11057,120	-10937,050
175+0,00	0,000	3,100	0,060	55,980	120,140	11113,100	-10992,960
176+0,00	0,030	0,000	0,270	30,990	120,410	11144,090	-11023,680
177+0,00	0,120	1,550	1,430	15,540	121,840	11159,630	-11037,790
178+0,00	0,000	1,500	1,180	30,510	123,010	11190,140	-11067,130
179+0,00	0,000	1,450	0,000	29,490	123,010	11219,630	-11096,620
180+0,00	0,000	1,570	0,000	30,230	123,010	11249,860	-11126,850
181+0,00	0,000	1,210	0,000	27,820	123,010	11277,690	-11154,680
182+0,00	0,000	1,740	0,000	29,500	123,010	11307,190	-11184,180
183+0,00	0,000	1,400	0,000	31,370	123,010	11338,560	-11215,550
184+0,00	0,070	0,600	0,660	19,980	123,680	11358,540	-11234,860
185+0,00	0,000	1,760	0,670	23,590	124,350	11382,130	-11257,780
186+0,00	0,000	2,890	0,000	46,550	124,350	11428,680	-11304,330
187+0,00	0,000	2,770	0,000	56,640	124,350	11485,320	-11360,970
188+0,00	0,000	2,860	0,000	56,430	124,350	11541,750	-11417,400
189+0,00	0,000	3,100	0,000	59,630	124,350	11601,370	-11477,020
190+0,00	0,000	6,170	0,000	92,650	124,350	11694,020	-11569,670
191+0,00	0,000	5,960	0,000	121,320	124,350	11815,340	-11690,990
192+0,00	0,000	5,040	0,000	109,850	124,350	11925,190	-11800,840
193+0,00	0,000	4,470	0,000	95,090	124,350	12020,280	-11895,930
194+0,00	0,000	4,050	0,000	85,310	124,350	12105,590	-11981,240
195+0,00	0,000	3,400	0,000	74,530	124,350	12180,120	-12055,770
196+0,00	0,000	3,110	0,000	65,080	124,350	12245,190	-12120,840

Osvaldo Leonardo da Silva Filho
Diretor de Licenciamento e Projetos
Secretaria de Obras

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
197+0,00	0,000	2,930	0,000	60,520	124,350	12305,710	-12181,360
198+0,00	0,010	3,580	0,080	65,080	124,420	12370,790	-12246,370
199+0,00	0,190	3,050	1,910	66,430	126,340	12437,220	-12310,880
200+0,00	0,060	2,890	2,480	59,540	128,820	12496,770	-12367,950
201+0,00	0,000	2,390	0,640	52,870	129,460	12549,640	-12420,180
202+0,00	0,000	2,550	0,000	49,420	129,460	12599,060	-12469,600
203+0,00	0,000	2,520	0,000	50,690	129,460	12649,750	-12520,290
204+0,00	0,000	3,010	0,000	55,050	129,460	12704,800	-12575,340
205+0,00	0,000	2,590	0,000	55,800	129,460	12760,600	-12631,140
206+0,00	0,000	2,230	0,000	48,160	129,460	12808,760	-12679,300
207+0,00	0,000	3,090	0,000	53,040	129,460	12861,800	-12732,340
208+0,00	0,000	3,430	0,000	65,420	129,460	12927,220	-12797,760
209+0,00	0,000	3,370	0,000	68,020	129,460	12995,240	-12865,780
210+0,00	0,000	3,260	0,000	66,240	129,460	13061,480	-12932,020
211+0,00	0,000	3,080	0,000	63,410	129,460	13124,900	-12995,440
212+0,00	0,000	3,070	0,000	61,550	129,460	13186,450	-13056,990
213+0,00	0,000	3,140	0,000	62,110	129,460	13248,560	-13119,100
214+0,00	0,000	3,220	0,000	63,540	129,460	13312,100	-13182,640
215+0,00	0,000	3,020	0,000	62,340	129,460	13374,440	-13244,980
216+0,00	0,000	3,040	0,000	60,480	129,460	13434,920	-13305,460
217+0,00	0,000	2,880	0,000	59,220	129,460	13494,140	-13364,680
218+0,00	0,000	3,200	0,000	60,860	129,460	13555,000	-13425,540
219+0,00	0,000	2,800	0,000	59,990	129,460	13614,990	-13485,530
220+0,00	0,000	2,880	0,000	56,700	129,460	13671,680	-13542,220
221+0,00	0,000	3,070	0,000	59,490	129,460	13731,180	-13601,720
222+0,00	0,000	3,050	0,000	61,230	129,460	13792,400	-13662,940
223+0,00	0,000	3,060	0,000	61,120	129,460	13853,520	-13724,060
224+0,00	0,000	3,450	0,000	65,170	129,460	13918,690	-13789,230
225+0,00	0,000	4,050	0,000	75,080	129,460	13993,780	-13864,320
226+0,00	0,000	2,810	0,000	68,660	129,460	14062,440	-13932,980
227+0,00	0,000	2,740	0,000	55,530	129,460	14117,970	-13988,510
228+0,00	0,000	2,530	0,000	52,730	129,460	14170,700	-14041,240
229+0,00	0,000	2,690	0,000	52,210	129,460	14222,910	-14093,450
230+0,00	0,000	3,060	0,000	57,510	129,460	14280,420	-14150,960
231+0,00	0,000	3,000	0,010	60,670	129,460	14341,090	-14211,630
232+0,00	0,000	2,270	0,010	53,020	129,470	14394,120	-14264,650
233+0,00	0,000	1,780	0,000	40,620	129,470	14434,740	-14305,270
234+0,00	0,000	3,060	0,000	48,370	129,470	14483,110	-14353,640
235+0,00	0,000	3,740	0,000	68,050	129,470	14551,150	-14421,680
236+0,00	0,000	3,760	0,000	75,010	129,470	14626,170	-14496,700
237+0,00	0,000	3,860	0,000	76,300	129,470	14702,470	-14573,000
238+0,00	0,000	4,660	0,000	85,030	129,470	14787,500	-14658,030
239+0,00	0,000	6,450	0,000	110,590	129,470	14898,090	-14768,620
240+0,00	0,000	6,280	0,000	127,310	129,470	15025,400	-14895,930
241+0,00	0,000	3,070	0,000	93,500	129,470	15118,900	-14989,430
242+0,00	0,000	2,880	0,000	59,500	129,470	15178,400	-15048,930
243+0,00	0,000	4,390	0,000	72,740	129,470	15251,140	-15121,670
244+0,00	0,000	2,680	0,010	70,700	129,470	15321,840	-15192,370
245+0,00	0,000	4,100	0,010	67,780	129,480	15389,620	-15260,140
246+0,00	0,000	3,200	0,000	72,980	129,480	15462,600	-15333,120
247+0,00	0,000	2,480	0,000	56,780	129,480	15519,380	-15389,900
248+0,00	0,000	2,020	0,000	45,090	129,480	15564,470	-15434,990
249+0,00	0,000	1,770	0,000	37,970	129,480	15602,440	-15472,960
250+0,00	0,000	2,100	0,000	38,740	129,480	15641,180	-15511,700
251+0,00	0,000	2,270	0,000	43,660	129,480	15684,840	-15555,360
252+0,00	0,000	2,420	0,000	46,960	129,480	15731,800	-15602,320
253+0,00	0,000	2,390	0,000	48,140	129,480	15779,930	-15650,450
254+0,00	0,000	2,640	0,000	50,240	129,480	15830,170	-15700,690
255+0,00	0,000	2,770	0,000	54,240	129,480	15884,410	-15754,930
256+0,00	0,000	2,440	0,000	52,060	129,480	15936,470	-15806,990
257+0,00	0,000	2,200	0,000	46,300	129,480	15982,770	-15853,290
258+0,00	0,000	2,310	0,000	45,060	129,480	16027,830	-15898,350
259+0,00	0,000	2,040	0,000	43,460	129,480	16071,290	-15941,810
260+0,00	0,000	2,150	0,000	41,850	129,480	16113,140	-15983,660
261+0,00	0,000	2,630	0,000	47,680	129,480	16160,820	-16031,340
262+0,00	0,000	2,590	0,000	52,080	129,480	16212,890	-16083,410
263+0,00	0,000	2,790	0,000	53,660	129,480	16266,550	-16137,070
264+0,00	0,000	3,030	0,000	58,020	129,480	16324,570	-16195,090
265+0,00	0,000	3,410	0,000	64,410	129,480	16388,980	-16259,500

Secretaria de Estado de Infraestrutura
Diretoria de Projetos
Projetos e Obras
Secretaria de Estado de Infraestrutura

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
266+0,00	0,000	3,110	0,000	65,130	129,480	16454,110	-16324,630
267+0,00	0,000	2,710	0,000	58,150	129,480	16512,260	-16382,780
268+0,00	0,000	3,370	0,000	60,790	129,480	16573,050	-16443,570
269+0,00	0,000	3,180	0,000	65,480	129,480	16638,530	-16509,050
270+0,00	0,000	5,640	0,000	88,170	129,480	16726,690	-16597,210
271+0,00	0,000	7,210	0,000	128,490	129,480	16855,190	-16725,710
272+0,00	0,000	8,500	0,000	157,080	129,480	17012,270	-16882,790
273+0,00	0,000	8,870	0,000	173,690	129,480	17185,960	-17056,480
274+0,00	0,000	8,450	0,000	173,310	129,480	17359,270	-17229,790
275+0,00	0,000	8,780	0,000	172,330	129,480	17531,600	-17402,120
276+0,00	0,000	5,580	0,000	143,990	129,480	17675,600	-17546,120
277+0,00	0,000	3,030	0,000	86,190	129,480	17761,780	-17632,300
278+0,00	0,040	1,790	0,390	48,210	129,870	17810,000	-17680,130
279+0,00	0,050	1,040	0,870	28,500	130,740	17838,500	-17707,760
280+0,00	0,010	1,360	0,580	24,010	131,320	17862,510	-17731,190
281+0,00	0,000	2,610	0,080	39,760	131,400	17902,270	-17770,870
282+0,00	0,000	3,160	0,000	57,690	131,400	17959,960	-17828,560
283+0,00	0,000	3,460	0,000	66,200	131,400	18026,160	-17894,760
284+0,00	0,000	0,000	0,000	34,620	131,400	18060,780	-17929,380
285+0,00	0,000	3,050	0,000	30,540	131,400	18091,320	-17959,920
286+0,00	0,000	3,370	0,000	64,240	131,400	18155,560	-18024,160
287+0,00	0,000	3,040	0,000	64,110	131,400	18219,670	-18088,270
288+0,00	0,000	3,490	0,000	65,100	131,400	18284,760	-18153,360
289+0,00	0,000	3,340	0,000	68,270	131,400	18353,030	-18221,630
290+0,00	0,000	3,050	0,000	63,760	131,400	18416,790	-18285,390
291+0,00	0,000	2,780	0,000	58,030	131,400	18474,820	-18343,420
292+0,00	0,000	2,810	0,000	55,840	131,400	18530,660	-18399,260
293+0,00	0,000	1,920	0,000	47,230	131,400	18577,890	-18446,490
294+0,00	0,000	0,880	0,050	28,000	131,450	18605,900	-18474,450
295+0,00	0,110	0,170	1,140	10,510	132,580	18616,410	-18483,830
296+0,00	1,080	0,000	11,950	1,700	144,530	18618,100	-18473,570
297+0,00	0,000	1,040	10,880	10,330	155,410	18628,440	-18473,030
298+0,00	0,000	2,900	0,000	39,320	155,410	18667,750	-18512,340
299+0,00	0,000	3,240	0,000	61,350	155,410	18729,110	-18573,700
300+0,00	0,000	3,310	0,000	65,520	155,410	18794,630	-18639,220
301+0,00	0,000	3,250	0,000	65,650	155,410	18860,270	-18704,860
302+0,00	0,000	3,300	0,000	65,560	155,410	18925,830	-18770,420
303+0,00	0,000	3,520	0,000	68,200	155,410	18994,030	-18838,620
304+0,00	0,000	3,340	0,000	68,580	155,410	19062,610	-18907,200
305+0,00	0,000	3,100	0,000	64,450	155,410	19127,060	-18971,650
306+0,00	0,000	3,200	0,000	63,050	155,410	19190,110	-19034,700
307+0,00	0,000	3,090	0,000	62,890	155,410	19252,990	-19097,580
308+0,00	0,000	3,110	0,000	62,060	155,410	19315,060	-19159,650
309+0,00	0,000	3,080	0,000	61,960	155,410	19377,010	-19221,600
310+0,00	0,000	3,010	0,000	60,940	155,410	19437,950	-19282,540
311+0,00	0,000	3,240	0,000	62,490	155,410	19500,440	-19345,030
312+0,00	0,000	3,850	0,000	70,810	155,410	19571,250	-19415,840
313+0,00	0,000	3,580	0,000	74,220	155,410	19645,470	-19490,060
314+0,00	0,000	3,620	0,000	71,900	155,410	19717,370	-19561,960
315+0,00	0,000	3,270	0,000	68,910	155,410	19786,270	-19630,860
316+0,00	0,000	3,740	0,000	70,080	155,410	19856,360	-19700,950
317+0,00	0,000	2,780	0,000	65,240	155,410	19921,590	-19766,180
318+0,00	0,000	0,000	0,000	27,800	155,410	19949,400	-19793,990
319+0,00	0,000	3,560	0,000	35,610	155,410	19985,010	-19829,600
320+0,00	0,000	3,810	0,000	73,740	155,410	20058,750	-19903,340
321+0,00	0,000	5,360	0,000	91,790	155,410	20150,540	-19995,130
322+0,00	0,000	5,090	0,000	104,550	155,410	20255,090	-20099,680
323+0,00	0,000	3,280	0,000	83,700	155,410	20338,780	-20183,370
324+0,00	0,000	2,700	0,000	59,840	155,410	20398,630	-20243,220
325+0,00	0,000	2,230	0,000	49,380	155,410	20448,000	-20292,590
326+0,00	0,000	2,080	0,000	43,090	155,410	20491,100	-20335,690
327+0,00	0,000	2,170	0,000	42,440	155,410	20533,530	-20378,120
328+0,00	0,000	1,810	0,000	39,720	155,410	20573,260	-20417,850
329+0,00	0,000	1,800	0,000	36,110	155,410	20609,370	-20453,960
330+0,00	0,000	2,420	0,000	41,960	155,410	20651,330	-20495,920
331+0,00	0,000	2,180	0,000	45,800	155,410	20697,130	-20541,720
332+0,00	0,000	2,440	0,000	45,970	155,410	20743,100	-20587,690
333+0,00	0,000	2,450	0,000	48,840	155,410	20791,940	-20636,530
334+0,00	0,000	2,590	0,000	50,480	155,410	20842,420	-20687,010

Osvaldo Ledesma da Silva Filho
Diretor da Unidade de Projetos
Projetos e Obras - DER/PR
Secretaria das Cidades - Sedu

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
335+0,00	0,000	3,190	0,000	57,770	155,410	20900,200	-20744,790
336+0,00	0,000	2,710	0,000	58,960	155,410	20959,150	-20803,740
337+0,00	0,000	1,740	0,000	44,500	155,410	21003,650	-20848,240
338+0,00	0,000	1,090	0,000	28,390	155,410	21032,040	-20876,630
339+0,00	0,000	1,570	0,000	27,000	155,410	21059,040	-20903,630
340+0,00	0,000	3,350	0,000	49,260	155,410	21108,300	-20952,890
341+0,00	0,000	3,610	0,000	69,650	155,410	21177,950	-21022,540
342+0,00	0,000	3,790	0,000	74,030	155,410	21251,980	-21096,570
343+0,00	0,000	3,170	0,000	69,550	155,410	21321,540	-21166,130
344+0,00	0,000	2,970	0,000	61,330	155,410	21382,860	-21227,450
345+0,00	0,000	3,600	0,000	65,720	155,410	21448,580	-21293,170
346+0,00	0,000	3,480	0,000	70,820	155,410	21519,400	-21363,990
347+0,00	0,000	3,370	0,000	68,680	155,410	21588,080	-21432,670
348+0,00	0,000	3,340	0,000	67,180	155,410	21655,260	-21499,850
349+0,00	0,000	3,150	0,030	65,190	155,450	21720,440	-21564,990
350+0,00	0,000	3,050	0,030	62,060	155,480	21782,510	-21627,030
351+0,00	0,000	3,180	0,000	62,210	155,480	21844,720	-21689,240
352+0,00	0,000	2,820	0,000	60,020	155,480	21904,740	-21749,260
353+0,00	0,000	3,290	0,000	61,110	155,480	21965,850	-21810,370
354+0,00	0,000	3,520	0,000	68,120	155,480	22033,970	-21878,490
355+0,00	0,000	3,620	0,000	71,390	155,480	22105,360	-21949,880
356+0,00	0,000	3,520	0,000	71,380	155,480	22176,740	-22021,260
357+0,00	0,000	3,680	0,000	71,970	155,480	22248,710	-22093,230
358+0,00	0,000	3,590	0,000	72,700	155,480	22321,400	-22165,920
359+0,00	0,000	3,470	0,000	70,380	155,480	22391,780	-22236,300
360+0,00	0,000	3,170	0,000	66,450	155,480	22458,230	-22302,750
361+0,00	0,000	3,090	0,000	62,600	155,480	22520,830	-22365,350
362+0,00	0,000	3,640	0,000	67,260	155,480	22588,090	-22432,610
363+0,00	0,000	3,220	0,000	68,620	155,480	22656,710	-22501,230
364+0,00	0,000	2,590	0,000	58,410	155,480	22715,120	-22559,640
365+0,00	0,000	1,930	0,010	46,090	155,490	22761,210	-22605,720
366+0,00	0,000	1,880	0,010	39,900	155,500	22801,110	-22645,610
367+0,00	0,130	0,800	1,240	26,900	156,740	22828,010	-22671,270
368+0,00	0,060	0,890	1,840	16,950	158,580	22844,970	-22686,390
369+0,00	0,040	0,000	0,960	8,900	159,540	22853,870	-22694,330
370+0,00	0,000	2,000	0,350	20,090	159,890	22873,960	-22714,070
371+0,00	0,000	2,300	0,000	42,990	159,890	22916,960	-22757,070
372+0,00	0,000	3,700	0,000	59,920	159,890	22976,880	-22816,990
373+0,00	0,000	3,120	0,000	67,950	159,890	23044,830	-22884,940
374+0,00	0,000	3,590	0,000	66,300	159,890	23111,130	-22951,240
375+0,00	0,000	4,640	0,000	82,310	159,890	23193,450	-23033,560
376+0,00	0,000	3,370	0,000	80,030	159,890	23273,480	-23113,590
377+0,00	0,000	2,260	0,000	56,290	159,890	23329,770	-23169,880
378+0,00	0,000	2,740	0,000	49,520	159,890	23379,290	-23219,400
379+0,00	0,010	2,510	0,070	52,490	159,960	23431,790	-23271,830
380+0,00	0,050	2,060	0,550	45,680	160,510	23477,470	-23316,960
381+0,00	0,080	2,030	1,240	40,860	161,750	23518,330	-23356,580
382+0,00	0,000	2,820	0,770	48,450	162,520	23566,780	-23404,260
383+0,00	0,000	2,940	0,010	57,360	162,520	23624,130	-23461,610
384+0,00	0,000	3,150	0,000	60,180	162,520	23684,310	-23521,790
385+0,00	0,000	2,960	0,000	61,460	162,520	23745,770	-23583,250
386+0,00	0,000	3,050	0,000	60,130	162,520	23805,900	-23643,380
387+0,00	0,000	4,410	0,000	74,110	162,520	23880,010	-23717,490
388+0,00	0,000	6,500	0,000	109,060	162,520	23989,070	-23826,550
389+0,00	0,000	8,820	0,000	153,200	162,520	24142,270	-23979,750
390+0,00	0,000	8,950	0,000	177,750	162,520	24320,020	-24157,500
391+0,00	0,000	7,550	0,000	166,030	162,520	24486,050	-24323,530
392+0,00	0,000	5,320	0,000	128,710	162,520	24614,770	-24452,250
393+0,00	0,000	3,890	0,000	92,120	162,520	24706,890	-24544,370
394+0,00	0,000	2,890	0,000	67,780	162,520	24774,670	-24612,150
395+0,00	0,000	3,280	0,000	61,710	162,520	24836,380	-24673,860
396+0,00	0,040	2,190	0,480	53,360	163,000	24889,740	-24726,740
397+0,00	0,000	3,170	0,450	53,300	163,450	24943,050	-24779,600
398+0,00	0,000	2,740	0,010	58,620	163,460	25001,660	-24838,200
399+0,00	0,000	3,170	0,010	59,090	163,470	25060,760	-24897,290
400+0,00	0,040	2,950	0,350	63,180	163,820	25123,940	-24960,120
401+0,00	0,000	3,500	0,390	64,900	164,200	25188,840	-25024,640
402+0,00	0,010	3,080	0,150	66,130	164,350	25254,970	-25090,620
403+0,00	0,040	2,990	0,540	60,690	164,890	25315,660	-25150,770

Osvaldo Leônicio [illegible]
Diretor [illegible]
Projetos e Obras
Secretaria [illegible]

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
404+0,00	0,020	3,180	0,590	61,610	165,480	25377,270	-25211,790
405+0,00	0,030	3,280	0,510	64,530	165,980	25441,800	-25275,820
406+0,00	0,050	3,100	0,790	63,740	166,780	25505,530	-25338,750
407+0,00	0,100	2,820	1,510	59,310	168,290	25564,840	-25396,550
408+0,00	0,080	2,900	1,850	57,180	170,140	25622,020	-25451,880
409+0,00	0,070	2,860	1,510	57,540	171,650	25679,560	-25507,910
410+0,00	0,200	2,020	2,730	48,810	174,380	25728,360	-25553,980
411+0,00	0,260	1,870	4,720	38,320	179,090	25766,680	-25587,590
412+0,00	0,050	2,630	3,070	44,970	182,170	25811,660	-25629,490
413+0,00	0,000	2,970	0,560	55,830	182,730	25867,490	-25684,760
414+0,00	0,000	2,960	0,050	59,320	182,770	25926,810	-25744,040
415+0,00	0,000	2,950	0,010	59,140	182,780	25985,950	-25803,170
416+0,00	0,010	2,480	0,150	54,340	182,930	26040,290	-25857,360
417+0,00	0,000	2,550	0,190	50,280	183,120	26090,570	-25907,450
418+0,00	0,000	2,630	0,040	51,830	183,170	26142,400	-25959,230
419+0,00	0,000	2,890	0,000	54,670	183,170	26197,060	-26013,890
420+0,00	0,000	2,690	0,000	55,820	183,170	26252,880	-26069,710
421+0,00	0,000	3,070	0,000	57,600	183,170	26310,480	-26127,310
422+0,00	0,000	3,360	0,000	64,330	183,170	26374,810	-26191,640
423+0,00	0,000	3,990	0,000	73,500	183,170	26448,310	-26265,140
424+0,00	0,000	4,440	0,000	84,260	183,170	26532,570	-26349,400
425+0,00	0,000	3,450	0,000	78,670	183,170	26611,240	-26428,070
426+0,00	0,000	2,360	0,000	58,090	183,170	26669,330	-26486,160
427+0,00	0,110	1,340	1,140	36,950	184,300	26706,280	-26521,980
428+0,00	0,250	0,850	3,640	21,830	187,940	26728,110	-26540,170
429+0,00	0,100	1,330	3,510	21,770	191,450	26749,880	-26558,430
430+0,00	0,000	3,200	1,020	45,290	192,470	26795,170	-26602,700
431+0,00	0,000	3,380	0,010	65,480	192,480	26860,650	-26668,170
432+0,00	0,000	3,120	0,000	64,940	192,480	26925,590	-26733,110
433+0,00	0,000	3,100	0,000	62,220	192,480	26987,810	-26795,330
434+0,00	0,000	3,090	0,000	62,150	192,480	27049,960	-26857,480
435+0,00	0,000	2,480	0,000	56,110	192,480	27106,070	-26913,590
436+0,00	0,000	2,540	0,000	50,160	192,480	27156,230	-26963,750
437+0,00	0,000	2,220	0,000	47,610	192,480	27203,850	-27011,370
438+0,00	0,010	1,190	0,050	34,110	192,530	27237,950	-27045,420
439+0,00	0,000	2,800	0,050	40,260	192,580	27278,220	-27085,640
440+0,00	0,000	2,540	0,000	53,380	192,580	27331,590	-27139,010
441+0,00	0,000	3,760	0,000	62,960	192,580	27394,550	-27201,970
442+0,00	0,000	4,630	0,000	83,470	192,580	27478,020	-27285,440
443+0,00	0,000	4,960	0,000	95,600	192,580	27573,620	-27381,040
444+0,00	0,000	3,420	0,000	83,780	192,580	27657,400	-27464,820
445+0,00	0,000	2,880	0,000	63,030	192,580	27720,430	-27527,850
446+0,00	0,000	3,980	0,000	68,600	192,580	27789,020	-27596,440
447+0,00	0,000	3,070	0,000	70,490	192,580	27859,510	-27666,930
448+0,00	0,000	2,580	0,000	56,540	192,580	27916,060	-27723,480
449+0,00	0,000	3,180	0,000	57,630	192,580	27973,680	-27781,100
450+0,00	0,000	1,470	0,000	46,460	192,580	28020,150	-27827,570
451+0,00	0,000	2,720	0,000	41,900	192,580	28062,040	-27869,460
452+0,00	0,030	1,930	0,270	46,530	192,850	28108,570	-27915,720
453+0,00	0,000	2,080	0,310	40,110	193,160	28148,680	-27955,520
454+0,00	0,000	2,610	0,070	46,930	193,230	28195,610	-28002,380
455+0,00	0,000	2,400	0,040	50,120	193,270	28245,740	-28052,470
456+0,00	0,000	2,570	0,040	50,070	193,310	28295,810	-28102,500
457+0,00	0,000	2,710	0,020	52,830	193,330	28348,630	-28155,300
458+0,00	0,000	3,380	0,000	60,980	193,330	28409,610	-28216,280
459+0,00	0,000	3,630	0,000	70,160	193,330	28479,770	-28286,440
460+0,00	0,000	3,530	0,000	71,600	193,330	28551,370	-28358,040
461+0,00	0,000	3,910	0,000	74,870	193,330	28626,240	-28432,910
462+0,00	0,000	3,390	0,000	73,030	193,330	28699,270	-28505,940
463+0,00	0,000	2,590	0,000	59,860	193,330	28759,140	-28565,810
464+0,00	0,000	2,570	0,000	51,590	193,330	28810,730	-28617,400
465+0,00	0,000	2,860	0,000	54,250	193,330	28864,980	-28671,650
466+0,00	0,010	2,750	0,070	56,280	193,400	28921,260	-28727,860
467+0,00	0,000	2,090	0,080	48,320	193,480	28969,580	-28776,100
468+0,00	0,020	0,780	0,240	28,710	193,720	28998,290	-28804,570
469+0,00	0,000	1,750	0,240	25,300	193,960	29023,590	-28829,630
470+0,00	0,000	2,580	0,000	43,380	193,960	29066,970	-28873,010
471+0,00	0,000	3,230	0,000	58,090	193,960	29125,050	-28931,090
472+0,00	0,000	2,730	0,000	59,560	193,960	29184,620	-28990,660

Secretaria de Estado

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
473+0,00	0,000	1,960	0,000	46,940	193,960	29231,560	-29037,600
474+0,00	0,000	0,000	0,000	19,630	193,960	29251,190	-29057,230
475+0,00	0,000	2,180	0,000	21,770	193,960	29272,960	-29079,000
476+0,00	0,000	2,740	0,000	49,200	193,960	29322,160	-29128,200
477+0,00	0,000	2,880	0,000	56,230	193,960	29378,390	-29184,430
478+0,00	0,000	3,340	0,000	62,350	193,960	29440,740	-29246,780
479+0,00	0,000	3,170	0,000	65,130	193,960	29505,860	-29311,900
480+0,00	0,000	4,520	0,000	76,890	193,960	29582,760	-29388,800
481+0,00	0,000	5,020	0,000	95,460	193,960	29678,220	-29484,260
482+0,00	0,000	3,620	0,000	86,690	193,960	29764,910	-29570,950
483+0,00	0,000	2,460	0,000	60,790	193,960	29825,700	-29631,740
484+0,00	0,000	2,060	0,000	45,230	193,960	29870,930	-29676,970
485+0,00	0,000	1,780	0,000	38,400	193,960	29909,340	-29715,380
486+0,00	0,000	1,340	0,000	31,130	193,960	29940,460	-29746,500
487+0,00	0,000	2,620	0,000	39,560	193,960	29980,020	-29786,060
488+0,00	0,000	2,700	0,000	53,190	193,960	30033,220	-29839,260
489+0,00	0,000	2,530	0,000	52,280	193,960	30085,490	-29891,530
490+0,00	0,000	2,660	0,000	51,830	193,960	30137,330	-29943,370
491+0,00	0,000	2,950	0,000	56,150	193,960	30193,480	-29999,520
492+0,00	0,000	2,110	0,000	50,590	193,960	30244,070	-30050,110
493+0,00	0,000	2,330	0,000	44,390	193,960	30288,460	-30094,500
494+0,00	0,000	2,700	0,000	50,290	193,960	30338,750	-30144,790
495+0,00	0,000	2,870	0,000	55,640	193,960	30394,390	-30200,430
496+0,00	0,000	2,850	0,000	57,230	193,960	30451,620	-30257,660
497+0,00	0,000	2,810	0,000	56,670	193,960	30508,290	-30314,330
498+0,00	0,000	2,840	0,000	56,550	193,960	30564,840	-30370,880
499+0,00	0,000	2,950	0,000	57,970	193,960	30622,810	-30428,850
500+0,00	0,000	3,120	0,000	60,700	193,960	30683,510	-30489,550
501+0,00	0,000	2,840	0,000	59,550	193,960	30743,050	-30549,090
502+0,00	0,000	2,920	0,000	57,550	193,960	30800,600	-30606,640
503+0,00	0,000	2,600	0,000	55,200	193,960	30855,800	-30661,840
504+0,00	0,000	2,610	0,000	52,160	193,960	30907,960	-30714,000
505+0,00	0,000	2,300	0,000	49,160	193,960	30957,120	-30763,160
506+0,00	0,000	1,540	0,000	38,430	193,960	30995,550	-30801,590
507+0,00	1,350	0,000	13,520	15,410	207,480	31010,960	-30803,480
508+0,00	0,050	0,280	14,000	2,760	221,490	31013,720	-30792,230
509+0,00	0,000	2,420	0,480	26,970	221,970	31040,690	-30818,720
510+0,00	0,000	2,590	0,000	50,110	221,970	31090,800	-30868,830
511+0,00	0,000	1,330	0,000	39,190	221,970	31129,990	-30908,020
512+0,00	0,000	2,430	0,000	37,560	221,970	31167,550	-30945,580
513+0,00	0,000	3,880	0,000	63,070	221,970	31230,620	-31008,650
514+0,00	0,000	4,760	0,000	86,380	221,970	31317,000	-31095,030
515+0,00	0,000	5,500	0,000	102,610	221,970	31419,610	-31197,640
516+0,00	0,000	3,450	0,000	89,710	221,970	31509,320	-31287,350
517+0,00	0,000	2,840	0,000	62,920	221,970	31572,240	-31350,270
518+0,00	0,000	3,580	0,000	64,210	221,970	31636,450	-31414,480
519+0,00	0,000	5,430	0,000	90,420	221,970	31726,870	-31504,900
520+0,00	0,000	5,680	0,000	111,090	221,970	31837,960	-31615,990
521+0,00	0,000	5,330	0,000	110,090	221,970	31948,050	-31726,080
522+0,00	0,000	5,560	0,000	108,910	221,970	32056,950	-31834,980
523+0,00	0,000	5,720	0,000	112,730	221,970	32169,680	-31947,710
524+0,00	0,000	6,090	0,000	118,100	221,970	32287,780	-32065,810
525+0,00	0,000	0,000	0,000	60,910	221,970	32348,690	-32126,720
526+0,00	0,000	3,240	0,000	32,350	221,970	32381,040	-32159,070
527+0,00	0,000	2,090	0,000	53,260	221,970	32434,300	-32212,330
528+0,00	0,000	1,490	0,000	35,810	221,970	32470,110	-32248,140
529+0,00	0,000	2,580	0,000	40,710	221,970	32510,820	-32288,850
530+0,00	0,000	2,700	0,000	52,790	221,970	32563,610	-32341,640
531+0,00	0,000	2,880	0,010	55,730	221,970	32619,340	-32397,370
532+0,00	0,000	2,740	0,010	56,270	221,980	32675,610	-32453,630
533+0,00	0,000	3,010	0,000	57,530	221,980	32733,140	-32511,160
534+0,00	0,000	3,120	0,000	61,300	221,980	32794,440	-32572,460
535+0,00	0,000	2,970	0,000	60,820	221,980	32855,260	-32633,280
536+0,00	0,000	2,850	0,000	58,190	221,980	32913,460	-32691,480
537+0,00	0,000	2,690	0,000	55,440	221,980	32968,900	-32746,920
538+0,00	0,000	3,340	0,000	60,240	221,980	33029,140	-32807,160
539+0,00	0,000	3,510	0,000	68,490	221,980	33097,620	-32875,640
540+0,00	0,000	3,000	0,000	65,130	221,980	33162,750	-32940,770
541+0,00	0,000	2,540	0,000	55,420	221,980	33218,170	-32996,190

Coordenadoria Técnica da Sala de Pro
Departamento de Infraestrutura
Projetos e Obras - Setor
Secretaria das Cidades e Desen

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
542+0,00	0,000	2,190	0,020	47,800	222,000	33265,980	-33043,980
543+0,00	0,070	2,250	0,620	44,470	222,620	33310,440	-33087,820
544+0,00	0,000	2,840	0,640	50,670	223,260	33361,110	-33137,850
545+0,00	0,000	2,630	0,000	54,580	223,260	33415,690	-33192,430
546+0,00	0,000	3,070	0,000	57,130	223,260	33472,820	-33249,560
547+0,00	0,000	2,910	0,000	60,120	223,260	33532,940	-33309,680
548+0,00	0,000	2,760	0,000	56,860	223,260	33589,800	-33366,540
549+0,00	0,000	2,770	0,000	55,360	223,260	33645,160	-33421,900
550+0,00	0,000	2,930	0,000	56,910	223,260	33702,070	-33478,810
551+0,00	0,000	2,440	0,000	53,570	223,260	33755,650	-33532,390
552+0,00	0,130	0,430	1,350	28,760	224,610	33784,400	-33559,790
553+0,00	1,380	0,000	15,280	4,270	239,890	33788,680	-33548,790
554+0,00	2,850	0,000	42,240	0,000	282,130	33788,680	-33506,550
555+0,00	3,910	0,000	67,490	0,000	349,620	33788,680	-33439,060
556+0,00	4,090	0,000	79,960	0,000	429,580	33788,680	-33359,100
557+0,00	4,220	0,000	83,080	0,000	512,660	33788,680	-33276,020
558+0,00	3,260	0,000	74,760	0,000	587,420	33788,680	-33201,260
559+0,00	2,450	0,000	57,080	0,000	644,500	33788,680	-33144,180
560+0,00	1,620	0,000	40,690	0,000	685,200	33788,680	-33103,480
561+0,00	0,470	0,000	20,880	0,000	706,080	33788,680	-33082,600
562+0,00	0,000	0,950	4,720	9,530	710,790	33798,200	-33087,410
563+0,00	0,000	2,760	0,000	37,160	710,790	33835,360	-33124,570
564+0,00	0,000	3,390	0,000	61,510	710,790	33896,870	-33186,080
565+0,00	0,000	2,560	0,000	59,510	710,790	33956,380	-33245,590
566+0,00	0,000	3,140	0,000	57,030	710,790	34013,410	-33302,620
567+0,00	0,000	3,450	0,000	65,950	710,790	34079,360	-33368,570
568+0,00	0,000	3,450	0,000	69,220	710,790	34148,580	-33437,790
569+0,00	0,000	2,850	0,000	62,960	710,790	34211,550	-33500,760
570+0,00	0,000	3,330	0,000	62,090	710,790	34273,630	-33562,840
571+0,00	0,000	2,320	0,000	56,530	710,790	34330,160	-33619,370
572+0,00	0,000	2,210	0,000	45,300	710,790	34375,460	-33664,670
573+0,00	0,030	2,410	0,260	46,070	711,050	34421,530	-33710,480
574+0,00	0,000	1,710	0,260	41,000	711,310	34462,530	-33751,220
575+0,00	0,260	0,170	2,640	18,780	713,950	34481,310	-33767,360
576+0,00	0,010	0,680	2,690	8,490	716,630	34489,800	-33773,170
577+0,00	0,000	2,130	0,060	28,080	716,690	34517,880	-33801,190
578+0,00	0,000	2,760	0,000	48,880	716,700	34566,760	-33850,060
579+0,00	0,000	3,300	0,000	60,650	716,700	34627,410	-33910,710
580+0,00	0,000	3,360	0,000	66,790	716,700	34694,200	-33977,500
581+0,00	0,000	3,170	0,000	65,280	716,700	34759,490	-34042,790
582+0,00	0,000	3,740	0,000	69,040	716,700	34828,520	-34111,820
583+0,00	0,000	3,840	0,000	75,800	716,700	34904,330	-34187,630
584+0,00	0,000	3,030	0,010	68,650	716,710	34972,970	-34256,260
585+0,00	0,000	3,130	0,010	60,980	716,710	35033,960	-34317,250
586+0,00	0,000	3,480	0,000	66,010	716,710	35099,970	-34383,260
587+0,00	0,000	3,190	0,000	66,670	716,710	35166,630	-34449,920
588+0,00	0,000	2,790	0,000	59,840	716,710	35226,480	-34509,770
589+0,00	0,000	3,300	0,000	60,940	716,710	35287,410	-34570,700
590+0,00	0,000	3,130	0,000	64,340	716,710	35351,750	-34635,040
591+0,00	0,000	2,680	0,000	58,110	716,710	35409,860	-34693,150
592+0,00	0,000	2,730	0,000	54,000	716,710	35463,860	-34747,150
593+0,00	0,000	2,380	0,000	51,110	716,710	35514,970	-34798,260
594+0,00	0,000	1,890	0,000	42,740	716,710	35557,710	-34841,000
595+0,00	0,000	1,930	0,000	38,170	716,710	35595,880	-34879,170
596+0,00	0,000	2,380	0,000	43,040	716,710	35638,920	-34922,210
597+0,00	0,000	2,650	0,000	49,810	716,710	35688,730	-34972,020
598+0,00	0,000	3,060	0,000	56,650	716,710	35745,380	-35028,670
599+0,00	0,000	3,550	0,000	65,330	716,710	35810,710	-35094,000
600+0,00	0,000	3,940	0,000	74,630	716,710	35885,340	-35168,630
601+0,00	0,000	3,850	0,000	77,760	716,710	35963,100	-35246,390
602+0,00	0,000	3,700	0,000	75,360	716,710	36038,460	-35321,740
603+0,00	0,000	3,450	0,000	71,210	716,710	36109,660	-35392,950
604+0,00	0,000	3,510	0,000	69,680	716,710	36179,340	-35462,630
605+0,00	0,000	3,380	0,000	68,810	716,710	36248,150	-35531,440
606+0,00	0,000	3,190	0,000	65,710	716,710	36313,860	-35597,150
607+0,00	0,000	3,150	0,000	63,420	716,710	36377,280	-35660,570
608+0,00	0,000	2,600	0,000	57,800	716,710	36435,080	-35718,370
609+0,00	0,000	0,750	0,000	33,580	716,710	36468,650	-35751,940
610+0,00	0,000	1,390	0,000	21,430	716,710	36490,080	-35773,370

Osvaldo Leôncio da Silva Filho
Diretor da Divisão de Projetos e Obras
Secretaria de Estado

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
611+0,00	0,000	1,230	0,000	26,190	716,710	36516,260	-35799,550
612+0,00	0,000	1,080	0,000	23,130	716,710	36539,400	-35822,690
613+0,00	0,030	1,000	0,250	20,860	716,970	36560,250	-35843,280
614+0,00	0,000	1,630	0,250	26,320	717,220	36586,570	-35869,350
615+0,00	0,000	2,010	0,000	36,390	717,220	36622,970	-35905,750
616+0,00	0,000	2,640	0,000	46,560	717,220	36669,530	-35952,310
617+0,00	0,000	2,580	0,000	52,280	717,220	36721,810	-36004,590
618+0,00	0,000	2,980	0,000	55,670	717,220	36777,470	-36060,250
619+0,00	0,000	2,550	0,000	54,800	717,220	36832,280	-36115,060
620+0,00	0,000	3,790	0,000	63,130	717,220	36895,400	-36178,180
621+0,00	0,000	5,010	0,000	87,810	717,220	36983,210	-36265,990
622+0,00	0,000	4,260	0,000	92,710	717,220	37075,920	-36358,700
623+0,00	0,000	2,140	0,000	63,940	717,220	37139,860	-36422,640
624+0,00	0,000	2,060	0,000	41,930	717,220	37181,790	-36464,570
625+0,00	0,000	2,210	0,000	42,690	717,220	37224,480	-36507,260
626+0,00	0,000	2,190	0,000	43,810	717,220	37268,290	-36551,070
627+0,00	0,000	3,240	0,000	53,910	717,220	37322,200	-36604,980
628+0,00	0,000	2,780	0,000	59,640	717,220	37381,840	-36664,620
629+0,00	0,000	4,860	0,000	76,330	717,220	37458,170	-36740,950
630+0,00	0,000	7,780	0,000	126,670	717,220	37584,840	-36867,620
631+0,00	0,000	9,780	0,000	175,730	717,220	37760,570	-37043,350
632+0,00	0,000	10,130	0,000	199,120	717,220	37959,690	-37242,470
633+0,00	0,000	10,360	0,000	204,910	717,220	38164,600	-37447,380
634+0,00	0,000	8,990	0,000	193,450	717,220	38358,050	-37640,830
635+0,00	0,000	7,360	0,000	163,500	717,220	38521,550	-37804,330
636+0,00	0,000	5,070	0,000	124,320	717,220	38645,870	-37928,650
637+0,00	0,000	3,130	0,000	81,970	717,220	38727,840	-38010,620
638+0,00	0,000	2,810	0,000	59,330	717,220	38787,170	-38069,950
639+0,00	0,000	2,810	0,000	56,190	717,220	38843,360	-38126,140
640+0,00	0,000	1,850	0,000	46,650	717,220	38890,010	-38172,790
641+0,00	0,000	1,860	0,000	37,130	717,220	38927,140	-38209,920
642+0,00	0,000	2,520	0,000	43,820	717,220	38970,960	-38253,740
643+0,00	0,000	3,370	0,000	58,880	717,220	39029,840	-38312,620
644+0,00	0,000	4,690	0,000	80,540	717,220	39110,380	-38393,160
645+0,00	0,000	6,280	0,000	109,630	717,220	39220,020	-38502,800
646+0,00	0,000	7,900	0,000	141,760	717,220	39361,780	-38644,560
647+0,00	0,000	7,170	0,000	150,740	717,220	39512,520	-38795,300
648+0,00	0,000	5,930	0,000	131,020	717,220	39643,540	-38926,320
649+0,00	0,000	5,470	0,000	114,030	717,220	39757,580	-39040,360
650+0,00	0,000	5,260	0,000	107,330	717,220	39864,900	-39147,680
651+0,00	0,000	4,840	0,000	100,980	717,220	39965,880	-39248,660
652+0,00	0,000	3,820	0,000	86,550	717,220	40052,440	-39335,220
653+0,00	0,000	3,590	0,000	74,030	717,220	40126,470	-39409,250
654+0,00	0,000	2,670	0,000	62,670	717,220	40189,140	-39471,920
655+0,00	0,000	2,610	0,000	52,830	717,220	40241,970	-39524,750
656+0,00	0,000	2,020	0,000	46,280	717,220	40288,250	-39571,030
657+0,00	0,000	0,830	0,000	28,510	717,220	40316,760	-39599,540
658+0,00	0,010	0,440	0,120	12,720	717,340	40329,480	-39612,140
659+0,00	0,040	0,330	0,480	7,710	717,820	40337,180	-39619,360
660+0,00	0,000	0,690	0,360	10,220	718,180	40347,410	-39629,230
661+0,00	0,000	2,000	0,000	26,940	718,180	40374,350	-39656,170
662+0,00	0,000	2,950	0,000	49,550	718,180	40423,900	-39705,720
663+0,00	0,000	3,450	0,000	63,980	718,180	40487,880	-39769,700
664+0,00	0,000	2,980	0,000	64,270	718,180	40552,150	-39833,970
665+0,00	0,000	2,920	0,000	58,990	718,180	40611,140	-39892,960
666+0,00	0,000	2,750	0,000	56,730	718,180	40667,870	-39949,690
667+0,00	0,000	3,140	0,000	58,900	718,180	40726,770	-40008,590
668+0,00	0,000	3,270	0,000	64,080	718,180	40790,850	-40072,670
669+0,00	0,000	3,340	0,000	66,150	718,180	40857,010	-40138,830
670+0,00	0,000	3,160	0,000	65,020	718,180	40922,030	-40203,850
671+0,00	0,000	3,050	0,000	62,120	718,180	40984,150	-40265,970
672+0,00	0,000	3,100	0,000	61,520	718,180	41045,660	-40327,480
673+0,00	0,000	2,850	0,000	59,440	718,180	41105,100	-40386,920
674+0,00	0,000	0,430	0,020	32,750	718,210	41137,850	-40419,640
675+0,00	3,440	0,000	34,420	4,280	752,630	41142,120	-40389,490
676+0,00	8,160	0,000	116,030	0,000	868,660	41142,120	-40273,460
677+0,00	13,360	0,000	215,220	0,000	1083,880	41142,120	-40058,240
678+0,00	15,480	0,000	288,410	0,000	1372,290	41142,120	-39769,830
679+0,00	11,910	0,000	273,930	0,000	1646,230	41142,120	-39495,890

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
680+0,00	8,080	0,000	199,860	0,000	1846,080	41142,120	-39296,040
681+0,00	4,650	0,000	127,230	0,000	1973,310	41142,120	-39168,810
682+0,00	1,580	0,000	62,280	0,000	2035,580	41142,120	-39106,540
683+0,00	0,000	1,260	15,820	12,570	2051,400	41154,690	-39103,290
684+0,00	0,000	2,880	0,000	41,400	2051,400	41196,090	-39144,690
685+0,00	0,000	3,010	0,000	58,950	2051,400	41255,040	-39203,640
686+0,00	0,000	3,080	0,000	60,940	2051,400	41315,980	-39264,580
687+0,00	0,000	3,160	0,000	62,370	2051,400	41378,350	-39326,950
688+0,00	0,000	3,490	0,000	66,450	2051,400	41444,800	-39393,400
689+0,00	0,000	3,420	0,000	69,060	2051,400	41513,860	-39462,460
690+0,00	0,000	3,090	0,000	65,030	2051,400	41578,890	-39527,490
691+0,00	0,000	2,670	0,000	57,520	2051,400	41636,410	-39585,010
692+0,00	0,000	2,750	0,000	54,050	2051,400	41690,460	-39639,060
693+0,00	0,000	2,990	0,000	57,350	2051,400	41747,820	-39696,420
694+0,00	0,000	3,000	0,000	59,880	2051,400	41807,700	-39756,300
695+0,00	0,010	3,130	0,110	61,150	2051,510	41868,850	-39817,340
696+0,00	0,000	2,240	0,110	53,700	2051,620	41922,550	-39870,930
697+0,00	0,000	0,900	0,000	31,400	2051,620	41953,950	-39902,330
698+0,00	0,000	2,500	0,000	34,070	2051,620	41988,020	-39936,400
699+0,00	0,000	3,490	0,000	59,930	2051,620	42047,960	-39996,340
700+0,00	0,000	3,180	0,000	66,640	2051,620	42114,600	-40062,980
701+0,00	0,000	3,210	0,000	63,850	2051,620	42178,450	-40126,830
702+0,00	0,000	3,250	0,000	64,550	2051,620	42243,000	-40191,380
703+0,00	0,000	1,190	0,000	44,350	2051,620	42287,350	-40235,730
704+0,00	0,000	1,920	0,000	31,070	2051,620	42318,420	-40266,800
705+0,00	0,000	2,970	0,000	48,860	2051,620	42367,280	-40315,660
706+0,00	0,000	3,350	0,000	63,180	2051,620	42430,460	-40378,840
707+0,00	0,000	3,190	0,000	65,380	2051,620	42495,840	-40444,220
708+0,00	0,000	3,240	0,000	63,950	2051,620	42559,790	-40508,170
709+0,00	0,000	4,650	0,000	78,840	2051,620	42638,620	-40587,000
710+0,00	0,000	2,860	0,000	75,090	2051,620	42713,710	-40662,090
711+0,00	0,000	2,350	0,000	52,140	2051,620	42765,850	-40714,230
712+0,00	0,000	2,450	0,000	47,990	2051,620	42813,840	-40762,220
713+0,00	0,000	2,770	0,000	52,270	2051,620	42866,110	-40814,490
714+0,00	0,000	2,790	0,000	55,580	2051,620	42921,690	-40870,070
715+0,00	0,000	3,600	0,000	63,820	2051,620	42985,510	-40933,890
716+0,00	0,000	3,690	0,000	72,890	2051,620	43058,400	-41006,780
717+0,00	0,000	3,290	0,000	69,870	2051,620	43128,280	-41076,660
718+0,00	0,000	3,170	0,000	64,810	2051,630	43193,080	-41141,450
719+0,00	0,000	3,510	0,000	66,810	2051,630	43259,900	-41208,270
720+0,00	0,000	3,570	0,000	70,770	2051,630	43330,670	-41279,040
721+0,00	0,000	4,120	0,000	76,930	2051,630	43407,600	-41355,970
722+0,00	0,000	5,110	0,000	92,340	2051,630	43499,940	-41448,310
723+0,00	0,000	7,040	0,000	121,410	2051,630	43621,350	-41569,720
724+0,00	0,000	9,450	0,000	164,860	2051,630	43786,210	-41734,580
725+0,00	0,000	10,370	0,000	198,140	2051,630	43984,350	-41932,720
726+0,00	0,000	8,520	0,000	188,860	2051,630	44173,210	-42121,580
727+0,00	0,000	6,040	0,000	145,610	2051,630	44318,820	-42267,190
728+0,00	0,000	6,030	0,000	120,750	2051,630	44439,570	-42387,940
729+0,00	0,000	4,450	0,000	104,850	2051,630	44544,420	-42492,790
730+0,00	0,000	2,800	0,000	72,350	2051,630	44616,770	-42565,140
731+0,00	0,000	2,820	0,000	56,240	2051,630	44673,010	-42621,380
732+0,00	0,000	2,580	0,000	53,890	2051,630	44726,910	-42675,280
733+0,00	0,000	3,490	0,010	60,550	2051,630	44787,450	-42735,820
734+0,00	0,000	3,650	0,010	71,420	2051,640	44858,870	-42807,230
735+0,00	0,000	3,880	0,000	75,210	2051,640	44934,090	-42882,450
736+0,00	0,000	3,520	0,000	74,030	2051,640	45008,120	-42956,480
737+0,00	0,000	2,820	0,000	63,450	2051,640	45071,570	-43019,930
738+0,00	0,000	2,900	0,000	57,230	2051,640	45128,790	-43077,150
739+0,00	0,000	2,710	0,000	56,140	2051,640	45184,930	-43133,290
740+0,00	0,000	2,370	0,000	50,750	2051,640	45235,680	-43184,040
741+0,00	0,000	2,400	0,000	47,540	2051,640	45283,220	-43231,580
742+0,00	0,000	3,100	0,000	54,990	2051,640	45338,210	-43286,570
743+0,00	0,000	3,100	0,000	62,020	2051,640	45400,230	-43348,590
744+0,00	0,000	2,680	0,000	57,810	2051,640	45458,040	-43406,400
745+0,00	0,000	3,230	0,000	59,270	2051,640	45517,310	-43465,670
746+0,00	0,000	4,400	0,000	76,310	2051,640	45593,620	-43541,980
747+0,00	0,000	6,010	0,000	104,050	2051,640	45697,660	-43646,020
748+0,00	0,000	8,090	0,000	140,940	2051,640	45838,600	-43786,960

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
749+0,00	0,000	9,940	0,000	180,240	2051,640	46018,840	-43967,200
750+0,00	0,000	9,840	0,000	197,750	2051,640	46216,590	-44164,950
751+0,00	0,000	5,910	0,000	157,200	2051,640	46373,790	-44322,150
752+0,00	0,000	2,650	0,000	85,570	2051,640	46459,360	-44407,720
753+0,00	0,020	2,030	0,150	46,180	2051,800	46505,540	-44453,740
754+0,00	0,020	1,610	0,400	35,870	2052,200	46541,410	-44489,210
755+0,00	0,010	1,690	0,280	33,040	2052,470	46574,450	-44521,980
756+0,00	0,000	2,070	0,050	37,130	2052,530	46611,590	-44559,060
757+0,00	0,060	0,400	0,630	24,690	2053,150	46636,270	-44583,120
758+0,00	0,260	0,080	3,210	4,780	2056,360	46641,060	-44584,700
759+0,00	0,560	0,030	8,190	1,080	2064,550	46642,140	-44577,590
760+0,00	0,000	2,840	5,660	28,620	2070,210	46670,760	-44600,550
761+0,00	0,000	3,400	0,000	62,380	2070,210	46733,140	-44662,930
762+0,00	0,000	3,400	0,000	67,990	2070,210	46801,120	-44730,910
763+0,00	0,000	3,580	0,000	69,490	2070,210	46870,610	-44800,400
764+0,00	0,000	3,290	0,000	68,740	2070,210	46939,350	-44869,140
765+0,00	0,000	3,010	0,000	63,070	2070,210	47002,420	-44932,210
766+0,00	0,000	2,870	0,000	58,590	2070,210	47061,010	-44990,800
767+0,00	0,000	3,640	0,000	65,130	2070,210	47126,140	-45055,930
768+0,00	0,000	3,240	0,000	68,760	2070,210	47194,900	-45124,690
769+0,00	0,000	2,720	0,000	59,530	2070,210	47254,440	-45184,230
770+0,00	0,000	2,260	0,000	49,790	2070,210	47304,230	-45234,020
771+0,00	0,000	2,640	0,000	48,980	2070,210	47353,210	-45283,000
772+0,00	0,000	2,940	0,000	55,810	2070,210	47409,020	-45338,810
773+0,00	0,000	1,780	0,020	47,240	2070,230	47456,260	-45386,030
774+0,00	0,190	0,800	1,900	25,780	2072,120	47482,040	-45409,920
775+0,00	0,290	0,560	4,800	13,620	2076,920	47495,670	-45418,750
776+0,00	0,130	1,100	4,250	16,630	2081,170	47512,300	-45431,130
777+0,00	0,000	2,660	1,330	37,620	2082,510	47549,920	-45467,410
778+0,00	0,000	3,590	0,000	62,520	2082,510	47612,430	-45529,920
779+0,00	0,000	3,100	0,000	66,940	2082,510	47679,370	-45596,860
780+0,00	0,030	2,430	0,290	55,350	2082,800	47734,720	-45651,920
781+0,00	0,010	2,850	0,400	52,840	2083,200	47787,570	-45704,370
782+0,00	0,000	3,390	0,110	62,310	2083,310	47849,870	-45766,560
783+0,00	0,000	3,930	0,000	73,220	2083,320	47923,100	-45839,780
784+0,00	0,000	6,970	0,000	108,940	2083,320	48032,040	-45948,720
785+0,00	0,000	6,410	0,000	133,130	2083,320	48165,180	-46081,860
786+0,00	0,000	4,910	0,000	113,180	2083,320	48278,350	-46195,030
787+0,00	0,000	2,980	0,000	78,940	2083,320	48357,300	-46273,980
788+0,00	0,000	2,670	0,050	56,280	2083,370	48413,570	-46330,200
789+0,00	0,000	2,560	0,050	52,270	2083,420	48465,850	-46382,430
790+0,00	0,000	2,850	0,000	54,070	2083,420	48519,910	-46436,490
791+0,00	0,000	3,680	0,000	65,040	2083,420	48584,950	-46501,530
792+0,00	0,000	3,580	0,000	72,590	2083,420	48657,550	-46574,130
793+0,00	0,000	2,930	0,000	65,180	2083,420	48722,720	-46639,300
794+0,00	0,000	2,560	0,000	54,940	2083,420	48777,660	-46694,240
795+0,00	0,000	2,140	0,000	47,010	2083,420	48824,660	-46741,240
796+0,00	0,000	2,300	0,000	44,410	2083,420	48869,080	-46785,660
797+0,00	0,000	2,900	0,000	52,020	2083,420	48921,100	-46837,680
798+0,00	0,000	3,070	0,000	59,700	2083,420	48980,810	-46897,390
799+0,00	0,000	3,030	0,000	60,950	2083,420	49041,750	-46958,330
800+0,00	0,000	2,420	0,000	54,430	2083,420	49096,190	-47012,770
801+0,00	0,000	2,750	0,000	51,690	2083,420	49147,870	-47064,450
802+0,00	0,000	3,290	0,000	60,470	2083,420	49208,340	-47124,920
803+0,00	0,000	3,300	0,000	65,960	2083,420	49274,310	-47190,890
804+0,00	0,000	3,400	0,000	66,980	2083,420	49341,290	-47257,870
805+0,00	0,000	3,290	0,000	66,840	2083,420	49408,130	-47324,710
806+0,00	0,000	3,180	0,000	64,650	2083,420	49472,780	-47389,360
807+0,00	0,000	2,830	0,000	60,050	2083,420	49532,830	-47449,410
808+0,00	0,000	3,080	0,000	59,050	2083,420	49591,870	-47508,450
809+0,00	0,000	2,450	0,000	55,300	2083,420	49647,170	-47563,750
810+0,00	0,000	2,580	0,000	50,480	2083,420	49697,650	-47614,230
811+0,00	0,000	2,650	0,000	52,360	2083,420	49750,020	-47666,600
812+0,00	0,000	2,810	0,000	54,650	2083,420	49804,670	-47721,250
813+0,00	0,000	2,630	0,000	54,330	2083,420	49859,000	-47775,580
814+0,00	0,000	2,440	0,000	50,700	2083,420	49909,710	-47826,290
815+0,00	0,000	2,450	0,000	48,890	2083,420	49958,600	-47875,180
816+0,00	0,000	2,800	0,000	52,510	2083,420	50011,100	-47927,680
817+0,00	0,000	3,090	0,000	58,950	2083,420	50070,060	-47986,640

Osvaldo Leonardo da S...
Diretor...
Presidente da Comissão...
Secretaria...

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
818+0,00	0,000	4,040	0,000	71,310	2083,420	50141,370	-48057,950
819+0,00	0,000	4,840	0,000	88,830	2083,420	50230,200	-48146,780
820+0,00	0,000	6,070	0,000	108,920	2083,420	50339,120	-48255,700
821+0,00	0,000	5,760	0,000	118,300	2083,420	50457,420	-48374,000
822+0,00	0,000	0,000	0,000	57,590	2083,420	50515,010	-48431,590
823+0,00	0,000	3,910	0,000	38,890	2083,420	50553,900	-48470,480
824+0,00	0,100	2,650	0,970	65,590	2084,380	50619,490	-48535,110
825+0,00	0,570	1,630	6,660	42,770	2091,040	50662,260	-48571,220
826+0,00	0,070	3,060	6,380	46,910	2097,420	50709,160	-48611,740
827+0,00	0,010	3,520	0,790	65,850	2098,210	50775,010	-48676,800
828+0,00	0,070	2,690	0,820	61,230	2099,030	50836,240	-48737,210
829+0,00	0,000	3,340	0,710	60,910	2099,740	50897,150	-48797,410
830+0,00	0,120	2,210	1,150	57,670	2100,890	50954,810	-48853,920
831+0,00	0,060	2,360	1,850	45,520	2102,740	51000,330	-48897,590
832+0,00	0,080	2,030	1,390	43,920	2104,130	51044,250	-48940,120
833+0,00	0,000	2,280	0,790	43,110	2104,920	51087,360	-48982,440
834+0,00	0,000	2,000	0,000	42,760	2104,920	51130,120	-49025,200
835+0,00	0,010	1,570	0,080	35,730	2105,000	51165,850	-49060,850
836+0,00	0,000	1,860	0,080	34,300	2105,090	51200,150	-49095,060
837+0,00	0,000	2,290	0,000	41,490	2105,090	51241,640	-49136,550
838+0,00	0,000	2,560	0,000	48,510	2105,090	51290,150	-49185,060
839+0,00	0,000	2,540	0,000	51,010	2105,090	51341,160	-49236,070
840+0,00	0,000	2,850	0,000	53,990	2105,090	51395,150	-49290,060
841+0,00	0,000	2,750	0,000	56,040	2105,090	51451,190	-49346,100
842+0,00	0,000	2,390	0,000	51,380	2105,090	51502,570	-49397,480
843+0,00	0,000	1,250	0,000	36,340	2105,090	51538,920	-49433,830
844+0,00	0,000	1,480	0,000	27,320	2105,090	51566,240	-49461,150
845+0,00	0,000	1,420	0,000	29,030	2105,090	51595,280	-49490,190
846+0,00	0,000	1,870	0,000	32,990	2105,090	51628,270	-49523,180
847+0,00	0,000	2,080	0,000	39,480	2105,090	51667,750	-49562,660
848+0,00	0,000	2,840	0,020	49,290	2105,110	51717,040	-49611,930
849+0,00	0,000	3,410	0,020	62,500	2105,120	51779,540	-49674,420
850+0,00	0,060	2,010	0,540	53,700	2105,660	51833,240	-49727,580
851+0,00	0,000	2,240	0,580	42,480	2106,240	51875,720	-49769,480
852+0,00	0,000	3,820	0,000	60,630	2106,240	51936,350	-49830,110
853+0,00	0,000	4,270	0,010	80,920	2106,250	52017,270	-49911,020
854+0,00	0,000	4,250	0,010	84,610	2106,250	52101,880	-49995,630
855+0,00	0,000	4,100	0,000	83,510	2106,250	52185,390	-50079,140
856+0,00	0,000	3,540	0,000	76,420	2106,250	52261,820	-50155,570
857+0,00	0,000	4,170	0,000	76,680	2106,250	52338,490	-50232,240
858+0,00	0,000	3,740	0,000	79,130	2106,250	52417,620	-50311,370
859+0,00	0,000	3,000	0,000	67,430	2106,250	52485,050	-50378,800
860+0,00	0,000	3,290	0,000	62,520	2106,250	52547,570	-50441,320
861+0,00	0,040	2,530	0,360	57,980	2106,610	52605,540	-50498,930
862+0,00	0,000	2,480	0,390	49,750	2107,000	52655,290	-50548,290
863+0,00	0,000	2,830	0,020	52,980	2107,020	52708,270	-50601,250
864+0,00	0,000	4,030	0,000	68,280	2107,030	52776,550	-50669,520
865+0,00	0,000	5,220	0,000	92,550	2107,030	52869,100	-50762,070
866+0,00	0,000	4,720	0,000	99,430	2107,030	52968,530	-50861,500
867+0,00	0,000	4,140	0,000	88,640	2107,030	53057,170	-50950,140
868+0,00	0,000	2,840	0,000	69,830	2107,030	53126,990	-51019,960
869+0,00	0,000	2,680	0,000	55,170	2107,030	53182,170	-51075,140
870+0,00	0,000	2,920	0,000	55,980	2107,030	53238,150	-51131,120
871+0,00	0,000	2,990	0,000	59,150	2107,030	53297,300	-51190,270
872+0,00	0,000	4,780	0,000	77,840	2107,030	53375,140	-51268,110
873+0,00	0,000	6,440	0,000	112,360	2107,030	53487,500	-51380,470
874+0,00	0,000	7,670	0,000	141,130	2107,030	53628,630	-51521,600
875+0,00	0,000	7,720	0,000	153,880	2107,030	53782,510	-51675,480
876+0,00	0,000	7,090	0,000	148,130	2107,030	53930,640	-51823,610
877+0,00	0,000	4,510	0,000	116,070	2107,030	54046,710	-51939,680
878+0,00	0,000	2,750	0,000	72,630	2107,030	54119,340	-52012,310
879+0,00	0,020	0,490	0,200	32,380	2107,220	54151,710	-52044,490
880+0,00	0,080	0,190	0,990	6,750	2108,220	54158,460	-52050,240
881+0,00	0,000	0,660	0,800	8,500	2109,020	54166,960	-52057,940
882+0,00	0,000	2,220	0,000	28,790	2109,020	54195,750	-52086,730
883+0,00	0,000	2,870	0,000	50,890	2109,020	54246,640	-52137,620
884+0,00	0,000	2,730	0,000	55,960	2109,020	54302,600	-52193,580
885+0,00	0,000	2,610	0,000	53,400	2109,020	54356,000	-52246,980
886+0,00	0,000	2,120	0,000	47,330	2109,020	54403,330	-52294,310

Geraldo Lebrão da Silva Filho
Diretor Executivo de Projetos
Projetos Viários
Secretaria de Obras Públicas

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
887+0,00	0,000	2,230	0,000	43,470	2109,020	54446,800	-52337,780
888+0,00	0,000	2,040	0,000	42,790	2109,020	54489,590	-52380,570
889+0,00	0,000	1,790	0,000	38,370	2109,020	54527,960	-52418,940
890+0,00	0,000	1,840	0,000	36,340	2109,020	54564,300	-52455,280
891+0,00	0,000	1,460	0,000	33,130	2109,020	54597,430	-52488,410
892+0,00	0,000	0,280	0,020	17,420	2109,040	54614,850	-52505,810
893+0,00	0,240	0,010	2,450	2,860	2111,480	54617,710	-52506,230
894+0,00	0,000	0,710	2,430	7,200	2113,910	54624,910	-52511,000
895+0,00	0,000	1,990	0,000	27,020	2113,910	54651,930	-52538,020
896+0,00	0,000	2,440	0,000	44,210	2113,910	54696,140	-52582,230
897+0,00	0,000	2,820	0,000	52,250	2113,910	54748,390	-52634,480
898+0,00	0,000	4,360	0,000	71,040	2113,910	54819,430	-52705,520
899+0,00	0,000	3,900	0,000	82,160	2113,910	54901,600	-52787,690
900+0,00	0,000	3,990	0,000	78,840	2113,910	54980,440	-52866,530
901+0,00	0,000	4,460	0,000	84,210	2113,910	55064,660	-52950,750
902+0,00	0,000	5,450	0,000	99,090	2113,910	55163,740	-53049,830
903+0,00	0,000	4,270	0,000	97,230	2113,910	55260,970	-53147,060
904+0,00	0,000	3,560	0,000	78,370	2113,910	55339,330	-53225,420
905+0,00	0,000	3,500	0,000	70,610	2113,910	55409,940	-53296,030
906+0,00	0,000	3,370	0,000	68,740	2113,910	55478,680	-53364,770
907+0,00	0,000	3,460	0,000	68,290	2113,910	55546,970	-53433,060
908+0,00	0,000	3,050	0,000	65,110	2113,910	55612,070	-53498,160
909+0,00	0,000	3,010	0,000	60,540	2113,910	55672,620	-53558,710
910+0,00	0,000	2,880	0,000	58,920	2113,910	55731,540	-53617,630
911+0,00	0,000	2,870	0,000	57,530	2113,910	55789,080	-53675,170
912+0,00	0,000	3,090	0,010	59,610	2113,930	55848,680	-53734,750
913+0,00	0,000	3,280	0,010	63,700	2113,940	55912,380	-53798,440
914+0,00	0,000	2,910	0,000	61,930	2113,940	55974,320	-53860,380
915+0,00	0,000	2,800	0,000	57,140	2113,940	56031,450	-53917,510
916+0,00	0,000	2,540	0,000	53,480	2113,940	56084,930	-53970,990
917+0,00	0,000	1,810	0,000	43,570	2113,940	56128,500	-54014,560
918+0,00	0,000	2,300	0,000	41,020	2113,940	56169,520	-54055,580
919+0,00	0,000	1,510	0,000	38,020	2113,940	56207,540	-54093,600
920+0,00	0,500	0,000	4,970	15,060	2118,910	56222,600	-54103,690
921+0,00	0,700	0,150	12,000	1,540	2130,910	56224,140	-54093,230
922+0,00	0,190	0,860	8,900	10,140	2139,810	56234,280	-54094,470
923+0,00	0,000	2,100	1,880	29,490	2141,700	56263,770	-54122,070
924+0,00	0,000	2,560	0,000	46,580	2141,700	56310,350	-54168,650
925+0,00	0,000	3,090	0,000	56,480	2141,700	56366,840	-54225,140
926+0,00	0,010	2,370	0,090	54,840	2141,790	56421,680	-54279,890
927+0,00	0,000	3,180	0,090	55,340	2141,880	56477,020	-54335,140
928+0,00	0,000	3,350	0,000	65,370	2141,880	56542,390	-54400,510
929+0,00	0,000	3,480	0,000	68,380	2141,880	56610,770	-54468,890
930+0,00	0,000	3,370	0,000	68,520	2141,880	56679,290	-54537,410
931+0,00	0,000	2,980	0,000	63,230	2141,880	56742,520	-54600,640
932+0,00	0,000	2,860	0,000	57,870	2141,880	56800,390	-54658,510
933+0,00	0,000	3,410	0,000	62,670	2141,880	56863,060	-54721,180
934+0,00	0,000	3,840	0,000	72,980	2141,880	56936,050	-54794,170
935+0,00	0,000	5,770	0,000	96,130	2141,880	57032,180	-54890,300
936+0,00	0,000	5,060	0,000	108,340	2141,880	57140,520	-54998,640
937+0,00	0,000	4,190	0,000	92,550	2141,880	57233,080	-55091,200
938+0,00	0,000	3,780	0,000	79,680	2141,880	57312,760	-55170,880
939+0,00	0,000	3,440	0,000	72,230	2141,880	57384,980	-55243,100
940+0,00	0,000	3,470	0,000	69,120	2141,880	57454,110	-55312,230
941+0,00	0,000	3,460	0,000	69,380	2141,880	57523,480	-55381,600
942+0,00	0,000	3,590	0,000	70,580	2141,880	57594,060	-55452,180
943+0,00	0,000	3,350	0,000	69,870	2141,880	57663,930	-55522,050
944+0,00	0,000	2,970	0,000	63,310	2141,880	57727,250	-55585,370
945+0,00	0,000	2,800	0,000	58,010	2141,880	57785,260	-55643,380
946+0,00	0,000	1,370	0,000	41,730	2141,880	57826,980	-55685,100
947+0,00	0,000	2,110	0,000	34,870	2141,890	57861,850	-55719,960
948+0,00	0,000	2,580	0,000	46,700	2141,890	57908,550	-55766,660
949+0,00	0,000	2,610	0,000	51,350	2141,890	57959,900	-55818,010
950+0,00	0,000	2,420	0,000	50,190	2141,890	58010,080	-55868,190
951+0,00	0,000	2,730	0,000	51,500	2141,890	58061,580	-55919,690
952+0,00	0,000	2,760	0,000	54,860	2141,890	58116,440	-55974,550
953+0,00	0,000	2,270	0,000	50,280	2141,890	58166,730	-56024,840
954+0,00	0,000	1,720	0,000	39,820	2141,890	58206,550	-56064,660
955+0,00	0,000	0,970	0,000	26,830	2141,890	58233,370	-56091,480

Gerald Leonardo da Silva Filho
Diretor Técnico
Responsável Técnico
Secretaria Municipal de Obras

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
956+0,00	0,000	2,530	0,000	34,940	2141,890	58268,320	-56126,430
957+0,00	0,000	3,410	0,000	59,380	2141,890	58327,700	-56185,810
958+0,00	0,000	2,930	0,000	63,370	2141,890	58391,070	-56249,180
959+0,00	0,000	3,360	0,000	62,830	2141,890	58453,890	-56312,000
960+0,00	0,000	3,530	0,000	68,880	2141,890	58522,770	-56380,880
961+0,00	0,000	2,960	0,000	64,850	2141,890	58587,620	-56445,730
962+0,00	0,000	2,720	0,000	56,700	2141,890	58644,310	-56502,420
963+0,00	0,000	3,730	0,000	64,240	2141,890	58708,550	-56566,660
964+0,00	0,000	5,580	0,000	93,090	2141,890	58801,640	-56659,750
965+0,00	0,000	3,140	0,000	87,200	2141,890	58888,840	-56746,950
966+0,00	0,000	1,910	0,000	50,570	2141,890	58939,410	-56797,520
967+0,00	0,000	2,050	0,000	39,600	2141,890	58979,010	-56837,120
968+0,00	0,000	1,620	0,000	36,560	2141,890	59015,570	-56873,680
969+0,00	0,010	1,370	0,090	29,780	2141,970	59045,350	-56903,380
970+0,00	0,090	1,580	1,070	28,960	2143,040	59074,310	-56931,270
971+0,00	0,110	1,870	1,980	34,530	2145,020	59108,850	-56963,830
972+0,00	0,050	2,300	1,600	41,590	2146,620	59150,440	-57003,820
973+0,00	0,110	2,140	1,610	44,370	2148,230	59194,810	-57046,580
974+0,00	0,320	1,520	4,260	36,550	2152,490	59231,360	-57078,870
975+0,00	0,460	1,400	7,830	29,130	2160,320	59260,490	-57100,170
976+0,00	0,290	1,580	7,580	29,790	2167,900	59290,280	-57122,380
977+0,00	0,000	1,910	2,940	34,950	2170,840	59325,230	-57154,390
978+0,00	0,040	2,570	0,430	44,870	2171,270	59370,100	-57198,830
979+0,00	0,090	2,430	1,300	50,260	2172,570	59420,360	-57247,790
980+0,00	0,450	0,000	5,430	24,330	2178,000	59444,690	-57266,690
981+0,00	0,520	1,160	9,720	11,580	2187,720	59456,270	-57268,550
982+0,00	0,350	1,360	8,670	25,150	2196,390	59481,420	-57285,030
983+0,00	0,030	3,000	3,790	43,610	2200,180	59525,030	-57324,850
984+0,00	0,000	3,870	0,280	68,970	2200,460	59594,000	-57393,540
985+0,00	0,000	3,320	0,000	71,860	2200,460	59665,860	-57465,400
986+0,00	0,000	3,840	0,000	71,530	2200,460	59737,390	-57536,930
987+0,00	0,000	4,940	0,000	87,270	2200,460	59824,660	-57624,200
988+0,00	0,000	4,940	0,000	98,070	2200,460	59922,730	-57722,270
989+0,00	0,000	3,300	0,020	81,510	2200,480	60004,250	-57803,770
990+0,00	0,000	3,640	0,020	69,390	2200,490	60073,640	-57873,150
991+0,00	0,020	2,170	0,230	58,060	2200,730	60131,700	-57930,970
992+0,00	0,010	2,250	0,330	44,190	2201,050	60175,890	-57974,840
993+0,00	0,010	2,370	0,170	46,020	2201,220	60221,910	-58020,690
994+0,00	0,020	2,450	0,260	47,340	2201,480	60269,260	-58067,780
995+0,00	0,000	2,830	0,180	52,330	2201,660	60321,590	-58119,930
996+0,00	0,000	2,920	0,000	57,530	2201,660	60379,120	-58177,460
997+0,00	0,000	3,130	0,000	60,000	2201,660	60439,120	-58237,460
998+0,00	0,020	2,340	0,190	54,730	2201,850	60493,850	-58292,000
999+0,00	0,000	2,700	0,190	50,380	2202,030	60544,220	-58342,190
1000+0,00	0,000	0,000	0,000	26,990	2202,030	60571,220	-58369,190
1001+0,00	0,000	2,860	0,000	28,580	2202,030	60599,800	-58397,770
1002+0,00	0,000	2,500	0,000	53,330	2202,030	60653,130	-58451,100
1003+0,00	0,000	3,300	0,000	58,080	2202,030	60711,210	-58509,180
1004+0,00	0,000	2,930	0,000	62,360	2202,030	60773,570	-58571,540
1005+0,00	0,000	2,320	0,000	52,320	2202,030	60825,890	-58623,860
1006+0,00	0,000	2,700	0,000	50,230	2202,040	60876,120	-58674,080
1007+0,00	0,000	3,050	0,000	57,550	2202,040	60933,670	-58731,630
1008+0,00	0,000	2,910	0,000	59,640	2202,040	60993,310	-58791,270
1009+0,00	0,000	3,460	0,000	63,690	2202,040	61057,000	-58854,960
1010+0,00	0,000	3,360	0,000	68,260	2202,040	61125,260	-58923,220
1011+0,00	0,000	2,810	0,000	61,210	2202,040	61186,470	-58984,430
1012+0,00	0,000	3,010	0,000	58,210	2202,050	61244,680	-59042,630
1013+0,00	0,000	3,000	0,020	59,700	2202,070	61304,380	-59102,310
1014+0,00	0,000	3,280	0,020	62,790	2202,090	61367,170	-59165,080
1015+0,00	0,000	3,140	0,000	64,160	2202,090	61431,330	-59229,240
1016+0,00	0,000	3,080	0,000	62,160	2202,090	61493,490	-59291,400
1017+0,00	0,000	2,630	0,000	57,220	2202,090	61550,710	-59348,620
1018+0,00	0,000	2,910	0,000	55,400	2202,090	61606,110	-59404,020
1019+0,00	0,000	2,820	0,000	57,340	2202,090	61663,450	-59461,360
1020+0,00	0,000	3,450	0,000	62,790	2202,090	61726,240	-59524,150
1021+0,00	0,000	2,320	0,000	57,710	2202,090	61783,950	-59581,860
1022+0,00	0,000	2,500	0,000	48,150	2202,090	61832,090	-59630,000
1023+0,00	0,000	4,210	0,000	67,080	2202,090	61899,170	-59697,080
1024+0,00	0,000	4,240	0,000	84,440	2202,090	61983,610	-59781,520

Osvaldo Leão
Presidente

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1025+0,00	0,000	0,000	0,000	42,340	2202,090	62025,950	-59823,860
1026+0,00	0,000	4,070	0,000	40,690	2202,090	62066,650	-59864,560
1027+0,00	0,000	4,050	0,000	81,150	2202,090	62147,790	-59945,700
1028+0,00	0,000	4,820	0,000	88,680	2202,090	62236,480	-60034,390
1029+0,00	0,000	4,500	0,000	93,270	2202,090	62329,740	-60127,650
1030+0,00	0,000	3,210	0,000	77,160	2202,090	62406,900	-60204,810
1031+0,00	0,000	2,410	0,000	56,230	2202,090	62463,140	-60261,050
1032+0,00	0,000	2,910	0,000	53,270	2202,090	62516,410	-60314,320
1033+0,00	0,000	2,410	0,000	53,220	2202,090	62569,640	-60367,550
1034+0,00	0,000	2,100	0,000	45,070	2202,090	62614,710	-60412,620
1035+0,00	0,000	2,070	0,000	41,690	2202,090	62656,400	-60454,310
1036+0,00	0,000	2,520	0,000	46,130	2202,090	62702,520	-60500,430
1037+0,00	0,000	2,660	0,000	51,800	2202,090	62754,320	-60552,230
1038+0,00	0,000	3,260	0,000	59,140	2202,090	62813,470	-60611,380
1039+0,00	0,000	3,670	0,000	69,520	2202,090	62882,990	-60680,900
1040+0,00	0,000	4,110	0,000	77,880	2202,090	62960,860	-60758,770
1041+0,00	0,000	3,310	0,000	74,200	2202,090	63035,060	-60832,970
1042+0,00	0,000	2,350	0,000	56,600	2202,090	63091,660	-60889,570
1043+0,00	0,000	2,230	0,000	45,640	2202,090	63137,300	-60935,210
1044+0,00	0,000	2,490	0,000	47,130	2202,090	63184,430	-60982,340
1045+0,00	0,000	2,770	0,000	51,720	2202,090	63236,160	-61034,070
1046+0,00	0,000	3,210	0,000	58,660	2202,090	63294,820	-61092,730
1047+0,00	0,000	4,300	0,000	74,970	2202,090	63369,790	-61167,700
1048+0,00	0,000	3,760	0,000	80,830	2202,090	63450,620	-61248,530
1049+0,00	0,000	3,360	0,000	71,870	2202,090	63522,490	-61320,400
1050+0,00	0,000	2,790	0,000	61,670	2202,090	63584,160	-61382,070
1051+0,00	0,000	2,730	0,000	55,230	2202,090	63639,390	-61437,300
1052+0,00	0,000	2,720	0,000	54,610	2202,090	63694,000	-61491,910
1053+0,00	0,000	2,210	0,000	49,300	2202,090	63743,300	-61541,210
1054+0,00	0,000	2,170	0,000	43,770	2202,090	63787,070	-61584,980
1055+0,00	0,000	2,360	0,000	45,140	2202,090	63832,200	-61630,110
1056+0,00	0,000	2,460	0,000	47,800	2202,090	63880,000	-61677,910
1057+0,00	0,000	2,530	0,000	49,780	2202,090	63929,790	-61727,700
1058+0,00	0,000	2,420	0,000	49,440	2202,090	63979,220	-61777,130
1059+0,00	0,000	2,200	0,000	46,220	2202,090	64025,440	-61823,350
1060+0,00	0,000	0,000	0,000	21,990	2202,090	64047,430	-61845,340
1061+0,00	0,000	1,830	0,000	18,290	2202,090	64065,720	-61863,630
1062+0,00	0,090	2,110	0,910	39,330	2203,000	64105,050	-61902,050
1063+0,00	0,140	2,490	2,180	46,140	2205,180	64151,190	-61946,010
1064+0,00	0,040	2,660	1,860	51,480	2207,040	64202,670	-61995,630
1065+0,00	0,000	1,520	0,420	41,860	2207,460	64244,530	-62037,070
1066+0,00	0,000	1,450	0,000	29,710	2207,460	64274,230	-62066,770
1067+0,00	0,000	1,750	0,000	31,920	2207,460	64306,150	-62098,690
1068+0,00	0,000	2,210	0,000	39,580	2207,460	64345,740	-62138,280
1069+0,00	0,000	2,410	0,000	46,250	2207,460	64391,990	-62184,530
1070+0,00	0,000	2,870	0,000	52,760	2207,460	64444,750	-62237,290
1071+0,00	0,000	3,110	0,000	59,400	2207,460	64504,140	-62296,680
1072+0,00	0,000	2,190	0,000	52,840	2207,460	64556,980	-62349,520
1073+0,00	0,000	1,510	0,000	36,970	2207,460	64593,960	-62386,500
1074+0,00	0,000	1,710	0,000	32,180	2207,460	64626,140	-62418,680
1075+0,00	0,000	2,390	0,000	41,060	2207,460	64667,200	-62459,740
1076+0,00	0,000	2,940	0,000	53,320	2207,460	64720,520	-62513,060
1077+0,00	0,000	3,440	0,000	63,800	2207,460	64784,330	-62576,870
1078+0,00	0,000	3,270	0,000	67,170	2207,460	64851,500	-62644,040
1079+0,00	0,000	2,730	0,000	60,140	2207,460	64911,640	-62704,180
1080+0,00	0,000	2,380	0,000	51,090	2207,460	64962,730	-62755,270
1081+0,00	0,000	2,210	0,000	45,610	2207,460	65008,340	-62800,880
1082+0,00	0,000	3,430	0,000	56,050	2207,460	65064,390	-62856,930
1083+0,00	0,000	3,950	0,000	73,780	2207,460	65138,170	-62930,710
1084+0,00	0,000	3,560	0,000	75,180	2207,460	65213,350	-63005,890
1085+0,00	0,050	2,430	0,520	59,900	2207,970	65273,250	-63065,280
1086+0,00	0,020	3,180	0,790	55,090	2208,760	65328,340	-63119,580
1087+0,00	0,190	2,700	2,180	58,520	2210,950	65386,850	-63175,900
1088+0,00	0,170	2,750	3,620	54,070	2214,560	65440,920	-63226,360
1089+0,00	0,090	3,040	2,580	57,830	2217,140	65498,750	-63281,610
1090+0,00	0,040	3,430	1,340	64,650	2218,470	65563,400	-63344,930
1091+0,00	0,080	3,090	1,200	65,160	2219,670	65628,560	-63408,890
1092+0,00	0,000	3,770	0,810	67,920	2220,490	65696,470	-63475,980
1093+0,00	0,030	2,640	0,280	64,030	2220,760	65760,510	-63539,750

Osvaldo Leôncio da Silva Neto
Departamento de Projetos
Projetos e Obras Viárias
Secretaria de Obras

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1094+0,00	0,030	2,550	0,560	51,870	2221,320	65812,370	-63591,050
1095+0,00	0,040	2,190	0,700	47,410	2222,020	65859,780	-63637,760
1096+0,00	0,010	2,460	0,530	46,530	2222,550	65906,310	-63683,760
1097+0,00	0,000	2,510	0,110	50,100	2222,660	65956,410	-63733,750
1098+0,00	0,000	2,440	0,000	49,930	2222,660	66006,350	-63783,690
1099+0,00	0,000	2,230	0,000	46,780	2222,660	66053,130	-63830,470
1100+0,00	0,000	2,120	0,000	43,680	2222,660	66096,810	-63874,150
1101+0,00	0,000	2,260	0,000	43,820	2222,660	66140,630	-63917,970
1102+0,00	0,000	2,170	0,000	44,320	2222,660	66184,950	-63962,290
1103+0,00	0,000	2,780	0,010	49,570	2222,670	66234,520	-64011,850
1104+0,00	0,000	1,770	0,000	45,420	2222,670	66279,940	-64057,270
1105+0,00	0,000	1,710	0,000	34,810	2222,670	66314,760	-64092,090
1106+0,00	0,000	2,390	0,000	40,980	2222,670	66355,730	-64133,060
1107+0,00	0,000	1,800	0,000	41,840	2222,680	66397,570	-64174,890
1108+0,00	0,000	3,050	0,000	48,380	2222,680	66445,950	-64223,270
1109+0,00	0,000	3,610	0,000	66,580	2222,680	66512,540	-64289,860
1110+0,00	0,000	3,790	0,000	73,980	2222,680	66586,520	-64363,840
1111+0,00	0,000	3,840	0,000	76,360	2222,680	66662,880	-64440,200
1112+0,00	0,000	3,710	0,000	75,520	2222,680	66738,400	-64515,720
1113+0,00	0,000	3,610	0,000	73,220	2222,680	66811,610	-64588,930
1114+0,00	0,000	4,040	0,000	76,500	2222,680	66888,120	-64665,440
1115+0,00	0,000	3,440	0,000	74,780	2222,680	66962,900	-64740,220
1116+0,00	0,000	3,060	0,000	65,050	2222,680	67027,950	-64805,270
1117+0,00	0,000	3,110	0,000	61,730	2222,680	67089,670	-64866,990
1118+0,00	0,000	2,460	0,000	55,740	2222,680	67145,420	-64922,740
1119+0,00	0,000	2,450	0,000	49,060	2222,680	67194,480	-64971,800
1120+0,00	0,000	2,110	0,000	45,650	2222,680	67240,120	-65017,440
1121+0,00	0,000	2,380	0,000	44,870	2222,680	67284,990	-65062,310
1122+0,00	0,000	2,260	0,000	46,350	2222,680	67331,340	-65108,660
1123+0,00	0,000	2,780	0,000	50,380	2222,680	67381,720	-65159,040
1124+0,00	0,000	2,980	0,000	57,580	2222,680	67439,300	-65216,620
1125+0,00	0,000	3,300	0,000	62,730	2222,680	67502,030	-65279,350
1126+0,00	0,000	3,210	0,000	65,090	2222,680	67567,130	-65344,450
1127+0,00	0,000	3,000	0,000	62,090	2222,680	67629,220	-65406,540
1128+0,00	0,000	2,410	0,000	54,070	2222,680	67683,280	-65460,600
1129+0,00	0,000	2,220	0,000	46,290	2222,680	67729,570	-65506,890
1130+0,00	0,000	2,970	0,000	51,930	2222,680	67781,500	-65558,820
1131+0,00	0,000	2,640	0,000	56,110	2222,680	67837,610	-65614,930
1132+0,00	0,000	2,580	0,000	52,160	2222,680	67889,780	-65667,100
1133+0,00	0,000	2,420	0,000	50,000	2222,680	67939,780	-65717,100
1134+0,00	0,000	2,690	0,000	51,120	2222,690	67990,890	-65768,200
1135+0,00	0,000	3,160	0,000	58,480	2222,690	68049,370	-65826,680
1136+0,00	0,000	3,810	0,000	69,670	2222,690	68119,040	-65896,350
1137+0,00	0,000	3,920	0,000	77,180	2222,690	68196,220	-65973,530
1138+0,00	0,000	3,020	0,000	69,360	2222,690	68265,580	-66042,890
1139+0,00	0,000	3,200	0,000	62,200	2222,690	68327,780	-66105,090
1140+0,00	0,000	3,500	0,000	66,980	2222,690	68394,760	-66172,070
1141+0,00	0,000	3,400	0,000	68,990	2222,690	68463,750	-66241,060
1142+0,00	0,000	2,410	0,000	58,060	2222,690	68521,810	-66299,120
1143+0,00	0,000	0,000	0,000	24,060	2222,690	68545,870	-66323,180
1144+0,00	0,000	0,000	0,000	0,000	2222,690	68545,870	-66323,180
1145+0,00	0,000	3,070	0,000	30,660	2222,690	68576,530	-66353,840
1146+0,00	0,000	2,230	0,050	53,020	2222,740	68629,550	-66406,810
1147+0,00	0,000	3,120	0,050	53,520	2222,780	68683,070	-66460,290
1148+0,00	0,040	2,510	0,370	56,230	2223,150	68739,300	-66516,150
1149+0,00	0,000	2,600	0,360	51,290	2223,510	68790,590	-66567,080
1150+0,00	0,000	2,370	0,040	49,750	2223,550	68840,340	-66616,790
1151+0,00	0,000	2,750	0,040	51,430	2223,590	68891,770	-66668,180
1152+0,00	0,000	2,820	0,000	55,640	2223,590	68947,410	-66723,820
1153+0,00	0,000	2,770	0,000	55,860	2223,590	69003,270	-66779,680
1154+0,00	0,000	2,500	0,000	52,350	2223,590	69055,610	-66832,020
1155+0,00	0,020	1,520	0,230	40,170	2223,820	69095,790	-66871,970
1156+0,00	0,140	0,980	1,670	24,850	2225,490	69120,630	-66895,140
1157+0,00	0,090	1,130	2,300	21,140	2227,790	69141,770	-66913,980
1158+0,00	0,000	2,990	0,890	41,240	2228,680	69183,010	-66954,330
1159+0,00	0,000	3,530	0,000	64,920	2228,680	69247,930	-67019,250
1160+0,00	0,000	3,200	0,000	67,150	2228,680	69315,080	-67086,400
1161+0,00	0,000	2,920	0,000	61,180	2228,680	69376,260	-67147,580
1162+0,00	0,000	3,190	0,000	61,090	2228,680	69437,350	-67208,670

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1163+0,00	0,000	2,800	0,000	59,980	2228,680	69497,320	-67268,640
1164+0,00	0,000	2,740	0,000	55,590	2228,680	69552,910	-67324,230
1165+0,00	0,000	4,310	0,000	70,510	2228,680	69623,420	-67394,740
1166+0,00	0,000	2,690	0,000	70,080	2228,680	69693,490	-67464,810
1167+0,00	0,000	2,250	0,000	49,430	2228,680	69742,920	-67514,240
1168+0,00	0,000	1,480	0,000	37,300	2228,680	69780,220	-67551,540
1169+0,00	0,000	1,640	0,000	31,130	2228,680	69811,350	-67582,670
1170+0,00	0,000	1,430	0,000	30,780	2228,680	69842,130	-67613,450
1171+0,00	0,000	2,590	0,000	40,210	2228,680	69882,340	-67653,660
1172+0,00	0,320	0,920	3,190	35,120	2231,870	69917,460	-67685,590
1173+0,00	0,760	0,360	10,820	12,840	2242,690	69930,290	-67687,600

Osvaldo Leôncio da Silva Filho
Diretor Técnico de Engenharia
Projetos e Obras - DEPRO
Secretaria das Cidades (SCID)

14.2 TRECHO II

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Nota de Serviço Tabela

MUNICÍPIO DE FARTURA DO PIAUI AO MUNICÍPIO DE DIRCEU ARCOVERDE - PI 0+0.000 2270+15.000

Lado Esquerdo						Eixo				Lado Direito					
Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)	Estaca	Cota Projeto	Cota Terreno	Cota Vermelha	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)
-4.048	421.397	66.67	-4.000	421.365	-2.00	0+0.000	421.445	421.445	0.000	4.000	421.365	-2.00	4.176	421.482	66.67
-4.026	420.935	-150.00	-4.000	420.975	-2.00	1+0.000	421.055	420.977	0.078	4.000	420.975	-2.00	4.067	421.019	66.67
-4.113	420.371	-150.00	-4.000	420.541	-2.00	2+0.000	420.621	420.438	0.183	4.000	420.541	-2.00	4.025	420.504	-150.00
-4.233	419.757	-150.00	-4.000	420.107	-2.00	3+0.000	420.187	419.815	0.371	4.000	420.107	-2.00	4.156	419.873	-150.00
-4.285	419.235	-150.00	-4.000	419.662	-2.00	4+0.000	419.742	419.299	0.444	4.000	419.662	-2.00	4.207	419.352	-150.00
-4.301	418.753	-150.00	-4.000	419.206	-2.00	5+0.000	419.286	418.825	0.460	4.000	419.206	-2.00	4.207	418.896	-150.00
-4.383	418.452	-150.00	-4.000	419.026	-2.00	6+0.000	419.106	418.519	0.587	4.000	419.026	-2.00	4.293	418.587	-150.00
-4.455	418.289	-150.00	-4.000	418.972	-2.00	7+0.000	419.052	418.346	0.705	4.000	418.972	-2.00	4.379	418.403	-150.00
-4.424	418.282	-150.00	-4.000	418.918	-2.00	8+0.000	418.998	418.345	0.652	4.000	418.918	-2.00	4.342	418.405	-150.00
-4.381	418.292	-150.00	-4.000	418.863	-2.00	9+0.000	418.943	418.385	0.558	4.000	418.863	-2.00	4.267	418.463	-150.00
-4.314	418.350	-150.00	-4.000	418.820	-2.00	10+0.000	418.900	418.442	0.458	4.000	418.820	-2.00	4.198	418.524	-150.00
-4.311	418.331	-150.00	-4.000	418.797	-2.00	11+0.000	418.877	418.416	0.461	4.000	418.797	-2.00	4.198	418.500	-150.00
-4.339	418.142	-150.00	-4.000	418.650	-2.00	12+0.000	418.730	418.275	0.455	4.000	418.650	-2.00	4.165	418.402	-150.00
-4.333	417.879	-150.00	-4.000	418.379	-2.00	13+0.000	418.459	418.014	0.445	4.000	418.379	-2.00	4.157	418.143	-150.00
-4.319	417.572	-150.00	-4.000	418.050	-2.00	14+0.000	418.130	417.706	0.424	4.000	418.050	-2.00	4.143	417.835	-150.00
-4.338	417.214	-150.00	-4.000	417.721	-2.00	15+0.000	417.801	417.351	0.449	4.000	417.721	-2.00	4.158	417.484	-150.00
-4.330	416.897	-150.00	-4.000	417.392	-2.00	16+0.000	417.472	417.012	0.460	4.000	417.392	-2.00	4.179	417.123	-150.00
-4.311	416.596	-150.00	-4.000	417.063	-2.00	17+0.000	417.143	416.675	0.468	4.000	417.063	-2.00	4.207	416.752	-150.00
-4.321	416.252	-150.00	-4.000	416.734	-2.00	18+0.000	416.814	416.328	0.486	4.000	416.734	-2.00	4.231	416.388	-150.00
-4.313	415.936	-150.00	-4.000	416.405	-2.00	19+0.000	416.485	416.009	0.476	4.000	416.405	-2.00	4.232	416.057	-150.00
-4.281	415.654	-150.00	-4.000	416.076	-2.00	20+0.000	416.156	415.703	0.453	4.000	416.076	-2.00	4.217	415.751	-150.00
-4.292	415.309	-150.00	-4.000	415.747	-2.00	21+0.000	415.827	415.363	0.464	4.000	415.747	-2.00	4.221	415.416	-150.00
-4.326	414.930	-150.00	-4.000	415.418	-2.00	22+0.000	415.498	414.988	0.510	4.000	415.418	-2.00	4.248	415.046	-150.00
-4.304	414.633	-150.00	-4.000	415.089	-2.00	23+0.000	415.169	414.708	0.461	4.000	415.089	-2.00	4.213	414.770	-150.00
-4.271	414.419	-150.00	-4.000	414.825	-2.00	24+0.000	414.905	414.481	0.425	4.000	414.825	-2.00	4.190	414.541	-150.00
-4.425	414.593	-150.00	-4.000	415.231	-2.00	25+0.000	415.311	414.695	0.617	4.000	415.231	-2.00	4.292	414.793	-150.00
-4.441	415.385	-150.00	-4.000	416.046	-2.00	26+0.000	416.126	415.462	0.664	4.000	416.046	-2.00	4.333	415.546	-150.00
-4.391	416.274	-150.00	-4.000	416.861	-2.00	27+0.000	416.941	416.385	0.556	4.000	416.861	-2.00	4.256	416.477	-150.00
-4.240	417.316	-150.00	-4.000	417.676	-2.00	28+0.000	417.756	417.405	0.351	4.000	417.676	-2.00	4.130	417.481	-150.00
-4.132	418.293	-150.00	-4.000	418.491	-2.00	29+0.000	418.571	418.372	0.199	4.000	418.491	-2.00	4.028	418.449	-150.00
-4.077	419.190	-150.00	-4.000	419.306	-2.00	30+0.000	419.386	419.282	0.104	4.000	419.306	-2.00	4.101	419.373	66.67
-4.267	419.720	-150.00	-4.000	420.121	-2.00	31+0.000	420.201	419.809	0.392	4.000	420.121	-2.00	4.150	419.896	-150.00
-4.304	420.029	-150.00	-4.000	420.484	-2.00	32+0.000	420.564	420.128	0.436	4.000	420.484	-2.00	4.165	420.238	-150.00
-4.337	420.364	-150.00	-4.000	420.870	-2.00	33+0.000	420.950	420.511	0.439	4.000	420.870	-2.00	4.146	420.651	-150.00
-4.348	420.562	-150.00	-4.000	421.085	-2.00	34+0.000	421.165	420.728	0.436	4.000	421.085	-2.00	4.145	420.867	-150.00
-4.366	420.611	-150.00	-4.000	421.160	-2.00	35+0.000	421.240	420.792	0.448	4.000	421.160	-2.00	4.132	420.962	-150.00
-4.351	420.585	-150.00	-4.000	421.112	-2.00	36+0.000	421.192	420.765	0.427	4.000	421.112	-2.00	4.124	420.925	-150.00
-4.346	420.545	-150.00	-4.000	421.064	-2.00	37+0.000	421.144	420.724	0.420	4.000	421.064	-2.00	4.136	420.861	-150.00
-4.326	420.527	-150.00	-4.000	421.017	-2.00	38+0.000	421.097	420.663	0.434	4.000	421.017	-2.00	4.152	420.789	-150.00
-4.324	420.483	-150.00	-4.000	420.969	-2.00	39+0.000	421.049	420.614	0.435	4.000	420.969	-2.00	4.153	420.740	-150.00
-4.270	420.641	-150.00	-4.000	421.046	-2.00	40+0.000	421.126	420.695	0.431	4.000	421.046	-2.00	4.199	420.747	-150.00
-4.286	420.826	-150.00	-4.000	421.255	-2.00	41+0.000	421.335	420.886	0.449	4.000	421.255	-2.00	4.207	420.944	-150.00
-4.279	420.930	-150.00	-4.000	421.349	-2.00	42+0.000	421.429	420.986	0.443	4.000	421.349	-2.00	4.206	421.040	-150.00
-4.280	420.991	-150.00	-4.000	421.410	-2.00	43+0.000	421.490	421.046	0.444	4.000	421.410	-2.00	4.215	421.088	-150.00
-4.276	420.990	-150.00	-4.000	421.404	-2.00	44+0.000	421.484	421.036	0.448	4.000	421.404	-2.00	4.220	421.073	-150.00
-4.259	420.836	-150.00	-4.000	421.224	-2.00	45+0.000	421.304	420.890	0.414	4.000	421.224	-2.00	4.187	420.943	-150.00
-4.227	420.673	-150.00	-4.000	421.014	-2.00	46+0.000	421.094	420.756	0.338	4.000	421.014	-2.00	4.130	420.819	-150.00
-4.243	420.439	-150.00	-4.000	420.804	-2.00	47+0.000	420.884	420.525	0.358	4.000	420.804	-2.00	4.134	420.602	-150.00
-4.282	420.171	-150.00	-4.000	420.594	-2.00	48+0.000	420.674	420.280	0.394	4.000	420.594	-2.00	4.140	420.384	-150.00
-4.339	419.876	-150.00	-4.000	420.383	-2.00	49+0.000	420.463	420.012	0.451	4.000	420.383	-2.00	4.160	420.143	-150.00
-4.339	419.734	-150.00	-4.000	420.243	-2.00	50+0.000	420.323	419.879	0.444	4.000	420.243	-2.00	4.151	420.017	-150.00
-4.367	419.579	-150.00	-4.000	420.129	-2.00	51+0.000	420.209	419.767	0.442	4.000	420.129	-2.00	4.123	419.946	-150.00
-4.369	419.552	-150.00	-4.000	420.106	-2.00	52+0.000	420.186	419.739	0.447	4.000	420.106	-2.00	4.127	419.915	-150.00
-4.379	419.461	-150.00	-4.000	420.029	-2.00	53+0.000	420.109	419.656	0.453	4.000	420.029	-2.00	4.132	419.832	-150.00
-4.368	419.267	-150.00	-4.000	419.819	-2.00	54+0.000	419.899	419.459	0.441	4.000	419.819	-2.00	4.123	419.635	-150.00
-4.347	418.947	-150.00	-4.000	419.466	-2.00	55+0.000	419.546	419.125	0.421	4.000	419.466	-2.00	4.115	419.295	-150.00
-4.376	418.540	-150.00	-4.000	419.104	-2.00	56+0.000	419.184	418.724	0.459	4.000	419.104	-2.00	4.137	418.899	-150.00
-4.368	418.082	-150.00	-4.000	418.635	-2.00	57+0.000	418.715	418.260	0.454	4.000	418.635	-2.00	4.137	418.429	-150.00
-4.363	417.616	-150.00	-4.000	418.161	-2.00	58+0.000	418.241	417.788	0.453	4.000	418.161	-2.00	4.138	417.953	-150.00
-4.356	417.271	-150.00	-4.000	417.804	-2.00	59+0.000	417.884	417.432	0.452	4.000	417.804	-2.00	4.148	417.582	-150.00
-4.347	416.967	-150.00	-4.000	417.488	-2.00	60+0.000	417.568	417.120	0.448	4.000	417.488	-2.00	4.160	417.249	-150.00
-4.325	416.746	-150.00	-4.000	417.234	-2.00	61+0.000	417.314	416.884	0.429	4.000	417.234	-2.00	4.144	417.017	-150.00
-4.387	416.715	-150.00	-4.000	417.295	-2.00	62+0.000	417.375	416.841	0.534	4.000	417.295	-2.00	4.221	416.963	-150.00
-4.599	416.777	-150.00	-4.000	417.676	-2.00	63+0.000	417.756	416.892	0.864	4.000	417.676	-2.00	4.448	417.004	-150.00
-4.678	417.040	-150.00	-4.000	418.057	-2.00	64+0.000	418.137	417.126	1.011	4.000	418.057	-2.00	4.560	417.217	-150.00
-4.689	417.405	-150.00	-4.000	418.438	-2.00	65+0.000	418.518	417.485	1.033	4.000	418.438	-2.00	4.583	417.563	-150.00
-4.602	417.916	-150.00	-4.000	418.819	-2.00	66+0.000	418.899	417.942	0.957	4.000	418.819	-2.00	4.562	417.977	-150.00
-4.464	418.504	-150.00	-4.000	419.200	-2.00	67+0.000	419.280	418.502	0.778	4.000	419.200	-2.00	4.479	418.481	-150.00
-4.346	419.062	-150.00	-4.000	419.581	-2.00	68+0.000	419.661	419.038	0.623	4.000	419.581	-2.00	4.382	419.007	-150.00
-4.215	419.639	-150.00	-4.000	419.962	-2.00	69+0.000	420.042	419.591	0.450	4.000	419.962	-2.00	4.279	419.543	-150.00
-4.202	420.109	-150.00	-4.000	420.412	-2.00	70+0.000	420.492	420.048	0.443	4.000	420.412	-2.00	4.280	419.991	-150.00
-4.200	420.554	-150.00	-4.000	420.854	-2.00	71+0.000	420.934	420.502	0.432	4.000	420.854	-2.00	4.270	420.450	-150.00

Osvaldo Leôncio da S...
Diretor da Unidade de P...
Projetos e Obras
Secretaria de ...

-4.197	420.927	-150.00	-4.000	421.222	-2.00	72+0.000	421.302	420.866	0.436	4.000	421.222	-2.00	4.275	420.810	-150.00
-4.193	421.349	-150.00	-4.000	421.639	-2.00	73+0.000	421.719	421.300	0.419	4.000	421.639	-2.00	4.267	421.239	-150.00
-4.171	421.871	-150.00	-4.000	422.128	-2.00	74+0.000	422.208	421.789	0.419	4.000	422.128	-2.00	4.303	421.673	-150.00
-4.165	422.478	-150.00	-4.000	422.726	-2.00	75+0.000	422.806	422.391	0.415	4.000	422.726	-2.00	4.278	422.308	-150.00
-4.196	423.239	-150.00	-4.000	423.534	-2.00	76+0.000	423.614	423.215	0.399	4.000	423.534	-2.00	4.230	423.190	-150.00
-4.219	424.058	-150.00	-4.000	424.386	-2.00	77+0.000	424.466	424.038	0.428	4.000	424.386	-2.00	4.245	424.018	-150.00
-4.228	424.897	-150.00	-4.000	425.239	-2.00	78+0.000	425.319	424.903	0.416	4.000	425.239	-2.00	4.222	424.906	-150.00
-4.242	425.617	-150.00	-4.000	425.981	-2.00	79+0.000	426.061	425.631	0.429	4.000	425.981	-2.00	4.230	425.636	-150.00
-4.242	426.210	-150.00	-4.000	426.573	-2.00	80+0.000	426.653	426.226	0.427	4.000	426.573	-2.00	4.227	426.232	-150.00
-4.262	426.626	-150.00	-4.000	427.019	-2.00	81+0.000	427.099	426.672	0.427	4.000	427.019	-2.00	4.202	426.715	-150.00
-4.278	426.994	-150.00	-4.000	427.412	-2.00	82+0.000	427.492	427.085	0.407	4.000	427.412	-2.00	4.159	427.173	-150.00
-4.329	427.307	-150.00	-4.000	427.801	-2.00	83+0.000	427.881	427.399	0.482	4.000	427.801	-2.00	4.209	427.488	-150.00
-4.283	427.766	-150.00	-4.000	428.190	-2.00	84+0.000	428.270	427.856	0.415	4.000	428.190	-2.00	4.165	427.943	-150.00
-4.228	428.358	-150.00	-4.000	428.700	-2.00	85+0.000	428.780	428.378	0.402	4.000	428.700	-2.00	4.191	428.413	-150.00
-4.243	429.213	-150.00	-4.000	429.577	-2.00	86+0.000	429.657	429.233	0.425	4.000	429.577	-2.00	4.216	429.253	-150.00
-4.224	430.119	-150.00	-4.000	430.455	-2.00	87+0.000	430.535	430.085	0.450	4.000	430.455	-2.00	4.269	430.051	-150.00
-4.203	430.991	-150.00	-4.000	431.295	-2.00	88+0.000	431.375	430.950	0.425	4.000	431.295	-2.00	4.253	430.915	-150.00
-4.128	431.740	-150.00	-4.000	431.932	-2.00	89+0.000	432.012	431.700	0.311	4.000	431.932	-2.00	4.181	431.660	-150.00
-4.187	432.272	-150.00	-4.000	432.553	-2.00	90+0.000	432.633	432.232	0.400	4.000	432.553	-2.00	4.241	432.192	-150.00
-4.248	432.804	-150.00	-4.000	433.176	-2.00	91+0.000	433.256	432.828	0.428	4.000	433.176	-2.00	4.231	432.830	-150.00
-4.346	433.301	-150.00	-4.000	433.820	-2.00	92+0.000	433.900	433.331	0.569	4.000	433.820	-2.00	4.307	433.360	-150.00
-4.330	433.969	-150.00	-4.000	434.464	-2.00	93+0.000	434.544	434.033	0.512	4.000	434.464	-2.00	4.246	434.096	-150.00
-4.301	434.657	-150.00	-4.000	435.108	-2.00	94+0.000	435.188	434.721	0.468	4.000	435.108	-2.00	4.217	434.783	-150.00
-4.280	435.333	-150.00	-4.000	435.753	-2.00	95+0.000	435.833	435.404	0.428	4.000	435.753	-2.00	4.186	435.474	-150.00
-4.281	435.917	-150.00	-4.000	436.338	-2.00	96+0.000	436.418	435.987	0.432	4.000	436.338	-2.00	4.189	436.055	-150.00
-4.281	436.452	-150.00	-4.000	436.873	-2.00	97+0.000	436.953	436.535	0.419	4.000	436.873	-2.00	4.172	436.615	-150.00
-4.293	436.871	-150.00	-4.000	437.311	-2.00	98+0.000	437.391	436.959	0.432	4.000	437.311	-2.00	4.177	437.045	-150.00
-4.304	437.196	-150.00	-4.000	437.651	-2.00	99+0.000	437.731	437.260	0.472	4.000	437.651	-2.00	4.219	437.322	-150.00
-4.285	437.504	-150.00	-4.000	437.931	-2.00	100+0.000	438.011	437.579	0.432	4.000	437.931	-2.00	4.194	437.640	-150.00
-4.292	437.707	-150.00	-4.000	438.145	-2.00	101+0.000	438.225	437.786	0.438	4.000	438.145	-2.00	4.189	437.862	-150.00
-4.304	437.785	-150.00	-4.000	438.241	-2.00	102+0.000	438.321	437.848	0.473	4.000	438.241	-2.00	4.221	437.910	-150.00
-4.264	437.841	-150.00	-4.000	438.237	-2.00	103+0.000	438.317	437.885	0.432	4.000	438.237	-2.00	4.206	437.928	-150.00
-4.257	437.848	-150.00	-4.000	438.234	-2.00	104+0.000	438.314	437.883	0.431	4.000	438.234	-2.00	4.215	437.912	-150.00
-4.260	437.841	-150.00	-4.000	438.231	-2.00	105+0.000	438.311	437.847	0.464	4.000	438.231	-2.00	4.258	437.844	-150.00
-4.263	437.854	-150.00	-4.000	438.249	-2.00	106+0.000	438.329	437.865	0.464	4.000	438.249	-2.00	4.243	437.885	-150.00
-4.237	437.931	-150.00	-4.000	438.286	-2.00	107+0.000	438.366	437.910	0.456	4.000	438.286	-2.00	4.221	437.955	-150.00
-4.276	437.957	-150.00	-4.000	438.371	-2.00	108+0.000	438.451	438.007	0.444	4.000	438.371	-2.00	4.202	438.068	-150.00
-4.217	438.208	-150.00	-4.000	438.534	-2.00	109+0.000	438.614	438.202	0.413	4.000	438.534	-2.00	4.179	438.265	-150.00
-4.192	438.420	-150.00	-4.000	438.708	-2.00	110+0.000	438.788	438.473	0.315	4.000	438.708	-2.00	4.122	438.525	-150.00
-4.205	438.573	-150.00	-4.000	438.881	-2.00	111+0.000	438.961	438.655	0.306	4.000	438.881	-2.00	4.097	438.735	-150.00
-4.287	438.691	-150.00	-4.000	439.122	-2.00	112+0.000	439.202	438.777	0.425	4.000	439.122	-2.00	4.171	438.865	-150.00
-4.342	439.236	-150.00	-4.000	439.749	-2.00	113+0.000	439.829	439.298	0.532	4.000	439.749	-2.00	4.261	439.358	-150.00
-4.391	439.792	-150.00	-4.000	440.378	-2.00	114+0.000	440.458	439.889	0.569	4.000	440.378	-2.00	4.279	439.959	-150.00
-4.387	440.426	-150.00	-4.000	441.007	-2.00	115+0.000	441.087	440.512	0.575	4.000	441.007	-2.00	4.274	440.595	-150.00
-4.321	441.154	-150.00	-4.000	441.636	-2.00	116+0.000	441.716	441.242	0.473	4.000	441.636	-2.00	4.206	441.327	-150.00
-4.281	441.813	-150.00	-4.000	442.234	-2.00	117+0.000	442.314	441.875	0.439	4.000	442.234	-2.00	4.199	441.936	-150.00
-4.275	442.366	-150.00	-4.000	442.779	-2.00	118+0.000	442.859	442.419	0.439	4.000	442.779	-2.00	4.205	442.471	-150.00
-4.255	442.696	-150.00	-4.000	443.078	-2.00	119-0.000	443.158	442.717	0.441	4.000	443.078	-2.00	4.229	442.736	-150.00
-4.265	442.887	-150.00	-4.000	443.284	-2.00	120-0.000	443.364	442.919	0.445	4.000	443.284	-2.00	4.246	442.916	-150.00
-4.224	443.081	-150.00	-4.000	443.416	-2.00	121-0.000	443.496	443.053	0.443	4.000	443.416	-2.00	4.261	443.025	-150.00
-4.284	443.066	-150.00	-4.000	443.492	-2.00	122-0.000	443.572	443.025	0.547	4.000	443.492	-2.00	4.339	442.983	-150.00
-4.429	442.895	-150.00	-4.000	443.538	-2.00	123+0.000	443.618	442.853	0.765	4.000	443.538	-2.00	4.485	442.811	-150.00
-4.537	442.780	-150.00	-4.000	443.584	-2.00	124+0.000	443.664	442.738	0.926	4.000	443.584	-2.00	4.592	442.696	-150.00
-4.657	442.645	-150.00	-4.000	443.631	-2.00	125+0.000	443.711	442.598	1.113	4.000	443.631	-2.00	4.720	442.551	-150.00
-4.780	442.507	-150.00	-4.000	443.677	-2.00	126+0.000	443.757	442.407	1.351	4.000	443.677	-2.00	4.868	442.375	-150.00
-4.753	442.594	-150.00	-4.000	443.724	-2.00	127+0.000	443.804	442.499	1.305	4.000	443.724	-2.00	4.863	442.429	-150.00
-4.724	442.684	-150.00	-4.000	443.770	-2.00	128+0.000	443.850	442.624	1.226	4.000	443.770	-2.00	4.811	442.554	-150.00
-4.630	442.872	-150.00	-4.000	443.816	-2.00	129+0.000	443.896	442.800	1.096	4.000	443.816	-2.00	4.726	442.727	-150.00
-4.518	443.085	-150.00	-4.000	443.863	-2.00	130+0.000	443.943	443.013	0.930	4.000	443.863	-2.00	4.612	442.945	-150.00
-4.373	443.349	-150.00	-4.000	443.909	-2.00	131+0.000	443.989	443.274	0.715	4.000	443.909	-2.00	4.474	443.198	-150.00
-4.267	443.555	-150.00	-4.000	443.955	-2.00	132+0.000	444.035	443.483	0.553	4.000	443.955	-2.00	4.352	443.428	-150.00
-4.211	443.689	-150.00	-4.000	444.005	-2.00	133+0.000	444.085	443.644	0.441	4.000	444.005	-2.00	4.271	443.598	-150.00
-4.216	443.738	-150.00	-4.000	444.062	-2.00	134+0.000	444.142	443.697	0.445	4.000	444.062	-2.00	4.276	443.649	-150.00
-4.213	443.697	-150.00	-4.000	444.017	-2.00	135+0.000	444.097	443.660	0.437	4.000	444.017	-2.00	4.263	443.623	-150.00
-4.217	443.622	-150.00	-4.000	443.947	-2.00	136+0.000	444.027	443.581	0.446	4.000	443.947	-2.00	4.271	443.540	-150.00
-4.219	443.484	-150.00	-4.000	443.813	-2.00	137+0.000	443.893	443.447	0.446	4.000	443.813	-2.00	4.269	443.409	-150.00
-4.239	443.251	-150.00	-4.000	443.610	-2.00	138+0.000	443.690	443.214	0.476	4.000	443.610	-2.00	4.285	443.182	-150.00
-4.227	443.010	-150.00	-4.000	443.350	-2.00	139+0.000	443.430	442.974	0.456	4.000	443.350	-2.00	4.275	442.938	-150.00
-4.241	442.658	-150.00	-4.000	443.020	-2.00	140+0.000	443.100	442.631	0.469	4.000	443.020	-2.00	4.277	442.604	-150.00
-4.260	442.194	-150.00	-4.000	442.583	-2.00	141+0.000	442.663	442.197	0.466	4.000	442.583	-2.00	4.250	442.208	-150.00
-4.266	441.677	-150.00	-4.000	442.075	-2.00	142+0.000	442.155	441.687	0.469	4.000	442.075	-2.00	4.247	441.705	-150.00
-4.264	441.172	-150.00	-4.000	441.568	-2.00	143+0.000	441.648	441.181	0.468	4.000	441.568	-2.00	4.253	441.189	-150.00
-4.240	440.465	-150.00	-4.000	440.824	-2.00	144+0.000	440.904	440.426	0.478	4.000	440.824	-2.00	4.276	440.410	-150.00
-4.185	439.602	-150.00	-4.000	439.880	-2.00	145+0.000	439.960	439.608	0.352	4.000	439.880	-2.00	4.191	439.593	-150.00
-4.188	438.641	-150.00	-4.000	438.922	-2.00	146+0.000	439.002	438.539	0.464	4.000	438.922	-2.00	4.322	438.439	-150.00
-4.172	437.795	-150.00	-4.000	438.052	-2.00	147+0.000	438.132	437.669	0.463	4.000	438.052	-2.00	4.343	437.538	-150.00
-4.191	436.928	-150.00	-4.000	437.214	-2.00	148+0.000	437.294	436.797	0.497	4.000	437.214	-2.00	4.385	436.637	-150.00
-4.195	436.083	-150.00	-4.000	436.376	-2.00	149+0.000	436.456	435.908	0.548	4.000	436.376	-2.00	4.436	435.721	-150.00
-4.192	435.250	-150.00	-4.000	435.537	-2.00	150+0.000	435.617	435.071	0.546	4.000	435.537	-2.00	4.437	434.882	-150.00

Osvaldo Leôncio da S[illegible]lho
[illegible]
Peritos e Cálculos [illegible]
[illegible]

-4.179	434.430	-150.00	-4.000	434.699	-2.00	151+0.000	434.779	434.233	0.546	4.000	434.699	-2.00	4.450	434.023	-150.00
-4.140	433.650	-150.00	-4.000	433.860	-2.00	152+0.000	433.940	433.465	0.475	4.000	433.860	-2.00	4.408	433.248	-150.00
-4.163	432.699	-150.00	-4.000	432.945	-2.00	153+0.000	433.025	432.497	0.527	4.000	432.945	-2.00	4.442	432.281	-150.00
-4.113	431.854	-150.00	-4.000	432.024	-2.00	154+0.000	432.104	431.615	0.488	4.000	432.024	-2.00	4.444	431.357	-150.00
-4.116	430.930	-150.00	-4.000	431.103	-2.00	155+0.000	431.183	430.687	0.496	4.000	431.103	-2.00	4.457	430.418	-150.00
-4.068	429.858	-150.00	-4.000	429.961	-2.00	156+0.000	430.041	429.580	0.462	4.000	429.961	-2.00	4.458	429.274	-150.00
-4.024	428.689	-150.00	-4.000	428.724	-2.00	157+0.000	428.804	428.399	0.406	4.000	428.724	-2.00	4.430	428.079	-150.00
			-4.000	427.488	-2.00	158+0.000	427.568	427.170	0.398	4.000	427.488	-2.00	4.443	426.823	-150.00
-4.060	426.161	-150.00	-4.000	426.251	-2.00	159+0.000	426.331	425.869	0.462	4.000	426.251	-2.00	4.466	425.552	-150.00
-4.071	424.908	-150.00	-4.000	425.015	-2.00	160+0.000	425.095	424.612	0.482	4.000	425.015	-2.00	4.486	424.286	-150.00
-4.106	423.722	-150.00	-4.000	423.880	-2.00	161+0.000	423.960	423.461	0.500	4.000	423.880	-2.00	4.469	423.177	-150.00
-4.219	422.727	-150.00	-4.000	423.055	-2.00	162+0.000	423.135	422.490	0.645	4.000	423.055	-2.00	4.547	422.234	-150.00
-4.224	421.894	-150.00	-4.000	422.229	-2.00	163+0.000	422.309	421.713	0.596	4.000	422.229	-2.00	4.472	421.521	-150.00
-4.258	421.016	-150.00	-4.000	421.403	-2.00	164+0.000	421.483	420.855	0.628	4.000	421.403	-2.00	4.478	420.686	-150.00
-4.246	420.209	-150.00	-4.000	420.578	-2.00	165+0.000	420.658	420.178	0.479	4.000	420.578	-2.00	4.287	420.147	-150.00
-4.271	419.517	-150.00	-4.000	419.924	-2.00	166+0.000	420.004	419.486	0.518	4.000	419.924	-2.00	4.263	419.529	-150.00
-4.223	419.356	-150.00	-4.000	419.691	-2.00	167+0.000	419.771	419.403	0.368	4.000	419.691	-2.00	4.161	419.449	-150.00
-4.398	419.277	-150.00	-4.000	419.875	-2.00	168+0.000	419.955	419.421	0.533	4.000	419.875	-2.00	4.221	419.543	-150.00
-4.340	419.698	-150.00	-4.000	420.208	-2.00	169+0.000	420.288	419.823	0.465	4.000	420.208	-2.00	4.177	419.943	-150.00
-4.325	420.199	-150.00	-4.000	420.686	-2.00	170+0.000	420.766	420.354	0.412	4.000	420.686	-2.00	4.123	420.501	-150.00
-4.285	421.105	-150.00	-4.000	421.533	-2.00	171+0.000	421.613	421.215	0.398	4.000	421.533	-2.00	4.142	421.320	-150.00
-4.293	422.300	-150.00	-4.000	422.739	-2.00	172+0.000	422.819	422.418	0.401	4.000	422.739	-2.00	4.138	422.532	-150.00
-4.305	423.476	-150.00	-4.000	423.934	-2.00	173+0.000	424.014	423.630	0.384	4.000	423.934	-2.00	4.104	423.777	-150.00
-4.283	424.538	-150.00	-4.000	424.963	-2.00	174+0.000	425.043	424.662	0.381	4.000	424.963	-2.00	4.122	424.780	-150.00
-4.262	425.539	-150.00	-4.000	425.932	-2.00	175+0.000	426.012	425.650	0.362	4.000	425.932	-2.00	4.116	425.757	-150.00
-4.262	426.508	-150.00	-4.000	426.901	-2.00	176+0.000	426.981	426.606	0.375	4.000	426.901	-2.00	4.126	426.712	-150.00
-4.282	427.447	-150.00	-4.000	427.870	-2.00	177+0.000	427.950	427.538	0.411	4.000	427.870	-2.00	4.157	427.634	-150.00
-4.338	428.236	-150.00	-4.000	428.743	-2.00	178+0.000	428.823	428.408	0.415	4.000	428.743	-2.00	4.115	428.571	-150.00
-4.356	428.828	-150.00	-4.000	429.362	-2.00	179+0.000	429.442	429.013	0.429	4.000	429.362	-2.00	4.116	429.188	-150.00
-4.334	429.358	-150.00	-4.000	429.858	-2.00	180+0.000	429.938	429.522	0.417	4.000	429.858	-2.00	4.121	429.677	-150.00
-4.327	429.850	-150.00	-4.000	430.340	-2.00	181+0.000	430.420	430.014	0.406	4.000	430.340	-2.00	4.112	430.172	-150.00
-4.333	430.323	-150.00	-4.000	430.822	-2.00	182+0.000	430.902	430.510	0.392	4.000	430.822	-2.00	4.091	430.686	-150.00
-4.370	430.745	-150.00	-4.000	431.300	-2.00	183+0.000	431.380	430.949	0.430	4.000	431.300	-2.00	4.116	431.126	-150.00
-4.387	431.053	-150.00	-4.000	431.633	-2.00	184+0.000	431.713	431.273	0.440	4.000	431.633	-2.00	4.103	431.478	-150.00
-4.400	431.355	-150.00	-4.000	431.955	-2.00	185+0.000	432.035	431.599	0.436	4.000	431.955	-2.00	4.098	431.809	-150.00
-4.422	431.533	-150.00	-4.000	432.167	-2.00	186+0.000	432.247	431.780	0.467	4.000	432.167	-2.00	4.101	432.014	-150.00
-4.428	431.735	-150.00	-4.000	432.377	-2.00	187+0.000	432.457	432.017	0.440	4.000	432.377	-2.00	4.080	432.258	-150.00
-4.437	431.860	-150.00	-4.000	432.515	-2.00	188+0.000	432.595	432.144	0.451	4.000	432.515	-2.00	4.073	432.405	-150.00
-4.444	431.932	-150.00	-4.000	432.598	-2.00	189+0.000	432.678	432.234	0.444	4.000	432.598	-2.00	4.071	432.491	-150.00
-4.432	431.858	-150.00	-4.000	432.506	-2.00	190+0.000	432.586	432.160	0.426	4.000	432.506	-2.00	4.046	432.436	-150.00
-4.427	431.769	-150.00	-4.000	432.410	-2.00	191+0.000	432.490	432.054	0.436	4.000	432.410	-2.00	4.071	432.304	-150.00
-4.424	431.719	-150.00	-4.000	432.354	-2.00	192+0.000	432.434	432.031	0.403	4.000	432.354	-2.00	4.026	432.315	-150.00
-4.390	431.724	-150.00	-4.000	432.309	-2.00	193+0.000	432.389	432.006	0.383	4.000	432.309	-2.00	4.029	432.266	-150.00
-4.362	431.722	-150.00	-4.000	432.264	-2.00	194+0.000	432.344	431.990	0.354	4.000	432.264	-2.00	4.027	432.224	-150.00
-4.402	431.616	-150.00	-4.000	432.219	-2.00	195+0.000	432.299	431.844	0.456	4.000	432.219	-2.00	4.097	432.074	-150.00
-4.384	431.601	-150.00	-4.000	432.178	-2.00	196+0.000	432.258	431.821	0.437	4.000	432.178	-2.00	4.098	432.031	-150.00
-4.391	431.644	-150.00	-4.000	432.231	-2.00	197+0.000	432.311	431.870	0.441	4.000	432.231	-2.00	4.100	432.081	-150.00
-4.376	431.823	-150.00	-4.000	432.386	-2.00	198+0.000	432.466	432.047	0.419	4.000	432.386	-2.00	4.064	432.290	-150.00
-4.265	432.151	-150.00	-4.000	432.548	-2.00	199+0.000	432.628	432.421	0.207	4.000	432.548	-2.00	4.209	432.687	66.67
-4.022	432.677	-150.00	-4.000	432.710	-2.00	200+0.000	432.790	432.937	-0.148	4.000	432.710	-2.00	4.808	433.248	66.67
-4.106	432.712	-150.00	-4.000	432.871	-2.00	201+0.000	432.951	432.941	0.010	4.000	432.871	-2.00	4.480	433.192	66.67
-4.368	432.485	-150.00	-4.000	433.037	-2.00	202+0.000	433.117	432.694	0.424	4.000	433.037	-2.00	4.076	432.923	-150.00
-4.384	432.920	-150.00	-4.000	433.496	-2.00	203+0.000	433.576	433.146	0.430	4.000	433.496	-2.00	4.100	433.345	-150.00
-4.391	433.158	-150.00	-4.000	433.744	-2.00	204+0.000	433.824	433.397	0.427	4.000	433.744	-2.00	4.083	433.619	-150.00
-4.403	433.190	-150.00	-4.000	433.795	-2.00	205+0.000	433.875	433.454	0.421	4.000	433.795	-2.00	4.065	433.697	-150.00
-4.326	433.563	-150.00	-4.000	434.052	-2.00	206+0.000	434.132	433.676	0.456	4.000	434.052	-2.00	4.124	433.866	-150.00
-4.364	434.143	-150.00	-4.000	434.689	-2.00	207+0.000	434.769	434.279	0.490	4.000	434.689	-2.00	4.187	434.409	-150.00
-4.355	434.794	-150.00	-4.000	435.327	-2.00	208+0.000	435.407	434.940	0.467	4.000	435.327	-2.00	4.165	435.080	-150.00
-4.391	435.379	-150.00	-4.000	435.965	-2.00	209+0.000	436.045	435.547	0.498	4.000	435.965	-2.00	4.165	435.717	-150.00
-4.345	436.085	-150.00	-4.000	436.603	-2.00	210+0.000	436.683	436.188	0.495	4.000	436.603	-2.00	4.210	436.288	-150.00
-4.299	436.791	-150.00	-4.000	437.241	-2.00	211+0.000	437.321	436.893	0.427	4.000	437.241	-2.00	4.166	436.992	-150.00
-4.435	437.065	-150.00	-4.000	437.718	-2.00	212+0.000	437.798	437.221	0.577	4.000	437.718	-2.00	4.224	437.381	-150.00
-4.405	437.561	-150.00	-4.000	438.168	-2.00	213+0.000	438.248	437.638	0.610	4.000	438.168	-2.00	4.234	437.818	-150.00
-4.417	437.994	-150.00	-4.000	438.618	-2.00	214+0.000	438.698	438.138	0.561	4.000	438.618	-2.00	4.218	438.292	-150.00
-4.341	438.579	-150.00	-4.000	439.091	-2.00	215+0.000	439.171	438.731	0.439	4.000	439.091	-2.00	4.143	438.877	-150.00
-4.346	439.298	-150.00	-4.000	439.818	-2.00	216+0.000	439.898	439.443	0.455	4.000	439.818	-2.00	4.151	439.591	-150.00
-4.333	440.129	-150.00	-4.000	440.629	-2.00	217+0.000	440.709	440.274	0.435	4.000	440.629	-2.00	4.144	440.413	-150.00
-4.306	440.981	-150.00	-4.000	441.440	-2.00	218+0.000	441.520	441.124	0.396	4.000	441.440	-2.00	4.119	441.261	-150.00
-4.287	441.820	-150.00	-4.000	442.251	-2.00	219+0.000	442.331	441.899	0.432	4.000	442.251	-2.00	4.162	442.008	-150.00
-4.244	442.664	-150.00	-4.000	443.031	-2.00	220+0.000	443.111	442.681	0.430	4.000	443.031	-2.00	4.179	442.762	-150.00
-4.361	443.206	-150.00	-4.000	443.748	-2.00	221+0.000	443.828	443.241	0.587	4.000	443.748	-2.00	4.315	443.276	-150.00
-4.439	443.806	-150.00	-4.000	444.465	-2.00	222+0.000	444.545	443.846	0.699	4.000	444.465	-2.00	4.387	443.885	-150.00
-4.595	444.289	-150.00	-4.000	445.182	-2.00	223+0.000	445.262	444.368	0.894	4.000	445.182	-2.00	4.489	444.449	-150.00
-4.594	445.008	-150.00	-4.000	445.899	-2.00	224+0.000	445.979	445.125	0.854	4.000	445.899	-2.00	4.387	445.319	-150.00
-4.433	445.966	-150.00	-4.000	446.616	-2.00	225+0.000	446.696	446.177	0.518	4.000	446.616	-2.00	4.164	446.369	-150.00
-4.361	446.933	-150.00	-4.000	447.474	-2.00	226+0.000	447.554	447.121	0.432	4.000	447.474	-2.00	4.104	447.317	-150.00
-4.302	447.988	-150.00	-4.000	448.441	-2.00	227+0.000	448.521	448.126	0.395	4.000	448.441	-2.00	4.088	448.309	-150.00
-4.273	448.998	-150.00	-4.000	449.408	-2.00	228+0.000	449.488	449.126	0.361	4.000	449.408	-2.00	4.106	449.250	-150.00
-4.318	449.894	-150.00	-4.000	450.371	-2.00	229+0.000	450.451	450.017	0.434	4.000	450.371	-2.00	4.157	450.135	-150.00

Osvaldo Leônicio da Silva Filho
Diretor da Unidade de Projetos e Obras
Secretaria das Cidades

-4.294	450.611	-150.00	-4.000	451.052	-2.00	230+0.000	451.132	450.720	0.412	4.000	451.052	-2.00	4.148	450.829	-150.00
-4.228	451.347	-150.00	-4.000	451.690	-2.00	231+0.000	451.770	451.435	0.335	4.000	451.690	-2.00	4.114	451.519	-150.00
-4.261	451.938	-150.00	-4.000	452.329	-2.00	232+0.000	452.409	452.008	0.400	4.000	452.329	-2.00	4.167	452.077	-150.00
-4.258	452.581	-150.00	-4.000	452.967	-2.00	233+0.000	453.047	452.585	0.463	4.000	452.967	-2.00	4.253	452.588	-150.00
-4.163	453.361	-150.00	-4.000	453.606	-2.00	234+0.000	453.686	453.367	0.318	4.000	453.606	-2.00	4.154	453.374	-150.00
-4.182	453.971	-150.00	-4.000	454.244	-2.00	235+0.000	454.324	453.945	0.379	4.000	454.244	-2.00	4.201	453.942	-150.00
-4.169	454.630	-150.00	-4.000	454.884	-2.00	236+0.000	454.964	454.546	0.418	4.000	454.884	-2.00	4.245	454.517	-150.00
-4.174	455.291	-150.00	-4.000	455.552	-2.00	237+0.000	455.632	455.212	0.420	4.000	455.552	-2.00	4.281	455.131	-150.00
-4.126	456.032	-150.00	-4.000	456.220	-2.00	238+0.000	456.300	455.983	0.318	4.000	456.220	-2.00	4.208	455.908	-150.00
-4.157	456.654	-150.00	-4.000	456.889	-2.00	239+0.000	456.969	456.618	0.351	4.000	456.889	-2.00	4.205	456.581	-150.00
-4.219	457.228	-150.00	-4.000	457.557	-2.00	240+0.000	457.637	457.212	0.425	4.000	457.557	-2.00	4.241	457.196	-150.00
-4.225	457.606	-150.00	-4.000	457.944	-2.00	241+0.000	458.024	457.629	0.395	4.000	457.944	-2.00	4.194	457.653	-150.00
-4.151	457.882	-150.00	-4.000	458.108	-2.00	242+0.000	458.188	457.834	0.354	4.000	458.108	-2.00	4.176	457.844	-150.00
-4.197	457.975	-150.00	-4.000	458.270	-2.00	243+0.000	458.350	457.910	0.440	4.000	458.270	-2.00	4.255	457.887	-150.00
-4.201	457.983	-150.00	-4.000	458.284	-2.00	244+0.000	458.364	457.916	0.448	4.000	458.284	-2.00	4.282	457.861	-150.00
-4.216	457.875	-150.00	-4.000	458.198	-2.00	245+0.000	458.278	457.823	0.455	4.000	458.198	-2.00	4.282	457.775	-150.00
-4.222	457.642	-150.00	-4.000	457.975	-2.00	246+0.000	458.055	457.603	0.452	4.000	457.975	-2.00	4.280	457.555	-150.00
-4.208	457.182	-150.00	-4.000	457.494	-2.00	247+0.000	457.574	457.203	0.371	4.000	457.494	-2.00	4.186	457.215	-150.00
-4.118	456.747	-150.00	-4.000	456.923	-2.00	248+0.000	457.003	456.771	0.233	4.000	456.923	-2.00	4.062	456.830	-150.00
-4.156	456.118	-150.00	-4.000	456.352	-2.00	249+0.000	456.432	456.142	0.290	4.000	456.352	-2.00	4.088	456.221	-150.00
-4.269	455.378	-150.00	-4.000	455.781	-2.00	250+0.000	455.861	455.491	0.370	4.000	455.781	-2.00	4.137	455.576	-150.00
-4.345	454.693	-150.00	-4.000	455.210	-2.00	251+0.000	455.290	454.871	0.419	4.000	455.210	-2.00	4.121	455.028	-150.00
-4.367	454.089	-150.00	-4.000	454.639	-2.00	252+0.000	454.719	454.259	0.460	4.000	454.639	-2.00	4.147	454.418	-150.00
-4.474	453.559	-150.00	-4.000	454.270	-2.00	253+0.000	454.350	453.814	0.536	4.000	454.270	-2.00	4.146	454.052	-150.00
-4.599	453.108	-150.00	-4.000	454.005	-2.00	254+0.000	454.085	453.365	0.721	4.000	454.005	-2.00	4.268	453.604	-150.00
-4.608	452.828	-150.00	-4.000	453.741	-2.00	255+0.000	453.821	453.125	0.696	4.000	453.741	-2.00	4.229	453.397	-150.00
-4.472	452.837	-150.00	-4.000	453.544	-2.00	256+0.000	453.624	453.116	0.508	4.000	453.544	-2.00	4.114	453.373	-150.00
-4.447	453.068	-150.00	-4.000	453.738	-2.00	257+0.000	453.818	453.338	0.480	4.000	453.738	-2.00	4.101	453.587	-150.00
-4.377	453.776	-150.00	-4.000	454.341	-2.00	258+0.000	454.421	454.017	0.404	4.000	454.341	-2.00	4.067	454.241	-150.00
-4.363	454.499	-150.00	-4.000	455.044	-2.00	259+0.000	455.124	454.733	0.391	4.000	455.044	-2.00	4.058	454.956	-150.00
-4.217	455.421	-150.00	-4.000	455.747	-2.00	260+0.000	455.827	455.603	0.224	4.000	455.747	-2.00	4.046	455.777	66.67
-4.142	456.236	-150.00	-4.000	456.449	-2.00	261+0.000	456.529	456.388	0.141	4.000	456.449	-2.00	4.136	456.540	66.67
-4.234	456.693	-150.00	-4.000	457.045	-2.00	262+0.000	457.125	456.854	0.270	4.000	457.045	-2.00	4.025	457.008	-150.00
-4.282	456.927	-150.00	-4.000	457.350	-2.00	263+0.000	457.430	457.074	0.355	4.000	457.350	-2.00	4.090	457.214	-150.00
-4.343	456.847	-150.00	-4.000	457.361	-2.00	264+0.000	457.441	456.983	0.458	4.000	457.361	-2.00	4.164	457.115	-150.00
-4.323	456.594	-150.00	-4.000	457.079	-2.00	265+0.000	457.159	456.693	0.466	4.000	457.079	-2.00	4.193	456.790	-150.00
-4.314	456.067	-150.00	-4.000	456.538	-2.00	266+0.000	456.618	456.149	0.469	4.000	456.538	-2.00	4.209	456.225	-150.00
-4.306	455.403	-150.00	-4.000	455.862	-2.00	267+0.000	455.942	455.478	0.463	4.000	455.862	-2.00	4.206	455.552	-150.00
-4.212	454.848	-150.00	-4.000	455.165	-2.00	268+0.000	455.245	454.951	0.295	4.000	455.165	-2.00	4.093	455.026	-150.00
-4.169	454.208	-150.00	-4.000	454.462	-2.00	269+0.000	454.542	454.300	0.242	4.000	454.462	-2.00	4.048	454.391	-150.00
-4.198	453.461	-150.00	-4.000	453.759	-2.00	270+0.000	453.839	453.592	0.247	4.000	453.759	-2.00	4.028	453.717	-150.00
-4.335	452.553	-150.00	-4.000	453.055	-2.00	271+0.000	453.135	452.696	0.440	4.000	453.055	-2.00	4.149	452.832	-150.00
-4.402	451.578	-150.00	-4.000	452.182	-2.00	272+0.000	452.262	451.761	0.501	4.000	452.182	-2.00	4.155	451.948	-150.00
-4.354	450.539	-150.00	-4.000	451.070	-2.00	273+0.000	451.150	450.738	0.412	4.000	451.070	-2.00	4.097	450.926	-150.00
-4.319	449.480	-150.00	-4.000	449.959	-2.00	274+0.000	450.039	449.682	0.358	4.000	449.959	-2.00	4.064	449.863	-150.00
-4.418	448.221	-150.00	-4.000	448.848	-2.00	275+0.000	448.928	448.351	0.577	4.000	448.848	-2.00	4.213	448.529	-150.00
-4.457	447.268	-150.00	-4.000	447.953	-2.00	276+0.000	448.033	447.448	0.585	4.000	447.953	-2.00	4.222	447.620	-150.00
-4.442	446.502	-150.00	-4.000	447.165	-2.00	277+0.000	447.245	446.656	0.589	4.000	447.165	-2.00	4.242	446.802	-150.00
-4.328	445.920	-150.00	-4.000	446.412	-2.00	278+0.000	446.492	446.025	0.467	4.000	446.412	-2.00	4.162	446.169	-150.00
-4.287	445.405	-150.00	-4.000	445.835	-2.00	279+0.000	445.915	445.483	0.432	4.000	445.835	-2.00	4.179	445.566	-150.00
-4.240	444.923	-150.00	-4.000	445.284	-2.00	280+0.000	445.364	445.002	0.362	4.000	445.284	-2.00	4.137	445.079	-150.00
-4.124	444.546	-150.00	-4.000	444.732	-2.00	281+0.000	444.812	444.569	0.243	4.000	444.732	-2.00	4.094	444.591	-150.00
-4.297	443.737	-150.00	-4.000	444.183	-2.00	282+0.000	444.263	443.799	0.464	4.000	444.183	-2.00	4.150	443.957	-150.00
-4.296	443.418	-150.00	-4.000	443.862	-2.00	283+0.000	443.942	443.475	0.467	4.000	443.862	-2.00	4.208	443.549	-150.00
-4.331	443.139	-150.00	-4.000	443.635	-2.00	284+0.000	443.715	443.197	0.518	4.000	443.635	-2.00	4.254	443.254	-150.00
-4.369	442.856	-150.00	-4.000	443.409	-2.00	285+0.000	443.489	442.957	0.533	4.000	443.409	-2.00	4.209	443.096	-150.00
-4.332	443.038	-150.00	-4.000	443.537	-2.00	286+0.000	443.617	443.078	0.539	4.000	443.537	-2.00	4.279	443.117	-150.00
-4.260	443.158	-150.00	-4.000	443.548	-2.00	287+0.000	443.628	443.176	0.452	4.000	443.548	-2.00	4.235	443.195	-150.00
-4.246	443.173	-150.00	-4.000	443.542	-2.00	288+0.000	443.622	443.172	0.450	4.000	443.542	-2.00	4.234	443.191	-150.00
-4.285	443.316	-150.00	-4.000	443.743	-2.00	289+0.000	443.823	443.316	0.508	4.000	443.743	-2.00	4.275	443.332	-150.00
-4.287	443.515	-150.00	-4.000	443.945	-2.00	290+0.000	444.025	443.496	0.529	4.000	443.945	-2.00	4.298	443.499	-150.00
-4.267	443.745	-150.00	-4.000	444.146	-2.00	291+0.000	444.226	443.731	0.496	4.000	444.146	-2.00	4.287	443.716	-150.00
-4.346	443.827	-150.00	-4.000	444.346	-2.00	292+0.000	444.426	443.828	0.598	4.000	444.346	-2.00	4.330	443.852	-150.00
-4.214	444.181	-150.00	-4.000	444.503	-2.00	293+0.000	444.583	444.145	0.438	4.000	444.503	-2.00	4.263	444.108	-150.00
-4.225	444.281	-150.00	-4.000	444.619	-2.00	294+0.000	444.699	444.241	0.458	4.000	444.619	-2.00	4.280	444.200	-150.00
-4.202	444.431	-150.00	-4.000	444.734	-2.00	295+0.000	444.814	444.365	0.449	4.000	444.734	-2.00	4.291	444.298	-150.00
-4.176	444.365	-150.00	-4.000	444.629	-2.00	296+0.000	444.709	444.293	0.416	4.000	444.629	-2.00	4.273	444.220	-150.00
-4.157	444.189	-150.00	-4.000	444.424	-2.00	297+0.000	444.504	444.108	0.397	4.000	444.424	-2.00	4.258	444.037	-150.00
-4.157	443.985	-150.00	-4.000	444.220	-2.00	298+0.000	444.300	443.899	0.401	4.000	444.220	-2.00	4.282	443.797	-150.00
-4.174	443.754	-150.00	-4.000	444.015	-2.00	299+0.000	444.095	443.662	0.433	4.000	444.015	-2.00	4.308	443.553	-150.00
-4.163	443.601	-150.00	-4.000	443.845	-2.00	300+0.000	443.925	443.478	0.447	4.000	443.845	-2.00	4.332	443.347	-150.00
-4.168	443.487	-150.00	-4.000	443.739	-2.00	301+0.000	443.819	443.361	0.459	4.000	443.739	-2.00	4.340	443.230	-150.00
-4.175	443.422	-150.00	-4.000	443.683	-2.00	302+0.000	443.763	443.315	0.448	4.000	443.683	-2.00	4.324	443.197	-150.00
-4.191	443.305	-150.00	-4.000	443.592	-2.00	303+0.000	443.672	443.208	0.464	4.000	443.592	-2.00	4.322	443.109	-150.00
-4.163	442.956	-150.00	-4.000	443.201	-2.00	304+0.000	443.281	442.858	0.422	4.000	443.201	-2.00	4.296	442.757	-150.00
-4.177	442.515	-150.00	-4.000	442.781	-2.00	305+0.000	442.861	442.397	0.464	4.000	442.781	-2.00	4.338	442.273	-150.00
-4.243	441.937	-150.00	-4.000	442.301	-2.00	306+0.000	442.381	441.810	0.571	4.000	442.301	-2.00	4.407	441.690	-150.00
-4.327	441.331	-150.00	-4.000	441.821	-2.00	307+0.000	441.901	441.217	0.685	4.000	441.821	-2.00	4.467	441.120	-150.00
-4.452	440.663	-150.00	-4.000	441.341	-2.00	308+0.000	441.421	440.554	0.868	4.000	441.341	-2.00	4.601	440.441	-150.00

Gérald Lehoux
Directeur
Services techniques
Service des travaux publics

-4.528	440.069	-150.00	-4.000	440.862	-2.00	309+0.000	440.942	439.956	0.986	4.000	440.862	-2.00	4.662	439.869	-150.00
-4.465	439.685	-150.00	-4.000	440.382	-2.00	310+0.000	440.462	439.588	0.874	4.000	440.382	-2.00	4.596	439.488	-150.00
-4.363	439.357	-150.00	-4.000	439.902	-2.00	311+0.000	439.982	439.262	0.720	4.000	439.902	-2.00	4.492	439.165	-150.00
-4.268	439.019	-150.00	-4.000	439.422	-2.00	312+0.000	439.502	438.933	0.569	4.000	439.422	-2.00	4.390	438.838	-150.00
-4.181	438.669	-150.00	-4.000	438.940	-2.00	313+0.000	439.020	438.555	0.465	4.000	438.940	-2.00	4.349	438.416	-150.00
-4.175	438.048	-150.00	-4.000	438.311	-2.00	314+0.000	438.391	437.914	0.477	4.000	438.311	-2.00	4.357	437.775	-150.00
-4.220	437.247	-150.00	-4.000	437.576	-2.00	315+0.000	437.656	437.127	0.529	4.000	437.576	-2.00	4.386	436.998	-150.00
-4.312	436.239	-150.00	-4.000	436.706	-2.00	316+0.000	436.786	436.096	0.691	4.000	436.706	-2.00	4.507	435.946	-150.00
-4.152	435.773	-150.00	-4.000	436.000	-2.00	317+0.000	436.080	435.631	0.449	4.000	436.000	-2.00	4.364	435.455	-150.00
-4.127	435.663	-150.00	-4.000	435.853	-2.00	318+0.000	435.933	435.492	0.441	4.000	435.853	-2.00	4.361	435.312	-150.00
-4.139	435.575	-150.00	-4.000	435.784	-2.00	319+0.000	435.864	435.500	0.364	4.000	435.784	-2.00	4.240	435.423	-150.00
-4.079	435.732	-150.00	-4.000	435.851	-2.00	320+0.000	435.931	435.631	0.300	4.000	435.851	-2.00	4.216	435.527	-150.00
-4.156	435.684	-150.00	-4.000	435.918	-2.00	321+0.000	435.998	435.639	0.359	4.000	435.918	-2.00	4.216	435.594	-150.00
-4.189	435.701	-150.00	-4.000	435.985	-2.00	322+0.000	436.065	435.605	0.461	4.000	435.985	-2.00	4.280	435.566	-150.00
-4.101	435.477	-150.00	-4.000	435.629	-2.00	323+0.000	435.709	435.449	0.260	4.000	435.629	-2.00	4.139	435.421	-150.00
-4.122	434.819	-150.00	-4.000	435.002	-2.00	324+0.000	435.082	434.814	0.268	4.000	435.002	-2.00	4.129	434.809	-150.00
-4.208	434.071	-150.00	-4.000	434.384	-2.00	325+0.000	434.464	434.017	0.447	4.000	434.384	-2.00	4.281	433.962	-150.00
-4.212	433.493	-150.00	-4.000	433.812	-2.00	326+0.000	433.892	433.442	0.449	4.000	433.812	-2.00	4.281	433.391	-150.00
-4.228	433.029	-150.00	-4.000	433.370	-2.00	327+0.000	433.450	433.001	0.449	4.000	433.370	-2.00	4.236	433.016	-150.00
-4.263	432.886	-150.00	-4.000	433.281	-2.00	328+0.000	433.361	432.831	0.531	4.000	433.281	-2.00	4.338	432.774	-150.00
-4.336	432.724	-150.00	-4.000	433.227	-2.00	329+0.000	433.307	432.758	0.549	4.000	433.227	-2.00	4.290	432.793	-150.00
-4.240	432.843	-150.00	-4.000	433.203	-2.00	330+0.000	433.283	432.810	0.473	4.000	433.203	-2.00	4.291	432.767	-150.00
-4.380	432.837	-150.00	-4.000	433.406	-2.00	331+0.000	433.486	432.935	0.551	4.000	433.406	-2.00	4.250	433.031	-150.00
-4.279	433.211	-150.00	-4.000	433.630	-2.00	332+0.000	433.710	433.294	0.416	4.000	433.630	-2.00	4.148	433.408	-150.00
-4.321	433.811	-150.00	-4.000	434.291	-2.00	333+0.000	434.371	433.947	0.424	4.000	434.291	-2.00	4.102	434.138	-150.00
-4.353	434.513	-150.00	-4.000	435.043	-2.00	334+0.000	435.123	434.704	0.419	4.000	435.043	-2.00	4.090	434.909	-150.00
-4.381	435.119	-150.00	-4.000	435.691	-2.00	335+0.000	435.771	435.348	0.422	4.000	435.691	-2.00	4.085	435.563	-150.00
-4.372	435.568	-150.00	-4.000	436.125	-2.00	336+0.000	436.205	435.798	0.407	4.000	436.125	-2.00	4.075	436.013	-150.00
-4.329	435.754	-150.00	-4.000	436.248	-2.00	337+0.000	436.328	435.961	0.367	4.000	436.248	-2.00	4.062	436.155	-150.00
-4.265	435.666	-150.00	-4.000	436.063	-2.00	338+0.000	436.143	435.873	0.270	4.000	436.063	-2.00	4.007	436.068	66.67
-4.282	435.345	-150.00	-4.000	435.767	-2.00	339+0.000	435.847	435.532	0.315	4.000	435.767	-2.00	4.034	435.715	-150.00
-4.313	435.002	-150.00	-4.000	435.471	-2.00	340+0.000	435.551	435.190	0.361	4.000	435.471	-2.00	4.068	435.368	-150.00
-4.355	434.643	-150.00	-4.000	435.175	-2.00	341+0.000	435.255	434.836	0.419	4.000	435.175	-2.00	4.104	435.018	-150.00
-4.398	434.282	-150.00	-4.000	434.879	-2.00	342+0.000	434.959	434.482	0.477	4.000	434.879	-2.00	4.139	434.670	-150.00
-4.472	434.117	-150.00	-4.000	434.825	-2.00	343+0.000	434.905	434.356	0.549	4.000	434.825	-2.00	4.164	434.579	-150.00
-4.432	434.222	-150.00	-4.000	434.870	-2.00	344+0.000	434.950	434.410	0.540	4.000	434.870	-2.00	4.189	434.587	-150.00
-4.358	434.378	-150.00	-4.000	434.915	-2.00	345+0.000	434.995	434.549	0.447	4.000	434.915	-2.00	4.136	434.711	-150.00
-4.338	434.466	-150.00	-4.000	434.972	-2.00	346+0.000	435.052	434.659	0.393	4.000	434.972	-2.00	4.091	434.836	-150.00
-4.362	434.656	-150.00	-4.000	435.200	-2.00	347+0.000	435.280	434.848	0.432	4.000	435.200	-2.00	4.114	435.028	-150.00
-4.360	434.926	-150.00	-4.000	435.466	-2.00	348+0.000	435.546	435.116	0.430	4.000	435.466	-2.00	4.113	435.296	-150.00
-4.362	435.242	-150.00	-4.000	435.785	-2.00	349+0.000	435.865	435.445	0.420	4.000	435.785	-2.00	4.100	435.635	-150.00
-4.360	435.617	-150.00	-4.000	436.156	-2.00	350+0.000	436.236	435.821	0.415	4.000	436.156	-2.00	4.096	436.012	-150.00
-4.336	436.057	-150.00	-4.000	436.561	-2.00	351+0.000	436.641	436.250	0.391	4.000	436.561	-2.00	4.086	436.432	-150.00
-4.284	436.595	-150.00	-4.000	437.021	-2.00	352+0.000	437.101	436.791	0.310	4.000	437.021	-2.00	4.031	436.975	-150.00
-4.297	437.036	-150.00	-4.000	437.482	-2.00	353+0.000	437.562	437.231	0.330	4.000	437.482	-2.00	4.043	437.417	-150.00
-4.295	437.500	-150.00	-4.000	437.943	-2.00	354+0.000	438.023	437.692	0.331	4.000	437.943	-2.00	4.047	437.872	-150.00
-4.351	437.876	-150.00	-4.000	438.403	-2.00	355+0.000	438.483	438.053	0.430	4.000	438.403	-2.00	4.119	438.224	-150.00
-4.355	438.353	-150.00	-4.000	438.886	-2.00	356+0.000	438.966	438.542	0.424	4.000	438.886	-2.00	4.112	438.718	-150.00
-4.369	438.896	-150.00	-4.000	439.450	-2.00	357+0.000	439.530	439.074	0.456	4.000	439.450	-2.00	4.138	439.243	-150.00
-4.364	439.490	-150.00	-4.000	440.036	-2.00	358+0.000	440.116	439.666	0.450	4.000	440.036	-2.00	4.136	439.832	-150.00
-4.351	440.095	-150.00	-4.000	440.621	-2.00	359+0.000	440.701	440.260	0.441	4.000	440.621	-2.00	4.147	440.401	-150.00
-4.331	440.711	-150.00	-4.000	441.207	-2.00	360+0.000	441.287	440.858	0.429	4.000	441.207	-2.00	4.139	440.998	-150.00
-4.355	441.192	-150.00	-4.000	441.724	-2.00	361+0.000	441.804	441.365	0.439	4.000	441.724	-2.00	4.139	441.515	-150.00
-4.337	441.684	-150.00	-4.000	442.189	-2.00	362+0.000	442.269	441.849	0.420	4.000	442.189	-2.00	4.135	441.987	-150.00
-4.318	442.173	-150.00	-4.000	442.650	-2.00	363+0.000	442.730	442.302	0.428	4.000	442.650	-2.00	4.149	442.427	-150.00
-4.339	442.549	-150.00	-4.000	443.058	-2.00	364+0.000	443.138	442.703	0.435	4.000	443.058	-2.00	4.139	442.850	-150.00
-4.283	442.838	-150.00	-4.000	443.263	-2.00	365+0.000	443.343	442.995	0.348	4.000	443.263	-2.00	4.079	443.144	-150.00
-4.298	442.997	-150.00	-4.000	443.445	-2.00	366+0.000	443.525	443.200	0.324	4.000	443.445	-2.00	4.049	443.372	-150.00
-4.349	443.102	-150.00	-4.000	443.626	-2.00	367+0.000	443.706	443.341	0.365	4.000	443.626	-2.00	4.042	443.563	-150.00
-4.397	443.213	-150.00	-4.000	443.808	-2.00	368+0.000	443.888	443.456	0.432	4.000	443.808	-2.00	4.084	443.682	-150.00
-4.450	443.245	-150.00	-4.000	443.919	-2.00	369+0.000	443.999	443.535	0.465	4.000	443.919	-2.00	4.079	443.801	-150.00
-4.424	442.955	-150.00	-4.000	443.591	-2.00	370+0.000	443.671	443.239	0.432	4.000	443.591	-2.00	4.061	443.500	-150.00
-4.470	442.065	-150.00	-4.000	442.771	-2.00	371+0.000	442.851	442.285	0.566	4.000	442.771	-2.00	4.187	442.490	-150.00
-4.474	440.993	-150.00	-4.000	441.705	-2.00	372+0.000	441.785	441.217	0.567	4.000	441.705	-2.00	4.185	441.427	-150.00
-4.478	439.922	-150.00	-4.000	440.639	-2.00	373+0.000	440.719	440.146	0.573	4.000	440.639	-2.00	4.189	440.355	-150.00
-4.461	438.881	-150.00	-4.000	439.573	-2.00	374+0.000	439.653	439.098	0.555	4.000	439.573	-2.00	4.181	439.301	-150.00
-4.407	437.896	-150.00	-4.000	438.507	-2.00	375+0.000	438.587	438.105	0.482	4.000	438.507	-2.00	4.115	438.335	-150.00
-4.424	437.018	-150.00	-4.000	437.653	-2.00	376+0.000	437.733	437.263	0.470	4.000	437.653	-2.00	4.108	437.491	-150.00
-4.418	436.306	-150.00	-4.000	436.933	-2.00	377+0.000	437.013	436.554	0.459	4.000	436.933	-2.00	4.093	436.794	-150.00
-4.381	436.069	-150.00	-4.000	436.640	-2.00	378+0.000	436.720	436.297	0.423	4.000	436.640	-2.00	4.087	436.510	-150.00
-4.350	435.957	-150.00	-4.000	436.483	-2.00	379+0.000	436.563	436.157	0.406	4.000	436.483	-2.00	4.092	436.345	-150.00
-4.374	436.127	-150.00	-4.000	436.688	-2.00	380+0.000	436.768	436.336	0.432	4.000	436.688	-2.00	4.103	436.533	-150.00
-4.350	436.511	-150.00	-4.000	437.035	-2.00	381+0.000	437.115	436.729	0.386	4.000	437.035	-2.00	4.051	436.959	-150.00
-4.305	436.994	-150.00	-4.000	437.452	-2.00	382+0.000	437.532	437.215	0.317	4.000	437.452	-2.00	4.020	437.421	-150.00
-4.202	437.565	-150.00	-4.000	437.868	-2.00	383+0.000	437.948	437.753	0.195	4.000	437.868	-2.00	4.103	437.937	66.67
-4.224	437.948	-150.00	-4.000	438.285	-2.00	384+0.000	438.365	438.133	0.232	4.000	438.285	-2.00			
-4.349	438.146	-150.00	-4.000	438.670	-2.00	385+0.000	438.750	438.308	0.442	4.000	438.670	-2.00	4.138	438.462	-150.00
-4.333	438.243	-150.00	-4.000	438.742	-2.00	386+0.000	438.822	438.374	0.448	4.000	438.742	-2.00	4.161	438.501	-150.00
-4.339	438.202	-150.00	-4.000	438.711	-2.00	387+0.000	438.791	438.342	0.448	4.000	438.711	-2.00	4.156	438.477	-150.00

-4.210	438.003	-150.00	-4.000	438.317	-2.00	388+0.000	438.397	438.086	0.311	4.000	438.317	-2.00	4.100	438.168	-150.00
-4.165	437.618	-150.00	-4.000	437.865	-2.00	389+0.000	437.945	437.682	0.263	4.000	437.865	-2.00	4.089	437.731	-150.00
-4.192	437.124	-150.00	-4.000	437.413	-2.00	390+0.000	437.493	437.178	0.315	4.000	437.413	-2.00	4.121	437.231	-150.00
-4.260	436.570	-150.00	-4.000	436.960	-2.00	391+0.000	437.040	436.625	0.415	4.000	436.960	-2.00	4.182	436.688	-150.00
-4.244	436.150	-150.00	-4.000	436.516	-2.00	392+0.000	436.596	436.172	0.424	4.000	436.516	-2.00	4.213	436.197	-150.00
-4.220	435.750	-150.00	-4.000	436.081	-2.00	393+0.000	436.161	435.756	0.405	4.000	436.081	-2.00	4.213	435.762	-150.00
-4.174	435.384	-150.00	-4.000	435.645	-2.00	394+0.000	435.725	435.376	0.349	4.000	435.645	-2.00	4.188	435.364	-150.00
-4.177	434.944	-150.00	-4.000	435.210	-2.00	395+0.000	435.290	434.932	0.358	4.000	435.210	-2.00	4.193	434.920	-150.00
-4.181	434.503	-150.00	-4.000	434.774	-2.00	396+0.000	434.854	434.492	0.362	4.000	434.774	-2.00	4.195	434.481	-150.00
-4.226	433.999	-150.00	-4.000	434.339	-2.00	397+0.000	434.419	433.996	0.423	4.000	434.339	-2.00	4.252	433.960	-150.00
-4.192	433.640	-150.00	-4.000	433.927	-2.00	398+0.000	434.007	433.527	0.481	4.000	433.927	-2.00	4.325	433.441	-150.00
-4.308	432.744	-150.00	-4.000	433.207	-2.00	399+0.000	433.287	432.709	0.578	4.000	433.207	-2.00	4.356	432.673	-150.00
-4.374	431.926	-150.00	-4.000	432.486	-2.00	400+0.000	432.566	431.885	0.681	4.000	432.486	-2.00	4.428	431.844	-150.00
-4.449	431.092	-150.00	-4.000	431.766	-2.00	401+0.000	431.846	431.114	0.732	4.000	431.766	-2.00	4.418	431.139	-150.00
-4.324	430.559	-150.00	-4.000	431.045	-2.00	402+0.000	431.125	430.622	0.503	4.000	431.045	-2.00	4.235	430.693	-150.00
-4.291	430.187	-150.00	-4.000	430.624	-2.00	403+0.000	430.704	430.284	0.420	4.000	430.624	-2.00	4.164	430.378	-150.00
-4.378	430.294	-150.00	-4.000	430.862	-2.00	404+0.000	430.942	430.404	0.537	4.000	430.862	-2.00	4.234	430.511	-150.00
-4.424	430.493	-150.00	-4.000	431.128	-2.00	405+0.000	431.208	430.626	0.582	4.000	431.128	-2.00	4.246	430.760	-150.00
-4.380	430.825	-150.00	-4.000	431.395	-2.00	406+0.000	431.475	430.973	0.501	4.000	431.395	-2.00	4.186	431.115	-150.00
-4.317	431.186	-150.00	-4.000	431.661	-2.00	407+0.000	431.741	431.322	0.419	4.000	431.661	-2.00	4.133	431.462	-150.00
-4.257	431.543	-150.00	-4.000	431.928	-2.00	408+0.000	432.008	431.667	0.341	4.000	431.928	-2.00	4.095	431.785	-150.00
-4.221	431.863	-150.00	-4.000	432.194	-2.00	409+0.000	432.274	431.985	0.289	4.000	432.194	-2.00	4.061	432.103	-150.00
-4.213	432.141	-150.00	-4.000	432.461	-2.00	410+0.000	432.541	432.258	0.282	4.000	432.461	-2.00	4.062	432.368	-150.00
-4.228	432.385	-150.00	-4.000	432.727	-2.00	411+0.000	432.807	432.487	0.320	4.000	432.727	-2.00	4.093	432.587	-150.00
-4.334	432.477	-150.00	-4.000	432.977	-2.00	412+0.000	433.057	432.615	0.442	4.000	432.977	-2.00	4.174	432.717	-150.00
-4.335	432.475	-150.00	-4.000	432.978	-2.00	413+0.000	433.058	432.611	0.447	4.000	432.978	-2.00	4.158	432.741	-150.00
-4.305	432.499	-150.00	-4.000	432.957	-2.00	414+0.000	433.037	432.614	0.422	4.000	432.957	-2.00	4.154	432.726	-150.00
-4.281	432.612	-150.00	-4.000	433.033	-2.00	415+0.000	433.113	432.725	0.388	4.000	433.033	-2.00	4.153	432.805	-150.00
-4.273	432.700	-150.00	-4.000	433.110	-2.00	416+0.000	433.190	432.788	0.402	4.000	433.110	-2.00	4.158	432.873	-150.00
-4.268	432.784	-150.00	-4.000	433.187	-2.00	417+0.000	433.267	432.891	0.375	4.000	433.187	-2.00	4.140	432.977	-150.00
-4.266	432.865	-150.00	-4.000	433.264	-2.00	418+0.000	433.344	432.961	0.382	4.000	433.264	-2.00	4.139	433.055	-150.00
-4.275	432.928	-150.00	-4.000	433.340	-2.00	419+0.000	433.420	433.025	0.395	4.000	433.340	-2.00	4.147	433.119	-150.00
-4.269	433.014	-150.00	-4.000	433.417	-2.00	420+0.000	433.497	433.112	0.385	4.000	433.417	-2.00	4.128	433.225	-150.00
-4.251	433.118	-150.00	-4.000	433.494	-2.00	421+0.000	433.574	433.230	0.343	4.000	433.494	-2.00	4.103	433.339	-150.00
-4.219	433.241	-150.00	-4.000	433.570	-2.00	422+0.000	433.650	433.357	0.294	4.000	433.570	-2.00	4.071	433.464	-150.00
-4.187	433.367	-150.00	-4.000	433.647	-2.00	423+0.000	433.727	433.481	0.246	4.000	433.647	-2.00	4.037	433.592	-150.00
-4.161	433.483	-150.00	-4.000	433.724	-2.00	424+0.000	433.804	433.588	0.216	4.000	433.724	-2.00	4.022	433.691	-150.00
-4.173	433.540	-150.00	-4.000	433.801	-2.00	425+0.000	433.881	433.646	0.235	4.000	433.801	-2.00	4.035	433.748	-150.00
-4.270	433.473	-150.00	-4.000	433.877	-2.00	426+0.000	433.957	433.575	0.382	4.000	433.877	-2.00	4.135	433.674	-150.00
-4.323	433.384	-150.00	-4.000	433.868	-2.00	427+0.000	433.948	433.488	0.460	4.000	433.868	-2.00	4.186	433.589	-150.00
-4.340	433.119	-150.00	-4.000	433.629	-2.00	428+0.000	433.709	433.225	0.483	4.000	433.629	-2.00	4.199	433.331	-150.00
-4.341	432.875	-150.00	-4.000	433.386	-2.00	429+0.000	433.466	432.986	0.481	4.000	433.386	-2.00	4.196	433.092	-150.00
-4.330	432.669	-150.00	-4.000	433.164	-2.00	430+0.000	433.244	432.776	0.468	4.000	433.164	-2.00	4.189	432.880	-150.00
-4.289	432.674	-150.00	-4.000	433.108	-2.00	431+0.000	433.188	432.773	0.416	4.000	433.108	-2.00	4.161	432.867	-150.00
-4.274	432.836	-150.00	-4.000	433.247	-2.00	432+0.000	433.327	432.912	0.415	4.000	433.247	-2.00	4.173	432.987	-150.00
-4.338	432.978	-150.00	-4.000	433.486	-2.00	433+0.000	433.566	433.042	0.524	4.000	433.486	-2.00	4.254	433.105	-150.00
-4.367	433.177	-150.00	-4.000	433.728	-2.00	434+0.000	433.808	433.219	0.589	4.000	433.728	-2.00	4.302	433.275	-150.00
-4.411	433.353	-150.00	-4.000	433.969	-2.00	435+0.000	434.049	433.415	0.634	4.000	433.969	-2.00	4.329	433.476	-150.00
-4.426	433.573	-150.00	-4.000	434.211	-2.00	436+0.000	434.291	433.639	0.652	4.000	434.211	-2.00	4.338	433.703	-150.00
-4.424	433.817	-150.00	-4.000	434.453	-2.00	437+0.000	434.533	433.884	0.649	4.000	434.453	-2.00	4.334	433.951	-150.00
-4.400	434.094	-150.00	-4.000	434.695	-2.00	438+0.000	434.775	434.164	0.610	4.000	434.695	-2.00	4.304	434.239	-150.00
-4.404	434.331	-150.00	-4.000	434.936	-2.00	439+0.000	435.016	434.453	0.563	4.000	434.936	-2.00	4.243	434.572	-150.00
-4.350	434.653	-150.00	-4.000	435.178	-2.00	440+0.000	435.258	434.792	0.466	4.000	435.178	-2.00	4.168	434.926	-150.00
-4.274	435.009	-150.00	-4.000	435.420	-2.00	441+0.000	435.500	435.145	0.354	4.000	435.420	-2.00	4.095	435.277	-150.00
-4.308	435.199	-150.00	-4.000	435.661	-2.00	442+0.000	435.741	435.350	0.392	4.000	435.661	-2.00	4.112	435.493	-150.00
-4.319	435.420	-150.00	-4.000	435.898	-2.00	443+0.000	435.978	435.523	0.455	4.000	435.898	-2.00	4.193	435.608	-150.00
-4.280	435.350	-150.00	-4.000	435.769	-2.00	444+0.000	435.849	435.399	0.451	4.000	435.769	-2.00	4.199	435.472	-150.00
-4.248	435.271	-150.00	-4.000	435.642	-2.00	445+0.000	435.722	435.343	0.379	4.000	435.642	-2.00	4.131	435.446	-150.00
-4.211	435.217	-150.00	-4.000	435.534	-2.00	446+0.000	435.614	435.274	0.340	4.000	435.534	-2.00	4.132	435.336	-150.00
-4.234	434.996	-150.00	-4.000	435.347	-2.00	447+0.000	435.427	435.032	0.396	4.000	435.347	-2.00	4.189	435.064	-150.00
-4.294	434.482	-150.00	-4.000	434.922	-2.00	448+0.000	435.002	434.536	0.467	4.000	434.922	-2.00	4.222	434.589	-150.00
-4.298	433.925	-150.00	-4.000	434.372	-2.00	449+0.000	434.452	434.012	0.440	4.000	434.372	-2.00	4.177	434.107	-150.00
-4.311	433.324	-150.00	-4.000	433.791	-2.00	450+0.000	433.871	433.410	0.461	4.000	433.791	-2.00	4.199	433.493	-150.00
-4.296	432.886	-150.00	-4.000	433.330	-2.00	451+0.000	433.410	432.990	0.420	4.000	433.330	-2.00	4.154	433.098	-150.00
-4.310	432.457	-150.00	-4.000	432.921	-2.00	452+0.000	433.001	432.594	0.407	4.000	432.921	-2.00	4.129	432.728	-150.00
-4.336	432.147	-150.00	-4.000	432.651	-2.00	453+0.000	432.731	432.288	0.443	4.000	432.651	-2.00	4.135	432.449	-150.00
-4.370	432.132	-150.00	-4.000	432.686	-2.00	454+0.000	432.766	432.302	0.465	4.000	432.686	-2.00	4.149	432.463	-150.00
-4.366	432.173	-150.00	-4.000	432.721	-2.00	455+0.000	432.801	432.347	0.454	4.000	432.721	-2.00	4.139	432.512	-150.00
-4.350	432.247	-150.00	-4.000	432.772	-2.00	456+0.000	432.852	432.414	0.439	4.000	432.772	-2.00	4.101	432.620	-150.00
-4.339	432.495	-150.00	-4.000	433.004	-2.00	457+0.000	433.084	432.667	0.417	4.000	433.004	-2.00	4.116	432.831	-150.00
-4.455	432.564	-150.00	-4.000	433.246	-2.00	458+0.000	433.326	432.805	0.521	4.000	433.246	-2.00	4.144	433.030	-150.00
-4.392	432.906	-150.00	-4.000	433.494	-2.00	459+0.000	433.574	433.143	0.431	4.000	433.494	-2.00	4.094	433.352	-150.00
-4.387	433.289	-150.00	-4.000	433.870	-2.00	460+0.000	433.950	433.516	0.434	4.000	433.870	-2.00	4.094	433.729	-150.00
-4.433	433.714	-150.00	-4.000	434.364	-2.00	461+0.000	434.444	433.941	0.503	4.000	434.364	-2.00	4.135	434.161	-150.00
-4.412	434.242	-150.00	-4.000	434.860	-2.00	462+0.000	434.940	434.479	0.461	4.000	434.860	-2.00	4.104	434.704	-150.00
-4.394	434.749	-150.00	-4.000	435.340	-2.00	463+0.000	435.420	434.989	0.431	4.000	435.340	-2.00	4.089	435.206	-150.00
-4.413	435.060	-150.00	-4.000	435.679	-2.00	464+0.000	435.759	435.318	0.441	4.000	435.679	-2.00	4.088	435.548	-150.00
-4.413	435.267	-150.00	-4.000	435.887	-2.00	465+0.000	435.967	435.534	0.433	4.000	435.887	-2.00	4.071	435.780	-150.00
-4.399	435.465	-150.00	-4.000	436.064	-2.00	466+0.000	436.144	435.728	0.416	4.000	436.064	-2.00	4.062	435.971	-150.00

Chefe da Fiscalização da Sabesp
Diretor de Obras e Projetos
Diretor de Obras e Projetos
Secretaria das Cidades (Prefeitura)

-4.418	435.614	-150.00	-4.000	436.242	-2.00	467+0.000	436.322	435.879	0.443	4.000	436.242	-2.00	4.079	436.123	-150.00
-4.431	435.773	-150.00	-4.000	436.419	-2.00	468+0.000	436.499	436.023	0.476	4.000	436.419	-2.00	4.102	436.267	-150.00
-4.415	435.975	-150.00	-4.000	436.597	-2.00	469+0.000	436.677	436.213	0.464	4.000	436.597	-2.00	4.108	436.434	-150.00
-4.537	436.188	-150.00	-4.000	436.993	-2.00	470+0.000	437.073	436.412	0.661	4.000	436.993	-2.00	4.242	436.630	-150.00
-4.615	436.487	-150.00	-4.000	437.409	-2.00	471+0.000	437.489	436.729	0.761	4.000	437.409	-2.00	4.298	436.962	-150.00
-4.455	437.142	-150.00	-4.000	437.825	-2.00	472+0.000	437.905	437.312	0.593	4.000	437.825	-2.00	4.226	437.487	-150.00
-4.323	437.753	-150.00	-4.000	438.236	-2.00	473+0.000	438.316	437.887	0.430	4.000	438.236	-2.00	4.147	438.016	-150.00
-4.305	438.186	-150.00	-4.000	438.643	-2.00	474+0.000	438.723	438.315	0.408	4.000	438.643	-2.00	4.136	438.440	-150.00
-4.274	438.661	-150.00	-4.000	439.072	-2.00	475+0.000	439.152	438.719	0.433	4.000	439.072	-2.00	4.197	438.777	-150.00
-4.338	438.975	-150.00	-4.000	439.482	-2.00	476+0.000	439.562	439.094	0.468	4.000	439.482	-2.00	4.182	439.209	-150.00
-4.363	438.700	-150.00	-4.000	439.244	-2.00	477+0.000	439.324	438.823	0.501	4.000	439.244	-2.00	4.201	438.942	-150.00
-4.368	438.357	-150.00	-4.000	438.909	-2.00	478+0.000	438.989	438.495	0.494	4.000	438.909	-2.00	4.155	438.676	-150.00
-4.389	437.990	-150.00	-4.000	438.574	-2.00	479+0.000	438.654	438.181	0.473	4.000	438.574	-2.00	4.142	438.361	-150.00
-4.363	437.697	-150.00	-4.000	438.241	-2.00	480+0.000	438.321	437.864	0.457	4.000	438.241	-2.00	4.128	438.049	-150.00
-4.331	437.574	-150.00	-4.000	438.071	-2.00	481+0.000	438.151	437.688	0.462	4.000	438.071	-2.00	4.181	437.799	-150.00
-4.399	437.471	-150.00	-4.000	438.069	-2.00	482+0.000	438.149	437.572	0.577	4.000	438.069	-2.00	4.259	437.681	-150.00
-4.362	437.531	-150.00	-4.000	438.075	-2.00	483+0.000	438.155	437.602	0.553	4.000	438.075	-2.00	4.269	437.671	-150.00
-4.289	437.678	-150.00	-4.000	438.112	-2.00	484+0.000	438.192	437.733	0.460	4.000	438.112	-2.00	4.217	437.786	-150.00
-4.247	437.797	-150.00	-4.000	438.167	-2.00	485+0.000	438.247	437.794	0.453	4.000	438.167	-2.00	4.270	437.761	-150.00
-4.230	437.718	-150.00	-4.000	438.064	-2.00	486+0.000	438.144	437.688	0.456	4.000	438.064	-2.00	4.271	437.658	-150.00
-4.299	437.325	-150.00	-4.000	437.774	-2.00	487+0.000	437.854	437.352	0.502	4.000	437.774	-2.00	4.262	437.380	-150.00
-4.316	436.974	-150.00	-4.000	437.448	-2.00	488+0.000	437.528	437.038	0.490	4.000	437.448	-2.00	4.231	437.100	-150.00
-4.340	436.702	-150.00	-4.000	437.212	-2.00	489+0.000	437.292	436.753	0.539	4.000	437.212	-2.00	4.273	436.802	-150.00
-4.324	436.491	-150.00	-4.000	436.976	-2.00	490+0.000	437.056	436.555	0.502	4.000	436.976	-2.00	4.239	436.617	-150.00
-4.294	436.299	-150.00	-4.000	436.741	-2.00	491+0.000	436.821	436.343	0.477	4.000	436.741	-2.00	4.223	436.406	-150.00
-4.277	436.086	-150.00	-4.000	436.501	-2.00	492+0.000	436.581	436.127	0.455	4.000	436.501	-2.00	4.223	436.167	-150.00
-4.270	435.779	-150.00	-4.000	436.184	-2.00	493+0.000	436.264	435.806	0.459	4.000	436.184	-2.00	4.235	435.832	-150.00
-4.274	435.392	-150.00	-4.000	435.804	-2.00	494+0.000	435.884	435.417	0.467	4.000	435.804	-2.00	4.244	435.438	-150.00
-4.278	434.972	-150.00	-4.000	435.389	-2.00	495+0.000	435.469	434.983	0.486	4.000	435.389	-2.00	4.263	434.995	-150.00
-4.304	434.519	-150.00	-4.000	434.974	-2.00	496+0.000	435.054	434.528	0.527	4.000	434.974	-2.00	4.292	434.536	-150.00
-4.298	434.113	-150.00	-4.000	434.560	-2.00	497+0.000	434.640	434.121	0.519	4.000	434.560	-2.00	4.288	434.128	-150.00
-4.253	433.766	-150.00	-4.000	434.145	-2.00	498+0.000	434.225	433.763	0.462	4.000	434.145	-2.00	4.257	433.759	-150.00
-4.264	433.279	-150.00	-4.000	433.675	-2.00	499+0.000	433.755	433.289	0.466	4.000	433.675	-2.00	4.251	433.299	-150.00
-4.250	432.792	-150.00	-4.000	433.167	-2.00	500+0.000	433.247	432.807	0.440	4.000	433.167	-2.00	4.233	432.817	-150.00
-4.216	432.334	-150.00	-4.000	432.658	-2.00	501+0.000	432.738	432.350	0.388	4.000	432.658	-2.00	4.195	432.366	-150.00
-4.257	431.765	-150.00	-4.000	432.150	-2.00	502+0.000	432.230	431.781	0.448	4.000	432.150	-2.00	4.235	431.798	-150.00
-4.262	431.299	-150.00	-4.000	431.693	-2.00	503+0.000	431.773	431.358	0.415	4.000	431.693	-2.00	4.185	431.415	-150.00
-4.218	430.940	-150.00	-4.000	431.267	-2.00	504+0.000	431.347	431.001	0.346	4.000	431.267	-2.00	4.138	431.061	-150.00
-4.196	430.548	-150.00	-4.000	430.842	-2.00	505+0.000	430.922	430.615	0.307	4.000	430.842	-2.00	4.107	430.681	-150.00
-4.209	430.103	-150.00	-4.000	430.416	-2.00	506+0.000	430.496	430.171	0.325	4.000	430.416	-2.00	4.119	430.238	-150.00
-4.362	429.448	-150.00	-4.000	429.991	-2.00	507+0.000	430.071	429.549	0.522	4.000	429.991	-2.00	4.230	429.646	-150.00
-4.527	428.776	-150.00	-4.000	429.566	-2.00	508+0.000	429.646	428.878	0.767	4.000	429.566	-2.00	4.391	428.979	-150.00
-4.675	428.128	-150.00	-4.000	429.140	-2.00	509+0.000	429.220	428.233	0.987	4.000	429.140	-2.00	4.536	428.336	-150.00
-4.799	427.517	-150.00	-4.000	428.715	-2.00	510+0.000	428.795	427.623	1.171	4.000	428.715	-2.00	4.659	427.727	-150.00
-4.810	427.074	-150.00	-4.000	428.289	-2.00	511+0.000	428.369	427.179	1.190	4.000	428.289	-2.00	4.670	427.284	-150.00
-4.742	426.750	-150.00	-4.000	427.864	-2.00	512+0.000	427.944	426.860	1.083	4.000	427.864	-2.00	4.598	426.967	-150.00
-4.628	426.497	-150.00	-4.000	427.438	-2.00	513+0.000	427.518	426.620	0.899	4.000	427.438	-2.00	4.467	426.738	-150.00
-4.511	426.247	-150.00	-4.000	427.013	-2.00	514+0.000	427.093	426.366	0.727	4.000	427.013	-2.00	4.348	426.490	-150.00
-4.372	426.030	-150.00	-4.000	426.588	-2.00	515+0.000	426.668	426.157	0.511	4.000	426.588	-2.00	4.206	426.279	-150.00
-4.349	425.638	-150.00	-4.000	426.162	-2.00	516+0.000	426.242	425.778	0.464	4.000	426.162	-2.00	4.167	425.911	-150.00
-4.358	425.200	-150.00	-4.000	425.737	-2.00	517+0.000	425.817	425.340	0.477	4.000	425.737	-2.00	4.178	425.470	-150.00
-4.380	424.741	-150.00	-4.000	425.311	-2.00	518+0.000	425.391	424.877	0.515	4.000	425.311	-2.00	4.203	425.006	-150.00
-4.330	424.391	-150.00	-4.000	424.886	-2.00	519+0.000	424.966	424.521	0.445	4.000	424.886	-2.00	4.159	424.647	-150.00
-4.344	424.185	-150.00	-4.000	424.700	-2.00	520+0.000	424.780	424.313	0.467	4.000	424.700	-2.00	4.176	424.437	-150.00
-4.563	424.075	-150.00	-4.000	424.919	-2.00	521+0.000	424.999	424.216	0.783	4.000	424.919	-2.00	4.378	424.352	-150.00
-4.585	424.305	-150.00	-4.000	425.183	-2.00	522+0.000	425.263	424.476	0.787	4.000	425.183	-2.00	4.363	424.638	-150.00
-4.464	424.751	-150.00	-4.000	425.447	-2.00	523+0.000	425.527	424.917	0.610	4.000	425.447	-2.00	4.248	425.076	-150.00
-4.453	425.228	-150.00	-4.000	425.907	-2.00	524+0.000	425.987	425.418	0.569	4.000	425.907	-2.00	4.207	425.597	-150.00
-4.417	425.958	-150.00	-4.000	426.584	-2.00	525+0.000	426.664	426.144	0.519	4.000	426.584	-2.00	4.174	426.323	-150.00
-4.376	426.696	-150.00	-4.000	427.260	-2.00	526+0.000	427.340	426.880	0.460	4.000	427.260	-2.00	4.137	427.055	-150.00
-4.350	427.412	-150.00	-4.000	427.937	-2.00	527+0.000	428.017	427.594	0.423	4.000	427.937	-2.00	4.114	427.765	-150.00
-4.245	428.077	-150.00	-4.000	428.444	-2.00	528+0.000	428.524	428.244	0.280	4.000	428.444	-2.00	4.028	428.402	-150.00
-4.074	428.588	-150.00	-4.000	428.699	-2.00	529+0.000	428.779	428.749	0.030	4.000	428.699	-2.00	4.330	428.919	66.67
-4.020	428.924	-150.00	-4.000	428.954	-2.00	530+0.000	429.034	429.083	-0.050	4.000	428.954	-2.00	4.460	429.260	66.67
-4.182	428.936	-150.00	-4.000	429.209	-2.00	531+0.000	429.289	429.080	0.208	4.000	429.209	-2.00	4.049	429.241	66.67
-4.330	428.870	-150.00	-4.000	429.364	-2.00	532+0.000	429.444	429.015	0.429	4.000	429.364	-2.00	4.140	429.154	-150.00
-4.261	428.498	-150.00	-4.000	428.890	-2.00	533+0.000	428.970	428.617	0.353	4.000	428.890	-2.00	4.106	428.731	-150.00
-4.234	427.762	-150.00	-4.000	428.113	-2.00	534+0.000	428.193	427.882	0.311	4.000	428.113	-2.00	4.076	427.999	-150.00
-4.296	426.888	-150.00	-4.000	427.333	-2.00	535+0.000	427.413	427.010	0.402	4.000	427.333	-2.00	4.136	427.128	-150.00
-4.405	425.746	-150.00	-4.000	426.353	-2.00	536+0.000	426.433	425.913	0.519	4.000	426.353	-2.00	4.187	426.073	-150.00
-4.460	424.356	-150.00	-4.000	425.046	-2.00	537+0.000	425.126	424.563	0.562	4.000	425.046	-2.00	4.192	424.758	-150.00
-4.409	422.985	-150.00	-4.000	423.598	-2.00	538+0.000	423.678	423.174	0.504	4.000	423.598	-2.00	4.163	423.354	-150.00
-4.492	421.413	-150.00	-4.000	422.150	-2.00	539+0.000	422.230	421.572	0.658	4.000	422.150	-2.00	4.280	421.730	-150.00
-4.569	419.849	-150.00	-4.000	420.703	-2.00	540+0.000	420.783	420.011	0.772	4.000	420.703	-2.00	4.359	420.165	-150.00
-4.522	418.471	-150.00	-4.000	419.255	-2.00	541+0.000	419.335	418.594	0.741	4.000	419.255	-2.00	4.362	418.712	-150.00
-4.404	417.532	-150.00	-4.000	418.138	-2.00	542+0.000	418.218	417.612	0.606	4.000	418.138	-2.00	4.295	417.695	-150.00
-4.234	417.505	-150.00	-4.000	417.855	-2.00	543+0.000	417.935	417.570	0.365	4.000	417.855	-2.00	4.185	417.578	-150.00
-4.431	417.767	-150.00	-4.000	418.413	-2.00	544+0.000	418.493	417.784	0.709	4.000	418.413	-2.00	4.408	417.801	-150.00
-4.440	419.015	-150.00	-4.000	419.676	-2.00	545+0.000	419.756	418.975	0.781	4.000	419.676	-2.00	4.495	418.933	-150.00

Cesar Augusto Lemos da Silva
Perito Judicial
Especialista em Avaliações

-4.332	420.518	-150.00	-4.000	421.017	-2.00	546+0.000	421.097	420.480	0.617	4.000	421.017	-2.00	4.384	420.441	-150.00
-4.081	422.235	-150.00	-4.000	422.357	-2.00	547+0.000	422.437	422.159	0.279	4.000	422.357	-2.00	4.185	422.080	-150.00
-4.141	423.487	-150.00	-4.000	423.698	-2.00	548+0.000	423.778	423.369	0.409	4.000	423.698	-2.00	4.301	423.247	-150.00
-4.128	424.552	-150.00	-4.000	424.744	-2.00	549+0.000	424.824	424.431	0.393	4.000	424.744	-2.00	4.293	424.304	-150.00
-4.101	425.424	-150.00	-4.000	425.576	-2.00	550+0.000	425.656	425.337	0.319	4.000	425.576	-2.00	4.220	425.245	-150.00
-4.201	426.107	-150.00	-4.000	426.408	-2.00	551+0.000	426.488	426.034	0.454	4.000	426.408	-2.00	4.293	425.969	-150.00
-4.196	426.946	-150.00	-4.000	427.240	-2.00	552+0.000	427.320	426.894	0.426	4.000	427.240	-2.00	4.273	426.830	-150.00
-4.300	427.606	-150.00	-4.000	428.056	-2.00	553+0.000	428.136	427.601	0.535	4.000	428.056	-2.00	4.307	427.596	-150.00
-4.297	428.404	-150.00	-4.000	428.848	-2.00	554+0.000	428.928	428.471	0.458	4.000	428.848	-2.00	4.208	428.537	-150.00
-4.310	429.087	-150.00	-4.000	429.552	-2.00	555+0.000	429.632	429.212	0.421	4.000	429.552	-2.00	4.168	429.301	-150.00
-4.357	429.596	-150.00	-4.000	430.131	-2.00	556+0.000	430.211	429.762	0.450	4.000	430.131	-2.00	4.158	429.894	-150.00
-4.375	429.689	-150.00	-4.000	430.251	-2.00	557+0.000	430.331	429.887	0.444	4.000	430.251	-2.00	4.121	430.069	-150.00
-4.335	429.814	-150.00	-4.000	430.317	-2.00	558+0.000	430.397	429.995	0.402	4.000	430.317	-2.00	4.103	430.163	-150.00
-4.318	429.935	-150.00	-4.000	430.412	-2.00	559+0.000	430.492	430.091	0.401	4.000	430.412	-2.00	4.115	430.240	-150.00
-4.326	430.018	-150.00	-4.000	430.507	-2.00	560+0.000	430.587	430.147	0.440	4.000	430.507	-2.00	4.145	430.289	-150.00
-4.276	430.247	-150.00	-4.000	430.662	-2.00	561+0.000	430.742	430.368	0.374	4.000	430.662	-2.00	4.118	430.485	-150.00
-4.243	430.457	-150.00	-4.000	430.822	-2.00	562+0.000	430.902	430.555	0.347	4.000	430.822	-2.00	4.128	430.630	-150.00
-4.272	430.574	-150.00	-4.000	430.982	-2.00	563+0.000	431.062	430.626	0.436	4.000	430.982	-2.00	4.195	430.690	-150.00
-4.279	430.768	-150.00	-4.000	431.186	-2.00	564+0.000	431.266	430.819	0.447	4.000	431.186	-2.00	4.211	430.870	-150.00
-4.261	431.001	-150.00	-4.000	431.392	-2.00	565+0.000	431.472	431.030	0.442	4.000	431.392	-2.00	4.222	431.058	-150.00
-4.242	431.365	-150.00	-4.000	431.728	-2.00	566+0.000	431.808	431.393	0.415	4.000	431.728	-2.00	4.207	431.418	-150.00
-4.274	431.751	-150.00	-4.000	432.162	-2.00	567+0.000	432.242	431.795	0.447	4.000	432.162	-2.00	4.215	431.839	-150.00
-4.270	432.192	-150.00	-4.000	432.597	-2.00	568+0.000	432.677	432.214	0.463	4.000	432.597	-2.00	4.232	432.249	-150.00
-4.247	432.661	-150.00	-4.000	433.031	-2.00	569+0.000	433.111	432.684	0.428	4.000	433.031	-2.00	4.223	432.697	-150.00
-4.192	433.037	-150.00	-4.000	433.325	-2.00	570+0.000	433.405	433.054	0.351	4.000	433.325	-2.00	4.169	433.071	-150.00
-4.262	432.988	-150.00	-4.000	433.380	-2.00	571+0.000	433.460	432.978	0.482	4.000	433.380	-2.00	4.255	432.997	-150.00
-4.203	433.100	-150.00	-4.000	433.405	-2.00	572+0.000	433.485	433.057	0.428	4.000	433.405	-2.00	4.261	433.013	-150.00
-4.214	433.109	-150.00	-4.000	433.429	-2.00	573+0.000	433.509	433.067	0.442	4.000	433.429	-2.00	4.269	433.026	-150.00
-4.223	433.022	-150.00	-4.000	433.357	-2.00	574+0.000	433.437	432.970	0.467	4.000	433.357	-2.00	4.293	432.917	-150.00
-4.247	432.884	-150.00	-4.000	433.255	-2.00	575+0.000	433.335	432.836	0.499	4.000	433.255	-2.00	4.314	432.784	-150.00
-4.278	432.735	-150.00	-4.000	433.153	-2.00	576+0.000	433.233	432.679	0.554	4.000	433.153	-2.00	4.352	432.625	-150.00
-4.277	432.635	-150.00	-4.000	433.050	-2.00	577+0.000	433.130	432.569	0.561	4.000	433.050	-2.00	4.366	432.502	-150.00
-4.225	432.611	-150.00	-4.000	432.948	-2.00	578+0.000	433.028	432.552	0.476	4.000	432.948	-2.00	4.316	432.474	-150.00
-4.270	432.440	-150.00	-4.000	432.846	-2.00	579+0.000	432.926	432.403	0.523	4.000	432.846	-2.00	4.320	432.366	-150.00
-4.204	432.405	-150.00	-4.000	432.712	-2.00	580+0.000	432.792	432.312	0.479	4.000	432.712	-2.00	4.330	432.217	-150.00
-4.205	432.083	-150.00	-4.000	432.391	-2.00	581+0.000	432.471	431.991	0.480	4.000	432.391	-2.00	4.318	431.913	-150.00
-4.204	431.557	-150.00	-4.000	431.864	-2.00	582+0.000	431.944	431.524	0.420	4.000	431.864	-2.00	4.283	431.439	-150.00
-4.293	430.691	-150.00	-4.000	431.131	-2.00	583+0.000	431.211	430.661	0.550	4.000	431.131	-2.00	4.334	430.630	-150.00
-4.327	429.774	-150.00	-4.000	430.263	-2.00	584+0.000	430.343	429.737	0.606	4.000	430.263	-2.00	4.377	429.698	-150.00
-4.389	428.809	-150.00	-4.000	429.393	-2.00	585+0.000	429.473	428.779	0.693	4.000	429.393	-2.00	4.425	428.755	-150.00
-4.395	427.929	-150.00	-4.000	428.522	-2.00	586+0.000	428.602	427.912	0.690	4.000	428.522	-2.00	4.419	427.894	-150.00
-4.390	427.066	-150.00	-4.000	427.651	-2.00	587+0.000	427.731	427.070	0.662	4.000	427.651	-2.00	4.385	427.073	-150.00
-4.289	426.347	-150.00	-4.000	426.781	-2.00	588+0.000	426.861	426.344	0.517	4.000	426.781	-2.00	4.293	426.342	-150.00
-4.259	425.749	-150.00	-4.000	426.137	-2.00	589+0.000	426.217	425.718	0.499	4.000	426.137	-2.00	4.300	425.687	-150.00
-4.347	425.227	-150.00	-4.000	425.748	-2.00	590+0.000	425.828	425.197	0.631	4.000	425.748	-2.00	4.387	425.167	-150.00
-4.347	424.838	-150.00	-4.000	425.358	-2.00	591+0.000	425.438	424.842	0.597	4.000	425.358	-2.00	4.342	424.845	-150.00
-4.227	424.628	-150.00	-4.000	424.969	-2.00	592+0.000	425.049	424.588	0.461	4.000	424.969	-2.00	4.284	424.543	-150.00
-4.133	424.260	-150.00	-4.000	424.460	-2.00	593+0.000	424.540	424.212	0.327	4.000	424.460	-2.00	4.199	424.162	-150.00
-4.038	423.862	-150.00	-4.000	423.919	-2.00	594+0.000	423.999	423.800	0.199	4.000	423.919	-2.00	4.121	423.738	-150.00
-4.008	423.384	66.67	-4.000	423.379	-2.00	595+0.000	423.459	423.305	0.154	4.000	423.379	-2.00	4.095	423.236	-150.00
-4.016	422.814	-150.00	-4.000	422.838	-2.00	596+0.000	422.918	422.710	0.208	4.000	422.838	-2.00	4.158	422.602	-150.00
-4.071	422.191	-150.00	-4.000	422.297	-2.00	597+0.000	422.377	422.076	0.302	4.000	422.297	-2.00	4.227	421.957	-150.00
-4.126	421.567	-150.00	-4.000	421.757	-2.00	598+0.000	421.837	421.398	0.439	4.000	421.757	-2.00	4.362	421.214	-150.00
-4.115	421.086	-150.00	-4.000	421.259	-2.00	599+0.000	421.339	420.887	0.452	4.000	421.259	-2.00	4.390	420.674	-150.00
-4.157	420.556	-150.00	-4.000	420.791	-2.00	600+0.000	420.871	420.343	0.528	4.000	420.791	-2.00	4.451	420.115	-150.00
-4.123	420.139	-150.00	-4.000	420.324	-2.00	601+0.000	420.404	419.938	0.466	4.000	420.324	-2.00	4.401	419.723	-150.00
-4.156	419.617	-150.00	-4.000	419.852	-2.00	602+0.000	419.932	419.464	0.468	4.000	419.852	-2.00	4.387	419.272	-150.00
-4.138	418.886	-150.00	-4.000	419.092	-2.00	603+0.000	419.172	418.738	0.435	4.000	419.092	-2.00	4.340	418.583	-150.00
-4.179	418.005	-150.00	-4.000	418.274	-2.00	604+0.000	418.354	417.890	0.464	4.000	418.274	-2.00	4.336	417.770	-150.00
-4.224	417.100	-150.00	-4.000	417.435	-2.00	605+0.000	417.515	417.019	0.497	4.000	417.435	-2.00	4.334	416.934	-150.00
-4.311	416.040	-150.00	-4.000	416.507	-2.00	606+0.000	416.587	415.963	0.624	4.000	416.507	-2.00	4.409	415.894	-150.00
-4.367	415.028	-150.00	-4.000	415.579	-2.00	607+0.000	415.659	414.959	0.700	4.000	415.579	-2.00	4.460	414.889	-150.00
-4.399	414.052	-150.00	-4.000	414.650	-2.00	608+0.000	414.730	414.021	0.709	4.000	414.650	-2.00	4.440	413.990	-150.00
-4.299	413.274	-150.00	-4.000	413.722	-2.00	609+0.000	413.802	413.275	0.527	4.000	413.722	-2.00	4.308	413.261	-150.00
-4.352	412.470	-150.00	-4.000	412.997	-2.00	610+0.000	413.077	412.471	0.606	4.000	412.997	-2.00	4.349	412.473	-150.00
-4.269	411.918	-150.00	-4.000	412.321	-2.00	611+0.000	412.401	411.923	0.478	4.000	412.321	-2.00	4.262	411.927	-150.00
-4.262	411.506	-150.00	-4.000	411.898	-2.00	612+0.000	411.978	411.521	0.457	4.000	411.898	-2.00	4.243	411.534	-150.00
-4.418	411.243	-150.00	-4.000	411.869	-2.00	613+0.000	411.949	411.259	0.690	4.000	411.869	-2.00	4.396	411.275	-150.00
-4.432	411.205	-150.00	-4.000	411.853	-2.00	614+0.000	411.933	411.239	0.694	4.000	411.853	-2.00	4.386	411.273	-150.00
-4.369	411.282	-150.00	-4.000	411.836	-2.00	615+0.000	411.916	411.332	0.584	4.000	411.836	-2.00	4.304	411.380	-150.00
-4.265	411.551	-150.00	-4.000	411.949	-2.00	616+0.000	412.029	411.599	0.430	4.000	411.949	-2.00	4.195	411.657	-150.00
-4.227	412.070	-150.00	-4.000	412.411	-2.00	617+0.000	412.491	412.078	0.413	4.000	412.411	-2.00	4.176	412.147	-150.00
-4.238	412.639	-150.00	-4.000	412.997	-2.00	618+0.000	413.077	412.678	0.399	4.000	412.997	-2.00	4.187	412.716	-150.00
-4.266	413.155	-150.00	-4.000	413.553	-2.00	619+0.000	413.633	413.205	0.428	4.000	413.553	-2.00	4.199	413.254	-150.00
-4.265	413.566	-150.00	-4.000	413.964	-2.00	620+0.000	414.044	413.605	0.439	4.000	413.964	-2.00	4.214	413.643	-150.00
-4.233	413.924	-150.00	-4.000	414.273	-2.00	621+0.000	414.353	413.921	0.431	4.000	414.273	-2.00	4.237	413.917	-150.00
-4.244	413.941	-150.00	-4.000	414.307	-2.00	622+0.000	414.387	413.937	0.450	4.000	414.307	-2.00	4.249	413.933	-150.00
-4.231	413.788	-150.00	-4.000	414.135	-2.00	623+0.000	414.215	413.761	0.454	4.000	414.135	-2.00	4.255	413.752	-150.00
-4.243	413.666	-150.00	-4.000	414.030	-2.00	624+0.000	414.110	413.655	0.455	4.000	414.030	-2.00	4.258	413.644	-150.00

Carlos Eduardo da Silva [illegible]
Diretor Presidente da Plaqu[illegible]
Presidente Geral - Estado
Secretaria de Estado [illegible]

-4.233	413.614	-150.00	-4.000	413.963	-2.00	625+0.000	414.043	413.600	0.444	4.000	413.963	-2.00	4.250	413.588	-150.00
-4.256	413.767	-150.00	-4.000	414.151	-2.00	626+0.000	414.231	413.812	0.419	4.000	414.151	-2.00	4.196	413.856	-150.00
-4.256	414.218	-150.00	-4.000	414.602	-2.00	627+0.000	414.682	414.263	0.420	4.000	414.602	-2.00	4.197	414.307	-150.00
-4.254	414.847	-150.00	-4.000	415.229	-2.00	628+0.000	415.309	414.902	0.407	4.000	415.229	-2.00	4.175	414.966	-150.00
-4.277	415.781	-150.00	-4.000	416.196	-2.00	629+0.000	416.276	415.847	0.429	4.000	416.196	-2.00	4.189	415.912	-150.00
-4.262	416.820	-150.00	-4.000	417.213	-2.00	630+0.000	417.293	416.851	0.442	4.000	417.213	-2.00	4.206	416.904	-150.00
-4.253	417.952	-150.00	-4.000	418.332	-2.00	631+0.000	418.412	418.006	0.406	4.000	418.332	-2.00	4.182	418.059	-150.00
-4.251	419.070	-150.00	-4.000	419.447	-2.00	632+0.000	419.527	419.115	0.412	4.000	419.447	-2.00	4.188	419.165	-150.00
-4.238	420.077	-150.00	-4.000	420.434	-2.00	633+0.000	420.514	420.098	0.416	4.000	420.434	-2.00	4.200	420.134	-150.00
-4.237	421.060	-150.00	-4.000	421.415	-2.00	634+0.000	421.495	421.076	0.419	4.000	421.415	-2.00	4.217	421.090	-150.00
-4.218	421.967	-150.00	-4.000	422.294	-2.00	635+0.000	422.374	421.962	0.412	4.000	422.294	-2.00	4.225	421.957	-150.00
-4.209	422.857	-150.00	-4.000	423.172	-2.00	636+0.000	423.252	422.846	0.406	4.000	423.172	-2.00	4.225	422.835	-150.00
-4.199	423.751	-150.00	-4.000	424.050	-2.00	637+0.000	424.130	423.737	0.393	4.000	424.050	-2.00	4.218	423.723	-150.00
-4.167	424.678	-150.00	-4.000	424.928	-2.00	638+0.000	425.008	424.623	0.385	4.000	424.928	-2.00	4.259	424.538	-150.00
-4.165	425.559	-150.00	-4.000	425.806	-2.00	639+0.000	425.886	425.475	0.411	4.000	425.806	-2.00	4.278	425.388	-150.00
-4.163	426.306	-150.00	-4.000	426.550	-2.00	640+0.000	426.630	426.208	0.422	4.000	426.550	-2.00	4.295	426.108	-150.00
-4.203	426.835	-150.00	-4.000	427.140	-2.00	641+0.000	427.220	426.786	0.434	4.000	427.140	-2.00	4.266	426.741	-150.00
-4.125	427.288	-150.00	-4.000	427.476	-2.00	642+0.000	427.556	427.253	0.302	4.000	427.476	-2.00	4.172	427.218	-150.00
-4.094	427.627	-150.00	-4.000	427.768	-2.00	643+0.000	427.848	427.608	0.240	4.000	427.768	-2.00	4.120	427.588	-150.00
-4.135	427.857	-150.00	-4.000	428.060	-2.00	644+0.000	428.140	427.922	0.218	4.000	428.060	-2.00	4.050	427.986	-150.00
-4.247	427.982	-150.00	-4.000	428.352	-2.00	645+0.000	428.432	428.079	0.353	4.000	428.352	-2.00	4.119	428.174	-150.00
-4.289	428.211	-150.00	-4.000	428.645	-2.00	646+0.000	428.725	428.309	0.415	4.000	428.645	-2.00	4.147	428.423	-150.00
-4.356	428.266	-150.00	-4.000	428.799	-2.00	647+0.000	428.879	428.434	0.445	4.000	428.799	-2.00	4.136	428.594	-150.00
-4.377	428.293	-150.00	-4.000	428.859	-2.00	648+0.000	428.939	428.466	0.474	4.000	428.859	-2.00	4.153	428.630	-150.00
-4.370	428.366	-150.00	-4.000	428.920	-2.00	649+0.000	429.000	428.555	0.445	4.000	428.920	-2.00	4.126	428.731	-150.00
-4.375	428.405	-150.00	-4.000	428.968	-2.00	650+0.000	429.048	428.593	0.455	4.000	428.968	-2.00	4.142	428.756	-150.00
-4.332	428.171	-150.00	-4.000	428.669	-2.00	651+0.000	428.749	428.347	0.402	4.000	428.669	-2.00	4.104	428.514	-150.00
-4.345	427.840	-150.00	-4.000	428.358	-2.00	652+0.000	428.438	428.021	0.417	4.000	428.358	-2.00	4.114	428.188	-150.00
-4.372	427.490	-150.00	-4.000	428.047	-2.00	653+0.000	428.127	427.681	0.446	4.000	428.047	-2.00	4.124	427.862	-150.00
-4.498	427.098	-150.00	-4.000	427.844	-2.00	654+0.000	427.924	427.281	0.643	4.000	427.844	-2.00	4.259	427.455	-150.00
-4.340	427.164	-150.00	-4.000	427.675	-2.00	655+0.000	427.755	427.313	0.442	4.000	427.675	-2.00	4.147	427.455	-150.00
-4.366	427.507	-150.00	-4.000	428.056	-2.00	656+0.000	428.136	427.625	0.511	4.000	428.056	-2.00	4.212	427.739	-150.00
-4.297	428.166	-150.00	-4.000	428.612	-2.00	657+0.000	428.692	428.262	0.430	4.000	428.612	-2.00	4.181	428.341	-150.00
-4.205	429.037	-150.00	-4.000	429.344	-2.00	658+0.000	429.424	429.037	0.388	4.000	429.344	-2.00	4.185	429.067	-150.00
-4.137	430.228	-150.00	-4.000	430.435	-2.00	659+0.000	430.515	430.170	0.344	4.000	430.435	-2.00	4.216	430.111	-150.00
-4.178	431.258	-150.00	-4.000	431.525	-2.00	660+0.000	431.605	431.199	0.407	4.000	431.525	-2.00	4.265	431.127	-150.00
-4.164	432.181	-150.00	-4.000	432.428	-2.00	661+0.000	432.508	432.091	0.417	4.000	432.428	-2.00	4.294	431.987	-150.00
-4.073	432.739	-150.00	-4.000	432.848	-2.00	662+0.000	432.928	432.662	0.266	4.000	432.848	-2.00	4.177	432.583	-150.00
-4.103	433.096	-150.00	-4.000	433.251	-2.00	663+0.000	433.331	432.999	0.332	4.000	433.251	-2.00	4.234	432.899	-150.00
-4.177	433.363	-150.00	-4.000	433.629	-2.00	664+0.000	433.709	433.267	0.441	4.000	433.629	-2.00	4.301	433.177	-150.00
-4.208	433.352	-150.00	-4.000	433.664	-2.00	665+0.000	433.744	433.288	0.456	4.000	433.664	-2.00	4.280	433.245	-150.00
-4.210	433.336	-150.00	-4.000	433.652	-2.00	666+0.000	433.732	433.294	0.438	4.000	433.652	-2.00	4.265	433.254	-150.00
-4.195	433.476	-150.00	-4.000	433.768	-2.00	667+0.000	433.848	433.413	0.435	4.000	433.768	-2.00	4.268	433.367	-150.00
-4.192	433.800	-150.00	-4.000	434.089	-2.00	668+0.000	434.169	433.730	0.439	4.000	434.089	-2.00	4.288	433.657	-150.00
-4.195	434.246	-150.00	-4.000	434.539	-2.00	669+0.000	434.619	434.170	0.450	4.000	434.539	-2.00	4.299	434.091	-150.00
-4.144	434.860	-150.00	-4.000	435.075	-2.00	670+0.000	435.155	434.754	0.402	4.000	435.075	-2.00	4.281	434.653	-150.00
-4.115	435.556	-150.00	-4.000	435.728	-2.00	671+0.000	435.808	435.456	0.352	4.000	435.728	-2.00	4.250	435.353	-150.00
-4.179	436.111	-150.00	-4.000	436.380	-2.00	672+0.000	436.460	436.010	0.450	4.000	436.380	-2.00	4.317	435.905	-150.00
-4.224	436.606	-150.00	-4.000	436.942	-2.00	673+0.000	437.022	436.499	0.522	4.000	436.942	-2.00	4.370	436.386	-150.00
-4.211	437.007	-150.00	-4.000	437.324	-2.00	674+0.000	437.404	436.905	0.499	4.000	437.324	-2.00	4.349	436.799	-150.00
-4.199	437.228	-150.00	-4.000	437.526	-2.00	675+0.000	437.606	437.134	0.472	4.000	437.526	-2.00	4.325	437.038	-150.00
-4.222	437.216	-150.00	-4.000	437.549	-2.00	676+0.000	437.629	437.133	0.496	4.000	437.549	-2.00	4.334	437.048	-150.00
-4.226	437.053	-150.00	-4.000	437.393	-2.00	677+0.000	437.473	436.973	0.499	4.000	437.393	-2.00	4.337	436.887	-150.00
-4.207	436.743	-150.00	-4.000	437.054	-2.00	678+0.000	437.134	436.658	0.476	4.000	437.054	-2.00	4.322	436.571	-150.00
-4.164	436.402	-150.00	-4.000	436.648	-2.00	679+0.000	436.728	436.298	0.430	4.000	436.648	-2.00	4.310	436.182	-150.00
-4.177	435.976	-150.00	-4.000	436.242	-2.00	680+0.000	436.322	435.862	0.460	4.000	436.242	-2.00	4.332	435.744	-150.00
-4.140	435.626	-150.00	-4.000	435.836	-2.00	681+0.000	435.916	435.493	0.423	4.000	435.836	-2.00	4.338	435.328	-150.00
-4.138	435.222	-150.00	-4.000	435.430	-2.00	682+0.000	435.510	435.062	0.447	4.000	435.430	-2.00	4.357	434.894	-150.00
-4.171	434.767	-150.00	-4.000	435.023	-2.00	683+0.000	435.103	434.650	0.453	4.000	435.023	-2.00	4.334	434.523	-150.00
-4.225	434.256	-150.00	-4.000	434.594	-2.00	684+0.000	434.674	434.097	0.578	4.000	434.594	-2.00	4.443	433.929	-150.00
-4.160	433.989	-150.00	-4.000	434.228	-2.00	685+0.000	434.308	433.850	0.458	4.000	434.228	-2.00	4.351	433.702	-150.00
-4.179	433.879	-150.00	-4.000	434.148	-2.00	686+0.000	434.228	433.725	0.503	4.000	434.148	-2.00	4.390	433.563	-150.00
-4.162	433.929	-150.00	-4.000	434.172	-2.00	687+0.000	434.252	433.782	0.471	4.000	434.172	-2.00	4.367	433.622	-150.00
-4.125	434.038	-150.00	-4.000	434.226	-2.00	688+0.000	434.306	433.881	0.425	4.000	434.226	-2.00	4.340	433.715	-150.00
-4.106	434.352	-150.00	-4.000	434.512	-2.00	689+0.000	434.592	434.230	0.362	4.000	434.512	-2.00	4.293	434.072	-150.00
-4.202	434.568	-150.00	-4.000	434.872	-2.00	690+0.000	434.952	434.533	0.419	4.000	434.872	-2.00	4.244	434.505	-150.00
-4.273	435.154	-150.00	-4.000	435.563	-2.00	691+0.000	435.643	435.078	0.565	4.000	435.563	-2.00	4.353	435.034	-150.00
-4.181	436.035	-150.00	-4.000	436.307	-2.00	692+0.000	436.387	435.961	0.425	4.000	436.307	-2.00	4.281	435.886	-150.00
-4.188	436.929	-150.00	-4.000	437.211	-2.00	693+0.000	437.291	436.888	0.403	4.000	437.211	-2.00	4.243	436.846	-150.00
-4.196	437.908	-150.00	-4.000	438.201	-2.00	694+0.000	438.281	437.868	0.413	4.000	438.201	-2.00	4.249	437.828	-150.00
-4.192	438.951	-150.00	-4.000	439.239	-2.00	695+0.000	439.319	438.913	0.406	4.000	439.239	-2.00	4.243	438.874	-150.00
-4.198	440.061	-150.00	-4.000	440.358	-2.00	696+0.000	440.438	440.035	0.403	4.000	440.358	-2.00	4.236	440.004	-150.00
-4.217	440.917	-150.00	-4.000	441.242	-2.00	697+0.000	441.322	440.896	0.426	4.000	441.242	-2.00	4.241	440.881	-150.00
-4.191	441.764	-150.00	-4.000	442.050	-2.00	698+0.000	442.130	441.697	0.433	4.000	442.050	-2.00	4.257	441.664	-150.00
-4.173	442.334	-150.00	-4.000	442.593	-2.00	699+0.000	442.673	442.242	0.431	4.000	442.593	-2.00	4.297	442.147	-150.00
-4.194	442.666	-150.00	-4.000	442.957	-2.00	700+0.000	443.037	442.587	0.450	4.000	442.957	-2.00	4.318	442.481	-150.00
-4.235	442.924	-150.00	-4.000	443.276	-2.00	701+0.000	443.356	442.859	0.496	4.000	443.276	-2.00	4.336	442.771	-150.00
-4.216	443.269	-150.00	-4.000	443.594	-2.00	702+0.000	443.674	443.187	0.487	4.000	443.594	-2.00	4.331	443.097	-150.00
-4.210	443.597	-150.00	-4.000	443.912	-2.00	703+0.000	443.992	443.520	0.472	4.000	443.912	-2.00	4.314	443.441	-150.00

-4.164	443.975	-150.00	-4.000	444.221	-2.00	704+0.000	444.301	443.866	0.435	4.000	444.221	-2.00	4.317	443.745	-150.00
-4.233	444.146	-150.00	-4.000	444.496	-2.00	705+0.000	444.576	444.046	0.530	4.000	444.496	-2.00	4.369	443.942	-150.00
-4.206	444.436	-150.00	-4.000	444.745	-2.00	706+0.000	444.825	444.376	0.449	4.000	444.745	-2.00	4.291	444.308	-150.00
-4.159	444.329	-150.00	-4.000	444.568	-2.00	707+0.000	444.648	444.198	0.449	4.000	444.568	-2.00	4.337	444.063	-150.00
-4.146	444.095	-150.00	-4.000	444.314	-2.00	708+0.000	444.394	444.017	0.378	4.000	444.314	-2.00	4.252	443.936	-150.00
-4.198	443.727	-150.00	-4.000	444.024	-2.00	709+0.000	444.104	443.646	0.458	4.000	444.024	-2.00	4.328	443.532	-150.00
-4.199	443.225	-150.00	-4.000	443.524	-2.00	710+0.000	443.604	443.125	0.479	4.000	443.524	-2.00	4.335	443.022	-150.00
-4.195	442.700	-150.00	-4.000	442.992	-2.00	711+0.000	443.072	442.602	0.469	4.000	442.992	-2.00	4.326	442.502	-150.00
-4.173	442.256	-150.00	-4.000	442.514	-2.00	712+0.000	442.594	442.149	0.445	4.000	442.514	-2.00	4.325	442.027	-150.00
-4.170	441.825	-150.00	-4.000	442.080	-2.00	713+0.000	442.160	441.707	0.453	4.000	442.080	-2.00	4.328	441.588	-150.00
-4.156	441.570	-150.00	-4.000	441.804	-2.00	714+0.000	441.884	441.457	0.426	4.000	441.804	-2.00	4.308	441.341	-150.00
-4.156	441.524	-150.00	-4.000	441.757	-2.00	715+0.000	441.837	441.409	0.429	4.000	441.757	-2.00	4.315	441.285	-150.00
-4.164	441.464	-150.00	-4.000	441.711	-2.00	716+0.000	441.791	441.354	0.437	4.000	441.711	-2.00	4.318	441.233	-150.00
-4.199	441.332	-150.00	-4.000	441.630	-2.00	717+0.000	441.710	441.248	0.462	4.000	441.630	-2.00	4.311	441.164	-150.00
-4.146	441.091	-150.00	-4.000	441.310	-2.00	718+0.000	441.390	440.997	0.393	4.000	441.310	-2.00	4.273	440.900	-150.00
-4.141	440.708	-150.00	-4.000	440.919	-2.00	719+0.000	440.999	440.645	0.354	4.000	440.919	-2.00	4.226	440.581	-150.00
-4.213	440.207	-150.00	-4.000	440.526	-2.00	720+0.000	440.606	440.139	0.467	4.000	440.526	-2.00	4.314	440.055	-150.00
-4.209	439.539	-150.00	-4.000	439.853	-2.00	721+0.000	439.933	439.437	0.495	4.000	439.853	-2.00	4.347	439.333	-150.00
-4.254	438.719	-150.00	-4.000	439.101	-2.00	722+0.000	439.181	438.614	0.566	4.000	439.101	-2.00	4.396	438.506	-150.00
-4.363	437.804	-150.00	-4.000	438.348	-2.00	723+0.000	438.428	437.712	0.717	4.000	438.348	-2.00	4.498	437.602	-150.00
-4.376	437.033	-150.00	-4.000	437.596	-2.00	724+0.000	437.676	436.949	0.727	4.000	437.596	-2.00	4.492	436.858	-150.00
-4.236	436.491	-150.00	-4.000	436.844	-2.00	725+0.000	436.924	436.413	0.511	4.000	436.844	-2.00	4.340	436.335	-150.00
-4.213	435.983	-150.00	-4.000	436.303	-2.00	726+0.000	436.383	435.916	0.467	4.000	436.303	-2.00	4.307	435.843	-150.00
-4.111	435.362	-150.00	-4.000	435.528	-2.00	727+0.000	435.608	435.315	0.293	4.000	435.528	-2.00	4.172	435.270	-150.00
-4.034	434.613	66.67	-4.000	434.590	-2.00	728+0.000	434.670	434.595	0.075	4.000	434.590	-2.00	4.008	434.578	-150.00
-4.017	433.627	-150.00	-4.000	433.652	-2.00	729+0.000	433.732	433.592	0.141	4.000	433.652	-2.00	4.064	433.556	-150.00
-4.132	432.517	-150.00	-4.000	432.714	-2.00	730+0.000	432.794	432.485	0.310	4.000	432.714	-2.00	4.147	432.494	-150.00
-4.228	431.435	-150.00	-4.000	431.777	-2.00	731+0.000	431.857	431.443	0.414	4.000	431.777	-2.00	4.217	431.451	-150.00
-4.277	430.334	-150.00	-4.000	430.749	-2.00	732+0.000	430.829	430.332	0.497	4.000	430.749	-2.00	4.280	430.329	-150.00
-4.267	429.205	-150.00	-4.000	429.605	-2.00	733+0.000	429.685	429.214	0.471	4.000	429.605	-2.00	4.245	429.237	-150.00
-4.294	428.283	-150.00	-4.000	428.724	-2.00	734+0.000	428.804	428.332	0.472	4.000	428.724	-2.00	4.229	428.381	-150.00
-4.265	427.549	-150.00	-4.000	427.946	-2.00	735+0.000	428.026	427.577	0.449	4.000	427.946	-2.00	4.227	427.606	-150.00
-4.312	426.805	-150.00	-4.000	427.273	-2.00	736+0.000	427.353	426.893	0.460	4.000	427.273	-2.00	4.197	426.977	-150.00
-4.299	426.337	-150.00	-4.000	426.786	-2.00	737+0.000	426.866	426.406	0.460	4.000	426.786	-2.00	4.208	426.474	-150.00
-4.337	426.039	-150.00	-4.000	426.544	-2.00	738+0.000	426.624	426.159	0.465	4.000	426.544	-2.00	4.179	426.275	-150.00
-4.339	425.594	-150.00	-4.000	426.102	-2.00	739+0.000	426.182	425.724	0.458	4.000	426.102	-2.00	4.169	425.849	-150.00
-4.182	425.279	-150.00	-4.000	425.552	-2.00	740+0.000	425.632	425.359	0.273	4.000	425.552	-2.00	4.076	425.438	-150.00
-4.171	424.835	-150.00	-4.000	425.091	-2.00	741+0.000	425.171	424.909	0.262	4.000	425.091	-2.00	4.073	424.982	-150.00
-4.212	424.266	-150.00	-4.000	424.584	-2.00	742+0.000	424.664	424.282	0.382	4.000	424.584	-2.00	4.191	424.297	-150.00
-4.150	423.759	-150.00	-4.000	423.984	-2.00	743+0.000	424.064	423.771	0.293	4.000	423.984	-2.00	4.134	423.782	-150.00
-4.172	423.126	-150.00	-4.000	423.384	-2.00	744+0.000	423.464	423.031	0.432	4.000	423.384	-2.00	4.266	422.985	-150.00
-4.187	422.503	-150.00	-4.000	422.783	-2.00	745+0.000	422.863	422.421	0.442	4.000	422.783	-2.00	4.298	422.336	-150.00
-4.152	422.062	-150.00	-4.000	422.290	-2.00	746+0.000	422.370	421.916	0.454	4.000	422.290	-2.00	4.351	421.764	-150.00
-4.181	421.823	-150.00	-4.000	422.094	-2.00	747+0.000	422.174	421.720	0.454	4.000	422.094	-2.00	4.320	421.614	-150.00
-4.193	421.397	-150.00	-4.000	421.687	-2.00	748+0.000	421.767	421.314	0.453	4.000	421.687	-2.00	4.301	421.235	-150.00
-4.109	421.175	-150.00	-4.000	421.339	-2.00	749+0.000	421.419	420.967	0.451	4.000	421.339	-2.00	4.388	420.756	-150.00
-4.115	420.831	-150.00	-4.000	421.003	-2.00	750+0.000	421.083	420.624	0.459	4.000	421.003	-2.00	4.388	420.421	-150.00
-4.073	420.421	-150.00	-4.000	420.530	-2.00	751+0.000	420.610	420.264	0.347	4.000	420.530	-2.00	4.288	420.098	-150.00
-4.072	419.949	-150.00	-4.000	420.057	-2.00	752+0.000	420.137	419.790	0.347	4.000	420.057	-2.00	4.289	419.623	-150.00
-4.139	419.375	-150.00	-4.000	419.583	-2.00	753+0.000	419.663	419.217	0.446	4.000	419.583	-2.00	4.355	419.050	-150.00
-4.125	418.954	-150.00	-4.000	419.141	-2.00	754+0.000	419.221	418.734	0.487	4.000	419.141	-2.00	4.395	418.549	-150.00
-4.121	418.675	-150.00	-4.000	418.857	-2.00	755+0.000	418.937	418.471	0.466	4.000	418.857	-2.00	4.402	418.253	-150.00
-4.088	418.603	-150.00	-4.000	418.735	-2.00	756+0.000	418.815	418.384	0.431	4.000	418.735	-2.00	4.391	418.148	-150.00
-4.090	418.583	-150.00	-4.000	418.718	-2.00	757+0.000	418.798	418.367	0.432	4.000	418.718	-2.00	4.389	418.135	-150.00
-4.113	418.514	-150.00	-4.000	418.683	-2.00	758+0.000	418.763	418.312	0.451	4.000	418.683	-2.00	4.398	418.086	-150.00
-4.086	418.358	-150.00	-4.000	418.488	-2.00	759+0.000	418.568	418.177	0.391	4.000	418.488	-2.00	4.339	417.979	-150.00
-4.087	418.181	-150.00	-4.000	418.311	-2.00	760+0.000	418.391	417.934	0.457	4.000	418.311	-2.00	4.417	417.685	-150.00
-4.110	418.010	-150.00	-4.000	418.176	-2.00	761+0.000	418.256	417.795	0.461	4.000	418.176	-2.00	4.431	417.529	-150.00
-4.083	417.550	-150.00	-4.000	417.675	-2.00	762+0.000	417.755	417.293	0.462	4.000	417.675	-2.00	4.441	417.012	-150.00
-4.014	416.935	66.67	-4.000	416.925	-2.00	763+0.000	417.005	416.697	0.308	4.000	416.925	-2.00	4.340	416.416	-150.00
-4.052	416.098	-150.00	-4.000	416.176	-2.00	764+0.000	416.256	415.873	0.383	4.000	416.176	-2.00	4.375	415.613	-150.00
-4.142	415.181	-150.00	-4.000	415.394	-2.00	765+0.000	415.474	414.989	0.485	4.000	415.394	-2.00	4.439	414.737	-150.00
-4.207	414.165	-150.00	-4.000	414.475	-2.00	766+0.000	414.555	413.985	0.570	4.000	414.475	-2.00	4.454	413.794	-150.00
-4.113	413.387	-150.00	-4.000	413.556	-2.00	767+0.000	413.636	413.247	0.390	4.000	413.556	-2.00	4.328	413.065	-150.00
-4.154	412.406	-150.00	-4.000	412.637	-2.00	768+0.000	412.717	412.276	0.441	4.000	412.637	-2.00	4.332	412.140	-150.00
-4.198	411.422	-150.00	-4.000	411.718	-2.00	769+0.000	411.798	411.327	0.471	4.000	411.718	-2.00	4.344	411.202	-150.00
-4.207	410.503	-150.00	-4.000	410.814	-2.00	770+0.000	410.894	410.424	0.470	4.000	410.814	-2.00	4.312	410.346	-150.00
-4.211	409.861	-150.00	-4.000	410.177	-2.00	771+0.000	410.257	409.795	0.463	4.000	410.177	-2.00	4.301	409.726	-150.00
-4.234	409.291	-150.00	-4.000	409.643	-2.00	772+0.000	409.723	409.273	0.450	4.000	409.643	-2.00	4.259	409.254	-150.00
-4.236	409.039	-150.00	-4.000	409.393	-2.00	773+0.000	409.473	409.065	0.408	4.000	409.393	-2.00	4.217	409.068	-150.00
-4.274	408.815	-150.00	-4.000	409.225	-2.00	774+0.000	409.305	408.868	0.437	4.000	409.225	-2.00	4.198	408.929	-150.00
-4.276	408.832	-150.00	-4.000	409.246	-2.00	775+0.000	409.326	408.902	0.424	4.000	409.246	-2.00	4.183	408.971	-150.00
-4.282	408.936	-150.00	-4.000	409.360	-2.00	776+0.000	409.440	409.020	0.420	4.000	409.360	-2.00	4.180	409.090	-150.00
-4.242	409.313	-150.00	-4.000	409.676	-2.00	777+0.000	409.756	409.341	0.415	4.000	409.676	-2.00	4.201	409.375	-150.00
-4.255	409.767	-150.00	-4.000	410.150	-2.00	778+0.000	410.230	409.771	0.458	4.000	410.150	-2.00	4.249	409.775	-150.00
-4.171	409.912	-150.00	-4.000	410.169	-2.00	779+0.000	410.249	409.864	0.385	4.000	410.169	-2.00	4.236	409.815	-150.00
-4.215	409.822	-150.00	-4.000	410.145	-2.00	780+0.000	410.225	409.773	0.453	4.000	410.145	-2.00	4.282	409.722	-150.00
-4.204	409.690	-150.00	-4.000	409.996	-2.00	781+0.000	410.076	409.596	0.480	4.000	409.996	-2.00	4.293	409.557	-150.00
-4.190	409.557	-150.00	-4.000	409.843	-2.00	782+0.000	409.923	409.455	0.468	4.000	409.843	-2.00	4.322	409.360	-150.00

-4.191	409.454	-150.00	-4.000	409.740	-2.00	783+0.000	409.820	409.394	0.426	4.000	409.740	-2.00	4.271	409.333	-150.00
-4.188	409.374	-150.00	-4.000	409.657	-2.00	784+0.000	409.737	409.285	0.452	4.000	409.657	-2.00	4.293	409.218	-150.00
-4.197	409.350	-150.00	-4.000	409.646	-2.00	785+0.000	409.726	409.283	0.443	4.000	409.646	-2.00	4.287	409.215	-150.00
-4.192	409.411	-150.00	-4.000	409.700	-2.00	786+0.000	409.780	409.343	0.437	4.000	409.700	-2.00	4.284	409.273	-150.00
-4.179	409.531	-150.00	-4.000	409.800	-2.00	787+0.000	409.880	409.445	0.435	4.000	409.800	-2.00	4.296	409.356	-150.00
-4.194	409.680	-150.00	-4.000	409.971	-2.00	788+0.000	410.051	409.594	0.457	4.000	409.971	-2.00	4.310	409.506	-150.00
-4.208	409.775	-150.00	-4.000	410.087	-2.00	789+0.000	410.167	409.717	0.450	4.000	410.087	-2.00	4.287	409.657	-150.00
-4.158	409.701	-150.00	-4.000	409.939	-2.00	790+0.000	410.019	409.578	0.440	4.000	409.939	-2.00	4.270	409.533	-150.00
-4.161	410.013	-150.00	-4.000	410.255	-2.00	791+0.000	410.335	409.891	0.444	4.000	410.255	-2.00	4.327	409.764	-150.00
-4.178	410.320	-150.00	-4.000	410.586	-2.00	792+0.000	410.666	410.193	0.473	4.000	410.586	-2.00	4.350	410.061	-150.00
-4.142	410.705	-150.00	-4.000	410.918	-2.00	793+0.000	410.998	410.564	0.434	4.000	410.918	-2.00	4.335	410.415	-150.00
-4.088	411.218	-150.00	-4.000	411.349	-2.00	794+0.000	411.429	411.017	0.412	4.000	411.349	-2.00	4.336	410.845	-150.00
-4.117	411.697	-150.00	-4.000	411.873	-2.00	795+0.000	411.953	411.516	0.437	4.000	411.873	-2.00	4.373	411.313	-150.00
-4.117	411.906	-150.00	-4.000	412.081	-2.00	796+0.000	412.161	411.720	0.441	4.000	412.081	-2.00	4.372	411.523	-150.00
-4.095	412.020	-150.00	-4.000	412.162	-2.00	797+0.000	412.242	411.820	0.422	4.000	412.162	-2.00	4.370	411.607	-150.00
-4.143	411.996	-150.00	-4.000	412.211	-2.00	798+0.000	412.291	411.838	0.453	4.000	412.211	-2.00	4.387	411.630	-150.00
-4.102	411.814	-150.00	-4.000	411.967	-2.00	799+0.000	412.047	411.629	0.418	4.000	411.967	-2.00	4.357	411.431	-150.00
-4.093	411.189	-150.00	-4.000	411.329	-2.00	800+0.000	411.409	411.034	0.375	4.000	411.329	-2.00	4.298	410.882	-150.00
-4.131	410.473	-150.00	-4.000	410.669	-2.00	801+0.000	410.749	410.346	0.403	4.000	410.669	-2.00	4.304	410.213	-150.00
-4.170	409.839	-150.00	-4.000	410.094	-2.00	802+0.000	410.174	409.728	0.446	4.000	410.094	-2.00	4.331	409.598	-150.00
-4.148	409.494	-150.00	-4.000	409.717	-2.00	803+0.000	409.797	409.363	0.434	4.000	409.717	-2.00	4.328	409.225	-150.00
-4.144	409.598	-150.00	-4.000	409.815	-2.00	804+0.000	409.895	409.547	0.347	4.000	409.815	-2.00	4.216	409.491	-150.00
-4.174	410.103	-150.00	-4.000	410.364	-2.00	805+0.000	410.444	410.058	0.386	4.000	410.364	-2.00	4.204	410.058	-150.00
-4.171	410.657	-150.00	-4.000	410.913	-2.00	806+0.000	410.993	410.709	0.285	4.000	410.913	-2.00	4.103	410.759	-150.00
-4.283	411.037	-150.00	-4.000	411.463	-2.00	807+0.000	411.543	411.184	0.359	4.000	411.463	-2.00	4.092	411.324	-150.00
-4.335	411.420	-150.00	-4.000	411.923	-2.00	808+0.000	412.003	411.593	0.410	4.000	411.923	-2.00	4.111	411.757	-150.00
-4.344	411.587	-150.00	-4.000	412.103	-2.00	809+0.000	412.183	411.757	0.426	4.000	412.103	-2.00	4.123	411.918	-150.00
-4.279	411.638	-150.00	-4.000	412.057	-2.00	810+0.000	412.137	411.814	0.323	4.000	412.057	-2.00	4.050	411.981	-150.00
-4.291	411.557	-150.00	-4.000	411.993	-2.00	811+0.000	412.073	411.760	0.313	4.000	411.993	-2.00	4.029	411.950	-150.00
-4.385	411.354	-150.00	-4.000	411.931	-2.00	812+0.000	412.011	411.572	0.439	4.000	411.931	-2.00	4.103	411.775	-150.00
-4.376	411.426	-150.00	-4.000	411.991	-2.00	813+0.000	412.071	411.639	0.432	4.000	411.991	-2.00	4.100	411.840	-150.00
-4.396	411.772	-150.00	-4.000	412.366	-2.00	814+0.000	412.446	411.991	0.456	4.000	412.366	-2.00	4.112	412.198	-150.00
-4.434	411.870	-150.00	-4.000	412.520	-2.00	815+0.000	412.600	412.212	0.389	4.000	412.520	-2.00			
-4.363	411.953	-150.00	-4.000	412.497	-2.00	816+0.000	412.577	412.261	0.316	4.000	412.497	-2.00	4.078	412.549	66.67
-4.468	411.771	-150.00	-4.000	412.473	-2.00	817+0.000	412.553	412.090	0.463	4.000	412.473	-2.00	4.061	412.382	-150.00
-4.528	411.658	-150.00	-4.000	412.449	-2.00	818+0.000	412.529	411.912	0.617	4.000	412.449	-2.00	4.201	412.148	-150.00
-4.564	411.580	-150.00	-4.000	412.426	-2.00	819+0.000	412.506	411.823	0.683	4.000	412.426	-2.00	4.251	412.050	-150.00
-4.574	411.542	-150.00	-4.000	412.402	-2.00	820+0.000	412.482	411.694	0.788	4.000	412.402	-2.00	4.370	411.848	-150.00
-4.341	411.867	-150.00	-4.000	412.379	-2.00	821+0.000	412.459	411.945	0.514	4.000	412.379	-2.00	4.251	412.002	-150.00
-4.186	412.181	-150.00	-4.000	412.460	-2.00	822+0.000	412.540	412.175	0.365	4.000	412.460	-2.00	4.194	412.169	-150.00
-4.145	413.401	-150.00	-4.000	413.618	-2.00	823+0.000	413.698	413.327	0.371	4.000	413.618	-2.00	4.212	413.300	-150.00
-4.054	414.979	-150.00	-4.000	415.060	-2.00	824+0.000	415.140	414.777	0.364	4.000	415.060	-2.00	4.334	414.560	-150.00
-4.033	416.560	-150.00	-4.000	416.609	-2.00	825+0.000	416.689	416.361	0.328	4.000	416.609	-2.00	4.307	416.148	-150.00
-4.057	418.059	-150.00	-4.000	418.144	-2.00	826+0.000	418.224	417.862	0.362	4.000	418.144	-2.00	4.326	417.656	-150.00
-4.104	419.319	-150.00	-4.000	419.475	-2.00	827+0.000	419.555	419.098	0.457	4.000	419.475	-2.00	4.392	418.887	-150.00
-4.110	420.373	-150.00	-4.000	420.538	-2.00	828+0.000	420.618	420.175	0.443	4.000	420.538	-2.00	4.382	419.964	-150.00
-4.106	421.173	-150.00	-4.000	421.332	-2.00	829+0.000	421.412	421.020	0.392	4.000	421.332	-2.00	4.315	420.859	-150.00
-4.215	421.545	-150.00	-4.000	421.868	-2.00	830+0.000	421.948	421.419	0.528	4.000	421.868	-2.00	4.306	421.408	-150.00
-4.326	421.843	-150.00	-4.000	422.332	-2.00	831+0.000	422.412	421.840	0.572	4.000	422.332	-2.00	4.330	421.837	-150.00
-4.244	422.432	-150.00	-4.000	422.797	-2.00	832+0.000	422.877	422.490	0.387	4.000	422.797	-2.00	4.172	422.539	-150.00
-4.297	422.814	-150.00	-4.000	423.259	-2.00	833+0.000	423.339	422.908	0.431	4.000	423.259	-2.00	4.181	422.989	-150.00
-4.241	423.112	-150.00	-4.000	423.474	-2.00	834+0.000	423.554	423.199	0.355	4.000	423.474	-2.00	4.127	423.284	-150.00
-4.203	423.115	-150.00	-4.000	423.419	-2.00	835+0.000	423.499	423.218	0.281	4.000	423.419	-2.00	4.070	423.314	-150.00
-4.263	422.964	-150.00	-4.000	423.359	-2.00	836+0.000	423.439	423.071	0.368	4.000	423.359	-2.00	4.123	423.173	-150.00
-4.290	422.863	-150.00	-4.000	423.298	-2.00	837+0.000	423.378	422.954	0.424	4.000	423.298	-2.00	4.189	423.014	-150.00
-4.279	422.812	-150.00	-4.000	423.230	-2.00	838+0.000	423.310	422.898	0.412	4.000	423.230	-2.00	4.177	422.964	-150.00
-4.239	422.798	-150.00	-4.000	423.157	-2.00	839+0.000	423.237	422.868	0.370	4.000	423.157	-2.00	4.148	422.935	-150.00
-4.244	422.734	-150.00	-4.000	423.100	-2.00	840+0.000	423.180	422.745	0.435	4.000	423.100	-2.00	4.230	422.755	-150.00
-4.359	422.733	-150.00	-4.000	423.272	-2.00	841+0.000	423.352	422.765	0.588	4.000	423.272	-2.00	4.331	422.776	-150.00
-4.411	422.830	-150.00	-4.000	423.446	-2.00	842+0.000	423.526	422.810	0.715	4.000	423.446	-2.00	4.453	422.766	-150.00
-4.431	422.976	-150.00	-4.000	423.622	-2.00	843+0.000	423.702	422.960	0.742	4.000	423.622	-2.00	4.452	422.944	-150.00
-4.247	423.581	-150.00	-4.000	423.952	-2.00	844+0.000	424.032	423.555	0.477	4.000	423.952	-2.00	4.282	423.528	-150.00
-4.225	424.181	-150.00	-4.000	424.519	-2.00	845+0.000	424.599	424.180	0.419	4.000	424.519	-2.00	4.237	424.164	-150.00
-4.238	424.867	-150.00	-4.000	425.224	-2.00	846+0.000	425.304	424.908	0.396	4.000	425.224	-2.00	4.210	424.909	-150.00
-4.243	425.565	-150.00	-4.000	425.931	-2.00	847+0.000	426.011	425.600	0.410	4.000	425.931	-2.00	4.197	425.634	-150.00
-4.215	426.446	-150.00	-4.000	426.769	-2.00	848+0.000	426.849	426.429	0.419	4.000	426.769	-2.00	4.237	426.413	-150.00
-4.229	427.288	-150.00	-4.000	427.631	-2.00	849+0.000	427.711	427.291	0.420	4.000	427.631	-2.00	4.224	427.294	-150.00
-4.242	428.130	-150.00	-4.000	428.493	-2.00	850+0.000	428.573	428.156	0.418	4.000	428.493	-2.00	4.218	428.167	-150.00
-4.237	428.847	-150.00	-4.000	429.203	-2.00	851+0.000	429.283	428.858	0.425	4.000	429.203	-2.00	4.226	428.864	-150.00
-4.207	429.402	-150.00	-4.000	429.713	-2.00	852+0.000	429.793	429.408	0.385	4.000	429.713	-2.00	4.199	429.414	-150.00
-4.230	429.878	-150.00	-4.000	430.222	-2.00	853+0.000	430.302	429.893	0.409	4.000	430.222	-2.00	4.210	429.908	-150.00
-4.225	430.352	-150.00	-4.000	430.690	-2.00	854+0.000	430.770	430.335	0.434	4.000	430.690	-2.00	4.252	430.311	-150.00
-4.212	430.601	-150.00	-4.000	430.920	-2.00	855+0.000	431.000	430.592	0.407	4.000	430.920	-2.00	4.225	430.583	-150.00
-4.193	430.856	-150.00	-4.000	431.146	-2.00	856+0.000	431.226	430.847	0.379	4.000	431.146	-2.00	4.205	430.838	-150.00
-4.177	431.107	-150.00	-4.000	431.373	-2.00	857+0.000	431.453	431.102	0.350	4.000	431.373	-2.00	4.190	431.087	-150.00
-4.180	431.329	-150.00	-4.000	431.599	-2.00	858+0.000	431.679	431.311	0.369	4.000	431.599	-2.00	4.205	431.292	-150.00
-4.202	431.523	-150.00	-4.000	431.826	-2.00	859+0.000	431.906	431.505	0.401	4.000	431.826	-2.00	4.227	431.486	-150.00
-4.226	431.714	-150.00	-4.000	432.052	-2.00	860+0.000	432.132	431.696	0.437	4.000	432.052	-2.00	4.250	431.677	-150.00
-4.251	431.903	-150.00	-4.000	432.279	-2.00	861+0.000	432.359	431.902	0.457	4.000	432.279	-2.00	4.241	431.917	-150.00

Osvaldo Ledesma da Silva
Diretor de Projetos e Obras
Secretaria das Cidades

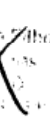
-4.235	432.153	-150.00	-4.000	432.506	-2.00	862+0.000	432.586	432.159	0.427	4.000	432.506	-2.00	4.214	432.185	-150.00
-4.238	432.375	-150.00	-4.000	432.732	-2.00	863+0.000	432.812	432.384	0.428	4.000	432.732	-2.00	4.213	432.413	-150.00
-4.246	432.581	-150.00	-4.000	432.950	-2.00	864+0.000	433.030	432.591	0.439	4.000	432.950	-2.00	4.216	432.626	-150.00
-4.205	432.767	-150.00	-4.000	433.074	-2.00	865+0.000	433.154	432.772	0.382	4.000	433.074	-2.00	4.178	432.807	-150.00
-4.203	432.854	-150.00	-4.000	433.159	-2.00	866+0.000	433.239	432.850	0.389	4.000	433.159	-2.00	4.193	432.869	-150.00
-4.228	432.890	-150.00	-4.000	433.231	-2.00	867+0.000	433.311	432.881	0.430	4.000	433.231	-2.00	4.236	432.877	-150.00
-4.269	432.874	-150.00	-4.000	433.278	-2.00	868+0.000	433.358	432.876	0.482	4.000	433.278	-2.00	4.267	432.878	-150.00
-4.280	432.893	-150.00	-4.000	433.313	-2.00	869+0.000	433.393	432.898	0.495	4.000	433.313	-2.00	4.274	432.902	-150.00
-4.332	432.849	-150.00	-4.000	433.348	-2.00	870+0.000	433.428	432.868	0.560	4.000	433.348	-2.00	4.303	432.893	-150.00
-4.278	432.966	-150.00	-4.000	433.383	-2.00	871+0.000	433.463	432.997	0.466	4.000	433.383	-2.00	4.237	433.028	-150.00
-4.261	433.123	-150.00	-4.000	433.515	-2.00	872+0.000	433.595	433.163	0.432	4.000	433.515	-2.00	4.200	433.214	-150.00
-4.239	433.323	-150.00	-4.000	433.681	-2.00	873+0.000	433.761	433.377	0.384	4.000	433.681	-2.00	4.168	433.430	-150.00
-4.296	433.405	-150.00	-4.000	433.848	-2.00	874+0.000	433.928	433.484	0.444	4.000	433.848	-2.00	4.180	433.577	-150.00
-4.198	433.558	-150.00	-4.000	433.854	-2.00	875+0.000	433.934	433.646	0.289	4.000	433.854	-2.00	4.082	433.731	-150.00
-4.288	433.330	-150.00	-4.000	433.762	-2.00	876+0.000	433.842	433.464	0.379	4.000	433.762	-2.00	4.113	433.592	-150.00
-4.328	433.193	-150.00	-4.000	433.684	-2.00	877+0.000	433.764	433.303	0.461	4.000	433.684	-2.00	4.160	433.444	-150.00
-4.311	433.165	-150.00	-4.000	433.632	-2.00	878+0.000	433.712	433.266	0.446	4.000	433.632	-2.00	4.179	433.363	-150.00
-4.294	433.116	-150.00	-4.000	433.556	-2.00	879+0.000	433.636	433.204	0.432	4.000	433.556	-2.00	4.173	433.297	-150.00
-4.187	433.173	-150.00	-4.000	433.454	-2.00	880+0.000	433.534	433.262	0.271	4.000	433.454	-2.00	4.070	433.349	-150.00
-4.179	433.082	-150.00	-4.000	433.351	-2.00	881+0.000	433.431	433.192	0.239	4.000	433.351	-2.00	4.035	433.298	-150.00
-4.268	432.847	-150.00	-4.000	433.249	-2.00	882+0.000	433.329	432.972	0.357	4.000	433.249	-2.00	4.084	433.123	-150.00
-4.376	432.476	-150.00	-4.000	433.040	-2.00	883+0.000	433.120	432.615	0.505	4.000	433.040	-2.00	4.162	432.797	-150.00
-4.425	432.100	-150.00	-4.000	432.738	-2.00	884+0.000	432.818	432.294	0.524	4.000	432.738	-2.00	4.175	432.476	-150.00
-4.297	431.991	-150.00	-4.000	432.436	-2.00	885+0.000	432.516	432.233	0.283	4.000	432.436	-2.00			
-4.418	431.507	-150.00	-4.000	432.133	-2.00	886+0.000	432.213	431.807	0.406	4.000	432.133	-2.00	4.034	432.082	-150.00
-4.442	431.169	-150.00	-4.000	431.831	-2.00	887+0.000	431.911	431.481	0.431	4.000	431.831	-2.00	4.039	431.773	-150.00
-4.449	430.871	-150.00	-4.000	431.544	-2.00	888+0.000	431.624	431.161	0.464	4.000	431.544	-2.00	4.077	431.429	-150.00
-4.471	430.595	-150.00	-4.000	431.301	-2.00	889+0.000	431.381	430.886	0.495	4.000	431.301	-2.00	4.099	431.152	-150.00
-4.508	430.295	-150.00	-4.000	431.058	-2.00	890+0.000	431.138	430.554	0.583	4.000	431.058	-2.00	4.168	430.806	-150.00
-4.455	430.132	-150.00	-4.000	430.814	-2.00	891+0.000	430.894	430.371	0.523	4.000	430.814	-2.00	4.147	430.594	-150.00
-4.381	430.012	-150.00	-4.000	430.584	-2.00	892+0.000	430.664	430.214	0.450	4.000	430.584	-2.00	4.117	430.409	-150.00
-4.357	430.100	-150.00	-4.000	430.636	-2.00	893+0.000	430.716	430.241	0.475	4.000	430.636	-2.00	4.165	430.389	-150.00
-4.458	430.393	-150.00	-4.000	431.080	-2.00	894+0.000	431.160	430.513	0.647	4.000	431.080	-2.00	4.301	430.629	-150.00
-4.520	431.074	-150.00	-4.000	431.854	-2.00	895+0.000	431.934	431.166	0.768	4.000	431.854	-2.00	4.399	431.255	-150.00
-4.461	431.974	-150.00	-4.000	432.665	-2.00	896+0.000	432.745	432.074	0.671	4.000	432.665	-2.00	4.329	432.171	-150.00
-4.356	432.943	-150.00	-4.000	433.477	-2.00	897+0.000	433.557	433.040	0.517	4.000	433.477	-2.00	4.228	433.134	-150.00
-4.252	433.911	-150.00	-4.000	434.288	-2.00	898+0.000	434.368	433.980	0.388	4.000	434.288	-2.00	4.153	434.058	-150.00
-4.202	434.774	-150.00	-4.000	435.077	-2.00	899+0.000	435.157	434.812	0.346	4.000	435.077	-2.00	4.152	434.849	-150.00
-4.159	435.297	-150.00	-4.000	435.536	-2.00	900+0.000	435.616	435.327	0.289	4.000	435.536	-2.00	4.119	435.357	-150.00
-4.136	435.684	-150.00	-4.000	435.889	-2.00	901+0.000	435.969	435.694	0.274	4.000	435.889	-2.00	4.123	435.704	-150.00
-4.191	435.955	-150.00	-4.000	436.242	-2.00	902+0.000	436.322	435.981	0.341	4.000	436.242	-2.00	4.156	436.007	-150.00
-4.297	436.150	-150.00	-4.000	436.594	-2.00	903+0.000	436.674	436.175	0.499	4.000	436.594	-2.00	4.255	436.212	-150.00
-4.397	436.351	-150.00	-4.000	436.947	-2.00	904+0.000	437.027	436.418	0.610	4.000	436.947	-2.00	4.310	436.483	-150.00
-4.470	436.595	-150.00	-4.000	437.300	-2.00	905+0.000	437.380	436.687	0.693	4.000	437.300	-2.00	4.349	436.776	-150.00
-4.366	437.104	-150.00	-4.000	437.653	-2.00	906+0.000	437.733	437.222	0.511	4.000	437.653	-2.00	4.211	437.337	-150.00
-4.321	437.735	-150.00	-4.000	438.217	-2.00	907+0.000	438.297	437.854	0.443	4.000	438.217	-2.00	4.164	437.971	-150.00
-4.288	438.473	-150.00	-4.000	438.905	-2.00	908+0.000	438.985	438.581	0.404	4.000	438.905	-2.00	4.143	438.690	-150.00
-4.247	439.222	-150.00	-4.000	439.593	-2.00	909+0.000	439.673	439.292	0.381	4.000	439.593	-2.00	4.156	439.359	-150.00
-4.261	439.877	-150.00	-4.000	440.268	-2.00	910+0.000	440.348	439.946	0.403	4.000	440.268	-2.00	4.170	440.013	-150.00
-4.229	440.509	-150.00	-4.000	440.853	-2.00	911+0.000	440.933	440.582	0.351	4.000	440.853	-2.00	4.133	440.653	-150.00
-4.239	441.049	-150.00	-4.000	441.408	-2.00	912+0.000	441.488	441.112	0.376	4.000	441.408	-2.00	4.156	441.174	-150.00
-4.261	441.528	-150.00	-4.000	441.920	-2.00	913+0.000	442.000	441.558	0.442	4.000	441.920	-2.00	4.201	441.618	-150.00
-4.278	441.873	-150.00	-4.000	442.289	-2.00	914+0.000	442.369	441.870	0.499	4.000	442.289	-2.00	4.281	441.867	-150.00
-4.254	442.132	-150.00	-4.000	442.513	-2.00	915+0.000	442.593	442.120	0.473	4.000	442.513	-2.00	4.270	442.108	-150.00
-4.242	442.229	-150.00	-4.000	442.592	-2.00	916+0.000	442.672	442.228	0.444	4.000	442.592	-2.00	4.243	442.227	-150.00
-4.241	442.164	-150.00	-4.000	442.525	-2.00	917+0.000	442.605	442.151	0.454	4.000	442.525	-2.00	4.258	442.138	-150.00
-4.220	442.012	-150.00	-4.000	442.342	-2.00	918+0.000	442.422	442.050	0.372	4.000	442.342	-2.00	4.178	442.075	-150.00
-4.261	441.661	-150.00	-4.000	442.053	-2.00	919+0.000	442.133	441.697	0.436	4.000	442.053	-2.00	4.210	441.739	-150.00
-4.248	441.292	-150.00	-4.000	441.663	-2.00	920+0.000	441.743	441.325	0.419	4.000	441.663	-2.00	4.204	441.357	-150.00
-4.273	440.864	-150.00	-4.000	441.274	-2.00	921+0.000	441.354	440.903	0.451	4.000	441.274	-2.00	4.222	440.941	-150.00
-4.280	440.411	-150.00	-4.000	440.832	-2.00	922+0.000	440.912	440.463	0.449	4.000	440.832	-2.00	4.212	440.514	-150.00
-4.298	439.923	-150.00	-4.000	440.371	-2.00	923+0.000	440.451	440.006	0.445	4.000	440.371	-2.00	4.197	440.075	-150.00
-4.260	439.520	-150.00	-4.000	439.909	-2.00	924+0.000	439.989	439.512	0.478	4.000	439.909	-2.00	4.217	439.585	-150.00
-4.266	439.077	-150.00	-4.000	439.476	-2.00	925+0.000	439.556	439.088	0.468	4.000	439.476	-2.00	4.251	439.099	-150.00
-4.355	438.369	-150.00	-4.000	438.901	-2.00	926+0.000	438.981	438.437	0.543	4.000	438.901	-2.00	4.264	438.505	-150.00
-4.394	437.659	-150.00	-4.000	438.250	-2.00	927+0.000	438.330	437.771	0.559	4.000	438.250	-2.00	4.244	437.884	-150.00
-4.347	437.078	-150.00	-4.000	437.599	-2.00	928+0.000	437.679	437.223	0.456	4.000	437.599	-2.00	4.158	437.362	-150.00
-4.323	436.464	-150.00	-4.000	436.948	-2.00	929+0.000	437.028	436.566	0.462	4.000	436.948	-2.00	4.162	436.705	-150.00
-4.299	436.146	-150.00	-4.000	436.595	-2.00	930+0.000	436.675	436.234	0.441	4.000	436.595	-2.00	4.182	436.322	-150.00
-4.324	435.898	-150.00	-4.000	436.384	-2.00	931+0.000	436.464	436.003	0.461	4.000	436.384	-2.00	4.186	436.105	-150.00
-4.404	435.843	-150.00	-4.000	436.449	-2.00	932+0.000	436.529	435.936	0.592	4.000	436.449	-2.00	4.281	436.027	-150.00
-4.332	436.017	-150.00	-4.000	436.515	-2.00	933+0.000	436.595	436.125	0.470	4.000	436.515	-2.00	4.191	436.229	-150.00
-4.243	436.281	-150.00	-4.000	436.646	-2.00	934+0.000	436.726	436.304	0.422	4.000	436.646	-2.00	4.202	436.343	-150.00
-4.247	436.849	-150.00	-4.000	437.220	-2.00	935+0.000	437.300	436.894	0.406	4.000	437.220	-2.00	4.200	436.920	-150.00
-4.238	437.612	-150.00	-4.000	437.969	-2.00	936+0.000	438.049	437.646	0.403	4.000	437.969	-2.00	4.193	437.679	-150.00
-4.244	438.443	-150.00	-4.000	438.809	-2.00	937+0.000	438.889	438.480	0.408	4.000	438.809	-2.00	4.188	438.527	-150.00
-4.282	439.451	-150.00	-4.000	439.875	-2.00	938+0.000	439.955	439.504	0.451	4.000	439.875	-2.00	4.203	439.570	-150.00
-4.283	440.535	-150.00	-4.000	440.959	-2.00	939+0.000	441.039	440.623	0.416	4.000	440.959	-2.00	4.171	440.703	-150.00
-4.256	441.659	-150.00	-4.000	442.043	-2.00	940+0.000	442.123	441.717	0.406	4.000	442.043	-2.00	4.160	441.803	-150.00

Osvaldo Leôncio da Silva
Diretor de Projetos
Projetos e Obras
Secretaria de Infraestrutura

-4.245	442.682	-150.00	-4.000	443.050	-2.00	941+0.000	443.130	442.760	0.370	4.000	443.050	-2.00	4.143	442.836	-150.00
-4.165	443.655	-150.00	-4.000	443.902	-2.00	942+0.000	443.982	443.710	0.272	4.000	443.902	-2.00	4.092	443.763	-150.00
-4.264	444.345	-150.00	-4.000	444.741	-2.00	943+0.000	444.821	444.411	0.410	4.000	444.741	-2.00	4.176	444.477	-150.00
-4.258	444.833	-150.00	-4.000	445.219	-2.00	944+0.000	445.299	444.888	0.411	4.000	445.219	-2.00	4.185	444.942	-150.00
-4.274	445.108	-150.00	-4.000	445.519	-2.00	945+0.000	445.599	445.162	0.437	4.000	445.519	-2.00	4.202	445.216	-150.00
-4.266	445.287	-150.00	-4.000	445.686	-2.00	946+0.000	445.766	445.333	0.433	4.000	445.686	-2.00	4.198	445.389	-150.00
-4.268	445.599	-150.00	-4.000	446.002	-2.00	947+0.000	446.082	445.653	0.428	4.000	446.002	-2.00	4.200	445.702	-150.00
-4.381	446.047	-150.00	-4.000	446.619	-2.00	948+0.000	446.699	446.098	0.600	4.000	446.619	-2.00	4.314	446.149	-150.00
-4.357	446.706	-150.00	-4.000	447.242	-2.00	949+0.000	447.322	446.775	0.548	4.000	447.242	-2.00	4.267	446.842	-150.00
-4.305	447.408	-150.00	-4.000	447.866	-2.00	950+0.000	447.946	447.473	0.472	4.000	447.866	-2.00	4.219	447.538	-150.00
-4.305	448.032	-150.00	-4.000	448.489	-2.00	951+0.000	448.569	448.142	0.427	4.000	448.489	-2.00	4.187	448.209	-150.00
-4.301	448.442	-150.00	-4.000	448.894	-2.00	952+0.000	448.974	448.531	0.442	4.000	448.894	-2.00	4.184	448.618	-150.00
-4.300	448.671	-150.00	-4.000	449.122	-2.00	953+0.000	449.202	448.754	0.448	4.000	449.122	-2.00	4.191	448.835	-150.00
-4.280	448.641	-150.00	-4.000	449.060	-2.00	954+0.000	449.140	448.726	0.414	4.000	449.060	-2.00	4.165	448.812	-150.00
-4.262	448.599	-150.00	-4.000	448.993	-2.00	955+0.000	449.073	448.683	0.390	4.000	448.993	-2.00	4.152	448.765	-150.00
-4.273	448.516	-150.00	-4.000	448.925	-2.00	956+0.000	449.005	448.616	0.390	4.000	448.925	-2.00	4.152	448.697	-150.00
-4.299	448.409	-150.00	-4.000	448.858	-2.00	957+0.000	448.938	448.510	0.428	4.000	448.858	-2.00	4.167	448.608	-150.00
-4.295	448.487	-150.00	-4.000	448.930	-2.00	958+0.000	449.010	448.579	0.431	4.000	448.930	-2.00	4.174	448.669	-150.00
-4.328	448.719	-150.00	-4.000	449.211	-2.00	959+0.000	449.291	448.822	0.469	4.000	449.211	-2.00	4.192	448.922	-150.00
-4.331	448.995	-150.00	-4.000	449.491	-2.00	960+0.000	449.571	449.100	0.472	4.000	449.491	-2.00	4.193	449.202	-150.00
-4.300	449.362	-150.00	-4.000	449.812	-2.00	961+0.000	449.892	449.469	0.423	4.000	449.812	-2.00	4.154	449.581	-150.00
-4.278	449.902	-150.00	-4.000	450.319	-2.00	962+0.000	450.399	449.975	0.424	4.000	450.319	-2.00	4.172	450.061	-150.00
-4.302	450.286	-150.00	-4.000	450.739	-2.00	963+0.000	450.819	450.383	0.436	4.000	450.739	-2.00	4.174	450.478	-150.00
-4.296	450.618	-150.00	-4.000	451.062	-2.00	964+0.000	451.142	450.722	0.420	4.000	451.062	-2.00	4.160	450.823	-150.00
-4.315	450.813	-150.00	-4.000	451.285	-2.00	965+0.000	451.365	450.908	0.457	4.000	451.285	-2.00	4.187	451.005	-150.00
-4.303	450.912	-150.00	-4.000	451.366	-2.00	966+0.000	451.446	450.995	0.451	4.000	451.366	-2.00	4.194	451.076	-150.00
-4.299	450.791	-150.00	-4.000	451.240	-2.00	967+0.000	451.320	450.860	0.460	4.000	451.240	-2.00	4.203	450.935	-150.00
-4.321	450.528	-150.00	-4.000	451.010	-2.00	968+0.000	451.090	450.590	0.500	4.000	451.010	-2.00	4.240	450.650	-150.00
-4.333	450.259	-150.00	-4.000	450.759	-2.00	969+0.000	450.839	450.312	0.526	4.000	450.759	-2.00	4.262	450.365	-150.00
-4.294	450.067	-150.00	-4.000	450.507	-2.00	970+0.000	450.587	450.108	0.479	4.000	450.507	-2.00	4.239	450.148	-150.00
-4.266	450.085	-150.00	-4.000	450.484	-2.00	971+0.000	450.564	450.139	0.425	4.000	450.484	-2.00	4.195	450.191	-150.00
-4.233	450.377	-150.00	-4.000	450.726	-2.00	972+0.000	450.806	450.374	0.432	4.000	450.726	-2.00	4.206	450.417	-150.00
-4.235	450.798	-150.00	-4.000	451.151	-2.00	973+0.000	451.231	450.821	0.410	4.000	451.151	-2.00	4.205	450.843	-150.00
-4.223	451.261	-150.00	-4.000	451.595	-2.00	974+0.000	451.675	451.284	0.391	4.000	451.595	-2.00	4.192	451.306	-150.00
-4.259	451.633	-150.00	-4.000	452.021	-2.00	975+0.000	452.101	451.672	0.429	4.000	452.021	-2.00	4.207	451.711	-150.00
-4.277	451.852	-150.00	-4.000	452.267	-2.00	976+0.000	452.347	451.899	0.448	4.000	452.267	-2.00	4.215	451.945	-150.00
-4.261	451.979	-150.00	-4.000	452.371	-2.00	977+0.000	452.451	451.992	0.460	4.000	452.371	-2.00	4.233	452.022	-150.00
-4.271	451.852	-150.00	-4.000	452.258	-2.00	978+0.000	452.338	451.874	0.464	4.000	452.258	-2.00	4.242	451.895	-150.00
-4.283	451.721	-150.00	-4.000	452.145	-2.00	979+0.000	452.225	451.741	0.484	4.000	452.145	-2.00	4.256	451.761	-150.00
-4.340	451.522	-150.00	-4.000	452.032	-2.00	980+0.000	452.112	451.550	0.561	4.000	452.032	-2.00	4.300	451.582	-150.00
-4.280	451.498	-150.00	-4.000	451.918	-2.00	981+0.000	451.998	451.540	0.458	4.000	451.918	-2.00	4.226	451.579	-150.00
-4.270	451.560	-150.00	-4.000	451.965	-2.00	982+0.000	452.045	451.613	0.431	4.000	451.965	-2.00	4.196	451.671	-150.00
-4.261	451.772	-150.00	-4.000	452.164	-2.00	983+0.000	452.244	451.813	0.431	4.000	452.164	-2.00	4.204	451.857	-150.00
-4.276	451.949	-150.00	-4.000	452.363	-2.00	984+0.000	452.443	452.004	0.438	4.000	452.363	-2.00	4.202	452.059	-150.00
-4.289	451.986	-150.00	-4.000	452.419	-2.00	985+0.000	452.499	452.051	0.448	4.000	452.419	-2.00	4.222	452.087	-150.00
-4.221	451.789	-150.00	-4.000	452.121	-2.00	986+0.000	452.201	451.842	0.359	4.000	452.121	-2.00	4.151	451.894	-150.00
-4.248	451.419	-150.00	-4.000	451.791	-2.00	987+0.000	451.871	451.472	0.399	4.000	451.791	-2.00	4.178	451.524	-150.00
-4.275	451.067	-150.00	-4.000	451.480	-2.00	988+0.000	451.560	451.116	0.444	4.000	451.480	-2.00	4.210	451.166	-150.00
-4.266	450.819	-150.00	-4.000	451.217	-2.00	989+0.000	451.297	450.867	0.430	4.000	451.217	-2.00	4.202	450.915	-150.00
-4.270	450.550	-150.00	-4.000	450.955	-2.00	990+0.000	451.035	450.581	0.454	4.000	450.955	-2.00	4.224	450.619	-150.00
-4.258	450.304	-150.00	-4.000	450.692	-2.00	991+0.000	450.772	450.331	0.441	4.000	450.692	-2.00	4.223	450.358	-150.00
-4.256	450.045	-150.00	-4.000	450.429	-2.00	992+0.000	450.509	450.066	0.443	4.000	450.429	-2.00	4.228	450.087	-150.00
-4.219	449.838	-150.00	-4.000	450.166	-2.00	993+0.000	450.246	449.837	0.409	4.000	450.166	-2.00	4.220	449.835	-150.00
-4.242	449.456	-150.00	-4.000	449.818	-2.00	994+0.000	449.898	449.428	0.471	4.000	449.818	-2.00	4.279	449.400	-150.00
-4.195	448.650	-150.00	-4.000	448.943	-2.00	995+0.000	449.023	448.608	0.414	4.000	448.943	-2.00	4.251	448.566	-150.00
-4.171	447.790	-150.00	-4.000	448.048	-2.00	996+0.000	448.128	447.727	0.401	4.000	448.048	-2.00	4.257	447.662	-150.00
-4.208	446.840	-150.00	-4.000	447.153	-2.00	997+0.000	447.233	446.773	0.460	4.000	447.153	-2.00	4.299	446.705	-150.00
-4.216	445.927	-150.00	-4.000	446.252	-2.00	998+0.000	446.332	445.868	0.464	4.000	446.252	-2.00	4.291	445.814	-150.00
-4.100	445.191	-150.00	-4.000	445.341	-2.00	999+0.000	445.421	445.123	0.298	4.000	445.341	-2.00	4.191	445.054	-150.00
-4.128	444.546	-150.00	-4.000	444.739	-2.00	1000+0.000	444.819	444.478	0.340	4.000	444.739	-2.00	4.210	444.423	-150.00
-4.205	443.872	-150.00	-4.000	444.180	-2.00	1001+0.000	444.260	443.823	0.437	4.000	444.180	-2.00	4.272	443.771	-150.00
-4.328	443.129	-150.00	-4.000	443.621	-2.00	1002+0.000	443.701	443.078	0.623	4.000	443.621	-2.00	4.395	443.028	-150.00
-4.389	442.477	-150.00	-4.000	443.062	-2.00	1003+0.000	443.142	442.455	0.686	4.000	443.062	-2.00	4.418	442.434	-150.00
-4.405	441.896	-150.00	-4.000	442.503	-2.00	1004+0.000	442.583	441.872	0.711	4.000	442.503	-2.00	4.436	441.848	-150.00
-4.362	441.458	-150.00	-4.000	442.001	-2.00	1005+0.000	442.081	441.533	0.548	4.000	442.001	-2.00	4.263	441.606	-150.00
-4.309	441.351	-150.00	-4.000	441.815	-2.00	1006+0.000	441.895	441.411	0.484	4.000	441.815	-2.00	4.215	441.492	-150.00
-4.227	441.634	-150.00	-4.000	441.976	-2.00	1007+0.000	442.056	441.684	0.372	4.000	441.976	-2.00	4.148	441.753	-150.00
-4.275	442.049	-150.00	-4.000	442.462	-2.00	1008+0.000	442.542	442.099	0.443	4.000	442.462	-2.00	4.205	442.155	-150.00
-4.224	442.685	-150.00	-4.000	443.021	-2.00	1009+0.000	443.101	442.659	0.442	4.000	443.021	-2.00	4.258	442.633	-150.00
-4.242	443.057	-150.00	-4.000	443.421	-2.00	1010+0.000	443.501	443.062	0.439	4.000	443.421	-2.00	4.230	443.075	-150.00
-4.232	443.431	-150.00	-4.000	443.779	-2.00	1011+0.000	443.859	443.413	0.446	4.000	443.779	-2.00	4.244	443.412	-150.00
-4.275	443.448	-150.00	-4.000	443.861	-2.00	1012+0.000	443.941	443.470	0.471	4.000	443.861	-2.00	4.238	443.503	-150.00
-4.262	443.448	-150.00	-4.000	443.841	-2.00	1013+0.000	443.921	443.472	0.450	4.000	443.841	-2.00	4.229	443.497	-150.00
-4.323	443.337	-150.00	-4.000	443.822	-2.00	1014+0.000	443.902	443.404	0.498	4.000	443.822	-2.00	4.235	443.469	-150.00
-4.323	443.317	-150.00	-4.000	443.802	-2.00	1015+0.000	443.882	443.382	0.500	4.000	443.802	-2.00	4.236	443.448	-150.00
-4.259	443.393	-150.00	-4.000	443.781	-2.00	1016+0.000	443.861	443.467	0.394	4.000	443.781	-2.00	4.161	443.539	-150.00
-4.191	443.464	-150.00	-4.000	443.750	-2.00	1017+0.000	443.830	443.539	0.291	4.000	443.750	-2.00	4.092	443.612	-150.00
-4.244	443.353	-150.00	-4.000	443.720	-2.00	1018+0.000	443.800	443.439	0.361	4.000	443.720	-2.00	4.128	443.528	-150.00
-4.283	443.265	-150.00	-4.000	443.690	-2.00	1019+0.000	443.770	443.354	0.415	4.000	443.690	-2.00	4.160	443.449	-150.00

Osvaldo Leoncio de [illegible] Filho
Diretor da Diretoria de [illegible]
Projetos e Obras - DPO
Secretaria das Cidades - Sedigi

-4.309	443.109	-150.00	-4.000	443.573	-2.00	1020-0.000	443.653	443.234	0.419	4.000	443.573	-2.00	4.129	443.380	-150.00
-4.260	442.945	-150.00	-4.000	443.334	-2.00	1021+0.000	443.414	443.098	0.316	4.000	443.334	-2.00	4.060	443.245	-150.00
-4.374	442.491	-150.00	-4.000	443.051	-2.00	1022+0.000	443.131	442.640	0.492	4.000	443.051	-2.00	4.156	442.818	-150.00
-4.399	442.086	-150.00	-4.000	442.685	-2.00	1023+0.000	442.765	442.244	0.520	4.000	442.685	-2.00	4.155	442.452	-150.00
-4.395	441.696	-150.00	-4.000	442.288	-2.00	1024+0.000	442.368	441.871	0.497	4.000	442.288	-2.00	4.144	442.073	-150.00
-4.368	441.214	-150.00	-4.000	441.766	-2.00	1025+0.000	441.846	441.381	0.464	4.000	441.766	-2.00	4.140	441.555	-150.00
-4.341	440.585	-150.00	-4.000	441.097	-2.00	1026+0.000	441.177	440.723	0.454	4.000	441.097	-2.00	4.161	440.855	-150.00
-4.301	439.935	-150.00	-4.000	440.387	-2.00	1027+0.000	440.467	440.017	0.450	4.000	440.387	-2.00	4.155	440.154	-150.00
-4.301	439.278	-150.00	-4.000	439.729	-2.00	1028+0.000	439.809	439.344	0.466	4.000	439.729	-2.00	4.184	439.454	-150.00
-4.298	438.927	-150.00	-4.000	439.374	-2.00	1029+0.000	439.454	438.980	0.473	4.000	439.374	-2.00	4.227	439.033	-150.00
-4.291	438.662	-150.00	-4.000	439.099	-2.00	1030+0.000	439.179	438.707	0.473	4.000	439.099	-2.00	4.233	438.750	-150.00
-4.237	438.520	-150.00	-4.000	438.876	-2.00	1031+0.000	438.956	438.510	0.446	4.000	438.876	-2.00	4.237	438.520	-150.00
-4.325	438.475	-150.00	-4.000	438.962	-2.00	1032+0.000	439.042	438.510	0.533	4.000	438.962	-2.00	4.267	438.562	-150.00
-4.358	438.654	-150.00	-4.000	439.192	-2.00	1033+0.000	439.272	438.640	0.631	4.000	439.192	-2.00	4.370	438.637	-150.00
-4.337	439.086	-150.00	-4.000	439.592	-2.00	1034+0.000	439.672	439.052	0.620	4.000	439.592	-2.00	4.382	439.019	-150.00
-4.305	439.722	-150.00	-4.000	440.180	-2.00	1035+0.000	440.260	439.665	0.595	4.000	440.180	-2.00	4.382	439.608	-150.00
-4.271	440.435	-150.00	-4.000	440.842	-2.00	1036+0.000	440.922	440.354	0.568	4.000	440.842	-2.00	4.372	440.284	-150.00
-4.194	441.212	-150.00	-4.000	441.503	-2.00	1037+0.000	441.583	441.125	0.458	4.000	441.503	-2.00	4.312	441.035	-150.00
-4.198	441.840	-150.00	-4.000	442.137	-2.00	1038+0.000	442.217	441.780	0.437	4.000	442.137	-2.00	4.278	441.720	-150.00
-4.208	442.340	-150.00	-4.000	442.651	-2.00	1039+0.000	442.731	442.242	0.489	4.000	442.651	-2.00	4.313	442.181	-150.00
-4.261	442.774	-150.00	-4.000	443.166	-2.00	1040+0.000	443.246	442.693	0.552	4.000	443.166	-2.00	4.370	442.611	-150.00
-4.316	443.205	-150.00	-4.000	443.680	-2.00	1041+0.000	443.760	443.128	0.632	4.000	443.680	-2.00	4.422	443.048	-150.00
-4.368	443.643	-150.00	-4.000	444.194	-2.00	1042+0.000	444.274	443.572	0.702	4.000	444.194	-2.00	4.463	443.501	-150.00
-4.352	444.182	-150.00	-4.000	444.709	-2.00	1043+0.000	444.789	444.106	0.682	4.000	444.709	-2.00	4.453	444.029	-150.00
-4.318	444.747	-150.00	-4.000	445.223	-2.00	1044+0.000	445.303	444.650	0.653	4.000	445.223	-2.00	4.452	444.545	-150.00
-4.277	445.323	-150.00	-4.000	445.738	-2.00	1045+0.000	445.818	445.220	0.597	4.000	445.738	-2.00	4.417	445.112	-150.00
-4.233	445.903	-150.00	-4.000	446.252	-2.00	1046+0.000	446.332	445.801	0.531	4.000	446.252	-2.00	4.370	445.697	-150.00
-4.190	446.481	-150.00	-4.000	446.766	-2.00	1047+0.000	446.846	446.381	0.465	4.000	446.766	-2.00	4.326	446.278	-150.00
-4.160	447.025	-150.00	-4.000	447.265	-2.00	1048+0.000	447.345	446.914	0.431	4.000	447.265	-2.00	4.310	446.801	-150.00
-4.160	447.480	-150.00	-4.000	447.721	-2.00	1049+0.000	447.801	447.365	0.436	4.000	447.721	-2.00	4.317	447.245	-150.00
-4.172	447.823	-150.00	-4.000	448.081	-2.00	1050+0.000	448.161	447.713	0.448	4.000	448.081	-2.00	4.321	447.599	-150.00
-4.194	448.145	-150.00	-4.000	448.436	-2.00	1051+0.000	448.516	448.039	0.477	4.000	448.436	-2.00	4.335	447.935	-150.00
-4.208	448.480	-150.00	-4.000	448.792	-2.00	1052+0.000	448.872	448.384	0.488	4.000	448.792	-2.00	4.339	448.284	-150.00
-4.196	448.853	-150.00	-4.000	449.148	-2.00	1053+0.000	449.228	448.754	0.473	4.000	449.148	-2.00	4.331	448.651	-150.00
-4.175	449.241	-150.00	-4.000	449.503	-2.00	1054+0.000	449.583	449.144	0.439	4.000	449.503	-2.00	4.306	449.045	-150.00
-4.150	449.392	-150.00	-4.000	449.618	-2.00	1055+0.000	449.698	449.294	0.403	4.000	449.618	-2.00	4.297	449.172	-150.00
-4.064	449.330	-150.00	-4.000	449.427	-2.00	1056+0.000	449.507	449.201	0.305	4.000	449.427	-2.00	4.240	449.067	-150.00
-4.120	449.056	-150.00	-4.000	449.236	-2.00	1057+0.000	449.316	448.925	0.391	4.000	449.236	-2.00	4.299	448.788	-150.00
-4.156	448.811	-150.00	-4.000	449.045	-2.00	1058+0.000	449.125	448.673	0.452	4.000	449.045	-2.00	4.345	448.528	-150.00
-4.274	448.551	-150.00	-4.000	448.962	-2.00	1059+0.000	449.042	448.454	0.588	4.000	448.962	-2.00	4.403	448.358	-150.00
-4.348	448.569	-150.00	-4.000	449.091	-2.00	1060+0.000	449.171	448.519	0.652	4.000	449.091	-2.00	4.415	448.469	-150.00
-4.453	448.709	-150.00	-4.000	449.389	-2.00	1061+0.000	449.469	448.652	0.817	4.000	449.389	-2.00	4.530	448.595	-150.00
-4.496	448.957	-150.00	-4.000	449.701	-2.00	1062+0.000	449.781	448.913	0.868	4.000	449.701	-2.00	4.555	448.869	-150.00
-4.439	449.354	-150.00	-4.000	450.012	-2.00	1063+0.000	450.092	449.302	0.790	4.000	450.012	-2.00	4.478	449.295	-150.00
-4.331	449.827	-150.00	-4.000	450.324	-2.00	1064+0.000	450.404	449.843	0.561	4.000	450.324	-2.00	4.310	449.859	-150.00
-4.254	450.255	-150.00	-4.000	450.635	-2.00	1065+0.000	450.715	450.283	0.432	4.000	450.635	-2.00	4.229	450.292	-150.00
-4.225	450.331	-150.00	-4.000	450.668	-2.00	1066+0.000	450.748	450.346	0.402	4.000	450.668	-2.00	4.205	450.361	-150.00
-4.293	450.236	-150.00	-4.000	450.676	-2.00	1067+0.000	450.756	450.252	0.504	4.000	450.676	-2.00	4.285	450.249	-150.00
-4.267	449.886	-150.00	-4.000	450.287	-2.00	1068+0.000	450.367	449.902	0.465	4.000	450.287	-2.00	4.246	449.919	-150.00
-4.268	449.469	-150.00	-4.000	449.871	-2.00	1069+0.000	449.951	449.510	0.442	4.000	449.871	-2.00	4.214	449.550	-150.00
-4.250	449.211	-150.00	-4.000	449.585	-2.00	1070+0.000	449.665	449.253	0.413	4.000	449.585	-2.00	4.198	449.289	-150.00
-4.253	448.920	-150.00	-4.000	449.300	-2.00	1071+0.000	449.380	448.953	0.427	4.000	449.300	-2.00	4.210	448.985	-150.00
-4.251	448.637	-150.00	-4.000	449.014	-2.00	1072+0.000	449.094	448.656	0.438	4.000	449.014	-2.00	4.220	448.683	-150.00
-4.252	448.350	-150.00	-4.000	448.728	-2.00	1073+0.000	448.808	448.371	0.438	4.000	448.728	-2.00	4.225	448.391	-150.00
-4.222	448.109	-150.00	-4.000	448.442	-2.00	1074+0.000	448.522	448.102	0.421	4.000	448.442	-2.00	4.232	448.094	-150.00
-4.233	447.807	-150.00	-4.000	448.157	-2.00	1075+0.000	448.237	447.789	0.447	4.000	448.157	-2.00	4.242	447.794	-150.00
-4.183	447.457	-150.00	-4.000	447.731	-2.00	1076+0.000	447.811	447.439	0.371	4.000	447.731	-2.00	4.209	447.417	-150.00
-4.079	447.125	-150.00	-4.000	447.244	-2.00	1077+0.000	447.324	447.052	0.272	4.000	447.244	-2.00	4.141	447.032	-150.00
-4.094	446.616	-150.00	-4.000	446.757	-2.00	1078+0.000	446.837	446.578	0.259	4.000	446.757	-2.00	4.139	446.548	-150.00
-4.147	446.049	-150.00	-4.000	446.270	-2.00	1079+0.000	446.350	445.914	0.436	4.000	446.270	-2.00	4.331	445.773	-150.00
-4.151	445.464	-150.00	-4.000	445.691	-2.00	1080+0.000	445.771	445.329	0.442	4.000	445.691	-2.00	4.335	445.188	-150.00
-4.178	444.822	-150.00	-4.000	445.089	-2.00	1081+0.000	445.169	444.687	0.482	4.000	445.089	-2.00	4.366	444.540	-150.00
-4.184	444.211	-150.00	-4.000	444.487	-2.00	1082+0.000	444.567	444.071	0.495	4.000	444.487	-2.00	4.368	443.935	-150.00
-4.202	443.581	-150.00	-4.000	443.885	-2.00	1083+0.000	443.965	443.426	0.539	4.000	443.885	-2.00	4.395	443.292	-150.00
-4.174	443.021	-150.00	-4.000	443.283	-2.00	1084+0.000	443.363	442.822	0.541	4.000	443.283	-2.00	4.412	442.665	-150.00
-4.163	442.435	-150.00	-4.000	442.681	-2.00	1085+0.000	442.761	442.261	0.500	4.000	442.681	-2.00	4.395	442.088	-150.00
-4.167	441.806	-150.00	-4.000	442.057	-2.00	1086+0.000	442.137	441.653	0.484	4.000	442.057	-2.00	4.375	441.495	-150.00
-4.133	441.145	-150.00	-4.000	441.345	-2.00	1087+0.000	441.425	441.051	0.374	4.000	441.345	-2.00	4.261	440.953	-150.00
-4.027	440.651	66.67	-4.000	440.633	-2.00	1088+0.000	440.713	440.562	0.151	4.000	440.633	-2.00	4.107	440.472	-150.00
-4.106	439.992	66.67	-4.000	439.921	-2.00	1089+0.000	440.001	439.929	0.073	4.000	439.921	-2.00	4.037	439.866	-150.00
-4.075	439.260	66.67	-4.000	439.210	-2.00	1090+0.000	439.290	439.194	0.096	4.000	439.210	-2.00	4.015	439.187	-150.00
-4.021	438.466	-150.00	-4.000	438.498	-2.00	1091+0.000	438.578	438.356	0.222	4.000	438.498	-2.00	4.120	438.318	-150.00
-4.131	437.590	-150.00	-4.000	437.786	-2.00	1092+0.000	437.866	437.515	0.351	4.000	437.786	-2.00	4.232	437.439	-150.00
-4.210	436.760	-150.00	-4.000	437.075	-2.00	1093+0.000	437.155	436.685	0.470	4.000	437.075	-2.00	4.311	436.608	-150.00
-4.322	435.596	-150.00	-4.000	436.080	-2.00	1094+0.000	436.160	435.595	0.564	4.000	436.080	-2.00	4.324	435.594	-150.00
-4.271	434.629	-150.00	-4.000	435.035	-2.00	1095+0.000	435.115	434.662	0.453	4.000	435.035	-2.00	4.227	434.695	-150.00
-4.313	433.906	-150.00	-4.000	434.376	-2.00	1096+0.000	434.456	433.996	0.460	4.000	434.376	-2.00	4.195	434.083	-150.00
-4.399	433.623	-150.00	-4.000	434.221	-2.00	1097+0.000	434.301	433.584	0.717	4.000	434.221	-2.00	4.362	433.679	-150.00
-4.278	433.650	-150.00	-4.000	434.067	-2.00	1098+0.000	434.147	433.637	0.510	4.000	434.067	-2.00	4.295	433.624	-150.00



-4.234	433.744	-150.00	-4.000	434.094	-2.00	1099+0.000	434.174	433.747	0.427	4.000	434.094	-2.00	4.225	433.757	-150.00
-4.249	433.972	-150.00	-4.000	434.345	-2.00	1100+0.000	434.425	433.982	0.443	4.000	434.345	-2.00	4.236	433.991	-150.00
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-4.198	435.166	-150.00	-4.000	435.463	-2.00	1107+0.000	435.543	435.126	0.417	4.000	435.463	-2.00	4.250	435.088	-150.00
-4.209	435.713	-150.00	-4.000	436.027	-2.00	1108+0.000	436.107	435.682	0.426	4.000	436.027	-2.00	4.255	435.645	-150.00
-4.221	436.260	-150.00	-4.000	436.592	-2.00	1109+0.000	436.672	436.234	0.438	4.000	436.592	-2.00	4.254	436.210	-150.00
-4.198	436.859	-150.00	-4.000	437.156	-2.00	1110+0.000	437.236	436.825	0.411	4.000	437.156	-2.00	4.244	436.790	-150.00
-4.141	437.502	-150.00	-4.000	437.713	-2.00	1111+0.000	437.793	437.473	0.319	4.000	437.713	-2.00	4.179	437.445	-150.00
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-4.143	443.362	-150.00	-4.000	443.577	-2.00	1122+0.000	443.657	443.336	0.321	4.000	443.577	-2.00	4.179	443.309	-150.00
-4.077	444.020	-150.00	-4.000	444.136	-2.00	1123+0.000	444.216	443.992	0.224	4.000	444.136	-2.00	4.126	443.947	-150.00
-4.102	444.542	-150.00	-4.000	444.695	-2.00	1124+0.000	444.775	444.478	0.297	4.000	444.695	-2.00	4.189	444.412	-150.00
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-4.201	445.140	-150.00	-4.000	445.443	-2.00	1126+0.000	445.523	445.082	0.440	4.000	445.443	-2.00	4.280	445.023	-150.00
-4.184	445.285	-150.00	-4.000	445.560	-2.00	1127+0.000	445.640	445.221	0.420	4.000	445.560	-2.00	4.267	445.160	-150.00
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-4.172	446.255	-150.00	-4.000	446.513	-2.00	1132+0.000	446.593	446.170	0.423	4.000	446.513	-2.00	4.286	446.084	-150.00
-4.175	446.662	-150.00	-4.000	446.925	-2.00	1133+0.000	447.005	446.584	0.421	4.000	446.925	-2.00	4.281	446.503	-150.00
-4.229	447.272	-150.00	-4.000	447.615	-2.00	1134+0.000	447.695	447.202	0.493	4.000	447.615	-2.00	4.329	447.122	-150.00
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-4.254	450.056	-150.00	-4.000	450.437	-2.00	1138+0.000	450.517	450.081	0.436	4.000	450.437	-2.00	4.255	450.055	-150.00
-4.335	450.306	-150.00	-4.000	450.809	-2.00	1139+0.000	450.889	450.353	0.536	4.000	450.809	-2.00	4.273	450.400	-150.00
-4.303	450.723	-150.00	-4.000	451.178	-2.00	1140+0.000	451.258	450.806	0.452	4.000	451.178	-2.00	4.193	450.889	-150.00
-4.290	451.171	-150.00	-4.000	451.606	-2.00	1141+0.000	451.686	451.256	0.430	4.000	451.606	-2.00	4.168	451.355	-150.00
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-4.372	457.997	-150.00	-4.000	458.555	-2.00	1156+0.000	458.635	458.172	0.463	4.000	458.555	-2.00	4.145	458.337	-150.00
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Osvaldo Leoncio da
Diretor do Departamento
Projetos e Obras
Secretaria das Obras Especiais

-4.293	444.890	-150.00	-4.000	445.329	-2.00	1178+0.000	445.409	444.931	0.478	4.000	445.329	-2.00	4.208	445.017	-150.00
-4.301	444.058	-150.00	-4.000	444.511	-2.00	1179+0.000	444.591	444.108	0.482	4.000	444.511	-2.00	4.201	444.209	-150.00
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-4.217	442.752	-150.00	-4.000	443.078	-2.00	1202+0.000	443.158	442.679	0.478	4.000	443.078	-2.00	4.315	442.606	-150.00
-4.184	443.390	-150.00	-4.000	443.666	-2.00	1203+0.000	443.746	443.319	0.427	4.000	443.666	-2.00	4.276	443.252	-150.00
-4.065	444.213	-150.00	-4.000	444.311	-2.00	1204+0.000	444.391	444.068	0.323	4.000	444.311	-2.00	4.263	443.916	-150.00
-4.026	444.916	-150.00	-4.000	444.955	-2.00	1205+0.000	445.035	444.787	0.248	4.000	444.955	-2.00	4.202	444.652	-150.00
-4.070	445.495	-150.00	-4.000	445.599	-2.00	1206+0.000	445.679	445.351	0.328	4.000	445.599	-2.00	4.266	445.200	-150.00
-4.132	446.046	-150.00	-4.000	446.244	-2.00	1207+0.000	446.324	445.903	0.420	4.000	446.244	-2.00	4.326	445.754	-150.00
-4.075	446.583	-150.00	-4.000	446.694	-2.00	1208+0.000	446.774	446.438	0.337	4.000	446.694	-2.00	4.298	446.247	-150.00
-4.061	447.047	-150.00	-4.000	447.138	-2.00	1209+0.000	447.218	446.879	0.339	4.000	447.138	-2.00	4.291	446.702	-150.00
-4.069	447.478	-150.00	-4.000	447.581	-2.00	1210+0.000	447.661	447.312	0.350	4.000	447.581	-2.00	4.297	447.135	-150.00
-4.098	447.878	-150.00	-4.000	448.025	-2.00	1211+0.000	448.105	447.720	0.385	4.000	448.025	-2.00	4.314	447.554	-150.00
-4.134	448.268	-150.00	-4.000	448.469	-2.00	1212+0.000	448.549	448.126	0.423	4.000	448.469	-2.00	4.328	447.977	-150.00
-4.123	448.755	-150.00	-4.000	448.939	-2.00	1213+0.000	449.019	448.615	0.404	4.000	448.939	-2.00	4.282	448.515	-150.00
-4.050	449.295	-150.00	-4.000	449.371	-2.00	1214+0.000	449.451	449.203	0.248	4.000	449.371	-2.00	4.175	449.108	-150.00
-4.035	449.750	-150.00	-4.000	449.803	-2.00	1215+0.000	449.883	449.671	0.212	4.000	449.803	-2.00	4.141	449.591	-150.00
-4.070	450.131	-150.00	-4.000	450.235	-2.00	1216+0.000	450.315	450.051	0.265	4.000	450.235	-2.00	4.179	449.968	-150.00
-4.133	450.469	-150.00	-4.000	450.668	-2.00	1217+0.000	450.748	450.389	0.358	4.000	450.668	-2.00	4.240	450.308	-150.00
-4.182	450.832	-150.00	-4.000	451.104	-2.00	1218+0.000	451.184	450.758	0.426	4.000	451.104	-2.00	4.250	450.729	-150.00
-4.311	451.261	-150.00	-4.000	451.727	-2.00	1219+0.000	451.807	451.231	0.576	4.000	451.727	-2.00	4.351	451.201	-150.00
-4.312	451.901	-150.00	-4.000	452.368	-2.00	1220+0.000	452.448	451.901	0.547	4.000	452.368	-2.00	4.335	451.865	-150.00
-4.303	452.555	-150.00	-4.000	453.009	-2.00	1221+0.000	453.089	452.549	0.540	4.000	453.009	-2.00	4.311	452.543	-150.00
-4.252	453.271	-150.00	-4.000	453.649	-2.00	1222+0.000	453.729	453.284	0.446	4.000	453.649	-2.00	4.248	453.278	-150.00
-4.267	453.771	-150.00	-4.000	454.171	-2.00	1223+0.000	454.251	453.819	0.432	4.000	454.171	-2.00	4.201	453.869	-150.00
-4.270	454.183	-150.00	-4.000	454.588	-2.00	1224+0.000	454.668	454.239	0.430	4.000	454.588	-2.00	4.199	454.289	-150.00
-4.280	454.351	-150.00	-4.000	454.771	-2.00	1225+0.000	454.851	454.428	0.423	4.000	454.771	-2.00	4.179	454.503	-150.00
-4.268	454.473	-150.00	-4.000	454.875	-2.00	1226+0.000	454.955	454.557	0.398	4.000	454.875	-2.00	4.158	454.638	-150.00
-4.298	454.530	-150.00	-4.000	454.978	-2.00	1227+0.000	455.058	454.614	0.444	4.000	454.978	-2.00	4.188	454.696	-150.00
-4.305	454.623	-150.00	-4.000	455.081	-2.00	1228+0.000	455.161	454.705	0.457	4.000	455.081	-2.00	4.186	454.803	-150.00
-4.297	454.764	-150.00	-4.000	455.210	-2.00	1229-0.000	455.290	454.863	0.427	4.000	455.210	-2.00	4.168	454.958	-150.00
-4.315	455.059	-150.00	-4.000	455.531	-2.00	1230-0.000	455.611	455.159	0.452	4.000	455.531	-2.00	4.184	455.256	-150.00
-4.331	455.366	-150.00	-4.000	455.863	-2.00	1231+0.000	455.943	455.465	0.478	4.000	455.863	-2.00	4.201	455.561	-150.00
-4.341	455.684	-150.00	-4.000	456.195	-2.00	1232+0.000	456.275	455.781	0.495	4.000	456.195	-2.00	4.213	455.876	-150.00
-4.313	456.057	-150.00	-4.000	456.527	-2.00	1233+0.000	456.607	456.151	0.456	4.000	456.527	-2.00	4.189	456.243	-150.00
-4.303	456.395	-150.00	-4.000	456.850	-2.00	1234+0.000	456.930	456.496	0.434	4.000	456.850	-2.00	4.171	456.594	-150.00
-4.306	456.685	-150.00	-4.000	457.144	-2.00	1235+0.000	457.224	456.779	0.445	4.000	457.144	-2.00	4.183	456.870	-150.00
-4.268	456.796	-150.00	-4.000	457.198	-2.00	1236+0.000	457.278	456.889	0.389	4.000	457.198	-2.00	4.140	456.989	-150.00
-4.199	456.808	-150.00	-4.000	457.106	-2.00	1237+0.000	457.186	456.923	0.263	4.000	457.106	-2.00	4.048	457.034	-150.00
-4.314	456.543	-150.00	-4.000	457.015	-2.00	1238+0.000	457.095	456.667	0.427	4.000	457.015	-2.00	4.155	456.783	-150.00
-4.394	456.152	-150.00	-4.000	456.744	-2.00	1239+0.000	456.824	456.290	0.534	4.000	456.744	-2.00	4.216	456.420	-150.00
-4.495	455.669	-150.00	-4.000	456.412	-2.00	1240+0.000	456.492	455.812	0.680	4.000	456.412	-2.00	4.312	455.944	-150.00
-4.658	455.093	-150.00	-4.000	456.080	-2.00	1241+0.000	456.160	455.236	0.924	4.000	456.080	-2.00	4.470	455.374	-150.00
-4.795	454.555	-150.00	-4.000	455.748	-2.00	1242+0.000	455.828	454.696	1.131	4.000	455.748	-2.00	4.610	454.833	-150.00
-4.942	454.003	-150.00	-4.000	455.416	-2.00	1243+0.000	455.496	454.140	1.356	4.000	455.416	-2.00	4.762	454.273	-150.00
-4.942	453.671	-150.00	-4.000	455.084	-2.00	1244+0.000	455.164	453.801	1.363	4.000	455.084	-2.00	4.752	453.956	-150.00
-4.887	453.421	-150.00	-4.000	454.752	-2.00	1245+0.000	454.832	453.576	1.256	4.000	454.752	-2.00	4.685	453.725	-150.00
-4.777	453.254	-150.00	-4.000	454.420	-2.00	1246+0.000	454.500	453.406	1.094	4.000	454.420	-2.00	4.579	453.551	-150.00
-4.599	453.189	-150.00	-4.000	454.088	-2.00	1247+0.000	454.168	453.324	0.844	4.000	454.088	-2.00	4.423	453.454	-150.00
-4.365	453.209	-150.00	-4.000	453.756	-2.00	1248+0.000	453.836	453.329	0.507	4.000	453.756	-2.00	4.212	453.438	-150.00
-4.257	452.941	-150.00	-4.000	453.327	-2.00	1249+0.000	453.407	453.034	0.374	4.000	453.327	-2.00	4.143	453.112	-150.00
-4.100	452.552	-150.00	-4.000	452.702	-2.00	1250+0.000	452.782	452.612	0.170	4.000	452.702	-2.00	4.020	452.672	-150.00
-4.006	452.068	-150.00	-4.000	452.076	-2.00	1251+0.000	452.156	452.112	0.045	4.000	452.076	-2.00	4.120	452.156	66.67
-4.018	451.425	-150.00	-4.000	451.451	-2.00	1252+0.000	451.531	451.465	0.066	4.000	451.451	-2.00	4.082	451.506	66.67
-4.080	450.706	-150.00	-4.000	450.825	-2.00	1253+0.000	450.905	450.748	0.157	4.000	450.825	-2.00	4.023	450.790	-150.00
-4.155	449.967	-150.00	-4.000	450.200	-2.00	1254+0.000	450.280	450.000	0.280	4.000	450.200	-2.00	4.131	450.004	-150.00
-4.229	449.231	-150.00	-4.000	449.574	-2.00	1255+0.000	449.654	449.228	0.426	4.000	449.574	-2.00	4.232	449.227	-150.00
-4.306	448.490	-150.00	-4.000	448.949	-2.00	1256+0.000	449.029	448.483	0.546	4.000	448.949	-2.00	4.313	448.480	-150.00

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Secretaria das

-4.316	447.911	-150.00	-4.000	448.386	-2.00	1257+0.000	448.466	447.907	0.559	4.000	448.386	-2.00	4.322	447.903	-150.00
-4.301	447.471	-150.00	-4.000	447.923	-2.00	1258+0.000	448.003	447.455	0.547	4.000	447.923	-2.00	4.322	447.440	-150.00
-4.241	447.123	-150.00	-4.000	447.484	-2.00	1259+0.000	447.564	447.110	0.455	4.000	447.484	-2.00	4.255	447.101	-150.00
-4.184	446.770	-150.00	-4.000	447.046	-2.00	1260+0.000	447.126	446.781	0.345	4.000	447.046	-2.00	4.169	446.792	-150.00
-4.130	446.413	-150.00	-4.000	446.607	-2.00	1261+0.000	446.687	446.428	0.259	4.000	446.607	-2.00	4.109	446.444	-150.00
-4.141	445.957	-150.00	-4.000	446.169	-2.00	1262+0.000	446.249	445.960	0.289	4.000	446.169	-2.00	4.137	445.963	-150.00
-4.207	445.419	-150.00	-4.000	445.730	-2.00	1263+0.000	445.810	445.422	0.388	4.000	445.730	-2.00	4.203	445.425	-150.00
-4.258	444.888	-150.00	-4.000	445.275	-2.00	1264+0.000	445.355	444.891	0.464	4.000	445.275	-2.00	4.244	444.909	-150.00
-4.314	444.235	-150.00	-4.000	444.707	-2.00	1265+0.000	444.787	444.260	0.527	4.000	444.707	-2.00	4.281	444.285	-150.00
-4.336	443.633	-150.00	-4.000	444.137	-2.00	1266+0.000	444.217	443.652	0.566	4.000	444.137	-2.00	4.312	443.670	-150.00
-4.325	443.081	-150.00	-4.000	443.568	-2.00	1267+0.000	443.648	443.101	0.547	4.000	443.568	-2.00	4.298	443.122	-150.00
-4.323	442.515	-150.00	-4.000	442.998	-2.00	1268+0.000	443.078	442.548	0.530	4.000	442.998	-2.00	4.278	442.581	-150.00
-4.290	441.989	-150.00	-4.000	442.423	-2.00	1269+0.000	442.503	442.038	0.465	4.000	442.423	-2.00	4.238	442.067	-150.00
-4.219	441.416	-150.00	-4.000	441.744	-2.00	1270+0.000	441.824	441.478	0.347	4.000	441.744	-2.00	4.137	441.539	-150.00
-4.232	440.718	-150.00	-4.000	441.066	-2.00	1271+0.000	441.146	440.796	0.349	4.000	441.066	-2.00	4.128	440.873	-150.00
-4.227	440.046	-150.00	-4.000	440.387	-2.00	1272+0.000	440.467	440.146	0.321	4.000	440.387	-2.00	4.096	440.243	-150.00
-4.311	439.241	-150.00	-4.000	439.708	-2.00	1273+0.000	439.788	439.358	0.430	4.000	439.708	-2.00	4.158	439.471	-150.00
-4.337	438.524	-150.00	-4.000	439.029	-2.00	1274+0.000	439.109	438.640	0.469	4.000	439.029	-2.00	4.187	438.748	-150.00
-4.462	438.003	-150.00	-4.000	438.696	-2.00	1275+0.000	438.776	438.126	0.650	4.000	438.696	-2.00	4.301	438.244	-150.00
-4.292	437.937	-150.00	-4.000	438.376	-2.00	1276+0.000	438.456	438.015	0.441	4.000	438.376	-2.00	4.190	438.090	-150.00
-4.363	438.272	-150.00	-4.000	438.817	-2.00	1277+0.000	438.897	438.330	0.567	4.000	438.817	-2.00	4.287	438.386	-150.00
-4.227	439.195	-150.00	-4.000	439.536	-2.00	1278+0.000	439.616	439.251	0.365	4.000	439.536	-2.00	4.153	439.305	-150.00
-4.256	440.209	-150.00	-4.000	440.593	-2.00	1279+0.000	440.673	440.321	0.352	4.000	440.593	-2.00	4.104	440.437	-150.00
-4.176	441.463	-150.00	-4.000	441.727	-2.00	1280+0.000	441.807	441.581	0.226	4.000	441.727	-2.00	4.021	441.695	-150.00
-4.267	442.462	-150.00	-4.000	442.862	-2.00	1281+0.000	442.942	442.598	0.343	4.000	442.862	-2.00	4.087	442.731	-150.00
-4.345	443.357	-150.00	-4.000	443.874	-2.00	1282+0.000	443.954	443.515	0.439	4.000	443.874	-2.00	4.139	443.665	-150.00
-4.332	444.063	-150.00	-4.000	444.561	-2.00	1283+0.000	444.641	444.218	0.423	4.000	444.561	-2.00	4.130	444.366	-150.00
-4.361	444.680	-150.00	-4.000	445.222	-2.00	1284+0.000	445.302	444.830	0.473	4.000	445.222	-2.00	4.173	444.962	-150.00
-4.429	445.230	-150.00	-4.000	445.873	-2.00	1285+0.000	445.953	445.377	0.576	4.000	445.873	-2.00	4.237	445.518	-150.00
-4.491	445.787	-150.00	-4.000	446.524	-2.00	1286+0.000	446.604	445.893	0.712	4.000	446.524	-2.00	4.353	445.995	-150.00
-4.507	446.414	-150.00	-4.000	447.176	-2.00	1287+0.000	447.256	446.513	0.743	4.000	447.176	-2.00	4.378	446.608	-150.00
-4.487	447.096	-150.00	-4.000	447.827	-2.00	1288+0.000	447.907	447.189	0.718	4.000	447.827	-2.00	4.359	447.288	-150.00
-4.464	447.782	-150.00	-4.000	448.478	-2.00	1289+0.000	448.558	447.897	0.661	4.000	448.478	-2.00	4.305	448.021	-150.00
-4.416	448.505	-150.00	-4.000	449.129	-2.00	1290+0.000	449.209	448.633	0.576	4.000	449.129	-2.00	4.249	448.756	-150.00
-4.363	449.235	-150.00	-4.000	449.780	-2.00	1291+0.000	449.860	449.360	0.500	4.000	449.780	-2.00	4.200	449.480	-150.00
-4.320	449.951	-150.00	-4.000	450.431	-2.00	1292+0.000	450.511	450.075	0.437	4.000	450.431	-2.00	4.158	450.194	-150.00
-4.284	450.719	-150.00	-4.000	451.145	-2.00	1293+0.000	451.225	450.810	0.415	4.000	451.145	-2.00	4.159	450.907	-150.00
-4.289	451.578	-150.00	-4.000	452.011	-2.00	1294+0.000	452.091	451.683	0.407	4.000	452.011	-2.00	4.145	451.794	-150.00
-4.227	452.681	-150.00	-4.000	453.021	-2.00	1295+0.000	453.101	452.715	0.387	4.000	453.021	-2.00	4.144	452.805	-150.00
-4.236	454.030	-150.00	-4.000	454.384	-2.00	1296+0.000	454.464	454.064	0.401	4.000	454.384	-2.00	4.192	454.097	-150.00
-4.222	455.416	-150.00	-4.000	455.749	-2.00	1297+0.000	455.829	455.443	0.386	4.000	455.749	-2.00	4.184	455.474	-150.00
-4.171	456.858	-150.00	-4.000	457.114	-2.00	1298+0.000	457.194	456.865	0.329	4.000	457.114	-2.00	4.161	456.872	-150.00
-4.127	458.288	-150.00	-4.000	458.479	-2.00	1299+0.000	458.559	458.271	0.288	4.000	458.479	-2.00	4.167	458.228	-150.00
-4.174	459.583	-150.00	-4.000	459.844	-2.00	1300+0.000	459.924	459.514	0.410	4.000	459.844	-2.00	4.262	459.451	-150.00
-4.174	460.759	-150.00	-4.000	461.019	-2.00	1301-0.000	461.099	460.723	0.376	4.000	461.019	-2.00	4.229	460.676	-150.00
-4.182	461.555	-150.00	-4.000	461.828	-2.00	1302+0.000	461.908	461.453	0.456	4.000	461.828	-2.00	4.275	461.415	-150.00
-4.087	462.140	-150.00	-4.000	462.270	-2.00	1303+0.000	462.350	462.079	0.271	4.000	462.270	-2.00	4.169	462.017	-150.00
-4.136	462.436	66.67	-4.000	462.346	-2.00	1304+0.000	462.426	462.344	0.082	4.000	462.346	-2.00	4.089	462.213	-150.00
-4.060	462.095	66.67	-4.000	462.055	-2.00	1305+0.000	462.135	462.004	0.130	4.000	462.055	-2.00	4.095	461.913	-150.00
-4.014	461.406	66.67	-4.000	461.397	-2.00	1306+0.000	461.477	461.325	0.152	4.000	461.397	-2.00	4.103	461.242	-150.00
-4.024	460.368	-150.00	-4.000	460.404	-2.00	1307+0.000	460.484	460.295	0.189	4.000	460.404	-2.00	4.123	460.220	-150.00
-4.074	459.236	-150.00	-4.000	459.347	-2.00	1308+0.000	459.427	459.175	0.252	4.000	459.347	-2.00	4.156	459.113	-150.00
-4.179	458.022	-150.00	-4.000	458.291	-2.00	1309+0.000	458.371	457.993	0.378	4.000	458.291	-2.00	4.222	457.959	-150.00
-4.262	456.842	-150.00	-4.000	457.235	-2.00	1310+0.000	457.315	456.852	0.462	4.000	457.235	-2.00	4.248	456.863	-150.00
-4.347	455.766	-150.00	-4.000	456.287	-2.00	1311+0.000	456.367	455.768	0.598	4.000	456.287	-2.00	4.344	455.770	-150.00
-4.387	454.800	-150.00	-4.000	455.381	-2.00	1312+0.000	455.461	454.813	0.648	4.000	455.381	-2.00	4.370	454.826	-150.00
-4.383	453.902	-150.00	-4.000	454.476	-2.00	1313+0.000	454.556	453.913	0.643	4.000	454.476	-2.00	4.368	453.924	-150.00
-4.378	453.003	-150.00	-4.000	453.570	-2.00	1314+0.000	453.650	453.022	0.628	4.000	453.570	-2.00	4.365	453.023	-150.00
-4.354	452.133	-150.00	-4.000	452.665	-2.00	1315+0.000	452.745	452.130	0.614	4.000	452.665	-2.00	4.358	452.127	-150.00
-4.328	451.268	-150.00	-4.000	451.759	-2.00	1316+0.000	451.839	451.262	0.577	4.000	451.759	-2.00	4.335	451.257	-150.00
-4.302	450.400	-150.00	-4.000	450.854	-2.00	1317+0.000	450.934	450.386	0.548	4.000	450.854	-2.00	4.320	450.374	-150.00
-4.269	449.593	-150.00	-4.000	449.995	-2.00	1318+0.000	450.075	449.577	0.498	4.000	449.995	-2.00	4.289	449.562	-150.00
-4.317	448.816	-150.00	-4.000	449.292	-2.00	1319+0.000	449.372	448.794	0.578	4.000	449.292	-2.00	4.379	448.723	-150.00
-4.363	448.043	-150.00	-4.000	448.588	-2.00	1320+0.000	448.668	447.964	0.704	4.000	448.588	-2.00	4.470	447.883	-150.00
-4.364	447.338	-150.00	-4.000	447.884	-2.00	1321+0.000	447.964	447.260	0.704	4.000	447.884	-2.00	4.471	447.178	-150.00
-4.327	446.690	-150.00	-4.000	447.181	-2.00	1322+0.000	447.261	446.602	0.659	4.000	447.181	-2.00	4.446	446.511	-150.00
-4.234	446.125	-150.00	-4.000	446.477	-2.00	1323+0.000	446.557	446.057	0.500	4.000	446.477	-2.00	4.337	445.971	-150.00
-4.085	445.646	-150.00	-4.000	445.773	-2.00	1324+0.000	445.853	445.565	0.288	4.000	445.773	-2.00	4.234	445.422	-150.00
-4.153	445.172	66.67	-4.000	445.070	-2.00	1325+0.000	445.150	445.003	0.147	4.000	445.070	-2.00	4.156	444.836	-150.00
-4.180	444.486	66.67	-4.000	444.366	-2.00	1326+0.000	444.446	444.302	0.144	4.000	444.366	-2.00	4.165	444.118	-150.00
-4.147	443.761	66.67	-4.000	443.662	-2.00	1327+0.000	443.742	443.583	0.160	4.000	443.662	-2.00	4.173	443.403	-150.00
-4.041	442.986	66.67	-4.000	442.959	-2.00	1328+0.000	443.039	442.818	0.221	4.000	442.959	-2.00	4.211	442.642	-150.00
-4.129	442.033	-150.00	-4.000	442.226	-2.00	1329+0.000	442.306	441.874	0.432	4.000	442.226	-2.00	4.355	441.694	-150.00
-4.153	441.038	-150.00	-4.000	441.267	-2.00	1330+0.000	441.347	440.858	0.489	4.000	441.267	-2.00	4.401	440.665	-150.00
-4.131	440.017	-150.00	-4.000	440.214	-2.00	1331+0.000	440.294	439.827	0.467	4.000	440.214	-2.00	4.392	439.626	-150.00
-4.136	438.958	-150.00	-4.000	439.161	-2.00	1332+0.000	439.241	438.786	0.456	4.000	439.161	-2.00	4.381	438.590	-150.00
-4.183	437.835	-150.00	-4.000	438.109	-2.00	1333+0.000	438.189	437.667	0.522	4.000	438.109	-2.00	4.413	437.489	-150.00
-4.207	436.745	-150.00	-4.000	437.056	-2.00	1334+0.000	437.136	436.601	0.535	4.000	437.056	-2.00	4.404	436.450	-150.00
-4.182	435.696	-150.00	-4.000	435.968	-2.00	1335+0.000	436.048	435.561	0.487	4.000	435.968	-2.00	4.361	435.426	-150.00

-4.190	434.558	-150.00	-4.000	434.842	-2.00	1336+0.000	434.922	434.437	0.485	4.000	434.842	-2.00	4.346	434.323	-150.00
-4.208	433.463	-150.00	-4.000	433.774	-2.00	1337+0.000	433.854	433.367	0.488	4.000	433.774	-2.00	4.338	433.268	-150.00
-4.187	432.429	-150.00	-4.000	432.709	-2.00	1338+0.000	432.789	432.308	0.481	4.000	432.709	-2.00	4.341	432.197	-150.00
-4.210	431.405	-150.00	-4.000	431.720	-2.00	1339+0.000	431.800	431.283	0.517	4.000	431.720	-2.00	4.376	431.156	-150.00
-4.209	430.494	-150.00	-4.000	430.806	-2.00	1340+0.000	430.886	430.367	0.520	4.000	430.806	-2.00	4.383	430.233	-150.00
-4.193	429.605	-150.00	-4.000	429.894	-2.00	1341+0.000	429.974	429.474	0.500	4.000	429.894	-2.00	4.371	429.338	-150.00
-4.160	428.742	-150.00	-4.000	428.982	-2.00	1342+0.000	429.062	428.622	0.440	4.000	428.982	-2.00	4.323	428.497	-150.00
-4.114	427.899	-150.00	-4.000	428.070	-2.00	1343+0.000	428.150	427.765	0.385	4.000	428.070	-2.00	4.297	427.624	-150.00
-4.097	427.011	-150.00	-4.000	427.157	-2.00	1344+0.000	427.237	426.876	0.362	4.000	427.157	-2.00	4.288	426.725	-150.00
-4.064	426.149	-150.00	-4.000	426.245	-2.00	1345+0.000	426.325	426.005	0.320	4.000	426.245	-2.00	4.263	425.851	-150.00
-4.078	425.215	-150.00	-4.000	425.333	-2.00	1346+0.000	425.413	425.078	0.335	4.000	425.333	-2.00	4.266	424.934	-150.00
-4.110	424.256	-150.00	-4.000	424.421	-2.00	1347+0.000	424.501	424.115	0.385	4.000	424.421	-2.00	4.301	423.969	-150.00
-4.157	423.272	-150.00	-4.000	423.508	-2.00	1348+0.000	423.588	423.154	0.434	4.000	423.508	-2.00	4.318	423.031	-150.00
-4.266	422.289	-150.00	-4.000	422.689	-2.00	1349+0.000	422.769	422.166	0.602	4.000	422.689	-2.00	4.422	422.056	-150.00
-4.327	421.472	-150.00	-4.000	421.964	-2.00	1350+0.000	422.044	421.371	0.673	4.000	421.964	-2.00	4.463	421.269	-150.00
-4.230	420.894	-150.00	-4.000	421.239	-2.00	1351+0.000	421.319	420.788	0.530	4.000	421.239	-2.00	4.365	420.691	-150.00
-4.197	420.453	-150.00	-4.000	420.749	-2.00	1352+0.000	420.829	420.401	0.428	4.000	420.749	-2.00	4.273	420.339	-150.00
-4.201	420.386	-150.00	-4.000	420.686	-2.00	1353+0.000	420.766	420.330	0.437	4.000	420.686	-2.00	4.273	420.277	-150.00
-4.200	420.520	-150.00	-4.000	420.820	-2.00	1354+0.000	420.900	420.452	0.448	4.000	420.820	-2.00	4.292	420.383	-150.00
-4.211	420.459	-150.00	-4.000	420.775	-2.00	1355+0.000	420.855	420.396	0.459	4.000	420.775	-2.00	4.298	420.327	-150.00
-4.271	420.157	-150.00	-4.000	420.563	-2.00	1356+0.000	420.643	420.201	0.443	4.000	420.563	-2.00	4.213	420.244	-150.00
-4.242	419.891	-150.00	-4.000	420.254	-2.00	1357+0.000	420.334	419.927	0.406	4.000	420.254	-2.00	4.195	419.961	-150.00
-4.275	419.531	-150.00	-4.000	419.944	-2.00	1358+0.000	420.024	419.565	0.459	4.000	419.944	-2.00	4.210	419.628	-150.00
-4.326	419.110	-150.00	-4.000	419.599	-2.00	1359+0.000	419.679	419.217	0.462	4.000	419.599	-2.00	4.198	419.301	-150.00
-4.337	418.652	-150.00	-4.000	419.157	-2.00	1360+0.000	419.237	418.760	0.478	4.000	419.157	-2.00	4.196	418.863	-150.00
-4.332	418.218	-150.00	-4.000	418.715	-2.00	1361+0.000	418.795	418.329	0.466	4.000	418.715	-2.00	4.187	418.435	-150.00
-4.258	417.805	-150.00	-4.000	418.191	-2.00	1362+0.000	418.271	417.794	0.477	4.000	418.191	-2.00	4.256	417.807	-150.00
-4.223	417.602	-150.00	-4.000	417.937	-2.00	1363+0.000	418.017	417.558	0.458	4.000	417.937	-2.00	4.279	417.518	-150.00
-4.271	417.248	-150.00	-4.000	417.655	-2.00	1364+0.000	417.735	417.235	0.500	4.000	417.655	-2.00	4.254	417.275	-150.00
-4.251	416.967	-150.00	-4.000	417.342	-2.00	1365+0.000	417.422	417.007	0.416	4.000	417.342	-2.00	4.198	417.046	-150.00
-4.244	416.663	-150.00	-4.000	417.029	-2.00	1366+0.000	417.109	416.692	0.418	4.000	417.029	-2.00	4.206	416.720	-150.00
-4.262	416.324	-150.00	-4.000	416.716	-2.00	1367+0.000	416.796	416.322	0.475	4.000	416.716	-2.00	4.253	416.337	-150.00
-4.244	416.038	-150.00	-4.000	416.403	-2.00	1368+0.000	416.483	416.024	0.460	4.000	416.403	-2.00	4.264	416.008	-150.00
-4.234	415.677	-150.00	-4.000	416.028	-2.00	1369+0.000	416.108	415.643	0.465	4.000	416.028	-2.00	4.276	415.613	-150.00
-4.231	415.262	-150.00	-4.000	415.609	-2.00	1370+0.000	415.689	415.225	0.464	4.000	415.609	-2.00	4.281	415.188	-150.00
-4.235	414.749	-150.00	-4.000	415.101	-2.00	1371+0.000	415.181	414.734	0.447	4.000	415.101	-2.00	4.255	414.719	-150.00
-4.229	414.121	-150.00	-4.000	414.465	-2.00	1372+0.000	414.545	414.110	0.435	4.000	414.465	-2.00	4.247	414.094	-150.00
-4.263	413.347	-150.00	-4.000	413.742	-2.00	1373+0.000	413.822	413.353	0.469	4.000	413.742	-2.00	4.256	413.359	-150.00
-4.262	412.624	-150.00	-4.000	413.017	-2.00	1374+0.000	413.097	412.630	0.467	4.000	413.017	-2.00	4.254	412.637	-150.00
-4.285	411.976	-150.00	-4.000	412.403	-2.00	1375+0.000	412.483	412.021	0.462	4.000	412.403	-2.00	4.206	412.094	-150.00
-4.287	411.430	-150.00	-4.000	411.860	-2.00	1376+0.000	411.940	411.480	0.461	4.000	411.860	-2.00	4.222	411.527	-150.00
-4.345	411.107	-150.00	-4.000	411.624	-2.00	1377+0.000	411.704	411.196	0.508	4.000	411.624	-2.00	4.228	411.282	-150.00
-4.384	410.983	-150.00	-4.000	411.559	-2.00	1378+0.000	411.639	411.092	0.547	4.000	411.559	-2.00	4.241	411.197	-150.00
-4.296	411.109	-150.00	-4.000	411.553	-2.00	1379+0.000	411.633	411.219	0.414	4.000	411.553	-2.00	4.152	411.325	-150.00
-4.306	411.624	-150.00	-4.000	412.084	-2.00	1380+0.000	412.164	411.757	0.407	4.000	412.084	-2.00	4.133	411.884	-150.00
-4.311	412.330	-150.00	-4.000	412.796	-2.00	1381+0.000	412.876	412.471	0.405	4.000	412.796	-2.00	4.127	412.606	-150.00
-4.305	413.271	-150.00	-4.000	413.728	-2.00	1382+0.000	413.808	413.411	0.397	4.000	413.728	-2.00	4.122	413.546	-150.00
-4.330	414.166	-150.00	-4.000	414.661	-2.00	1383+0.000	414.741	414.333	0.408	4.000	414.661	-2.00	4.122	414.477	-150.00
-4.342	415.002	-150.00	-4.000	415.514	-2.00	1384+0.000	415.594	415.164	0.431	4.000	415.514	-2.00	4.131	415.318	-150.00
-4.187	415.399	-150.00	-4.000	415.679	-2.00	1385+0.000	415.759	415.549	0.210	4.000	415.679	-2.00	4.027	415.698	66.67
-4.053	415.689	-150.00	-4.000	415.769	-2.00	1386+0.000	415.849	415.823	0.026	4.000	415.769	-2.00	4.277	415.954	66.67
-4.041	415.798	-150.00	-4.000	415.860	-2.00	1387+0.000	415.940	415.909	0.030	4.000	415.860	-2.00	4.242	416.021	66.67
-4.110	415.784	-150.00	-4.000	415.950	-2.00	1388-0.000	416.030	415.877	0.152	4.000	415.950	-2.00	4.029	415.969	66.67
-4.181	415.767	-150.00	-4.000	416.040	-2.00	1389-0.000	416.120	415.853	0.266	4.000	416.040	-2.00	4.068	415.937	-150.00
-4.292	415.692	-150.00	-4.000	416.130	-2.00	1390+0.000	416.210	415.791	0.418	4.000	416.130	-2.00	4.168	415.877	-150.00
-4.288	415.803	-150.00	-4.000	416.235	-2.00	1391+0.000	416.315	415.879	0.436	4.000	416.235	-2.00	4.183	415.961	-150.00
-4.285	415.978	-150.00	-4.000	416.406	-2.00	1392+0.000	416.486	416.049	0.437	4.000	416.406	-2.00	4.192	416.119	-150.00
-4.383	416.255	-150.00	-4.000	416.829	-2.00	1393+0.000	416.909	416.318	0.591	4.000	416.829	-2.00	4.299	416.380	-150.00
-4.372	416.743	-150.00	-4.000	417.301	-2.00	1394+0.000	417.381	416.839	0.542	4.000	417.301	-2.00	4.246	416.932	-150.00
-4.359	417.233	-150.00	-4.000	417.773	-2.00	1395+0.000	417.853	417.380	0.473	4.000	417.773	-2.00	4.168	417.520	-150.00
-4.301	417.713	-150.00	-4.000	418.164	-2.00	1396+0.000	418.244	417.875	0.369	4.000	418.164	-2.00	4.090	418.029	-150.00
-4.247	418.079	-150.00	-4.000	418.449	-2.00	1397+0.000	418.529	418.238	0.291	4.000	418.449	-2.00	4.040	418.389	-150.00
-4.289	418.301	-150.00	-4.000	418.735	-2.00	1398+0.000	418.815	418.508	0.307	4.000	418.735	-2.00	4.022	418.702	-150.00
-4.383	418.397	-150.00	-4.000	418.971	-2.00	1399+0.000	419.051	418.609	0.442	4.000	418.971	-2.00	4.122	418.787	-150.00
-4.389	418.248	-150.00	-4.000	418.832	-2.00	1400+0.000	418.912	418.453	0.459	4.000	418.832	-2.00	4.137	418.627	-150.00
-4.391	417.850	-150.00	-4.000	418.436	-2.00	1401+0.000	418.516	418.055	0.461	4.000	418.436	-2.00	4.126	418.248	-150.00
-4.380	417.341	-150.00	-4.000	417.911	-2.00	1402+0.000	417.991	417.517	0.474	4.000	417.911	-2.00	4.156	417.677	-150.00
-4.399	416.693	-150.00	-4.000	417.292	-2.00	1403+0.000	417.372	416.872	0.500	4.000	417.292	-2.00	4.167	417.042	-150.00
-4.398	416.076	-150.00	-4.000	416.673	-2.00	1404+0.000	416.753	416.247	0.506	4.000	416.673	-2.00	4.180	416.403	-150.00
-4.392	415.465	-150.00	-4.000	416.054	-2.00	1405+0.000	416.134	415.643	0.491	4.000	416.054	-2.00	4.162	415.811	-150.00
-4.376	414.912	-150.00	-4.000	415.477	-2.00	1406+0.000	415.557	415.111	0.446	4.000	415.477	-2.00	4.115	415.304	-150.00
-4.391	414.819	-150.00	-4.000	415.407	-2.00	1407+0.000	415.487	414.979	0.507	4.000	415.407	-2.00	4.201	415.105	-150.00
-4.548	414.735	-150.00	-4.000	415.557	-2.00	1408+0.000	415.637	414.917	0.720	4.000	415.557	-2.00	4.326	415.069	-150.00
-4.484	414.982	-150.00	-4.000	415.708	-2.00	1409+0.000	415.788	415.165	0.623	4.000	415.708	-2.00	4.246	415.338	-150.00
-4.390	415.273	-150.00	-4.000	415.858	-2.00	1410+0.000	415.938	415.452	0.486	4.000	415.858	-2.00	4.158	415.622	-150.00
-4.366	415.401	-150.00	-4.000	415.949	-2.00	1411+0.000	416.029	415.625	0.404	4.000	415.949	-2.00	4.076	415.835	-150.00
-4.375	415.410	-150.00	-4.000	415.973	-2.00	1412+0.000	416.053	415.633	0.420	4.000	415.973	-2.00	4.088	415.841	-150.00
-4.404	415.186	-150.00	-4.000	415.793	-2.00	1413+0.000	415.873	415.449	0.423	4.000	415.793	-2.00	4.067	415.693	-150.00
-4.351	414.825	-150.00	-4.000	415.350	-2.00	1414+0.000	415.430	415.082	0.348	4.000	415.350	-2.00	4.020	415.320	-150.00

Geodésia Referenciada
Departamento de Geo
Projetos Geod
Secretaria das Cidades

-4.382	414.335	-150.00	-4.000	414.908	-2.00	1415+0.000	414.988	414.581	0.407	4.000	414.908	-2.00	4.065	414.810	-150.00
-4.401	413.864	-150.00	-4.000	414.466	-2.00	1416+0.000	414.546	414.112	0.434	4.000	414.466	-2.00	4.083	414.342	-150.00
-4.342	413.637	-150.00	-4.000	414.150	-2.00	1417+0.000	414.230	413.811	0.419	4.000	414.150	-2.00	4.117	413.974	-150.00
-4.351	413.685	-150.00	-4.000	414.211	-2.00	1418+0.000	414.291	413.846	0.445	4.000	414.211	-2.00	4.141	414.000	-150.00
-4.268	414.134	-150.00	-4.000	414.535	-2.00	1419+0.000	414.615	414.218	0.398	4.000	414.535	-2.00	4.157	414.299	-150.00
-4.228	414.854	-150.00	-4.000	415.196	-2.00	1420+0.000	415.276	414.945	0.332	4.000	415.196	-2.00	4.109	415.033	-150.00
-4.128	415.665	-150.00	-4.000	415.858	-2.00	1421+0.000	415.938	415.731	0.206	4.000	415.858	-2.00	4.041	415.796	-150.00
-4.121	416.338	-150.00	-4.000	416.519	-2.00	1422+0.000	416.599	416.421	0.178	4.000	416.519	-2.00	4.006	416.510	-150.00
-4.125	416.992	-150.00	-4.000	417.180	-2.00	1423+0.000	417.260	417.062	0.198	4.000	417.180	-2.00	4.033	417.130	-150.00
-4.257	417.455	-150.00	-4.000	417.840	-2.00	1424+0.000	417.920	417.521	0.399	4.000	417.840	-2.00	4.161	417.598	-150.00
-4.295	417.774	-150.00	-4.000	418.217	-2.00	1425+0.000	418.297	417.860	0.437	4.000	418.217	-2.00	4.182	417.943	-150.00
-4.292	418.021	-150.00	-4.000	418.459	-2.00	1426+0.000	418.539	418.105	0.435	4.000	418.459	-2.00	4.182	418.186	-150.00
-4.337	418.198	-150.00	-4.000	418.702	-2.00	1427+0.000	418.782	418.342	0.440	4.000	418.702	-2.00	4.151	418.476	-150.00
-4.335	418.443	-150.00	-4.000	418.945	-2.00	1428+0.000	419.025	418.590	0.435	4.000	418.945	-2.00	4.147	418.724	-150.00
-4.350	418.688	-150.00	-4.000	419.214	-2.00	1429+0.000	419.294	418.855	0.439	4.000	419.214	-2.00	4.122	419.031	-150.00
-4.322	419.051	-150.00	-4.000	419.534	-2.00	1430+0.000	419.614	419.236	0.378	4.000	419.534	-2.00	4.082	419.410	-150.00
-4.293	419.415	-150.00	-4.000	419.854	-2.00	1431+0.000	419.934	419.607	0.327	4.000	419.854	-2.00	4.043	419.790	-150.00
-4.264	419.779	-150.00	-4.000	420.175	-2.00	1432+0.000	420.255	419.984	0.271	4.000	420.175	-2.00			
-4.272	420.087	-150.00	-4.000	420.495	-2.00	1433+0.000	420.575	420.272	0.303	4.000	420.495	-2.00	4.032	420.447	-150.00
-4.328	420.324	-150.00	-4.000	420.815	-2.00	1434+0.000	420.895	420.496	0.399	4.000	420.815	-2.00	4.104	420.660	-150.00
-4.366	420.301	-150.00	-4.000	420.850	-2.00	1435+0.000	420.930	420.439	0.491	4.000	420.850	-2.00	4.172	420.593	-150.00
-4.306	420.321	-150.00	-4.000	420.780	-2.00	1436+0.000	420.860	420.446	0.414	4.000	420.780	-2.00	4.142	420.567	-150.00
-4.320	420.231	-150.00	-4.000	420.711	-2.00	1437+0.000	420.791	420.326	0.465	4.000	420.711	-2.00	4.176	420.446	-150.00
-4.289	420.208	-150.00	-4.000	420.641	-2.00	1438+0.000	420.721	420.289	0.432	4.000	420.641	-2.00	4.190	420.356	-150.00
-4.315	420.098	-150.00	-4.000	420.571	-2.00	1439+0.000	420.651	420.162	0.489	4.000	420.571	-2.00	4.228	420.230	-150.00
-4.296	420.061	-150.00	-4.000	420.505	-2.00	1440+0.000	420.585	420.111	0.474	4.000	420.505	-2.00	4.227	420.164	-150.00
-4.325	420.058	-150.00	-4.000	420.546	-2.00	1441+0.000	420.626	420.124	0.502	4.000	420.546	-2.00	4.239	420.188	-150.00
-4.297	420.149	-150.00	-4.000	420.595	-2.00	1442+0.000	420.675	420.199	0.475	4.000	420.595	-2.00	4.230	420.249	-150.00
-4.275	420.196	-150.00	-4.000	420.608	-2.00	1443+0.000	420.688	420.231	0.457	4.000	420.608	-2.00	4.228	420.266	-150.00
-4.258	419.893	-150.00	-4.000	420.279	-2.00	1444+0.000	420.359	419.944	0.415	4.000	420.279	-2.00	4.190	419.995	-150.00
-4.222	419.547	-150.00	-4.000	419.879	-2.00	1445+0.000	419.959	419.574	0.385	4.000	419.879	-2.00	4.185	419.602	-150.00
-4.240	419.120	-150.00	-4.000	419.479	-2.00	1446+0.000	419.559	419.151	0.408	4.000	419.479	-2.00	4.198	419.182	-150.00
-4.251	418.703	-150.00	-4.000	419.079	-2.00	1447+0.000	419.159	418.725	0.434	4.000	419.079	-2.00	4.232	418.732	-150.00
-4.284	418.365	-150.00	-4.000	418.791	-2.00	1448+0.000	418.871	418.382	0.489	4.000	418.791	-2.00	4.261	418.399	-150.00
-4.292	418.152	-150.00	-4.000	418.590	-2.00	1449+0.000	418.670	418.171	0.499	4.000	418.590	-2.00	4.272	418.182	-150.00
-4.269	417.985	-150.00	-4.000	418.389	-2.00	1450+0.000	418.469	417.968	0.501	4.000	418.389	-2.00	4.293	417.949	-150.00
-4.250	417.813	-150.00	-4.000	418.187	-2.00	1451+0.000	418.267	417.799	0.468	4.000	418.187	-2.00	4.272	417.780	-150.00
-4.244	417.580	-150.00	-4.000	417.946	-2.00	1452+0.000	418.026	417.539	0.487	4.000	417.946	-2.00	4.299	417.498	-150.00
-4.198	417.221	-150.00	-4.000	417.518	-2.00	1453+0.000	417.598	417.179	0.418	4.000	417.518	-2.00	4.254	417.137	-150.00
-4.212	416.728	-150.00	-4.000	417.046	-2.00	1454+0.000	417.126	416.665	0.461	4.000	417.046	-2.00	4.301	416.595	-150.00
-4.258	415.736	-150.00	-4.000	416.122	-2.00	1455+0.000	416.202	415.667	0.535	4.000	416.122	-2.00	4.350	415.598	-150.00
-4.251	414.804	-150.00	-4.000	415.181	-2.00	1456+0.000	415.261	414.731	0.530	4.000	415.181	-2.00	4.353	414.650	-150.00
-4.224	414.024	-150.00	-4.000	414.360	-2.00	1457+0.000	414.440	413.947	0.493	4.000	414.360	-2.00	4.328	413.868	-150.00
-4.261	413.222	-150.00	-4.000	413.613	-2.00	1458+0.000	413.693	413.152	0.541	4.000	413.613	-2.00	4.355	413.081	-150.00
-4.261	412.475	-150.00	-4.000	412.867	-2.00	1459+0.000	412.947	412.425	0.522	4.000	412.867	-2.00	4.329	412.374	-150.00
-4.257	411.762	-150.00	-4.000	412.148	-2.00	1460+0.000	412.228	411.724	0.504	4.000	412.148	-2.00	4.308	411.686	-150.00
-4.360	410.968	-150.00	-4.000	411.508	-2.00	1461+0.000	411.588	410.940	0.648	4.000	411.508	-2.00	4.396	410.914	-150.00
-4.449	410.195	-150.00	-4.000	410.868	-2.00	1462+0.000	410.948	410.157	0.792	4.000	410.868	-2.00	4.499	410.120	-150.00
-4.444	409.563	-150.00	-4.000	410.229	-2.00	1463+0.000	410.309	409.528	0.780	4.000	410.229	-2.00	4.480	409.509	-150.00
-4.326	409.118	-150.00	-4.000	409.607	-2.00	1464+0.000	409.687	409.097	0.590	4.000	409.607	-2.00	4.350	409.082	-150.00
-4.243	408.756	-150.00	-4.000	409.119	-2.00	1465+0.000	409.199	408.736	0.463	4.000	409.119	-2.00	4.269	408.716	-150.00
-4.237	408.430	-150.00	-4.000	408.786	-2.00	1466+0.000	408.866	408.413	0.453	4.000	408.786	-2.00	4.257	408.401	-150.00
-4.249	408.202	-150.00	-4.000	408.576	-2.00	1467+0.000	408.656	408.186	0.469	4.000	408.576	-2.00	4.270	408.170	-150.00
-4.225	408.005	-150.00	-4.000	408.343	-2.00	1468+0.000	408.423	407.953	0.470	4.000	408.343	-2.00	4.288	407.911	-150.00
-4.190	407.537	-150.00	-4.000	407.822	-2.00	1469+0.000	407.902	407.481	0.422	4.000	407.822	-2.00	4.266	407.423	-150.00
-4.204	406.989	-150.00	-4.000	407.295	-2.00	1470+0.000	407.375	406.908	0.468	4.000	407.295	-2.00	4.310	406.831	-150.00
-4.158	406.351	-150.00	-4.000	406.589	-2.00	1471+0.000	406.669	406.265	0.404	4.000	406.589	-2.00	4.275	406.176	-150.00
-4.182	405.563	-150.00	-4.000	405.837	-2.00	1472+0.000	405.917	405.445	0.472	4.000	405.837	-2.00	4.323	405.352	-150.00
-4.228	404.914	-150.00	-4.000	405.255	-2.00	1473+0.000	405.335	404.842	0.494	4.000	405.255	-2.00	4.325	404.768	-150.00
-4.355	404.426	-150.00	-4.000	404.959	-2.00	1474-0.000	405.039	404.338	0.700	4.000	404.959	-2.00	4.464	404.263	-150.00
-4.428	404.023	-150.00	-4.000	404.666	-2.00	1475-0.000	404.746	404.023	0.723	4.000	404.666	-2.00	4.423	404.031	-150.00
-4.256	404.093	-150.00	-4.000	404.476	-2.00	1476-0.000	404.556	404.105	0.451	4.000	404.476	-2.00	4.240	404.116	-150.00
-4.245	404.330	-150.00	-4.000	404.698	-2.00	1477-0.000	404.778	404.347	0.431	4.000	404.698	-2.00	4.195	404.405	-150.00
-4.287	404.913	-150.00	-4.000	405.344	-2.00	1478+0.000	405.424	404.999	0.425	4.000	405.344	-2.00	4.171	405.088	-150.00
-4.281	405.724	-150.00	-4.000	406.146	-2.00	1479+0.000	406.226	405.802	0.424	4.000	406.146	-2.00	4.178	405.879	-150.00
-4.282	406.624	-150.00	-4.000	407.048	-2.00	1480+0.000	407.128	406.745	0.382	4.000	407.048	-2.00	4.129	406.853	-150.00
-4.342	407.688	-150.00	-4.000	408.201	-2.00	1481+0.000	408.281	407.842	0.440	4.000	408.201	-2.00	4.142	407.988	-150.00
-4.258	408.903	-150.00	-4.000	409.290	-2.00	1482+0.000	409.370	408.925	0.445	4.000	409.290	-2.00	4.229	408.946	-150.00
-4.342	409.497	-150.00	-4.000	410.011	-2.00	1483+0.000	410.091	409.562	0.529	4.000	410.011	-2.00	4.257	409.626	-150.00
-4.273	410.316	-150.00	-4.000	410.725	-2.00	1484+0.000	410.805	410.383	0.422	4.000	410.725	-2.00	4.237	410.371	-150.00
-4.344	410.555	-150.00	-4.000	411.071	-2.00	1485+0.000	411.151	410.584	0.567	4.000	411.071	-2.00	4.306	410.613	-150.00
-4.290	410.913	-150.00	-4.000	411.348	-2.00	1486+0.000	411.428	410.947	0.481	4.000	411.348	-2.00	4.245	410.980	-150.00
-4.346	411.007	-150.00	-4.000	411.525	-2.00	1487+0.000	411.605	411.040	0.565	4.000	411.525	-2.00	4.301	411.073	-150.00
-4.300	411.202	-150.00	-4.000	411.652	-2.00	1488+0.000	411.732	411.241	0.490	4.000	411.652	-2.00	4.248	411.280	-150.00
-4.317	411.507	-150.00	-4.000	411.984	-2.00	1489+0.000	412.064	411.666	0.398	4.000	411.984	-2.00	4.118	411.807	-150.00
-4.250	412.141	-150.00	-4.000	412.516	-2.00	1490+0.000	412.596	412.297	0.299	4.000	412.516	-2.00	4.047	412.446	-150.00
-4.230	412.703	-150.00	-4.000	413.049	-2.00	1491+0.000	413.129	412.865	0.263	4.000	413.049	-2.00	4.061	412.957	-150.00
-4.318	412.992	-150.00	-4.000	413.468	-2.00	1492+0.000	413.548	413.089	0.459	4.000	413.468	-2.00	4.190	413.183	-150.00
-4.359	412.965	-150.00	-4.000	413.503	-2.00	1493+0.000	413.583	413.117	0.466	4.000	413.503	-2.00	4.161	413.262	-150.00

Osvaldo Leonardo da Silva
Diretor
Presidente
Secretário

-4.308	412.734	-150.00	-4.000	413.195	-2.00	1494+0.000	413.275	412.875	0.400	4.000	413.195	-2.00	4.123	413.011	-150.00
-4.283	412.417	-150.00	-4.000	412.842	-2.00	1495+0.000	412.922	412.575	0.347	4.000	412.842	-2.00	4.078	412.725	-150.00
-4.362	411.946	-150.00	-4.000	412.488	-2.00	1496+0.000	412.568	412.126	0.442	4.000	412.488	-2.00	4.128	412.297	-150.00
-4.351	411.628	-150.00	-4.000	412.155	-2.00	1497+0.000	412.235	411.789	0.446	4.000	412.155	-2.00	4.142	411.941	-150.00
-4.347	411.385	-150.00	-4.000	411.905	-2.00	1498+0.000	411.985	411.549	0.436	4.000	411.905	-2.00	4.131	411.709	-150.00
-4.336	411.504	-150.00	-4.000	412.008	-2.00	1499+0.000	412.088	411.656	0.431	4.000	412.008	-2.00	4.138	411.801	-150.00
-4.328	411.854	-150.00	-4.000	412.346	-2.00	1500+0.000	412.426	412.005	0.421	4.000	412.346	-2.00	4.133	412.147	-150.00
-4.327	412.300	-150.00	-4.000	412.791	-2.00	1501+0.000	412.871	412.467	0.404	4.000	412.791	-2.00	4.111	412.625	-150.00
-4.337	412.774	-150.00	-4.000	413.280	-2.00	1502+0.000	413.360	412.941	0.419	4.000	413.280	-2.00	4.120	413.100	-150.00
-4.363	413.127	-150.00	-4.000	413.671	-2.00	1503+0.000	413.751	413.316	0.435	4.000	413.671	-2.00	4.117	413.495	-150.00
-4.344	413.274	-150.00	-4.000	413.791	-2.00	1504+0.000	413.871	413.462	0.409	4.000	413.791	-2.00	4.101	413.639	-150.00
-4.412	413.210	-150.00	-4.000	413.827	-2.00	1505+0.000	413.907	413.443	0.464	4.000	413.827	-2.00	4.121	413.646	-150.00
-4.410	412.850	-150.00	-4.000	413.465	-2.00	1506+0.000	413.545	413.080	0.465	4.000	413.465	-2.00	4.105	413.307	-150.00
-4.426	412.450	-150.00	-4.000	413.089	-2.00	1507+0.000	413.169	412.707	0.462	4.000	413.089	-2.00	4.107	412.929	-150.00
-4.415	411.904	-150.00	-4.000	412.526	-2.00	1508+0.000	412.606	412.159	0.447	4.000	412.526	-2.00	4.087	412.395	-150.00
-4.418	411.325	-150.00	-4.000	411.953	-2.00	1509+0.000	412.033	411.572	0.461	4.000	411.953	-2.00	4.093	411.813	-150.00
-4.474	410.878	-150.00	-4.000	411.590	-2.00	1510+0.000	411.670	411.117	0.552	4.000	411.590	-2.00	4.166	411.340	-150.00
-4.408	410.687	-150.00	-4.000	411.298	-2.00	1511+0.000	411.378	410.924	0.454	4.000	411.298	-2.00	4.102	411.146	-150.00
-4.426	410.989	-150.00	-4.000	411.629	-2.00	1512+0.000	411.709	411.189	0.520	4.000	411.629	-2.00	4.168	411.377	-150.00
-4.454	411.519	-150.00	-4.000	412.200	-2.00	1513+0.000	412.280	411.721	0.559	4.000	412.200	-2.00	4.193	411.912	-150.00
-4.389	412.189	-150.00	-4.000	412.772	-2.00	1514+0.000	412.852	412.347	0.505	4.000	412.772	-2.00	4.184	412.497	-150.00
-4.338	412.837	-150.00	-4.000	413.343	-2.00	1515+0.000	413.423	412.993	0.430	4.000	413.343	-2.00	4.134	413.143	-150.00
-4.327	413.406	-150.00	-4.000	413.895	-2.00	1516+0.000	413.975	413.526	0.450	4.000	413.895	-2.00	4.173	413.635	-150.00
-4.370	413.610	-150.00	-4.000	414.165	-2.00	1517+0.000	414.245	413.725	0.520	4.000	414.165	-2.00	4.219	413.836	-150.00
-4.290	413.633	-150.00	-4.000	414.069	-2.00	1518+0.000	414.149	413.794	0.355	4.000	414.069	-2.00	4.098	413.922	-150.00
-4.380	413.038	-150.00	-4.000	413.607	-2.00	1519+0.000	413.687	413.185	0.503	4.000	413.607	-2.00	4.188	413.325	-150.00
-4.351	412.254	-150.00	-4.000	412.781	-2.00	1520+0.000	412.861	412.375	0.486	4.000	412.781	-2.00	4.193	412.492	-150.00
-4.373	411.148	-150.00	-4.000	411.707	-2.00	1521+0.000	411.787	411.304	0.482	4.000	411.707	-2.00	4.169	411.454	-150.00
-4.317	410.052	-150.00	-4.000	410.527	-2.00	1522+0.000	410.607	410.232	0.375	4.000	410.527	-2.00	4.083	410.403	-150.00
-4.377	408.777	-150.00	-4.000	409.342	-2.00	1523+0.000	409.422	408.976	0.446	4.000	409.342	-2.00	4.118	409.166	-150.00
-4.385	407.823	-150.00	-4.000	408.400	-2.00	1524+0.000	408.480	407.983	0.497	4.000	408.400	-2.00	4.176	408.136	-150.00
-4.428	406.979	-150.00	-4.000	407.621	-2.00	1525+0.000	407.701	407.143	0.558	4.000	407.621	-2.00	4.215	407.299	-150.00
-4.417	406.217	-150.00	-4.000	406.842	-2.00	1526+0.000	406.922	406.368	0.555	4.000	406.842	-2.00	4.221	406.511	-150.00
-4.280	405.710	-150.00	-4.000	406.130	-2.00	1527+0.000	406.210	405.772	0.438	4.000	406.130	-2.00	4.178	405.863	-150.00
-4.232	405.301	-150.00	-4.000	405.650	-2.00	1528+0.000	405.730	405.371	0.359	4.000	405.650	-2.00	4.141	405.439	-150.00
-4.265	404.773	-150.00	-4.000	405.170	-2.00	1529+0.000	405.250	404.833	0.416	4.000	405.170	-2.00	4.183	404.896	-150.00
-4.255	404.312	-150.00	-4.000	404.695	-2.00	1530+0.000	404.775	404.317	0.458	4.000	404.695	-2.00	4.243	404.331	-150.00
-4.255	403.953	-150.00	-4.000	404.335	-2.00	1531+0.000	404.415	403.958	0.458	4.000	404.335	-2.00	4.249	403.962	-150.00
-4.236	403.453	-150.00	-4.000	403.806	-2.00	1532+0.000	403.886	403.423	0.464	4.000	403.806	-2.00	4.264	403.410	-150.00
-4.240	403.390	-150.00	-4.000	403.750	-2.00	1533+0.000	403.830	403.390	0.440	4.000	403.750	-2.00	4.240	403.390	-150.00
-4.321	403.387	-150.00	-4.000	403.869	-2.00	1534+0.000	403.949	403.372	0.577	4.000	403.869	-2.00	4.335	403.366	-150.00
-4.243	403.592	-150.00	-4.000	403.957	-2.00	1535+0.000	404.037	403.516	0.520	4.000	403.957	-2.00	4.314	403.486	-150.00
-4.168	403.856	-150.00	-4.000	404.109	-2.00	1536+0.000	404.189	403.779	0.410	4.000	404.109	-2.00	4.273	403.699	-150.00
-4.150	404.459	-150.00	-4.000	404.684	-2.00	1537+0.000	404.764	404.388	0.376	4.000	404.684	-2.00	4.246	404.315	-150.00
-4.150	405.449	-150.00	-4.000	405.674	-2.00	1538+0.000	405.754	405.373	0.381	4.000	405.674	-2.00	4.253	405.295	-150.00
-4.287	406.676	-150.00	-4.000	407.106	-2.00	1539+0.000	407.186	406.551	0.635	4.000	407.106	-2.00	4.456	406.422	-150.00
-4.221	408.205	-150.00	-4.000	408.538	-2.00	1540+0.000	408.618	408.049	0.568	4.000	408.538	-2.00	4.435	407.886	-150.00
-4.170	409.715	-150.00	-4.000	409.969	-2.00	1541+0.000	410.049	409.552	0.497	4.000	409.969	-2.00	4.390	409.385	-150.00
-4.095	411.259	-150.00	-4.000	411.401	-2.00	1542+0.000	411.481	411.082	0.399	4.000	411.401	-2.00	4.348	410.880	-150.00
-4.136	412.445	-150.00	-4.000	412.649	-2.00	1543+0.000	412.729	412.304	0.426	4.000	412.649	-2.00	4.329	412.155	-150.00
-4.135	413.535	-150.00	-4.000	413.738	-2.00	1544+0.000	413.818	413.412	0.405	4.000	413.738	-2.00	4.303	413.284	-150.00
-4.166	414.247	-150.00	-4.000	414.495	-2.00	1545+0.000	414.575	414.131	0.445	4.000	414.495	-2.00	4.343	413.981	-150.00
-4.233	414.766	-150.00	-4.000	415.115	-2.00	1546+0.000	415.195	414.683	0.512	4.000	415.115	-2.00	4.341	414.604	-150.00
-4.209	415.422	-150.00	-4.000	415.735	-2.00	1547+0.000	415.815	415.346	0.470	4.000	415.735	-2.00	4.312	415.267	-150.00
-4.155	416.123	-150.00	-4.000	416.355	-2.00	1548+0.000	416.435	416.038	0.398	4.000	416.355	-2.00	4.271	415.949	-150.00
-4.089	416.842	-150.00	-4.000	416.976	-2.00	1549+0.000	417.056	416.755	0.300	4.000	416.976	-2.00	4.207	416.665	-150.00
-4.130	417.401	-150.00	-4.000	417.596	-2.00	1550+0.000	417.676	417.344	0.332	4.000	417.596	-2.00	4.207	417.286	-150.00
-4.206	417.898	-150.00	-4.000	418.207	-2.00	1551+0.000	418.287	417.847	0.440	4.000	418.207	-2.00	4.273	417.798	-150.00
-4.231	418.113	-150.00	-4.000	418.460	-2.00	1552+0.000	418.540	418.093	0.447	4.000	418.460	-2.00	4.259	418.072	-150.00
-4.230	418.232	-150.00	-4.000	418.578	-2.00	1553+0.000	418.658	418.210	0.448	4.000	418.578	-2.00	4.257	418.193	-150.00
-4.303	417.953	-150.00	-4.000	418.408	-2.00	1554+0.000	418.488	418.002	0.486	4.000	418.408	-2.00	4.238	418.050	-150.00
-4.294	417.556	-150.00	-4.000	417.997	-2.00	1555+0.000	418.077	417.606	0.472	4.000	417.997	-2.00	4.228	417.655	-150.00
-4.319	417.236	-150.00	-4.000	417.714	-2.00	1556+0.000	417.794	417.349	0.445	4.000	417.714	-2.00	4.170	417.458	-150.00
-4.317	417.141	-150.00	-4.000	417.618	-2.00	1557+0.000	417.698	417.256	0.441	4.000	417.618	-2.00	4.167	417.367	-150.00
-4.336	417.119	-150.00	-4.000	417.623	-2.00	1558+0.000	417.703	417.268	0.435	4.000	417.623	-2.00	4.146	417.404	-150.00
-4.333	417.247	-150.00	-4.000	417.747	-2.00	1559+0.000	417.827	417.397	0.430	4.000	417.747	-2.00	4.142	417.534	-150.00
-4.310	417.452	-150.00	-4.000	417.916	-2.00	1560+0.000	417.996	417.569	0.427	4.000	417.916	-2.00	4.158	417.678	-150.00
-4.355	417.732	-150.00	-4.000	418.264	-2.00	1561+0.000	418.344	417.848	0.496	4.000	418.264	-2.00	4.203	417.961	-150.00
-4.294	418.241	-150.00	-4.000	418.683	-2.00	1562+0.000	418.763	418.341	0.422	4.000	418.683	-2.00	4.164	418.437	-150.00
-4.298	419.018	-150.00	-4.000	419.465	-2.00	1563+0.000	419.545	419.122	0.423	4.000	419.465	-2.00	4.162	419.222	-150.00
-4.338	419.715	-150.00	-4.000	420.223	-2.00	1564+0.000	420.303	419.872	0.431	4.000	420.223	-2.00	4.142	420.010	-150.00
-4.224	420.282	-150.00	-4.000	420.619	-2.00	1565+0.000	420.699	420.440	0.259	4.000	420.619	-2.00	4.019	420.590	-150.00
-4.150	420.695	-150.00	-4.000	420.920	-2.00	1566+0.000	421.000	420.965	0.035	4.000	420.920	-2.00	4.416	421.198	66.67
-4.227	420.881	-150.00	-4.000	421.222	-2.00	1567+0.000	421.302	421.123	0.179	4.000	421.222	-2.00	4.133	421.311	66.67
-4.500	420.683	-150.00	-4.000	421.433	-2.00	1568+0.000	421.513	421.039	0.474	4.000	421.433	-2.00	4.104	421.277	-150.00
-4.531	420.104	-150.00	-4.000	420.900	-2.00	1569+0.000	420.980	420.470	0.511	4.000	420.900	-2.00	4.071	420.793	-150.00
-4.451	419.692	-150.00	-4.000	420.368	-2.00	1570+0.000	420.448	420.030	0.418	4.000	420.368	-2.00	4.036	420.314	-150.00
-4.473	419.127	-150.00	-4.000	419.836	-2.00	1571+0.000	419.916	419.467	0.449	4.000	419.836	-2.00	4.041	419.775	-150.00
-4.487	418.591	-150.00	-4.000	419.322	-2.00	1572+0.000	419.402	418.945	0.457	4.000	419.322	-2.00	4.039	419.263	-150.00

Osvaldo Leôncio da Silva F
Diretor de Obras - Engenh
Prefeitura de Ponta Grossa - Estado
Secretaria

-4.519	418.169	-150.00	-4.000	418.947	-2.00	1573+0.000	419.027	418.525	0.502	4.000	418.947	-2.00	4.068	418.846	-150.00
-4.475	417.869	-150.00	-4.000	418.582	-2.00	1574+0.000	418.662	418.198	0.464	4.000	418.582	-2.00	4.080	418.461	-150.00
-4.487	417.219	-150.00	-4.000	417.948	-2.00	1575+0.000	418.028	417.533	0.495	4.000	417.948	-2.00	4.086	417.820	-150.00
-4.422	416.683	-150.00	-4.000	417.316	-2.00	1576+0.000	417.396	416.934	0.462	4.000	417.316	-2.00	4.083	417.192	-150.00
-4.381	416.357	-150.00	-4.000	416.929	-2.00	1577+0.000	417.009	416.590	0.419	4.000	416.929	-2.00	4.081	416.807	-150.00
-4.373	416.321	-150.00	-4.000	416.880	-2.00	1578+0.000	416.960	416.442	0.518	4.000	416.880	-2.00	4.191	416.593	-150.00
-4.270	416.763	-150.00	-4.000	417.168	-2.00	1579+0.000	417.248	416.871	0.377	4.000	417.168	-2.00	4.132	416.971	-150.00
-4.258	417.408	-150.00	-4.000	417.795	-2.00	1580+0.000	417.875	417.412	0.462	4.000	417.795	-2.00	4.200	417.494	-150.00
-4.167	418.509	-150.00	-4.000	418.759	-2.00	1581+0.000	418.839	418.513	0.326	4.000	418.759	-2.00	4.159	418.520	-150.00
-4.231	419.631	-150.00	-4.000	419.977	-2.00	1582+0.000	420.057	419.628	0.429	4.000	419.977	-2.00	4.219	419.648	-150.00
-4.187	420.929	-150.00	-4.000	421.210	-2.00	1583+0.000	421.290	420.913	0.377	4.000	421.210	-2.00	4.208	420.897	-150.00
-4.183	422.169	-150.00	-4.000	422.443	-2.00	1584+0.000	422.523	422.174	0.349	4.000	422.443	-2.00	4.185	422.166	-150.00
-4.208	423.364	-150.00	-4.000	423.676	-2.00	1585+0.000	423.756	423.379	0.377	4.000	423.676	-2.00	4.188	423.394	-150.00
-4.224	424.548	-150.00	-4.000	424.884	-2.00	1586+0.000	424.964	424.558	0.406	4.000	424.884	-2.00	4.226	424.545	-150.00
-4.257	425.493	-150.00	-4.000	425.878	-2.00	1587+0.000	425.958	425.523	0.435	4.000	425.878	-2.00	4.216	425.553	-150.00
-4.249	426.482	-150.00	-4.000	426.856	-2.00	1588+0.000	426.936	426.522	0.414	4.000	426.856	-2.00	4.222	426.522	-150.00
-4.285	427.257	-150.00	-4.000	427.684	-2.00	1589+0.000	427.764	427.266	0.498	4.000	427.684	-2.00	4.273	427.275	-150.00
-4.253	428.004	-150.00	-4.000	428.384	-2.00	1590+0.000	428.464	428.026	0.438	4.000	428.384	-2.00	4.232	428.036	-150.00
-4.230	428.609	-150.00	-4.000	428.954	-2.00	1591+0.000	429.034	428.605	0.429	4.000	428.954	-2.00	4.235	428.601	-150.00
-4.232	429.047	-150.00	-4.000	429.395	-2.00	1592+0.000	429.475	429.052	0.423	4.000	429.395	-2.00	4.232	429.046	-150.00
-4.244	429.340	-150.00	-4.000	429.706	-2.00	1593+0.000	429.786	429.350	0.436	4.000	429.706	-2.00	4.245	429.339	-150.00
-4.240	429.541	-150.00	-4.000	429.902	-2.00	1594+0.000	429.982	429.534	0.448	4.000	429.902	-2.00	4.253	429.522	-150.00
-4.242	429.716	-150.00	-4.000	430.080	-2.00	1595+0.000	430.160	429.713	0.447	4.000	430.080	-2.00	4.247	429.709	-150.00
-4.217	429.982	-150.00	-4.000	430.307	-2.00	1596+0.000	430.387	429.962	0.425	4.000	430.307	-2.00	4.239	429.949	-150.00
-4.224	430.357	-150.00	-4.000	430.694	-2.00	1597+0.000	430.774	430.329	0.444	4.000	430.694	-2.00	4.262	430.301	-150.00
-4.217	430.482	-150.00	-4.000	430.808	-2.00	1598+0.000	430.888	430.439	0.450	4.000	430.808	-2.00	4.287	430.378	-150.00
-4.212	430.371	-150.00	-4.000	430.689	-2.00	1599+0.000	430.769	430.310	0.459	4.000	430.689	-2.00	4.284	430.262	-150.00
-4.223	430.221	-150.00	-4.000	430.555	-2.00	1600+0.000	430.635	430.179	0.456	4.000	430.555	-2.00	4.285	430.128	-150.00
-4.295	429.986	-150.00	-4.000	430.427	-2.00	1601+0.000	430.507	429.945	0.562	4.000	430.427	-2.00	4.348	429.905	-150.00
-4.343	429.786	-150.00	-4.000	430.300	-2.00	1602+0.000	430.380	429.769	0.611	4.000	430.300	-2.00	4.375	429.738	-150.00
-4.412	429.555	-150.00	-4.000	430.173	-2.00	1603+0.000	430.253	429.560	0.692	4.000	430.173	-2.00	4.405	429.566	-150.00
-4.414	429.425	-150.00	-4.000	430.045	-2.00	1604+0.000	430.125	429.422	0.703	4.000	430.045	-2.00	4.414	429.425	-150.00
-4.397	429.322	-150.00	-4.000	429.918	-2.00	1605+0.000	429.998	429.320	0.678	4.000	429.918	-2.00	4.384	429.342	-150.00
-4.336	429.286	-150.00	-4.000	429.790	-2.00	1606+0.000	429.870	429.346	0.524	4.000	429.790	-2.00	4.269	429.387	-150.00
-4.304	429.206	-150.00	-4.000	429.663	-2.00	1607+0.000	429.743	429.266	0.477	4.000	429.663	-2.00	4.226	429.324	-150.00
-4.306	428.952	-150.00	-4.000	429.411	-2.00	1608+0.000	429.491	429.029	0.462	4.000	429.411	-2.00	4.240	429.051	-150.00
-4.322	428.190	-150.00	-4.000	428.673	-2.00	1609+0.000	428.753	428.270	0.483	4.000	428.673	-2.00	4.216	428.349	-150.00
-4.263	427.362	-150.00	-4.000	427.756	-2.00	1610+0.000	427.836	427.316	0.521	4.000	427.756	-2.00	4.323	427.271	-150.00
-4.235	425.924	-150.00	-4.000	426.276	-2.00	1611+0.000	426.356	425.882	0.475	4.000	426.276	-2.00	4.292	425.838	-150.00
-4.242	425.102	-150.00	-4.000	425.465	-2.00	1612+0.000	425.545	425.074	0.471	4.000	425.465	-2.00	4.288	425.033	-150.00
-4.267	424.398	-150.00	-4.000	424.798	-2.00	1613+0.000	424.878	424.343	0.536	4.000	424.798	-2.00	4.342	424.286	-150.00
-4.223	423.923	-150.00	-4.000	424.257	-2.00	1614+0.000	424.337	423.876	0.461	4.000	424.257	-2.00	4.288	423.824	-150.00
-4.219	423.686	-150.00	-4.000	424.014	-2.00	1615+0.000	424.094	423.656	0.437	4.000	424.014	-2.00	4.258	423.627	-150.00
-4.231	423.899	-150.00	-4.000	424.245	-2.00	1616+0.000	424.325	423.876	0.448	4.000	424.245	-2.00	4.260	423.854	-150.00
-4.347	424.157	-150.00	-4.000	424.677	-2.00	1617+0.000	424.757	424.152	0.606	4.000	424.677	-2.00	4.354	424.147	-150.00
-4.430	424.466	-150.00	-4.000	425.110	-2.00	1618+0.000	425.190	424.463	0.727	4.000	425.110	-2.00	4.433	424.460	-150.00
-4.449	424.870	-150.00	-4.000	425.543	-2.00	1619+0.000	425.623	424.861	0.763	4.000	425.543	-2.00	4.472	424.836	-150.00
-4.496	425.232	-150.00	-4.000	425.976	-2.00	1620+0.000	426.056	425.207	0.849	4.000	425.976	-2.00	4.530	425.182	-150.00
-4.551	425.582	-150.00	-4.000	426.409	-2.00	1621+0.000	426.489	425.568	0.921	4.000	426.409	-2.00	4.576	425.545	-150.00
-4.557	426.007	-150.00	-4.000	426.842	-2.00	1622+0.000	426.922	425.963	0.960	4.000	426.842	-2.00	4.616	425.918	-150.00
-4.564	426.429	-150.00	-4.000	427.275	-2.00	1623+0.000	427.355	426.410	0.946	4.000	427.275	-2.00	4.590	426.390	-150.00
-4.512	426.940	-150.00	-4.000	427.708	-2.00	1624+0.000	427.788	426.891	0.897	4.000	427.708	-2.00	4.578	426.842	-150.00
-4.505	427.383	-150.00	-4.000	428.141	-2.00	1625+0.000	428.221	427.359	0.862	4.000	428.141	-2.00	4.537	427.336	-150.00
-4.428	427.932	-150.00	-4.000	428.574	-2.00	1626+0.000	428.654	427.901	0.754	4.000	428.574	-2.00	4.473	427.864	-150.00
-4.372	428.449	-150.00	-4.000	429.007	-2.00	1627+0.000	429.087	428.418	0.669	4.000	429.007	-2.00	4.414	428.386	-150.00
-4.328	428.948	-150.00	-4.000	429.440	-2.00	1628+0.000	429.520	428.915	0.605	4.000	429.440	-2.00	4.372	428.882	-150.00
-4.313	429.403	-150.00	-4.000	429.873	-2.00	1629+0.000	429.953	429.377	0.576	4.000	429.873	-2.00	4.354	429.341	-150.00
-4.305	429.849	-150.00	-4.000	430.306	-2.00	1630+0.000	430.386	429.823	0.563	4.000	430.306	-2.00	4.342	429.792	-150.00
-4.286	430.310	-150.00	-4.000	430.739	-2.00	1631+0.000	430.819	430.302	0.517	4.000	430.739	-2.00	4.296	430.295	-150.00
-4.229	430.829	-150.00	-4.000	431.172	-2.00	1632+0.000	431.252	430.820	0.432	4.000	431.172	-2.00	4.241	430.811	-150.00
-4.215	431.365	-150.00	-4.000	431.687	-2.00	1633+0.000	431.767	431.345	0.422	4.000	431.687	-2.00	4.239	431.328	-150.00
-4.194	431.960	-150.00	-4.000	432.251	-2.00	1634+0.000	432.331	431.957	0.373	4.000	432.251	-2.00	4.197	431.955	-150.00
-4.181	432.543	-150.00	-4.000	432.815	-2.00	1635+0.000	432.895	432.549	0.346	4.000	432.815	-2.00	4.174	432.554	-150.00
-4.169	433.126	-150.00	-4.000	433.379	-2.00	1636+0.000	433.459	433.114	0.345	4.000	433.379	-2.00	4.185	433.102	-150.00
-4.240	433.543	-150.00	-4.000	433.903	-2.00	1637+0.000	433.983	433.552	0.431	4.000	433.903	-2.00	4.228	433.561	-150.00
-4.225	433.869	-150.00	-4.000	434.206	-2.00	1638+0.000	434.286	433.875	0.411	4.000	434.206	-2.00	4.226	433.867	-150.00
-4.271	433.831	-150.00	-4.000	434.238	-2.00	1639+0.000	434.318	433.849	0.469	4.000	434.238	-2.00	4.248	433.867	-150.00
-4.272	433.881	-150.00	-4.000	434.288	-2.00	1640+0.000	434.368	433.900	0.468	4.000	434.288	-2.00	4.245	433.920	-150.00
-4.268	433.971	-150.00	-4.000	434.372	-2.00	1641+0.000	434.452	434.024	0.429	4.000	434.372	-2.00	4.218	434.045	-150.00
-4.242	434.094	-150.00	-4.000	434.457	-2.00	1642+0.000	434.537	434.153	0.383	4.000	434.457	-2.00	4.184	434.181	-150.00
-4.189	434.257	-150.00	-4.000	434.541	-2.00	1643+0.000	434.621	434.287	0.334	4.000	434.541	-2.00	4.150	434.316	-150.00
-4.107	434.465	-150.00	-4.000	434.625	-2.00	1644+0.000	434.705	434.497	0.208	4.000	434.625	-2.00	4.064	434.530	-150.00
-4.085	434.767	66.67	-4.000	434.710	-2.00	1645+0.000	434.790	434.802	-0.012	4.000	434.710	-2.00	4.115	434.787	66.67
-4.184	434.917	66.67	-4.000	434.794	-2.00	1646+0.000	434.874	434.902	-0.027	4.000	434.794	-2.00	4.138	434.886	66.67
-4.207	435.016	66.67	-4.000	434.879	-2.00	1647+0.000	434.959	435.001	-0.042	4.000	434.879	-2.00	4.161	434.986	66.67
-4.143	435.058	66.67	-4.000	434.963	-2.00	1648+0.000	435.043	435.014	0.029	4.000	434.963	-2.00	4.013	434.972	66.67
-4.018	435.020	-150.00	-4.000	435.047	-2.00	1649+0.000	435.127	434.980	0.147	4.000	435.047	-2.00	4.072	434.940	-150.00
-4.096	434.988	-150.00	-4.000	435.132	-2.00	1650+0.000	435.212	434.957	0.254	4.000	435.132	-2.00	4.137	434.927	-150.00
-4.163	434.971	-150.00	-4.000	435.216	-2.00	1651+0.000	435.296	434.947	0.349	4.000	435.216	-2.00	4.196	434.922	-150.00

Osvaldo Leoncio da S... Filho
Diretor de Unidade de Es...
Procedência Ígneas - DUEI
Secretaria de Estado ...

-4.233	434.942	-150.00	-4.000	435.291	-2.00	1652+0.000	435.371	434.962	0.409	4.000	435.291	-2.00	4.191	435.005	-150.00
-4.197	435.031	-150.00	-4.000	435.326	-2.00	1653+0.000	435.406	435.110	0.296	4.000	435.326	-2.00	4.093	435.187	-150.00
-4.246	434.992	-150.00	-4.000	435.360	-2.00	1654+0.000	435.440	435.070	0.370	4.000	435.360	-2.00	4.137	435.154	-150.00
-4.305	434.936	-150.00	-4.000	435.394	-2.00	1655+0.000	435.474	435.049	0.425	4.000	435.394	-2.00	4.158	435.158	-150.00
-4.311	434.843	-150.00	-4.000	435.309	-2.00	1656+0.000	435.389	434.955	0.434	4.000	435.309	-2.00	4.164	435.063	-150.00
-4.239	434.723	-150.00	-4.000	435.081	-2.00	1657+0.000	435.161	434.839	0.322	4.000	435.081	-2.00	4.087	434.950	-150.00
-4.215	434.530	-150.00	-4.000	434.852	-2.00	1658+0.000	434.932	434.640	0.293	4.000	434.852	-2.00	4.071	434.745	-150.00
-4.303	434.196	-150.00	-4.000	434.651	-2.00	1659+0.000	434.731	434.286	0.445	4.000	434.651	-2.00	4.170	434.397	-150.00
-4.297	434.150	-150.00	-4.000	434.596	-2.00	1660+0.000	434.676	434.248	0.428	4.000	434.596	-2.00	4.160	434.356	-150.00
-4.299	434.091	-150.00	-4.000	434.540	-2.00	1661+0.000	434.620	434.201	0.419	4.000	434.540	-2.00	4.157	434.305	-150.00
-4.319	434.006	-150.00	-4.000	434.484	-2.00	1662+0.000	434.564	434.119	0.445	4.000	434.484	-2.00	4.170	434.229	-150.00
-4.335	433.983	-150.00	-4.000	434.486	-2.00	1663+0.000	434.566	434.121	0.445	4.000	434.486	-2.00	4.170	434.231	-150.00
-4.325	433.747	-150.00	-4.000	434.235	-2.00	1664+0.000	434.315	433.846	0.469	4.000	434.235	-2.00	4.196	433.942	-150.00
-4.327	433.420	-150.00	-4.000	433.910	-2.00	1665+0.000	433.990	433.521	0.469	4.000	433.910	-2.00	4.196	433.617	-150.00
-4.292	432.765	-150.00	-4.000	433.203	-2.00	1666+0.000	433.283	432.758	0.525	4.000	433.203	-2.00	4.301	432.752	-150.00
-4.280	431.877	-150.00	-4.000	432.296	-2.00	1667+0.000	432.376	431.873	0.503	4.000	432.296	-2.00	4.284	431.870	-150.00
-4.315	430.888	-150.00	-4.000	431.360	-2.00	1668+0.000	431.440	430.842	0.598	4.000	431.360	-2.00	4.376	430.796	-150.00
-4.420	429.773	-150.00	-4.000	430.403	-2.00	1669+0.000	430.483	429.733	0.750	4.000	430.403	-2.00	4.474	429.693	-150.00
-4.531	428.650	-150.00	-4.000	429.447	-2.00	1670+0.000	429.527	428.666	0.861	4.000	429.447	-2.00	4.536	428.642	-150.00
-4.598	427.593	-150.00	-4.000	428.491	-2.00	1671+0.000	428.571	427.561	1.010	4.000	428.491	-2.00	4.642	427.528	-150.00
-4.640	426.575	-150.00	-4.000	427.534	-2.00	1672+0.000	427.614	426.589	1.026	4.000	427.534	-2.00	4.621	426.603	-150.00
-4.655	425.595	-150.00	-4.000	426.578	-2.00	1673+0.000	426.658	425.632	1.026	4.000	426.578	-2.00	4.607	425.668	-150.00
-4.638	424.665	-150.00	-4.000	425.621	-2.00	1674+0.000	425.701	424.684	1.018	4.000	425.621	-2.00	4.613	424.703	-150.00
-4.661	423.673	-150.00	-4.000	424.665	-2.00	1675+0.000	424.745	423.718	1.027	4.000	424.665	-2.00	4.597	423.769	-150.00
-4.421	423.077	-150.00	-4.000	423.709	-2.00	1676+0.000	423.789	423.068	0.721	4.000	423.709	-2.00	4.434	423.058	-150.00
-4.252	422.380	-150.00	-4.000	422.758	-2.00	1677+0.000	422.838	422.368	0.470	4.000	422.758	-2.00	4.260	422.368	-150.00
-4.226	421.973	-150.00	-4.000	422.313	-2.00	1678+0.000	422.393	421.943	0.449	4.000	422.313	-2.00	4.271	421.907	-150.00
-4.227	421.654	-150.00	-4.000	421.995	-2.00	1679+0.000	422.075	421.626	0.449	4.000	421.995	-2.00	4.269	421.591	-150.00
-4.234	421.622	-150.00	-4.000	421.973	-2.00	1680+0.000	422.053	421.644	0.409	4.000	421.973	-2.00	4.207	421.663	-150.00
-4.246	421.895	-150.00	-4.000	422.264	-2.00	1681+0.000	422.344	421.917	0.427	4.000	422.264	-2.00	4.217	421.938	-150.00
-4.225	422.335	-150.00	-4.000	422.672	-2.00	1682+0.000	422.752	422.354	0.398	4.000	422.672	-2.00	4.193	422.383	-150.00
-4.171	422.934	-150.00	-4.000	423.190	-2.00	1683+0.000	423.270	422.962	0.308	4.000	423.190	-2.00	4.133	422.990	-150.00
-4.135	423.505	-150.00	-4.000	423.707	-2.00	1684+0.000	423.787	423.509	0.278	4.000	423.707	-2.00	4.127	423.517	-150.00
-4.131	424.028	-150.00	-4.000	424.225	-2.00	1685+0.000	424.305	424.038	0.267	4.000	424.225	-2.00	4.118	424.047	-150.00
-4.176	424.478	-150.00	-4.000	424.742	-2.00	1686+0.000	424.822	424.484	0.339	4.000	424.742	-2.00	4.169	424.489	-150.00
-4.231	424.876	-150.00	-4.000	425.223	-2.00	1687+0.000	425.303	424.868	0.434	4.000	425.223	-2.00	4.241	424.861	-150.00
-4.247	425.082	-150.00	-4.000	425.453	-2.00	1688+0.000	425.533	425.096	0.437	4.000	425.453	-2.00	4.229	425.109	-150.00
-4.253	425.241	-150.00	-4.000	425.620	-2.00	1689+0.000	425.700	425.255	0.446	4.000	425.620	-2.00	4.233	425.272	-150.00
-4.274	425.193	-150.00	-4.000	425.604	-2.00	1690+0.000	425.684	425.232	0.452	4.000	425.604	-2.00	4.223	425.271	-150.00
-4.271	425.098	-150.00	-4.000	425.504	-2.00	1691+0.000	425.584	425.137	0.447	4.000	425.504	-2.00	4.220	425.174	-150.00
-4.273	425.064	-150.00	-4.000	425.473	-2.00	1692+0.000	425.553	425.110	0.443	4.000	425.473	-2.00	4.211	425.156	-150.00
-4.274	425.112	-150.00	-4.000	425.523	-2.00	1693+0.000	425.603	425.158	0.445	4.000	425.523	-2.00	4.213	425.203	-150.00
-4.233	425.297	-150.00	-4.000	425.647	-2.00	1694+0.000	425.727	425.327	0.400	4.000	425.647	-2.00	4.186	425.368	-150.00
-4.148	425.594	-150.00	-4.000	425.816	-2.00	1695+0.000	425.896	425.637	0.259	4.000	425.816	-2.00	4.089	425.683	-150.00
-4.070	425.881	-150.00	-4.000	425.985	-2.00	1696+0.000	426.065	425.914	0.151	4.000	425.985	-2.00			
-4.027	426.114	-150.00	-4.000	426.154	-2.00	1697+0.000	426.234	426.144	0.090	4.000	426.154	-2.00	4.031	426.175	66.67
-4.093	426.184	-150.00	-4.000	426.323	-2.00	1698+0.000	426.403	426.220	0.183	4.000	426.323	-2.00	4.045	426.256	-150.00
-4.112	426.324	-150.00	-4.000	426.492	-2.00	1699+0.000	426.572	426.341	0.231	4.000	426.492	-2.00	4.090	426.357	-150.00
-4.105	426.504	-150.00	-4.000	426.661	-2.00	1700+0.000	426.741	426.588	0.153	4.000	426.661	-2.00	4.015	426.671	66.67
-4.259	426.441	-150.00	-4.000	426.830	-2.00	1701+0.000	426.910	426.526	0.385	4.000	426.830	-2.00	4.137	426.625	-150.00
-4.280	426.773	-150.00	-4.000	427.193	-2.00	1702+0.000	427.273	426.882	0.391	4.000	427.193	-2.00	4.150	426.968	-150.00
-4.286	427.278	-150.00	-4.000	427.708	-2.00	1703+0.000	427.788	427.371	0.417	4.000	427.708	-2.00	4.167	427.457	-150.00
-4.260	427.936	-150.00	-4.000	428.325	-2.00	1704+0.000	428.405	427.991	0.414	4.000	428.325	-2.00	4.187	428.045	-150.00
-4.274	428.689	-150.00	-4.000	429.100	-2.00	1705+0.000	429.180	428.745	0.435	4.000	429.100	-2.00	4.201	428.798	-150.00
-4.281	429.290	-150.00	-4.000	429.712	-2.00	1706+0.000	429.792	429.341	0.450	4.000	429.712	-2.00	4.207	429.401	-150.00
-4.257	429.755	-150.00	-4.000	430.140	-2.00	1707+0.000	430.220	429.780	0.440	4.000	430.140	-2.00	4.226	429.800	-150.00
-4.235	429.989	-150.00	-4.000	430.342	-2.00	1708+0.000	430.422	430.012	0.410	4.000	430.342	-2.00	4.205	430.035	-150.00
-4.253	430.110	-150.00	-4.000	430.490	-2.00	1709+0.000	430.570	430.127	0.443	4.000	430.490	-2.00	4.228	430.149	-150.00
-4.212	430.137	-150.00	-4.000	430.454	-2.00	1710+0.000	430.534	430.162	0.372	4.000	430.454	-2.00	4.179	430.187	-150.00
-4.250	430.005	-150.00	-4.000	430.380	-2.00	1711+0.000	430.460	430.014	0.446	4.000	430.380	-2.00	4.220	430.051	-150.00
-4.261	430.037	-150.00	-4.000	430.428	-2.00	1712+0.000	430.508	430.045	0.463	4.000	430.428	-2.00	4.250	430.054	-150.00
-4.240	430.144	-150.00	-4.000	430.503	-2.00	1713+0.000	430.583	430.152	0.432	4.000	430.503	-2.00	4.225	430.166	-150.00
-4.192	430.444	-150.00	-4.000	430.733	-2.00	1714+0.000	430.813	430.411	0.402	4.000	430.733	-2.00	4.237	430.377	-150.00
-4.220	430.687	-150.00	-4.000	431.017	-2.00	1715+0.000	431.097	430.657	0.440	4.000	431.017	-2.00	4.251	430.641	-150.00
-4.238	430.877	-150.00	-4.000	431.234	-2.00	1716+0.000	431.314	430.854	0.460	4.000	431.234	-2.00	4.267	430.833	-150.00
-4.239	431.056	-150.00	-4.000	431.414	-2.00	1717+0.000	431.494	431.037	0.456	4.000	431.414	-2.00	4.280	430.994	-150.00
-4.251	431.216	-150.00	-4.000	431.593	-2.00	1718+0.000	431.673	431.110	0.563	4.000	431.593	-2.00	4.371	431.036	-150.00
-4.177	431.507	-150.00	-4.000	431.772	-2.00	1719+0.000	431.852	431.403	0.450	4.000	431.772	-2.00	4.319	431.294	-150.00
-4.188	431.805	-150.00	-4.000	432.087	-2.00	1720+0.000	432.167	431.720	0.447	4.000	432.087	-2.00	4.300	431.638	-150.00
-4.214	432.168	-150.00	-4.000	432.490	-2.00	1721+0.000	432.570	432.070	0.500	4.000	432.490	-2.00	4.345	431.972	-150.00
-4.241	432.530	-150.00	-4.000	432.892	-2.00	1722+0.000	432.972	432.431	0.541	4.000	432.892	-2.00	4.353	432.362	-150.00
-4.233	432.945	-150.00	-4.000	433.295	-2.00	1723+0.000	433.375	432.846	0.529	4.000	433.295	-2.00	4.368	432.743	-150.00
-4.188	433.416	-150.00	-4.000	433.697	-2.00	1724+0.000	433.777	433.326	0.452	4.000	433.697	-2.00	4.302	433.244	-150.00
-4.173	433.829	-150.00	-4.000	434.089	-2.00	1725+0.000	434.169	433.748	0.421	4.000	434.089	-2.00	4.283	433.665	-150.00
-4.190	434.044	-150.00	-4.000	434.329	-2.00	1726+0.000	434.409	433.955	0.453	4.000	434.329	-2.00	4.307	433.868	-150.00
-4.190	434.157	-150.00	-4.000	434.443	-2.00	1727+0.000	434.523	434.066	0.457	4.000	434.443	-2.00	4.314	433.972	-150.00
-4.220	434.225	-150.00	-4.000	434.556	-2.00	1728+0.000	434.636	434.137	0.499	4.000	434.556	-2.00	4.343	434.041	-150.00
-4.252	434.289	-150.00	-4.000	434.668	-2.00	1729+0.000	434.748	434.205	0.543	4.000	434.668	-2.00	4.366	434.119	-150.00
-4.215	434.458	-150.00	-4.000	434.780	-2.00	1730+0.000	434.860	434.382	0.479	4.000	434.780	-2.00	4.321	434.299	-150.00

Gerald de Leonardis
Director
Project
Secretary

-4.258	434.636	-150.00	-4.000	435.023	-2.00	1731+0.000	435.103	434.575	0.528	4.000	435.023	-2.00	4.338	434.516	-150.00
-4.302	434.857	-150.00	-4.000	435.310	-2.00	1732+0.000	435.390	434.798	0.592	4.000	435.310	-2.00	4.380	434.740	-150.00
-4.312	435.129	-150.00	-4.000	435.597	-2.00	1733+0.000	435.677	435.062	0.614	4.000	435.597	-2.00	4.402	434.994	-150.00
-4.300	435.433	-150.00	-4.000	435.883	-2.00	1734+0.000	435.963	435.370	0.594	4.000	435.883	-2.00	4.382	435.311	-150.00
-4.202	435.876	-150.00	-4.000	436.178	-2.00	1735+0.000	436.258	435.798	0.461	4.000	436.178	-2.00	4.306	435.719	-150.00
-4.173	436.334	-150.00	-4.000	436.594	-2.00	1736+0.000	436.674	436.251	0.423	4.000	436.594	-2.00	4.262	436.201	-150.00
-4.165	436.889	-150.00	-4.000	437.137	-2.00	1737+0.000	437.217	436.792	0.425	4.000	437.137	-2.00	4.283	436.712	-150.00
-4.161	437.452	-150.00	-4.000	437.693	-2.00	1738+0.000	437.773	437.355	0.418	4.000	437.693	-2.00	4.289	437.260	-150.00
-4.188	438.074	-150.00	-4.000	438.356	-2.00	1739+0.000	438.436	438.044	0.392	4.000	438.356	-2.00	4.228	438.014	-150.00
-4.208	438.807	-150.00	-4.000	439.119	-2.00	1740+0.000	439.199	438.768	0.432	4.000	439.119	-2.00	4.259	438.731	-150.00
-4.251	439.505	-150.00	-4.000	439.882	-2.00	1741+0.000	439.962	439.464	0.498	4.000	439.882	-2.00	4.285	439.454	-150.00
-4.259	440.258	-150.00	-4.000	440.646	-2.00	1742+0.000	440.726	440.267	0.459	4.000	440.646	-2.00	4.247	440.276	-150.00
-4.241	441.048	-150.00	-4.000	441.409	-2.00	1743+0.000	441.489	441.050	0.438	4.000	441.409	-2.00	4.233	441.059	-150.00
-4.230	441.827	-150.00	-4.000	442.172	-2.00	1744+0.000	442.252	441.827	0.425	4.000	442.172	-2.00	4.229	441.828	-150.00
-4.232	442.588	-150.00	-4.000	442.935	-2.00	1745+0.000	443.015	442.590	0.425	4.000	442.935	-2.00	4.229	442.592	-150.00
-4.233	443.334	-150.00	-4.000	443.684	-2.00	1746+0.000	443.764	443.343	0.421	4.000	443.684	-2.00	4.222	443.352	-150.00
-4.222	443.984	-150.00	-4.000	444.318	-2.00	1747+0.000	444.398	443.977	0.421	4.000	444.318	-2.00	4.232	443.970	-150.00
-4.175	444.753	-150.00	-4.000	445.015	-2.00	1748+0.000	445.095	444.688	0.408	4.000	445.015	-2.00	4.263	444.621	-150.00
-4.187	445.538	-150.00	-4.000	445.819	-2.00	1749+0.000	445.899	445.489	0.410	4.000	445.819	-2.00	4.253	445.440	-150.00
-4.197	446.410	-150.00	-4.000	446.705	-2.00	1750+0.000	446.785	446.381	0.404	4.000	446.705	-2.00	4.236	446.352	-150.00
-4.247	447.293	-150.00	-4.000	447.664	-2.00	1751+0.000	447.744	447.323	0.421	4.000	447.664	-2.00	4.207	447.353	-150.00
-4.222	448.290	-150.00	-4.000	448.623	-2.00	1752+0.000	448.703	448.301	0.402	4.000	448.623	-2.00	4.212	448.305	-150.00
-4.229	449.238	-150.00	-4.000	449.582	-2.00	1753+0.000	449.662	449.258	0.403	4.000	449.582	-2.00	4.203	449.278	-150.00
-4.234	450.189	-150.00	-4.000	450.540	-2.00	1754+0.000	450.620	450.208	0.411	4.000	450.540	-2.00	4.211	450.223	-150.00
-4.229	451.050	-150.00	-4.000	451.393	-2.00	1755+0.000	451.473	451.055	0.418	4.000	451.393	-2.00	4.223	451.059	-150.00
-4.217	451.852	-150.00	-4.000	452.178	-2.00	1756+0.000	452.258	451.842	0.416	4.000	452.178	-2.00	4.238	451.820	-150.00
-4.218	452.362	-150.00	-4.000	452.689	-2.00	1757+0.000	452.769	452.334	0.435	4.000	452.689	-2.00	4.255	452.306	-150.00
-4.224	452.705	-150.00	-4.000	453.042	-2.00	1758+0.000	453.122	452.664	0.458	4.000	453.042	-2.00	4.277	452.626	-150.00
-4.260	453.011	-150.00	-4.000	453.401	-2.00	1759+0.000	453.481	452.992	0.490	4.000	453.401	-2.00	4.284	452.975	-150.00
-4.213	453.470	-150.00	-4.000	453.789	-2.00	1760+0.000	453.869	453.474	0.395	4.000	453.789	-2.00	4.207	453.479	-150.00
-4.112	454.009	-150.00	-4.000	454.177	-2.00	1761+0.000	454.257	454.022	0.234	4.000	454.177	-2.00	4.094	454.035	-150.00
-4.110	454.638	66.67	-4.000	454.564	-2.00	1762+0.000	454.644	454.642	0.003	4.000	454.564	-2.00	4.121	454.645	66.67
-4.144	455.048	66.67	-4.000	454.952	-2.00	1763+0.000	455.032	455.044	-0.012	4.000	454.952	-2.00	4.155	455.056	66.67
-4.022	455.354	66.67	-4.000	455.340	-2.00	1764+0.000	455.420	455.362	0.058	4.000	455.340	-2.00	4.044	455.369	66.67
-4.062	455.635	-150.00	-4.000	455.728	-2.00	1765+0.000	455.808	455.643	0.165	4.000	455.728	-2.00	4.051	455.651	-150.00
-4.156	455.882	-150.00	-4.000	456.115	-2.00	1766+0.000	456.195	455.931	0.265	4.000	456.115	-2.00	4.091	455.978	-150.00
-4.210	456.188	-150.00	-4.000	456.503	-2.00	1767+0.000	456.583	456.232	0.351	4.000	456.503	-2.00	4.151	456.276	-150.00
-4.235	456.556	-150.00	-4.000	456.908	-2.00	1768+0.000	456.988	456.577	0.411	4.000	456.908	-2.00	4.198	456.611	-150.00
-4.265	457.151	-150.00	-4.000	457.548	-2.00	1769+0.000	457.628	457.225	0.403	4.000	457.548	-2.00	4.167	457.297	-150.00
-4.214	458.020	-150.00	-4.000	458.341	-2.00	1770+0.000	458.421	458.065	0.356	4.000	458.341	-2.00	4.155	458.109	-150.00
-4.159	458.911	-150.00	-4.000	459.150	-2.00	1771+0.000	459.230	458.933	0.297	4.000	459.150	-2.00	4.131	458.954	-150.00
-4.103	459.804	-150.00	-4.000	459.958	-2.00	1772+0.000	460.038	459.813	0.226	4.000	459.958	-2.00	4.091	459.821	-150.00
-4.037	460.648	-150.00	-4.000	460.703	-2.00	1773+0.000	460.783	460.655	0.128	4.000	460.703	-2.00	4.035	460.651	-150.00
-4.093	461.169	-150.00	-4.000	461.308	-2.00	1774+0.000	461.388	461.092	0.296	4.000	461.308	-2.00	4.190	461.023	-150.00
-4.178	461.507	-150.00	-4.000	461.773	-2.00	1775+0.000	461.853	461.428	0.425	4.000	461.773	-2.00	4.284	461.348	-150.00
-4.159	461.861	-150.00	-4.000	462.100	-2.00	1776+0.000	462.180	461.745	0.434	4.000	462.100	-2.00	4.317	461.625	-150.00
-4.173	462.045	-150.00	-4.000	462.305	-2.00	1777+0.000	462.385	461.923	0.461	4.000	462.305	-2.00	4.339	461.797	-150.00
-4.139	462.284	-150.00	-4.000	462.492	-2.00	1778+0.000	462.572	462.127	0.445	4.000	462.492	-2.00	4.354	461.962	-150.00
-4.136	462.451	-150.00	-4.000	462.654	-2.00	1779+0.000	462.734	462.295	0.439	4.000	462.654	-2.00	4.349	462.131	-150.00
-4.111	462.666	-150.00	-4.000	462.832	-2.00	1780+0.000	462.912	462.489	0.423	4.000	462.832	-2.00	4.341	462.321	-150.00
-4.097	463.076	-150.00	-4.000	463.222	-2.00	1781+0.000	463.302	462.899	0.402	4.000	463.222	-2.00	4.340	462.712	-150.00
-4.081	463.490	-150.00	-4.000	463.611	-2.00	1782+0.000	463.691	463.332	0.360	4.000	463.611	-2.00	4.298	463.165	-150.00
-4.098	463.844	-150.00	-4.000	463.991	-2.00	1783+0.000	464.071	463.639	0.432	4.000	463.991	-2.00	4.381	463.419	-150.00
-4.089	464.117	-150.00	-4.000	464.251	-2.00	1784+0.000	464.331	463.906	0.424	4.000	464.251	-2.00	4.380	463.681	-150.00
-4.098	464.326	-150.00	-4.000	464.473	-2.00	1785+0.000	464.553	464.118	0.435	4.000	464.473	-2.00	4.385	463.895	-150.00
-4.090	464.500	-150.00	-4.000	464.635	-2.00	1786+0.000	464.715	464.269	0.445	4.000	464.635	-2.00	4.409	464.021	-150.00
-4.144	464.562	-150.00	-4.000	464.778	-2.00	1787+0.000	464.858	464.337	0.521	4.000	464.778	-2.00	4.447	464.108	-150.00
-4.173	464.662	-150.00	-4.000	464.921	-2.00	1788+0.000	465.001	464.445	0.556	4.000	464.921	-2.00	4.471	464.215	-150.00
-4.178	464.798	-150.00	-4.000	465.065	-2.00	1789+0.000	465.145	464.559	0.586	4.000	465.065	-2.00	4.509	464.302	-150.00
-4.165	464.961	-150.00	-4.000	465.208	-2.00	1790+0.000	465.288	464.707	0.581	4.000	465.208	-2.00	4.517	464.433	-150.00
-4.073	465.241	-150.00	-4.000	465.351	-2.00	1791+0.000	465.431	464.978	0.453	4.000	465.351	-2.00	4.448	464.678	-150.00
-4.086	465.274	-150.00	-4.000	465.403	-2.00	1792+0.000	465.483	465.028	0.456	4.000	465.403	-2.00	4.428	464.761	-150.00
-4.047	465.378	-150.00	-4.000	465.448	-2.00	1793+0.000	465.528	465.110	0.418	4.000	465.448	-2.00	4.421	464.816	-150.00
-4.065	465.392	-150.00	-4.000	465.489	-2.00	1794+0.000	465.569	465.122	0.447	4.000	465.489	-2.00	4.445	464.822	-150.00
-4.067	465.368	-150.00	-4.000	465.469	-2.00	1795+0.000	465.549	465.080	0.469	4.000	465.469	-2.00	4.471	464.763	-150.00
-4.081	465.326	-150.00	-4.000	465.447	-2.00	1796+0.000	465.527	465.037	0.490	4.000	465.447	-2.00	4.484	464.721	-150.00
-4.086	465.297	-150.00	-4.000	465.425	-2.00	1797+0.000	465.505	465.014	0.491	4.000	465.425	-2.00	4.485	464.698	-150.00
-4.093	465.263	-150.00	-4.000	465.403	-2.00	1798+0.000	465.483	464.989	0.493	4.000	465.403	-2.00	4.475	464.691	-150.00
-4.047	465.362	-150.00	-4.000	465.432	-2.00	1799+0.000	465.512	465.083	0.429	4.000	465.432	-2.00	4.436	464.778	-150.00
-4.028	465.750	-150.00	-4.000	465.793	-2.00	1800+0.000	465.873	465.488	0.385	4.000	465.793	-2.00	4.397	465.197	-150.00
-4.061	466.268	66.67	-4.000	466.227	-2.00	1801+0.000	466.307	466.005	0.302	4.000	466.227	-2.00	4.335	465.725	-150.00
			-4.000	466.661	-2.00	1802+0.000	466.741	466.397	0.344	4.000	466.661	-2.00	4.366	466.113	-150.00
-4.048	467.023	-150.00	-4.000	467.095	-2.00	1803+0.000	467.175	466.745	0.431	4.000	467.095	-2.00	4.437	466.440	-150.00
-4.095	467.386	-150.00	-4.000	467.530	-2.00	1804+0.000	467.610	467.105	0.505	4.000	467.530	-2.00	4.489	466.796	-150.00
-4.061	467.872	-150.00	-4.000	467.964	-2.00	1805+0.000	468.044	467.536	0.508	4.000	467.964	-2.00	4.536	467.160	-150.00
-4.083	468.274	-150.00	-4.000	468.398	-2.00	1806+0.000	468.478	467.950	0.528	4.000	468.398	-2.00	4.539	467.589	-150.00
-4.035	468.780	-150.00	-4.000	468.832	-2.00	1807+0.000	468.912	468.465	0.447	4.000	468.832	-2.00	4.478	468.115	-150.00
-4.021	469.470	-150.00	-4.000	469.501	-2.00	1808+0.000	469.581	469.169	0.413	4.000	469.501	-2.00	4.437	468.845	-150.00
-4.049	470.261	-150.00	-4.000	470.335	-2.00	1809+0.000	470.415	469.966	0.449	4.000	470.335	-2.00	4.463	469.640	-150.00

Osvaldo Lefebvre da S...
Diretoria Técnica - ...
Projetos e Obras - ...
Secretaria ...

-4.046	471.023	-150.00	-4.000	471.092	-2.00	1810+0.000	471.172	470.747	0.425	4.000	471.092	-2.00	4.431	470.445	-150.00
-4.201	471.738	66.67	-4.000	471.604	-2.00	1811+0.000	471.684	471.431	0.253	4.000	471.604	-2.00	4.326	471.115	-150.00
-4.631	472.501	66.67	-4.000	472.081	-2.00	1812+0.000	472.161	472.191	-0.030	4.000	472.081	-2.00	4.110	471.916	-150.00
-4.654	472.994	66.67	-4.000	472.558	-2.00	1813+0.000	472.638	472.731	-0.093	4.000	472.558	-2.00	4.053	472.479	-150.00
-4.005	473.027	-150.00	-4.000	473.035	-2.00	1814+0.000	473.115	472.790	0.325	4.000	473.035	-2.00	4.307	472.574	-150.00
-4.024	473.444	-150.00	-4.000	473.481	-2.00	1815+0.000	473.561	473.188	0.373	4.000	473.481	-2.00	4.382	472.908	-150.00
-4.039	473.846	-150.00	-4.000	473.905	-2.00	1816+0.000	473.985	473.616	0.369	4.000	473.905	-2.00	4.358	473.367	-150.00
-4.053	474.249	-150.00	-4.000	474.328	-2.00	1817+0.000	474.408	474.032	0.376	4.000	474.328	-2.00	4.353	473.799	-150.00
-4.024	474.717	-150.00	-4.000	474.752	-2.00	1818+0.000	474.832	474.436	0.396	4.000	474.752	-2.00	4.372	474.194	-150.00
-4.402	475.259	66.67	-4.000	474.991	-2.00	1819+0.000	475.071	474.985	0.086	4.000	474.991	-2.00	4.177	474.726	-150.00
-4.196	475.355	66.67	-4.000	475.225	-2.00	1820+0.000	475.305	475.110	0.195	4.000	475.225	-2.00	4.242	474.862	-150.00
-4.025	475.406	-150.00	-4.000	475.444	-2.00	1821+0.000	475.524	475.101	0.422	4.000	475.444	-2.00	4.411	474.827	-150.00
-4.160	475.362	66.67	-4.000	475.255	-2.00	1822+0.000	475.335	475.081	0.254	4.000	475.255	-2.00	4.310	474.790	-150.00
-4.022	475.081	66.67	-4.000	475.067	-2.00	1823-0.000	475.147	474.839	0.308	4.000	475.067	-2.00	4.326	474.577	-150.00
-4.046	474.809	-150.00	-4.000	474.878	-2.00	1824-0.000	474.958	474.524	0.434	4.000	474.878	-2.00	4.407	474.268	-150.00
-4.159	474.452	-150.00	-4.000	474.690	-2.00	1825-0.000	474.770	474.199	0.571	4.000	474.690	-2.00	4.511	473.924	-150.00
-4.140	474.292	-150.00	-4.000	474.502	-2.00	1826-0.000	474.582	474.024	0.558	4.000	474.502	-2.00	4.514	473.731	-150.00
-4.036	474.308	-150.00	-4.000	474.363	-2.00	1827+0.000	474.443	474.003	0.440	4.000	474.363	-2.00	4.443	473.698	-150.00
			-4.000	474.451	-2.00	1828+0.000	474.531	474.139	0.392	4.000	474.451	-2.00	4.440	473.791	-150.00
-4.008	474.546	66.67	-4.000	474.541	-2.00	1829+0.000	474.621	474.244	0.377	4.000	474.541	-2.00	4.420	473.910	-150.00
-4.033	474.451	-150.00	-4.000	474.502	-2.00	1830+0.000	474.582	474.131	0.450	4.000	474.502	-2.00	4.476	473.788	-150.00
-4.023	474.320	-150.00	-4.000	474.354	-2.00	1831+0.000	474.434	473.987	0.448	4.000	474.354	-2.00	4.493	473.615	-150.00
-4.036	474.154	-150.00	-4.000	474.207	-2.00	1832+0.000	474.287	473.828	0.460	4.000	474.207	-2.00	4.496	473.464	-150.00
-4.026	474.021	-150.00	-4.000	474.060	-2.00	1833+0.000	474.140	473.692	0.448	4.000	474.060	-2.00	4.489	473.327	-150.00
-4.006	473.977	-150.00	-4.000	473.986	-2.00	1834+0.000	474.066	473.628	0.438	4.000	473.986	-2.00	4.510	473.220	-150.00
			-4.000	473.950	-2.00	1835+0.000	474.030	473.589	0.441	4.000	473.950	-2.00	4.512	473.181	-150.00
-4.082	474.059	66.67	-4.000	474.004	-2.00	1836+0.000	474.084	473.717	0.367	4.000	474.004	-2.00	4.439	473.346	-150.00
-4.246	474.239	66.67	-4.000	474.075	-2.00	1837+0.000	474.155	473.879	0.276	4.000	474.075	-2.00	4.376	473.511	-150.00
-4.441	474.439	66.67	-4.000	474.145	-2.00	1838+0.000	474.225	474.077	0.148	4.000	474.145	-2.00	4.278	473.728	-150.00
-4.320	474.428	66.67	-4.000	474.215	-2.00	1839+0.000	474.295	474.089	0.206	4.000	474.215	-2.00	4.314	473.744	-150.00
-4.023	474.168	-150.00	-4.000	474.203	-2.00	1840+0.000	474.283	473.826	0.457	4.000	474.203	-2.00	4.507	473.442	-150.00
-4.054	473.620	-150.00	-4.000	473.701	-2.00	1841+0.000	473.781	473.290	0.491	4.000	473.701	-2.00	4.514	472.930	-150.00
-4.064	473.045	-150.00	-4.000	473.142	-2.00	1842+0.000	473.222	472.734	0.488	4.000	473.142	-2.00	4.483	472.417	-150.00
-4.069	472.400	-150.00	-4.000	472.504	-2.00	1843+0.000	472.584	472.111	0.473	4.000	472.504	-2.00	4.474	471.794	-150.00
-4.065	471.774	-150.00	-4.000	471.871	-2.00	1844+0.000	471.951	471.496	0.455	4.000	471.871	-2.00	4.442	471.209	-150.00
-4.073	471.408	-150.00	-4.000	471.518	-2.00	1845+0.000	471.598	471.145	0.454	4.000	471.518	-2.00	4.438	470.862	-150.00
-4.094	471.182	-150.00	-4.000	471.324	-2.00	1846+0.000	471.404	470.962	0.442	4.000	471.324	-2.00	4.390	470.738	-150.00
-4.116	471.387	-150.00	-4.000	471.561	-2.00	1847+0.000	471.641	471.170	0.471	4.000	471.561	-2.00	4.416	470.937	-150.00
-4.104	471.641	-150.00	-4.000	471.797	-2.00	1848+0.000	471.877	471.450	0.427	4.000	471.797	-2.00	4.367	471.247	-150.00
-4.106	471.874	-150.00	-4.000	472.033	-2.00	1849+0.000	472.113	471.670	0.443	4.000	472.033	-2.00	4.383	471.459	-150.00
-4.116	471.867	-150.00	-4.000	472.040	-2.00	1850+0.000	472.120	471.659	0.461	4.000	472.040	-2.00	4.402	471.437	-150.00
-4.121	471.632	-150.00	-4.000	471.814	-2.00	1851+0.000	471.894	471.437	0.457	4.000	471.814	-2.00	4.394	471.223	-150.00
-4.121	471.180	-150.00	-4.000	471.363	-2.00	1852+0.000	471.443	470.994	0.448	4.000	471.363	-2.00	4.379	470.794	-150.00
-4.063	470.588	-150.00	-4.000	470.682	-2.00	1853+0.000	470.762	470.401	0.361	4.000	470.682	-2.00	4.320	470.202	-150.00
-4.072	469.892	-150.00	-4.000	469.999	-2.00	1854+0.000	470.079	469.704	0.375	4.000	469.999	-2.00	4.324	469.513	-150.00
-4.113	469.148	-150.00	-4.000	469.317	-2.00	1855+0.000	469.397	468.987	0.409	4.000	469.317	-2.00	4.332	468.818	-150.00
-4.143	468.420	-150.00	-4.000	468.634	-2.00	1856+0.000	468.714	468.254	0.459	4.000	468.634	-2.00	4.369	468.080	-150.00
-4.158	467.759	-150.00	-4.000	467.996	-2.00	1857+0.000	468.076	467.613	0.463	4.000	467.996	-2.00	4.357	467.460	-150.00
-4.199	467.181	-150.00	-4.000	467.479	-2.00	1858+0.000	467.559	467.047	0.512	4.000	467.479	-2.00	4.386	466.900	-150.00
-4.214	466.658	-150.00	-4.000	466.979	-2.00	1859+0.000	467.059	466.552	0.507	4.000	466.979	-2.00	4.358	466.443	-150.00
-4.184	466.224	-150.00	-4.000	466.500	-2.00	1860+0.000	466.580	466.138	0.442	4.000	466.500	-2.00	4.301	466.049	-150.00
-4.251	465.899	-150.00	-4.000	466.276	-2.00	1861+0.000	466.356	465.867	0.489	4.000	466.276	-2.00	4.329	465.782	-150.00
-4.327	465.583	-150.00	-4.000	466.074	-2.00	1862+0.000	466.154	465.574	0.580	4.000	466.074	-2.00	4.348	465.553	-150.00
-4.303	465.418	-150.00	-4.000	465.872	-2.00	1863+0.000	465.952	465.394	0.558	4.000	465.872	-2.00	4.335	465.370	-150.00
-4.268	465.268	-150.00	-4.000	465.671	-2.00	1864+0.000	465.751	465.251	0.500	4.000	465.671	-2.00	4.292	465.233	-150.00
-4.256	465.070	-150.00	-4.000	465.454	-2.00	1865+0.000	465.534	465.077	0.458	4.000	465.454	-2.00	4.256	465.071	-150.00
-4.182	464.680	-150.00	-4.000	464.952	-2.00	1866+0.000	465.032	464.684	0.349	4.000	464.952	-2.00	4.179	464.683	-150.00
-4.142	464.193	-150.00	-4.000	464.407	-2.00	1867+0.000	464.487	464.172	0.315	4.000	464.407	-2.00	4.171	464.150	-150.00
-4.205	463.553	-150.00	-4.000	463.861	-2.00	1868+0.000	463.941	463.551	0.391	4.000	463.861	-2.00	4.220	463.531	-150.00
-4.215	462.994	-150.00	-4.000	463.316	-2.00	1869+0.000	463.396	462.977	0.419	4.000	463.316	-2.00	4.255	462.934	-150.00
-4.222	462.437	-150.00	-4.000	462.771	-2.00	1870+0.000	462.851	462.394	0.456	4.000	462.771	-2.00	4.280	462.350	-150.00
-4.222	462.059	-150.00	-4.000	462.393	-2.00	1871+0.000	462.473	462.023	0.450	4.000	462.393	-2.00	4.273	461.983	-150.00
-4.226	461.799	-150.00	-4.000	462.137	-2.00	1872+0.000	462.217	461.765	0.452	4.000	462.137	-2.00	4.271	461.731	-150.00
-4.226	461.600	-150.00	-4.000	461.938	-2.00	1873+0.000	462.018	461.561	0.457	4.000	461.938	-2.00	4.277	461.522	-150.00
-4.222	461.460	-150.00	-4.000	461.792	-2.00	1874+0.000	461.872	461.423	0.449	4.000	461.792	-2.00	4.272	461.384	-150.00
-4.230	461.307	-150.00	-4.000	461.651	-2.00	1875+0.000	461.731	461.277	0.455	4.000	461.651	-2.00	4.271	461.245	-150.00
-4.222	461.062	-150.00	-4.000	461.395	-2.00	1876+0.000	461.475	461.016	0.458	4.000	461.395	-2.00	4.283	460.970	-150.00
-4.220	460.760	-150.00	-4.000	461.089	-2.00	1877+0.000	461.169	460.713	0.456	4.000	461.089	-2.00	4.282	460.666	-150.00
-4.223	460.378	-150.00	-4.000	460.712	-2.00	1878+0.000	460.792	460.340	0.452	4.000	460.712	-2.00	4.274	460.301	-150.00
-4.221	459.958	-150.00	-4.000	460.289	-2.00	1879+0.000	460.369	459.921	0.447	4.000	460.289	-2.00	4.269	459.885	-150.00
-4.226	459.527	-150.00	-4.000	459.866	-2.00	1880+0.000	459.946	459.491	0.455	4.000	459.866	-2.00	4.274	459.455	-150.00
-4.236	459.136	-150.00	-4.000	459.491	-2.00	1881+0.000	459.571	459.119	0.452	4.000	459.491	-2.00	4.260	459.101	-150.00
-4.286	458.849	-150.00	-4.000	459.278	-2.00	1882+0.000	459.358	458.832	0.526	4.000	459.278	-2.00	4.309	458.815	-150.00
-4.286	458.637	-150.00	-4.000	459.066	-2.00	1883+0.000	459.146	458.635	0.511	4.000	459.066	-2.00	4.289	458.633	-150.00
-4.241	458.492	-150.00	-4.000	458.854	-2.00	1884+0.000	458.934	458.489	0.445	4.000	458.854	-2.00	4.246	458.485	-150.00
-4.213	458.323	-150.00	-4.000	458.642	-2.00	1885+0.000	458.722	458.314	0.408	4.000	458.642	-2.00	4.224	458.306	-150.00
-4.164	458.184	-150.00	-4.000	458.430	-2.00	1886+0.000	458.510	458.155	0.355	4.000	458.430	-2.00	4.203	458.125	-150.00
-4.158	457.982	-150.00	-4.000	458.218	-2.00	1887+0.000	458.298	457.966	0.332	4.000	458.218	-2.00	4.192	457.930	-150.00
-4.155	457.773	-150.00	-4.000	458.006	-2.00	1888+0.000	458.086	457.745	0.341	4.000	458.006	-2.00	4.193	457.717	-150.00

Osvaldo Feitosa da Silv

-4.141	457.583	-150.00	-4.000	457.794	-2.00	1889+0.000	457.874	457.548	0.326	4.000	457.794	-2.00	4.188	457.512	-150.00
-4.120	457.402	-150.00	-4.000	457.582	-2.00	1890+0.000	457.662	457.367	0.295	4.000	457.582	-2.00	4.177	457.316	-150.00
-4.179	457.102	-150.00	-4.000	457.370	-2.00	1891+0.000	457.450	457.098	0.352	4.000	457.370	-2.00	4.183	457.095	-150.00
-4.223	456.823	-150.00	-4.000	457.158	-2.00	1892+0.000	457.238	456.812	0.426	4.000	457.158	-2.00	4.238	456.801	-150.00
-4.195	456.654	-150.00	-4.000	456.946	-2.00	1893+0.000	457.026	456.635	0.391	4.000	456.946	-2.00	4.218	456.619	-150.00
-4.226	456.396	-150.00	-4.000	456.734	-2.00	1894+0.000	456.814	456.416	0.399	4.000	456.734	-2.00	4.199	456.436	-150.00
-4.242	456.159	-150.00	-4.000	456.522	-2.00	1895+0.000	456.602	456.178	0.424	4.000	456.522	-2.00	4.217	456.196	-150.00
-4.259	455.922	-150.00	-4.000	456.310	-2.00	1896+0.000	456.390	455.941	0.449	4.000	456.310	-2.00	4.234	455.960	-150.00
-4.292	455.595	-150.00	-4.000	456.033	-2.00	1897+0.000	456.113	455.635	0.477	4.000	456.033	-2.00	4.238	455.675	-150.00
-4.329	455.230	-150.00	-4.000	455.724	-2.00	1898+0.000	455.804	455.271	0.533	4.000	455.724	-2.00	4.277	455.308	-150.00
-4.373	454.855	-150.00	-4.000	455.415	-2.00	1899+0.000	455.495	454.890	0.605	4.000	455.415	-2.00	4.328	454.924	-150.00
-4.419	454.478	-150.00	-4.000	455.106	-2.00	1900+0.000	455.186	454.538	0.649	4.000	455.106	-2.00	4.349	454.583	-150.00
-4.439	454.140	-150.00	-4.000	454.797	-2.00	1901+0.000	454.877	454.194	0.683	4.000	454.797	-2.00	4.366	454.248	-150.00
-4.373	453.929	-150.00	-4.000	454.489	-2.00	1902+0.000	454.569	454.004	0.565	4.000	454.489	-2.00	4.276	454.074	-150.00
-4.322	453.697	-150.00	-4.000	454.180	-2.00	1903+0.000	454.260	453.801	0.459	4.000	454.180	-2.00	4.202	453.877	-150.00
-4.316	453.232	-150.00	-4.000	453.706	-2.00	1904+0.000	453.786	453.351	0.434	4.000	453.706	-2.00	4.160	453.466	-150.00
-4.304	452.715	-150.00	-4.000	453.171	-2.00	1905+0.000	453.251	452.837	0.414	4.000	453.171	-2.00	4.149	452.948	-150.00
-4.335	452.133	-150.00	-4.000	452.636	-2.00	1906+0.000	452.716	452.251	0.464	4.000	452.636	-2.00	4.181	452.363	-150.00
-4.340	451.486	-150.00	-4.000	451.996	-2.00	1907+0.000	452.076	451.603	0.473	4.000	451.996	-2.00	4.188	451.715	-150.00
-4.341	450.751	-150.00	-4.000	451.262	-2.00	1908+0.000	451.342	450.866	0.477	4.000	451.262	-2.00	4.191	450.976	-150.00
-4.334	450.028	-150.00	-4.000	450.529	-2.00	1909+0.000	450.609	450.125	0.484	4.000	450.529	-2.00	4.203	450.224	-150.00
-4.297	449.363	-150.00	-4.000	449.809	-2.00	1910+0.000	449.889	449.433	0.456	4.000	449.809	-2.00	4.205	449.502	-150.00
-4.280	448.890	-150.00	-4.000	449.310	-2.00	1911+0.000	449.390	448.979	0.410	4.000	449.310	-2.00	4.162	449.066	-150.00
-4.391	448.509	-150.00	-4.000	449.096	-2.00	1912+0.000	449.176	448.568	0.608	4.000	449.096	-2.00	4.314	448.624	-150.00
-4.382	448.396	-150.00	-4.000	448.969	-2.00	1913+0.000	449.049	448.454	0.595	4.000	448.969	-2.00	4.306	448.510	-150.00
-4.348	448.321	-150.00	-4.000	448.843	-2.00	1914+0.000	448.923	448.371	0.552	4.000	448.843	-2.00	4.284	448.416	-150.00
-4.282	448.440	-150.00	-4.000	448.864	-2.00	1915+0.000	448.944	448.472	0.472	4.000	448.864	-2.00	4.242	448.501	-150.00
-4.307	448.732	-150.00	-4.000	449.193	-2.00	1916+0.000	449.273	448.739	0.534	4.000	449.193	-2.00	4.299	448.746	-150.00
-4.308	449.061	-150.00	-4.000	449.523	-2.00	1917+0.000	449.603	449.060	0.543	4.000	449.523	-2.00	4.310	449.058	-150.00
-4.228	449.511	-150.00	-4.000	449.853	-2.00	1918+0.000	449.933	449.463	0.470	4.000	449.853	-2.00	4.281	449.431	-150.00
-4.178	450.005	-150.00	-4.000	450.272	-2.00	1919+0.000	450.352	449.946	0.406	4.000	450.272	-2.00	4.258	449.886	-150.00
-4.206	450.453	-150.00	-4.000	450.762	-2.00	1920+0.000	450.842	450.337	0.505	4.000	450.762	-2.00	4.364	450.216	-150.00
-4.161	451.010	-150.00	-4.000	451.251	-2.00	1921+0.000	451.331	450.891	0.440	4.000	451.251	-2.00	4.327	450.761	-150.00
-4.106	451.526	-150.00	-4.000	451.684	-2.00	1922+0.000	451.764	451.372	0.393	4.000	451.684	-2.00	4.321	451.203	-150.00
-4.053	451.975	-150.00	-4.000	452.055	-2.00	1923+0.000	452.135	451.792	0.342	4.000	452.055	-2.00	4.304	451.598	-150.00
-4.054	452.343	-150.00	-4.000	452.425	-2.00	1924+0.000	452.505	452.202	0.303	4.000	452.425	-2.00	4.282	452.002	-150.00
-4.035	452.743	-150.00	-4.000	452.795	-2.00	1925+0.000	452.875	452.560	0.315	4.000	452.795	-2.00	4.286	452.365	-150.00
-4.096	453.021	-150.00	-4.000	453.165	-2.00	1926+0.000	453.245	452.835	0.410	4.000	453.165	-2.00	4.351	452.638	-150.00
-4.158	453.144	-150.00	-4.000	453.381	-2.00	1927+0.000	453.461	453.012	0.449	4.000	453.381	-2.00	4.373	452.822	-150.00
-4.135	453.078	-150.00	-4.000	453.281	-2.00	1928+0.000	453.361	452.949	0.412	4.000	453.281	-2.00	4.312	452.813	-150.00
-4.109	453.007	-150.00	-4.000	453.171	-2.00	1929+0.000	453.251	452.872	0.379	4.000	453.171	-2.00	4.294	452.730	-150.00
-4.165	452.813	-150.00	-4.000	453.060	-2.00	1930+0.000	453.140	452.703	0.437	4.000	453.060	-2.00	4.319	452.582	-150.00
-4.186	452.752	-150.00	-4.000	453.031	-2.00	1931+0.000	453.111	452.649	0.462	4.000	453.031	-2.00	4.326	452.542	-150.00
-4.186	452.729	-150.00	-4.000	453.007	-2.00	1932+0.000	453.087	452.621	0.466	4.000	453.007	-2.00	4.332	452.509	-150.00
-4.170	452.728	-150.00	-4.000	452.983	-2.00	1933+0.000	453.063	452.617	0.446	4.000	452.983	-2.00	4.320	452.504	-150.00
-4.181	452.844	-150.00	-4.000	453.115	-2.00	1934+0.000	453.195	452.717	0.478	4.000	453.115	-2.00	4.354	452.585	-150.00
-4.185	453.070	-150.00	-4.000	453.349	-2.00	1935+0.000	453.429	452.936	0.493	4.000	453.349	-2.00	4.369	452.795	-150.00
-4.164	453.336	-150.00	-4.000	453.582	-2.00	1936+0.000	453.662	453.183	0.479	4.000	453.582	-2.00	4.373	453.022	-150.00
-4.154	453.552	-150.00	-4.000	453.784	-2.00	1937+0.000	453.864	453.420	0.445	4.000	453.784	-2.00	4.336	453.281	-150.00
-4.151	453.626	-150.00	-4.000	453.852	-2.00	1938+0.000	453.932	453.495	0.437	4.000	453.852	-2.00	4.329	453.358	-150.00
-4.144	453.616	-150.00	-4.000	453.832	-2.00	1939+0.000	453.912	453.453	0.459	4.000	453.832	-2.00	4.368	453.281	-150.00
-4.165	453.331	-150.00	-4.000	453.579	-2.00	1940+0.000	453.659	453.208	0.451	4.000	453.579	-2.00	4.333	453.080	-150.00
-4.153	453.269	-150.00	-4.000	453.499	-2.00	1941+0.000	453.579	453.145	0.434	4.000	453.499	-2.00	4.328	453.006	-150.00
-4.147	453.255	-150.00	-4.000	453.476	-2.00	1942+0.000	453.556	453.115	0.440	4.000	453.476	-2.00	4.348	452.953	-150.00
-4.243	453.403	-150.00	-4.000	453.767	-2.00	1943+0.000	453.847	453.294	0.553	4.000	453.767	-2.00	4.391	453.181	-150.00
-4.334	453.784	-150.00	-4.000	454.286	-2.00	1944+0.000	454.366	453.668	0.698	4.000	454.286	-2.00	4.485	453.559	-150.00
-4.217	454.481	-150.00	-4.000	454.806	-2.00	1945+0.000	454.886	454.372	0.514	4.000	454.806	-2.00	4.364	454.260	-150.00
-4.171	455.252	-150.00	-4.000	455.509	-2.00	1946+0.000	455.589	455.186	0.404	4.000	455.509	-2.00	4.261	455.118	-150.00
-4.169	456.169	-150.00	-4.000	456.423	-2.00	1947+0.000	456.503	456.101	0.401	4.000	456.423	-2.00	4.260	456.032	-150.00
-4.188	457.055	-150.00	-4.000	457.336	-2.00	1948+0.000	457.416	457.008	0.408	4.000	457.336	-2.00	4.250	456.961	-150.00
-4.200	457.939	-150.00	-4.000	458.239	-2.00	1949+0.000	458.319	457.906	0.413	4.000	458.239	-2.00	4.250	457.865	-150.00
-4.142	458.584	-150.00	-4.000	458.796	-2.00	1950+0.000	458.876	458.582	0.295	4.000	458.796	-2.00	4.145	458.580	-150.00
-4.265	458.863	-150.00	-4.000	459.260	-2.00	1951+0.000	459.340	458.895	0.445	4.000	459.260	-2.00	4.220	458.930	-150.00
-4.259	458.952	-150.00	-4.000	459.341	-2.00	1952+0.000	459.421	458.981	0.440	4.000	459.341	-2.00	4.207	459.031	-150.00
-4.253	458.865	-150.00	-4.000	459.244	-2.00	1953+0.000	459.324	458.917	0.406	4.000	459.244	-2.00	4.183	458.969	-150.00
-4.312	458.602	-150.00	-4.000	459.070	-2.00	1954+0.000	459.150	458.667	0.483	4.000	459.070	-2.00	4.226	458.730	-150.00
-4.381	458.324	-150.00	-4.000	458.896	-2.00	1955+0.000	458.976	458.423	0.553	4.000	458.896	-2.00	4.247	458.525	-150.00
-4.307	458.261	-150.00	-4.000	458.722	-2.00	1956+0.000	458.802	458.357	0.444	4.000	458.722	-2.00	4.180	458.451	-150.00
-4.313	458.041	-150.00	-4.000	458.511	-2.00	1957+0.000	458.591	458.125	0.466	4.000	458.511	-2.00	4.203	458.207	-150.00
-4.297	457.521	-150.00	-4.000	457.967	-2.00	1958+0.000	458.047	457.586	0.461	4.000	457.967	-2.00	4.211	457.649	-150.00
-4.329	456.929	-150.00	-4.000	457.422	-2.00	1959+0.000	457.502	457.003	0.499	4.000	457.422	-2.00	4.230	457.076	-150.00
-4.315	456.406	-150.00	-4.000	456.878	-2.00	1960+0.000	456.958	456.460	0.498	4.000	456.878	-2.00	4.244	456.513	-150.00
-4.274	455.985	-150.00	-4.000	456.396	-2.00	1961+0.000	456.476	456.017	0.459	4.000	456.396	-2.00	4.232	456.049	-150.00
-4.275	455.618	-150.00	-4.000	456.030	-2.00	1962+0.000	456.110	455.633	0.477	4.000	456.030	-2.00	4.255	455.648	-150.00
-4.257	455.278	-150.00	-4.000	455.664	-2.00	1963+0.000	455.744	455.281	0.463	4.000	455.664	-2.00	4.254	455.283	-150.00
-4.233	454.948	-150.00	-4.000	455.298	-2.00	1964+0.000	455.378	454.925	0.453	4.000	455.298	-2.00	4.256	454.914	-150.00
-4.212	454.693	-150.00	-4.000	455.011	-2.00	1965+0.000	455.091	454.632	0.459	4.000	455.011	-2.00	4.309	454.547	-150.00
-4.207	454.226	-150.00	-4.000	454.536	-2.00	1966+0.000	454.616	454.130	0.486	4.000	454.536	-2.00	4.339	454.027	-150.00
-4.178	453.749	-150.00	-4.000	454.016	-2.00	1967+0.000	454.096	453.638	0.458	4.000	454.016	-2.00	4.330	453.520	-150.00

-4.124	452.867	-150.00	-4.000	453.053	-2.00	1968+0.000	453.133	452.734	0.400	4.000	453.053	-2.00	4.306	452.594	-150.00
-4.141	451.815	-150.00	-4.000	452.027	-2.00	1969+0.000	452.107	451.713	0.394	4.000	452.027	-2.00	4.279	451.608	-150.00
-4.197	450.705	-150.00	-4.000	451.000	-2.00	1970+0.000	451.080	450.629	0.451	4.000	451.000	-2.00	4.289	450.567	-150.00
-4.227	449.866	-150.00	-4.000	450.206	-2.00	1971+0.000	450.286	449.883	0.404	4.000	450.206	-2.00	4.235	449.854	-150.00
-4.234	449.501	-150.00	-4.000	449.852	-2.00	1972+0.000	449.932	449.462	0.470	4.000	449.852	-2.00	4.287	449.422	-150.00
-4.210	449.442	-150.00	-4.000	449.758	-2.00	1973+0.000	449.838	449.412	0.425	4.000	449.758	-2.00	4.250	449.383	-150.00
-4.214	449.610	-150.00	-4.000	449.931	-2.00	1974+0.000	450.011	449.586	0.425	4.000	449.931	-2.00	4.263	449.536	-150.00
-4.241	449.915	-150.00	-4.000	450.276	-2.00	1975+0.000	450.356	449.902	0.454	4.000	450.276	-2.00	4.257	449.891	-150.00
-4.212	450.145	-150.00	-4.000	450.463	-2.00	1976+0.000	450.543	450.103	0.439	4.000	450.463	-2.00	4.267	450.062	-150.00
-4.213	450.390	-150.00	-4.000	450.709	-2.00	1977+0.000	450.789	450.353	0.436	4.000	450.709	-2.00	4.266	450.310	-150.00
-4.211	450.531	-150.00	-4.000	450.847	-2.00	1978+0.000	450.927	450.480	0.447	4.000	450.847	-2.00	4.296	450.403	-150.00
-4.190	450.607	-150.00	-4.000	450.892	-2.00	1979+0.000	450.972	450.532	0.440	4.000	450.892	-2.00	4.291	450.455	-150.00
-4.200	450.708	-150.00	-4.000	451.007	-2.00	1980+0.000	451.087	450.671	0.416	4.000	451.007	-2.00	4.264	450.611	-150.00
-4.205	450.876	-150.00	-4.000	451.183	-2.00	1981+0.000	451.263	450.833	0.430	4.000	451.183	-2.00	4.252	450.805	-150.00
-4.207	451.242	-150.00	-4.000	451.553	-2.00	1982+0.000	451.633	451.211	0.422	4.000	451.553	-2.00	4.249	451.179	-150.00
-4.218	451.608	-150.00	-4.000	451.935	-2.00	1983+0.000	452.015	451.604	0.411	4.000	451.935	-2.00	4.230	451.589	-150.00
-4.189	452.060	-150.00	-4.000	452.344	-2.00	1984+0.000	452.424	452.057	0.367	4.000	452.344	-2.00	4.194	452.054	-150.00
-4.185	452.477	-150.00	-4.000	452.754	-2.00	1985+0.000	452.834	452.462	0.371	4.000	452.754	-2.00	4.204	452.448	-150.00
-4.226	452.823	-150.00	-4.000	453.161	-2.00	1986+0.000	453.241	452.810	0.432	4.000	453.161	-2.00	4.243	452.796	-150.00
-4.176	452.958	-150.00	-4.000	453.223	-2.00	1987+0.000	453.303	452.924	0.378	4.000	453.223	-2.00	4.222	452.890	-150.00
-4.107	452.946	-150.00	-4.000	453.107	-2.00	1988+0.000	453.187	452.897	0.290	4.000	453.107	-2.00	4.174	452.847	-150.00
-4.186	452.714	-150.00	-4.000	452.992	-2.00	1989+0.000	453.072	452.662	0.410	4.000	452.992	-2.00	4.255	452.609	-150.00
-4.290	452.442	-150.00	-4.000	452.877	-2.00	1990+0.000	452.957	452.414	0.543	4.000	452.877	-2.00	4.329	452.383	-150.00
-4.391	452.175	-150.00	-4.000	452.762	-2.00	1991+0.000	452.842	452.142	0.700	4.000	452.762	-2.00	4.435	452.109	-150.00
-4.421	452.015	-150.00	-4.000	452.646	-2.00	1992+0.000	452.726	451.998	0.728	4.000	452.646	-2.00	4.444	451.981	-150.00
-4.428	451.889	-150.00	-4.000	452.531	-2.00	1993+0.000	452.611	451.890	0.721	4.000	452.531	-2.00	4.440	451.871	-150.00
-4.352	451.888	-150.00	-4.000	452.416	-2.00	1994+0.000	452.496	451.913	0.583	4.000	452.416	-2.00	4.319	451.938	-150.00
-4.275	452.068	-150.00	-4.000	452.481	-2.00	1995+0.000	452.561	452.102	0.459	4.000	452.481	-2.00	4.230	452.136	-150.00
-4.301	452.431	-150.00	-4.000	452.882	-2.00	1996+0.000	452.962	452.522	0.440	4.000	452.882	-2.00	4.214	452.562	-150.00
-4.330	452.789	-150.00	-4.000	453.284	-2.00	1997+0.000	453.364	452.910	0.454	4.000	453.284	-2.00	4.172	453.026	-150.00
-4.309	453.222	-150.00	-4.000	453.686	-2.00	1998+0.000	453.766	453.353	0.413	4.000	453.686	-2.00	4.138	453.479	-150.00
-4.335	453.586	-150.00	-4.000	454.088	-2.00	1999+0.000	454.168	453.738	0.429	4.000	454.088	-2.00	4.128	453.895	-150.00
-4.283	453.821	-150.00	-4.000	454.245	-2.00	2000+0.000	454.325	453.994	0.331	4.000	454.245	-2.00	4.058	454.158	-150.00
-4.358	453.856	-150.00	-4.000	454.394	-2.00	2001+0.000	454.474	454.059	0.415	4.000	454.394	-2.00	4.096	454.250	-150.00
-4.370	453.802	-150.00	-4.000	454.357	-2.00	2002+0.000	454.437	453.972	0.465	4.000	454.357	-2.00	4.163	454.112	-150.00
-4.409	453.235	-150.00	-4.000	453.849	-2.00	2003+0.000	453.929	453.414	0.515	4.000	453.849	-2.00	4.177	453.583	-150.00
-4.492	452.581	-150.00	-4.000	453.319	-2.00	2004+0.000	453.399	452.757	0.641	4.000	453.319	-2.00	4.263	452.925	-150.00
-4.531	451.992	-150.00	-4.000	452.789	-2.00	2005+0.000	452.869	452.146	0.722	4.000	452.789	-2.00	4.320	452.309	-150.00
-4.530	451.464	-150.00	-4.000	452.259	-2.00	2006+0.000	452.339	451.584	0.755	4.000	452.259	-2.00	4.373	451.700	-150.00
-4.482	451.005	-150.00	-4.000	451.728	-2.00	2007+0.000	451.808	451.112	0.697	4.000	451.728	-2.00	4.342	451.215	-150.00
-4.341	450.689	-150.00	-4.000	451.200	-2.00	2008+0.000	451.280	450.799	0.481	4.000	451.200	-2.00	4.194	450.909	-150.00
-4.260	450.574	-150.00	-4.000	450.964	-2.00	2009+0.000	451.044	450.628	0.416	4.000	450.964	-2.00	4.193	450.674	-150.00
-4.258	450.490	-150.00	-4.000	450.877	-2.00	2010+0.000	450.957	450.541	0.416	4.000	450.877	-2.00	4.190	450.592	-150.00
-4.285	450.329	-150.00	-4.000	450.756	-2.00	2011+0.000	450.836	450.385	0.451	4.000	450.756	-2.00	4.211	450.439	-150.00
-4.259	450.112	-150.00	-4.000	450.500	-2.00	2012+0.000	450.580	450.164	0.416	4.000	450.500	-2.00	4.190	450.215	-150.00
-4.336	449.597	-150.00	-4.000	450.100	-2.00	2013+0.000	450.180	449.676	0.505	4.000	450.100	-2.00	4.232	449.753	-150.00
-4.312	449.109	-150.00	-4.000	449.578	-2.00	2014+0.000	449.658	449.184	0.474	4.000	449.578	-2.00	4.219	449.248	-150.00
-4.302	448.536	-150.00	-4.000	448.989	-2.00	2015+0.000	449.069	448.609	0.460	4.000	448.989	-2.00	4.205	448.681	-150.00
-4.309	447.891	-150.00	-4.000	448.354	-2.00	2016+0.000	448.434	447.967	0.467	4.000	448.354	-2.00	4.209	448.040	-150.00
-4.311	447.254	-150.00	-4.000	447.720	-2.00	2017+0.000	447.800	447.324	0.475	4.000	447.720	-2.00	4.217	447.393	-150.00
-4.313	446.699	-150.00	-4.000	447.167	-2.00	2018+0.000	447.247	446.795	0.452	4.000	447.167	-2.00	4.220	446.837	-150.00
-4.314	446.355	-150.00	-4.000	446.827	-2.00	2019+0.000	446.907	446.398	0.508	4.000	446.827	-2.00	4.257	446.441	-150.00
-4.337	445.980	-150.00	-4.000	446.486	-2.00	2020+0.000	446.566	446.015	0.551	4.000	446.486	-2.00	4.291	446.049	-150.00
-4.287	445.715	-150.00	-4.000	446.145	-2.00	2021+0.000	446.225	445.759	0.466	4.000	446.145	-2.00	4.229	445.802	-150.00
-4.263	445.314	-150.00	-4.000	445.709	-2.00	2022+0.000	445.789	445.338	0.451	4.000	445.709	-2.00	4.223	445.375	-150.00
-4.239	444.846	-150.00	-4.000	445.204	-2.00	2023+0.000	445.284	444.888	0.397	4.000	445.204	-2.00	4.194	444.913	-150.00
-4.223	444.366	-150.00	-4.000	444.700	-2.00	2024+0.000	444.780	444.376	0.404	4.000	444.700	-2.00	4.210	444.385	-150.00
-4.192	443.908	-150.00	-4.000	444.195	-2.00	2025+0.000	444.275	443.897	0.378	4.000	444.195	-2.00	4.206	443.886	-150.00
-4.238	443.334	-150.00	-4.000	443.690	-2.00	2026+0.000	443.770	443.321	0.449	4.000	443.690	-2.00	4.255	443.308	-150.00
-4.259	442.706	-150.00	-4.000	443.095	-2.00	2027+0.000	443.175	442.701	0.473	4.000	443.095	-2.00	4.276	442.681	-150.00
-4.266	441.993	-150.00	-4.000	442.392	-2.00	2028+0.000	442.472	441.982	0.490	4.000	442.392	-2.00	4.281	441.971	-150.00
-4.242	441.170	-150.00	-4.000	441.533	-2.00	2029+0.000	441.613	441.134	0.479	4.000	441.533	-2.00	4.290	441.098	-150.00
-4.255	440.252	-150.00	-4.000	440.635	-2.00	2030+0.000	440.715	440.238	0.477	4.000	440.635	-2.00	4.290	440.200	-150.00
-4.297	439.181	-150.00	-4.000	439.627	-2.00	2031+0.000	439.707	439.173	0.534	4.000	439.627	-2.00	4.308	439.165	-150.00
-4.249	438.307	-150.00	-4.000	438.680	-2.00	2032+0.000	438.760	438.291	0.470	4.000	438.680	-2.00	4.271	438.274	-150.00
-4.278	437.514	-150.00	-4.000	437.931	-2.00	2033+0.000	438.011	437.500	0.511	4.000	437.931	-2.00	4.299	437.483	-150.00
-4.394	436.782	-150.00	-4.000	437.373	-2.00	2034+0.000	437.453	436.810	0.643	4.000	437.373	-2.00	4.357	436.837	-150.00
-4.287	436.446	-150.00	-4.000	436.877	-2.00	2035+0.000	436.957	436.462	0.495	4.000	436.877	-2.00	4.267	436.477	-150.00
-4.293	436.308	-150.00	-4.000	436.747	-2.00	2036+0.000	436.827	436.332	0.495	4.000	436.747	-2.00	4.264	436.351	-150.00
-4.263	436.292	-150.00	-4.000	436.686	-2.00	2037+0.000	436.766	436.311	0.456	4.000	436.686	-2.00	4.238	436.329	-150.00
-4.235	436.273	-150.00	-4.000	436.625	-2.00	2038+0.000	436.705	436.302	0.403	4.000	436.625	-2.00	4.196	436.331	-150.00
-4.283	436.140	-150.00	-4.000	436.564	-2.00	2039+0.000	436.644	436.198	0.446	4.000	436.564	-2.00	4.209	436.250	-150.00
-4.353	435.724	-150.00	-4.000	436.254	-2.00	2040+0.000	436.334	435.723	0.612	4.000	436.254	-2.00	4.350	435.730	-150.00
-4.362	435.392	-150.00	-4.000	435.935	-2.00	2041+0.000	436.015	435.390	0.625	4.000	435.935	-2.00	4.365	435.388	-150.00
-4.362	435.072	-150.00	-4.000	435.616	-2.00	2042+0.000	435.696	435.046	0.650	4.000	435.616	-2.00	4.398	435.019	-150.00
-4.312	434.828	-150.00	-4.000	435.296	-2.00	2043+0.000	435.376	434.789	0.587	4.000	435.296	-2.00	4.364	434.750	-150.00
-4.251	434.605	-150.00	-4.000	434.981	-2.00	2044+0.000	435.061	434.560	0.501	4.000	434.981	-2.00	4.311	434.514	-150.00
-4.210	434.507	-150.00	-4.000	434.821	-2.00	2045+0.000	434.901	434.461	0.440	4.000	434.821	-2.00	4.268	434.419	-150.00
-4.251	434.460	-150.00	-4.000	434.835	-2.00	2046+0.000	434.915	434.418	0.498	4.000	434.835	-2.00	4.307	434.375	-150.00

-4.261	434.468	-150.00	-4.000	434.860	-2.00	2047+0.000	434.940	434.440	0.500	4.000	434.860	-2.00	4.299	434.411	-150.00
-4.227	434.536	-150.00	-4.000	434.876	-2.00	2048+0.000	434.956	434.502	0.454	4.000	434.876	-2.00	4.264	434.480	-150.00
-4.144	434.461	-150.00	-4.000	434.676	-2.00	2049+0.000	434.756	434.455	0.301	4.000	434.676	-2.00	4.152	434.448	-150.00
-4.202	434.143	-150.00	-4.000	434.445	-2.00	2050+0.000	434.525	434.137	0.389	4.000	434.445	-2.00	4.210	434.131	-150.00
-4.231	433.867	-150.00	-4.000	434.215	-2.00	2051+0.000	434.295	433.844	0.450	4.000	434.215	-2.00	4.262	433.821	-150.00
-4.269	433.492	-150.00	-4.000	433.895	-2.00	2052+0.000	433.975	433.467	0.509	4.000	433.895	-2.00	4.303	433.441	-150.00
-4.282	433.129	-150.00	-4.000	433.552	-2.00	2053+0.000	433.632	433.099	0.534	4.000	433.552	-2.00	4.323	433.068	-150.00
-4.300	432.760	-150.00	-4.000	433.209	-2.00	2054+0.000	433.289	432.722	0.568	4.000	433.209	-2.00	4.351	432.683	-150.00
-4.284	432.441	-150.00	-4.000	432.866	-2.00	2055+0.000	432.946	432.395	0.551	4.000	432.866	-2.00	4.349	432.343	-150.00
-4.251	432.147	-150.00	-4.000	432.523	-2.00	2056+0.000	432.603	432.078	0.526	4.000	432.523	-2.00	4.344	432.007	-150.00
-4.174	431.920	-150.00	-4.000	432.180	-2.00	2057+0.000	432.260	431.838	0.422	4.000	432.180	-2.00	4.287	431.749	-150.00
-4.174	431.629	-150.00	-4.000	431.890	-2.00	2058+0.000	431.970	431.529	0.442	4.000	431.890	-2.00	4.310	431.425	-150.00
-4.171	431.596	-150.00	-4.000	431.853	-2.00	2059+0.000	431.933	431.469	0.464	4.000	431.853	-2.00	4.347	431.333	-150.00
-4.169	431.366	-150.00	-4.000	431.619	-2.00	2060+0.000	431.699	431.242	0.457	4.000	431.619	-2.00	4.337	431.114	-150.00
-4.146	430.978	-150.00	-4.000	431.198	-2.00	2061+0.000	431.278	430.772	0.506	4.000	431.198	-2.00	4.431	430.551	-150.00
-4.130	430.092	-150.00	-4.000	430.287	-2.00	2062+0.000	430.367	429.883	0.484	4.000	430.287	-2.00	4.419	429.659	-150.00
-4.116	429.067	-150.00	-4.000	429.241	-2.00	2063+0.000	429.321	428.819	0.502	4.000	429.241	-2.00	4.461	428.550	-150.00
-4.119	427.798	-150.00	-4.000	427.976	-2.00	2064+0.000	428.056	427.565	0.491	4.000	427.976	-2.00	4.444	427.311	-150.00
-4.064	426.712	-150.00	-4.000	426.807	-2.00	2065+0.000	426.887	426.430	0.458	4.000	426.807	-2.00	4.458	426.120	-150.00
-4.095	425.707	-150.00	-4.000	425.850	-2.00	2066+0.000	425.930	425.416	0.514	4.000	425.850	-2.00	4.503	425.096	-150.00
-4.077	425.018	-150.00	-4.000	425.134	-2.00	2067+0.000	425.214	424.700	0.514	4.000	425.134	-2.00	4.457	424.449	-150.00
-4.051	424.341	-150.00	-4.000	424.418	-2.00	2068+0.000	424.498	424.032	0.466	4.000	424.418	-2.00	4.482	423.695	-150.00
-4.071	424.069	-150.00	-4.000	424.176	-2.00	2069+0.000	424.256	423.775	0.481	4.000	424.176	-2.00	4.478	423.459	-150.00
-4.049	424.031	-150.00	-4.000	424.105	-2.00	2070+0.000	424.185	423.753	0.432	4.000	424.105	-2.00	4.437	423.449	-150.00
-4.072	424.162	-150.00	-4.000	424.269	-2.00	2071+0.000	424.349	423.887	0.462	4.000	424.269	-2.00	4.457	423.584	-150.00
-4.021	424.475	-150.00	-4.000	424.506	-2.00	2072+0.000	424.586	424.243	0.343	4.000	424.506	-2.00	4.343	423.992	-150.00
-4.077	424.690	-150.00	-4.000	424.806	-2.00	2073+0.000	424.886	424.492	0.393	4.000	424.806	-2.00	4.329	424.313	-150.00
-4.090	424.978	-150.00	-4.000	425.112	-2.00	2074+0.000	425.192	424.859	0.334	4.000	425.112	-2.00	4.252	424.735	-150.00
-4.225	425.050	-150.00	-4.000	425.387	-2.00	2075+0.000	425.467	425.037	0.430	4.000	425.387	-2.00	4.249	425.014	-150.00
-4.260	425.125	-150.00	-4.000	425.515	-2.00	2076+0.000	425.595	425.140	0.455	4.000	425.515	-2.00	4.240	425.155	-150.00
-4.448	424.972	-150.00	-4.000	425.644	-2.00	2077+0.000	425.724	425.076	0.648	4.000	425.644	-2.00	4.317	425.169	-150.00
-4.519	424.994	-150.00	-4.000	425.772	-2.00	2078+0.000	425.852	425.073	0.778	4.000	425.772	-2.00	4.409	425.158	-150.00
-4.568	425.047	-150.00	-4.000	425.900	-2.00	2079+0.000	425.980	425.187	0.793	4.000	425.900	-2.00	4.370	425.345	-150.00
-4.519	425.250	-150.00	-4.000	426.028	-2.00	2080+0.000	426.108	425.418	0.691	4.000	426.028	-2.00	4.298	425.581	-150.00
-4.415	425.534	-150.00	-4.000	426.157	-2.00	2081+0.000	426.237	425.705	0.531	4.000	426.157	-2.00	4.191	425.870	-150.00
-4.359	425.742	-150.00	-4.000	426.280	-2.00	2082+0.000	426.360	425.918	0.442	4.000	426.280	-2.00	4.130	426.084	-150.00
-4.372	425.831	-150.00	-4.000	426.388	-2.00	2083+0.000	426.468	426.013	0.456	4.000	426.388	-2.00	4.136	426.185	-150.00
-4.396	425.903	-150.00	-4.000	426.497	-2.00	2084+0.000	426.577	426.051	0.526	4.000	426.497	-2.00	4.197	426.202	-150.00
-4.399	426.007	-150.00	-4.000	426.606	-2.00	2085+0.000	426.686	426.147	0.538	4.000	426.606	-2.00	4.216	426.282	-150.00
-4.344	426.198	-150.00	-4.000	426.714	-2.00	2086+0.000	426.794	426.323	0.471	4.000	426.714	-2.00	4.180	426.444	-150.00
-4.232	426.475	-150.00	-4.000	426.823	-2.00	2087+0.000	426.903	426.560	0.343	4.000	426.823	-2.00	4.115	426.651	-150.00
-4.177	426.666	-150.00	-4.000	426.931	-2.00	2088+0.000	427.011	426.746	0.266	4.000	426.931	-2.00	4.072	426.823	-150.00
-4.229	426.697	-150.00	-4.000	427.040	-2.00	2089+0.000	427.120	426.785	0.335	4.000	427.040	-2.00	4.115	426.868	-150.00
-4.285	426.683	-150.00	-4.000	427.111	-2.00	2090+0.000	427.191	426.773	0.418	4.000	427.111	-2.00	4.168	426.859	-150.00
-4.292	426.652	-150.00	-4.000	427.089	-2.00	2091+0.000	427.169	426.730	0.439	4.000	427.089	-2.00	4.188	426.807	-150.00
-4.300	426.531	-150.00	-4.000	426.981	-2.00	2092+0.000	427.061	426.612	0.450	4.000	426.981	-2.00	4.194	426.690	-150.00
-4.311	426.308	-150.00	-4.000	426.774	-2.00	2093+0.000	426.854	426.380	0.474	4.000	426.774	-2.00	4.220	426.444	-150.00
-4.344	425.942	-150.00	-4.000	426.457	-2.00	2094+0.000	426.537	426.015	0.522	4.000	426.457	-2.00	4.247	426.086	-150.00
-4.334	425.640	-150.00	-4.000	426.141	-2.00	2095+0.000	426.221	425.719	0.502	4.000	426.141	-2.00	4.230	425.796	-150.00
-4.303	425.425	-150.00	-4.000	425.880	-2.00	2096+0.000	425.960	425.509	0.451	4.000	425.880	-2.00	4.196	425.586	-150.00
-4.306	425.240	-150.00	-4.000	425.700	-2.00	2097+0.000	425.780	425.329	0.451	4.000	425.700	-2.00	4.190	425.415	-150.00
-4.304	425.092	-150.00	-4.000	425.548	-2.00	2098+0.000	425.628	425.180	0.447	4.000	425.548	-2.00	4.187	425.267	-150.00
-4.296	424.952	-150.00	-4.000	425.396	-2.00	2099+0.000	425.476	425.042	0.433	4.000	425.396	-2.00	4.173	425.136	-150.00
-4.323	424.760	-150.00	-4.000	425.244	-2.00	2100+0.000	425.324	424.887	0.436	4.000	425.244	-2.00	4.156	425.010	-150.00
-4.344	424.567	-150.00	-4.000	425.083	-2.00	2101+0.000	425.163	424.704	0.459	4.000	425.083	-2.00	4.165	424.836	-150.00
-4.347	424.296	-150.00	-4.000	424.816	-2.00	2102+0.000	424.896	424.430	0.465	4.000	424.816	-2.00	4.171	424.559	-150.00
-4.373	423.857	-150.00	-4.000	424.416	-2.00	2103+0.000	424.496	424.025	0.471	4.000	424.416	-2.00	4.148	424.195	-150.00
-4.363	423.568	-150.00	-4.000	424.113	-2.00	2104+0.000	424.193	423.752	0.440	4.000	424.113	-2.00	4.124	423.927	-150.00
-4.347	423.522	-150.00	-4.000	424.043	-2.00	2105+0.000	424.123	423.676	0.447	4.000	424.043	-2.00	4.136	423.839	-150.00
-4.336	423.673	-150.00	-4.000	424.178	-2.00	2106+0.000	424.258	423.826	0.432	4.000	424.178	-2.00	4.137	423.971	-150.00
-4.340	423.832	-150.00	-4.000	424.342	-2.00	2107+0.000	424.422	423.990	0.431	4.000	424.342	-2.00	4.133	424.142	-150.00
-4.333	424.118	-150.00	-4.000	424.617	-2.00	2108+0.000	424.697	424.251	0.446	4.000	424.617	-2.00	4.146	424.399	-150.00
-4.344	424.347	-150.00	-4.000	424.863	-2.00	2109+0.000	424.943	424.467	0.475	4.000	424.863	-2.00	4.186	424.583	-150.00
-4.321	424.592	-150.00	-4.000	425.074	-2.00	2110+0.000	425.154	424.701	0.453	4.000	425.074	-2.00	4.178	424.807	-150.00
-4.312	424.723	-150.00	-4.000	425.190	-2.00	2111+0.000	425.270	424.817	0.454	4.000	425.190	-2.00	4.200	424.891	-150.00
-4.301	424.699	-150.00	-4.000	425.151	-2.00	2112+0.000	425.231	424.794	0.436	4.000	425.151	-2.00	4.180	424.881	-150.00
-4.331	424.607	-150.00	-4.000	425.104	-2.00	2113+0.000	425.184	424.689	0.494	4.000	425.104	-2.00	4.222	424.770	-150.00
-4.315	424.494	-150.00	-4.000	424.966	-2.00	2114+0.000	425.046	424.594	0.453	4.000	424.966	-2.00	4.188	424.684	-150.00
-4.341	424.272	-150.00	-4.000	424.784	-2.00	2115+0.000	424.864	424.375	0.490	4.000	424.784	-2.00	4.209	424.471	-150.00
-4.403	423.998	-150.00	-4.000	424.603	-2.00	2116+0.000	424.683	424.124	0.559	4.000	424.603	-2.00	4.239	424.244	-150.00
-4.454	423.740	-150.00	-4.000	424.421	-2.00	2117+0.000	424.501	423.823	0.678	4.000	424.421	-2.00	4.318	423.944	-150.00
-4.534	423.438	-150.00	-4.000	424.239	-2.00	2118+0.000	424.319	423.535	0.784	4.000	424.239	-2.00	4.386	423.661	-150.00
-4.621	423.125	-150.00	-4.000	424.058	-2.00	2119+0.000	424.138	423.260	0.878	4.000	424.058	-2.00	4.440	423.397	-150.00
-4.556	423.041	-150.00	-4.000	423.876	-2.00	2120+0.000	423.956	423.103	0.852	4.000	423.876	-2.00	4.435	423.223	-150.00
-4.439	423.036	-150.00	-4.000	423.694	-2.00	2121+0.000	423.774	423.106	0.668	4.000	423.694	-2.00	4.330	423.199	-150.00
-4.325	423.024	-150.00	-4.000	423.512	-2.00	2122+0.000	423.592	423.138	0.454	4.000	423.512	-2.00	4.176	423.248	-150.00
-4.286	422.965	-150.00	-4.000	423.394	-2.00	2123+0.000	423.474	423.028	0.446	4.000	423.394	-2.00	4.184	423.117	-150.00
-4.318	423.047	-150.00	-4.000	423.524	-2.00	2124+0.000	423.604	423.117	0.487	4.000	423.524	-2.00	4.226	423.185	-150.00
-4.391	423.068	-150.00	-4.000	423.655	-2.00	2125+0.000	423.735	423.168	0.567	4.000	423.655	-2.00	4.262	423.262	-150.00

Gerivaldo Lisboa da Silva
Diretor de Projeto
Projetos e Obras Civis
Segurança e Saúde do Trabalho

-4.341	423.273	-150.00	-4.000	423.785	-2.00	2126+0.000	423.865	423.315	0.549	4.000	423.785	-2.00	4.282	423.361	-150.00
-4.291	423.478	-150.00	-4.000	423.915	-2.00	2127+0.000	423.995	423.545	0.450	4.000	423.915	-2.00	4.203	423.610	-150.00
-4.277	423.630	-150.00	-4.000	424.045	-2.00	2128+0.000	424.125	423.704	0.421	4.000	424.045	-2.00	4.180	423.776	-150.00
-4.273	423.766	-150.00	-4.000	424.176	-2.00	2129+0.000	424.256	423.815	0.441	4.000	424.176	-2.00	4.209	423.863	-150.00
-4.244	423.812	-150.00	-4.000	424.179	-2.00	2130+0.000	424.259	423.868	0.391	4.000	424.179	-2.00	4.177	423.914	-150.00
-4.258	423.665	-150.00	-4.000	424.052	-2.00	2131+0.000	424.132	423.718	0.414	4.000	424.052	-2.00	4.188	423.769	-150.00
-4.259	423.558	-150.00	-4.000	423.947	-2.00	2132+0.000	424.027	423.578	0.449	4.000	423.947	-2.00	4.233	423.597	-150.00
-4.278	423.570	-150.00	-4.000	423.987	-2.00	2133+0.000	424.067	423.590	0.476	4.000	423.987	-2.00	4.251	423.610	-150.00
-4.286	423.598	-150.00	-4.000	424.027	-2.00	2134+0.000	424.107	423.628	0.479	4.000	424.027	-2.00	4.246	423.658	-150.00
-4.256	423.689	-150.00	-4.000	424.073	-2.00	2135+0.000	424.153	423.713	0.440	4.000	424.073	-2.00	4.221	423.741	-150.00
-4.250	423.933	-150.00	-4.000	424.308	-2.00	2136+0.000	424.388	423.960	0.428	4.000	424.308	-2.00	4.215	423.986	-150.00
-4.256	424.186	-150.00	-4.000	424.571	-2.00	2137+0.000	424.651	424.213	0.438	4.000	424.571	-2.00	4.220	424.240	-150.00
-4.282	424.298	-150.00	-4.000	424.721	-2.00	2138+0.000	424.801	424.371	0.430	4.000	424.721	-2.00	4.186	424.442	-150.00
-4.252	424.309	-150.00	-4.000	424.687	-2.00	2139+0.000	424.767	424.393	0.375	4.000	424.687	-2.00	4.132	424.489	-150.00
-4.244	424.286	-150.00	-4.000	424.653	-2.00	2140+0.000	424.733	424.398	0.334	4.000	424.653	-2.00	4.099	424.504	-150.00
-4.341	424.106	-150.00	-4.000	424.618	-2.00	2141+0.000	424.698	424.253	0.445	4.000	424.618	-2.00	4.150	424.393	-150.00
-4.346	423.934	-150.00	-4.000	424.453	-2.00	2142+0.000	424.533	424.085	0.448	4.000	424.453	-2.00	4.149	424.229	-150.00
-4.365	423.735	-150.00	-4.000	424.283	-2.00	2143+0.000	424.363	423.913	0.450	4.000	424.283	-2.00	4.132	424.085	-150.00
-4.362	423.570	-150.00	-4.000	424.113	-2.00	2144+0.000	424.193	423.744	0.449	4.000	424.113	-2.00	4.136	423.909	-150.00
-4.351	423.416	-150.00	-4.000	423.943	-2.00	2145+0.000	424.023	423.613	0.410	4.000	423.943	-2.00	4.098	423.797	-150.00
-4.372	423.216	-150.00	-4.000	423.773	-2.00	2146+0.000	423.853	423.398	0.455	4.000	423.773	-2.00	4.122	423.590	-150.00
-4.430	423.155	-150.00	-4.000	423.801	-2.00	2147+0.000	423.881	423.335	0.546	4.000	423.801	-2.00	4.197	423.505	-150.00
-4.558	423.126	-150.00	-4.000	423.962	-2.00	2148+0.000	424.042	423.324	0.719	4.000	423.962	-2.00	4.293	423.523	-150.00
-4.573	423.265	-150.00	-4.000	424.124	-2.00	2149+0.000	424.204	423.427	0.777	4.000	424.124	-2.00	4.327	423.634	-150.00
-4.482	423.539	-150.00	-4.000	424.262	-2.00	2150+0.000	424.342	423.679	0.663	4.000	424.262	-2.00	4.305	423.805	-150.00
-4.365	423.832	-150.00	-4.000	424.379	-2.00	2151+0.000	424.459	423.954	0.505	4.000	424.379	-2.00	4.222	424.046	-150.00
-4.346	424.025	-150.00	-4.000	424.544	-2.00	2152+0.000	424.624	424.099	0.525	4.000	424.544	-2.00	4.251	424.167	-150.00
-4.454	424.088	-150.00	-4.000	424.769	-2.00	2153+0.000	424.849	424.153	0.695	4.000	424.769	-2.00	4.367	424.218	-150.00
-4.454	424.313	-150.00	-4.000	424.994	-2.00	2154+0.000	425.074	424.372	0.701	4.000	424.994	-2.00	4.375	424.431	-150.00
-4.455	424.536	-150.00	-4.000	425.218	-2.00	2155+0.000	425.298	424.581	0.717	4.000	425.218	-2.00	4.406	424.609	-150.00
-4.399	424.845	-150.00	-4.000	425.443	-2.00	2156+0.000	425.523	424.880	0.643	4.000	425.443	-2.00	4.371	424.887	-150.00
-4.341	425.156	-150.00	-4.000	425.668	-2.00	2157+0.000	425.748	425.163	0.585	4.000	425.668	-2.00	4.332	425.170	-150.00
-4.303	425.439	-150.00	-4.000	425.893	-2.00	2158+0.000	425.973	425.495	0.478	4.000	425.893	-2.00	4.235	425.539	-150.00
-4.259	425.721	-150.00	-4.000	426.110	-2.00	2159+0.000	426.190	425.742	0.448	4.000	426.110	-2.00	4.232	425.763	-150.00
-4.261	425.858	-150.00	-4.000	426.249	-2.00	2160+0.000	426.329	425.876	0.452	4.000	426.249	-2.00	4.236	425.895	-150.00
-4.286	425.831	-150.00	-4.000	426.259	-2.00	2161+0.000	426.339	425.879	0.460	4.000	426.259	-2.00	4.222	425.927	-150.00
-4.236	425.692	-150.00	-4.000	426.046	-2.00	2162+0.000	426.126	425.728	0.398	4.000	426.046	-2.00	4.188	425.764	-150.00
-4.214	425.512	-150.00	-4.000	425.833	-2.00	2163+0.000	425.913	425.503	0.410	4.000	425.833	-2.00	4.226	425.494	-150.00
-4.306	425.015	-150.00	-4.000	425.473	-2.00	2164+0.000	425.553	425.077	0.476	4.000	425.473	-2.00	4.223	425.138	-150.00
-4.269	424.393	-150.00	-4.000	424.796	-2.00	2165+0.000	424.876	424.424	0.452	4.000	424.796	-2.00	4.225	424.459	-150.00
-4.206	424.218	-150.00	-4.000	424.528	-2.00	2166+0.000	424.608	424.229	0.379	4.000	424.528	-2.00	4.192	424.240	-150.00
-4.191	423.987	-150.00	-4.000	424.273	-2.00	2167+0.000	424.353	424.041	0.312	4.000	424.273	-2.00	4.119	424.095	-150.00
-4.204	423.712	-150.00	-4.000	424.018	-2.00	2168+0.000	424.098	423.758	0.340	4.000	424.018	-2.00	4.143	423.803	-150.00
-4.264	423.367	-150.00	-4.000	423.763	-2.00	2169+0.000	423.843	423.415	0.429	4.000	423.763	-2.00	4.201	423.461	-150.00
-4.312	422.924	-150.00	-4.000	423.393	-2.00	2170+0.000	423.473	423.013	0.459	4.000	423.393	-2.00	4.195	423.100	-150.00
-4.316	422.414	-150.00	-4.000	422.887	-2.00	2171+0.000	422.967	422.506	0.461	4.000	422.887	-2.00	4.194	422.596	-150.00
-4.328	421.890	-150.00	-4.000	422.382	-2.00	2172+0.000	422.462	421.991	0.471	4.000	422.382	-2.00	4.195	422.090	-150.00
-4.351	421.350	-150.00	-4.000	421.877	-2.00	2173+0.000	421.957	421.463	0.494	4.000	421.877	-2.00	4.207	421.566	-150.00
-4.329	420.878	-150.00	-4.000	421.371	-2.00	2174+0.000	421.451	420.985	0.466	4.000	421.371	-2.00	4.189	421.087	-150.00
-4.327	420.395	-150.00	-4.000	420.885	-2.00	2175+0.000	420.965	420.515	0.450	4.000	420.885	-2.00	4.169	420.631	-150.00
-4.354	420.154	-150.00	-4.000	420.685	-2.00	2176+0.000	420.765	420.268	0.497	4.000	420.685	-2.00	4.205	420.377	-150.00
-4.357	419.986	-150.00	-4.000	420.521	-2.00	2177+0.000	420.601	420.086	0.515	4.000	420.521	-2.00	4.225	420.183	-150.00
-4.331	419.861	-150.00	-4.000	420.357	-2.00	2178+0.000	420.437	419.955	0.482	4.000	420.357	-2.00	4.207	420.047	-150.00
-4.289	419.702	-150.00	-4.000	420.135	-2.00	2179+0.000	420.215	419.774	0.441	4.000	420.135	-2.00	4.185	419.857	-150.00
-4.270	419.399	-150.00	-4.000	419.803	-2.00	2180+0.000	419.883	419.482	0.401	4.000	419.803	-2.00	4.156	419.569	-150.00
-4.302	419.010	-150.00	-4.000	419.463	-2.00	2181+0.000	419.543	419.114	0.428	4.000	419.463	-2.00	4.165	419.215	-150.00
-4.318	418.559	-150.00	-4.000	419.037	-2.00	2182+0.000	419.117	418.649	0.468	4.000	419.037	-2.00	4.192	418.749	-150.00
-4.348	418.062	-150.00	-4.000	418.585	-2.00	2183+0.000	418.665	418.166	0.499	4.000	418.585	-2.00	4.213	418.266	-150.00
-4.383	417.558	-150.00	-4.000	418.132	-2.00	2184+0.000	418.212	417.687	0.525	4.000	418.132	-2.00	4.213	417.812	-150.00
-4.327	417.191	-150.00	-4.000	417.681	-2.00	2185+0.000	417.761	417.305	0.456	4.000	417.681	-2.00	4.163	417.437	-150.00
-4.345	417.017	-150.00	-4.000	417.535	-2.00	2186+0.000	417.615	417.174	0.441	4.000	417.535	-2.00	4.141	417.323	-150.00
-4.347	417.006	-150.00	-4.000	417.526	-2.00	2187+0.000	417.606	417.164	0.442	4.000	417.526	-2.00	4.141	417.315	-150.00
-4.393	417.023	-150.00	-4.000	417.612	-2.00	2188+0.000	417.692	417.190	0.503	4.000	417.612	-2.00	4.176	417.348	-150.00
-4.451	417.030	-150.00	-4.000	417.707	-2.00	2189+0.000	417.787	417.221	0.565	4.000	417.707	-2.00	4.205	417.400	-150.00
-4.542	416.988	-150.00	-4.000	417.801	-2.00	2190+0.000	417.881	417.177	0.704	4.000	417.801	-2.00	4.293	417.361	-150.00
-4.653	416.915	-150.00	-4.000	417.895	-2.00	2191+0.000	417.975	417.147	0.828	4.000	417.895	-2.00	4.364	417.350	-150.00
-4.635	417.037	-150.00	-4.000	417.990	-2.00	2192+0.000	418.070	417.220	0.849	4.000	417.990	-2.00	4.397	417.394	-150.00
-4.660	417.095	-150.00	-4.000	418.084	-2.00	2193+0.000	418.164	417.287	0.877	4.000	418.084	-2.00	4.409	417.470	-150.00
-4.596	417.285	-150.00	-4.000	418.178	-2.00	2194+0.000	418.258	417.489	0.769	4.000	418.178	-2.00	4.331	417.682	-150.00
-4.492	417.534	-150.00	-4.000	418.273	-2.00	2195+0.000	418.353	417.738	0.615	4.000	418.273	-2.00	4.229	417.930	-150.00
-4.424	417.731	-150.00	-4.000	418.367	-2.00	2196+0.000	418.447	417.944	0.503	4.000	418.367	-2.00	4.148	418.146	-150.00
-4.416	417.842	-150.00	-4.000	418.466	-2.00	2197+0.000	418.546	418.101	0.445	4.000	418.466	-2.00	4.098	418.319	-150.00
-4.518	417.820	-150.00	-4.000	418.597	-2.00	2198+0.000	418.677	418.134	0.543	4.000	418.597	-2.00	4.118	418.420	-150.00
-4.596	417.833	-150.00	-4.000	418.728	-2.00	2199+0.000	418.808	418.133	0.674	4.000	418.728	-2.00	4.204	418.421	-150.00
-4.678	417.841	-150.00	-4.000	418.859	-2.00	2200+0.000	418.939	418.131	0.808	4.000	418.859	-2.00	4.307	418.398	-150.00
-4.670	417.984	-150.00	-4.000	418.989	-2.00	2201+0.000	419.069	418.230	0.839	4.000	418.989	-2.00	4.353	418.459	-150.00
-4.644	418.154	-150.00	-4.000	419.120	-2.00	2202+0.000	419.200	418.346	0.855	4.000	419.120	-2.00	4.396	418.527	-150.00
-4.633	418.301	-150.00	-4.000	419.251	-2.00	2203+0.000	419.331	418.522	0.810	4.000	419.251	-2.00	4.399	418.652	-150.00
-4.671	418.376	-150.00	-4.000	419.382	-2.00	2204+0.000	419.462	418.559	0.903	4.000	419.382	-2.00	4.401	418.781	-150.00

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-4.587	418.632	-150.00	-4.000	419.513	-2.00	2205+0.000	419.593	418.790	0.803	4.000	419.513	-2.00	4.381	418.941	-150.00
-4.457	418.959	-150.00	-4.000	419.644	-2.00	2206+0.000	419.724	419.065	0.660	4.000	419.644	-2.00	4.318	419.167	-150.00
-4.389	419.192	-150.00	-4.000	419.775	-2.00	2207+0.000	419.855	419.265	0.590	4.000	419.775	-2.00	4.292	419.336	-150.00
-4.310	419.442	-150.00	-4.000	419.906	-2.00	2208+0.000	419.986	419.506	0.480	4.000	419.906	-2.00	4.225	419.569	-150.00
-4.249	419.647	-150.00	-4.000	420.020	-2.00	2209+0.000	420.100	419.667	0.433	4.000	420.020	-2.00	4.216	419.696	-150.00
-4.265	419.707	-150.00	-4.000	420.105	-2.00	2210+0.000	420.185	419.723	0.462	4.000	420.105	-2.00	4.247	419.734	-150.00
-4.239	419.721	-150.00	-4.000	420.080	-2.00	2211+0.000	420.160	419.701	0.458	4.000	420.080	-2.00	4.265	419.681	-150.00
-4.124	419.726	-150.00	-4.000	419.912	-2.00	2212+0.000	419.992	419.667	0.325	4.000	419.912	-2.00	4.203	419.608	-150.00
-4.099	419.596	-150.00	-4.000	419.745	-2.00	2213+0.000	419.825	419.518	0.308	4.000	419.745	-2.00	4.205	419.437	-150.00
-4.144	419.362	-150.00	-4.000	419.578	-2.00	2214+0.000	419.658	419.272	0.386	4.000	419.578	-2.00	4.266	419.179	-150.00
-4.118	419.234	-150.00	-4.000	419.411	-2.00	2215+0.000	419.491	419.106	0.385	4.000	419.411	-2.00	4.293	418.972	-150.00
-4.128	419.052	-150.00	-4.000	419.244	-2.00	2216+0.000	419.324	418.877	0.447	4.000	419.244	-2.00	4.362	418.700	-150.00
-4.123	418.906	-150.00	-4.000	419.090	-2.00	2217+0.000	419.170	418.722	0.448	4.000	419.090	-2.00	4.372	418.532	-150.00
-4.107	418.825	-150.00	-4.000	418.985	-2.00	2218+0.000	419.065	418.645	0.420	4.000	418.985	-2.00	4.354	418.454	-150.00
-4.078	418.767	-150.00	-4.000	418.885	-2.00	2219+0.000	418.965	418.595	0.370	4.000	418.885	-2.00	4.315	418.413	-150.00
-4.169	418.530	-150.00	-4.000	418.784	-2.00	2220+0.000	418.864	418.377	0.487	4.000	418.784	-2.00	4.365	418.236	-150.00
-4.157	418.447	-150.00	-4.000	418.683	-2.00	2221+0.000	418.763	418.341	0.422	4.000	418.683	-2.00	4.307	418.224	-150.00
-4.212	418.475	-150.00	-4.000	418.792	-2.00	2222+0.000	418.872	418.427	0.445	4.000	418.792	-2.00	4.275	418.379	-150.00
-4.341	418.792	-150.00	-4.000	419.303	-2.00	2223+0.000	419.383	418.767	0.616	4.000	419.303	-2.00	4.374	418.741	-150.00
-4.373	419.254	-150.00	-4.000	419.813	-2.00	2224+0.000	419.893	419.273	0.620	4.000	419.813	-2.00	4.356	419.280	-150.00
-4.386	419.745	-150.00	-4.000	420.324	-2.00	2225+0.000	420.404	419.775	0.629	4.000	420.324	-2.00	4.346	419.805	-150.00
-4.299	420.385	-150.00	-4.000	420.835	-2.00	2226+0.000	420.915	420.426	0.488	4.000	420.835	-2.00	4.253	420.455	-150.00
-4.282	420.935	-150.00	-4.000	421.357	-2.00	2227+0.000	421.437	420.999	0.438	4.000	421.357	-2.00	4.201	421.056	-150.00
-4.253	421.516	-150.00	-4.000	421.895	-2.00	2228+0.000	421.975	421.553	0.423	4.000	421.895	-2.00	4.209	421.582	-150.00
-4.244	421.991	-150.00	-4.000	422.357	-2.00	2229+0.000	422.437	422.023	0.414	4.000	422.357	-2.00	4.202	422.054	-150.00
-4.225	422.472	-150.00	-4.000	422.809	-2.00	2230+0.000	422.889	422.495	0.394	4.000	422.809	-2.00	4.194	422.517	-150.00
-4.223	422.926	-150.00	-4.000	423.261	-2.00	2231+0.000	423.341	422.941	0.400	4.000	423.261	-2.00	4.204	422.956	-150.00
-4.232	423.284	-150.00	-4.000	423.632	-2.00	2232+0.000	423.712	423.306	0.406	4.000	423.632	-2.00	4.203	423.328	-150.00
-4.216	423.632	-150.00	-4.000	423.956	-2.00	2233+0.000	424.036	423.654	0.381	4.000	423.956	-2.00	4.186	423.677	-150.00
-4.245	423.906	-150.00	-4.000	424.273	-2.00	2234+0.000	424.353	423.937	0.416	4.000	424.273	-2.00	4.204	423.967	-150.00
-4.264	424.131	-150.00	-4.000	424.526	-2.00	2235+0.000	424.606	424.165	0.441	4.000	424.526	-2.00	4.220	424.196	-150.00
-4.270	424.302	-150.00	-4.000	424.707	-2.00	2236+0.000	424.787	424.346	0.441	4.000	424.707	-2.00	4.211	424.390	-150.00
-4.297	424.420	-150.00	-4.000	424.865	-2.00	2237+0.000	424.945	424.498	0.447	4.000	424.865	-2.00	4.201	424.564	-150.00
-4.302	424.480	-150.00	-4.000	424.932	-2.00	2238+0.000	425.012	424.558	0.454	4.000	424.932	-2.00	4.199	424.634	-150.00
-4.294	424.534	-150.00	-4.000	424.975	-2.00	2239+0.000	425.055	424.607	0.448	4.000	424.975	-2.00	4.198	424.678	-150.00
-4.296	424.518	-150.00	-4.000	424.962	-2.00	2240+0.000	425.042	424.576	0.466	4.000	424.962	-2.00	4.212	424.644	-150.00
-4.279	424.333	-150.00	-4.000	424.751	-2.00	2241+0.000	424.831	424.391	0.440	4.000	424.751	-2.00	4.202	424.449	-150.00
-4.205	424.155	-150.00	-4.000	424.463	-2.00	2242+0.000	424.543	424.167	0.376	4.000	424.463	-2.00	4.190	424.178	-150.00
-4.239	423.818	-150.00	-4.000	424.176	-2.00	2243+0.000	424.256	423.801	0.455	4.000	424.176	-2.00	4.242	423.813	-150.00
-4.223	423.510	-150.00	-4.000	423.844	-2.00	2244+0.000	423.924	423.482	0.442	4.000	423.844	-2.00	4.261	423.453	-150.00
-4.195	423.258	-150.00	-4.000	423.550	-2.00	2245+0.000	423.630	423.188	0.442	4.000	423.550	-2.00	4.290	423.115	-150.00
-4.191	423.065	-150.00	-4.000	423.352	-2.00	2246+0.000	423.432	422.991	0.441	4.000	423.352	-2.00	4.291	422.916	-150.00
-4.171	422.969	-150.00	-4.000	423.226	-2.00	2247+0.000	423.306	422.868	0.438	4.000	423.226	-2.00	4.306	422.768	-150.00
-4.173	422.847	-150.00	-4.000	423.106	-2.00	2248+0.000	423.186	422.746	0.441	4.000	423.106	-2.00	4.299	422.657	-150.00
-4.180	422.716	-150.00	-4.000	422.986	-2.00	2249+0.000	423.066	422.615	0.451	4.000	422.986	-2.00	4.303	422.531	-150.00
-4.206	422.440	-150.00	-4.000	422.749	-2.00	2250+0.000	422.829	422.367	0.462	4.000	422.749	-2.00	4.264	422.354	-150.00
-4.263	422.037	-150.00	-4.000	422.432	-2.00	2251+0.000	422.512	422.037	0.475	4.000	422.432	-2.00	4.244	422.066	-150.00
-4.250	421.677	-150.00	-4.000	422.052	-2.00	2252+0.000	422.132	421.676	0.456	4.000	422.052	-2.00	4.219	421.724	-150.00
-4.277	421.258	-150.00	-4.000	421.673	-2.00	2253+0.000	421.753	421.297	0.456	4.000	421.673	-2.00	4.199	421.375	-150.00
-4.291	420.857	-150.00	-4.000	421.294	-2.00	2254+0.000	421.374	420.916	0.458	4.000	421.294	-2.00	4.197	420.998	-150.00
-4.295	420.707	-150.00	-4.000	421.150	-2.00	2255+0.000	421.230	420.785	0.445	4.000	421.150	-2.00	4.188	420.868	-150.00
-4.301	420.584	-150.00	-4.000	421.036	-2.00	2256+0.000	421.116	420.662	0.453	4.000	421.036	-2.00	4.205	420.727	-150.00
-4.288	420.487	-150.00	-4.000	420.918	-2.00	2257+0.000	420.998	420.547	0.451	4.000	420.918	-2.00	4.204	420.611	-150.00
-4.293	420.243	-150.00	-4.000	420.682	-2.00	2258+0.000	420.762	420.299	0.463	4.000	420.682	-2.00	4.225	420.345	-150.00
-4.283	419.876	-150.00	-4.000	420.300	-2.00	2259+0.000	420.380	419.906	0.474	4.000	420.300	-2.00	4.234	419.949	-150.00
-4.271	419.318	-150.00	-4.000	419.724	-2.00	2260+0.000	419.804	419.328	0.476	4.000	419.724	-2.00	4.252	419.346	-150.00
-4.264	418.501	-150.00	-4.000	418.897	-2.00	2261+0.000	418.977	418.491	0.485	4.000	418.897	-2.00	4.285	418.469	-150.00
-4.252	417.603	-150.00	-4.000	417.980	-2.00	2262+0.000	418.060	417.576	0.484	4.000	417.980	-2.00	4.288	417.548	-150.00
-4.246	416.610	-150.00	-4.000	416.978	-2.00	2263+0.000	417.058	416.574	0.484	4.000	416.978	-2.00	4.293	416.539	-150.00
-4.237	415.621	-150.00	-4.000	415.977	-2.00	2264+0.000	416.057	415.577	0.479	4.000	415.977	-2.00	4.296	415.533	-150.00
-4.298	414.528	-150.00	-4.000	414.975	-2.00	2265+0.000	415.055	414.512	0.542	4.000	414.975	-2.00	4.319	414.497	-150.00
-4.299	413.524	-150.00	-4.000	413.973	-2.00	2266+0.000	414.053	413.508	0.545	4.000	413.973	-2.00	4.320	413.493	-150.00
-4.284	412.546	-150.00	-4.000	412.971	-2.00	2267+0.000	413.051	412.534	0.517	4.000	412.971	-2.00	4.299	412.522	-150.00
-4.247	411.613	-150.00	-4.000	411.983	-2.00	2268+0.000	412.063	411.585	0.478	4.000	411.983	-2.00	4.283	411.558	-150.00
-4.257	410.699	-150.00	-4.000	411.084	-2.00	2269+0.000	411.164	410.683	0.480	4.000	411.084	-2.00	4.282	410.661	-150.00
-4.221	409.953	-150.00	-4.000	410.284	-2.00	2270+0.000	410.364	409.912	0.452	4.000	410.284	-2.00	4.276	409.871	-150.00
-4.187	409.470	-150.00	-4.000	409.750	-2.00	2270+15.000	409.830	409.418	0.412	4.000	409.750	-2.00	4.257	409.365	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Normas
Projetos e Obras - DUNOR
Secretaria das Cidades

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PIAUÍ
AQUI TEM TRABALHO.
AQUI TEM FUTURO.

TRECHO 2: MUNICÍPIO DE FARTURA DO PIAUI AO MUNICÍPIO DE DIRCEU ARCOVERDE - PI

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
0+0,00	0,320	0,000	0,000	0,000	0,000	0,000	0,000
1+0,00	0,030	0,330	3,510	3,330	3,510	3,330	0,180
2+0,00	0,000	1,150	0,330	14,840	3,850	18,170	-14,320
3+0,00	0,000	2,710	0,000	38,610	3,850	56,780	-52,930
4+0,00	0,000	3,330	0,000	60,380	3,850	117,170	-113,320
5+0,00	0,000	3,460	0,000	67,900	3,850	185,070	-181,220
6+0,00	0,000	4,540	0,000	80,090	3,850	265,160	-261,310
7+0,00	0,000	5,590	0,000	101,300	3,850	366,460	-362,610
8+0,00	0,000	5,120	0,000	107,050	3,850	473,510	-469,660
9+0,00	0,000	4,320	0,000	94,400	3,850	567,910	-564,060
10+0,00	0,000	3,460	0,000	77,760	3,850	645,660	-641,810
11+0,00	0,000	3,470	0,000	69,250	3,850	714,920	-711,070
12+0,00	0,000	3,430	0,000	68,970	3,850	783,890	-780,040
13+0,00	0,000	3,340	0,000	67,690	3,850	851,580	-847,730
14+0,00	0,000	3,160	0,000	65,010	3,850	916,580	-912,730
15+0,00	0,000	3,380	0,000	65,370	3,850	981,960	-978,110
16+0,00	0,000	3,460	0,000	68,370	3,850	1050,330	-1046,480
17+0,00	0,000	3,530	0,000	69,890	3,850	1120,210	-1116,360
18+0,00	0,000	3,700	0,000	72,250	3,850	1192,460	-1188,610
19+0,00	0,000	3,630	0,000	73,260	3,850	1265,720	-1261,870
20+0,00	0,000	3,400	0,000	70,250	3,850	1335,970	-1332,120
21+0,00	0,000	3,490	0,000	68,880	3,850	1404,850	-1401,000
22+0,00	0,000	3,880	0,000	73,760	3,850	1478,620	-1474,770
23+0,00	0,000	3,480	0,000	73,690	3,850	1552,310	-1548,460
24+0,00	0,000	3,160	0,000	66,450	3,850	1618,760	-1614,910
25+0,00	0,000	4,810	0,000	79,780	3,850	1698,540	-1694,690
26+0,00	0,000	5,200	0,000	100,050	3,850	1798,590	-1794,740
27+0,00	0,000	4,290	0,000	94,860	3,850	1893,450	-1889,600
28+0,00	0,000	2,560	0,000	68,540	3,850	1961,990	-1958,140
29+0,00	0,000	1,280	0,000	38,460	3,850	2000,460	-1996,610
30+0,00	0,050	0,570	0,530	18,510	4,380	2018,960	-2014,580
31+0,00	0,000	2,880	0,540	34,500	4,920	2053,460	-2048,540
32+0,00	0,000	3,250	0,000	61,350	4,920	2114,810	-2109,890
33+0,00	0,000	3,300	0,000	65,590	4,920	2180,400	-2175,480
34+0,00	0,000	3,310	0,000	66,050	4,920	2246,450	-2241,530
35+0,00	0,000	0,000	0,000	33,100	4,920	2279,550	-2274,630
36+0,00	0,000	3,210	0,000	32,050	4,920	2311,600	-2306,680
37+0,00	0,000	3,210	0,000	64,140	4,920	2375,740	-2370,820
38+0,00	0,000	3,250	0,000	64,550	4,920	2440,290	-2435,370
39+0,00	0,000	3,250	0,000	64,980	4,920	2505,280	-2500,360
40+0,00	0,000	3,210	0,000	64,750	4,920	2570,030	-2565,110
41+0,00	0,000	3,360	0,000	65,840	4,920	2635,870	-2630,950
42+0,00	0,000	3,320	0,000	66,860	4,920	2702,730	-2697,810
43+0,00	0,000	3,340	0,000	66,610	4,920	2769,340	-2764,420
44+0,00	0,000	3,360	0,000	67,110	4,920	2836,450	-2831,530
45+0,00	0,000	3,070	0,000	64,380	4,920	2900,830	-2895,910
46+0,00	0,000	2,460	0,000	55,280	4,920	2956,110	-2951,190
47+0,00	0,000	2,620	0,000	50,750	4,920	3006,860	-3001,940
48+0,00	0,000	2,910	0,000	55,250	4,920	3062,100	-3057,180
49+0,00	0,000	3,390	0,000	63,010	4,920	3125,120	-3120,200
50+0,00	0,000	3,340	0,000	67,250	4,920	3192,370	-3187,450
51+0,00	0,000	3,330	0,000	66,570	4,920	3258,940	-3254,020
52+0,00	0,000	3,370	0,000	66,770	4,920	3325,710	-3320,790
53+0,00	0,000	3,430	0,000	67,880	4,920	3393,600	-3388,680
54+0,00	0,000	3,320	0,000	67,270	4,920	3460,870	-3455,950
55+0,00	0,000	3,150	0,000	64,390	4,920	3525,260	-3520,340

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
56+0,00	0,000	3,470	0,000	66,190	4,920	3591,460	-3586,540
57+0,00	0,000	3,430	0,000	68,860	4,920	3660,320	-3655,400
58+0,00	0,000	3,410	0,000	68,390	4,920	3728,710	-3723,790
59+0,00	0,000	3,400	0,000	68,140	4,920	3796,850	-3791,930
60+0,00	0,000	3,390	0,000	67,980	4,920	3864,830	-3859,910
61+0,00	0,000	3,210	0,000	66,040	4,920	3930,870	-3925,950
62+0,00	0,000	4,100	0,000	73,070	4,920	4003,940	-3999,020
63+0,00	0,000	7,010	0,000	111,060	4,920	4115,000	-4110,080
64+0,00	0,000	8,350	0,000	153,550	4,920	4268,550	-4263,630
65+0,00	0,000	8,560	0,000	169,020	4,920	4437,570	-4432,650
66+0,00	0,000	7,850	0,000	164,030	4,920	4601,600	-4596,680
67+0,00	0,000	6,260	0,000	141,030	4,920	4742,630	-4737,710
68+0,00	0,000	4,860	0,000	111,180	4,920	4853,810	-4848,890
69+0,00	0,000	3,380	0,000	82,360	4,920	4936,170	-4931,250
70+0,00	0,000	3,310	0,000	66,900	4,920	5003,070	-4998,150
71+0,00	0,000	3,220	0,000	65,360	4,920	5068,430	-5063,510
72+0,00	0,000	3,250	0,000	64,680	4,920	5133,100	-5128,180
73+0,00	0,000	3,110	0,000	63,620	4,920	5196,720	-5191,800
74+0,00	0,000	3,150	0,000	62,670	4,920	5259,390	-5254,470
75+0,00	0,000	3,110	0,000	62,810	4,920	5322,200	-5317,280
76+0,00	0,000	2,940	0,000	60,580	4,920	5382,780	-5377,860
77+0,00	0,000	3,180	0,000	61,280	4,920	5444,060	-5439,140
78+0,00	0,000	3,080	0,000	62,660	4,920	5506,720	-5501,800
79+0,00	0,000	3,200	0,000	62,790	4,920	5569,510	-5564,590
80+0,00	0,000	3,180	0,000	63,760	4,920	5633,270	-5628,350
81+0,00	0,000	3,180	0,000	63,560	4,920	5696,830	-5691,910
82+0,00	0,000	3,010	0,000	61,890	4,920	5758,720	-5753,800
83+0,00	0,000	3,650	0,000	66,630	4,920	5825,350	-5820,430
84+0,00	0,000	3,080	0,000	67,270	4,920	5892,620	-5887,700
85+0,00	0,000	2,950	0,000	60,230	4,920	5952,840	-5947,920
86+0,00	0,000	3,160	0,000	61,040	4,920	6013,880	-6008,960
87+0,00	0,000	3,370	0,000	65,240	4,920	6079,120	-6074,200
88+0,00	0,000	3,150	0,000	65,170	4,920	6144,290	-6139,370
89+0,00	0,000	2,210	0,000	53,550	4,920	6197,840	-6192,920
90+0,00	0,000	2,950	0,000	51,580	4,920	6249,430	-6244,510
91+0,00	0,000	3,220	0,000	61,710	4,920	6311,130	-6306,210
92+0,00	0,000	4,390	0,000	76,140	4,920	6387,270	-6382,350
93+0,00	0,000	3,900	0,000	82,940	4,920	6470,210	-6465,290
94+0,00	0,000	3,520	0,000	74,230	4,920	6544,440	-6539,520
95+0,00	0,000	3,190	0,000	67,120	4,920	6611,560	-6606,640
96+0,00	0,000	3,220	0,000	64,080	4,920	6675,640	-6670,720
97+0,00	0,020	3,110	0,240	63,300	5,160	6738,940	-6733,780
98+0,00	0,070	3,220	0,920	63,230	6,080	6802,170	-6796,090
99+0,00	0,040	3,560	1,050	67,770	7,130	6869,940	-6862,810
100+0,00	0,000	3,240	0,360	67,940	7,490	6937,880	-6930,390
101+0,00	0,000	3,280	0,000	65,100	7,490	7002,980	-6995,490
102+0,00	0,000	3,570	0,000	68,440	7,490	7071,420	-7063,930
103+0,00	0,000	3,220	0,000	67,920	7,490	7139,350	-7131,860
104+0,00	0,000	3,210	0,000	64,330	7,490	7203,680	-7196,190
105+0,00	0,000	3,490	0,000	67,040	7,490	7270,720	-7263,230
106+0,00	0,000	3,480	0,000	69,740	7,490	7340,460	-7332,970
107+0,00	0,000	3,290	0,000	67,690	7,490	7408,160	-7400,670
108+0,00	0,000	3,300	0,000	65,840	7,490	7474,000	-7466,510
109+0,00	0,000	2,930	0,000	62,250	7,490	7536,250	-7528,760
110+0,00	0,000	2,240	0,000	51,650	7,490	7587,900	-7580,410
111+0,00	0,000	2,160	0,000	44,030	7,490	7631,930	-7624,440
112+0,00	0,000	3,160	0,000	53,310	7,490	7685,250	-7677,760
113+0,00	0,000	4,070	0,000	72,370	7,490	7757,620	-7750,130
114+0,00	0,000	4,440	0,000	85,140	7,490	7842,760	-7835,270
115+0,00	0,000	4,450	0,000	88,920	7,490	7931,680	-7924,190
116+0,00	0,000	3,580	0,000	80,260	7,490	8011,940	-8004,450
117+0,00	0,000	3,280	0,000	68,570	7,490	8080,500	-8073,010
118+0,00	0,000	3,280	0,000	65,660	7,490	8146,160	-8138,670
119+0,00	0,000	3,300	0,000	65,830	7,490	8211,990	-8204,500
120+0,00	0,000	3,390	0,000	66,850	7,490	8278,830	-8271,340

Osmar Lobato da Silva
Diretor de Projetos
Portaria 0000/2018
Secretaria de Obras e Serviços Públicos

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
121+0,00	0,000	3,320	0,000	67,010	7,490	8345,850	-8338,360
122+0,00	0,000	4,200	0,000	75,140	7,490	8420,990	-8413,500
123+0,00	0,000	6,110	0,000	103,150	7,490	8524,130	-8516,640
124+0,00	0,000	7,570	0,000	136,840	7,490	8660,970	-8653,480
125+0,00	0,000	9,300	0,000	168,640	7,490	8829,610	-8822,120
126+0,00	0,000	11,430	0,000	207,280	7,490	9036,880	-9029,390
127+0,00	0,000	11,100	0,000	225,350	7,490	9262,230	-9254,740
128+0,00	0,000	10,380	0,000	214,850	7,490	9477,080	-9469,590
129+0,00	0,000	9,140	0,000	195,220	7,490	9672,300	-9664,810
130+0,00	0,000	7,590	0,000	167,330	7,490	9839,620	-9832,130
131+0,00	0,000	5,670	0,000	132,640	7,490	9972,260	-9964,770
132+0,00	0,000	4,220	0,000	98,870	7,490	10071,130	-10063,640
133+0,00	0,000	3,290	0,000	75,120	7,490	10146,250	-10138,760
134+0,00	0,000	3,340	0,000	66,390	7,490	10212,640	-10205,150
135+0,00	0,000	3,260	0,000	66,040	7,490	10278,680	-10271,190
136+0,00	0,000	3,340	0,000	66,000	7,490	10344,670	-10337,180
137+0,00	0,000	3,330	0,000	66,750	7,490	10411,420	-10403,930
138+0,00	0,000	3,590	0,000	69,200	7,490	10480,620	-10473,130
139+0,00	0,000	3,420	0,000	70,100	7,490	10550,730	-10543,240
140+0,00	0,000	3,530	0,000	69,530	7,490	10620,260	-10612,770
141+0,00	0,000	3,500	0,000	70,290	7,490	10690,550	-10683,060
142+0,00	0,000	3,530	0,000	70,240	7,490	10760,780	-10753,290
143+0,00	0,050	3,520	0,510	70,450	8,000	10831,240	-10823,240
144+0,00	0,000	3,590	0,510	71,170	8,510	10902,400	-10893,890
145+0,00	0,000	2,580	0,000	61,720	8,510	10964,120	-10955,610
146+0,00	0,000	3,490	0,000	60,690	8,510	11024,810	-11016,300
147+0,00	0,000	3,500	0,000	69,890	8,510	11094,700	-11086,190
148+0,00	0,000	3,830	0,000	73,310	8,510	11168,010	-11159,500
149+0,00	0,000	4,230	0,000	80,590	8,510	11248,610	-11240,100
150+0,00	0,000	4,220	0,000	84,470	8,510	11333,080	-11324,570
151+0,00	0,000	4,220	0,000	84,350	8,510	11417,430	-11408,920
152+0,00	0,000	3,650	0,000	78,640	8,510	11496,080	-11487,570
153+0,00	0,000	4,060	0,000	77,130	8,510	11573,210	-11564,700
154+0,00	0,000	3,740	0,000	78,020	8,510	11651,230	-11642,720
155+0,00	0,000	3,810	0,000	75,540	8,510	11726,770	-11718,260
156+0,00	0,000	3,530	0,000	73,410	8,510	11800,180	-11791,670
157+0,00	0,000	0,000	0,000	35,260	8,510	11835,450	-11826,940
158+0,00	0,000	3,000	0,000	30,030	8,510	11865,480	-11856,970
159+0,00	0,000	3,530	0,000	65,350	8,510	11930,820	-11922,310
160+0,00	0,000	3,710	0,000	72,550	8,510	12003,370	-11994,860
161+0,00	0,000	3,840	0,000	75,540	8,510	12078,910	-12070,400
162+0,00	0,000	5,090	0,000	89,370	8,510	12168,280	-12159,770
163+0,00	0,000	4,650	0,000	97,450	8,510	12265,720	-12257,210
164+0,00	0,000	4,930	0,000	95,770	8,510	12361,490	-12352,980
165+0,00	0,000	3,620	0,000	85,450	8,510	12446,940	-12438,430
166+0,00	0,000	3,800	0,000	74,220	8,510	12521,160	-12512,650
167+0,00	0,000	2,680	0,000	64,840	8,510	12585,990	-12577,480
168+0,00	0,000	4,130	0,000	68,110	8,510	12654,110	-12645,600
169+0,00	0,000	3,510	0,000	76,420	8,510	12730,530	-12722,020
170+0,00	0,000	3,070	0,000	65,780	8,510	12796,310	-12787,800
171+0,00	0,000	2,940	0,000	60,070	8,510	12856,380	-12847,870
172+0,00	0,000	2,970	0,000	59,050	8,510	12915,430	-12906,920
173+0,00	0,000	2,820	0,000	57,690	8,510	12973,120	-12964,610
174+0,00	0,000	2,800	0,000	55,930	8,510	13029,050	-13020,540
175+0,00	0,000	0,000	0,000	28,050	8,510	13057,100	-13048,590
176+0,00	0,000	2,730	0,000	27,300	8,510	13084,400	-13075,890
177+0,00	0,000	3,040	0,000	57,790	8,510	13142,190	-13133,680
178+0,00	0,000	3,030	0,000	60,370	8,510	13202,560	-13194,050
179+0,00	0,000	3,210	0,010	62,270	8,510	13264,830	-13256,320
180+0,00	0,120	3,110	1,140	63,520	9,650	13328,350	-13318,700
181+0,00	0,090	3,010	2,030	61,390	11,680	13389,730	-13378,050
182+0,00	0,000	2,900	0,900	59,170	12,580	13448,910	-13436,330
183+0,00	0,000	3,260	0,000	61,610	12,580	13510,520	-13497,940
184+0,00	0,000	3,320	0,000	65,720	12,580	13576,240	-13563,660
185+0,00	0,000	3,320	0,000	66,370	12,580	13642,610	-13630,030

Osvaldo Leônco da Silva F...
Diretor...
Prefeitura...
Secretaria...

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
186+0,00	0,000	3,550	0,000	68,780	12,580	13711,400	-13698,820
187+0,00	0,000	3,360	0,000	69,090	12,580	13780,490	-13767,910
188+0,00	0,000	3,430	0,000	67,930	12,580	13848,420	-13835,840
189+0,00	0,000	3,410	0,000	68,390	12,580	13916,810	-13904,230
190+0,00	0,000	3,220	0,000	66,740	12,580	13983,550	-13970,970
191+0,00	0,000	3,310	0,000	65,280	12,580	14048,830	-14036,250
192+0,00	0,000	3,040	0,000	64,590	12,580	14113,420	-14100,840
193+0,00	0,000	2,850	0,000	58,900	12,580	14172,320	-14159,740
194+0,00	0,000	2,630	0,000	54,870	12,580	14227,190	-14214,610
195+0,00	0,000	3,420	0,000	60,790	12,580	14287,980	-14275,400
196+0,00	0,000	3,280	0,000	67,080	12,580	14355,060	-14342,480
197+0,00	0,000	3,330	0,000	66,350	12,580	14421,400	-14408,820
198+0,00	0,000	3,080	0,000	64,250	12,580	14485,650	-14473,070
199+0,00	0,110	1,480	1,090	45,630	13,660	14531,290	-14517,630
200+0,00	1,710	0,010	18,200	14,910	31,860	14546,200	-14514,340
201+0,00	0,640	0,340	23,800	3,440	55,660	14549,630	-14493,970
202+0,00	0,000	3,150	6,370	34,860	62,030	14584,490	-14522,460
203+0,00	0,000	3,250	0,000	63,830	62,030	14648,320	-14586,290
204+0,00	0,000	3,210	0,000	64,560	62,030	14712,890	-14650,860
205+0,00	0,000	3,170	0,000	63,540	62,030	14776,420	-14714,390
206+0,00	0,000	3,310	0,000	64,790	62,030	14841,210	-14779,180
207+0,00	0,000	3,730	0,000	70,360	62,030	14911,570	-14849,540
208+0,00	0,000	3,530	0,000	72,550	62,030	14984,120	-14922,090
209+0,00	0,000	3,800	0,000	73,290	62,030	15057,410	-14995,380
210+0,00	0,000	3,760	0,000	75,600	62,030	15133,010	-15070,980
211+0,00	0,000	3,190	0,000	69,470	62,030	15202,470	-15140,440
212+0,00	0,000	4,460	0,000	76,600	62,030	15279,070	-15217,040
213+0,00	0,010	4,570	0,080	90,550	62,110	15369,630	-15307,520
214+0,00	0,000	4,320	0,080	88,930	62,190	15458,560	-15396,370
215+0,00	0,000	3,300	0,000	76,300	62,190	15534,860	-15472,670
216+0,00	0,000	3,410	0,000	67,070	62,190	15601,930	-15539,740
217+0,00	0,000	3,260	0,000	66,670	62,190	15668,600	-15606,410
218+0,00	0,000	2,930	0,000	61,810	62,190	15730,410	-15668,220
219+0,00	0,000	3,190	0,000	61,190	62,190	15791,600	-15729,410
220+0,00	0,000	3,120	0,000	63,150	62,190	15854,750	-15792,560
221+0,00	0,000	4,550	0,000	76,680	62,190	15931,440	-15869,250
222+0,00	0,000	5,530	0,000	100,780	62,190	16032,210	-15970,020
223+0,00	0,000	7,280	0,000	128,070	62,190	16160,280	-16098,090
224+0,00	0,000	6,790	0,000	140,660	62,190	16300,940	-16238,750
225+0,00	0,000	3,990	0,000	107,800	62,190	16408,730	-16346,540
226+0,00	0,000	3,240	0,000	72,290	62,190	16481,020	-16418,830
227+0,00	0,000	2,830	0,000	60,730	62,190	16541,750	-16479,560
228+0,00	0,000	2,640	0,000	54,690	62,190	16596,440	-16534,250
229+0,00	0,000	3,240	0,000	58,870	62,190	16655,300	-16593,110
230+0,00	0,000	3,050	0,000	62,980	62,190	16718,280	-16656,090
231+0,00	0,000	2,410	0,000	54,650	62,190	16772,930	-16710,740
232+0,00	0,000	2,950	0,000	53,650	62,190	16826,590	-16764,400
233+0,00	0,000	3,480	0,000	64,340	62,190	16890,930	-16828,740
234+0,00	0,000	2,240	0,000	57,210	62,190	16948,140	-16885,950
235+0,00	0,000	2,760	0,000	50,040	62,190	16998,170	-16935,980
236+0,00	0,000	3,020	0,000	57,860	62,190	17056,030	-16993,840
237+0,00	0,000	3,120	0,000	61,490	62,190	17117,520	-17055,330
238+0,00	0,000	2,300	0,000	54,280	62,190	17171,800	-17109,610
239+0,00	0,000	2,540	0,000	48,430	62,190	17220,230	-17158,040
240+0,00	0,000	3,160	0,000	56,960	62,190	17277,190	-17215,000
241+0,00	0,140	2,900	1,370	60,630	63,570	17337,820	-17274,250
242+0,00	0,080	2,470	2,140	53,720	65,710	17391,530	-17325,820
243+0,00	0,000	3,230	0,860	57,000	66,570	17448,530	-17381,960
244+0,00	0,000	3,350	0,030	65,740	66,590	17514,270	-17447,680
245+0,00	0,000	3,420	0,020	67,640	66,610	17581,910	-17515,300
246+0,00	0,000	3,400	0,000	68,210	66,610	17650,130	-17583,520
247+0,00	0,000	2,710	0,000	61,160	66,610	17711,280	-17644,670
248+0,00	0,000	1,510	0,000	42,230	66,610	17753,520	-17686,910
249+0,00	0,000	1,920	0,000	34,340	66,610	17787,860	-17721,250
250+0,00	0,000	2,740	0,000	46,640	66,610	17834,490	-17767,880

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
251+0,00	0,000	3,140	0,000	58,810	66,610	17893,300	-17826,690
252+0,00	0,000	3,470	0,000	66,120	66,610	17959,430	-17892,820
253+0,00	0,000	4,140	0,000	76,150	66,610	18035,580	-17968,970
254+0,00	0,000	5,760	0,000	99,020	66,610	18134,600	-18067,990
255+0,00	0,000	5,560	0,000	113,160	66,610	18247,760	-18181,150
256+0,00	0,000	3,920	0,000	94,730	66,610	18342,490	-18275,880
257+0,00	0,000	3,670	0,000	75,910	66,610	18418,400	-18351,790
258+0,00	0,000	3,020	0,000	66,950	66,610	18485,340	-18418,730
259+0,00	0,000	2,910	0,000	59,300	66,610	18544,640	-18478,030
260+0,00	0,010	1,510	0,070	44,190	66,680	18588,830	-18522,150
261+0,00	0,070	0,890	0,770	24,000	67,460	18612,820	-18545,360
262+0,00	0,000	1,880	0,700	27,730	68,160	18640,550	-18572,390
263+0,00	0,000	2,590	0,000	44,490	68,160	18685,040	-18616,880
264+0,00	0,000	3,450	0,000	60,200	68,160	18745,240	-18677,080
265+0,00	0,000	3,510	0,010	69,130	68,170	18814,370	-18746,200
266+0,00	0,000	3,540	0,010	70,250	68,180	18884,610	-18816,430
267+0,00	0,000	3,490	0,000	70,300	68,180	18954,920	-18886,740
268+0,00	0,000	2,110	0,000	55,830	68,180	19010,750	-18942,570
269+0,00	0,000	1,640	0,000	37,320	68,180	19048,070	-18979,890
270+0,00	0,000	1,690	0,000	33,220	68,180	19081,290	-19013,110
271+0,00	0,000	3,300	0,000	49,840	68,180	19131,140	-19062,960
272+0,00	0,000	3,810	0,000	71,040	68,180	19202,180	-19134,000
273+0,00	0,000	3,080	0,000	68,740	68,180	19270,920	-19202,740
274+0,00	0,000	2,630	0,000	57,030	68,180	19327,940	-19259,760
275+0,00	0,000	4,370	0,000	69,980	68,180	19397,920	-19329,740
276+0,00	0,000	4,550	0,000	89,290	68,180	19487,210	-19419,030
277+0,00	0,000	4,580	0,000	91,320	68,180	19578,530	-19510,350
278+0,00	0,000	3,470	0,000	80,530	68,180	19659,060	-19590,880
279+0,00	0,000	3,220	0,000	66,900	68,180	19725,960	-19657,780
280+0,00	0,000	2,630	0,000	58,500	68,180	19784,460	-19716,280
281+0,00	0,000	0,000	0,000	26,320	68,180	19810,780	-19742,600
282+0,00	0,000	3,400	0,000	33,970	68,180	19844,750	-19776,570
283+0,00	0,000	3,510	0,000	69,040	68,180	19913,790	-19845,610
284+0,00	0,000	3,960	0,000	74,630	68,180	19988,420	-19920,240
285+0,00	0,000	4,040	0,000	79,970	68,180	20068,390	-20000,210
286+0,00	0,000	4,130	0,000	81,800	68,180	20150,190	-20082,010
287+0,00	0,000	3,390	0,000	75,180	68,180	20225,370	-20157,190
288+0,00	0,000	3,350	0,000	67,330	68,180	20292,700	-20224,520
289+0,00	0,000	3,850	0,000	71,950	68,180	20364,650	-20296,470
290+0,00	0,000	4,030	0,000	78,800	68,180	20443,450	-20375,270
291+0,00	0,000	3,760	0,000	77,960	68,180	20521,410	-20453,230
292+0,00	0,000	4,630	0,000	83,900	68,180	20605,310	-20537,130
293+0,00	0,000	3,270	0,000	78,990	68,180	20684,300	-20616,120
294+0,00	0,000	3,440	0,000	67,110	68,180	20751,410	-20683,230
295+0,00	0,000	3,370	0,000	68,120	68,180	20819,540	-20751,360
296+0,00	0,000	3,090	0,000	64,550	68,180	20884,090	-20815,910
297+0,00	0,000	2,910	0,000	59,930	68,180	20944,020	-20875,840
298+0,00	0,000	2,980	0,000	58,900	68,180	21002,920	-20934,740
299+0,00	0,000	3,260	0,000	62,400	68,180	21065,320	-20997,140
300+0,00	0,000	3,360	0,000	66,150	68,180	21131,460	-21063,280
301+0,00	0,000	3,460	0,000	68,120	68,180	21199,590	-21131,410
302+0,00	0,000	3,370	0,000	68,290	68,180	21267,880	-21199,700
303+0,00	0,000	3,490	0,000	68,680	68,180	21336,560	-21268,380
304+0,00	0,000	3,140	0,000	66,370	68,180	21402,920	-21334,740
305+0,00	0,000	3,500	0,000	66,460	68,180	21469,380	-21401,200
306+0,00	0,000	4,410	0,000	79,160	68,180	21548,540	-21480,360
307+0,00	0,000	5,360	0,000	97,740	68,180	21646,280	-21578,100
308+0,00	0,000	7,040	0,000	124,030	68,180	21770,310	-21702,130
309+0,00	0,000	8,060	0,000	151,030	68,180	21921,340	-21853,160
310+0,00	0,000	7,100	0,000	151,580	68,180	22072,920	-22004,740
311+0,00	0,000	5,720	0,000	128,140	68,180	22201,060	-22132,880
312+0,00	0,000	4,410	0,000	101,240	68,180	22302,300	-22234,120
313+0,00	0,000	3,530	0,000	79,340	68,180	22381,630	-22313,450
314+0,00	0,000	3,610	0,000	71,360	68,180	22452,990	-22384,810
315+0,00	0,000	4,060	0,000	76,700	68,180	22529,690	-22461,510

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
316+0,00	0,000	5,470	0,000	95,280	68,180	22624,970	-22556,790
317+0,00	0,000	3,400	0,000	88,680	68,180	22713,650	-22645,470
318+0,00	0,000	3,310	0,000	67,150	68,180	22780,800	-22712,620
319+0,00	0,000	2,650	0,000	59,560	68,180	22840,360	-22772,180
320+0,00	0,000	2,120	0,000	47,640	68,180	22888,000	-22819,820
321+0,00	0,000	2,610	0,000	47,240	68,180	22935,230	-22867,050
322+0,00	0,000	3,360	0,000	59,700	68,180	22994,930	-22926,750
323+0,00	0,000	1,780	0,000	51,450	68,180	23046,390	-22978,210
324+0,00	0,000	1,850	0,000	36,310	68,180	23082,690	-23014,510
325+0,00	0,000	3,340	0,000	51,930	68,180	23134,630	-23066,450
326+0,00	0,000	3,370	0,000	67,120	68,180	23201,750	-23133,570
327+0,00	0,000	3,310	0,000	66,810	68,180	23268,560	-23200,380
328+0,00	0,000	4,060	0,000	73,740	68,180	23342,290	-23274,110
329+0,00	0,000	4,220	0,000	82,790	68,180	23425,080	-23356,900
330+0,00	0,000	3,580	0,010	77,980	68,190	23503,060	-23434,870
331+0,00	0,000	4,240	0,010	78,230	68,190	23581,290	-23513,100
332+0,00	0,000	3,050	0,000	72,900	68,190	23654,190	-23586,000
333+0,00	0,000	3,050	0,020	60,980	68,220	23715,170	-23646,950
334+0,00	0,020	3,120	0,230	61,490	68,450	23776,660	-23708,210
335+0,00	0,000	3,170	0,210	62,890	68,660	23839,560	-23770,900
336+0,00	0,000	3,040	0,000	62,090	68,660	23901,640	-23832,980
337+0,00	0,000	2,700	0,000	57,370	68,660	23959,010	-23890,350
338+0,00	0,000	1,890	0,000	45,940	68,660	24004,950	-23936,290
339+0,00	0,000	2,250	0,000	41,350	68,660	24046,300	-23977,640
340+0,00	0,000	2,640	0,000	48,850	68,660	24095,160	-24026,500
341+0,00	0,000	0,000	0,000	26,390	68,660	24121,550	-24052,890
342+0,00	0,000	3,630	0,000	36,260	68,660	24157,800	-24089,140
343+0,00	0,000	4,250	0,000	78,750	68,660	24236,560	-24167,900
344+0,00	0,000	4,170	0,000	84,150	68,660	24320,710	-24252,050
345+0,00	0,000	3,360	0,000	75,260	68,660	24395,970	-24327,310
346+0,00	0,000	2,920	0,000	62,770	68,660	24458,740	-24390,080
347+0,00	0,000	3,240	0,000	61,700	68,660	24520,440	-24451,780
348+0,00	0,000	3,230	0,000	64,700	68,660	24585,140	-24516,480
349+0,00	0,000	3,150	0,000	63,740	68,660	24648,880	-24580,220
350+0,00	0,000	3,100	0,000	62,510	68,660	24711,390	-24642,730
351+0,00	0,000	2,890	0,000	60,100	68,660	24771,490	-24702,830
352+0,00	0,000	2,220	0,000	51,150	68,660	24822,640	-24753,980
353+0,00	0,000	2,390	0,000	46,100	68,660	24868,730	-24800,070
354+0,00	0,000	2,390	0,000	47,830	68,660	24916,560	-24847,900
355+0,00	0,000	3,220	0,000	56,110	68,660	24972,670	-24904,010
356+0,00	0,000	3,180	0,000	63,920	68,660	25036,600	-24967,940
357+0,00	0,000	3,440	0,000	66,200	68,660	25102,790	-25034,130
358+0,00	0,000	3,390	0,000	68,370	68,660	25171,170	-25102,510
359+0,00	0,000	3,320	0,000	67,170	68,660	25238,340	-25169,680
360+0,00	0,000	3,200	0,000	65,280	68,660	25303,610	-25234,950
361+0,00	0,000	3,310	0,000	65,170	68,660	25368,780	-25300,120
362+0,00	0,000	3,160	0,000	64,750	68,660	25433,530	-25364,870
363+0,00	0,000	3,190	0,000	63,630	68,660	25497,160	-25428,500
364+0,00	0,000	3,260	0,000	64,540	68,660	25561,700	-25493,040
365+0,00	0,000	2,530	0,000	57,890	68,660	25619,590	-25550,930
366+0,00	0,000	2,360	0,000	48,770	68,660	25668,370	-25599,710
367+0,00	0,000	2,690	0,000	50,500	68,660	25718,870	-25650,210
368+0,00	0,000	3,250	0,000	59,460	68,660	25778,330	-25709,670
369+0,00	0,000	3,550	0,000	68,000	68,660	25846,340	-25777,680
370+0,00	0,000	3,270	0,000	67,220	68,660	25913,560	-25844,900
371+0,00	0,000	4,390	0,000	75,440	68,660	25989,000	-25920,340
372+0,00	0,000	4,410	0,000	88,130	68,660	26077,130	-26008,470
373+0,00	0,000	4,460	0,000	88,640	68,660	26165,770	-26097,110
374+0,00	0,000	4,300	0,000	87,570	68,660	26253,340	-26184,680
375+0,00	0,000	3,610	0,000	79,130	68,660	26332,480	-26263,820
376+0,00	0,000	3,580	0,000	71,910	68,660	26404,390	-26335,730
377+0,00	0,000	3,480	0,000	70,580	68,660	26474,970	-26406,310
378+0,00	0,000	3,180	0,000	66,660	68,660	26541,630	-26472,970
379+0,00	0,000	3,020	0,000	61,970	68,660	26603,600	-26534,940
380+0,00	0,000	3,240	0,000	62,650	68,660	26666,260	-26597,600

Cláudio Feliciano da Silva
Diretor
Projetos e Obras Viárias
Secretaria de Infraestrutura

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
381+0,00	0,000	2,840	0,000	60,810	68,660	26727,060	-26658,400
382+0,00	0,000	2,280	0,000	51,160	68,660	26778,230	-26709,570
383+0,00	0,030	1,300	0,350	35,830	69,010	26814,060	-26745,050
384+0,00	0,000	1,600	0,350	29,060	69,360	26843,120	-26773,760
385+0,00	0,000	3,320	0,000	49,210	69,360	26892,330	-26822,970
386+0,00	0,000	3,360	0,000	66,820	69,360	26959,150	-26889,790
387+0,00	0,000	3,370	0,000	67,300	69,360	27026,440	-26957,080
388+0,00	0,000	2,210	0,000	55,780	69,360	27082,230	-27012,870
389+0,00	0,000	1,830	0,000	40,380	69,360	27122,610	-27053,250
390+0,00	0,000	2,240	0,000	40,650	69,360	27163,260	-27093,900
391+0,00	0,000	3,070	0,000	53,060	69,360	27216,310	-27146,950
392+0,00	0,000	3,150	0,000	62,230	69,360	27278,550	-27209,190
393+0,00	0,000	2,990	0,000	61,440	69,360	27339,990	-27270,630
394+0,00	0,000	2,520	0,000	55,160	69,360	27395,140	-27325,780
395+0,00	0,000	2,590	0,000	51,190	69,360	27446,340	-27376,980
396+0,00	0,000	2,630	0,000	52,220	69,360	27498,560	-27429,200
397+0,00	0,000	3,200	0,000	58,260	69,360	27556,820	-27487,460
398+0,00	0,000	3,610	0,000	68,550	69,360	27625,370	-27556,010
399+0,00	0,000	4,470	0,000	80,650	69,360	27706,020	-27636,660
400+0,00	0,000	5,370	0,000	98,400	69,360	27804,420	-27735,060
401+0,00	0,000	5,820	0,000	111,910	69,360	27916,330	-27846,970
402+0,00	0,000	3,820	0,000	96,380	69,360	28012,720	-27943,360
403+0,00	0,000	3,130	0,000	69,440	69,360	28082,150	-28012,790
404+0,00	0,000	4,130	0,000	72,470	69,360	28154,620	-28085,260
405+0,00	0,000	4,510	0,000	86,390	69,360	28241,010	-28171,650
406+0,00	0,000	3,820	0,000	83,350	69,360	28324,360	-28255,000
407+0,00	0,000	3,110	0,000	69,350	69,360	28393,710	-28324,350
408+0,00	0,000	2,460	0,000	55,760	69,360	28449,480	-28380,120
409+0,00	0,000	2,030	0,000	44,950	69,360	28494,430	-28425,070
410+0,00	0,000	1,980	0,000	40,100	69,360	28534,530	-28465,170
411+0,00	0,000	2,280	0,000	42,620	69,360	28577,150	-28507,790
412+0,00	0,000	3,370	0,000	56,540	69,360	28633,690	-28564,330
413+0,00	0,000	3,360	0,000	67,290	69,360	28700,980	-28631,620
414+0,00	0,000	3,140	0,000	65,020	69,360	28766,000	-28696,640
415+0,00	0,000	2,910	0,000	60,590	69,360	28826,590	-28757,230
416+0,00	0,000	2,970	0,000	58,890	69,360	28885,480	-28816,120
417+0,00	0,000	2,790	0,000	57,560	69,360	28943,050	-28873,690
418+0,00	0,000	2,810	0,000	55,920	69,360	28998,960	-28929,600
419+0,00	0,000	2,910	0,000	57,200	69,360	29056,160	-28986,800
420+0,00	0,000	2,790	0,000	57,140	69,360	29113,300	-29043,940
421+0,00	0,000	2,480	0,000	52,820	69,360	29166,120	-29096,760
422+0,00	0,000	2,070	0,000	45,560	69,360	29211,680	-29142,320
423+0,00	0,000	1,670	0,000	37,490	69,360	29249,170	-29179,810
424+0,00	0,000	1,420	0,000	30,980	69,360	29280,140	-29210,780
425+0,00	0,000	1,580	0,000	30,120	69,360	29310,260	-29240,900
426+0,00	0,000	2,810	0,050	44,050	69,400	29354,310	-29284,910
427+0,00	0,000	3,460	0,050	62,670	69,450	29416,980	-29347,530
428+0,00	0,000	3,660	0,000	71,210	69,450	29488,190	-29418,740
429+0,00	0,000	3,640	0,000	73,020	69,450	29561,210	-29491,760
430+0,00	0,000	3,530	0,000	71,780	69,450	29632,990	-29563,540
431+0,00	0,000	3,090	0,000	66,370	69,450	29699,360	-29629,910
432+0,00	0,000	3,080	0,000	61,760	69,460	29761,120	-29691,660
433+0,00	0,000	4,000	0,000	70,710	69,460	29831,840	-29762,380
434+0,00	0,000	4,540	0,000	85,470	69,460	29917,300	-29847,840
435+0,00	0,000	4,960	0,000	95,010	69,460	30012,320	-29942,860
436+0,00	0,000	5,120	0,000	100,870	69,460	30113,190	-30043,730
437+0,00	0,000	5,090	0,000	102,160	69,460	30215,350	-30145,890
438+0,00	0,000	4,750	0,000	98,410	69,460	30313,750	-30244,290
439+0,00	0,000	4,350	0,000	90,860	69,460	30404,620	-30335,160
440+0,00	0,000	3,520	0,000	78,670	69,460	30483,290	-30413,830
441+0,00	0,000	2,580	0,000	60,920	69,460	30544,210	-30474,750
442+0,00	0,000	2,890	0,000	54,700	69,460	30598,910	-30529,450
443+0,00	0,000	3,430	0,000	63,050	69,460	30661,960	-30592,500
444+0,00	0,000	3,360	0,000	67,880	69,460	30729,840	-30660,380
445+0,00	0,000	2,750	0,000	61,110	69,460	30790,950	-30721,490

Cícero Leonardo da Silva
Diretor de Projetos
Projetos e Obras DER-SC
Substituto do Diretor Geral

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
446+0,00	0,000	2,440	0,000	51,930	69,460	30842,880	-30773,420
447+0,00	0,000	2,910	0,000	53,530	69,460	30896,410	-30826,950
448+0,00	0,000	3,510	0,000	64,330	69,460	30960,740	-30891,280
449+0,00	0,000	3,280	0,000	68,160	69,460	31028,900	-30959,440
450+0,00	0,000	3,470	0,000	67,680	69,460	31096,580	-31027,120
451+0,00	0,000	3,120	0,000	66,050	69,460	31162,630	-31093,170
452+0,00	0,000	3,020	0,000	61,440	69,460	31224,070	-31154,610
453+0,00	0,000	3,290	0,000	63,130	69,460	31287,200	-31217,740
454+0,00	0,000	3,510	0,000	68,020	69,460	31355,220	-31285,760
455+0,00	0,000	3,430	0,000	69,400	69,460	31424,630	-31355,170
456+0,00	0,000	3,210	0,000	66,370	69,460	31491,000	-31421,540
457+0,00	0,000	3,110	0,000	63,200	69,460	31554,210	-31484,750
458+0,00	0,000	4,010	0,000	71,220	69,460	31625,430	-31555,970
459+0,00	0,000	3,260	0,000	72,740	69,460	31698,170	-31628,710
460+0,00	0,000	3,270	0,000	65,300	69,460	31763,470	-31694,010
461+0,00	0,000	3,840	0,000	71,150	69,460	31834,620	-31765,160
462+0,00	0,000	3,490	0,000	73,340	69,460	31907,950	-31838,490
463+0,00	0,000	3,260	0,000	67,480	69,460	31975,440	-31905,980
464+0,00	0,000	3,350	0,000	66,150	69,460	32041,590	-31972,130
465+0,00	0,000	3,270	0,000	66,190	69,460	32107,780	-32038,320
466+0,00	0,000	3,130	0,000	63,980	69,460	32171,760	-32102,300
467+0,00	0,000	3,360	0,000	64,690	69,460	32236,450	-32166,990
468+0,00	0,000	3,610	0,000	69,670	69,460	32306,120	-32236,660
469+0,00	0,000	3,520	0,000	71,220	69,460	32377,340	-32307,880
470+0,00	0,000	5,210	0,000	87,340	69,460	32464,680	-32395,220
471+0,00	0,000	6,110	0,000	113,170	69,460	32577,850	-32508,390
472+0,00	0,000	4,620	0,000	107,220	69,460	32685,080	-32615,620
473+0,00	0,000	3,210	0,000	78,200	69,460	32763,280	-32693,820
474+0,00	0,000	3,030	0,000	62,560	69,460	32825,840	-32756,380
475+0,00	0,000	3,200	0,000	63,010	69,460	32888,850	-32819,390
476+0,00	0,000	3,530	0,000	67,480	69,460	32956,330	-32886,870
477+0,00	0,000	3,810	0,000	73,450	69,460	33029,780	-32960,320
478+0,00	0,000	3,660	0,000	74,670	69,460	33104,450	-33034,990
479+0,00	0,000	3,590	0,000	72,480	69,460	33176,940	-33107,480
480+0,00	0,000	3,400	0,000	70,030	69,460	33246,970	-33177,510
481+0,00	0,000	3,480	0,000	68,820	69,460	33315,780	-33246,320
482+0,00	0,000	4,460	0,000	79,460	69,460	33395,250	-33325,790
483+0,00	0,000	4,250	0,000	87,150	69,460	33482,400	-33412,940
484+0,00	0,000	3,450	0,000	77,160	69,460	33559,550	-33490,090
485+0,00	0,000	3,420	0,000	68,770	69,460	33628,330	-33558,870
486+0,00	0,000	3,420	0,000	68,390	69,460	33696,720	-33627,260
487+0,00	0,000	3,810	0,000	72,350	69,460	33769,070	-33699,610
488+0,00	0,000	3,710	0,000	75,250	69,460	33844,320	-33774,860
489+0,00	0,000	4,140	0,000	78,480	69,460	33922,810	-33853,350
490+0,00	0,000	3,810	0,000	79,440	69,460	34002,250	-33932,790
491+0,00	0,000	3,560	0,000	73,720	69,460	34075,970	-34006,510
492+0,00	0,050	3,410	0,490	69,670	69,950	34145,640	-34075,690
493+0,00	0,020	3,440	0,710	68,510	70,660	34214,140	-34143,480
494+0,00	0,000	3,520	0,220	69,630	70,880	34283,770	-34212,890
495+0,00	0,000	3,680	0,000	71,940	70,880	34355,710	-34284,830
496+0,00	0,000	4,030	0,000	77,030	70,880	34432,740	-34361,860
497+0,00	0,000	3,960	0,000	79,860	70,880	34512,600	-34441,720
498+0,00	0,000	3,480	0,000	74,360	70,880	34586,960	-34516,080
499+0,00	0,000	3,510	0,000	69,860	70,880	34656,820	-34585,940
500+0,00	0,000	3,300	0,000	68,040	70,880	34724,850	-34653,970
501+0,00	0,000	2,850	0,000	61,420	70,880	34786,280	-34715,400
502+0,00	0,000	3,360	0,000	62,040	70,880	34848,310	-34777,430
503+0,00	0,000	3,080	0,000	64,340	70,880	34912,650	-34841,770
504+0,00	0,000	2,500	0,000	55,760	70,880	34968,420	-34897,540
505+0,00	0,000	2,170	0,000	46,690	70,880	35015,110	-34944,230
506+0,00	0,000	2,320	0,000	44,950	70,880	35060,060	-34989,180
507+0,00	0,000	4,000	0,000	63,220	70,880	35123,280	-35052,400
508+0,00	0,000	6,140	0,000	101,380	70,880	35224,660	-35153,780
509+0,00	0,000	8,130	0,000	142,680	70,880	35367,330	-35296,450
510+0,00	0,000	9,850	0,000	179,820	70,880	35547,160	-35476,280

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
511+0,00	0,000	10,030	0,000	198,810	70,880	35745,970	-35675,090
512+0,00	0,000	9,030	0,000	190,540	70,880	35936,510	-35865,630
513+0,00	0,000	7,330	0,000	163,520	70,880	36100,040	-36029,160
514+0,00	0,000	5,770	0,000	130,930	70,880	36230,960	-36160,080
515+0,00	0,000	3,900	0,000	96,620	70,880	36327,580	-36256,700
516+0,00	0,000	3,510	0,000	74,060	70,880	36401,640	-36330,760
517+0,00	0,000	3,620	0,000	71,240	70,880	36472,880	-36402,000
518+0,00	0,000	3,930	0,000	75,530	70,880	36548,410	-36477,530
519+0,00	0,000	3,340	0,000	72,730	70,880	36621,140	-36550,260
520+0,00	0,000	3,530	0,000	68,600	70,880	36689,740	-36618,860
521+0,00	0,000	6,290	0,000	98,120	70,880	36787,860	-36716,980
522+0,00	0,000	6,330	0,000	126,160	70,880	36914,010	-36843,130
523+0,00	0,000	4,760	0,000	110,950	70,880	37024,960	-36954,080
524+0,00	0,000	4,420	0,000	91,830	70,880	37116,790	-37045,910
525+0,00	0,000	3,980	0,000	84,000	70,880	37200,790	-37129,910
526+0,00	0,000	3,480	0,000	74,600	70,880	37275,390	-37204,510
527+0,00	0,000	3,170	0,000	66,490	70,880	37341,880	-37271,000
528+0,00	0,000	1,960	0,000	51,310	70,880	37393,190	-37322,310
529+0,00	0,400	0,290	3,960	22,510	74,840	37415,700	-37340,860
530+0,00	0,810	0,020	12,010	3,080	86,850	37418,790	-37331,940
531+0,00	0,010	1,340	8,140	13,660	94,990	37432,450	-37337,460
532+0,00	0,000	3,210	0,090	45,530	95,080	37477,980	-37382,900
533+0,00	0,000	2,570	0,000	57,780	95,080	37535,760	-37440,680
534+0,00	0,000	2,210	0,000	47,740	95,080	37583,500	-37488,420
535+0,00	0,000	2,080	0,000	51,870	95,080	37636,370	-37540,290
536+0,00	0,000	3,980	0,000	69,610	95,080	37704,980	-37609,900
537+0,00	0,000	0,000	0,000	39,820	95,080	37744,800	-37649,720
538+0,00	0,000	3,850	0,000	38,450	95,080	37783,260	-37688,180
539+0,00	0,000	5,180	0,000	90,330	95,080	37873,590	-37778,510
540+0,00	0,000	6,190	0,000	113,730	95,080	37987,310	-37892,230
541+0,00	0,000	5,910	0,000	121,010	95,080	38108,320	-38013,240
542+0,00	0,000	4,710	0,000	106,220	95,080	38214,540	-38119,460
543+0,00	0,000	2,740	0,000	74,580	95,080	38289,120	-38194,040
544+0,00	0,000	5,620	0,000	83,620	95,080	38372,740	-38277,660
545+0,00	0,000	6,260	0,000	118,740	95,080	38491,480	-38396,400
546+0,00	0,000	4,810	0,000	110,610	95,080	38602,090	-38507,010
547+0,00	0,000	1,940	0,000	67,460	95,080	38669,550	-38574,470
548+0,00	0,000	3,030	0,000	49,760	95,080	38719,310	-38624,230
549+0,00	0,000	2,900	0,000	59,350	95,080	38778,660	-38683,580
550+0,00	0,000	2,280	0,000	51,800	95,080	38830,450	-38735,370
551+0,00	0,000	3,400	0,000	56,810	95,080	38887,260	-38792,180
552+0,00	0,000	3,170	0,000	65,770	95,080	38953,030	-38857,950
553+0,00	0,000	4,100	0,000	72,780	95,080	39025,810	-38930,730
554+0,00	0,000	3,440	0,000	75,400	95,080	39101,210	-39006,130
555+0,00	0,000	3,180	0,010	66,160	95,090	39167,360	-39072,270
556+0,00	0,000	3,400	0,030	65,680	95,120	39233,040	-39137,920
557+0,00	0,000	3,350	0,020	67,280	95,140	39300,330	-39205,190
558+0,00	0,000	2,990	0,000	63,510	95,140	39363,840	-39268,700
559+0,00	0,000	2,970	0,000	59,670	95,140	39423,510	-39328,370
560+0,00	0,000	3,270	0,000	62,350	95,140	39485,860	-39390,720
561+0,00	0,000	2,740	0,000	60,190	95,140	39546,050	-39450,910
562+0,00	0,000	2,530	0,000	52,740	95,140	39598,790	-39503,650
563+0,00	0,000	3,240	0,000	57,710	95,140	39656,500	-39561,360
564+0,00	0,000	3,350	0,000	65,900	95,140	39722,400	-39627,260
565+0,00	0,000	3,310	0,000	66,600	95,140	39789,000	-39693,860
566+0,00	0,000	3,070	0,000	63,800	95,140	39852,800	-39757,660
567+0,00	0,000	3,350	0,000	64,190	95,140	39916,990	-39821,850
568+0,00	0,000	3,470	0,000	68,110	95,140	39985,110	-39889,970
569+0,00	0,000	3,200	0,000	66,640	95,140	40051,740	-39956,600
570+0,00	0,000	2,540	0,000	57,340	95,140	40109,080	-40013,940
571+0,00	0,000	3,620	0,000	61,530	95,140	40170,610	-40075,470
572+0,00	0,000	3,190	0,000	68,100	95,140	40238,710	-40143,570
573+0,00	0,000	3,300	0,000	64,890	95,140	40303,600	-40208,460
574+0,00	0,000	3,510	0,000	68,170	95,140	40371,770	-40276,630
575+0,00	0,000	3,790	0,000	73,030	95,140	40444,790	-40349,650

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
576+0,00	0,000	4,260	0,000	80,480	95,140	40525,270	-40430,130
577+0,00	0,000	4,330	0,000	85,910	95,140	40611,180	-40516,040
578+0,00	0,000	3,600	0,000	79,320	95,140	40690,510	-40595,370
579+0,00	0,000	3,990	0,000	75,970	95,140	40766,480	-40671,340
580+0,00	0,000	3,620	0,000	76,160	95,140	40842,630	-40747,490
581+0,00	0,000	3,600	0,000	72,280	95,140	40914,920	-40819,780
582+0,00	0,000	3,200	0,000	68,080	95,140	40983,000	-40887,860
583+0,00	0,000	4,230	0,000	74,360	95,140	41057,360	-40962,220
584+0,00	0,000	4,720	0,000	89,490	95,140	41146,850	-41051,710
585+0,00	0,000	5,470	0,000	101,940	95,140	41248,800	-41153,660
586+0,00	0,000	5,450	0,000	109,280	95,140	41358,080	-41262,940
587+0,00	0,000	5,200	0,000	106,520	95,140	41464,600	-41369,460
588+0,00	0,000	3,940	0,000	91,400	95,140	41555,990	-41460,850
589+0,00	0,000	3,790	0,000	77,320	95,140	41633,320	-41538,180
590+0,00	0,000	4,930	0,000	87,210	95,140	41720,520	-41625,380
591+0,00	0,000	4,630	0,000	95,590	95,140	41816,120	-41720,980
592+0,00	0,000	3,470	0,000	81,030	95,140	41897,150	-41802,010
593+0,00	0,000	2,340	0,000	58,150	95,140	41955,310	-41860,170
594+0,00	0,000	1,280	0,000	36,260	95,140	41991,570	-41896,430
595+0,00	0,000	0,900	0,000	21,840	95,140	42013,410	-41918,270
596+0,00	0,000	1,370	0,000	22,690	95,150	42036,100	-41940,950
597+0,00	0,000	2,130	0,000	35,010	95,150	42071,100	-41975,950
598+0,00	0,000	3,300	0,000	54,360	95,150	42125,470	-42030,320
599+0,00	0,000	3,420	0,000	67,210	95,150	42192,680	-42097,530
600+0,00	0,000	4,070	0,000	74,940	95,150	42267,620	-42172,470
601+0,00	0,000	3,540	0,000	76,000	95,150	42343,620	-42248,470
602+0,00	0,000	3,600	0,000	70,850	95,150	42414,470	-42319,320
603+0,00	0,000	3,260	0,000	68,400	95,150	42482,870	-42387,720
604+0,00	0,000	3,500	0,000	67,520	95,150	42550,390	-42455,240
605+0,00	0,000	3,770	0,000	72,750	95,150	42623,140	-42527,990
606+0,00	0,000	4,860	0,000	86,350	95,150	42709,490	-42614,340
607+0,00	0,000	5,540	0,000	103,960	95,150	42813,440	-42718,290
608+0,00	0,000	5,620	0,000	111,510	95,150	42924,950	-42829,800
609+0,00	0,000	4,050	0,000	96,640	95,150	43021,600	-42926,450
610+0,00	0,000	4,710	0,000	87,590	95,150	43109,180	-43014,030
611+0,00	0,000	3,610	0,000	83,190	95,150	43192,370	-43097,220
612+0,00	0,000	3,430	0,000	70,410	95,150	43262,790	-43167,640
613+0,00	0,000	5,450	0,000	88,840	95,150	43351,630	-43256,480
614+0,00	0,000	5,480	0,000	109,320	95,150	43460,940	-43365,790
615+0,00	0,000	4,530	0,000	100,070	95,150	43561,010	-43465,860
616+0,00	0,000	3,180	0,000	77,120	95,150	43638,130	-43542,980
617+0,00	0,000	2,940	0,000	61,210	95,150	43699,340	-43604,190
618+0,00	0,000	2,940	0,000	58,720	95,150	43758,060	-43662,910
619+0,00	0,000	3,190	0,000	61,250	95,150	43819,310	-43724,160
620+0,00	0,000	3,280	0,000	64,690	95,150	43884,000	-43788,850
621+0,00	0,000	3,210	0,000	64,930	95,150	43948,930	-43853,780
622+0,00	0,000	3,370	0,030	65,820	95,170	44014,750	-43919,580
623+0,00	0,000	3,370	0,020	67,400	95,200	44082,150	-43986,950
624+0,00	0,000	3,420	0,000	67,850	95,200	44150,000	-44054,800
625+0,00	0,000	3,320	0,000	67,340	95,200	44217,350	-44122,150
626+0,00	0,000	3,110	0,000	64,260	95,200	44281,600	-44186,400
627+0,00	0,000	3,110	0,000	62,230	95,200	44343,830	-44248,630
628+0,00	0,000	3,010	0,000	61,240	95,200	44405,080	-44309,880
629+0,00	0,000	3,190	0,000	62,010	95,200	44467,090	-44371,890
630+0,00	0,000	3,260	0,000	64,630	95,200	44531,710	-44436,510
631+0,00	0,000	3,000	0,000	62,680	95,200	44594,390	-44499,190
632+0,00	0,030	3,050	0,300	60,500	95,500	44654,890	-44559,390
633+0,00	0,000	3,060	0,290	61,110	95,800	44716,000	-44620,200
634+0,00	0,000	3,110	0,000	61,710	95,800	44777,720	-44681,920
635+0,00	0,000	3,050	0,000	61,610	95,800	44839,320	-44743,520
636+0,00	0,000	2,990	0,000	60,420	95,800	44899,740	-44803,940
637+0,00	0,000	2,890	0,000	58,800	95,800	44958,550	-44862,750
638+0,00	0,000	2,850	0,000	57,360	95,800	45015,910	-44920,110
639+0,00	0,000	3,050	0,000	58,980	95,800	45074,890	-44979,090
640+0,00	0,000	3,140	0,000	61,840	95,800	45136,730	-45040,930

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
641+0,00	0,000	3,220	0,000	63,620	95,800	45200,340	-45104,540
642+0,00	0,000	2,130	0,000	53,580	95,800	45253,930	-45158,130
643+0,00	0,000	1,620	0,000	37,540	95,800	45291,460	-45195,660
644+0,00	0,000	1,440	0,000	30,610	95,800	45322,070	-45226,270
645+0,00	0,000	2,560	0,000	40,000	95,800	45362,080	-45266,280
646+0,00	0,000	3,060	0,000	56,180	95,800	45418,250	-45322,450
647+0,00	0,000	3,340	0,000	64,010	95,800	45482,260	-45386,460
648+0,00	0,000	3,590	0,000	69,360	95,800	45551,620	-45455,820
649+0,00	0,000	3,350	0,000	69,390	95,800	45621,020	-45525,220
650+0,00	0,000	3,450	0,000	67,970	95,800	45688,980	-45593,180
651+0,00	0,000	2,980	0,000	64,310	95,800	45753,290	-45657,490
652+0,00	0,000	3,120	0,000	61,000	95,800	45814,290	-45718,490
653+0,00	0,000	3,360	0,000	64,790	95,800	45879,070	-45783,270
654+0,00	0,000	5,060	0,000	84,180	95,800	45963,250	-45867,450
655+0,00	0,000	3,320	0,000	83,760	95,800	46047,010	-45951,210
656+0,00	0,000	3,900	0,000	72,230	95,800	46119,240	-46023,440
657+0,00	0,000	3,220	0,000	71,240	95,800	46190,480	-46094,680
658+0,00	0,000	2,800	0,000	60,230	95,800	46250,720	-46154,920
659+0,00	0,000	2,480	0,000	52,840	95,800	46303,560	-46207,760
660+0,00	0,000	3,030	0,000	55,110	95,800	46358,670	-46262,870
661+0,00	0,000	3,110	0,000	61,450	95,800	46420,130	-46324,330
662+0,00	0,000	1,840	0,000	49,500	95,800	46469,630	-46373,830
663+0,00	0,000	2,380	0,000	42,170	95,800	46511,800	-46416,000
664+0,00	0,000	3,300	0,000	56,820	95,800	46568,620	-46472,820
665+0,00	0,000	3,400	0,000	67,050	95,800	46635,670	-46539,870
666+0,00	0,000	3,260	0,000	66,660	95,800	46702,320	-46606,520
667+0,00	0,000	3,210	0,000	64,800	95,800	46767,120	-46671,320
668+0,00	0,000	3,280	0,000	64,960	95,800	46832,080	-46736,280
669+0,00	0,000	3,370	0,000	66,560	95,800	46898,640	-46802,840
670+0,00	0,000	2,970	0,000	63,390	95,800	46962,030	-46866,230
671+0,00	0,020	2,550	0,190	55,190	95,980	47017,210	-46921,230
672+0,00	0,000	3,380	0,180	59,270	96,170	47076,480	-46980,310
673+0,00	0,000	4,000	0,000	73,900	96,170	47150,390	-47054,220
674+0,00	0,000	3,790	0,000	77,990	96,170	47228,380	-47132,210
675+0,00	0,000	3,560	0,000	73,550	96,170	47301,930	-47205,760
676+0,00	0,000	3,770	0,000	73,300	96,170	47375,230	-47279,060
677+0,00	0,000	3,800	0,000	75,690	96,170	47450,930	-47354,760
678+0,00	0,000	3,600	0,000	74,080	96,170	47525,010	-47428,840
679+0,00	0,000	3,220	0,000	68,250	96,170	47593,260	-47497,090
680+0,00	0,000	3,460	0,000	66,810	96,170	47660,070	-47563,900
681+0,00	0,000	3,200	0,000	66,630	96,170	47726,700	-47630,530
682+0,00	0,000	3,370	0,000	65,670	96,170	47792,370	-47696,200
683+0,00	0,000	3,410	0,000	67,680	96,170	47860,050	-47763,880
684+0,00	0,000	4,480	0,000	78,940	96,170	47938,990	-47842,820
685+0,00	0,000	3,460	0,000	79,400	96,170	48018,390	-47922,220
686+0,00	0,000	3,840	0,000	73,020	96,170	48091,410	-47995,240
687+0,00	0,000	3,570	0,000	74,340	96,170	48165,750	-48069,580
688+0,00	0,000	3,180	0,000	67,470	96,170	48233,220	-48137,050
689+0,00	0,000	2,690	0,000	58,650	96,170	48291,870	-48195,700
690+0,00	0,000	3,200	0,000	58,960	96,170	48350,830	-48254,660
691+0,00	0,000	4,310	0,000	75,050	96,170	48425,890	-48329,720
692+0,00	0,000	3,170	0,000	74,770	96,170	48500,660	-48404,490
693+0,00	0,000	2,980	0,000	61,420	96,170	48562,080	-48465,910
694+0,00	0,000	3,060	0,000	60,380	96,170	48622,460	-48526,290
695+0,00	0,000	3,000	0,000	60,640	96,170	48683,100	-48586,930
696+0,00	0,000	2,980	0,000	59,790	96,170	48742,890	-48646,720
697+0,00	0,000	3,170	0,000	61,450	96,170	48804,340	-48708,170
698+0,00	0,000	3,170	0,000	63,340	96,170	48867,680	-48771,510
699+0,00	0,000	3,220	0,000	63,880	96,170	48931,560	-48835,390
700+0,00	0,000	3,420	0,000	66,320	96,170	48997,880	-48901,710
701+0,00	0,000	3,810	0,000	72,320	96,170	49070,200	-48974,030
702+0,00	0,000	3,700	0,000	75,070	96,170	49145,270	-49049,100
703+0,00	0,000	3,560	0,000	72,610	96,170	49217,890	-49121,720
704+0,00	0,020	3,260	0,190	68,250	96,350	49286,130	-49189,780
705+0,00	0,000	4,060	0,190	73,160	96,540	49359,290	-49262,750

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
706+0,00	0,000	3,370	0,000	74,250	96,540	49433,540	-49337,000
707+0,00	0,000	3,380	0,000	67,420	96,540	49500,960	-49404,420
708+0,00	0,000	2,770	0,000	61,430	96,540	49562,390	-49465,850
709+0,00	0,000	3,510	0,000	62,750	96,540	49625,140	-49528,600
710+0,00	0,000	3,620	0,000	71,360	96,540	49696,500	-49599,960
711+0,00	0,000	3,540	0,000	71,630	96,540	49768,130	-49671,590
712+0,00	0,000	3,350	0,000	68,910	96,540	49837,040	-49740,500
713+0,00	0,000	3,400	0,000	67,550	96,540	49904,580	-49808,040
714+0,00	0,000	3,180	0,000	65,830	96,540	49970,410	-49873,870
715+0,00	0,000	3,200	0,000	63,830	96,540	50034,240	-49937,700
716+0,00	0,000	3,280	0,000	64,820	96,540	50099,060	-50002,520
717+0,00	0,000	3,480	0,000	67,530	96,540	50166,600	-50070,060
718+0,00	0,000	2,900	0,020	63,730	96,560	50230,330	-50133,770
719+0,00	0,000	2,570	0,020	54,680	96,590	50285,000	-50188,410
720+0,00	0,000	3,530	0,000	60,930	96,590	50345,930	-50249,340
721+0,00	0,000	0,000	0,000	35,250	96,590	50381,180	-50284,590
722+0,00	0,020	4,380	0,160	43,760	96,750	50424,940	-50328,190
723+0,00	0,000	5,750	0,160	101,380	96,910	50526,320	-50429,410
724+0,00	0,000	5,790	0,000	115,420	96,910	50641,740	-50544,830
725+0,00	0,000	3,890	0,000	96,840	96,910	50738,580	-50641,670
726+0,00	0,000	3,530	0,000	74,210	96,910	50812,800	-50715,890
727+0,00	0,000	2,050	0,000	55,820	96,910	50868,610	-50771,700
728+0,00	0,010	0,290	0,110	23,410	97,020	50892,030	-50795,010
729+0,00	0,000	0,810	0,110	10,950	97,130	50902,980	-50805,850
730+0,00	0,000	2,120	0,000	29,320	97,130	50932,300	-50835,170
731+0,00	0,000	3,060	0,000	51,880	97,130	50984,180	-50887,050
732+0,00	0,000	3,770	0,010	68,380	97,150	51052,570	-50955,420
733+0,00	0,000	3,540	0,010	73,160	97,160	51125,730	-51028,570
734+0,00	0,000	3,560	0,000	71,020	97,160	51196,740	-51099,580
735+0,00	0,000	3,360	0,000	69,250	97,160	51265,990	-51168,830
736+0,00	0,000	3,460	0,000	68,360	97,160	51334,350	-51237,190
737+0,00	0,000	3,460	0,000	69,320	97,160	51403,670	-51306,510
738+0,00	0,000	3,510	0,000	69,860	97,160	51473,530	-51376,370
739+0,00	0,000	3,450	0,000	69,310	97,160	51542,840	-51445,680
740+0,00	0,000	1,890	0,000	53,240	97,160	51596,080	-51498,920
741+0,00	0,000	1,800	0,000	36,920	97,160	51632,990	-51535,830
742+0,00	0,000	2,800	0,000	46,000	97,160	51678,990	-51581,830
743+0,00	0,000	2,060	0,000	48,560	97,160	51727,550	-51630,390
744+0,00	0,000	3,180	0,000	52,350	97,160	51779,900	-51682,740
745+0,00	0,000	3,310	0,000	64,870	97,160	51844,770	-51747,610
746+0,00	0,000	3,420	0,000	67,140	97,160	51911,910	-51814,750
747+0,00	0,000	3,410	0,000	67,990	97,160	51979,900	-51882,740
748+0,00	0,000	3,390	0,000	67,870	97,160	52047,770	-51950,610
749+0,00	0,000	3,410	0,000	67,930	97,160	52115,700	-52018,540
750+0,00	0,000	3,470	0,000	68,430	97,160	52184,130	-52086,970
751+0,00	0,000	2,520	0,000	59,830	97,160	52243,960	-52146,800
752+0,00	0,000	2,520	0,000	50,360	97,160	52294,320	-52197,160
753+0,00	0,000	3,360	0,000	58,770	97,160	52353,090	-52255,930
754+0,00	0,000	3,630	0,000	70,040	97,160	52423,130	-52325,970
755+0,00	0,000	3,540	0,000	71,710	97,160	52494,830	-52397,670
756+0,00	0,000	3,250	0,000	67,770	97,160	52562,610	-52465,450
757+0,00	0,000	3,250	0,000	64,950	97,160	52627,550	-52530,390
758+0,00	0,000	3,420	0,000	66,940	97,160	52694,490	-52597,330
759+0,00	0,000	2,900	0,000	63,580	97,160	52758,070	-52660,910
760+0,00	0,010	3,460	0,070	64,250	97,230	52822,320	-52725,090
761+0,00	0,000	3,550	0,080	70,340	97,310	52892,660	-52795,350
762+0,00	0,000	3,520	0,000	70,690	97,310	52963,350	-52866,040
763+0,00	0,000	2,250	0,010	57,930	97,320	53021,280	-52923,960
764+0,00	0,000	2,880	0,010	51,320	97,320	53072,600	-52975,280
765+0,00	0,000	3,790	0,000	66,530	97,320	53139,140	-53041,820
766+0,00	0,000	4,430	0,000	82,150	97,320	53221,280	-53123,960
767+0,00	0,000	2,930	0,000	73,560	97,320	53294,840	-53197,520
768+0,00	0,000	3,310	0,000	62,390	97,320	53357,230	-53259,910
769+0,00	0,000	3,590	0,000	69,040	97,320	53426,280	-53328,960
770+0,00	0,000	3,540	0,000	71,370	97,320	53497,650	-53400,330

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
771+0,00	0,000	3,480	0,000	70,230	97,320	53567,880	-53470,560
772+0,00	0,000	3,400	0,000	68,900	97,320	53636,780	-53539,460
773+0,00	0,000	3,060	0,000	64,580	97,320	53701,360	-53604,040
774+0,00	0,000	3,260	0,000	63,120	97,320	53764,480	-53667,160
775+0,00	0,000	3,150	0,000	64,110	97,320	53828,590	-53731,270
776+0,00	0,000	3,140	0,000	62,870	97,320	53891,460	-53794,140
777+0,00	0,000	3,070	0,000	62,120	97,320	53953,580	-53856,260
778+0,00	0,000	3,440	0,000	65,090	97,320	54018,660	-53921,340
779+0,00	0,000	2,830	0,000	62,660	97,320	54081,320	-53984,000
780+0,00	0,000	3,400	0,000	62,220	97,320	54143,540	-54046,220
781+0,00	0,000	3,520	0,000	69,120	97,320	54212,660	-54115,340
782+0,00	0,000	3,510	0,000	70,320	97,320	54282,980	-54185,660
783+0,00	0,000	3,170	0,000	66,800	97,320	54349,780	-54252,460
784+0,00	0,000	3,350	0,000	65,090	97,320	54414,870	-54317,550
785+0,00	0,000	3,310	0,000	66,550	97,320	54481,430	-54384,110
786+0,00	0,000	3,260	0,000	65,670	97,320	54547,090	-54449,770
787+0,00	0,000	3,250	0,000	65,030	97,320	54612,120	-54514,800
788+0,00	0,000	3,430	0,000	66,830	97,320	54678,950	-54581,630
789+0,00	0,000	3,380	0,000	68,090	97,320	54747,040	-54649,720
790+0,00	0,000	3,150	0,000	65,230	97,320	54812,270	-54714,950
791+0,00	0,000	3,330	0,000	64,770	97,320	54877,040	-54779,720
792+0,00	0,000	0,000	0,000	33,290	97,320	54910,330	-54813,010
793+0,00	0,000	3,250	0,000	32,450	97,320	54942,770	-54845,450
794+0,00	0,000	3,030	0,000	62,810	97,320	55005,590	-54908,270
795+0,00	0,000	3,300	0,000	63,350	97,320	55068,940	-54971,620
796+0,00	0,000	3,320	0,000	66,260	97,320	55135,190	-55037,870
797+0,00	0,000	3,160	0,000	64,890	97,320	55200,080	-55102,760
798+0,00	0,000	3,490	0,000	66,800	97,320	55266,880	-55169,560
799+0,00	0,000	3,130	0,000	66,180	97,320	55333,060	-55235,740
800+0,00	0,000	2,740	0,000	58,610	97,320	55391,670	-55294,350
801+0,00	0,000	2,990	0,000	57,240	97,320	55448,910	-55351,590
802+0,00	0,000	3,370	0,000	63,400	97,320	55512,310	-55414,990
803+0,00	0,000	3,250	0,000	66,140	97,320	55578,450	-55481,130
804+0,00	0,000	2,510	0,000	57,540	97,320	55636,000	-55538,680
805+0,00	0,000	2,740	0,000	52,590	97,320	55688,590	-55591,270
806+0,00	0,000	1,990	0,000	47,290	97,320	55735,890	-55638,570
807+0,00	0,000	2,610	0,000	45,910	97,320	55781,800	-55684,480
808+0,00	0,000	3,050	0,000	56,620	97,320	55838,420	-55741,100
809+0,00	0,000	3,180	0,000	62,330	97,320	55900,750	-55803,430
810+0,00	0,000	2,320	0,000	55,040	97,320	55955,800	-55858,480
811+0,00	0,000	0,000	0,000	23,200	97,320	55978,990	-55881,670
812+0,00	0,000	3,310	0,000	33,080	97,320	56012,070	-55914,750
813+0,00	0,000	3,240	0,000	65,510	97,320	56077,580	-55980,260
814+0,00	0,000	3,450	0,000	66,970	97,320	56144,540	-56047,220
815+0,00	0,000	2,920	0,000	63,670	97,320	56208,220	-56110,900
816+0,00	0,010	2,310	0,140	52,360	97,460	56260,580	-56163,120
817+0,00	0,000	3,540	0,140	58,570	97,600	56319,140	-56221,540
818+0,00	0,000	0,000	0,000	35,430	97,600	56354,580	-56256,980
819+0,00	0,000	5,420	0,000	54,160	97,600	56408,730	-56311,130
820+0,00	0,000	0,340	0,000	117,560	97,600	56526,300	-56428,700
821+0,00	0,000	3,950	0,000	102,820	97,600	56629,120	-56531,520
822+0,00	0,000	2,660	0,000	66,030	97,600	56695,150	-56597,550
823+0,00	0,000	2,670	0,000	53,280	97,600	56748,430	-56650,830
824+0,00	0,000	2,670	0,000	53,440	97,600	56801,870	-56704,270
825+0,00	0,000	2,370	0,000	50,450	97,600	56852,320	-56754,720
826+0,00	0,000	2,650	0,000	50,240	97,600	56902,560	-56804,960
827+0,00	0,000	3,440	0,000	60,780	97,600	56963,340	-56865,740
828+0,00	0,000	3,340	0,000	67,800	97,600	57031,140	-56933,540
829+0,00	0,000	2,900	0,000	62,320	97,600	57093,460	-56995,860
830+0,00	0,000	3,800	0,000	66,970	97,600	57160,430	-57062,830
831+0,00	0,000	4,420	0,000	82,240	97,600	57242,670	-57145,070
832+0,00	0,000	2,840	0,000	72,630	97,600	57315,300	-57217,700
833+0,00	0,000	3,230	0,000	60,790	97,600	57376,090	-57278,490
834+0,00	0,000	2,580	0,000	58,110	97,600	57434,190	-57336,590
835+0,00	0,000	1,960	0,000	45,400	97,600	57479,590	-57381,990

Gerado Licença da
Prefeitura
Secretaria

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
836+0,00	0,000	2,690	0,000	46,810	97,600	57526,400	-57428,800
837+0,00	0,000	3,210	0,000	58,950	97,600	57585,350	-57487,750
838+0,00	0,000	3,090	0,000	63,320	97,600	57648,670	-57551,070
839+0,00	0,000	2,700	0,000	58,060	97,600	57706,730	-57609,130
840+0,00	0,000	3,240	0,000	59,440	97,600	57766,180	-57668,580
841+0,00	0,000	4,600	0,000	78,410	97,600	57844,590	-57746,990
842+0,00	0,000	5,700	0,000	102,930	97,600	57947,520	-57849,920
843+0,00	0,000	5,900	0,000	116,020	97,600	58063,530	-57965,930
844+0,00	0,000	3,600	0,000	95,080	97,600	58158,620	-58061,020
845+0,00	0,000	3,110	0,000	67,150	97,600	58225,770	-58128,170
846+0,00	0,000	2,960	0,000	60,720	97,600	58286,480	-58188,880
847+0,00	0,000	3,040	0,000	59,970	97,600	58346,450	-58248,850
848+0,00	0,000	3,110	0,000	61,490	97,600	58407,940	-58310,340
849+0,00	0,000	3,120	0,000	62,280	97,600	58470,230	-58372,630
850+0,00	0,000	3,120	0,000	62,380	97,600	58532,610	-58435,010
851+0,00	0,000	3,160	0,000	62,830	97,600	58595,440	-58497,840
852+0,00	0,000	2,820	0,000	59,790	97,600	58655,230	-58557,630
853+0,00	0,000	3,030	0,000	58,470	97,600	58713,700	-58616,100
854+0,00	0,000	3,250	0,000	62,800	97,600	58776,490	-58678,890
855+0,00	0,000	3,010	0,000	62,630	97,600	58839,130	-58741,530
856+0,00	0,000	2,770	0,000	57,830	97,600	58896,960	-58799,360
857+0,00	0,000	2,550	0,000	53,220	97,600	58950,180	-58852,580
858+0,00	0,000	2,690	0,000	52,350	97,600	59002,520	-58904,920
859+0,00	0,000	2,960	0,000	56,450	97,600	59058,970	-58961,370
860+0,00	0,000	3,260	0,000	62,180	97,600	59121,150	-59023,550
861+0,00	0,000	3,410	0,000	66,680	97,600	59187,830	-59090,230
862+0,00	0,000	3,140	0,000	65,450	97,600	59253,270	-59155,670
863+0,00	0,000	3,160	0,000	62,910	97,600	59316,180	-59218,580
864+0,00	0,000	3,230	0,000	63,880	97,600	59380,060	-59282,460
865+0,00	0,000	2,740	0,000	59,700	97,600	59439,760	-59342,160
866+0,00	0,000	2,820	0,000	55,590	97,600	59495,350	-59397,750
867+0,00	0,000	3,200	0,000	60,260	97,600	59555,600	-59458,000
868+0,00	0,000	3,640	0,000	68,440	97,600	59624,040	-59526,440
869+0,00	0,000	3,750	0,000	73,960	97,600	59698,000	-59600,400
870+0,00	0,000	4,300	0,000	80,550	97,600	59778,550	-59680,950
871+0,00	0,000	3,500	0,000	78,060	97,600	59856,610	-59759,010
872+0,00	0,000	3,200	0,000	67,080	97,600	59923,690	-59826,090
873+0,00	0,000	2,820	0,000	60,210	97,600	59983,900	-59886,300
874+0,00	0,000	3,310	0,000	61,310	97,600	60045,210	-59947,610
875+0,00	0,000	2,020	0,000	53,350	97,600	60098,560	-60000,960
876+0,00	0,000	2,780	0,000	48,020	97,600	60146,570	-60048,970
877+0,00	0,000	3,410	0,000	61,910	97,600	60208,490	-60110,890
878+0,00	0,000	3,350	0,000	67,580	97,600	60276,070	-60178,470
879+0,00	0,000	3,210	0,000	65,590	97,600	60341,660	-60244,060
880+0,00	0,000	1,880	0,000	50,930	97,600	60392,590	-60294,990
881+0,00	0,000	1,620	0,000	34,990	97,600	60427,580	-60329,980
882+0,00	0,000	2,560	0,000	41,780	97,600	60469,350	-60371,750
883+0,00	0,000	3,760	0,000	63,210	97,600	60532,560	-60434,960
884+0,00	0,000	4,030	0,000	77,920	97,600	60610,490	-60512,890
885+0,00	0,000	2,030	0,000	60,570	97,600	60671,060	-60573,460
886+0,00	0,000	3,050	0,000	50,800	97,600	60721,860	-60624,260
887+0,00	0,000	3,260	0,000	63,140	97,600	60784,990	-60687,390
888+0,00	0,000	3,540	0,000	67,970	97,600	60852,960	-60755,360
889+0,00	0,000	3,810	0,000	73,450	97,600	60926,420	-60828,820
890+0,00	0,000	4,550	0,000	83,540	97,600	61009,950	-60912,350
891+0,00	0,000	4,030	0,000	85,750	97,600	61095,700	-60998,100
892+0,00	0,000	3,400	0,000	74,250	97,600	61169,950	-61072,350
893+0,00	0,000	3,590	0,000	69,820	97,600	61239,770	-61142,170
894+0,00	0,000	5,080	0,000	86,680	97,600	61326,450	-61228,850
895+0,00	0,000	6,150	0,000	112,310	97,600	61438,760	-61341,160
896+0,00	0,000	5,290	0,000	114,400	97,600	61553,160	-61455,560
897+0,00	0,000	3,950	0,000	92,400	97,600	61645,560	-61547,960
898+0,00	0,000	2,840	0,000	67,850	97,600	61713,410	-61615,810
899+0,00	0,000	2,490	0,000	53,290	97,600	61766,700	-61669,100
900+0,00	0,000	2,020	0,000	45,110	97,600	61811,810	-61714,210

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
901+0,00	0,000	1,900	0,000	39,190	97,600	61851,000	-61753,400
902+0,00	0,000	2,450	0,000	43,520	97,600	61894,520	-61796,920
903+0,00	0,000	3,780	0,000	62,310	97,600	61956,830	-61859,230
904+0,00	0,000	4,750	0,000	85,260	97,600	62042,090	-61944,490
905+0,00	0,000	5,480	0,000	102,300	97,600	62144,380	-62046,780
906+0,00	0,000	3,900	0,000	93,810	97,600	62238,200	-62140,600
907+0,00	0,000	3,320	0,000	72,140	97,600	62310,340	-62212,740
908+0,00	0,000	2,980	0,000	63,000	97,600	62373,340	-62275,740
909+0,00	0,000	2,790	0,000	57,800	97,600	62431,140	-62333,540
910+0,00	0,000	2,970	0,000	57,670	97,600	62488,800	-62391,200
911+0,00	0,000	2,540	0,000	55,130	97,600	62543,930	-62446,330
912+0,00	0,000	2,750	0,000	52,870	97,600	62596,800	-62499,200
913+0,00	0,000	3,240	0,000	59,920	97,600	62656,720	-62559,120
914+0,00	0,000	3,790	0,000	70,350	97,600	62727,070	-62629,470
915+0,00	0,000	3,570	0,000	73,590	97,600	62800,660	-62703,060
916+0,00	0,000	3,320	0,000	68,870	97,600	62869,530	-62771,930
917+0,00	0,000	3,400	0,000	67,210	97,600	62936,740	-62839,140
918+0,00	0,000	2,740	0,000	61,480	97,600	62998,220	-62900,620
919+0,00	0,000	3,250	0,000	59,930	97,600	63058,150	-62960,550
920+0,00	0,000	3,110	0,000	63,550	97,600	63121,700	-63024,100
921+0,00	0,000	3,380	0,000	64,860	97,600	63186,560	-63088,960
922+0,00	0,000	3,360	0,000	67,420	97,600	63253,970	-63156,370
923+0,00	0,000	3,340	0,000	67,070	97,600	63321,040	-63223,440
924+0,00	0,000	3,450	0,000	67,930	97,600	63388,970	-63291,370
925+0,00	0,000	3,530	0,000	69,770	97,600	63458,730	-63361,130
926+0,00	0,000	4,170	0,000	77,000	97,600	63535,730	-63438,130
927+0,00	0,000	4,310	0,000	84,830	97,600	63620,560	-63522,960
928+0,00	0,000	3,430	0,000	77,420	97,600	63697,980	-63600,380
929+0,00	0,000	3,440	0,000	68,710	97,600	63766,690	-63669,090
930+0,00	0,000	3,300	0,000	67,370	97,600	63834,060	-63736,460
931+0,00	0,000	3,470	0,000	67,660	97,600	63901,720	-63804,120
932+0,00	0,000	4,600	0,000	80,680	97,600	63982,390	-63884,790
933+0,00	0,000	3,550	0,000	81,530	97,600	64063,920	-63966,320
934+0,00	0,000	3,110	0,000	66,590	97,600	64130,510	-64032,910
935+0,00	0,000	3,020	0,000	61,310	97,600	64191,820	-64094,220
936+0,00	0,000	2,970	0,000	59,980	97,600	64251,810	-64154,210
937+0,00	0,000	3,000	0,000	59,760	97,600	64311,570	-64213,970
938+0,00	0,000	3,360	0,000	63,630	97,600	64375,200	-64277,600
939+0,00	0,000	3,090	0,000	64,540	97,600	64439,730	-64342,130
940+0,00	0,000	2,960	0,000	60,500	97,600	64500,230	-64402,630
941+0,00	0,000	2,700	0,000	56,590	97,600	64556,820	-64459,220
942+0,00	0,000	1,880	0,000	45,860	97,600	64602,680	-64505,080
943+0,00	0,000	3,030	0,000	49,150	97,600	64651,830	-64554,230
944+0,00	0,000	3,050	0,000	60,790	97,600	64712,620	-64615,020
945+0,00	0,000	3,260	0,000	63,070	97,600	64775,690	-64678,090
946+0,00	0,000	3,220	0,000	64,790	97,600	64840,490	-64742,890
947+0,00	0,000	3,200	0,000	64,160	97,600	64904,650	-64807,050
948+0,00	0,000	4,670	0,000	78,630	97,600	64983,280	-64885,680
949+0,00	0,000	4,210	0,000	88,760	97,600	65072,030	-64974,430
950+0,00	0,000	3,560	0,000	77,710	97,600	65149,750	-65052,150
951+0,00	0,000	3,260	0,000	68,220	97,600	65217,970	-65120,370
952+0,00	0,000	3,310	0,000	65,720	97,600	65283,690	-65186,090
953+0,00	0,000	3,360	0,000	66,680	97,600	65350,370	-65252,770
954+0,00	0,000	3,070	0,000	64,240	97,600	65414,610	-65317,010
955+0,00	0,000	2,860	0,000	59,330	97,600	65473,940	-65376,340
956+0,00	0,000	2,890	0,000	57,530	97,600	65531,470	-65433,870
957+0,00	0,000	3,190	0,000	60,810	97,600	65592,280	-65494,680
958+0,00	0,000	3,220	0,000	64,080	97,600	65656,360	-65558,760
959+0,00	0,000	3,540	0,000	67,530	97,600	65723,890	-65626,290
960+0,00	0,000	3,560	0,000	71,000	97,600	65794,890	-65697,290
961+0,00	0,000	3,150	0,000	67,130	97,600	65862,020	-65764,420
962+0,00	0,000	3,150	0,000	62,960	97,600	65924,980	-65827,380
963+0,00	0,000	3,260	0,000	64,020	97,600	65989,000	-65891,400
964+0,00	0,000	3,120	0,000	63,810	97,600	66052,810	-65955,210
965+0,00	0,000	3,430	0,000	65,560	97,600	66118,370	-66020,770

Osvaldo Leôncio da Silva Filho
Diretor de Licenciamento e Projetos
Projetos e Obras - SEINFRA - PB
Secretaria de Infraestrutura

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
966+0,00	0,000	3,390	0,000	68,190	97,600	66186,550	-66088,950
967+0,00	0,000	3,450	0,000	68,370	97,600	66254,930	-66157,330
968+0,00	0,000	3,800	0,000	72,490	97,600	66327,410	-66229,810
969+0,00	0,000	4,020	0,000	78,230	97,600	66405,650	-66308,050
970+0,00	0,000	3,620	0,000	76,470	97,600	66482,120	-66384,520
971+0,00	0,000	3,160	0,000	67,860	97,600	66549,970	-66452,370
972+0,00	0,000	3,140	0,000	63,040	97,600	66613,010	-66515,410
973+0,00	0,000	3,030	0,000	61,730	97,600	66674,740	-66577,140
974+0,00	0,000	2,870	0,000	59,070	97,600	66733,810	-66636,210
975+0,00	0,000	3,190	0,000	60,680	97,600	66794,490	-66696,890
976+0,00	0,000	3,360	0,000	65,500	97,600	66859,990	-66762,390
977+0,00	0,000	3,430	0,000	67,880	97,600	66927,870	-66830,270
978+0,00	0,000	3,490	0,000	69,260	97,600	66997,130	-66899,530
979+0,00	0,000	3,660	0,000	71,570	97,600	67068,700	-66971,100
980+0,00	0,000	4,320	0,000	79,860	97,600	67148,550	-67050,950
981+0,00	0,000	3,450	0,000	77,680	97,600	67226,240	-67128,640
982+0,00	0,000	3,210	0,000	66,570	97,600	67292,810	-67195,210
983+0,00	0,000	3,210	0,000	64,180	97,600	67356,990	-67259,390
984+0,00	0,020	3,270	0,180	64,740	97,770	67421,720	-67323,950
985+0,00	0,010	3,410	0,250	66,610	98,030	67488,330	-67390,300
986+0,00	0,000	2,610	0,100	60,190	98,120	67548,520	-67450,400
987+0,00	0,000	2,940	0,000	55,460	98,120	67603,970	-67505,850
988+0,00	0,000	3,320	0,000	62,610	98,120	67666,580	-67568,460
989+0,00	0,000	3,210	0,000	65,270	98,120	67731,860	-67633,740
990+0,00	0,000	3,400	0,000	66,010	98,120	67797,870	-67699,750
991+0,00	0,000	3,290	0,000	66,900	98,120	67864,770	-67766,650
992+0,00	0,000	3,310	0,000	66,060	98,120	67930,820	-67832,700
993+0,00	0,000	3,030	0,000	63,390	98,120	67994,210	-67896,090
994+0,00	0,000	3,550	0,000	65,740	98,120	68059,950	-67961,830
995+0,00	0,000	3,070	0,000	66,170	98,120	68126,120	-68028,000
996+0,00	0,000	2,960	0,000	60,290	98,120	68186,410	-68088,290
997+0,00	0,000	3,460	0,000	64,150	98,120	68250,560	-68152,440
998+0,00	0,000	3,480	0,000	69,390	98,120	68319,960	-68221,840
999+0,00	0,000	2,100	0,000	55,780	98,120	68375,740	-68277,620
1000+0,00	0,000	2,430	0,000	45,230	98,120	68420,970	-68322,850
1001+0,00	0,000	3,260	0,000	56,900	98,120	68477,880	-68379,760
1002+0,00	0,000	4,860	0,000	81,220	98,120	68559,100	-68460,980
1003+0,00	0,000	5,410	0,000	102,730	98,120	68661,830	-68563,710
1004+0,00	0,000	5,630	0,000	110,430	98,120	68772,260	-68674,140
1005+0,00	0,000	4,210	0,030	98,590	98,150	68870,850	-68772,700
1006+0,00	0,000	3,640	0,030	78,610	98,180	68949,460	-68851,280
1007+0,00	0,000	2,680	0,000	63,360	98,180	69012,820	-68914,640
1008+0,00	0,000	3,300	0,000	59,850	98,180	69072,670	-68974,490
1009+0,00	0,000	3,300	0,000	66,150	98,180	69138,820	-69040,640
1010+0,00	0,000	3,270	0,000	65,740	98,180	69204,560	-69106,380
1011+0,00	0,000	3,310	0,000	65,800	98,180	69270,360	-69172,180
1012+0,00	0,000	3,530	0,000	68,350	98,180	69338,710	-69240,530
1013+0,00	0,000	3,370	0,000	68,940	98,180	69407,650	-69309,470
1014+0,00	0,000	3,780	0,000	71,470	98,180	69479,120	-69380,940
1015+0,00	0,000	3,800	0,000	75,900	98,180	69555,020	-69456,840
1016+0,00	0,000	2,900	0,000	66,990	98,180	69622,010	-69523,830
1017+0,00	0,000	2,040	0,000	49,460	98,180	69671,470	-69573,290
1018+0,00	0,000	2,620	0,000	46,670	98,180	69718,140	-69619,960
1019+0,00	0,000	3,080	0,000	56,990	98,180	69775,130	-69676,950
1020+0,00	0,000	3,080	0,000	61,610	98,180	69836,740	-69738,560
1021+0,00	0,000	2,260	0,000	53,420	98,180	69890,160	-69791,980
1022+0,00	0,000	3,680	0,000	59,340	98,180	69949,500	-69851,320
1023+0,00	0,000	3,870	0,000	75,450	98,180	70024,950	-69926,770
1024+0,00	0,000	3,740	0,000	76,060	98,180	70101,010	-70002,830
1025+0,00	0,000	3,490	0,000	71,930	98,180	70172,940	-70074,760
1026+0,00	0,000	3,420	0,000	68,700	98,180	70241,640	-70143,460
1027+0,00	0,000	3,250	0,000	66,530	98,180	70308,170	-70209,990
1028+0,00	0,000	3,440	0,000	66,780	98,180	70374,960	-70276,780
1029+0,00	0,000	3,570	0,000	70,170	98,180	70445,130	-70346,950
1030+0,00	0,000	3,560	0,000	71,380	98,180	70516,510	-70418,330

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1031+0,00	0,000	3,320	0,000	68,830	98,180	70585,340	-70487,160
1032+0,00	0,000	4,070	0,000	73,850	98,180	70659,190	-70561,010
1033+0,00	0,000	4,930	0,000	89,940	98,180	70749,140	-70650,960
1034+0,00	0,000	4,830	0,000	97,580	98,180	70846,720	-70748,540
1035+0,00	0,000	4,620	0,000	94,490	98,180	70941,210	-70843,030
1036+0,00	0,000	4,360	0,000	89,820	98,180	71031,030	-70932,850
1037+0,00	0,000	3,440	0,000	78,090	98,180	71109,120	-71010,940
1038+0,00	0,000	3,260	0,000	67,050	98,180	71176,170	-71077,990
1039+0,00	0,000	3,630	0,000	68,900	98,180	71245,070	-71146,890
1040+0,00	0,000	4,250	0,000	78,800	98,180	71323,880	-71225,700
1041+0,00	0,000	4,950	0,000	91,980	98,180	71415,850	-71317,670
1042+0,00	0,000	5,560	0,000	105,040	98,180	71520,890	-71422,710
1043+0,00	0,000	5,390	0,000	109,420	98,180	71630,310	-71532,130
1044+0,00	0,000	5,130	0,000	105,200	98,180	71735,510	-71637,330
1045+0,00	0,000	4,650	0,000	97,810	98,180	71833,330	-71735,150
1046+0,00	0,000	4,070	0,000	87,130	98,180	71920,460	-71822,280
1047+0,00	0,000	3,510	0,000	75,750	98,180	71996,210	-71898,030
1048+0,00	0,000	3,220	0,000	67,290	98,180	72063,500	-71965,320
1049+0,00	0,000	3,260	0,000	64,810	98,180	72128,310	-72030,130
1050+0,00	0,000	3,360	0,000	66,250	98,180	72194,560	-72096,380
1051+0,00	0,000	3,600	0,000	69,680	98,180	72264,240	-72166,060
1052+0,00	0,000	3,700	0,000	73,080	98,180	72337,310	-72239,130
1053+0,00	0,000	3,580	0,000	72,820	98,180	72410,130	-72311,950
1054+0,00	0,000	3,280	0,000	68,610	98,180	72478,740	-72380,560
1055+0,00	0,000	3,000	0,000	62,830	98,180	72541,570	-72443,390
1056+0,00	0,000	2,170	0,000	51,690	98,180	72593,270	-72495,090
1057+0,00	0,000	0,000	0,000	21,690	98,180	72614,950	-72516,770
1058+0,00	0,000	3,410	0,000	34,050	98,180	72649,010	-72550,830
1059+0,00	0,000	4,550	0,000	79,570	98,180	72728,580	-72630,400
1060+0,00	0,000	5,120	0,000	96,730	98,180	72825,310	-72727,130
1061+0,00	0,000	6,580	0,000	116,950	98,180	72942,260	-72844,080
1062+0,00	0,000	7,040	0,000	136,130	98,180	73078,390	-72980,210
1063+0,00	0,000	6,270	0,000	133,080	98,180	73211,470	-73113,290
1064+0,00	0,000	4,320	0,000	105,920	98,180	73317,390	-73219,210
1065+0,00	0,000	3,250	0,000	75,680	98,180	73393,070	-73294,890
1066+0,00	0,000	2,970	0,000	62,150	98,180	73455,230	-73357,050
1067+0,00	0,000	3,860	0,000	68,240	98,180	73523,470	-73425,290
1068+0,00	0,000	3,500	0,000	73,530	98,180	73597,000	-73498,820
1069+0,00	0,000	3,300	0,000	67,960	98,180	73664,960	-73566,780
1070+0,00	0,000	3,060	0,000	63,580	98,180	73728,540	-73630,360
1071+0,00	0,000	3,180	0,000	62,330	98,180	73790,870	-73692,690
1072+0,00	0,000	3,260	0,000	64,350	98,180	73855,230	-73757,050
1073+0,00	0,000	3,270	0,000	65,230	98,180	73920,460	-73822,280
1074+0,00	0,000	3,130	0,000	63,930	98,180	73984,390	-73886,210
1075+0,00	0,000	3,320	0,000	64,440	98,180	74048,830	-73950,650
1076+0,00	0,000	2,720	0,000	60,320	98,180	74109,150	-74010,970
1077+0,00	0,000	1,810	0,000	45,290	98,180	74154,440	-74056,260
1078+0,00	0,000	1,770	0,000	35,800	98,180	74190,240	-74092,060
1079+0,00	0,000	3,260	0,000	50,360	98,180	74240,600	-74142,420
1080+0,00	0,000	3,320	0,000	65,780	98,180	74306,390	-74208,210
1081+0,00	0,000	3,660	0,000	69,780	98,180	74376,170	-74277,990
1082+0,00	0,000	3,770	0,000	74,440	98,180	74450,610	-74352,430
1083+0,00	0,000	4,110	0,000	78,780	98,180	74529,380	-74431,200
1084+0,00	0,000	4,070	0,000	82,080	98,180	74611,460	-74513,280
1085+0,00	0,000	3,810	0,000	78,850	98,180	74690,310	-74592,130
1086+0,00	0,000	3,670	0,000	75,020	98,180	74765,330	-74667,150
1087+0,00	0,000	2,740	0,000	64,070	98,180	74829,400	-74731,220
1088+0,00	0,000	0,900	0,040	36,360	98,220	74865,760	-74767,540
1089+0,00	0,070	0,330	0,740	12,300	98,960	74878,060	-74779,100
1090+0,00	0,020	0,420	0,920	7,520	99,880	74885,580	-74785,700
1091+0,00	0,000	1,400	0,220	18,260	100,100	74903,840	-74803,740
1092+0,00	0,000	2,540	0,000	39,460	100,100	74943,290	-74843,190
1093+0,00	0,000	3,540	0,000	60,840	100,100	75004,130	-74904,030
1094+0,00	0,000	4,350	0,000	78,930	100,100	75083,070	-74982,970
1095+0,00	0,000	3,400	0,000	77,510	100,100	75160,580	-75060,480

Secretaria de Estado [illegible]

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1096+0,00	0,000	3,460	0,000	68,590	100,100	75229,160	-75129,060
1097+0,00	0,000	5,400	0,000	88,620	100,100	75317,790	-75217,690
1098+0,00	0,000	3,890	0,000	92,880	100,100	75410,670	-75310,570
1099+0,00	0,000	3,170	0,000	70,520	100,100	75481,190	-75381,090
1100+0,00	0,000	3,320	0,010	64,820	100,110	75546,000	-75445,890
1101+0,00	0,000	3,200	0,010	65,160	100,120	75611,160	-75511,040
1102+0,00	0,000	2,960	0,000	61,640	100,120	75672,800	-75572,680
1103+0,00	0,000	3,260	0,000	62,290	100,120	75735,090	-75634,970
1104+0,00	0,000	3,470	0,000	67,300	100,120	75802,390	-75702,270
1105+0,00	0,000	4,490	0,000	79,610	100,120	75882,000	-75781,880
1106+0,00	0,000	3,580	0,000	80,680	100,120	75962,680	-75862,560
1107+0,00	0,000	3,090	0,000	66,660	100,120	76029,340	-75929,220
1108+0,00	0,000	3,170	0,000	62,580	100,120	76091,920	-75991,800
1109+0,00	0,000	3,260	0,000	64,330	100,120	76156,240	-76056,120
1110+0,00	0,000	3,040	0,000	62,990	100,120	76219,230	-76119,110
1111+0,00	0,000	2,270	0,000	53,120	100,120	76272,350	-76172,230
1112+0,00	0,000	1,980	0,000	42,550	100,120	76314,900	-76214,780
1113+0,00	0,000	1,940	0,000	39,220	100,120	76354,120	-76254,000
1114+0,00	0,000	2,130	0,000	40,740	100,120	76394,860	-76294,740
1115+0,00	0,000	2,420	0,000	45,530	100,120	76440,400	-76340,280
1116+0,00	0,000	2,980	0,000	53,950	100,120	76494,350	-76394,230
1117+0,00	0,000	3,150	0,000	61,260	100,120	76555,610	-76455,490
1118+0,00	0,000	3,230	0,000	63,800	100,120	76619,410	-76519,290
1119+0,00	0,000	3,140	0,000	63,710	100,120	76683,110	-76582,990
1120+0,00	0,000	3,380	0,000	65,260	100,120	76748,370	-76648,250
1121+0,00	0,000	3,040	0,000	64,250	100,120	76812,620	-76712,500
1122+0,00	0,000	2,290	0,000	53,270	100,120	76865,880	-76765,760
1123+0,00	0,000	1,500	0,000	37,890	100,120	76903,780	-76803,660
1124+0,00	0,000	2,090	0,000	35,950	100,120	76939,730	-76839,610
1125+0,00	0,000	3,350	0,000	54,400	100,120	76994,130	-76894,010
1126+0,00	0,000	3,290	0,000	66,370	100,120	77060,490	-76960,370
1127+0,00	0,000	3,110	0,000	64,010	100,120	77124,510	-77024,390
1128+0,00	0,000	3,360	0,000	64,710	100,120	77189,210	-77089,090
1129+0,00	0,000	3,330	0,000	66,840	100,120	77256,060	-77155,940
1130+0,00	0,000	3,220	0,000	65,440	100,120	77321,490	-77221,370
1131+0,00	0,000	3,220	0,000	64,370	100,120	77385,870	-77285,750
1132+0,00	0,000	3,150	0,000	63,690	100,120	77449,550	-77349,430
1133+0,00	0,000	3,130	0,000	62,770	100,120	77512,320	-77412,200
1134+0,00	0,000	3,760	0,000	68,880	100,120	77581,200	-77481,080
1135+0,00	0,000	4,330	0,000	80,860	100,120	77662,060	-77561,940
1136+0,00	0,000	3,870	0,000	82,010	100,120	77744,070	-77643,950
1137+0,00	0,000	3,300	0,000	71,740	100,120	77815,810	-77715,690
1138+0,00	0,000	3,330	0,000	66,320	100,120	77882,120	-77782,000
1139+0,00	0,000	4,110	0,000	74,380	100,120	77956,510	-77856,390
1140+0,00	0,000	3,400	0,000	75,040	100,120	78031,550	-77931,430
1141+0,00	0,000	3,190	0,000	65,830	100,120	78097,380	-77997,260
1142+0,00	0,000	3,540	0,000	67,270	100,120	78164,650	-78064,530
1143+0,00	0,000	3,250	0,000	67,910	100,120	78232,560	-78132,440
1144+0,00	0,000	3,090	0,000	63,440	100,120	78296,000	-78195,880
1145+0,00	0,000	3,640	0,000	67,270	100,120	78363,270	-78263,150
1146+0,00	0,000	4,430	0,000	80,700	100,120	78443,970	-78343,850
1147+0,00	0,000	3,930	0,000	83,580	100,120	78527,550	-78427,430
1148+0,00	0,000	3,360	0,000	72,900	100,120	78600,440	-78500,320
1149+0,00	0,000	3,490	0,000	68,440	100,120	78668,890	-78568,770
1150+0,00	0,140	3,100	1,450	65,840	101,560	78734,720	-78633,160
1151+0,00	0,250	3,230	3,860	63,340	105,420	78798,060	-78692,640
1152+0,00	0,070	3,210	3,040	64,620	108,460	78862,680	-78754,220
1153+0,00	0,000	2,340	0,660	55,500	109,120	78918,180	-78809,060
1154+0,00	0,000	1,940	0,000	42,810	109,120	78960,980	-78851,860
1155+0,00	0,000	2,450	0,000	43,910	109,120	79004,900	-78895,780
1156+0,00	0,000	3,500	0,010	59,500	109,130	79064,400	-78955,270
1157+0,00	0,000	3,610	0,010	70,880	109,130	79135,280	-79026,150
1158+0,00	0,000	2,800	0,000	64,130	109,130	79199,410	-79090,280
1159+0,00	0,000	3,490	0,000	62,990	109,130	79262,400	-79153,270
1160+0,00	0,000	4,130	0,000	76,230	109,130	79338,630	-79229,500

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1161+0,00	0,000	4,460	0,000	85,860	109,130	79424,490	-79315,360
1162+0,00	0,000	5,040	0,000	94,950	109,130	79519,440	-79410,310
1163+0,00	0,000	5,060	0,000	100,930	109,130	79620,370	-79511,240
1164+0,00	0,000	4,290	0,000	93,450	109,130	79713,820	-79604,690
1165+0,00	0,000	3,670	0,000	79,620	109,130	79793,440	-79684,310
1166+0,00	0,000	3,260	0,000	69,290	109,130	79862,730	-79753,600
1167+0,00	0,000	2,500	0,000	57,520	109,130	79920,250	-79811,120
1168+0,00	0,000	1,960	0,000	44,520	109,130	79964,770	-79855,640
1169+0,00	0,000	1,640	0,000	35,990	109,130	80000,750	-79891,620
1170+0,00	0,000	1,600	0,000	32,400	109,130	80033,150	-79924,020
1171+0,00	0,000	1,740	0,000	33,380	109,130	80066,530	-79957,400
1172+0,00	0,000	1,790	0,000	35,310	109,130	80101,840	-79992,710
1173+0,00	0,000	1,960	0,000	37,480	109,130	80139,320	-80030,190
1174+0,00	0,000	2,160	0,000	41,140	109,130	80180,460	-80071,330
1175+0,00	0,000	2,310	0,000	44,710	109,130	80225,170	-80116,040
1176+0,00	0,000	2,650	0,000	49,630	109,130	80274,810	-80165,680
1177+0,00	0,000	3,120	0,000	57,810	109,130	80332,620	-80223,490
1178+0,00	0,000	3,540	0,000	66,590	109,130	80399,210	-80290,080
1179+0,00	0,000	3,550	0,000	70,910	109,130	80470,130	-80361,000
1180+0,00	0,000	3,560	0,000	71,170	109,130	80541,290	-80432,160
1181+0,00	0,000	3,560	0,000	71,580	109,130	80612,870	-80503,740
1182+0,00	0,000	0,000	0,000	35,550	109,130	80648,420	-80539,290
1183+0,00	0,000	6,350	0,000	63,530	109,130	80711,950	-80602,820
1184+0,00	0,000	7,450	0,000	138,050	109,130	80849,990	-80740,860
1185+0,00	0,000	5,760	0,000	132,170	109,130	80982,160	-80873,030
1186+0,00	0,000	4,590	0,000	103,590	109,130	81085,750	-80976,620
1187+0,00	0,000	3,460	0,000	80,530	109,130	81166,280	-81057,150
1188+0,00	0,000	3,200	0,000	66,560	109,130	81232,850	-81123,720
1189+0,00	0,000	3,370	0,000	65,680	109,130	81298,530	-81189,400
1190+0,00	0,000	3,580	0,000	69,460	109,130	81367,990	-81258,860
1191+0,00	0,000	3,370	0,000	69,670	109,130	81437,660	-81328,530
1192+0,00	0,000	0,000	0,000	33,680	109,130	81471,340	-81362,210
1193+0,00	0,000	3,340	0,000	33,380	109,130	81504,720	-81395,590
1194+0,00	0,000	3,250	0,000	65,920	109,130	81570,640	-81461,510
1195+0,00	0,000	4,750	0,000	80,080	109,130	81650,720	-81541,590
1196+0,00	0,000	4,870	0,000	96,260	109,130	81746,980	-81637,850
1197+0,00	0,000	3,590	0,000	84,590	109,130	81831,560	-81722,430
1198+0,00	0,000	3,160	0,000	67,460	109,130	81899,030	-81789,900
1199+0,00	0,000	3,570	0,000	67,260	109,130	81966,290	-81857,160
1200+0,00	0,000	4,200	0,000	77,650	109,130	82043,940	-81934,810
1201+0,00	0,000	4,060	0,000	82,610	109,130	82126,550	-82017,420
1202+0,00	0,000	3,620	0,000	76,790	109,130	82203,340	-82094,210
1203+0,00	0,000	3,170	0,000	67,890	109,130	82271,230	-82162,100
1204+0,00	0,000	2,320	0,000	54,920	109,130	82326,140	-82217,010
1205+0,00	0,000	1,690	0,000	40,120	109,130	82366,260	-82257,130
1206+0,00	0,000	2,360	0,000	40,560	109,130	82406,820	-82297,690
1207+0,00	0,000	3,130	0,000	54,950	109,130	82461,780	-82352,650
1208+0,00	0,000	2,500	0,000	56,350	109,130	82518,130	-82409,000
1209+0,00	0,000	2,460	0,000	49,580	109,130	82567,710	-82458,580
1210+0,00	0,000	2,540	0,000	50,000	109,130	82617,710	-82508,580
1211+0,00	0,000	2,840	0,000	53,840	109,130	82671,550	-82562,420
1212+0,00	0,000	3,160	0,000	59,960	109,130	82731,510	-82622,380
1213+0,00	0,000	2,900	0,000	60,590	109,130	82792,100	-82682,970
1214+0,00	0,000	1,690	0,000	45,880	109,130	82837,980	-82728,850
1215+0,00	0,000	1,390	0,000	30,780	109,130	82868,760	-82759,630
1216+0,00	0,000	1,820	0,000	32,160	109,130	82900,910	-82791,780
1217+0,00	0,000	2,600	0,000	44,280	109,130	82945,190	-82836,060
1218+0,00	0,000	3,100	0,000	57,060	109,130	83002,250	-82893,120
1219+0,00	0,000	4,450	0,000	75,540	109,130	83077,800	-82968,670
1220+0,00	0,000	4,260	0,000	87,110	109,130	83164,900	-83055,770
1221+0,00	0,000	4,140	0,000	84,000	109,130	83248,910	-83139,780
1222+0,00	0,000	3,350	0,000	74,970	109,130	83323,870	-83214,740
1223+0,00	0,000	3,220	0,000	65,710	109,130	83389,580	-83280,450
1224+0,00	0,000	3,200	0,000	64,180	109,130	83453,760	-83344,630
1225+0,00	0,000	3,150	0,000	63,520	109,130	83517,280	-83408,150

Gerência Executiva
Projetos Obras
Secretaria

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1226+0,00	0,000	2,940	0,000	60,870	109,130	83578,150	-83469,020
1227+0,00	0,000	3,320	0,000	62,600	109,130	83640,750	-83531,620
1228+0,00	0,000	3,400	0,000	67,260	109,130	83708,010	-83598,880
1229+0,00	0,000	3,190	0,000	65,890	109,130	83773,900	-83664,770
1230+0,00	0,000	3,400	0,000	65,840	109,130	83839,740	-83730,610
1231+0,00	0,000	3,620	0,000	70,150	109,130	83909,890	-83800,760
1232+0,00	0,000	3,760	0,000	73,730	109,130	83983,620	-83874,490
1233+0,00	0,000	3,430	0,000	71,840	109,130	84055,450	-83946,320
1234+0,00	0,000	3,240	0,000	66,710	109,130	84122,160	-84013,030
1235+0,00	0,000	3,340	0,000	65,800	109,130	84187,960	-84078,830
1236+0,00	0,000	2,850	0,000	61,830	109,130	84249,790	-84140,660
1237+0,00	0,000	1,820	0,000	46,620	109,130	84296,410	-84187,280
1238+0,00	0,000	3,190	0,000	50,070	109,130	84346,480	-84237,350
1239+0,00	0,000	4,100	0,000	72,910	109,130	84419,390	-84310,260
1240+0,00	0,000	5,380	0,000	94,790	109,130	84514,180	-84405,050
1241+0,00	0,000	7,560	0,000	129,390	109,130	84643,580	-84534,450
1242+0,00	0,000	9,480	0,000	170,410	109,130	84813,990	-84704,860
1243+0,00	0,000	11,620	0,000	211,020	109,130	85025,020	-84915,890
1244+0,00	0,000	11,640	0,000	232,660	109,130	85257,680	-85148,550
1245+0,00	0,000	10,660	0,000	223,070	109,130	85480,740	-85371,610
1246+0,00	0,000	9,130	0,000	197,950	109,130	85678,690	-85569,560
1247+0,00	0,000	6,830	0,000	159,660	109,130	85838,350	-85729,220
1248+0,00	0,000	3,880	0,000	107,130	109,130	85945,480	-85836,350
1249+0,00	0,000	2,750	0,000	66,310	109,130	86011,780	-85902,650
1250+0,00	0,000	1,050	0,000	37,960	109,130	86049,740	-85940,610
1251+0,00	0,100	0,140	1,050	11,850	110,180	86061,590	-85951,410
1252+0,00	0,050	0,260	1,560	3,960	111,740	86065,550	-85953,810
1253+0,00	0,000	0,940	0,510	11,990	112,250	86077,530	-85965,280
1254+0,00	0,000	1,990	0,000	29,340	112,250	86106,880	-85994,630
1255+0,00	0,000	3,170	0,000	51,630	112,250	86158,510	-86046,260
1256+0,00	0,000	4,190	0,000	73,610	112,250	86232,120	-86119,870
1257+0,00	0,000	4,300	0,000	84,920	112,250	86317,040	-86204,790
1258+0,00	0,000	4,210	0,000	85,070	112,250	86402,100	-86289,850
1259+0,00	0,000	3,400	0,000	76,090	112,250	86478,190	-86365,940
1260+0,00	0,000	2,480	0,000	58,880	112,250	86537,070	-86424,820
1261+0,00	0,000	1,770	0,000	42,570	112,250	86579,640	-86467,390
1262+0,00	0,000	2,020	0,000	37,930	112,250	86617,570	-86505,320
1263+0,00	0,000	2,850	0,000	48,660	112,250	86666,230	-86553,980
1264+0,00	0,000	3,470	0,000	63,190	112,250	86729,420	-86617,170
1265+0,00	0,000	4,030	0,000	75,010	112,250	86804,430	-86692,180
1266+0,00	0,000	4,360	0,000	83,920	112,250	86888,350	-86776,100
1267+0,00	0,000	4,200	0,000	85,640	112,250	86973,990	-86861,740
1268+0,00	0,000	4,060	0,000	82,580	112,250	87056,570	-86944,320
1269+0,00	0,000	3,550	0,000	76,090	112,250	87132,660	-87020,410
1270+0,00	0,000	2,500	0,000	60,520	112,250	87193,180	-87080,930
1271+0,00	0,000	2,530	0,000	50,290	112,250	87243,470	-87131,220
1272+0,00	0,000	2,290	0,000	48,190	112,250	87291,660	-87179,410
1273+0,00	0,000	3,210	0,000	55,010	112,250	87346,670	-87234,420
1274+0,00	0,000	3,540	0,000	67,510	112,250	87414,170	-87301,920
1275+0,00	0,000	5,110	0,000	86,490	112,250	87500,660	-87388,410
1276+0,00	0,000	3,300	0,000	84,060	112,250	87584,730	-87472,480
1277+0,00	0,000	4,380	0,000	76,750	112,250	87661,480	-87549,230
1278+0,00	0,000	2,650	0,000	70,290	112,250	87731,770	-87619,520
1279+0,00	0,000	2,550	0,000	52,000	112,250	87783,770	-87671,520
1280+0,00	0,000	1,510	0,000	40,580	112,250	87824,350	-87712,100
1281+0,00	0,000	2,480	0,000	39,940	112,250	87864,290	-87752,040
1282+0,00	0,000	3,290	0,000	57,760	112,250	87922,040	-87809,790
1283+0,00	0,000	3,160	0,000	64,500	112,250	87986,550	-87874,300
1284+0,00	0,000	3,590	0,000	67,430	112,250	88053,980	-87941,730
1285+0,00	0,000	4,470	0,000	80,520	112,250	88134,500	-88022,250
1286+0,00	0,000	5,650	0,000	101,130	112,250	88235,630	-88123,380
1287+0,00	0,000	5,920	0,000	115,690	112,250	88351,320	-88239,070
1288+0,00	0,000	5,690	0,000	116,120	112,250	88467,440	-88355,190
1289+0,00	0,000	5,190	0,000	108,820	112,250	88576,260	-88464,010
1290+0,00	0,000	4,460	0,000	96,570	112,250	88672,830	-88560,580

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1291+0,00	0,000	3,810	0,000	82,750	112,250	88755,570	-88643,320
1292+0,00	0,000	3,270	0,000	70,770	112,250	88826,340	-88714,090
1293+0,00	0,000	3,080	0,000	63,430	112,250	88889,780	-88777,530
1294+0,00	0,000	3,010	0,000	60,890	112,250	88950,670	-88838,420
1295+0,00	0,000	2,720	0,000	57,310	112,250	89007,980	-88895,730
1296+0,00	0,000	2,950	0,000	56,720	112,250	89064,710	-88952,460
1297+0,00	0,000	2,830	0,000	57,840	112,250	89122,550	-89010,300
1298+0,00	0,000	2,350	0,000	51,840	112,250	89174,390	-89062,140
1299+0,00	0,000	2,040	0,000	43,960	112,250	89218,350	-89106,100
1300+0,00	0,000	3,030	0,000	50,750	112,250	89269,100	-89156,850
1301+0,00	0,000	2,760	0,000	57,910	112,250	89327,010	-89214,760
1302+0,00	0,000	3,280	0,000	60,400	112,250	89387,410	-89275,160
1303+0,00	0,000	1,880	0,000	51,600	112,250	89439,010	-89326,760
1304+0,00	0,100	0,500	1,010	23,750	113,260	89462,760	-89349,500
1305+0,00	0,020	0,750	1,200	12,450	114,460	89475,210	-89360,750
1306+0,00	0,000	0,900	0,200	16,530	114,660	89491,740	-89377,080
1307+0,00	0,000	1,210	0,010	21,110	114,670	89512,850	-89398,180
1308+0,00	0,000	1,720	0,000	29,240	114,670	89542,090	-89427,420
1309+0,00	0,000	2,790	0,000	45,040	114,670	89587,130	-89472,460
1310+0,00	0,000	3,470	0,000	62,600	114,670	89649,730	-89535,060
1311+0,00	0,000	4,650	0,000	81,210	114,670	89730,940	-89616,270
1312+0,00	0,000	5,080	0,000	97,230	114,670	89828,180	-89713,510
1313+0,00	0,000	5,030	0,000	101,090	114,670	89929,260	-89814,590
1314+0,00	0,000	4,950	0,000	99,840	114,670	90029,110	-89914,440
1315+0,00	0,000	4,780	0,000	97,360	114,670	90126,460	-90011,790
1316+0,00	0,000	4,460	0,000	92,410	114,670	90218,880	-90104,210
1317+0,00	0,000	4,200	0,000	86,630	114,670	90305,510	-90190,840
1318+0,00	0,000	3,780	0,000	79,890	114,670	90385,390	-90270,720
1319+0,00	0,000	4,560	0,000	83,410	114,670	90468,800	-90354,130
1320+0,00	0,000	5,580	0,000	101,350	114,670	90570,150	-90455,480
1321+0,00	0,000	5,580	0,000	111,570	114,670	90681,720	-90567,050
1322+0,00	0,000	5,180	0,000	107,600	114,670	90789,320	-90674,650
1323+0,00	0,000	3,830	0,000	90,100	114,670	90879,420	-90764,750
1324+0,00	0,000	2,100	0,000	59,270	114,670	90938,690	-90824,020
1325+0,00	0,080	0,940	0,790	30,430	115,450	90969,120	-90853,670
1326+0,00	0,110	0,950	1,870	18,960	117,320	90988,080	-90870,760
1327+0,00	0,070	1,050	1,820	19,990	119,140	91008,070	-90888,930
1328+0,00	0,010	1,490	0,800	25,330	119,930	91033,410	-90913,480
1329+0,00	0,000	3,250	0,060	47,340	119,990	91080,740	-90960,750
1330+0,00	0,010	3,730	0,070	69,760	120,070	91150,510	-91030,440
1331+0,00	0,000	3,540	0,070	72,830	120,140	91223,340	-91103,200
1332+0,00	0,000	3,470	0,000	70,080	120,140	91293,420	-91173,280
1333+0,00	0,000	4,010	0,000	74,740	120,140	91368,160	-91248,020
1334+0,00	0,000	4,110	0,000	81,250	120,140	91449,410	-91329,270
1335+0,00	0,000	3,700	0,000	78,090	120,140	91527,510	-91407,370
1336+0,00	0,000	3,660	0,000	73,540	120,140	91601,050	-91480,910
1337+0,00	0,000	3,700	0,000	73,590	120,140	91674,650	-91554,510
1338+0,00	0,000	3,610	0,000	73,220	120,140	91747,860	-91627,720
1339+0,00	0,000	3,950	0,000	75,650	120,140	91823,510	-91703,370
1340+0,00	0,000	3,980	0,000	79,330	120,140	91902,840	-91782,700
1341+0,00	0,000	3,810	0,000	77,910	120,140	91980,750	-91860,610
1342+0,00	0,000	3,300	0,000	71,010	120,140	92051,760	-91931,620
1343+0,00	0,000	2,830	0,000	61,320	120,140	92113,080	-91992,940
1344+0,00	0,000	2,650	0,000	54,840	120,140	92167,920	-92047,780
1345+0,00	0,000	2,290	0,000	49,440	120,140	92217,360	-92097,220
1346+0,00	0,000	2,420	0,000	47,100	120,140	92264,450	-92144,310
1347+0,00	0,000	2,840	0,000	52,530	120,140	92316,980	-92196,840
1348+0,00	0,000	3,250	0,000	60,830	120,140	92377,810	-92257,670
1349+0,00	0,000	4,670	0,000	79,130	120,140	92456,940	-92336,800
1350+0,00	0,000	5,300	0,000	99,690	120,140	92556,630	-92436,490
1351+0,00	0,000	4,060	0,000	93,650	120,140	92650,280	-92530,140
1352+0,00	0,000	3,200	0,000	72,630	120,140	92722,910	-92602,770
1353+0,00	0,000	3,260	0,000	64,580	120,140	92787,500	-92667,360
1354+0,00	0,000	3,360	0,000	65,890	120,140	92853,380	-92733,240
1355+0,00	0,000	3,450	0,000	67,660	120,140	92921,040	-92800,900

Prefeitura Municipal de Sete Lagoas
Secretaria de Obras

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1356+0,00	0,000	3,310	0,000	67,630	120,140	92988,670	-92868,530
1357+0,00	0,000	3,000	0,000	63,140	120,140	93051,810	-92931,670
1358+0,00	0,000	3,420	0,000	64,240	120,140	93116,040	-92995,900
1359+0,00	0,000	3,520	0,000	69,380	120,140	93185,430	-93065,290
1360+0,00	0,000	3,610	0,000	71,320	120,140	93256,750	-93136,610
1361+0,00	0,000	3,520	0,000	71,310	120,140	93328,060	-93207,920
1362+0,00	0,000	3,570	0,000	70,430	120,140	93398,490	-93278,350
1363+0,00	0,000	3,440	0,000	70,310	120,140	93468,800	-93348,660
1364+0,00	0,000	3,700	0,000	71,440	120,140	93540,240	-93420,100
1365+0,00	0,000	3,080	0,000	67,850	120,140	93608,090	-93487,950
1366+0,00	0,000	3,100	0,000	61,830	120,140	93669,920	-93549,780
1367+0,00	0,000	3,560	0,000	66,610	120,140	93736,520	-93616,380
1368+0,00	0,000	3,460	0,000	70,170	120,140	93806,690	-93686,550
1369+0,00	0,000	3,490	0,000	69,500	120,140	93876,190	-93756,050
1370+0,00	0,000	3,490	0,000	69,870	120,140	93946,050	-93825,910
1371+0,00	0,000	3,350	0,000	68,390	120,140	94014,440	-93894,300
1372+0,00	0,000	3,250	0,000	65,950	120,140	94080,390	-93960,250
1373+0,00	0,000	3,540	0,000	67,840	120,140	94148,230	-94028,090
1374+0,00	0,000	3,520	0,000	70,530	120,140	94218,760	-94098,620
1375+0,00	0,000	3,430	0,000	69,440	120,140	94288,210	-94168,070
1376+0,00	0,000	3,470	0,000	68,960	120,140	94357,170	-94237,030
1377+0,00	0,000	3,870	0,000	73,400	120,140	94430,560	-94310,420
1378+0,00	0,000	4,210	0,000	80,810	120,140	94511,370	-94391,230
1379+0,00	0,000	3,070	0,000	72,880	120,140	94584,250	-94464,110
1380+0,00	0,000	3,020	0,000	60,910	120,140	94645,160	-94525,020
1381+0,00	0,000	3,000	0,000	60,210	120,140	94705,370	-94585,230
1382+0,00	0,000	2,940	0,000	59,410	120,140	94764,790	-94644,650
1383+0,00	0,000	3,050	0,000	59,840	120,140	94824,630	-94704,490
1384+0,00	0,000	3,220	0,000	62,710	120,140	94887,340	-94767,200
1385+0,00	0,000	1,380	0,030	46,070	120,170	94933,410	-94813,240
1386+0,00	0,340	0,220	3,460	16,020	123,630	94949,430	-94825,800
1387+0,00	0,280	0,190	6,230	4,100	129,860	94953,530	-94823,670
1388+0,00	0,000	0,910	2,840	11,010	132,690	94964,550	-94831,860
1389+0,00	0,000	1,840	0,040	27,480	132,740	94992,020	-94859,280
1390+0,00	0,000	3,120	0,000	49,620	132,740	95041,640	-94908,900
1391+0,00	0,000	3,250	0,000	63,780	132,740	95105,420	-94972,680
1392+0,00	0,000	3,260	0,000	65,180	132,740	95170,590	-95037,850
1393+0,00	0,000	4,590	0,000	78,500	132,740	95249,090	-95116,350
1394+0,00	0,000	4,130	0,000	87,000	132,740	95336,090	-95203,350
1395+0,00	0,000	3,580	0,000	76,780	132,740	95412,870	-95280,130
1396+0,00	0,000	2,700	0,000	62,400	132,740	95475,260	-95342,520
1397+0,00	0,000	2,060	0,000	47,570	132,740	95522,830	-95390,090
1398+0,00	0,000	2,190	0,000	42,490	132,740	95565,320	-95432,580
1399+0,00	0,000	3,360	0,000	55,490	132,740	95620,820	-95488,080
1400+0,00	0,000	3,500	0,000	68,530	132,740	95689,340	-95556,600
1401+0,00	0,000	3,490	0,000	69,890	132,740	95759,230	-95626,490
1402+0,00	0,000	3,610	0,000	70,890	132,740	95830,120	-95697,380
1403+0,00	0,000	3,820	0,000	74,230	132,740	95904,350	-95771,610
1404+0,00	0,000	3,880	0,000	76,920	132,740	95981,270	-95848,530
1405+0,00	0,000	3,740	0,000	76,190	132,740	96057,450	-95924,710
1406+0,00	0,000	3,360	0,000	71,030	132,740	96128,480	-95995,740
1407+0,00	0,000	3,890	0,000	72,540	132,740	96201,020	-96068,280
1408+0,00	0,000	5,750	0,000	96,490	132,740	96297,520	-96164,780
1409+0,00	0,000	4,880	0,000	106,360	132,740	96403,880	-96271,140
1410+0,00	0,000	3,700	0,000	85,830	132,740	96489,710	-96356,970
1411+0,00	0,000	3,010	0,000	67,140	132,740	96556,850	-96424,110
1412+0,00	0,000	3,150	0,000	61,600	132,740	96618,460	-96485,720
1413+0,00	0,000	3,190	0,000	63,340	132,740	96681,800	-96549,060
1414+0,00	0,000	2,560	0,000	57,410	132,740	96739,210	-96606,470
1415+0,00	0,000	3,050	0,000	56,010	132,740	96795,220	-96662,480
1416+0,00	0,000	3,270	0,000	63,180	132,740	96858,400	-96725,660
1417+0,00	0,000	3,130	0,000	63,980	132,740	96922,380	-96789,640
1418+0,00	0,000	3,350	0,000	64,710	132,740	96987,090	-96854,350
1419+0,00	0,000	2,930	0,000	62,780	132,740	97049,880	-96917,140
1420+0,00	0,000	2,380	0,000	53,140	132,740	97103,020	-96970,280

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1421+0,00	0,000	1,350	0,000	37,260	132,740	97140,280	-97007,540
1422+0,00	0,000	1,110	0,000	24,580	132,740	97164,860	-97032,120
1423+0,00	0,000	1,280	0,000	23,900	132,740	97188,760	-97056,020
1424+0,00	0,000	2,930	0,000	42,110	132,740	97230,870	-97098,130
1425+0,00	0,000	3,270	0,000	62,000	132,740	97292,870	-97160,130
1426+0,00	0,000	3,250	0,000	65,140	132,740	97358,000	-97225,260
1427+0,00	0,000	3,310	0,000	65,530	132,740	97423,540	-97290,800
1428+0,00	0,000	3,270	0,000	65,780	132,740	97489,320	-97356,580
1429+0,00	0,000	3,280	0,000	65,530	132,740	97554,860	-97422,120
1430+0,00	0,000	2,790	0,000	60,680	132,740	97615,530	-97482,790
1431+0,00	0,000	2,360	0,000	51,480	132,740	97667,010	-97534,270
1432+0,00	0,000	1,900	0,000	42,600	132,740	97709,620	-97576,880
1433+0,00	0,000	2,160	0,000	40,680	132,740	97750,300	-97617,560
1434+0,00	0,000	2,960	0,000	51,170	132,740	97801,470	-97668,730
1435+0,00	0,000	3,700	0,000	66,580	132,740	97868,060	-97735,320
1436+0,00	0,000	3,070	0,000	67,750	132,740	97935,810	-97803,070
1437+0,00	0,000	3,460	0,000	65,330	132,740	98001,140	-97868,400
1438+0,00	0,000	3,240	0,000	66,970	132,740	98068,110	-97935,370
1439+0,00	0,000	3,700	0,000	69,420	132,740	98137,530	-98004,790
1440+0,00	0,000	3,570	0,000	72,760	132,740	98210,290	-98077,550
1441+0,00	0,000	3,820	0,000	73,920	132,740	98284,200	-98151,460
1442+0,00	0,000	3,590	0,000	74,080	132,740	98358,280	-98225,540
1443+0,00	0,000	3,430	0,000	70,230	132,740	98428,510	-98295,770
1444+0,00	0,000	3,080	0,000	65,110	132,740	98493,620	-98360,880
1445+0,00	0,000	2,820	0,000	58,980	132,740	98552,600	-98419,860
1446+0,00	0,000	3,020	0,000	58,410	132,740	98611,010	-98478,270
1447+0,00	0,000	3,260	0,000	62,770	132,740	98673,780	-98541,040
1448+0,00	0,000	3,700	0,000	69,610	132,740	98743,390	-98610,650
1449+0,00	0,000	3,790	0,000	74,940	132,740	98818,330	-98685,590
1450+0,00	0,000	3,810	0,000	75,960	132,740	98894,290	-98761,550
1451+0,00	0,000	3,530	0,000	73,370	132,740	98967,660	-98834,920
1452+0,00	0,000	3,680	0,000	72,160	132,740	99039,820	-98907,080
1453+0,00	0,000	3,100	0,000	67,890	132,740	99107,710	-98974,970
1454+0,00	0,000	3,470	0,000	65,760	132,740	99173,470	-99040,730
1455+0,00	0,000	4,100	0,000	75,700	132,740	99249,170	-99116,430
1456+0,00	0,000	4,060	0,000	81,600	132,740	99330,770	-99198,030
1457+0,00	0,000	3,740	0,000	78,030	132,740	99408,800	-99276,060
1458+0,00	0,000	4,150	0,000	78,940	132,740	99487,740	-99355,000
1459+0,00	0,000	3,990	0,000	81,430	132,740	99569,170	-99436,430
1460+0,00	0,000	3,830	0,000	78,180	132,740	99647,350	-99514,610
1461+0,00	0,000	5,080	0,000	89,090	132,740	99736,440	-99603,700
1462+0,00	0,000	6,350	0,000	114,300	132,740	99850,740	-99718,000
1463+0,00	0,000	6,230	0,000	125,810	132,740	99976,550	-99843,810
1464+0,00	0,000	4,570	0,000	107,970	132,740	100084,520	-99951,780
1465+0,00	0,000	3,490	0,000	80,530	132,740	100165,050	-100032,310
1466+0,00	0,000	3,390	0,000	68,780	132,740	100233,830	-100101,090
1467+0,00	0,000	3,540	0,000	69,300	132,740	100303,130	-100170,390
1468+0,00	0,000	3,520	0,000	70,580	132,740	100373,720	-100240,980
1469+0,00	0,000	3,130	0,000	66,540	132,740	100440,250	-100307,510
1470+0,00	0,000	3,500	0,000	66,370	132,740	100506,620	-100373,880
1471+0,00	0,000	2,990	0,000	64,930	132,740	100571,550	-100438,810
1472+0,00	0,000	3,500	0,000	64,930	132,740	100636,480	-100503,740
1473+0,00	0,000	3,750	0,000	72,520	132,740	100709,000	-100576,260
1474+0,00	0,000	5,520	0,000	92,660	132,740	100801,660	-100668,920
1475+0,00	0,000	5,740	0,000	112,570	132,740	100914,230	-100781,490
1476+0,00	0,000	3,380	0,000	91,200	132,740	101005,430	-100872,690
1477+0,00	0,000	3,160	0,000	65,380	132,740	101070,810	-100938,070
1478+0,00	0,000	3,160	0,000	63,160	132,740	101133,970	-101001,230
1479+0,00	0,000	3,150	0,000	63,140	132,740	101197,110	-101064,370
1480+0,00	0,000	2,810	0,000	59,650	132,740	101256,760	-101124,020
1481+0,00	0,000	3,300	0,000	61,090	132,740	101317,850	-101185,110
1482+0,00	0,000	3,330	0,010	66,290	132,740	101384,140	-101251,400
1483+0,00	0,000	4,050	0,010	73,780	132,750	101457,930	-101325,180
1484+0,00	0,000	3,270	0,000	73,200	132,750	101531,120	-101398,370
1485+0,00	0,000	4,380	0,000	76,500	132,750	101607,630	-101474,880

Aval da Licença da Sub

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1486+0,00	0,000	3,640	0,000	80,140	132,750	101687,770	-101555,020
1487+0,00	0,000	4,360	0,000	79,940	132,750	101767,700	-101634,950
1488+0,00	0,000	3,720	0,000	80,730	132,750	101848,430	-101715,680
1489+0,00	0,000	2,950	0,000	66,610	132,750	101915,040	-101782,290
1490+0,00	0,000	0,000	0,000	29,450	132,750	101944,500	-101811,750
1491+0,00	0,000	1,940	0,000	19,370	132,750	101963,860	-101831,110
1492+0,00	0,000	3,460	0,000	53,930	132,750	102017,800	-101885,050
1493+0,00	0,000	3,520	0,000	69,790	132,750	102087,590	-101954,840
1494+0,00	0,000	2,960	0,000	64,830	132,750	102152,420	-102019,670
1495+0,00	0,000	2,520	0,000	54,790	132,750	102207,210	-102074,460
1496+0,00	0,000	3,330	0,000	58,420	132,750	102265,630	-102132,880
1497+0,00	0,000	3,360	0,000	66,810	132,750	102332,440	-102199,690
1498+0,00	0,000	3,270	0,000	66,220	132,750	102398,670	-102265,920
1499+0,00	0,000	3,230	0,000	64,950	132,750	102463,610	-102330,860
1500+0,00	0,000	3,140	0,000	63,790	132,750	102527,400	-102394,650
1501+0,00	0,000	3,000	0,000	61,480	132,750	102588,870	-102456,120
1502+0,00	0,000	3,120	0,000	61,270	132,750	102650,140	-102517,390
1503+0,00	0,000	3,260	0,000	63,870	132,750	102714,010	-102581,260
1504+0,00	0,000	3,050	0,000	63,090	132,750	102777,100	-102644,350
1505+0,00	0,000	3,540	0,000	65,840	132,750	102842,950	-102710,200
1506+0,00	0,000	3,510	0,000	70,530	132,750	102913,480	-102780,730
1507+0,00	0,000	3,550	0,000	70,620	132,750	102984,090	-102851,340
1508+0,00	0,000	3,390	0,000	69,320	132,750	103053,420	-102920,670
1509+0,00	0,000	3,490	0,000	68,750	132,750	103122,160	-102989,410
1510+0,00	0,000	4,280	0,000	77,710	132,750	103199,870	-103067,120
1511+0,00	0,000	3,440	0,000	77,210	132,750	103277,080	-103144,330
1512+0,00	0,000	4,000	0,000	74,350	132,750	103351,430	-103218,680
1513+0,00	0,000	4,330	0,000	83,280	132,750	103434,710	-103301,960
1514+0,00	0,000	3,860	0,000	81,920	132,750	103516,620	-103383,870
1515+0,00	0,000	3,220	0,000	70,770	132,750	103587,390	-103454,640
1516+0,00	0,000	3,380	0,000	65,970	132,750	103653,360	-103520,610
1517+0,00	0,160	3,980	1,560	73,570	134,310	103726,930	-103592,620
1518+0,00	0,170	2,600	3,080	66,040	137,390	103792,970	-103655,580
1519+0,00	0,000	3,830	1,690	64,350	139,080	103857,320	-103718,240
1520+0,00	0,000	3,690	0,000	75,270	139,080	103932,600	-103793,520
1521+0,00	0,000	3,660	0,000	73,440	139,080	104006,030	-103866,950
1522+0,00	0,000	2,760	0,000	64,410	139,080	104070,440	-103931,360
1523+0,00	0,000	3,370	0,000	61,250	139,080	104131,690	-103992,610
1524+0,00	0,000	3,790	0,000	71,610	139,080	104203,310	-104064,230
1525+0,00	0,000	4,320	0,000	81,030	139,080	104284,340	-104145,260
1526+0,00	0,000	4,280	0,000	85,990	139,080	104370,330	-104231,250
1527+0,00	0,000	3,250	0,000	75,260	139,080	104445,590	-104306,510
1528+0,00	0,000	2,610	0,000	58,550	139,080	104504,150	-104365,070
1529+0,00	0,000	3,080	0,000	56,930	139,080	104561,070	-104421,990
1530+0,00	0,000	3,430	0,000	65,120	139,080	104626,190	-104487,110
1531+0,00	0,000	3,440	0,000	68,700	139,080	104694,890	-104555,810
1532+0,00	0,000	3,480	0,000	69,160	139,080	104764,050	-104624,970
1533+0,00	0,000	3,280	0,000	67,630	139,080	104831,680	-104692,600
1534+0,00	0,000	4,460	0,000	77,410	139,080	104909,090	-104770,010
1535+0,00	0,000	3,880	0,000	83,470	139,080	104992,550	-104853,470
1536+0,00	0,000	3,040	0,000	69,160	139,080	105061,720	-104922,640
1537+0,00	0,010	2,750	0,080	58,070	139,160	105119,780	-104980,620
1538+0,00	0,000	2,800	0,090	55,540	139,250	105175,320	-105036,070
1539+0,00	0,000	4,980	0,000	77,710	139,250	105253,030	-105113,780
1540+0,00	0,000	4,400	0,000	93,590	139,250	105346,620	-105207,370
1541+0,00	0,000	3,790	0,000	81,830	139,250	105428,440	-105289,190
1542+0,00	0,000	2,980	0,000	67,530	139,250	105495,980	-105356,730
1543+0,00	0,000	3,180	0,000	61,560	139,250	105557,540	-105418,290
1544+0,00	0,000	3,000	0,000	61,820	139,250	105619,360	-105480,110
1545+0,00	0,000	3,360	0,000	63,240	139,250	105682,600	-105543,350
1546+0,00	0,000	3,900	0,000	72,510	139,250	105755,110	-105615,860
1547+0,00	0,000	3,540	0,000	74,410	139,250	105829,530	-105690,280
1548+0,00	0,000	2,940	0,000	64,790	139,250	105894,310	-105755,060
1549+0,00	0,000	2,120	0,000	50,550	139,250	105944,860	-105805,610
1550+0,00	0,000	2,380	0,000	44,980	139,250	105989,840	-105850,590

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1551+0,00	0,000	3,290	0,000	55,640	139,250	106046,480	-105907,230
1552+0,00	0,000	3,350	0,000	66,340	139,250	106112,820	-105973,570
1553+0,00	0,000	3,350	0,000	67,030	139,250	106179,850	-106040,600
1554+0,00	0,000	3,680	0,000	70,330	139,250	106250,180	-106110,930
1555+0,00	0,000	3,560	0,000	72,340	139,250	106322,519	-106183,260
1556+0,00	0,000	3,340	0,000	68,930	139,250	106391,440	-106252,190
1557+0,00	0,000	3,310	0,000	66,470	139,250	106457,920	-106318,670
1558+0,00	0,000	3,270	0,000	65,720	139,250	106523,630	-106384,380
1559+0,00	0,000	3,220	0,000	64,870	139,250	106588,500	-106449,250
1560+0,00	0,000	3,190	0,000	64,130	139,250	106652,630	-106513,380
1561+0,00	0,000	3,770	0,000	69,640	139,250	106722,270	-106583,020
1562+0,00	0,000	3,140	0,000	69,120	139,250	106791,390	-106652,140
1563+0,00	0,000	3,150	0,000	62,890	139,250	106854,280	-106715,030
1564+0,00	0,000	3,230	0,000	63,750	139,250	106918,030	-106778,780
1565+0,00	0,000	1,790	0,000	50,200	139,250	106968,230	-106828,980
1566+0,00	0,570	0,520	5,700	23,110	144,950	106991,350	-106846,400
1567+0,00	0,060	1,250	6,280	17,720	151,230	107009,070	-106857,840
1568+0,00	0,000	3,760	0,580	50,070	151,800	107059,140	-106907,340
1569+0,00	0,000	3,970	0,000	77,290	151,800	107136,430	-106984,630
1570+0,00	0,000	3,210	0,000	71,810	151,800	107208,240	-107056,440
1571+0,00	0,000	3,430	0,000	66,440	151,800	107274,670	-107122,870
1572+0,00	0,000	3,510	0,000	69,380	151,800	107344,060	-107192,260
1573+0,00	0,000	3,950	0,000	74,110	151,800	107418,160	-107266,360
1574+0,00	0,000	3,610	0,000	75,560	151,800	107493,720	-107341,920
1575+0,00	0,000	0,000	0,000	36,100	151,800	107529,820	-107378,020
1576+0,00	0,000	3,490	0,000	34,900	151,800	107564,720	-107412,920
1577+0,00	0,000	3,140	0,000	66,320	151,800	107631,040	-107479,240
1578+0,00	0,000	3,940	0,000	70,990	151,800	107702,030	-107550,230
1579+0,00	0,000	2,770	0,000	67,080	151,800	107769,110	-107617,310
1580+0,00	0,000	3,350	0,000	61,130	151,800	107830,250	-107678,450
1581+0,00	0,000	2,320	0,000	56,680	151,800	107886,920	-107735,120
1582+0,00	0,000	3,160	0,000	54,850	151,800	107941,770	-107789,970
1583+0,00	0,000	2,750	0,000	59,160	151,800	108000,930	-107849,130
1584+0,00	0,000	2,530	0,000	52,880	151,800	108053,810	-107902,010
1585+0,00	0,000	2,760	0,000	52,910	151,800	108106,710	-107954,910
1586+0,00	0,000	3,020	0,000	57,780	151,800	108164,490	-108012,690
1587+0,00	0,000	3,240	0,000	62,640	151,800	108227,140	-108075,340
1588+0,00	0,000	3,110	0,000	63,490	151,800	108290,630	-108138,830
1589+0,00	0,000	3,780	0,000	68,870	151,800	108359,500	-108207,700
1590+0,00	0,000	3,280	0,000	70,570	151,800	108430,070	-108278,270
1591+0,00	0,000	3,190	0,000	64,680	151,800	108494,750	-108342,950
1592+0,00	0,000	3,150	0,000	63,430	151,800	108558,180	-108406,380
1593+0,00	0,000	3,290	0,000	64,380	151,800	108622,560	-108470,760
1594+0,00	0,000	3,360	0,000	66,470	151,800	108689,030	-108537,230
1595+0,00	0,000	3,350	0,000	67,080	151,800	108756,110	-108604,310
1596+0,00	0,000	3,150	0,000	64,960	151,800	108821,070	-108669,270
1597+0,00	0,010	3,320	0,070	64,730	151,870	108885,790	-108733,920
1598+0,00	0,000	3,390	0,070	67,130	151,950	108952,920	-108800,970
1599+0,00	0,000	3,430	0,000	68,170	151,950	109021,090	-108869,140
1600+0,00	0,000	3,440	0,000	68,710	151,950	109089,800	-108937,850
1601+0,00	0,000	4,330	0,000	77,740	151,950	109167,540	-109015,590
1602+0,00	0,000	4,780	0,000	91,100	151,950	109258,640	-109106,690
1603+0,00	0,000	5,470	0,000	102,470	151,950	109361,110	-109209,160
1604+0,00	0,000	5,550	0,000	110,230	151,950	109471,340	-109319,390
1605+0,00	0,000	5,330	0,000	108,810	151,950	109580,140	-109428,190
1606+0,00	0,010	4,040	0,050	93,640	152,000	109673,780	-109521,780
1607+0,00	0,000	3,600	0,050	76,400	152,050	109750,180	-109598,130
1608+0,00	0,000	3,590	0,000	71,900	152,050	109822,080	-109670,030
1609+0,00	0,000	3,650	0,000	72,400	152,050	109894,480	-109742,430
1610+0,00	0,000	3,970	0,000	76,260	152,050	109970,740	-109818,690
1611+0,00	0,000	3,580	0,000	75,550	152,050	110046,290	-109894,240
1612+0,00	0,000	3,560	0,000	71,420	152,050	110117,710	-109965,660
1613+0,00	0,000	4,110	0,000	76,650	152,050	110194,350	-110042,300
1614+0,00	0,000	3,470	0,000	75,720	152,050	110270,070	-110118,020
1615+0,00	0,000	3,270	0,000	67,310	152,050	110337,380	-110185,330

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1616+0,00	0,000	3,360	0,000	66,210	152,050	110403,590	-110251,540
1617+0,00	0,000	4,710	0,000	80,650	152,050	110484,230	-110332,180
1618+0,00	0,000	5,780	0,000	104,860	152,050	110589,090	-110437,040
1619+0,00	0,000	6,110	0,000	118,870	152,050	110707,960	-110555,910
1620+0,00	0,000	6,870	0,000	129,790	152,050	110837,760	-110685,710
1621+0,00	0,000	7,530	0,000	143,970	152,050	110981,730	-110829,680
1622+0,00	0,000	7,870	0,000	154,030	152,050	111135,760	-110983,710
1623+0,00	0,000	7,750	0,000	156,200	152,050	111291,960	-111139,910
1624+0,00	0,000	7,300	0,000	150,500	152,050	111442,470	-111290,420
1625+0,00	0,000	6,980	0,000	142,860	152,050	111585,330	-111433,280
1626+0,00	0,000	6,010	0,000	129,960	152,050	111715,290	-111563,240
1627+0,00	0,000	5,270	0,000	112,830	152,050	111828,120	-111676,070
1628+0,00	0,000	4,700	0,000	99,680	152,050	111927,790	-111775,740
1629+0,00	0,000	4,470	0,000	91,730	152,050	112019,520	-111867,470
1630+0,00	0,000	4,340	0,000	88,150	152,050	112107,680	-111955,630
1631+0,00	0,000	3,940	0,000	82,870	152,050	112190,550	-112038,500
1632+0,00	0,000	3,220	0,000	71,620	152,050	112262,170	-112110,120
1633+0,00	0,000	3,130	0,000	63,510	152,050	112325,690	-112173,640
1634+0,00	0,000	2,730	0,000	58,570	152,050	112384,260	-112232,210
1635+0,00	0,000	2,500	0,000	52,210	152,050	112436,460	-112284,410
1636+0,00	0,000	2,490	0,000	49,810	152,050	112486,270	-112334,220
1637+0,00	0,000	3,210	0,000	56,950	152,050	112543,220	-112391,170
1638+0,00	0,000	3,070	0,000	62,800	152,050	112606,020	-112453,970
1639+0,00	0,000	3,540	0,000	66,050	152,050	112672,070	-112520,020
1640+0,00	0,000	3,520	0,000	70,570	152,050	112742,640	-112590,590
1641+0,00	0,000	3,240	0,000	67,640	152,050	112810,280	-112658,230
1642+0,00	0,000	2,860	0,000	61,060	152,050	112871,340	-112719,290
1643+0,00	0,000	2,400	0,000	52,590	152,050	112923,930	-112771,880
1644+0,00	0,000	1,360	0,000	37,540	152,050	112961,470	-112809,420
1645+0,00	0,350	0,000	3,540	13,570	155,590	112975,050	-112819,460
1646+0,00	0,560	0,000	9,110	0,000	164,700	112975,050	-112810,350
1647+0,00	0,680	0,000	12,390	0,000	177,100	112975,050	-112797,950
1648+0,00	0,150	0,060	8,360	0,580	185,460	112975,630	-112790,170
1649+0,00	0,000	0,860	1,540	9,200	187,000	112984,830	-112797,830
1650+0,00	0,000	1,740	0,000	25,980	187,000	113010,810	-112823,810
1651+0,00	0,000	2,520	0,000	42,590	187,000	113053,400	-112866,400
1652+0,00	0,000	3,010	0,000	55,340	187,000	113108,740	-112921,740
1653+0,00	0,000	2,080	0,000	50,930	187,000	113159,660	-112972,660
1654+0,00	0,000	2,690	0,000	47,750	187,000	113207,410	-113020,410
1655+0,00	0,000	3,170	0,000	58,610	187,000	113266,030	-113079,030
1656+0,00	0,000	3,250	0,000	64,150	187,000	113330,180	-113143,180
1657+0,00	0,000	2,300	0,000	55,500	187,000	113385,680	-113198,680
1658+0,00	0,000	2,060	0,000	43,630	187,000	113429,300	-113242,300
1659+0,00	0,000	3,310	0,000	53,730	187,000	113483,030	-113296,030
1660+0,00	0,000	3,170	0,000	64,830	187,000	113547,860	-113360,860
1661+0,00	0,000	3,120	0,000	62,910	187,000	113610,770	-113423,770
1662+0,00	0,000	3,340	0,000	64,610	187,000	113675,370	-113488,370
1663+0,00	0,000	3,390	0,000	67,270	187,000	113742,640	-113555,640
1664+0,00	0,000	3,540	0,000	69,280	187,000	113811,920	-113624,920
1665+0,00	0,000	3,540	0,000	70,800	187,000	113882,730	-113695,730
1666+0,00	0,000	4,010	0,000	75,460	187,000	113958,190	-113771,190
1667+0,00	0,000	3,820	0,000	78,340	187,000	114036,540	-113849,540
1668+0,00	0,000	4,640	0,000	84,650	187,000	114121,190	-113934,190
1669+0,00	0,000	5,980	0,000	106,250	187,000	114227,440	-114040,440
1670+0,00	0,000	7,040	0,000	130,180	187,000	114357,620	-114170,620
1671+0,00	0,000	8,340	0,000	153,710	187,000	114511,340	-114324,340
1672+0,00	0,000	8,480	0,000	168,170	187,000	114679,500	-114492,500
1673+0,00	0,000	8,490	0,000	169,670	187,000	114849,170	-114662,170
1674+0,00	0,000	8,410	0,000	168,930	187,000	115018,100	-114831,100
1675+0,00	0,000	8,500	0,000	169,020	187,000	115187,120	-115000,120
1676+0,00	0,000	5,720	0,000	142,160	187,000	115329,280	-115142,280
1677+0,00	0,000	3,530	0,000	92,510	187,000	115421,780	-115234,780
1678+0,00	0,000	3,380	0,000	69,080	187,000	115490,860	-115303,860
1679+0,00	0,000	3,370	0,000	67,490	187,000	115558,360	-115371,360
1680+0,00	0,000	3,030	0,000	64,020	187,000	115622,380	-115435,380

Osvaldo Leoncio da Silva
Diretor de Projetos
Projetos Gerais
Secretaria de Obras

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1681+0,00	0,000	3,180	0,000	62,060	187,000	115684,440	-115497,440
1682+0,00	0,000	2,930	0,000	61,080	187,000	115745,520	-115558,520
1683+0,00	0,000	2,180	0,000	51,070	187,000	115796,580	-115609,580
1684+0,00	0,000	1,930	0,000	41,040	187,000	115837,630	-115650,630
1685+0,00	0,000	1,840	0,000	37,680	187,000	115875,310	-115688,310
1686+0,00	0,000	2,430	0,000	42,740	187,000	115918,060	-115731,060
1687+0,00	0,000	3,240	0,020	56,720	187,020	115974,780	-115787,760
1688+0,00	0,000	3,260	0,020	65,020	187,040	116039,790	-115852,750
1689+0,00	0,000	3,330	0,000	65,930	187,040	116105,730	-115918,690
1690+0,00	0,000	3,400	0,010	67,240	187,040	116172,970	-115985,930
1691+0,00	0,000	3,350	0,010	67,460	187,050	116240,440	-116053,390
1692+0,00	0,000	3,310	0,000	66,740	187,050	116307,170	-116120,120
1693+0,00	0,000	3,330	0,000	66,490	187,050	116373,660	-116186,610
1694+0,00	0,000	2,950	0,000	62,860	187,050	116436,520	-116249,470
1695+0,00	0,000	1,770	0,010	47,170	187,060	116483,690	-116296,630
1696+0,00	0,000	0,830	0,010	26,050	187,070	116509,740	-116322,670
1697+0,00	0,010	0,400	0,080	12,380	187,150	116522,120	-116334,970
1698+0,00	0,000	1,150	0,080	15,550	187,230	116537,670	-116350,440
1699+0,00	0,000	1,540	0,000	26,950	187,230	116564,610	-116377,380
1700+0,00	0,000	0,910	0,010	24,560	187,240	116589,180	-116401,940
1701+0,00	0,000	2,810	0,010	37,180	187,250	116626,360	-116439,110
1702+0,00	0,000	2,910	0,000	57,200	187,250	116683,560	-116496,310
1703+0,00	0,000	3,100	0,000	60,120	187,250	116743,690	-116556,440
1704+0,00	0,000	3,070	0,000	61,690	187,250	116805,380	-116618,130
1705+0,00	0,000	3,250	0,000	63,170	187,250	116868,550	-116681,300
1706+0,00	0,000	3,370	0,000	66,160	187,250	116934,710	-116747,460
1707+0,00	0,000	3,290	0,000	66,640	187,250	117001,350	-116814,100
1708+0,00	0,000	3,030	0,000	63,260	187,250	117064,610	-116877,360
1709+0,00	0,000	3,300	0,000	63,360	187,250	117127,970	-116940,720
1710+0,00	0,000	2,720	0,000	60,210	187,250	117188,180	-117000,930
1711+0,00	0,000	3,290	0,000	60,120	187,250	117248,300	-117061,050
1712+0,00	0,000	3,480	0,000	67,760	187,250	117316,070	-117128,820
1713+0,00	0,000	3,200	0,000	66,840	187,250	117382,910	-117195,660
1714+0,00	0,000	2,960	0,000	61,670	187,250	117444,570	-117257,320
1715+0,00	0,000	3,260	0,000	62,230	187,250	117506,800	-117319,550
1716+0,00	0,000	3,460	0,000	67,170	187,250	117573,970	-117386,720
1717+0,00	0,000	3,460	0,000	69,180	187,250	117643,150	-117455,900
1718+0,00	0,000	4,290	0,000	77,460	187,250	117720,610	-117533,360
1719+0,00	0,000	3,380	0,000	76,660	187,250	117797,270	-117610,020
1720+0,00	0,000	3,350	0,000	67,380	187,250	117864,650	-117677,400
1721+0,00	0,000	3,800	0,000	71,390	187,250	117936,050	-117748,800
1722+0,00	0,000	4,090	0,000	78,950	187,250	118015,000	-117827,750
1723+0,00	0,000	4,060	0,000	81,450	187,250	118096,450	-117909,200
1724+0,00	0,000	3,380	0,000	74,320	187,250	118170,770	-117983,520
1725+0,00	0,000	3,130	0,000	65,080	187,250	118235,850	-118048,600
1726+0,00	0,000	3,400	0,000	65,330	187,250	118301,170	-118113,920
1727+0,00	0,000	3,440	0,000	68,420	187,250	118369,600	-118182,350
1728+0,00	0,000	3,790	0,000	72,340	187,250	118441,930	-118254,680
1729+0,00	0,000	4,170	0,000	79,640	187,250	118521,570	-118334,320
1730+0,00	0,000	3,620	0,000	77,910	187,250	118599,490	-118412,240
1731+0,00	0,000	4,040	0,000	76,590	187,250	118676,070	-118488,820
1732+0,00	0,000	4,590	0,000	86,270	187,250	118762,340	-118575,090
1733+0,00	0,000	4,790	0,000	93,790	187,250	118856,130	-118668,880
1734+0,00	0,000	4,600	0,000	93,930	187,250	118950,060	-118762,810
1735+0,00	0,000	3,470	0,000	80,700	187,250	119030,760	-118843,510
1736+0,00	0,000	3,100	0,000	65,650	187,250	119096,410	-118909,160
1737+0,00	0,000	3,130	0,000	62,250	187,250	119158,660	-118971,410
1738+0,00	0,000	3,110	0,000	62,350	187,250	119221,010	-119033,760
1739+0,00	0,000	2,880	0,000	59,900	187,250	119280,910	-119093,660
1740+0,00	0,000	3,210	0,000	60,940	187,250	119341,850	-119154,600
1741+0,00	0,000	3,740	0,000	69,490	187,250	119411,340	-119224,090
1742+0,00	0,000	3,450	0,000	71,820	187,250	119483,160	-119295,910
1743+0,00	0,000	3,260	0,000	67,110	187,250	119550,280	-119363,030
1744+0,00	0,000	3,160	0,000	64,210	187,250	119614,490	-119427,240
1745+0,00	0,000	3,160	0,000	63,180	187,250	119677,660	-119490,410

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1746+0,00	0,000	3,130	0,030	62,880	187,280	119740,540	-119553,260
1747+0,00	0,000	3,200	0,030	63,230	187,310	119803,770	-119616,460
1748+0,00	0,000	3,120	0,000	63,050	187,310	119866,820	-119679,510
1749+0,00	0,000	3,030	0,000	61,580	187,310	119928,400	-119741,090
1750+0,00	0,000	3,000	0,000	60,340	187,310	119988,740	-119801,430
1751+0,00	0,000	3,120	0,000	61,180	187,310	120049,920	-119862,610
1752+0,00	0,000	2,970	0,000	60,960	187,310	120110,880	-119923,570
1753+0,00	0,000	2,980	0,000	59,480	187,310	120170,360	-119983,050
1754+0,00	0,000	3,050	0,000	60,250	187,310	120230,610	-120043,300
1755+0,00	0,000	3,100	0,000	61,520	187,310	120292,130	-120104,820
1756+0,00	0,000	3,110	0,000	62,100	187,310	120354,230	-120166,920
1757+0,00	0,000	3,240	0,000	63,490	187,310	120417,720	-120230,410
1758+0,00	0,000	3,440	0,000	66,660	187,310	120484,380	-120297,070
1759+0,00	0,000	3,710	0,000	71,390	187,310	120555,770	-120368,460
1760+0,00	0,000	2,900	0,000	66,080	187,310	120621,850	-120434,540
1761+0,00	0,000	1,570	0,000	44,740	187,310	120666,590	-120479,280
1762+0,00	0,310	0,000	3,070	15,720	190,380	120682,310	-120491,930
1763+0,00	0,440	0,000	7,470	0,000	197,850	120682,310	-120484,460
1764+0,00	0,030	0,170	4,680	1,700	202,530	120684,020	-120481,490
1765+0,00	0,000	1,000	0,280	11,720	202,810	120695,730	-120492,920
1766+0,00	0,000	1,820	0,000	28,240	202,810	120723,970	-120521,160
1767+0,00	0,000	2,540	0,000	43,570	202,810	120767,550	-120564,740
1768+0,00	0,000	3,030	0,000	55,700	202,810	120823,240	-120620,430
1769+0,00	0,000	2,980	0,000	60,140	202,810	120883,390	-120680,580
1770+0,00	0,000	2,580	0,000	55,630	202,810	120939,020	-120736,210
1771+0,00	0,000	2,090	0,000	46,720	202,810	120985,730	-120782,920
1772+0,00	0,000	1,500	0,000	35,870	202,810	121021,600	-120818,790
1773+0,00	0,010	0,710	0,100	22,080	202,910	121043,680	-120840,770
1774+0,00	0,000	2,080	0,100	27,840	203,000	121071,530	-120868,530
1775+0,00	0,000	3,160	0,000	52,370	203,000	121123,900	-120920,900
1776+0,00	0,020	3,250	0,150	64,000	203,150	121187,900	-120984,750
1777+0,00	0,000	3,480	0,150	67,080	203,310	121254,980	-121051,670
1778+0,00	0,000	3,350	0,010	68,240	203,310	121323,220	-121119,910
1779+0,00	0,000	3,300	0,000	66,430	203,310	121389,660	-121186,350
1780+0,00	0,000	3,150	0,000	64,430	203,310	121454,090	-121250,780
1781+0,00	0,000	2,990	0,000	61,410	203,310	121515,500	-121312,190
1782+0,00	0,000	2,630	0,000	56,150	203,310	121571,660	-121368,350
1783+0,00	0,000	3,250	0,000	58,610	203,310	121630,270	-121426,960
1784+0,00	0,000	3,190	0,000	64,370	203,310	121694,640	-121491,330
1785+0,00	0,000	3,270	0,000	64,610	203,310	121759,240	-121555,930
1786+0,00	0,000	3,370	0,000	66,530	203,310	121825,770	-121622,460
1787+0,00	0,000	3,990	0,000	73,610	203,310	121899,380	-121696,070
1788+0,00	0,000	4,310	0,000	83,020	203,310	121982,400	-121779,090
1789+0,00	0,000	4,580	0,000	88,890	203,310	122071,290	-121867,980
1790+0,00	0,000	4,540	0,000	91,150	203,310	122162,440	-121959,130
1791+0,00	0,000	3,460	0,000	79,970	203,310	122242,420	-122039,110
1792+0,00	0,000	3,460	0,000	69,220	203,310	122311,640	-122108,330
1793+0,00	0,000	3,160	0,000	66,180	203,310	122377,820	-122174,510
1794+0,00	0,000	3,410	0,000	65,640	203,310	122443,460	-122240,150
1795+0,00	0,000	3,590	0,000	70,030	203,310	122513,490	-122310,180
1796+0,00	0,000	3,770	0,000	73,670	203,310	122587,160	-122383,850
1797+0,00	0,000	3,790	0,000	75,620	203,310	122662,770	-122459,460
1798+0,00	0,000	3,790	0,000	75,850	203,310	122738,620	-122535,310
1799+0,00	0,000	3,250	0,000	70,420	203,310	122809,040	-122605,730
1800+0,00	0,000	2,870	0,000	61,750	203,310	122870,790	-122667,480
1801+0,00	0,010	0,000	0,090	28,740	203,410	122899,530	-122696,120
1802+0,00	0,000	2,530	0,090	25,280	203,500	122924,810	-122721,310
1803+0,00	0,000	3,260	0,000	57,920	203,500	122982,730	-122779,230
1804+0,00	0,000	3,900	0,000	71,630	203,500	123054,360	-122850,860
1805+0,00	0,000	3,950	0,000	78,280	203,500	123132,640	-122929,140
1806+0,00	0,000	4,120	0,000	80,140	203,500	123212,780	-123009,280
1807+0,00	0,000	3,420	0,000	75,600	203,500	123288,380	-123084,880
1808+0,00	0,000	3,110	0,000	65,360	203,500	123353,740	-123150,240
1809+0,00	0,000	3,430	0,000	65,410	203,500	123419,140	-123215,640
1810+0,00	0,000	3,210	0,000	65,890	203,500	123485,030	-123281,530

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1811+0,00	0,000	1,850	0,000	50,680	203,500	123535,720	-123332,220
1812+0,00	0,950	0,270	9,490	21,230	212,980	123556,940	-123343,960
1813+0,00	1,250	0,070	21,970	3,420	234,950	123560,360	-123325,410
1814+0,00	0,000	2,320	12,510	23,860	247,460	123584,230	-123336,770
1815+0,00	0,000	2,770	0,000	50,920	247,460	123635,150	-123387,690
1816+0,00	0,000	2,730	0,000	54,950	247,460	123690,100	-123442,640
1817+0,00	0,000	2,780	0,000	55,100	247,460	123745,200	-123497,740
1818+0,00	0,000	2,890	0,030	56,980	247,490	123802,180	-123554,690
1819+0,00	0,410	0,750	4,110	36,390	251,600	123838,570	-123586,970
1820+0,00	0,100	1,370	5,100	21,190	256,700	123859,760	-123603,060
1821+0,00	0,000	3,090	1,020	44,650	257,720	123904,400	-123646,680
1822+0,00	0,060	1,840	0,600	49,300	258,320	123953,710	-123695,390
1823+0,00	0,000	2,220	0,610	40,620	258,940	123994,320	-123735,380
1824+0,00	0,000	3,180	0,010	54,050	258,950	124048,370	-123789,420
1825+0,00	0,000	4,460	0,000	76,360	258,950	124124,730	-123865,780
1826+0,00	0,000	4,350	0,000	88,040	258,950	124212,770	-123953,820
1827+0,00	0,000	3,300	0,000	76,450	258,950	124289,220	-124030,270
1828+0,00	0,000	2,950	0,000	62,480	258,950	124351,710	-124092,760
1829+0,00	0,000	2,820	0,000	57,720	258,950	124409,430	-124150,480
1830+0,00	0,000	3,430	0,000	62,570	258,950	124471,990	-124213,040
1831+0,00	0,000	0,000	0,000	34,350	258,950	124506,340	-124247,390
1832+0,00	0,000	3,530	0,000	35,330	258,950	124541,670	-124282,720
1833+0,00	0,000	3,430	0,000	69,680	258,950	124611,350	-124352,400
1834+0,00	0,000	3,380	0,000	68,130	258,950	124679,480	-124420,530
1835+0,00	0,000	3,390	0,000	67,690	258,950	124747,170	-124488,220
1836+0,00	0,010	2,760	0,130	61,550	259,080	124808,720	-124549,640
1837+0,00	0,110	2,080	1,270	48,440	260,350	124857,160	-124596,810
1838+0,00	0,000	1,250	1,140	33,270	261,490	124890,420	-124628,930
1839+0,00	0,210	1,580	2,100	28,270	263,590	124918,690	-124655,100
1840+0,00	0,000	3,520	2,100	51,030	265,690	124969,720	-124704,030
1841+0,00	0,000	3,800	0,000	73,220	265,690	125042,930	-124777,240
1842+0,00	0,000	3,730	0,000	75,280	265,690	125118,220	-124852,530
1843+0,00	0,000	3,630	0,000	73,560	265,690	125191,780	-124926,090
1844+0,00	0,000	3,450	0,000	70,780	265,690	125262,560	-124996,870
1845+0,00	0,000	3,450	0,000	69,010	265,690	125331,570	-125065,880
1846+0,00	0,000	3,330	0,000	67,770	265,690	125399,340	-125133,650
1847+0,00	0,000	3,580	0,000	69,090	265,690	125468,430	-125202,740
1848+0,00	0,000	3,200	0,000	67,850	265,690	125536,280	-125270,590
1849+0,00	0,000	3,340	0,000	65,390	265,690	125601,660	-125335,970
1850+0,00	0,000	3,490	0,000	68,410	265,690	125670,070	-125404,380
1851+0,00	0,000	3,470	0,000	69,610	265,690	125739,680	-125473,990
1852+0,00	0,000	3,380	0,000	68,510	265,690	125808,190	-125542,500
1853+0,00	0,000	0,000	0,000	33,840	265,690	125842,030	-125576,340
1854+0,00	0,000	2,760	0,000	27,570	265,690	125869,600	-125603,910
1855+0,00	0,000	3,050	0,000	58,020	265,690	125927,620	-125661,930
1856+0,00	0,000	3,470	0,000	65,150	265,690	125992,770	-125727,080
1857+0,00	0,000	3,490	0,000	69,520	265,690	126062,290	-125796,600
1858+0,00	0,000	3,920	0,000	74,170	265,690	126136,460	-125870,770
1859+0,00	0,000	3,860	0,000	77,850	265,690	126214,310	-125948,620
1860+0,00	0,000	3,310	0,000	71,720	265,690	126286,030	-126020,340
1861+0,00	0,000	3,810	0,000	71,170	265,690	126357,200	-126091,510
1862+0,00	0,000	4,510	0,000	83,210	265,690	126440,400	-126174,710
1863+0,00	0,000	4,300	0,000	88,080	265,690	126528,480	-126262,790
1864+0,00	0,000	3,800	0,000	80,990	265,690	126609,470	-126343,780
1865+0,00	0,000	3,450	0,000	72,470	265,690	126681,930	-126416,240
1866+0,00	0,000	2,520	0,040	59,710	265,730	126741,640	-126475,910
1867+0,00	0,000	2,240	0,040	47,620	265,770	126789,260	-126523,490
1868+0,00	0,000	2,900	0,000	51,400	265,770	126840,670	-126574,900
1869+0,00	0,000	3,160	0,000	60,580	265,770	126901,250	-126635,480
1870+0,00	0,000	3,430	0,000	65,820	265,770	126967,070	-126701,300
1871+0,00	0,000	3,370	0,000	68,000	265,770	127035,070	-126769,300
1872+0,00	0,000	3,390	0,000	67,640	265,770	127102,710	-126836,940
1873+0,00	0,000	3,430	0,000	68,210	265,770	127170,920	-126905,150
1874+0,00	0,000	3,370	0,000	67,960	265,770	127238,890	-126973,120
1875+0,00	0,000	3,410	0,000	67,790	265,770	127306,680	-127040,910

Osvaldo Lemos
Diretor de Projeto
Projetos
Secretaria

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1876+0,00	0,000	3,440	0,000	68,570	265,770	127375,240	-127109,470
1877+0,00	0,000	3,420	0,000	68,660	265,770	127443,910	-127178,140
1878+0,00	0,000	3,390	0,000	68,110	265,770	127512,020	-127246,250
1879+0,00	0,000	3,350	0,000	67,380	265,770	127579,400	-127313,630
1880+0,00	0,000	3,410	0,000	67,600	265,770	127647,000	-127381,230
1881+0,00	0,000	3,390	0,000	67,980	265,770	127714,980	-127449,210
1882+0,00	0,000	4,020	0,000	74,060	265,770	127789,040	-127523,270
1883+0,00	0,000	3,890	0,000	79,130	265,770	127868,170	-127602,400
1884+0,00	0,000	3,330	0,000	72,230	265,770	127940,400	-127674,630
1885+0,00	0,000	3,010	0,000	63,440	265,770	128003,830	-127738,060
1886+0,00	0,000	2,570	0,000	55,890	265,770	128059,730	-127793,960
1887+0,00	0,000	2,410	0,000	49,880	265,770	128109,600	-127843,830
1888+0,00	0,000	2,450	0,000	48,680	265,770	128158,280	-127892,510
1889+0,00	0,000	2,330	0,000	47,870	265,770	128206,150	-127940,380
1890+0,00	0,000	2,080	0,000	44,160	265,770	128250,310	-127984,540
1891+0,00	0,000	2,540	0,000	46,270	265,770	128296,580	-128030,810
1892+0,00	0,000	3,170	0,000	57,130	265,770	128353,710	-128087,940
1893+0,00	0,000	2,870	0,000	60,380	265,770	128414,090	-128148,320
1894+0,00	0,000	2,940	0,000	58,060	265,770	128472,140	-128206,370
1895+0,00	0,000	3,150	0,000	60,910	265,770	128533,050	-128267,280
1896+0,00	0,000	3,370	0,000	65,220	265,770	128598,270	-128332,500
1897+0,00	0,000	3,610	0,000	69,730	265,770	128668,000	-128402,230
1898+0,00	0,000	4,090	0,000	76,940	265,770	128744,940	-128479,170
1899+0,00	0,000	4,710	0,000	87,970	265,770	128832,910	-128567,140
1900+0,00	0,000	5,100	0,000	98,090	265,770	128931,000	-128665,230
1901+0,00	0,000	5,390	0,000	104,900	265,770	129035,890	-128770,120
1902+0,00	0,000	4,360	0,000	97,520	265,770	129133,420	-128867,650
1903+0,00	0,000	3,500	0,000	78,650	265,770	129212,060	-128946,290
1904+0,00	0,000	3,250	0,000	67,510	265,770	129279,570	-129013,800
1905+0,00	0,000	3,090	0,000	63,360	265,770	129342,930	-129077,160
1906+0,00	0,000	3,500	0,000	65,910	265,770	129408,830	-129143,060
1907+0,00	0,000	3,580	0,000	70,830	265,770	129479,670	-129213,900
1908+0,00	0,000	0,000	0,000	35,800	265,770	129515,460	-129249,690
1909+0,00	0,000	3,670	0,000	36,630	265,770	129552,100	-129286,330
1910+0,00	0,000	3,420	0,000	70,910	265,770	129623,010	-129357,240
1911+0,00	0,000	3,040	0,000	64,650	265,770	129687,660	-129421,890
1912+0,00	0,000	4,750	0,000	77,910	265,770	129765,570	-129499,800
1913+0,00	0,000	4,620	0,000	93,680	265,770	129859,250	-129593,480
1914+0,00	0,000	4,250	0,000	88,680	265,770	129947,940	-129682,170
1915+0,00	0,000	3,560	0,000	78,110	265,770	130026,050	-129760,280
1916+0,00	0,000	4,090	0,000	76,540	265,770	130102,590	-129836,820
1917+0,00	0,000	4,170	0,000	82,620	265,770	130185,210	-129919,440
1918+0,00	0,000	3,530	0,000	76,980	265,770	130262,190	-129996,420
1919+0,00	0,030	3,000	0,290	65,300	266,050	130327,490	-130061,440
1920+0,00	0,000	0,000	0,290	30,040	266,340	130357,530	-130091,190
1921+0,00	0,000	3,300	0,000	32,970	266,340	130390,500	-130124,160
1922+0,00	0,000	2,910	0,000	62,040	266,340	130452,540	-130186,200
1923+0,00	0,000	2,490	0,000	53,950	266,340	130506,490	-130240,150
1924+0,00	0,000	2,240	0,000	47,310	266,340	130553,800	-130287,460
1925+0,00	0,000	2,260	0,000	45,040	266,340	130598,840	-130332,500
1926+0,00	0,000	3,050	0,000	53,170	266,340	130652,000	-130385,660
1927+0,00	0,000	3,470	0,000	65,200	266,340	130717,200	-130450,860
1928+0,00	0,000	3,060	0,000	65,280	266,340	130782,480	-130516,140
1929+0,00	0,000	2,780	0,000	58,470	266,340	130840,950	-130574,610
1930+0,00	0,000	3,280	0,000	60,650	266,340	130901,600	-130635,260
1931+0,00	0,000	3,480	0,000	67,620	266,340	130969,220	-130702,880
1932+0,00	0,000	3,520	0,000	69,980	266,340	131039,200	-130772,860
1933+0,00	0,000	3,340	0,000	68,600	266,340	131107,800	-130841,460
1934+0,00	0,000	3,620	0,000	69,650	266,340	131177,460	-130911,120
1935+0,00	0,000	3,750	0,000	73,730	266,340	131251,190	-130984,850
1936+0,00	0,000	3,640	0,000	73,890	266,340	131325,070	-131058,730
1937+0,00	0,000	3,340	0,000	69,760	266,340	131394,840	-131128,500
1938+0,00	0,000	3,270	0,000	66,120	266,340	131460,960	-131194,620
1939+0,00	0,000	3,470	0,000	67,440	266,340	131528,400	-131262,060
1940+0,00	0,000	3,390	0,000	68,590	266,340	131596,990	-131330,650

Osvaldo Leonardo da [illegible]
Diretor de Departamento de Obras
Projetos e Gestão [illegible]
Secretaria das Obras [illegible]

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1941+0,00	0,000	3,250	0,000	66,430	266,340	131663,410	-131397,070
1942+0,00	0,000	3,320	0,000	65,750	266,340	131729,170	-131462,830
1943+0,00	0,000	4,260	0,000	75,840	266,340	131805,000	-131538,660
1944+0,00	0,000	5,510	0,000	97,760	266,340	131902,770	-131636,430
1945+0,00	0,000	3,920	0,000	94,360	266,340	131997,130	-131730,790
1946+0,00	0,000	2,980	0,000	69,040	266,340	132066,170	-131799,830
1947+0,00	0,000	2,960	0,000	59,410	266,340	132125,580	-131859,240
1948+0,00	0,000	3,020	0,000	59,780	266,340	132185,360	-131919,020
1949+0,00	0,000	3,070	0,000	60,840	266,340	132246,200	-131979,860
1950+0,00	0,000	2,070	0,000	51,370	266,340	132297,570	-132031,230
1951+0,00	0,000	3,330	0,000	53,960	266,340	132351,530	-132085,190
1952+0,00	0,000	3,250	0,000	65,720	266,340	132417,240	-132150,900
1953+0,00	0,020	3,000	0,190	62,460	266,540	132479,700	-132213,160
1954+0,00	0,000	3,660	0,200	66,620	266,730	132546,320	-132279,590
1955+0,00	0,000	4,250	0,000	79,060	266,730	132625,380	-132358,650
1956+0,00	0,000	3,330	0,000	75,790	266,730	132701,170	-132434,440
1957+0,00	0,000	3,510	0,000	68,400	266,730	132769,570	-132502,840
1958+0,00	0,000	3,470	0,000	69,760	266,730	132839,320	-132572,590
1959+0,00	0,000	3,790	0,000	72,660	266,730	132911,980	-132645,250
1960+0,00	0,000	3,780	0,000	75,750	266,730	132987,730	-132721,000
1961+0,00	0,000	3,450	0,000	72,340	266,730	133060,080	-132793,350
1962+0,00	0,000	3,600	0,000	70,520	266,730	133130,600	-132863,870
1963+0,00	0,000	3,480	0,000	70,860	266,730	133201,460	-132934,730
1964+0,00	0,000	3,390	0,000	68,740	266,730	133270,200	-133003,470
1965+0,00	0,000	3,480	0,000	68,730	266,730	133338,940	-133072,210
1966+0,00	0,000	3,690	0,000	71,770	266,730	133410,710	-133143,980
1967+0,00	0,000	3,440	0,000	71,500	266,730	133482,210	-133215,480
1968+0,00	0,000	2,960	0,000	64,000	266,730	133546,210	-133279,480
1969+0,00	0,000	2,900	0,000	58,600	266,730	133604,800	-133338,070
1970+0,00	0,000	3,370	0,000	62,460	266,730	133667,270	-133400,540
1971+0,00	0,000	3,050	0,000	64,150	266,730	133731,420	-133464,690
1972+0,00	0,000	3,540	0,000	65,970	266,730	133797,390	-133530,660
1973+0,00	0,000	3,160	0,000	67,040	266,730	133864,430	-133597,700
1974+0,00	0,000	3,200	0,000	63,630	266,730	133928,060	-133661,330
1975+0,00	0,000	3,400	0,000	66,060	266,730	133994,110	-133727,380
1976+0,00	0,000	3,320	0,000	67,200	266,740	134061,310	-133794,570
1977+0,00	0,000	3,260	0,010	65,800	266,740	134127,120	-133860,380
1978+0,00	0,000	3,390	0,000	66,430	266,750	134193,540	-133926,790
1979+0,00	0,000	3,290	0,000	66,790	266,750	134260,330	-133993,580
1980+0,00	0,000	3,110	0,000	63,970	266,750	134324,310	-134057,560
1981+0,00	0,000	3,180	0,000	62,910	266,750	134387,210	-134120,460
1982+0,00	0,000	3,140	0,000	63,130	266,750	134450,340	-134183,590
1983+0,00	0,000	3,060	0,000	61,960	266,750	134512,300	-134245,550
1984+0,00	0,000	2,670	0,000	57,310	266,750	134569,610	-134302,860
1985+0,00	0,000	2,710	0,000	53,810	266,750	134623,420	-134356,670
1986+0,00	0,000	3,220	0,000	59,260	266,750	134682,680	-134415,930
1987+0,00	0,000	2,770	0,000	59,830	266,750	134742,510	-134475,760
1988+0,00	0,000	2,030	0,000	48,020	266,750	134790,530	-134523,780
1989+0,00	0,000	3,040	0,000	50,700	266,750	134841,230	-134574,480
1990+0,00	0,000	4,160	0,000	71,990	266,750	134913,220	-134646,470
1991+0,00	0,000	5,530	0,000	96,960	266,750	135010,180	-134743,430
1992+0,00	0,000	5,790	0,000	113,190	266,750	135123,370	-134856,620
1993+0,00	0,000	5,740	0,000	115,240	266,750	135238,620	-134971,870
1994+0,00	0,000	4,510	0,000	102,500	266,750	135341,120	-135074,370
1995+0,00	0,000	3,440	0,000	79,560	266,750	135420,680	-135153,930
1996+0,00	0,000	3,380	0,000	68,200	266,750	135488,880	-135222,130
1997+0,00	0,000	3,420	0,000	67,900	266,750	135556,780	-135290,030
1998+0,00	0,000	3,070	0,000	64,830	266,750	135621,610	-135354,860
1999+0,00	0,000	3,190	0,000	62,560	266,750	135684,170	-135417,420
2000+0,00	0,000	2,390	0,000	55,790	266,750	135739,960	-135473,210
2001+0,00	0,000	3,100	0,000	54,880	266,750	135794,830	-135528,080
2002+0,00	0,000	3,540	0,000	66,350	266,750	135861,190	-135594,440
2003+0,00	0,000	3,950	0,000	74,850	266,750	135936,040	-135669,290
2004+0,00	0,000	5,040	0,000	89,890	266,750	136025,930	-135759,180
2005+0,00	0,000	5,740	0,000	107,790	266,750	136133,710	-135866,960

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2006+0,00	0,000	6,030	0,000	117,670	266,750	136251,380	-135984,630
2007+0,00	0,000	5,520	0,000	115,460	266,750	136366,840	-136100,090
2008+0,00	0,000	3,650	0,000	91,610	266,750	136458,450	-136191,700
2009+0,00	0,000	3,090	0,000	67,370	266,750	136525,820	-136259,070
2010+0,00	0,000	3,080	0,000	61,770	266,750	136587,590	-136320,840
2011+0,00	0,000	3,390	0,000	64,700	266,750	136652,300	-136385,550
2012+0,00	0,000	3,080	0,000	64,690	266,750	136716,980	-136450,230
2013+0,00	0,000	3,840	0,000	69,240	266,750	136786,220	-136519,470
2014+0,00	0,000	3,590	0,000	74,280	266,750	136860,500	-136593,750
2015+0,00	0,000	3,460	0,000	70,450	266,750	136930,950	-136664,200
2016+0,00	0,000	3,520	0,000	69,790	266,750	137000,740	-136733,990
2017+0,00	0,000	3,590	0,000	71,120	266,750	137071,860	-136805,110
2018+0,00	0,000	3,500	0,000	70,920	266,750	137142,780	-136876,030
2019+0,00	0,000	3,870	0,000	73,740	266,750	137216,520	-136949,770
2020+0,00	0,000	4,240	0,000	81,080	266,750	137297,600	-137030,850
2021+0,00	0,000	3,510	0,000	77,450	266,750	137375,050	-137108,300
2022+0,00	0,000	3,360	0,000	68,670	266,750	137443,720	-137176,970
2023+0,00	0,000	2,940	0,000	63,010	266,750	137506,730	-137239,980
2024+0,00	0,000	2,990	0,000	59,300	266,750	137566,030	-137299,280
2025+0,00	0,000	2,760	0,000	57,490	266,750	137623,520	-137356,770
2026+0,00	0,000	3,360	0,000	61,270	266,750	137684,790	-137418,040
2027+0,00	0,000	3,600	0,000	69,620	266,750	137754,410	-137487,660
2028+0,00	0,000	3,710	0,000	73,110	266,750	137827,520	-137560,770
2029+0,00	0,000	3,620	0,000	73,290	266,750	137900,810	-137634,060
2030+0,00	0,000	3,660	0,020	72,820	266,760	137973,630	-137706,870
2031+0,00	0,000	4,090	0,020	77,540	266,780	138051,170	-137784,390
2032+0,00	0,000	3,540	0,000	76,310	266,780	138127,480	-137860,700
2033+0,00	0,000	3,890	0,000	74,310	266,780	138201,790	-137935,010
2034+0,00	0,000	5,040	0,000	89,290	266,780	138291,080	-138024,300
2035+0,00	0,000	3,760	0,000	87,920	266,780	138379,000	-138112,220
2036+0,00	0,000	3,760	0,000	75,150	266,780	138454,150	-138187,370
2037+0,00	0,000	3,420	0,000	71,790	266,780	138525,940	-138259,160
2038+0,00	0,000	2,980	0,000	63,970	266,780	138589,910	-138323,130
2039+0,00	0,000	3,340	0,000	63,180	266,780	138653,090	-138386,310
2040+0,00	0,000	4,740	0,000	80,860	266,780	138733,950	-138467,170
2041+0,00	0,000	4,880	0,000	96,230	266,780	138830,180	-138563,400
2042+0,00	0,000	5,100	0,000	99,740	266,780	138929,910	-138663,130
2043+0,00	0,000	4,550	0,000	96,420	266,780	139026,330	-138759,550
2044+0,00	0,000	3,810	0,000	83,610	266,780	139109,950	-138843,170
2045+0,00	0,000	3,290	0,000	70,960	266,780	139180,910	-138914,130
2046+0,00	0,000	3,780	0,000	70,660	266,780	139251,570	-138984,790
2047+0,00	0,000	3,800	0,000	75,760	266,780	139327,330	-139060,550
2048+0,00	0,000	3,390	0,000	71,850	266,780	139399,180	-139132,400
2049+0,00	0,000	2,120	0,000	55,130	266,780	139454,310	-139187,530
2050+0,00	0,000	2,850	0,000	49,770	266,780	139504,080	-139237,300
2051+0,00	0,000	3,370	0,000	62,270	266,780	139566,350	-139299,570
2052+0,00	0,000	3,870	0,000	72,480	266,780	139638,830	-139372,050
2053+0,00	0,000	4,090	0,000	79,610	266,780	139718,430	-139451,650
2054+0,00	0,000	4,380	0,000	84,670	266,780	139803,100	-139536,320
2055+0,00	0,000	4,240	0,000	86,220	266,780	139889,330	-139622,550
2056+0,00	0,000	4,020	0,000	82,630	266,780	139971,950	-139705,170
2057+0,00	0,000	3,140	0,000	71,670	266,780	140043,620	-139776,840
2058+0,00	0,000	3,310	0,000	64,580	266,780	140108,200	-139841,420
2059+0,00	0,000	3,500	0,000	68,120	266,780	140176,330	-139909,550
2060+0,00	0,000	3,440	0,000	69,440	266,780	140245,760	-139978,980
2061+0,00	0,000	3,880	0,000	73,180	266,780	140318,940	-140052,160
2062+0,00	0,000	3,690	0,000	75,740	266,780	140394,680	-140127,900
2063+0,00	0,000	3,860	0,000	75,520	266,780	140470,200	-140203,420
2064+0,00	0,000	3,760	0,000	76,010	266,780	140546,210	-140279,430
2065+0,00	0,000	3,500	0,000	72,580	266,780	140618,790	-140352,010
2066+0,00	0,000	3,980	0,000	74,650	266,780	140693,440	-140426,660
2067+0,00	0,000	3,780	0,000	77,020	266,780	140770,460	-140503,680
2068+0,00	0,000	3,570	0,000	73,250	266,780	140843,710	-140576,930
2069+0,00	0,000	3,690	0,000	72,850	266,780	140916,560	-140649,780
2070+0,00	0,000	3,270	0,000	69,700	266,780	140986,270	-140719,490

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2071+0,00	0,000	3,540	0,000	68,100	266,780	141054,360	-140787,580
2072+0,00	0,000	2,510	0,000	60,640	266,780	141115,000	-140848,220
2073+0,00	0,000	2,880	0,000	53,970	266,780	141168,970	-140902,190
2074+0,00	0,000	2,400	0,000	52,860	266,780	141221,830	-140955,050
2075+0,00	0,000	3,200	0,000	56,100	266,780	141277,930	-141011,150
2076+0,00	0,000	3,420	0,000	66,170	266,780	141344,100	-141077,320
2077+0,00	0,000	5,090	0,000	85,080	266,780	141429,180	-141162,400
2078+0,00	0,000	6,230	0,000	113,250	266,780	141542,430	-141275,650
2079+0,00	0,000	6,330	0,000	125,620	266,780	141668,050	-141401,270
2080+0,00	0,000	5,470	0,000	117,980	266,780	141786,030	-141519,250
2081+0,00	0,000	4,080	0,000	95,530	266,780	141881,560	-141614,780
2082+0,00	0,000	3,320	0,000	74,070	266,780	141955,630	-141688,850
2083+0,00	0,000	3,440	0,000	67,630	266,780	142023,260	-141756,480
2084+0,00	0,000	4,030	0,000	74,680	266,780	142097,950	-141831,170
2085+0,00	0,000	4,140	0,000	81,650	266,780	142179,600	-141912,820
2086+0,00	0,000	3,560	0,000	76,940	266,780	142256,540	-141989,760
2087+0,00	0,000	2,470	0,000	60,290	266,780	142316,830	-142050,050
2088+0,00	0,000	1,830	0,000	43,050	266,780	142359,870	-142093,090
2089+0,00	0,000	2,410	0,000	42,480	266,780	142402,350	-142135,570
2090+0,00	0,000	3,110	0,000	55,200	266,780	142457,550	-142190,770
2091+0,00	0,000	3,280	0,000	63,850	266,780	142521,410	-142254,630
2092+0,00	0,000	3,370	0,000	66,520	266,780	142587,920	-142321,140
2093+0,00	0,000	3,590	0,000	69,580	266,780	142657,500	-142390,720
2094+0,00	0,000	3,990	0,000	75,780	266,780	142733,280	-142466,500
2095+0,00	0,000	3,820	0,000	78,120	266,780	142811,400	-142544,620
2096+0,00	0,000	3,390	0,000	72,110	266,780	142883,520	-142616,740
2097+0,00	0,000	3,380	0,000	67,840	266,780	142951,360	-142684,580
2098+0,00	0,000	3,350	0,000	67,390	266,780	143018,750	-142751,970
2099+0,00	0,000	3,230	0,000	65,880	266,780	143084,630	-142817,850
2100+0,00	0,000	3,270	0,000	65,000	266,780	143149,630	-142882,850
2101+0,00	0,000	0,000	0,000	32,700	266,780	143182,330	-142915,550
2102+0,00	0,000	3,510	0,000	34,860	266,780	143217,190	-142950,410
2103+0,00	0,000	3,560	0,000	70,850	266,780	143288,040	-143021,260
2104+0,00	0,000	3,310	0,000	68,790	266,780	143356,830	-143090,050
2105+0,00	0,000	3,340	0,000	66,710	266,780	143423,540	-143156,760
2106+0,00	0,000	3,230	0,000	65,740	266,780	143489,280	-143222,500
2107+0,00	0,000	3,230	0,000	64,610	266,780	143553,890	-143287,110
2108+0,00	0,000	3,320	0,000	65,440	266,780	143619,330	-143352,550
2109+0,00	0,000	3,600	0,000	69,110	266,780	143688,450	-143421,670
2110+0,00	0,000	3,400	0,000	69,970	266,780	143758,410	-143491,630
2111+0,00	0,000	3,440	0,000	68,410	266,780	143826,830	-143560,050
2112+0,00	0,000	3,270	0,000	67,100	266,780	143893,920	-143627,140
2113+0,00	0,000	3,750	0,000	70,220	266,780	143964,150	-143697,370
2114+0,00	0,000	3,410	0,000	71,630	266,780	144035,780	-143769,000
2115+0,00	0,000	3,720	0,000	71,290	266,780	144107,070	-143840,290
2116+0,00	0,000	4,320	0,000	80,360	266,780	144187,430	-143920,650
2117+0,00	0,000	5,280	0,000	95,940	266,780	144283,360	-144016,580
2118+0,00	0,000	6,230	0,000	115,120	266,780	144398,490	-144131,710
2119+0,00	0,000	7,140	0,000	133,720	266,780	144532,210	-144265,430
2120+0,00	0,000	6,820	0,000	139,600	266,780	144671,800	-144405,020
2121+0,00	0,000	5,210	0,000	120,370	266,780	144792,170	-144525,390
2122+0,00	0,000	3,420	0,000	86,320	266,780	144878,490	-144611,710
2123+0,00	0,000	3,320	0,000	67,400	266,780	144945,890	-144679,110
2124+0,00	0,000	3,690	0,000	70,150	266,780	145016,040	-144749,260
2125+0,00	0,000	4,380	0,000	80,740	266,780	145096,780	-144830,000
2126+0,00	0,000	4,220	0,000	86,050	266,780	145182,830	-144916,050
2127+0,00	0,000	3,380	0,000	75,980	266,780	145258,810	-144992,030
2128+0,00	0,000	3,130	0,000	65,080	266,780	145323,890	-145057,110
2129+0,00	0,000	3,300	0,000	64,280	266,780	145388,170	-145121,390
2130+0,00	0,000	2,890	0,000	61,850	266,780	145450,020	-145183,240
2131+0,00	0,000	3,070	0,000	59,570	266,780	145509,580	-145242,800
2132+0,00	0,000	3,360	0,000	64,290	266,780	145573,870	-145307,090
2133+0,00	0,000	3,600	0,000	69,580	266,780	145643,460	-145376,680
2134+0,00	0,000	3,620	0,000	72,150	266,780	145715,600	-145448,820
2135+0,00	0,000	3,280	0,000	68,980	266,780	145784,580	-145517,800

Osvaldo Leônicio da S...
Diretor ...
Projetos e Obras ...
Secretaria das ...

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2136+0,00	0,000	3,190	0,000	64,670	266,780	145849,260	-145582,480
2137+0,00	0,000	3,270	0,000	64,530	266,780	145913,780	-145647,000
2138+0,00	0,000	3,200	0,000	64,710	266,780	145978,490	-145711,710
2139+0,00	0,000	2,720	0,000	59,210	266,780	146037,700	-145770,920
2140+0,00	0,000	2,400	0,000	51,200	266,780	146088,900	-145822,120
2141+0,00	0,000	3,340	0,000	57,480	266,780	146146,390	-145879,610
2142+0,00	0,000	3,370	0,000	67,120	266,780	146213,510	-145946,730
2143+0,00	0,000	3,390	0,000	67,570	266,780	146281,080	-146014,300
2144+0,00	0,000	3,380	0,000	67,720	266,780	146348,810	-146082,030
2145+0,00	0,000	3,060	0,000	64,430	266,780	146413,230	-146146,450
2146+0,00	0,000	3,420	0,000	64,780	266,780	146478,020	-146211,240
2147+0,00	0,000	4,210	0,000	76,280	266,780	146554,300	-146287,520
2148+0,00	0,000	5,710	0,000	99,230	266,780	146653,530	-146386,750
2149+0,00	0,000	6,160	0,000	118,720	266,780	146772,250	-146505,470
2150+0,00	0,000	5,220	0,000	113,830	266,780	146886,080	-146619,300
2151+0,00	0,000	3,880	0,000	91,080	266,780	146977,160	-146710,380
2152+0,00	0,000	4,020	0,000	79,050	266,780	147056,200	-146789,420
2153+0,00	0,000	5,500	0,000	95,170	266,780	147151,380	-146884,600
2154+0,00	0,000	5,550	0,000	110,480	266,780	147261,850	-146995,070
2155+0,00	0,000	5,700	0,000	112,490	266,780	147374,340	-147107,560
2156+0,00	0,000	5,070	0,000	107,680	266,780	147482,020	-147215,240
2157+0,00	0,000	4,530	0,000	95,990	266,780	147578,010	-147311,230
2158+0,00	0,000	3,620	0,000	81,450	266,780	147659,470	-147392,690
2159+0,00	0,000	3,360	0,000	69,730	266,780	147729,200	-147462,420
2160+0,00	0,000	3,390	0,000	67,490	266,780	147796,680	-147529,900
2161+0,00	0,000	3,460	0,000	68,520	266,780	147865,200	-147598,420
2162+0,00	0,000	2,930	0,000	63,920	266,780	147929,130	-147662,350
2163+0,00	0,000	3,030	0,000	59,630	266,780	147988,760	-147721,980
2164+0,00	0,000	3,600	0,000	66,260	266,780	148055,020	-147788,240
2165+0,00	0,000	3,390	0,000	69,840	266,780	148124,860	-147858,080
2166+0,00	0,000	2,770	0,000	61,600	266,780	148186,470	-147919,690
2167+0,00	0,000	2,210	0,000	49,820	266,780	148236,280	-147969,500
2168+0,00	0,000	2,450	0,000	46,610	266,780	148282,890	-148016,110
2169+0,00	0,000	3,190	0,000	56,410	266,780	148339,300	-148072,520
2170+0,00	0,000	3,460	0,000	66,470	266,780	148405,770	-148138,990
2171+0,00	0,000	3,470	0,000	69,270	266,780	148475,040	-148208,260
2172+0,00	0,000	3,550	0,000	70,250	266,780	148545,280	-148278,500
2173+0,00	0,000	3,760	0,000	73,180	266,780	148618,470	-148351,690
2174+0,00	0,000	3,520	0,000	72,850	266,780	148691,310	-148424,530
2175+0,00	0,000	3,380	0,000	68,990	266,780	148760,300	-148493,520
2176+0,00	0,000	3,780	0,000	71,610	266,780	148831,910	-148565,130
2177+0,00	0,000	3,930	0,000	77,170	266,780	148909,080	-148642,300
2178+0,00	0,000	3,650	0,000	75,820	266,780	148984,900	-148718,120
2179+0,00	0,000	3,290	0,000	69,340	266,780	149054,230	-148787,450
2180+0,00	0,000	2,960	0,000	62,440	266,780	149116,670	-148849,890
2181+0,00	0,000	3,200	0,000	61,520	266,780	149178,190	-148911,410
2182+0,00	0,000	3,510	0,000	67,100	266,780	149245,290	-148978,510
2183+0,00	0,000	3,790	0,000	73,150	266,780	149318,440	-149051,660
2184+0,00	0,000	4,020	0,000	78,160	266,780	149396,610	-149129,830
2185+0,00	0,000	3,400	0,000	74,330	266,780	149470,940	-149204,160
2186+0,00	0,000	3,310	0,000	67,230	266,780	149538,170	-149271,390
2187+0,00	0,000	3,320	0,000	66,420	266,780	149604,590	-149337,810
2188+0,00	0,000	3,840	0,000	71,630	266,780	149676,220	-149409,440
2189+0,00	0,000	4,380	0,000	82,210	266,780	149758,430	-149491,650
2190+0,00	0,000	5,590	0,000	99,750	266,780	149858,180	-149591,400
2191+0,00	0,000	6,720	0,000	123,160	266,780	149981,350	-149714,570
2192+0,00	0,000	6,890	0,000	136,170	266,780	150117,520	-149850,740
2193+0,00	0,000	7,140	0,000	140,320	266,780	150257,830	-149991,050
2194+0,00	0,000	6,180	0,000	133,170	266,780	150391,000	-150124,220
2195+0,00	0,000	4,820	0,000	109,930	266,780	150500,930	-150234,150
2196+0,00	0,000	3,850	0,000	86,700	266,780	150587,630	-150320,850
2197+0,00	0,000	3,400	0,000	72,570	266,780	150660,200	-150393,420
2198+0,00	0,000	4,220	0,000	76,270	266,780	150736,470	-150469,690
2199+0,00	0,000	5,340	0,000	95,680	266,780	150832,150	-150565,370
2200+0,00	0,000	6,550	0,000	118,900	266,780	150951,050	-150684,270

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2201+0,00	0,000	6,820	0,000	133,620	266,780	151084,670	-150817,890
2202+0,00	0,000	6,940	0,000	137,580	266,780	151222,250	-150955,470
2203+0,00	0,000	6,680	0,000	136,200	266,780	151358,460	-151091,680
2204+0,00	0,000	7,270	0,000	139,470	266,780	151497,930	-151231,150
2205+0,00	0,000	6,470	0,000	137,360	266,780	151635,290	-151368,510
2206+0,00	0,000	5,190	0,000	116,540	266,780	151751,830	-151485,050
2207+0,00	0,000	4,580	0,000	97,640	266,780	151849,470	-151582,690
2208+0,00	0,000	3,630	0,000	82,080	266,780	151931,540	-151664,760
2209+0,00	0,000	3,220	0,000	68,490	266,780	152000,030	-151733,250
2210+0,00	0,000	3,480	0,000	66,970	266,780	152067,000	-151800,220
2211+0,00	0,000	3,440	0,000	69,220	266,780	152136,220	-151869,440
2212+0,00	0,000	2,320	0,000	57,660	266,780	152193,880	-151927,100
2213+0,00	0,000	2,180	0,000	44,990	266,780	152238,870	-151972,090
2214+0,00	0,000	2,830	0,000	50,140	266,780	152289,010	-152022,230
2215+0,00	0,000	2,830	0,000	56,690	266,780	152345,700	-152078,920
2216+0,00	0,000	3,360	0,000	62,030	266,780	152407,730	-152140,950
2217+0,00	0,000	3,370	0,000	67,310	266,780	152475,040	-152208,260
2218+0,00	0,000	3,140	0,000	65,320	266,780	152540,350	-152273,570
2219+0,00	0,000	2,710	0,000	58,540	266,780	152598,900	-152332,120
2220+0,00	0,000	3,670	0,000	63,760	266,780	152662,650	-152395,870
2221+0,00	0,000	3,150	0,000	68,210	266,780	152730,870	-152464,090
2222+0,00	0,000	3,330	0,000	64,810	266,780	152795,680	-152528,900
2223+0,00	0,000	4,800	0,000	81,280	266,780	152876,960	-152610,180
2224+0,00	0,000	4,860	0,000	96,560	266,780	152973,520	-152706,740
2225+0,00	0,000	4,910	0,000	97,700	266,780	153071,220	-152804,440
2226+0,00	0,000	3,710	0,000	86,200	266,780	153157,420	-152890,640
2227+0,00	0,000	3,280	0,000	69,830	266,780	153227,240	-152960,460
2228+0,00	0,000	3,150	0,040	64,390	266,810	153291,640	-153024,830
2229+0,00	0,000	3,070	0,040	62,280	266,850	153353,920	-153087,070
2230+0,00	0,000	2,900	0,000	59,730	266,850	153413,650	-153146,800
2231+0,00	0,000	2,950	0,000	58,510	266,850	153472,160	-153205,310
2232+0,00	0,000	3,000	0,000	59,510	266,850	153531,680	-153264,830
2233+0,00	0,000	2,790	0,000	57,920	266,850	153589,600	-153322,750
2234+0,00	0,000	3,090	0,000	58,790	266,850	153648,390	-153381,540
2235+0,00	0,000	3,300	0,000	63,870	266,850	153712,250	-153445,400
2236+0,00	0,000	3,290	0,000	65,930	266,850	153778,190	-153511,340
2237+0,00	0,000	3,350	0,000	66,480	266,850	153844,670	-153577,820
2238+0,00	0,000	3,410	0,000	67,620	266,850	153912,290	-153645,440
2239+0,00	0,000	3,360	0,000	67,740	266,850	153980,030	-153713,180
2240+0,00	0,000	3,490	0,000	68,540	266,850	154048,570	-153781,720
2241+0,00	0,000	3,290	0,000	67,800	266,850	154116,360	-153849,510
2242+0,00	0,000	2,750	0,000	60,370	266,850	154176,730	-153909,880
2243+0,00	0,000	3,370	0,000	61,180	266,850	154237,910	-153971,060
2244+0,00	0,000	3,310	0,000	66,750	266,850	154304,670	-154037,820
2245+0,00	0,000	3,310	0,000	66,150	266,850	154370,820	-154103,970
2246+0,00	0,000	3,300	0,000	66,090	266,850	154436,900	-154170,050
2247+0,00	0,000	3,280	0,000	65,770	266,850	154502,670	-154235,820
2248+0,00	0,000	3,280	0,000	65,610	266,850	154568,280	-154301,430
2249+0,00	0,000	3,360	0,000	66,470	266,850	154634,750	-154367,900
2250+0,00	0,000	3,400	0,000	67,600	266,850	154702,350	-154435,500
2251+0,00	0,000	3,530	0,000	69,230	266,850	154771,580	-154504,730
2252+0,00	0,000	3,340	0,000	68,680	266,850	154840,250	-154573,400
2253+0,00	0,000	3,350	0,000	66,940	266,850	154907,190	-154640,340
2254+0,00	0,000	3,390	0,000	67,430	266,850	154974,620	-154707,770
2255+0,00	0,000	3,320	0,000	67,070	266,850	155041,700	-154774,850
2256+0,00	0,000	3,430	0,000	67,420	266,850	155109,120	-154842,270
2257+0,00	0,000	3,380	0,000	68,030	266,850	155177,150	-154910,300
2258+0,00	0,000	3,510	0,000	68,830	266,850	155245,980	-154979,130
2259+0,00	0,000	3,550	0,000	70,530	266,850	155316,510	-155049,660
2260+0,00	0,000	3,560	0,000	71,090	266,850	155387,600	-155120,750
2261+0,00	0,000	3,690	0,000	72,490	266,850	155460,090	-155193,240
2262+0,00	0,000	3,660	0,000	73,500	266,850	155533,580	-155266,730
2263+0,00	0,000	3,660	0,000	73,250	266,850	155606,830	-155339,980
2264+0,00	0,000	3,620	0,000	72,840	266,850	155679,670	-155412,820
2265+0,00	0,000	4,160	0,000	77,830	266,850	155757,500	-155490,650

Osvaldo Lefevre [illegible]

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2266+0,00	0,000	4,180	0,000	83,440	266,850	155840,940	-155574,090
2267+0,00	0,000	3,950	0,000	81,270	266,850	155922,210	-155655,360
2268+0,00	0,000	3,610	0,000	75,550	266,850	155997,770	-155730,920
2269+0,00	0,000	3,640	0,000	72,430	266,850	156070,200	-155803,350
2270+0,00	0,000	3,390	0,000	70,300	266,850	156140,500	-155873,650
2270+15,00	0,000	3,060	0,000	48,350	266,850	156188,850	-155922,000

Osvaldo Leonardo da Silva Filho
Diretoria Unidade de Projetos
Projetos e Obras - SEPRO
Secretaria dos Direitos (Sedu)

14.3 TRECHO III

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Nota de Serviço Tabela

MUNICÍPIO DE DOM INOCENCIO A DIVISA COM PERNAMBUCO 0+0.000 1428+0.000

Lado Esquerdo						Eixo				Lado Direito					
Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)	Estaca	Cota Projeto	Cota Terreno	Cota Vermelha	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)
-4.006	365.330	66.67	-4.000	365.326	-2.00	0+0.000	365.406	365.406	0.000	4.000	365.326	-2.00	4.241	365.487	66.67
-4.161	365.466	-150.00	-4.000	365.707	-2.00	1+0.000	365.787	365.559	0.228	4.000	365.707	-2.00	4.039	365.649	-150.00
-4.270	365.281	-150.00	-4.000	365.686	-2.00	2+0.000	365.766	365.365	0.400	4.000	365.686	-2.00	4.159	365.447	-150.00
-4.284	364.870	-150.00	-4.000	365.296	-2.00	3+0.000	365.376	364.960	0.416	4.000	365.296	-2.00	4.166	365.048	-150.00
-4.246	364.196	-150.00	-4.000	364.564	-2.00	4+0.000	364.644	364.255	0.389	4.000	364.564	-2.00	4.182	364.292	-150.00
-4.136	363.171	-150.00	-4.000	363.375	-2.00	5+0.000	363.455	363.242	0.213	4.000	363.375	-2.00	4.042	363.312	-150.00
-4.142	361.801	-150.00	-4.000	362.014	-2.00	6+0.000	362.094	361.821	0.273	4.000	362.014	-2.00	4.115	361.841	-150.00
-4.061	360.605	-150.00	-4.000	360.697	-2.00	7+0.000	360.777	360.675	0.102	4.000	360.697	-2.00	4.071	360.744	66.67
-4.269	359.287	-150.00	-4.000	359.691	-2.00	8+0.000	359.771	359.327	0.443	4.000	359.691	-2.00	4.203	359.387	-150.00
-4.482	358.467	-150.00	-4.000	359.190	-2.00	9+0.000	359.270	358.513	0.757	4.000	359.190	-2.00	4.402	358.587	-150.00
-4.477	357.987	-150.00	-4.000	358.702	-2.00	10+0.000	358.782	358.112	0.670	4.000	358.702	-2.00	4.313	358.232	-150.00
-4.395	357.850	-150.00	-4.000	358.443	-2.00	11+0.000	358.523	358.036	0.487	4.000	358.443	-2.00	4.154	358.212	-150.00
-4.376	358.489	-150.00	-4.000	359.053	-2.00	12+0.000	359.133	358.674	0.460	4.000	359.053	-2.00	4.142	358.840	-150.00
-4.422	359.262	-150.00	-4.000	359.895	-2.00	13+0.000	359.975	359.488	0.488	4.000	359.895	-2.00	4.131	359.698	-150.00
-4.434	360.231	-150.00	-4.000	360.882	-2.00	14+0.000	360.962	360.458	0.504	4.000	360.882	-2.00	4.141	360.670	-150.00
-4.442	361.206	-150.00	-4.000	361.869	-2.00	15+0.000	361.949	361.458	0.491	4.000	361.869	-2.00	4.130	361.675	-150.00
-4.467	362.147	-150.00	-4.000	362.847	-2.00	16+0.000	362.927	362.416	0.511	4.000	362.847	-2.00	4.122	362.664	-150.00
-4.424	362.912	-150.00	-4.000	363.549	-2.00	17+0.000	363.629	363.138	0.490	4.000	363.549	-2.00	4.133	363.349	-150.00
-4.434	363.577	-150.00	-4.000	364.228	-2.00	18+0.000	364.308	363.838	0.470	4.000	364.228	-2.00	4.140	364.017	-150.00
-4.369	364.053	-150.00	-4.000	364.607	-2.00	19+0.000	364.687	364.277	0.410	4.000	364.607	-2.00	4.080	364.487	-150.00
-4.311	364.504	-150.00	-4.000	364.970	-2.00	20+0.000	365.050	364.688	0.362	4.000	364.970	-2.00	4.073	364.862	-150.00
-4.381	364.763	-150.00	-4.000	365.334	-2.00	21+0.000	365.414	365.021	0.392	4.000	365.334	-2.00	4.090	365.199	-150.00
-4.322	365.119	-150.00	-4.000	365.602	-2.00	22+0.000	365.682	365.275	0.407	4.000	365.602	-2.00	4.119	365.423	-150.00
-4.364	365.295	-150.00	-4.000	365.840	-2.00	23+0.000	365.920	365.441	0.479	4.000	365.840	-2.00	4.173	365.581	-150.00
-4.452	365.367	-150.00	-4.000	366.045	-2.00	24+0.000	366.125	365.634	0.491	4.000	366.045	-2.00	4.179	365.777	-150.00
-4.576	365.359	-150.00	-4.000	366.222	-2.00	25+0.000	366.302	365.608	0.694	4.000	366.222	-2.00	4.255	365.840	-150.00
-4.558	365.562	-150.00	-4.000	366.399	-2.00	26+0.000	366.479	365.737	0.743	4.000	366.399	-2.00	4.331	365.903	-150.00
-4.466	365.917	-150.00	-4.000	366.616	-2.00	27+0.000	366.696	366.207	0.489	4.000	366.616	-2.00	4.162	366.373	-150.00
-4.777	365.882	-150.00	-4.000	367.047	-2.00	28+0.000	367.127	366.136	0.991	4.000	367.047	-2.00	4.449	366.374	-150.00
-4.716	366.404	-150.00	-4.000	367.478	-2.00	29+0.000	367.558	366.560	0.999	4.000	367.478	-2.00	4.513	366.708	-150.00
-4.780	366.739	-150.00	-4.000	367.909	-2.00	30+0.000	367.989	366.913	1.076	4.000	367.909	-2.00	4.568	367.057	-150.00
-4.764	367.195	-150.00	-4.000	368.341	-2.00	31+0.000	368.421	367.337	1.084	4.000	368.341	-2.00	4.579	367.473	-150.00
-4.585	367.894	-150.00	-4.000	368.772	-2.00	32+0.000	368.852	367.995	0.857	4.000	368.772	-2.00	4.453	368.093	-150.00
-4.398	368.605	-150.00	-4.000	369.203	-2.00	33+0.000	369.283	368.688	0.595	4.000	369.203	-2.00	4.329	368.710	-150.00
-4.307	369.174	-150.00	-4.000	369.634	-2.00	34+0.000	369.714	369.250	0.464	4.000	369.634	-2.00	4.207	369.324	-150.00
-4.277	369.578	-150.00	-4.000	369.993	-2.00	35+0.000	370.073	369.611	0.463	4.000	369.993	-2.00	4.234	369.643	-150.00
-4.248	369.982	-150.00	-4.000	370.354	-2.00	36+0.000	370.434	369.977	0.457	4.000	370.354	-2.00	4.259	369.966	-150.00
-4.199	370.016	-150.00	-4.000	370.314	-2.00	37+0.000	370.394	370.030	0.364	4.000	370.314	-2.00	4.181	370.044	-150.00
-4.142	370.024	-150.00	-4.000	370.236	-2.00	38+0.000	370.316	369.986	0.330	4.000	370.236	-2.00	4.192	369.948	-150.00
-4.203	369.847	-150.00	-4.000	370.152	-2.00	39+0.000	370.232	369.802	0.430	4.000	370.152	-2.00	4.264	369.756	-150.00
-4.190	369.534	-150.00	-4.000	369.819	-2.00	40+0.000	369.899	369.481	0.418	4.000	369.819	-2.00	4.268	369.417	-150.00
-4.195	369.134	-150.00	-4.000	369.427	-2.00	41+0.000	369.507	369.084	0.422	4.000	369.427	-2.00	4.256	369.043	-150.00
-4.213	368.879	-150.00	-4.000	369.199	-2.00	42+0.000	369.279	368.832	0.447	4.000	369.199	-2.00	4.276	368.784	-150.00
-4.205	368.859	-150.00	-4.000	369.167	-2.00	43+0.000	369.247	368.797	0.450	4.000	369.167	-2.00	4.268	368.765	-150.00
-4.229	369.336	-150.00	-4.000	369.680	-2.00	44+0.000	369.760	369.295	0.464	4.000	369.680	-2.00	4.299	369.232	-150.00
-4.269	369.731	-150.00	-4.000	370.135	-2.00	45+0.000	370.215	369.724	0.491	4.000	370.135	-2.00	4.279	369.717	-150.00
-4.269	370.186	-150.00	-4.000	370.589	-2.00	46+0.000	370.669	370.175	0.494	4.000	370.589	-2.00	4.283	370.165	-150.00
-4.266	370.644	-150.00	-4.000	371.043	-2.00	47+0.000	371.123	370.649	0.475	4.000	371.043	-2.00	4.281	370.621	-150.00
-4.206	370.950	-150.00	-4.000	371.259	-2.00	48+0.000	371.339	370.891	0.448	4.000	371.259	-2.00	4.286	370.830	-150.00
-4.349	370.928	-150.00	-4.000	371.451	-2.00	49+0.000	371.531	370.855	0.677	4.000	371.451	-2.00	4.447	370.780	-150.00
-4.483	371.289	-150.00	-4.000	372.014	-2.00	50+0.000	372.094	371.227	0.866	4.000	372.014	-2.00	4.596	371.120	-150.00
-4.631	371.421	-150.00	-4.000	372.368	-2.00	51+0.000	372.448	371.371	1.077	4.000	372.368	-2.00	4.699	371.320	-150.00
-4.597	371.619	-150.00	-4.000	372.514	-2.00	52+0.000	372.594	371.656	0.938	4.000	372.514	-2.00	4.544	371.698	-150.00
-4.455	371.770	-150.00	-4.000	372.452	-2.00	53+0.000	372.532	371.798	0.734	4.000	372.452	-2.00	4.417	371.826	-150.00
-4.315	371.711	-150.00	-4.000	372.183	-2.00	54+0.000	372.263	371.824	0.440	4.000	372.183	-2.00	4.168	371.932	-150.00
-4.301	371.377	-150.00	-4.000	371.828	-2.00	55+0.000	371.908	371.484	0.424	4.000	371.828	-2.00	4.160	371.588	-150.00
-4.247	370.776	-150.00	-4.000	371.147	-2.00	56+0.000	371.227	370.900	0.327	4.000	371.147	-2.00	4.085	371.019	-150.00
-4.165	370.060	-150.00	-4.000	370.307	-2.00	57+0.000	370.387	370.182	0.205	4.000	370.307	-2.00			
-4.296	369.023	-150.00	-4.000	369.467	-2.00	58+0.000	369.547	369.192	0.355	4.000	369.467	-2.00	4.076	369.353	-150.00
-4.306	367.946	-150.00	-4.000	368.405	-2.00	59+0.000	368.485	368.115	0.369	4.000	368.405	-2.00	4.089	368.271	-150.00

...Leôncio da ... Filho
...
Projetos e Obras ...
Secretaria ...

-4.321	366.602	-150.00	-4.000	367.084	-2.00	60+0.000	367.164	366.768	0.397	4.000	367.084	-2.00	4.106	366.925	-150.00
-4.311	365.247	-150.00	-4.000	365.714	-2.00	61+0.000	365.794	365.431	0.363	4.000	365.714	-2.00	4.075	365.601	-150.00
-4.245	363.767	-150.00	-4.000	364.135	-2.00	62+0.000	364.215	363.875	0.340	4.000	364.135	-2.00	4.113	363.965	-150.00
-4.220	362.353	-150.00	-4.000	362.684	-2.00	63+0.000	362.764	362.411	0.353	4.000	362.684	-2.00	4.144	362.467	-150.00
-4.166	360.968	-150.00	-4.000	361.217	-2.00	64+0.000	361.297	360.939	0.358	4.000	361.217	-2.00	4.205	360.909	-150.00
-4.184	359.378	-150.00	-4.000	359.655	-2.00	65+0.000	359.735	359.348	0.387	4.000	359.655	-2.00	4.223	359.320	-150.00
-4.175	357.830	-150.00	-4.000	358.092	-2.00	66+0.000	358.172	357.797	0.375	4.000	358.092	-2.00	4.238	357.735	-150.00
-4.186	356.219	-150.00	-4.000	356.498	-2.00	67+0.000	356.578	356.231	0.347	4.000	356.498	-2.00	4.219	356.170	-150.00
-4.194	354.437	-150.00	-4.000	354.728	-2.00	68+0.000	354.808	354.426	0.382	4.000	354.728	-2.00	4.208	354.416	-150.00
-4.196	352.663	-150.00	-4.000	352.956	-2.00	69+0.000	353.036	352.648	0.388	4.000	352.956	-2.00	4.224	352.620	-150.00
-4.168	350.933	-150.00	-4.000	351.185	-2.00	70+0.000	351.265	350.863	0.402	4.000	351.185	-2.00	4.262	350.792	-150.00
-4.168	349.160	-150.00	-4.000	349.413	-2.00	71+0.000	349.493	349.090	0.403	4.000	349.413	-2.00	4.258	349.026	-150.00
-4.162	347.398	-150.00	-4.000	347.641	-2.00	72+0.000	347.721	347.346	0.375	4.000	347.641	-2.00	4.232	347.293	-150.00
-4.146	345.650	-150.00	-4.000	345.870	-2.00	73+0.000	345.950	345.601	0.349	4.000	345.870	-2.00	4.214	345.549	-150.00
-4.169	343.954	-150.00	-4.000	344.207	-2.00	74+0.000	344.287	343.923	0.364	4.000	344.207	-2.00	4.190	343.922	-150.00
-4.386	342.367	-150.00	-4.000	342.946	-2.00	75+0.000	343.026	342.378	0.648	4.000	342.946	-2.00	4.327	342.456	-150.00
-4.288	341.586	-150.00	-4.000	342.018	-2.00	76+0.000	342.098	341.652	0.447	4.000	342.018	-2.00	4.202	341.716	-150.00
-4.355	341.130	-150.00	-4.000	341.663	-2.00	77+0.000	341.743	341.316	0.427	4.000	341.663	-2.00	4.200	341.363	-150.00
-4.701	341.726	-150.00	-4.000	342.778	-2.00	78+0.000	342.858	341.775	1.083	4.000	342.778	-2.00	4.637	341.823	-150.00
-4.681	342.889	-150.00	-4.000	343.910	-2.00	79+0.000	343.990	343.090	0.901	4.000	343.910	-2.00	4.421	343.279	-150.00
-4.406	344.663	-150.00	-4.000	345.271	-2.00	80+0.000	345.351	344.843	0.509	4.000	345.271	-2.00	4.182	344.998	-150.00
-4.409	347.120	-150.00	-4.000	347.734	-2.00	81+0.000	347.814	347.242	0.571	4.000	347.734	-2.00	4.328	347.242	-150.00
-4.287	349.638	-150.00	-4.000	350.069	-2.00	82+0.000	350.149	349.595	0.554	4.000	350.069	-2.00	4.350	349.544	-150.00
-4.256	351.737	-150.00	-4.000	352.122	-2.00	83+0.000	352.202	351.687	0.514	4.000	352.122	-2.00	4.347	351.601	-150.00
-4.238	353.735	-150.00	-4.000	354.092	-2.00	84+0.000	354.172	353.679	0.493	4.000	354.092	-2.00	4.341	353.580	-150.00
-4.229	355.660	-150.00	-4.000	356.004	-2.00	85+0.000	356.084	355.564	0.520	4.000	356.004	-2.00	4.359	355.465	-150.00
-4.224	357.580	-150.00	-4.000	357.915	-2.00	86+0.000	357.995	357.461	0.535	4.000	357.915	-2.00	4.400	357.316	-150.00
-4.168	359.403	-150.00	-4.000	359.656	-2.00	87+0.000	359.736	359.219	0.516	4.000	359.656	-2.00	4.421	359.025	-150.00
-4.274	360.655	-150.00	-4.000	361.066	-2.00	88+0.000	361.146	360.677	0.470	4.000	361.066	-2.00	4.316	360.593	-150.00
-4.359	361.907	-150.00	-4.000	362.446	-2.00	89+0.000	362.526	361.994	0.532	4.000	362.446	-2.00	4.283	362.022	-150.00
-4.258	363.320	-150.00	-4.000	363.706	-2.00	90+0.000	363.786	363.358	0.428	4.000	363.706	-2.00	4.220	363.376	-150.00
-4.246	364.439	-150.00	-4.000	364.807	-2.00	91+0.000	364.887	364.547	0.340	4.000	364.807	-2.00	4.133	364.608	-150.00
-4.331	365.361	-150.00	-4.000	365.857	-2.00	92+0.000	365.937	365.461	0.476	4.000	365.857	-2.00	4.219	365.528	-150.00
-4.274	365.895	-150.00	-4.000	366.306	-2.00	93+0.000	366.386	365.919	0.467	4.000	366.306	-2.00	4.254	365.925	-150.00
-4.219	366.284	-150.00	-4.000	366.613	-2.00	94+0.000	366.693	366.223	0.470	4.000	366.613	-2.00	4.327	366.122	-150.00
-4.310	366.372	-150.00	-4.000	366.837	-2.00	95+0.000	366.917	366.342	0.576	4.000	366.837	-2.00	4.351	366.311	-150.00
-4.314	366.591	-150.00	-4.000	367.062	-2.00	96+0.000	367.142	366.589	0.553	4.000	367.062	-2.00	4.322	366.579	-150.00
-4.220	366.960	-150.00	-4.000	367.290	-2.00	97+0.000	367.370	366.917	0.453	4.000	367.290	-2.00	4.282	366.867	-150.00
-4.259	367.444	-150.00	-4.000	367.833	-2.00	98+0.000	367.913	367.487	0.426	4.000	367.833	-2.00	4.255	367.451	-150.00
-4.302	367.998	-150.00	-4.000	368.452	-2.00	99+0.000	368.532	368.087	0.445	4.000	368.452	-2.00	4.196	368.158	-150.00
-4.215	368.835	-150.00	-4.000	369.158	-2.00	100+0.000	369.238	368.901	0.337	4.000	369.158	-2.00	4.128	368.965	-150.00
-4.177	369.599	-150.00	-4.000	369.864	-2.00	101+0.000	369.944	369.660	0.284	4.000	369.864	-2.00	4.121	369.683	-150.00
-4.199	370.239	-150.00	-4.000	370.537	-2.00	102+0.000	370.617	370.242	0.375	4.000	370.537	-2.00	4.195	370.245	-150.00
-4.261	370.630	-150.00	-4.000	371.021	-2.00	103+0.000	371.101	370.639	0.461	4.000	371.021	-2.00	4.260	370.631	-150.00
-4.287	370.960	-150.00	-4.000	371.390	-2.00	104+0.000	371.470	370.947	0.524	4.000	371.390	-2.00	4.314	370.920	-150.00
-4.367	371.209	-150.00	-4.000	371.760	-2.00	105+0.000	371.840	371.197	0.643	4.000	371.760	-2.00	4.384	371.185	-150.00
-4.385	371.552	-150.00	-4.000	372.130	-2.00	106+0.000	372.210	371.486	0.724	4.000	372.130	-2.00	4.491	371.394	-150.00
-4.452	371.821	-150.00	-4.000	372.499	-2.00	107+0.000	372.579	371.754	0.826	4.000	372.499	-2.00	4.543	371.686	-150.00
-4.417	372.243	-150.00	-4.000	372.869	-2.00	108+0.000	372.949	372.206	0.744	4.000	372.869	-2.00	4.487	372.139	-150.00
-4.367	372.688	-150.00	-4.000	373.239	-2.00	109+0.000	373.319	372.655	0.664	4.000	373.239	-2.00	4.414	372.617	-150.00
-4.302	373.155	-150.00	-4.000	373.608	-2.00	110+0.000	373.688	373.118	0.571	4.000	373.608	-2.00	4.353	373.079	-150.00
-4.259	373.590	-150.00	-4.000	373.978	-2.00	111+0.000	374.058	373.550	0.508	4.000	373.978	-2.00	4.310	373.514	-150.00
-4.270	373.884	-150.00	-4.000	374.288	-2.00	112+0.000	374.368	373.923	0.445	4.000	374.288	-2.00	4.274	373.877	-150.00
-4.300	373.846	-150.00	-4.000	374.296	-2.00	113+0.000	374.376	373.934	0.442	4.000	374.296	-2.00	4.184	374.019	-150.00
-4.285	373.706	-150.00	-4.000	374.133	-2.00	114+0.000	374.213	373.780	0.434	4.000	374.133	-2.00	4.195	373.841	-150.00
-4.301	373.474	-150.00	-4.000	373.925	-2.00	115+0.000	374.005	373.539	0.466	4.000	373.925	-2.00	4.214	373.605	-150.00
-4.278	373.300	-150.00	-4.000	373.717	-2.00	116+0.000	373.797	373.367	0.430	4.000	373.717	-2.00	4.190	373.432	-150.00
-4.273	373.220	-150.00	-4.000	373.630	-2.00	117+0.000	373.710	373.277	0.434	4.000	373.630	-2.00	4.190	373.345	-150.00
-4.277	373.268	-150.00	-4.000	373.683	-2.00	118+0.000	373.763	373.324	0.439	4.000	373.683	-2.00	4.202	373.380	-150.00
-4.252	373.434	-150.00	-4.000	373.813	-2.00	119+0.000	373.893	373.494	0.399	4.000	373.813	-2.00	4.181	373.542	-150.00
-4.237	373.596	-150.00	-4.000	373.951	-2.00	120+0.000	374.031	373.639	0.392	4.000	373.951	-2.00	4.179	373.682	-150.00
-4.272	373.681	-150.00	-4.000	374.089	-2.00	121+0.000	374.169	373.724	0.445	4.000	374.089	-2.00	4.220	373.759	-150.00
-4.265	373.718	-150.00	-4.000	374.115	-2.00	122+0.000	374.195	373.673	0.522	4.000	374.115	-2.00	4.300	373.665	-150.00
-4.323	373.643	-150.00	-4.000	374.129	-2.00	123+0.000	374.209	373.598	0.610	4.000	374.129	-2.00	4.389	373.545	-150.00
-4.452	373.463	-150.00	-4.000	374.142	-2.00	124+0.000	374.222	373.408	0.814	4.000	374.142	-2.00	4.526	373.352	-150.00
-4.574	373.294	-150.00	-4.000	374.155	-2.00	125+0.000	374.235	373.243	0.992	4.000	374.155	-2.00	4.643	373.191	-150.00
-4.663	373.175	-150.00	-4.000	374.169	-2.00	126+0.000	374.249	373.121	1.128	4.000	374.169	-2.00	4.735	373.066	-150.00

Osvaldo Leão
Diretor
Projetos
Secretaria

-4.624	373.247	-150.00	-4.000	374.182	-2.00	127+0.000	374.262	373.215	1.048	4.000	374.182	-2.00	4.667	373.182	-150.00
-4.524	373.410	-150.00	-4.000	374.196	-2.00	128+0.000	374.276	373.381	0.895	4.000	374.196	-2.00	4.563	373.351	-150.00
-4.406	373.601	-150.00	-4.000	374.209	-2.00	129+0.000	374.289	373.595	0.694	4.000	374.209	-2.00	4.413	373.590	-150.00
-4.294	373.782	-150.00	-4.000	374.223	-2.00	130+0.000	374.303	373.768	0.535	4.000	374.223	-2.00	4.313	373.753	-150.00
-4.225	373.898	-150.00	-4.000	374.236	-2.00	131+0.000	374.316	373.875	0.441	4.000	374.236	-2.00	4.266	373.837	-150.00
-4.186	373.896	-150.00	-4.000	374.175	-2.00	132+0.000	374.255	373.858	0.397	4.000	374.175	-2.00	4.238	373.819	-150.00
-4.149	373.857	-150.00	-4.000	374.081	-2.00	133+0.000	374.161	373.816	0.345	4.000	374.081	-2.00	4.202	373.778	-150.00
-4.131	373.790	-150.00	-4.000	373.986	-2.00	134+0.000	374.066	373.764	0.302	4.000	373.986	-2.00	4.165	373.739	-150.00
-4.116	373.717	-150.00	-4.000	373.892	-2.00	135+0.000	373.972	373.688	0.284	4.000	373.892	-2.00	4.155	373.659	-150.00
-4.114	373.626	-150.00	-4.000	373.797	-2.00	136+0.000	373.877	373.597	0.280	4.000	373.797	-2.00	4.157	373.561	-150.00
-4.066	373.603	-150.00	-4.000	373.703	-2.00	137+0.000	373.783	373.573	0.210	4.000	373.703	-2.00	4.106	373.543	-150.00
-4.027	373.567	-150.00	-4.000	373.608	-2.00	138+0.000	373.688	373.535	0.153	4.000	373.608	-2.00	4.070	373.503	-150.00
			-4.000	373.513	-2.00	139+0.000	373.593	373.489	0.105	4.000	373.513	-2.00	4.028	373.471	-150.00
-4.038	373.362	-150.00	-4.000	373.419	-2.00	140+0.000	373.499	373.381	0.118	4.000	373.419	-2.00	4.043	373.355	-150.00
-4.130	373.129	-150.00	-4.000	373.324	-2.00	141+0.000	373.404	373.152	0.252	4.000	373.324	-2.00	4.099	373.175	-150.00
-4.188	372.947	-150.00	-4.000	373.230	-2.00	142+0.000	373.310	372.952	0.357	4.000	373.230	-2.00	4.187	372.949	-150.00
-4.248	372.763	-150.00	-4.000	373.135	-2.00	143+0.000	373.215	372.771	0.444	4.000	373.135	-2.00	4.237	372.779	-150.00
-4.253	372.661	-150.00	-4.000	373.040	-2.00	144+0.000	373.120	372.664	0.456	4.000	373.040	-2.00	4.248	372.669	-150.00
-4.234	372.595	-150.00	-4.000	372.947	-2.00	145+0.000	373.027	372.592	0.435	4.000	372.947	-2.00	4.265	372.549	-150.00
ASFALTO EXISTENTE						146+0.000	372.475	372.475	0.000	ASFALTO EXISTENTE					
						147+0.000	372.460	372.460	0.000						
						148+0.000	372.387	372.387	0.000						
						149+0.000	372.222	372.222	0.000						
						150+0.000	372.041	372.041	0.000						
						151+0.000	371.856	371.856	0.000						
						152+0.000	371.458	371.458	0.000						
						153+0.000	371.119	371.119	0.000						
						154+0.000	370.674	370.674	0.000						
						155+0.000	370.516	370.516	0.000						
						156+0.000	370.359	370.359	0.000						
						157+0.000	370.472	370.472	0.000						
						158+0.000	370.633	370.633	0.000						
						159+0.000	370.967	370.967	0.000						
						160+0.000	371.392	371.392	0.000						
						161+0.000	372.204	372.204	0.000						
						162+0.000	372.737	372.737	0.000						
						163+0.000	373.279	373.279	0.000						
						164+0.000	373.742	373.742	0.000						
						165+0.000	373.855	373.855	0.000						
						166+0.000	373.871	373.871	0.000						
						167+0.000	373.827	373.827	0.000						
						168+0.000	373.529	373.529	0.000						
						169+0.000	373.249	373.249	0.000						
						170+0.000	372.857	372.857	0.000						
						171+0.000	372.386	372.386	0.000						
						172+0.000	372.236	372.236	0.000						
-4.219	372.076	-150.00	-4.000	372.404	-2.00	173+0.000	372.484	372.059	0.425	4.000	372.404	-2.00	4.241	372.042	-150.00
-4.250	371.866	-150.00	-4.000	372.240	-2.00	174+0.000	372.320	371.890	0.430	4.000	372.240	-2.00	4.217	371.915	-150.00
-4.285	371.934	-150.00	-4.000	372.362	-2.00	175+0.000	372.442	371.958	0.484	4.000	372.362	-2.00	4.254	371.982	-150.00
-4.285	372.066	-150.00	-4.000	372.494	-2.00	176+0.000	372.574	372.088	0.486	4.000	372.494	-2.00	4.256	372.110	-150.00
-4.270	372.311	-150.00	-4.000	372.715	-2.00	177+0.000	372.795	372.344	0.451	4.000	372.715	-2.00	4.225	372.378	-150.00
-4.267	372.736	-150.00	-4.000	373.137	-2.00	178+0.000	373.217	372.767	0.449	4.000	373.137	-2.00	4.224	372.800	-150.00
-4.275	373.294	-150.00	-4.000	373.707	-2.00	179+0.000	373.787	373.311	0.475	4.000	373.707	-2.00	4.252	373.328	-150.00
-4.285	374.039	-150.00	-4.000	374.467	-2.00	180+0.000	374.547	374.060	0.487	4.000	374.467	-2.00	4.258	374.080	-150.00
-4.371	374.670	-150.00	-4.000	375.227	-2.00	181+0.000	375.307	374.732	0.575	4.000	375.227	-2.00	4.289	374.793	-150.00
-4.377	375.422	-150.00	-4.000	375.987	-2.00	182+0.000	376.067	375.489	0.577	4.000	375.987	-2.00	4.276	375.572	-150.00
-4.350	376.221	-150.00	-4.000	376.747	-2.00	183+0.000	376.827	376.312	0.514	4.000	376.747	-2.00	4.242	376.383	-150.00
-4.317	377.031	-150.00	-4.000	377.506	-2.00	184+0.000	377.586	377.115	0.471	4.000	377.506	-2.00	4.211	377.190	-150.00
-4.272	377.855	-150.00	-4.000	378.264	-2.00	185+0.000	378.344	377.956	0.388	4.000	378.264	-2.00	4.142	378.051	-150.00
-4.319	378.542	-150.00	-4.000	379.020	-2.00	186+0.000	379.100	378.647	0.454	4.000	379.020	-2.00	4.181	378.748	-150.00
-4.261	379.129	-150.00	-4.000	379.522	-2.00	187+0.000	379.602	379.248	0.354	4.000	379.522	-2.00	4.107	379.361	-150.00
-4.189	379.498	-150.00	-4.000	379.781	-2.00	188+0.000	379.861	379.582	0.279	4.000	379.781	-2.00	4.078	379.664	-150.00
-4.348	379.471	-150.00	-4.000	379.994	-2.00	189+0.000	380.074	379.642	0.432	4.000	379.994	-2.00	4.128	379.801	-150.00
-4.320	379.527	-150.00	-4.000	380.007	-2.00	190+0.000	380.087	379.699	0.388	4.000	380.007	-2.00	4.097	379.862	-150.00
-4.366	379.471	-150.00	-4.000	380.020	-2.00	191+0.000	380.100	379.649	0.452	4.000	380.020	-2.00	4.136	379.817	-150.00
-4.365	379.486	-150.00	-4.000	380.034	-2.00	192+0.000	380.114	379.565	0.549	4.000	380.034	-2.00	4.262	379.641	-150.00
-4.453	379.387	-150.00	-4.000	380.067	-2.00	193+0.000	380.147	379.471	0.676	4.000	380.067	-2.00	4.343	379.553	-150.00

Osvaldo Leoncio da S...
Diretor da Empresa de ...
Presidente Prudente - ...
Secretaria de ...

-4.315	379.709	-150.00	-4.000	380.182	-2.00	194+0.000	380.262	379.694	0.568	4.000	380.182	-2.00	4.355	379.650	-150.00
-4.310	379.912	-150.00	-4.000	380.377	-2.00	195+0.000	380.457	379.868	0.590	4.000	380.377	-2.00	4.370	379.823	-150.00
-4.219	380.332	-150.00	-4.000	380.659	-2.00	196+0.000	380.739	380.279	0.460	4.000	380.659	-2.00	4.273	380.249	-150.00
-4.184	380.846	-150.00	-4.000	381.122	-2.00	197+0.000	381.202	380.799	0.404	4.000	381.122	-2.00	4.248	380.750	-150.00
-4.188	381.303	-150.00	-4.000	381.585	-2.00	198+0.000	381.665	381.227	0.438	4.000	381.585	-2.00	4.273	381.176	-150.00
-4.198	381.751	-150.00	-4.000	382.048	-2.00	199+0.000	382.128	381.715	0.413	4.000	382.048	-2.00	4.247	381.677	-150.00
-4.191	382.224	-150.00	-4.000	382.511	-2.00	200+0.000	382.591	382.182	0.409	4.000	382.511	-2.00	4.245	382.143	-150.00
-4.210	382.659	-150.00	-4.000	382.974	-2.00	201+0.000	383.054	382.629	0.424	4.000	382.974	-2.00	4.250	382.599	-150.00
-4.185	383.158	-150.00	-4.000	383.437	-2.00	202+0.000	383.517	383.139	0.378	4.000	383.437	-2.00	4.218	383.110	-150.00
-4.220	383.569	-150.00	-4.000	383.899	-2.00	203+0.000	383.979	383.546	0.434	4.000	383.899	-2.00	4.252	383.522	-150.00
-4.242	383.881	-150.00	-4.000	384.245	-2.00	204+0.000	384.325	383.875	0.450	4.000	384.245	-2.00	4.251	383.868	-150.00
-4.197	384.028	-150.00	-4.000	384.324	-2.00	205+0.000	384.404	384.008	0.396	4.000	384.324	-2.00	4.224	383.988	-150.00
-4.228	383.800	-150.00	-4.000	384.141	-2.00	206+0.000	384.221	383.802	0.419	4.000	384.141	-2.00	4.218	383.814	-150.00
-4.246	383.526	-150.00	-4.000	383.895	-2.00	207+0.000	383.975	383.543	0.432	4.000	383.895	-2.00	4.222	383.563	-150.00
-4.356	383.473	-150.00	-4.000	384.008	-2.00	208+0.000	384.088	383.487	0.601	4.000	384.008	-2.00	4.338	383.501	-150.00
-4.462	383.440	-150.00	-4.000	384.133	-2.00	209+0.000	384.213	383.456	0.758	4.000	384.133	-2.00	4.439	383.475	-150.00
-4.557	383.423	-150.00	-4.000	384.259	-2.00	210+0.000	384.339	383.449	0.889	4.000	384.259	-2.00	4.522	383.476	-150.00
-4.474	383.674	-150.00	-4.000	384.384	-2.00	211+0.000	384.464	383.722	0.742	4.000	384.384	-2.00	4.409	383.770	-150.00
-4.239	384.152	-150.00	-4.000	384.510	-2.00	212+0.000	384.590	384.146	0.444	4.000	384.510	-2.00	4.261	384.119	-150.00
-4.228	384.434	-150.00	-4.000	384.776	-2.00	213+0.000	384.856	384.405	0.451	4.000	384.776	-2.00	4.267	384.376	-150.00
-4.203	384.558	-150.00	-4.000	384.862	-2.00	214+0.000	384.942	384.503	0.439	4.000	384.862	-2.00	4.277	384.447	-150.00
-4.167	384.341	-150.00	-4.000	384.592	-2.00	215+0.000	384.672	384.247	0.425	4.000	384.592	-2.00	4.305	384.135	-150.00
-4.106	383.912	-150.00	-4.000	384.070	-2.00	216+0.000	384.150	383.787	0.363	4.000	384.070	-2.00	4.275	383.658	-150.00
-4.097	382.971	-150.00	-4.000	383.116	-2.00	217+0.000	383.196	382.880	0.316	4.000	383.116	-2.00	4.228	382.774	-150.00
-4.126	381.696	-150.00	-4.000	381.885	-2.00	218+0.000	381.965	381.593	0.373	4.000	381.885	-2.00	4.267	381.485	-150.00
-4.185	380.229	-150.00	-4.000	380.506	-2.00	219+0.000	380.586	380.130	0.457	4.000	380.506	-2.00	4.319	380.028	-150.00
-4.123	378.940	-150.00	-4.000	379.125	-2.00	220+0.000	379.205	378.882	0.323	4.000	379.125	-2.00	4.217	378.799	-150.00
-4.136	377.901	-150.00	-4.000	378.105	-2.00	221+0.000	378.185	377.865	0.320	4.000	378.105	-2.00	4.208	377.792	-150.00
-4.214	377.481	-150.00	-4.000	377.801	-2.00	222+0.000	377.881	377.545	0.336	4.000	377.801	-2.00	4.129	377.609	-150.00
-4.345	377.435	-150.00	-4.000	377.953	-2.00	223+0.000	378.033	377.537	0.496	4.000	377.953	-2.00	4.212	377.635	-150.00
-4.386	377.729	-150.00	-4.000	378.309	-2.00	224+0.000	378.389	377.873	0.516	4.000	378.309	-2.00	4.233	377.959	-150.00
-4.387	378.166	-150.00	-4.000	378.747	-2.00	225+0.000	378.827	378.274	0.553	4.000	378.747	-2.00	4.246	378.378	-150.00
-4.341	378.675	-150.00	-4.000	379.186	-2.00	226+0.000	379.266	378.803	0.463	4.000	379.186	-2.00	4.166	378.936	-150.00
-4.421	379.540	-150.00	-4.000	380.171	-2.00	227+0.000	380.251	379.686	0.565	4.000	380.171	-2.00	4.230	379.827	-150.00
-4.385	380.582	-150.00	-4.000	381.160	-2.00	228+0.000	381.240	380.718	0.522	4.000	381.160	-2.00	4.193	380.871	-150.00
-4.379	381.580	-150.00	-4.000	382.148	-2.00	229+0.000	382.228	381.722	0.506	4.000	382.148	-2.00	4.193	381.859	-150.00
-4.431	382.442	-150.00	-4.000	383.089	-2.00	230+0.000	383.169	382.605	0.564	4.000	383.089	-2.00	4.219	382.760	-150.00
-4.357	382.973	-150.00	-4.000	383.508	-2.00	231+0.000	383.588	383.129	0.460	4.000	383.508	-2.00	4.154	383.277	-150.00
-4.347	383.337	-150.00	-4.000	383.858	-2.00	232+0.000	383.938	383.506	0.432	4.000	383.858	-2.00	4.140	383.648	-150.00
-4.340	383.186	-150.00	-4.000	383.695	-2.00	233+0.000	383.775	383.342	0.434	4.000	383.695	-2.00	4.104	383.539	-150.00
-4.212	382.794	-150.00	-4.000	383.112	-2.00	234+0.000	383.192	382.928	0.264	4.000	383.112	-2.00	4.037	383.056	-150.00
-4.126	382.260	-150.00	-4.000	382.450	-2.00	235+0.000	382.530	382.331	0.199	4.000	382.450	-2.00	4.034	382.399	-150.00
-4.086	381.659	-150.00	-4.000	381.788	-2.00	236+0.000	381.868	381.718	0.150	4.000	381.788	-2.00	4.076	381.675	-150.00
-4.196	380.893	-150.00	-4.000	381.187	-2.00	237+0.000	381.267	380.821	0.446	4.000	381.187	-2.00	4.293	380.747	-150.00
-4.314	380.508	-150.00	-4.000	380.980	-2.00	238+0.000	381.060	380.452	0.608	4.000	380.980	-2.00	4.390	380.395	-150.00
-4.143	380.559	-150.00	-4.000	380.773	-2.00	239+0.000	380.853	380.472	0.381	4.000	380.773	-2.00	4.261	380.382	-150.00
-4.183	380.750	-150.00	-4.000	381.025	-2.00	240+0.000	381.105	380.645	0.460	4.000	381.025	-2.00	4.294	380.584	-150.00
-4.218	381.570	-150.00	-4.000	381.898	-2.00	241+0.000	381.978	381.526	0.452	4.000	381.898	-2.00	4.278	381.481	-150.00
-4.223	382.437	-150.00	-4.000	382.772	-2.00	242+0.000	382.852	382.387	0.465	4.000	382.772	-2.00	4.293	382.332	-150.00
-4.235	383.315	-150.00	-4.000	383.668	-2.00	243+0.000	383.748	383.268	0.480	4.000	383.668	-2.00	4.307	383.208	-150.00
-4.237	384.279	-150.00	-4.000	384.634	-2.00	244+0.000	384.714	384.224	0.490	4.000	384.634	-2.00	4.324	384.147	-150.00
-4.214	384.971	-150.00	-4.000	385.292	-2.00	245+0.000	385.372	384.883	0.488	4.000	385.292	-2.00	4.332	384.793	-150.00
-4.181	385.461	-150.00	-4.000	385.733	-2.00	246+0.000	385.813	385.402	0.411	4.000	385.733	-2.00	4.261	385.341	-150.00
-4.011	385.555	66.67	-4.000	385.548	-2.00	247+0.000	385.628	385.453	0.175	4.000	385.548	-2.00	4.133	385.348	-150.00
-4.037	385.371	66.67	-4.000	385.347	-2.00	248+0.000	385.427	385.268	0.158	4.000	385.347	-2.00	4.123	385.162	-150.00
-4.038	385.088	-150.00	-4.000	385.146	-2.00	249+0.000	385.226	384.974	0.252	4.000	385.146	-2.00	4.194	384.855	-150.00
-4.151	384.718	-150.00	-4.000	384.945	-2.00	250+0.000	385.025	384.625	0.400	4.000	384.945	-2.00	4.277	384.529	-150.00
-4.238	384.729	-150.00	-4.000	385.087	-2.00	251+0.000	385.167	384.646	0.521	4.000	385.087	-2.00	4.351	384.561	-150.00
-4.251	385.035	-150.00	-4.000	385.412	-2.00	252+0.000	385.492	384.957	0.535	4.000	385.412	-2.00	4.357	384.877	-150.00
-4.240	385.378	-150.00	-4.000	385.738	-2.00	253+0.000	385.818	385.347	0.471	4.000	385.738	-2.00	4.315	385.265	-150.00
-4.230	385.706	-150.00	-4.000	386.051	-2.00	254+0.000	386.131	385.664	0.467	4.000	386.051	-2.00	4.298	385.603	-150.00
-4.224	385.961	-150.00	-4.000	386.296	-2.00	255+0.000	386.376	385.940	0.436	4.000	386.296	-2.00	4.251	385.920	-150.00
-4.236	385.785	-150.00	-4.000	386.139	-2.00	256+0.000	386.219	385.791	0.428	4.000	386.139	-2.00	4.227	385.800	-150.00
-4.181	385.517	-150.00	-4.000	385.789	-2.00	257+0.000	385.869	385.534	0.335	4.000	385.789	-2.00	4.159	385.551	-150.00
-4.215	385.115	-150.00	-4.000	385.438	-2.00	258+0.000	385.518	385.127	0.391	4.000	385.438	-2.00	4.199	385.140	-150.00
-4.182	384.618	-150.00	-4.000	384.891	-2.00	259+0.000	384.971	384.613	0.358	4.000	384.891	-2.00	4.189	384.608	-150.00
-4.141	384.074	-150.00	-4.000	384.285	-2.00	260+0.000	384.365	384.061	0.305	4.000	384.285	-2.00	4.162	384.042	-150.00

Secretaría de

-4.119	383.501	-150.00	-4.000	383.680	-2.00	261+0.000	383.760	383.455	0.305	4.000	383.680	-2.00	4.181	383.409	-150.00
-4.089	382.941	-150.00	-4.000	383.075	-2.00	262+0.000	383.155	382.866	0.289	4.000	383.075	-2.00	4.178	382.809	-150.00
-4.087	382.339	-150.00	-4.000	382.470	-2.00	263+0.000	382.550	382.212	0.337	4.000	382.470	-2.00	4.256	382.085	-150.00
-4.174	381.603	-150.00	-4.000	381.864	-2.00	264+0.000	381.944	381.479	0.466	4.000	381.864	-2.00	4.359	381.326	-150.00
-4.266	380.861	-150.00	-4.000	381.259	-2.00	265+0.000	381.339	380.693	0.646	4.000	381.259	-2.00	4.495	380.517	-150.00
-4.283	380.229	-150.00	-4.000	380.654	-2.00	266+0.000	380.734	380.063	0.671	4.000	380.654	-2.00	4.511	379.887	-150.00
-4.143	379.861	-150.00	-4.000	380.076	-2.00	267+0.000	380.156	379.718	0.438	4.000	380.076	-2.00	4.339	379.568	-150.00
-4.145	379.748	-150.00	-4.000	379.965	-2.00	268+0.000	380.045	379.606	0.439	4.000	379.965	-2.00	4.335	379.462	-150.00
-4.150	379.897	-150.00	-4.000	380.122	-2.00	269+0.000	380.202	379.760	0.443	4.000	380.122	-2.00	4.332	379.624	-150.00
-4.168	380.806	-150.00	-4.000	381.058	-2.00	270+0.000	381.138	380.688	0.450	4.000	381.058	-2.00	4.304	380.602	-150.00
-4.167	381.787	-150.00	-4.000	382.038	-2.00	271+0.000	382.118	381.662	0.455	4.000	382.038	-2.00	4.336	381.533	-150.00
-4.191	382.735	-150.00	-4.000	383.022	-2.00	272+0.000	383.102	382.618	0.484	4.000	383.022	-2.00	4.351	382.496	-150.00
-4.149	383.847	-150.00	-4.000	384.071	-2.00	273+0.000	384.151	383.712	0.440	4.000	384.071	-2.00	4.347	383.550	-150.00
-4.175	384.724	-150.00	-4.000	384.986	-2.00	274+0.000	385.066	384.575	0.490	4.000	384.986	-2.00	4.377	384.420	-150.00
-4.164	385.387	-150.00	-4.000	385.633	-2.00	275+0.000	385.713	385.235	0.479	4.000	385.633	-2.00	4.372	385.075	-150.00
-4.165	385.775	-150.00	-4.000	386.023	-2.00	276+0.000	386.103	385.651	0.452	4.000	386.023	-2.00	4.349	385.499	-150.00
-4.159	386.022	-150.00	-4.000	386.261	-2.00	277+0.000	386.341	385.878	0.463	4.000	386.261	-2.00	4.358	385.724	-150.00
-4.125	385.887	-150.00	-4.000	386.074	-2.00	278+0.000	386.154	385.743	0.411	4.000	386.074	-2.00	4.332	385.576	-150.00
-4.090	385.399	-150.00	-4.000	385.534	-2.00	279+0.000	385.614	385.263	0.352	4.000	385.534	-2.00	4.276	385.120	-150.00
-4.107	384.574	-150.00	-4.000	384.734	-2.00	280+0.000	384.814	384.483	0.331	4.000	384.734	-2.00	4.230	384.390	-150.00
-4.161	383.693	-150.00	-4.000	383.935	-2.00	281+0.000	384.015	383.609	0.405	4.000	383.935	-2.00	4.274	383.524	-150.00
-4.170	382.879	-150.00	-4.000	383.135	-2.00	282+0.000	383.215	382.789	0.426	4.000	383.135	-2.00	4.251	382.759	-150.00
-4.199	382.093	-150.00	-4.000	382.392	-2.00	283+0.000	382.472	382.071	0.400	4.000	382.392	-2.00	4.198	382.095	-150.00
-4.257	382.066	-150.00	-4.000	382.452	-2.00	284+0.000	382.532	382.101	0.431	4.000	382.452	-2.00	4.210	382.136	-150.00
-4.290	382.183	-150.00	-4.000	382.618	-2.00	285+0.000	382.698	382.173	0.525	4.000	382.618	-2.00	4.303	382.163	-150.00
-4.277	382.367	-150.00	-4.000	382.783	-2.00	286+0.000	382.863	382.326	0.538	4.000	382.783	-2.00	4.333	382.284	-150.00
-4.239	382.592	-150.00	-4.000	382.949	-2.00	287+0.000	383.029	382.525	0.504	4.000	382.949	-2.00	4.330	382.454	-150.00
-4.198	382.833	-150.00	-4.000	383.130	-2.00	288+0.000	383.210	382.766	0.443	4.000	383.130	-2.00	4.288	382.698	-150.00
-4.251	383.294	-150.00	-4.000	383.670	-2.00	289+0.000	383.750	383.287	0.463	4.000	383.670	-2.00	4.244	383.304	-150.00
-4.262	383.802	-150.00	-4.000	384.196	-2.00	290+0.000	384.276	383.813	0.462	4.000	384.196	-2.00	4.259	383.807	-150.00
-4.266	384.275	-150.00	-4.000	384.674	-2.00	291+0.000	384.754	384.285	0.469	4.000	384.674	-2.00	4.253	384.295	-150.00
-4.261	384.993	-150.00	-4.000	385.384	-2.00	292+0.000	385.464	384.997	0.466	4.000	385.384	-2.00	4.255	385.002	-150.00
-4.277	385.682	-150.00	-4.000	386.097	-2.00	293+0.000	386.177	385.692	0.485	4.000	386.097	-2.00	4.263	385.702	-150.00
-4.262	386.418	-150.00	-4.000	386.811	-2.00	294+0.000	386.891	386.420	0.471	4.000	386.811	-2.00	4.260	386.421	-150.00
-4.266	387.125	-150.00	-4.000	387.523	-2.00	295+0.000	387.603	387.126	0.477	4.000	387.523	-2.00	4.272	387.115	-150.00
-4.267	387.554	-150.00	-4.000	387.954	-2.00	296+0.000	388.034	387.538	0.496	4.000	387.954	-2.00	4.289	387.521	-150.00
-4.240	387.645	-150.00	-4.000	388.006	-2.00	297+0.000	388.086	387.631	0.454	4.000	388.006	-2.00	4.259	387.617	-150.00
-4.243	387.336	-150.00	-4.000	387.701	-2.00	298+0.000	387.781	387.343	0.438	4.000	387.701	-2.00	4.233	387.352	-150.00
-4.263	386.943	-150.00	-4.000	387.338	-2.00	299+0.000	387.418	386.957	0.461	4.000	387.338	-2.00	4.245	386.970	-150.00
-4.266	386.366	-150.00	-4.000	386.765	-2.00	300+0.000	386.845	386.370	0.475	4.000	386.765	-2.00	4.261	386.373	-150.00
-4.295	385.714	-150.00	-4.000	386.157	-2.00	301+0.000	386.237	385.745	0.491	4.000	386.157	-2.00	4.254	385.776	-150.00
-4.249	385.200	-150.00	-4.000	385.574	-2.00	302+0.000	385.654	385.226	0.428	4.000	385.574	-2.00	4.192	385.286	-150.00
-4.275	385.047	-150.00	-4.000	385.459	-2.00	303+0.000	385.539	385.114	0.425	4.000	385.459	-2.00	4.174	385.199	-150.00
-4.300	385.148	-150.00	-4.000	385.598	-2.00	304+0.000	385.678	385.239	0.439	4.000	385.598	-2.00	4.138	385.391	-150.00
-4.329	385.451	-150.00	-4.000	385.945	-2.00	305+0.000	386.025	385.565	0.460	4.000	385.945	-2.00	4.153	385.716	-150.00
-4.365	385.920	-150.00	-4.000	386.467	-2.00	306+0.000	386.547	386.078	0.468	4.000	386.467	-2.00	4.158	386.229	-150.00
-4.313	386.255	-150.00	-4.000	386.724	-2.00	307+0.000	386.804	386.385	0.419	4.000	386.724	-2.00	4.143	386.509	-150.00
-4.284	386.428	-150.00	-4.000	386.854	-2.00	308+0.000	386.934	386.513	0.422	4.000	386.854	-2.00	4.173	386.595	-150.00
-4.267	386.584	-150.00	-4.000	386.985	-2.00	309+0.000	387.065	386.665	0.400	4.000	386.985	-2.00	4.164	386.739	-150.00
-4.283	386.692	-150.00	-4.000	387.115	-2.00	310+0.000	387.195	386.767	0.429	4.000	387.115	-2.00	4.183	386.840	-150.00
-4.302	386.752	-150.00	-4.000	387.206	-2.00	311+0.000	387.286	386.816	0.470	4.000	387.206	-2.00	4.219	386.878	-150.00
-4.258	386.890	-150.00	-4.000	387.277	-2.00	312+0.000	387.357	386.933	0.424	4.000	387.277	-2.00	4.201	386.975	-150.00
-4.227	387.008	-150.00	-4.000	387.349	-2.00	313+0.000	387.429	387.028	0.401	4.000	387.349	-2.00	4.202	387.045	-150.00
-4.249	387.047	-150.00	-4.000	387.420	-2.00	314+0.000	387.500	387.065	0.435	4.000	387.420	-2.00	4.216	387.096	-150.00
-4.258	387.222	-150.00	-4.000	387.609	-2.00	315+0.000	387.689	387.257	0.432	4.000	387.609	-2.00	4.201	387.308	-150.00
-4.268	387.539	-150.00	-4.000	387.941	-2.00	316+0.000	388.021	387.567	0.454	4.000	387.941	-2.00	4.231	387.594	-150.00
-4.226	388.073	-150.00	-4.000	388.412	-2.00	317+0.000	388.492	388.082	0.410	4.000	388.412	-2.00	4.214	388.092	-150.00
-4.191	388.597	-150.00	-4.000	388.884	-2.00	318+0.000	388.964	388.599	0.365	4.000	388.884	-2.00	4.210	388.569	-150.00
-4.250	388.970	-150.00	-4.000	389.345	-2.00	319+0.000	389.425	388.933	0.492	4.000	389.345	-2.00	4.300	388.895	-150.00
-4.138	388.956	-150.00	-4.000	389.163	-2.00	320+0.000	389.243	388.823	0.419	4.000	389.163	-2.00	4.311	388.697	-150.00
-4.197	388.901	-150.00	-4.000	389.197	-2.00	321+0.000	389.277	388.825	0.452	4.000	389.197	-2.00	4.203	388.893	-150.00
-4.303	389.202	-150.00	-4.000	389.656	-2.00	322+0.000	389.736	389.273	0.463	4.000	389.656	-2.00	4.209	389.343	-150.00
-4.333	389.716	-150.00	-4.000	390.215	-2.00	323+0.000	390.295	389.785	0.510	4.000	390.215	-2.00	4.237	389.860	-150.00
-4.323	390.313	-150.00	-4.000	390.797	-2.00	324+0.000	390.877	390.397	0.480	4.000	390.797	-2.00	4.213	390.478	-150.00
-4.258	390.776	-150.00	-4.000	391.163	-2.00	325+0.000	391.243	390.822	0.421	4.000	391.163	-2.00	4.197	390.868	-150.00
-4.299	390.984	-150.00	-4.000	391.433	-2.00	326+0.000	391.513	391.057	0.457	4.000	391.433	-2.00	4.204	391.127	-150.00
-4.277	391.253	-150.00	-4.000	391.669	-2.00	327+0.000	391.749	391.297	0.451	4.000	391.669	-2.00	4.191	391.382	-150.00

Osvaldo Leonardo da Silv

-4.301	391.330	-150.00	-4.000	391.781	-2.00	328+0.000	391.861	391.425	0.436	4.000	391.781	-2.00	4.176	391.518	-150.00
-4.351	391.546	-150.00	-4.000	392.073	-2.00	329+0.000	392.153	391.629	0.524	4.000	392.073	-2.00	4.242	391.711	-150.00
-4.453	391.828	-150.00	-4.000	392.507	-2.00	330+0.000	392.587	391.863	0.724	4.000	392.507	-2.00	4.406	391.898	-150.00
-4.310	392.475	-150.00	-4.000	392.940	-2.00	331+0.000	393.020	392.446	0.574	4.000	392.940	-2.00	4.349	392.417	-150.00
-4.266	392.975	-150.00	-4.000	393.374	-2.00	332+0.000	393.454	392.907	0.547	4.000	393.374	-2.00	4.357	392.838	-150.00
-4.211	393.513	-150.00	-4.000	393.829	-2.00	333+0.000	393.909	393.443	0.466	4.000	393.829	-2.00	4.297	393.383	-150.00
-4.210	394.130	-150.00	-4.000	394.444	-2.00	334+0.000	394.524	394.048	0.477	4.000	394.444	-2.00	4.322	393.961	-150.00
-4.211	394.619	-150.00	-4.000	394.935	-2.00	335+0.000	395.015	394.558	0.458	4.000	394.935	-2.00	4.293	394.496	-150.00
-4.148	394.865	-150.00	-4.000	395.087	-2.00	336+0.000	395.167	394.786	0.381	4.000	395.087	-2.00	4.255	394.705	-150.00
-4.154	395.003	-150.00	-4.000	395.234	-2.00	337+0.000	395.314	394.915	0.399	4.000	395.234	-2.00	4.273	394.825	-150.00
-4.183	395.084	-150.00	-4.000	395.359	-2.00	338+0.000	395.439	394.994	0.444	4.000	395.359	-2.00	4.308	394.897	-150.00
-4.157	395.010	-150.00	-4.000	395.246	-2.00	339+0.000	395.326	394.898	0.428	4.000	395.246	-2.00	4.333	394.746	-150.00
-4.081	394.837	-150.00	-4.000	394.959	-2.00	340+0.000	395.039	394.687	0.351	4.000	394.959	-2.00	4.286	394.530	-150.00
-4.031	394.567	-150.00	-4.000	394.614	-2.00	341+0.000	394.694	394.401	0.293	4.000	394.614	-2.00	4.257	394.228	-150.00
-4.064	394.311	66.67	-4.000	394.269	-2.00	342+0.000	394.349	394.124	0.225	4.000	394.269	-2.00	4.227	393.929	-150.00
-4.047	393.955	66.67	-4.000	393.924	-2.00	343+0.000	394.004	393.764	0.240	4.000	393.924	-2.00	4.239	393.565	-150.00
-4.033	393.529	-150.00	-4.000	393.579	-2.00	344+0.000	393.659	393.352	0.307	4.000	393.579	-2.00	4.276	393.164	-150.00
-4.062	393.141	-150.00	-4.000	393.234	-2.00	345+0.000	393.314	392.968	0.346	4.000	393.234	-2.00	4.300	392.784	-150.00
-4.096	392.745	-150.00	-4.000	392.888	-2.00	346+0.000	392.968	392.554	0.415	4.000	392.888	-2.00	4.352	392.360	-150.00
-4.082	392.420	-150.00	-4.000	392.543	-2.00	347+0.000	392.623	392.222	0.401	4.000	392.543	-2.00	4.355	392.012	-150.00
-4.117	392.147	-150.00	-4.000	392.322	-2.00	348+0.000	392.402	391.958	0.444	4.000	392.322	-2.00	4.371	391.766	-150.00
-4.186	392.013	-150.00	-4.000	392.292	-2.00	349+0.000	392.372	391.806	0.566	4.000	392.292	-2.00	4.472	391.585	-150.00
-4.146	392.044	-150.00	-4.000	392.262	-2.00	350+0.000	392.342	391.797	0.545	4.000	392.262	-2.00	4.489	391.529	-150.00
-4.067	392.201	-150.00	-4.000	392.302	-2.00	351+0.000	392.382	391.935	0.446	4.000	392.302	-2.00	4.434	391.650	-150.00
-4.138	392.540	-150.00	-4.000	392.747	-2.00	352+0.000	392.827	392.309	0.518	4.000	392.747	-2.00	4.437	392.092	-150.00
-4.130	393.002	-150.00	-4.000	393.196	-2.00	353+0.000	393.276	392.755	0.522	4.000	393.196	-2.00	4.473	392.487	-150.00
-4.097	393.448	-150.00	-4.000	393.593	-2.00	354+0.000	393.673	393.178	0.495	4.000	393.593	-2.00	4.473	392.883	-150.00
-4.035	393.759	-150.00	-4.000	393.812	-2.00	355+0.000	393.892	393.449	0.443	4.000	393.812	-2.00	4.471	393.104	-150.00
-4.015	393.844	-150.00	-4.000	393.867	-2.00	356+0.000	393.947	393.507	0.439	4.000	393.867	-2.00	4.461	393.175	-150.00
-4.019	393.942	-150.00	-4.000	393.971	-2.00	357+0.000	394.051	393.643	0.408	4.000	393.971	-2.00	4.448	393.299	-150.00
-4.024	394.038	-150.00	-4.000	394.075	-2.00	358+0.000	394.155	393.693	0.461	4.000	394.075	-2.00	4.512	393.306	-150.00
-4.026	394.064	-150.00	-4.000	394.103	-2.00	359+0.000	394.183	393.698	0.485	4.000	394.103	-2.00	4.546	393.284	-150.00
-4.047	394.391	-150.00	-4.000	394.462	-2.00	360+0.000	394.542	393.977	0.564	4.000	394.462	-2.00	4.621	393.531	-150.00
-4.069	394.716	-150.00	-4.000	394.820	-2.00	361+0.000	394.900	394.315	0.585	4.000	394.820	-2.00	4.641	393.858	-150.00
-4.041	395.116	-150.00	-4.000	395.178	-2.00	362+0.000	395.258	394.734	0.524	4.000	395.178	-2.00	4.586	394.300	-150.00
-4.010	395.484	66.67	-4.000	395.477	-2.00	363+0.000	395.557	395.137	0.420	4.000	395.477	-2.00	4.484	394.751	-150.00
-4.297	395.870	66.67	-4.000	395.672	-2.00	364+0.000	395.752	395.500	0.252	4.000	395.672	-2.00	4.342	395.159	-150.00
-4.064	395.751	-150.00	-4.000	395.847	-2.00	365+0.000	395.927	395.499	0.428	4.000	395.847	-2.00	4.414	395.226	-150.00
-4.031	395.615	-150.00	-4.000	395.662	-2.00	366+0.000	395.742	395.393	0.349	4.000	395.662	-2.00	4.339	395.154	-150.00
-4.072	395.326	-150.00	-4.000	395.434	-2.00	367+0.000	395.514	395.109	0.405	4.000	395.434	-2.00	4.372	394.876	-150.00
-4.038	395.083	-150.00	-4.000	395.140	-2.00	368+0.000	395.220	394.827	0.393	4.000	395.140	-2.00	4.349	394.617	-150.00
-4.086	394.717	-150.00	-4.000	394.846	-2.00	369+0.000	394.926	394.513	0.414	4.000	394.846	-2.00	4.364	394.301	-150.00
-4.128	394.705	66.67	-4.000	394.619	-2.00	370+0.000	394.699	394.457	0.242	4.000	394.619	-2.00	4.286	394.190	-150.00
-4.118	394.475	66.67	-4.000	394.396	-2.00	371+0.000	394.476	394.208	0.268	4.000	394.396	-2.00	4.312	393.928	-150.00
-4.028	394.131	-150.00	-4.000	394.173	-2.00	372+0.000	394.253	393.852	0.402	4.000	394.173	-2.00	4.377	393.608	-150.00
-4.037	393.902	-150.00	-4.000	393.958	-2.00	373+0.000	394.038	393.659	0.379	4.000	393.958	-2.00	4.374	393.396	-150.00
-4.045	393.676	-150.00	-4.000	393.744	-2.00	374+0.000	393.824	393.425	0.399	4.000	393.744	-2.00	4.401	393.143	-150.00
-4.074	393.172	-150.00	-4.000	393.284	-2.00	375+0.000	393.364	392.924	0.440	4.000	393.284	-2.00	4.417	392.657	-150.00
-4.056	392.830	-150.00	-4.000	392.914	-2.00	376+0.000	392.994	392.569	0.425	4.000	392.914	-2.00	4.396	392.320	-150.00
-4.089	392.845	-150.00	-4.000	392.978	-2.00	377+0.000	393.058	392.623	0.435	4.000	392.978	-2.00	4.388	392.396	-150.00
-4.048	393.268	-150.00	-4.000	393.340	-2.00	378+0.000	393.420	393.034	0.385	4.000	393.340	-2.00	4.371	392.783	-150.00
-4.066	393.646	-150.00	-4.000	393.745	-2.00	379+0.000	393.825	393.383	0.442	4.000	393.745	-2.00	4.431	393.098	-150.00
-4.098	394.154	-150.00	-4.000	394.301	-2.00	380+0.000	394.381	393.911	0.470	4.000	394.301	-2.00	4.435	393.648	-150.00
-4.132	394.714	-150.00	-4.000	394.912	-2.00	381+0.000	394.992	394.477	0.515	4.000	394.912	-2.00	4.448	394.239	-150.00
-4.128	395.262	-150.00	-4.000	395.454	-2.00	382+0.000	395.534	395.062	0.471	4.000	395.454	-2.00	4.403	394.850	-150.00
-4.113	395.769	-150.00	-4.000	395.938	-2.00	383+0.000	396.018	395.576	0.441	4.000	395.938	-2.00	4.377	395.372	-150.00
-4.055	395.986	-150.00	-4.000	396.069	-2.00	384+0.000	396.149	395.804	0.345	4.000	396.069	-2.00	4.306	395.611	-150.00
-4.060	395.786	-150.00	-4.000	395.876	-2.00	385+0.000	395.956	395.609	0.347	4.000	395.876	-2.00	4.303	395.422	-150.00
-4.081	395.321	-150.00	-4.000	395.443	-2.00	386+0.000	395.523	395.159	0.365	4.000	395.443	-2.00	4.304	394.987	-150.00
-4.135	394.753	-150.00	-4.000	394.956	-2.00	387+0.000	395.036	394.586	0.450	4.000	394.956	-2.00	4.364	394.409	-150.00
-4.198	394.116	-150.00	-4.000	394.414	-2.00	388+0.000	394.494	394.006	0.488	4.000	394.414	-2.00	4.348	393.891	-150.00
-4.244	393.506	-150.00	-4.000	393.872	-2.00	389+0.000	393.952	393.426	0.526	4.000	393.872	-2.00	4.352	393.344	-150.00
-4.249	392.956	-150.00	-4.000	393.329	-2.00	390+0.000	393.409	392.878	0.532	4.000	393.329	-2.00	4.346	392.811	-150.00
-4.231	392.441	-150.00	-4.000	392.787	-2.00	391+0.000	392.867	392.373	0.494	4.000	392.787	-2.00	4.315	392.315	-150.00
-4.189	392.069	-150.00	-4.000	392.352	-2.00	392+0.000	392.432	392.014	0.418	4.000	392.352	-2.00	4.251	391.975	-150.00
-4.198	391.836	-150.00	-4.000	392.133	-2.00	393+0.000	392.213	391.782	0.431	4.000	392.133	-2.00	4.263	391.738	-150.00
-4.242	391.989	-150.00	-4.000	392.351	-2.00	394+0.000	392.431	391.919	0.512	4.000	392.351	-2.00	4.325	391.864	-150.00

Projets Urbains - DUI
Secrétariat des Cités et Sécurité

-4.226	392.245	-150.00	-4.000	392.583	-2.00	395+0.000	392.663	392.146	0.517	4.000	392.583	-2.00	4.351	392.057	-150.00
-4.206	392.506	-150.00	-4.000	392.815	-2.00	396+0.000	392.895	392.408	0.488	4.000	392.815	-2.00	4.339	392.306	-150.00
-4.162	392.805	-150.00	-4.000	393.047	-2.00	397+0.000	393.127	392.669	0.458	4.000	393.047	-2.00	4.345	392.529	-150.00
-4.126	393.027	-150.00	-4.000	393.217	-2.00	398+0.000	393.297	392.854	0.442	4.000	393.217	-2.00	4.364	392.671	-150.00
-4.126	393.086	-150.00	-4.000	393.275	-2.00	399+0.000	393.355	392.912	0.443	4.000	393.275	-2.00	4.364	392.729	-150.00
-4.111	393.068	-150.00	-4.000	393.234	-2.00	400+0.000	393.314	392.878	0.437	4.000	393.234	-2.00	4.373	392.675	-150.00
-4.097	392.972	-150.00	-4.000	393.118	-2.00	401+0.000	393.198	392.774	0.424	4.000	393.118	-2.00	4.370	392.562	-150.00
-4.041	392.805	-150.00	-4.000	392.867	-2.00	402+0.000	392.947	392.608	0.339	4.000	392.867	-2.00	4.313	392.397	-150.00
-4.052	392.538	-150.00	-4.000	392.616	-2.00	403+0.000	392.696	392.377	0.319	4.000	392.616	-2.00	4.273	392.207	-150.00
-4.049	392.291	-150.00	-4.000	392.365	-2.00	404+0.000	392.445	392.128	0.317	4.000	392.365	-2.00	4.273	391.956	-150.00
-4.089	391.932	-150.00	-4.000	392.065	-2.00	405+0.000	392.145	391.768	0.377	4.000	392.065	-2.00	4.314	391.594	-150.00
-4.081	391.569	-150.00	-4.000	391.690	-2.00	406+0.000	391.770	391.380	0.390	4.000	391.690	-2.00	4.340	391.180	-150.00
-4.108	391.171	-150.00	-4.000	391.333	-2.00	407+0.000	391.413	390.983	0.430	4.000	391.333	-2.00	4.366	390.784	-150.00
-4.143	390.898	-150.00	-4.000	391.112	-2.00	408+0.000	391.192	390.710	0.482	4.000	391.112	-2.00	4.401	390.510	-150.00
-4.133	390.756	-150.00	-4.000	390.955	-2.00	409+0.000	391.035	390.584	0.451	4.000	390.955	-2.00	4.363	390.411	-150.00
-4.133	390.831	-150.00	-4.000	391.031	-2.00	410+0.000	391.111	390.672	0.439	4.000	391.031	-2.00	4.352	390.503	-150.00
-4.170	391.223	-150.00	-4.000	391.478	-2.00	411+0.000	391.558	391.087	0.471	4.000	391.478	-2.00	4.356	390.944	-150.00
-4.177	391.945	-150.00	-4.000	392.211	-2.00	412+0.000	392.291	391.812	0.479	4.000	392.211	-2.00	4.342	391.698	-150.00
-4.183	392.851	-150.00	-4.000	393.126	-2.00	413+0.000	393.206	392.720	0.486	4.000	393.126	-2.00	4.362	392.583	-150.00
-4.142	393.830	-150.00	-4.000	394.044	-2.00	414+0.000	394.124	393.694	0.429	4.000	394.044	-2.00	4.328	393.552	-150.00
-4.214	394.640	-150.00	-4.000	394.961	-2.00	415+0.000	395.041	394.530	0.511	4.000	394.961	-2.00	4.358	394.424	-150.00
-4.200	395.459	-150.00	-4.000	395.758	-2.00	416+0.000	395.838	395.373	0.465	4.000	395.758	-2.00	4.315	395.285	-150.00
-4.196	395.698	-150.00	-4.000	395.991	-2.00	417+0.000	396.071	395.613	0.458	4.000	395.991	-2.00	4.310	395.526	-150.00
-4.197	395.751	-150.00	-4.000	396.047	-2.00	418+0.000	396.127	395.680	0.446	4.000	396.047	-2.00	4.297	395.602	-150.00
-4.179	395.703	-150.00	-4.000	395.972	-2.00	419+0.000	396.052	395.634	0.418	4.000	395.972	-2.00	4.309	395.509	-150.00
-4.187	395.316	-150.00	-4.000	395.597	-2.00	420+0.000	395.677	395.171	0.505	4.000	395.597	-2.00	4.423	394.962	-150.00
-4.126	395.019	-150.00	-4.000	395.208	-2.00	421+0.000	395.288	394.822	0.466	4.000	395.208	-2.00	4.401	394.607	-150.00
-4.123	394.814	-150.00	-4.000	394.999	-2.00	422+0.000	395.079	394.628	0.450	4.000	394.999	-2.00	4.378	394.431	-150.00
-4.217	394.721	-150.00	-4.000	395.046	-2.00	423+0.000	395.126	394.530	0.596	4.000	395.046	-2.00	4.477	394.331	-150.00
-4.310	394.666	-150.00	-4.000	395.130	-2.00	424+0.000	395.210	394.506	0.704	4.000	395.130	-2.00	4.528	394.339	-150.00
-4.373	394.655	-150.00	-4.000	395.214	-2.00	425+0.000	395.294	394.545	0.749	4.000	395.214	-2.00	4.521	394.432	-150.00
-4.209	394.985	-150.00	-4.000	395.299	-2.00	426+0.000	395.379	394.861	0.517	4.000	395.299	-2.00	4.389	394.715	-150.00
-4.152	395.155	-150.00	-4.000	395.383	-2.00	427+0.000	395.463	395.017	0.446	4.000	395.383	-2.00	4.340	394.872	-150.00
-4.115	395.212	-150.00	-4.000	395.384	-2.00	428+0.000	395.464	395.046	0.418	4.000	395.384	-2.00	4.342	394.871	-150.00
-4.113	395.159	-150.00	-4.000	395.329	-2.00	429+0.000	395.409	394.992	0.417	4.000	395.329	-2.00	4.342	394.816	-150.00
-4.195	394.980	-150.00	-4.000	395.273	-2.00	430+0.000	395.353	394.819	0.534	4.000	395.273	-2.00	4.379	394.705	-150.00
-4.207	394.908	-150.00	-4.000	395.218	-2.00	431+0.000	395.298	394.828	0.470	4.000	395.218	-2.00	4.314	394.747	-150.00
-4.185	394.327	-150.00	-4.000	394.604	-2.00	432+0.000	394.684	394.263	0.421	4.000	394.604	-2.00	4.304	394.148	-150.00
-4.185	393.529	-150.00	-4.000	393.807	-2.00	433+0.000	393.887	393.483	0.404	4.000	393.807	-2.00	4.315	393.335	-150.00
-4.142	392.796	-150.00	-4.000	393.009	-2.00	434+0.000	393.089	392.698	0.391	4.000	393.009	-2.00	4.308	392.548	-150.00
-4.133	392.206	-150.00	-4.000	392.406	-2.00	435+0.000	392.486	392.062	0.424	4.000	392.406	-2.00	4.330	391.911	-150.00
-4.147	391.657	-150.00	-4.000	391.878	-2.00	436+0.000	391.958	391.531	0.427	4.000	391.878	-2.00	4.318	391.401	-150.00
-4.152	391.122	-150.00	-4.000	391.350	-2.00	437+0.000	391.430	390.996	0.434	4.000	391.350	-2.00	4.322	390.867	-150.00
-4.111	390.347	-150.00	-4.000	390.514	-2.00	438+0.000	390.594	390.232	0.361	4.000	390.514	-2.00	4.267	390.113	-150.00
			-4.000	389.414	-2.00	439+0.000	389.494	389.324	0.170	4.000	389.414	-2.00	4.121	389.233	-150.00
-4.191	388.028	-150.00	-4.000	388.314	-2.00	440+0.000	388.394	387.941	0.453	4.000	388.314	-2.00	4.308	387.853	-150.00
-4.327	386.724	-150.00	-4.000	387.214	-2.00	441+0.000	387.294	386.633	0.662	4.000	387.214	-2.00	4.449	386.542	-150.00
-4.406	385.506	-150.00	-4.000	386.115	-2.00	442+0.000	386.195	385.426	0.769	4.000	386.115	-2.00	4.514	385.343	-150.00
-4.232	384.667	-150.00	-4.000	385.015	-2.00	443+0.000	385.095	384.626	0.469	4.000	385.015	-2.00	4.287	384.585	-150.00
-4.209	384.493	-150.00	-4.000	384.807	-2.00	444+0.000	384.887	384.447	0.440	4.000	384.807	-2.00	4.255	384.425	-150.00
-4.238	385.114	-150.00	-4.000	385.471	-2.00	445+0.000	385.551	385.092	0.459	4.000	385.471	-2.00	4.268	385.069	-150.00
-4.310	386.100	-150.00	-4.000	386.565	-2.00	446+0.000	386.645	386.146	0.499	4.000	386.565	-2.00	4.246	386.197	-150.00
-4.322	387.242	-150.00	-4.000	387.724	-2.00	447+0.000	387.804	387.302	0.503	4.000	387.724	-2.00	4.233	387.375	-150.00
-4.331	388.327	-150.00	-4.000	388.824	-2.00	448+0.000	388.904	388.392	0.512	4.000	388.824	-2.00	4.239	388.465	-150.00
-4.290	388.753	-150.00	-4.000	389.189	-2.00	449+0.000	389.269	388.799	0.470	4.000	389.189	-2.00	4.230	388.843	-150.00
-4.295	388.739	-150.00	-4.000	389.182	-2.00	450+0.000	389.262	388.805	0.456	4.000	389.182	-2.00	4.207	388.871	-150.00
-4.284	388.061	-150.00	-4.000	388.487	-2.00	451+0.000	388.567	388.097	0.470	4.000	388.487	-2.00	4.246	388.117	-150.00
-4.210	386.229	-150.00	-4.000	386.545	-2.00	452+0.000	386.625	386.275	0.349	4.000	386.545	-2.00	4.149	386.321	-150.00
-4.062	383.880	-150.00	-4.000	383.973	-2.00	453+0.000	384.053	383.761	0.292	4.000	383.973	-2.00	4.224	383.637	-150.00
-4.012	380.556	66.67	-4.000	380.548	-2.00	454+0.000	380.628	380.384	0.244	4.000	380.548	-2.00	4.312	380.080	-150.00
-4.252	376.935	66.67	-4.000	376.767	-2.00	455+0.000	376.847	376.601	0.246	4.000	376.767	-2.00	4.323	376.283	-150.00
-4.348	373.302	66.67	-4.000	373.070	-2.00	456+0.000	373.150	372.886	0.265	4.000	373.070	-2.00	4.329	372.576	-150.00
-4.425	370.343	66.67	-4.000	370.060	-2.00	457+0.000	370.140	369.851	0.290	4.000	370.060	-2.00	4.472	369.353	-150.00
-4.255	368.096	66.67	-4.000	367.926	-2.00	458+0.000	368.006	367.719	0.287	4.000	367.926	-2.00	4.301	367.474	-150.00
-4.065	366.834	-150.00	-4.000	366.932	-2.00	459+0.000	367.012	366.610	0.401	4.000	366.932	-2.00	4.367	366.382	-150.00
-4.092	366.313	-150.00	-4.000	366.450	-2.00	460+0.000	366.530	366.123	0.407	4.000	366.450	-2.00	4.298	366.003	-150.00
-4.214	366.153	-150.00	-4.000	366.474	-2.00	461+0.000	366.554	366.099	0.454	4.000	366.474	-2.00	4.286	366.045	-150.00

Geysibel Lemos da Silva
Diretor
Projetos e Obras
Secretaria

-4.173	366.459	-150.00	-4.000	366.718	-2.00	462+0.000	366.798	366.330	0.468	4.000	366.718	-2.00	4.275	366.305	-150.00
-4.188	366.450	-150.00	-4.000	366.732	-2.00	463+0.000	366.812	366.383	0.429	4.000	366.732	-2.00	4.278	366.315	-150.00
ASFALTO EXISTENTE						464+0.000	366.391	366.391	0.000	ASFALTO EXISTENTE					
						465+0.000	366.472	366.472	0.000						
						466+0.000	366.704	366.704	0.000						
						467+0.000	366.852	366.852	0.000						
						468+0.000	366.955	366.955	0.000						
						469+0.000	367.109	367.109	0.000						
						470+0.000	367.185	367.185	0.000						
						471+0.000	367.012	367.012	0.000						
						472+0.000	366.755	366.755	0.000						
						473+0.000	366.322	366.322	0.000						
-4.121	366.288	-150.00	-4.000	366.469	-2.00	474+0.000	366.549	366.119	0.430	4.000	366.469	-2.00	4.255	366.086	-150.00
-4.115	366.427	-150.00	-4.000	366.600	-2.00	475+0.000	366.680	366.234	0.446	4.000	366.600	-2.00	4.374	366.039	-150.00
-4.119	366.891	-150.00	-4.000	367.069	-2.00	476+0.000	367.149	366.729	0.420	4.000	367.069	-2.00	4.340	366.559	-150.00
-4.193	367.586	-150.00	-4.000	367.876	-2.00	477+0.000	367.956	367.442	0.514	4.000	367.876	-2.00	4.367	367.325	-150.00
-4.184	368.720	-150.00	-4.000	368.997	-2.00	478+0.000	369.077	368.557	0.520	4.000	368.997	-2.00	4.408	368.385	-150.00
-4.188	369.859	-150.00	-4.000	370.140	-2.00	479+0.000	370.220	369.726	0.494	4.000	370.140	-2.00	4.395	369.548	-150.00
-4.204	370.266	-150.00	-4.000	370.573	-2.00	480+0.000	370.653	370.186	0.467	4.000	370.573	-2.00	4.281	370.151	-150.00
-4.202	370.616	-150.00	-4.000	370.919	-2.00	481+0.000	370.999	370.533	0.466	4.000	370.919	-2.00	4.292	370.481	-150.00
-4.266	370.551	-150.00	-4.000	370.950	-2.00	482+0.000	371.030	370.593	0.436	4.000	370.950	-2.00	4.210	370.635	-150.00
-4.284	370.532	-150.00	-4.000	370.957	-2.00	483+0.000	371.037	370.596	0.441	4.000	370.957	-2.00	4.199	370.659	-150.00
-4.281	370.682	-150.00	-4.000	371.103	-2.00	484+0.000	371.183	370.766	0.416	4.000	371.103	-2.00	4.182	370.829	-150.00
-4.330	370.757	-150.00	-4.000	371.253	-2.00	485+0.000	371.333	370.895	0.438	4.000	371.253	-2.00	4.138	371.045	-150.00
-4.349	370.982	-150.00	-4.000	371.506	-2.00	486+0.000	371.586	371.136	0.449	4.000	371.506	-2.00	4.148	371.284	-150.00
-4.364	371.553	-150.00	-4.000	372.099	-2.00	487+0.000	372.179	371.733	0.446	4.000	372.099	-2.00	4.131	371.903	-150.00
-4.463	372.126	-150.00	-4.000	372.820	-2.00	488+0.000	372.900	372.370	0.530	4.000	372.820	-2.00	4.193	372.531	-150.00
-4.302	373.087	-150.00	-4.000	373.540	-2.00	489+0.000	373.620	373.162	0.458	4.000	373.540	-2.00	4.211	373.224	-150.00
-4.384	373.979	-150.00	-4.000	374.555	-2.00	490+0.000	374.635	374.131	0.503	4.000	374.555	-2.00	4.185	374.277	-150.00
-4.358	375.776	-150.00	-4.000	376.312	-2.00	491+0.000	376.392	375.873	0.520	4.000	376.312	-2.00	4.196	376.019	-150.00
-4.404	377.827	-150.00	-4.000	378.434	-2.00	492+0.000	378.514	377.948	0.566	4.000	378.434	-2.00	4.293	377.994	-150.00
-4.489	380.024	-150.00	-4.000	380.758	-2.00	493+0.000	380.838	380.085	0.752	4.000	380.758	-2.00	4.408	380.146	-150.00
-4.447	382.410	-150.00	-4.000	383.081	-2.00	494+0.000	383.161	382.510	0.651	4.000	383.081	-2.00	4.316	382.607	-150.00
-4.393	384.801	-150.00	-4.000	385.390	-2.00	495+0.000	385.470	384.910	0.560	4.000	385.390	-2.00	4.283	384.966	-150.00
-4.275	387.007	-150.00	-4.000	387.419	-2.00	496+0.000	387.499	387.006	0.493	4.000	387.419	-2.00	4.276	387.004	-150.00
-4.236	388.664	-150.00	-4.000	389.018	-2.00	497+0.000	389.098	388.595	0.503	4.000	389.018	-2.00	4.329	388.523	-150.00
-4.264	389.765	-150.00	-4.000	390.161	-2.00	498+0.000	390.241	389.702	0.539	4.000	390.161	-2.00	4.350	389.637	-150.00
-4.173	389.990	-150.00	-4.000	390.249	-2.00	499+0.000	390.329	389.899	0.430	4.000	390.249	-2.00	4.310	389.785	-150.00
-4.179	389.858	-150.00	-4.000	390.126	-2.00	500+0.000	390.206	389.763	0.443	4.000	390.126	-2.00	4.355	389.593	-150.00
-4.173	389.376	-150.00	-4.000	389.636	-2.00	501+0.000	389.716	389.300	0.415	4.000	389.636	-2.00	4.289	389.202	-150.00
-4.150	388.867	-150.00	-4.000	389.092	-2.00	502+0.000	389.172	388.772	0.400	4.000	389.092	-2.00	4.278	388.674	-150.00
-4.216	388.488	-150.00	-4.000	388.812	-2.00	503+0.000	388.892	388.438	0.454	4.000	388.812	-2.00	4.283	388.387	-150.00
-4.330	388.859	-150.00	-4.000	389.354	-2.00	504+0.000	389.434	388.700	0.734	4.000	389.354	-2.00	4.547	388.533	-150.00
-4.399	389.297	-150.00	-4.000	389.896	-2.00	505+0.000	389.976	389.163	0.813	4.000	389.896	-2.00	4.581	389.024	-150.00
-4.352	389.910	-150.00	-4.000	390.438	-2.00	506+0.000	390.518	389.646	0.872	4.000	390.438	-2.00	4.718	389.361	-150.00
-4.230	390.635	-150.00	-4.000	390.980	-2.00	507+0.000	391.060	390.513	0.547	4.000	390.980	-2.00	4.492	390.242	-150.00
-4.157	391.091	-150.00	-4.000	391.326	-2.00	508+0.000	391.406	390.978	0.428	4.000	391.326	-2.00	4.310	390.861	-150.00
-4.104	391.301	-150.00	-4.000	391.457	-2.00	509+0.000	391.537	391.187	0.350	4.000	391.457	-2.00	4.259	391.068	-150.00
-4.171	391.330	-150.00	-4.000	391.587	-2.00	510+0.000	391.667	391.239	0.428	4.000	391.587	-2.00	4.295	391.145	-150.00
-4.177	391.384	-150.00	-4.000	391.650	-2.00	511+0.000	391.730	391.287	0.443	4.000	391.650	-2.00	4.308	391.188	-150.00
-4.239	391.432	-150.00	-4.000	391.791	-2.00	512+0.000	391.871	391.446	0.425	4.000	391.791	-2.00	4.221	391.460	-150.00
-4.245	391.680	-150.00	-4.000	392.047	-2.00	513+0.000	392.127	391.663	0.464	4.000	392.047	-2.00	4.267	391.647	-150.00
-4.251	392.040	-150.00	-4.000	392.416	-2.00	514+0.000	392.496	392.018	0.477	4.000	392.416	-2.00	4.290	391.980	-150.00
-4.270	392.605	-150.00	-4.000	393.011	-2.00	515+0.000	393.091	392.539	0.552	4.000	393.011	-2.00	4.359	392.472	-150.00
-4.318	393.128	-150.00	-4.000	393.606	-2.00	516+0.000	393.686	393.055	0.631	4.000	393.606	-2.00	4.417	392.980	-150.00
-4.193	393.911	-150.00	-4.000	394.201	-2.00	517+0.000	394.281	393.803	0.478	4.000	394.201	-2.00	4.347	393.681	-150.00
-4.188	394.514	-150.00	-4.000	394.796	-2.00	518+0.000	394.876	394.400	0.476	4.000	394.796	-2.00	4.344	394.281	-150.00
-4.179	394.983	-150.00	-4.000	395.252	-2.00	519+0.000	395.332	394.877	0.454	4.000	395.252	-2.00	4.378	394.684	-150.00
-4.172	395.232	-150.00	-4.000	395.491	-2.00	520+0.000	395.571	395.128	0.443	4.000	395.491	-2.00	4.314	395.019	-150.00
-4.229	395.669	-150.00	-4.000	396.012	-2.00	521+0.000	396.092	395.577	0.515	4.000	396.012	-2.00	4.353	395.482	-150.00
-4.241	396.304	-150.00	-4.000	396.665	-2.00	522+0.000	396.745	396.219	0.525	4.000	396.665	-2.00	4.354	396.133	-150.00
-4.224	397.197	-150.00	-4.000	397.533	-2.00	523+0.000	397.613	397.126	0.487	4.000	397.533	-2.00	4.301	397.081	-150.00
-4.250	398.207	-150.00	-4.000	398.582	-2.00	524+0.000	398.662	398.167	0.494	4.000	398.582	-2.00	4.307	398.121	-150.00
-4.264	399.225	-150.00	-4.000	399.622	-2.00	525+0.000	399.702	399.216	0.485	4.000	399.622	-2.00	4.291	399.185	-150.00
-4.245	400.169	-150.00	-4.000	400.537	-2.00	526+0.000	400.617	400.126	0.491	4.000	400.537	-2.00	4.303	400.082	-150.00
-4.243	401.086	-150.00	-4.000	401.450	-2.00	527+0.000	401.530	401.044	0.486	4.000	401.450	-2.00	4.351	400.923	-150.00
-4.188	401.906	-150.00	-4.000	402.187	-2.00	528+0.000	402.267	401.792	0.475	4.000	402.187	-2.00	4.342	401.674	-150.00

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-4.204	402.715	-150.00	-4.000	403.021	-2.00	529+0.000	403.101	402.622	0.479	4.000	403.021	-2.00	4.330	402.527	-150.00
-4.215	403.522	-150.00	-4.000	403.844	-2.00	530+0.000	403.924	403.444	0.480	4.000	403.844	-2.00	4.338	403.338	-150.00
-4.191	404.276	-150.00	-4.000	404.563	-2.00	531+0.000	404.643	404.164	0.479	4.000	404.563	-2.00	4.344	404.048	-150.00
-4.159	404.879	-150.00	-4.000	405.117	-2.00	532+0.000	405.197	404.732	0.465	4.000	405.117	-2.00	4.359	404.578	-150.00
-4.153	405.135	-150.00	-4.000	405.364	-2.00	533+0.000	405.444	405.066	0.378	4.000	405.364	-2.00	4.260	404.974	-150.00
-4.196	405.301	-150.00	-4.000	405.595	-2.00	534+0.000	405.675	405.228	0.446	4.000	405.595	-2.00	4.312	405.126	-150.00
-4.204	405.445	-150.00	-4.000	405.752	-2.00	535+0.000	405.832	405.345	0.487	4.000	405.752	-2.00	4.337	405.247	-150.00
-4.242	405.538	-150.00	-4.000	405.901	-2.00	536+0.000	405.981	405.525	0.455	4.000	405.901	-2.00	4.295	405.458	-150.00
-4.310	405.545	-150.00	-4.000	406.009	-2.00	537+0.000	406.089	405.533	0.556	4.000	406.009	-2.00	4.326	405.521	-150.00
-4.372	405.561	-150.00	-4.000	406.118	-2.00	538+0.000	406.198	405.549	0.649	4.000	406.118	-2.00	4.382	405.544	-150.00
-4.432	405.579	-150.00	-4.000	406.227	-2.00	539+0.000	406.307	405.565	0.741	4.000	406.227	-2.00	4.446	405.558	-150.00
-4.487	405.605	-150.00	-4.000	406.336	-2.00	540+0.000	406.416	405.590	0.825	4.000	406.336	-2.00	4.507	405.575	-150.00
-4.415	405.822	-150.00	-4.000	406.444	-2.00	541+0.000	406.524	405.850	0.675	4.000	406.444	-2.00	4.378	405.876	-150.00
-4.243	406.223	-150.00	-4.000	406.588	-2.00	542+0.000	406.668	406.212	0.456	4.000	406.588	-2.00	4.237	406.232	-150.00
-4.216	406.923	-150.00	-4.000	407.248	-2.00	543+0.000	407.328	406.879	0.449	4.000	407.248	-2.00	4.275	406.835	-150.00
-4.209	407.640	-150.00	-4.000	407.954	-2.00	544+0.000	408.034	407.603	0.431	4.000	407.954	-2.00	4.259	407.566	-150.00
-4.174	408.399	-150.00	-4.000	408.660	-2.00	545+0.000	408.740	408.361	0.379	4.000	408.660	-2.00	4.224	408.324	-150.00
-4.182	409.093	-150.00	-4.000	409.366	-2.00	546+0.000	409.446	409.017	0.429	4.000	409.366	-2.00	4.249	408.992	-150.00
-4.298	409.609	-150.00	-4.000	410.056	-2.00	547+0.000	410.136	409.581	0.554	4.000	410.056	-2.00	4.335	409.553	-150.00
-4.307	409.920	-150.00	-4.000	410.381	-2.00	548+0.000	410.461	409.837	0.623	4.000	410.381	-2.00	4.418	409.753	-150.00
-4.296	409.755	-150.00	-4.000	410.200	-2.00	549+0.000	410.280	409.781	0.499	4.000	410.200	-2.00	4.270	409.796	-150.00
-4.236	409.343	-150.00	-4.000	409.697	-2.00	550+0.000	409.777	409.334	0.443	4.000	409.697	-2.00	4.247	409.327	-150.00
-4.211	408.840	-150.00	-4.000	409.156	-2.00	551+0.000	409.236	408.804	0.432	4.000	409.156	-2.00	4.259	408.768	-150.00
-4.252	408.140	-150.00	-4.000	408.518	-2.00	552+0.000	408.598	408.054	0.544	4.000	408.518	-2.00	4.353	407.989	-150.00
-4.203	407.575	-150.00	-4.000	407.880	-2.00	553+0.000	407.960	407.520	0.440	4.000	407.880	-2.00	4.308	407.418	-150.00
-4.212	407.149	-150.00	-4.000	407.467	-2.00	554+0.000	407.547	407.029	0.518	4.000	407.467	-2.00	4.376	406.903	-150.00
-4.237	406.742	-150.00	-4.000	407.098	-2.00	555+0.000	407.178	406.619	0.559	4.000	407.098	-2.00	4.387	406.518	-150.00
-4.172	406.471	-150.00	-4.000	406.729	-2.00	556+0.000	406.809	406.275	0.534	4.000	406.729	-2.00	4.464	406.033	-150.00
-4.100	406.210	-150.00	-4.000	406.360	-2.00	557+0.000	406.440	405.987	0.453	4.000	406.360	-2.00	4.408	405.748	-150.00
-4.099	405.681	-150.00	-4.000	405.830	-2.00	558+0.000	405.910	405.424	0.486	4.000	405.830	-2.00	4.454	405.149	-150.00
-4.173	404.936	-150.00	-4.000	405.196	-2.00	559+0.000	405.276	404.777	0.499	4.000	405.196	-2.00	4.391	404.610	-150.00
-4.124	404.376	-150.00	-4.000	404.561	-2.00	560+0.000	404.641	404.213	0.429	4.000	404.561	-2.00	4.353	404.032	-150.00
-4.127	403.736	-150.00	-4.000	403.927	-2.00	561+0.000	404.007	403.588	0.419	4.000	403.927	-2.00	4.300	403.477	-150.00
-4.154	403.061	-150.00	-4.000	403.292	-2.00	562+0.000	403.372	402.981	0.391	4.000	403.292	-2.00	4.262	402.899	-150.00
-4.340	402.867	-150.00	-4.000	403.377	-2.00	563+0.000	403.457	402.852	0.605	4.000	403.377	-2.00	4.286	402.948	-150.00
-4.310	403.268	-150.00	-4.000	403.733	-2.00	564+0.000	403.813	403.363	0.451	4.000	403.733	-2.00	4.186	403.455	-150.00
-4.337	403.504	-150.00	-4.000	404.009	-2.00	565+0.000	404.089	403.610	0.479	4.000	404.009	-2.00	4.100	403.860	-150.00
-4.478	404.336	-150.00	-4.000	405.052	-2.00	566+0.000	405.132	404.622	0.510	4.000	405.052	-2.00	4.113	404.883	-150.00
-4.427	405.674	-150.00	-4.000	406.316	-2.00	567+0.000	406.396	405.919	0.477	4.000	406.316	-2.00	4.138	406.108	-150.00
-4.338	406.746	-150.00	-4.000	407.253	-2.00	568+0.000	407.333	406.856	0.477	4.000	407.253	-2.00	4.195	406.961	-150.00
-4.342	407.993	-150.00	-4.000	408.506	-2.00	569+0.000	408.586	408.075	0.511	4.000	408.506	-2.00	4.234	408.155	-150.00
-4.272	409.181	-150.00	-4.000	409.589	-2.00	570+0.000	409.669	409.187	0.482	4.000	409.589	-2.00	4.264	409.192	-150.00
-4.267	409.915	-150.00	-4.000	410.316	-2.00	571+0.000	410.396	409.923	0.472	4.000	410.316	-2.00	4.256	409.932	-150.00
-4.270	410.642	-150.00	-4.000	411.047	-2.00	572+0.000	411.127	410.654	0.473	4.000	411.047	-2.00	4.238	410.689	-150.00
-4.225	411.554	-150.00	-4.000	411.892	-2.00	573+0.000	411.972	411.581	0.391	4.000	411.892	-2.00	4.195	411.599	-150.00
-4.239	412.304	-150.00	-4.000	412.663	-2.00	574+0.000	412.743	412.320	0.422	4.000	412.663	-2.00	4.217	412.337	-150.00
-4.261	412.973	-150.00	-4.000	413.365	-2.00	575+0.000	413.445	412.981	0.464	4.000	413.365	-2.00	4.253	412.986	-150.00
-4.289	413.541	-150.00	-4.000	413.975	-2.00	576+0.000	414.055	413.585	0.470	4.000	413.975	-2.00	4.231	413.629	-150.00
-4.313	414.104	-150.00	-4.000	414.574	-2.00	577+0.000	414.654	414.153	0.501	4.000	414.574	-2.00	4.248	414.202	-150.00
-4.295	414.521	-150.00	-4.000	414.964	-2.00	578+0.000	415.044	414.563	0.481	4.000	414.964	-2.00	4.240	414.605	-150.00
-4.429	414.458	-150.00	-4.000	415.102	-2.00	579+0.000	415.182	414.561	0.620	4.000	415.102	-2.00	4.288	414.670	-150.00
-4.610	414.076	-150.00	-4.000	414.992	-2.00	580+0.000	415.072	414.256	0.816	4.000	414.992	-2.00	4.369	414.439	-150.00
-4.346	414.485	-150.00	-4.000	415.004	-2.00	581+0.000	415.084	414.606	0.478	4.000	415.004	-2.00	4.188	414.723	-150.00
-4.360	414.489	-150.00	-4.000	415.030	-2.00	582+0.000	415.110	414.419	0.691	4.000	415.030	-2.00	4.455	414.347	-150.00
-4.191	414.861	-150.00	-4.000	415.147	-2.00	583+0.000	415.227	414.772	0.455	4.000	415.147	-2.00	4.311	414.680	-150.00
-4.209	415.208	-150.00	-4.000	415.522	-2.00	584+0.000	415.602	415.131	0.471	4.000	415.522	-2.00	4.289	415.089	-150.00
-4.392	415.683	-150.00	-4.000	416.271	-2.00	585+0.000	416.351	415.651	0.700	4.000	416.271	-2.00	4.430	415.626	-150.00
-4.290	416.657	-150.00	-4.000	417.091	-2.00	586+0.000	417.171	416.618	0.554	4.000	417.091	-2.00	4.353	416.562	-150.00
-4.293	417.473	-150.00	-4.000	417.912	-2.00	587+0.000	417.992	417.337	0.655	4.000	417.912	-2.00	4.478	417.195	-150.00
-4.177	418.467	-150.00	-4.000	418.733	-2.00	588+0.000	418.813	418.334	0.478	4.000	418.733	-2.00	4.358	418.196	-150.00
-4.175	419.276	-150.00	-4.000	419.538	-2.00	589+0.000	419.618	419.139	0.479	4.000	419.538	-2.00	4.370	418.983	-150.00
-4.238	419.766	-150.00	-4.000	420.123	-2.00	590+0.000	420.203	419.626	0.577	4.000	420.123	-2.00	4.429	419.479	-150.00
-4.044	419.848	-150.00	-4.000	419.914	-2.00	591+0.000	419.994	419.691	0.302	4.000	419.914	-2.00	4.258	419.526	-150.00
-4.231	418.510	-150.00	-4.000	418.856	-2.00	592+0.000	418.936	418.441	0.495	4.000	418.856	-2.00	4.323	418.370	-150.00
-4.114	416.777	-150.00	-4.000	416.948	-2.00	593+0.000	417.028	416.738	0.290	4.000	416.948	-2.00	4.182	416.676	-150.00
-4.108	414.442	-150.00	-4.000	414.603	-2.00	594+0.000	414.683	414.365	0.318	4.000	414.603	-2.00	4.187	414.322	-150.00
-4.072	411.991	-150.00	-4.000	412.099	-2.00	595+0.000	412.179	411.883	0.296	4.000	412.099	-2.00	4.216	411.775	-150.00

-4.065	409.575	-150.00	-4.000	409.672	-2.00	596+0.000	409.752	409.445	0.307	4.000	409.672	-2.00	4.242	409.309	-150.00
-4.221	407.609	66.67	-4.000	407.461	-2.00	597+0.000	407.541	407.451	0.090	4.000	407.461	-2.00	4.109	407.297	-150.00
-4.339	405.477	66.67	-4.000	405.250	-2.00	598+0.000	405.330	405.356	-0.026	4.000	405.250	-2.00	4.015	405.228	-150.00
-4.028	402.998	-150.00	-4.000	403.040	-2.00	599+0.000	403.120	402.850	0.270	4.000	403.040	-2.00	4.192	402.752	-150.00
-4.163	400.670	-150.00	-4.000	400.914	-2.00	600+0.000	400.994	400.586	0.408	4.000	400.914	-2.00	4.277	400.499	-150.00
-4.105	398.748	-150.00	-4.000	398.905	-2.00	601+0.000	398.985	398.644	0.341	4.000	398.905	-2.00	4.221	398.574	-150.00
-4.089	397.518	-150.00	-4.000	397.651	-2.00	602+0.000	397.731	397.387	0.344	4.000	397.651	-2.00	4.292	397.214	-150.00
-4.116	396.648	-150.00	-4.000	396.822	-2.00	603+0.000	396.902	396.511	0.391	4.000	396.822	-2.00	4.303	396.368	-150.00
-4.232	396.225	-150.00	-4.000	396.574	-2.00	604+0.000	396.654	396.101	0.552	4.000	396.574	-2.00	4.400	395.973	-150.00
-4.198	396.039	-150.00	-4.000	396.335	-2.00	605+0.000	396.415	395.970	0.445	4.000	396.335	-2.00	4.312	395.867	-150.00
-4.045	396.274	-150.00	-4.000	396.342	-2.00	606+0.000	396.422	396.136	0.286	4.000	396.342	-2.00	4.234	395.991	-150.00
-4.195	396.058	-150.00	-4.000	396.350	-2.00	607+0.000	396.430	395.968	0.462	4.000	396.350	-2.00	4.313	395.881	-150.00
-4.213	396.027	-150.00	-4.000	396.347	-2.00	608+0.000	396.427	395.993	0.434	4.000	396.347	-2.00	4.262	395.954	-150.00
-4.101	395.365	-150.00	-4.000	395.517	-2.00	609+0.000	395.597	395.216	0.381	4.000	395.517	-2.00	4.394	394.926	-150.00
-4.058	394.635	66.67	-4.000	394.596	-2.00	610+0.000	394.676	394.381	0.295	4.000	394.596	-2.00	4.324	394.111	-150.00
-4.258	393.894	66.67	-4.000	393.722	-2.00	611+0.000	393.802	393.577	0.225	4.000	393.722	-2.00	4.311	393.256	-150.00
-4.082	392.770	66.67	-4.000	392.716	-2.00	612+0.000	392.796	392.429	0.366	4.000	392.716	-2.00	4.438	392.059	-150.00
-4.281	391.483	66.67	-4.000	391.296	-2.00	613+0.000	391.376	391.093	0.282	4.000	391.296	-2.00	4.442	390.633	-150.00
-4.100	389.942	66.67	-4.000	389.876	-2.00	614+0.000	389.956	389.526	0.429	4.000	389.876	-2.00	4.512	389.107	-150.00
-4.396	388.778	66.67	-4.000	388.513	-2.00	615+0.000	388.593	388.292	0.302	4.000	388.513	-2.00	4.478	387.796	-150.00
-4.140	387.456	66.67	-4.000	387.362	-2.00	616+0.000	387.442	386.902	0.540	4.000	387.362	-2.00	4.710	386.297	-150.00
-4.144	386.350	66.67	-4.000	386.254	-2.00	617+0.000	386.334	385.915	0.419	4.000	386.254	-2.00	4.544	385.438	-150.00
-4.093	385.962	66.67	-4.000	385.900	-2.00	618+0.000	385.980	385.590	0.390	4.000	385.900	-2.00	4.478	385.183	-150.00
-4.158	385.743	66.67	-4.000	385.637	-2.00	619+0.000	385.717	385.334	0.383	4.000	385.637	-2.00	4.527	384.847	-150.00
-4.059	385.891	66.67	-4.000	385.852	-2.00	620+0.000	385.932	385.459	0.472	4.000	385.852	-2.00	4.587	384.972	-150.00
-4.034	385.697	-150.00	-4.000	385.748	-2.00	621+0.000	385.828	385.324	0.505	4.000	385.748	-2.00	4.565	384.901	-150.00
-4.151	385.065	-150.00	-4.000	385.291	-2.00	622+0.000	385.371	384.857	0.514	4.000	385.291	-2.00	4.438	384.634	-150.00
-4.152	384.606	-150.00	-4.000	384.834	-2.00	623+0.000	384.914	384.535	0.379	4.000	384.834	-2.00	4.247	384.463	-150.00
-4.178	384.055	-150.00	-4.000	384.322	-2.00	624+0.000	384.402	384.013	0.388	4.000	384.322	-2.00	4.477	383.606	-150.00
-4.141	382.962	-150.00	-4.000	383.173	-2.00	625+0.000	383.253	382.612	0.641	4.000	383.173	-2.00	4.635	382.220	-150.00
-4.197	381.726	-150.00	-4.000	382.021	-2.00	626+0.000	382.101	381.567	0.534	4.000	382.021	-2.00	4.414	381.400	-150.00
-4.310	380.405	-150.00	-4.000	380.869	-2.00	627+0.000	380.949	380.269	0.680	4.000	380.869	-2.00	4.494	380.128	-150.00
-4.165	379.470	-150.00	-4.000	379.717	-2.00	628+0.000	379.797	379.303	0.494	4.000	379.717	-2.00	4.393	379.128	-150.00
-4.122	378.378	-150.00	-4.000	378.562	-2.00	629+0.000	378.642	378.245	0.397	4.000	378.562	-2.00	4.307	378.101	-150.00
-4.093	377.262	-150.00	-4.000	377.401	-2.00	630+0.000	377.481	377.110	0.371	4.000	377.401	-2.00	4.305	376.943	-150.00
-4.214	376.715	-150.00	-4.000	377.036	-2.00	631+0.000	377.116	376.627	0.489	4.000	377.036	-2.00	4.333	376.536	-150.00
-4.344	376.345	-150.00	-4.000	376.862	-2.00	632+0.000	376.942	376.189	0.753	4.000	376.862	-2.00	4.537	376.057	-150.00
-4.181	376.416	-150.00	-4.000	376.687	-2.00	633+0.000	376.767	376.260	0.507	4.000	376.687	-2.00	4.393	376.097	-150.00
-4.129	376.801	-150.00	-4.000	376.995	-2.00	634+0.000	377.075	376.623	0.453	4.000	376.995	-2.00	4.378	376.428	-150.00
-4.114	377.723	-150.00	-4.000	377.894	-2.00	635+0.000	377.974	377.523	0.451	4.000	377.894	-2.00	4.394	377.303	-150.00
-4.240	379.884	-150.00	-4.000	380.244	-2.00	636+0.000	380.324	379.584	0.740	4.000	380.244	-2.00	4.660	379.254	-150.00
-4.405	382.291	-150.00	-4.000	382.899	-2.00	637+0.000	382.979	381.924	1.055	4.000	382.899	-2.00	4.924	381.513	-150.00
-4.243	385.189	-150.00	-4.000	385.553	-2.00	638+0.000	385.633	384.874	0.759	4.000	385.553	-2.00	4.684	384.527	-150.00
-4.167	387.935	-150.00	-4.000	388.185	-2.00	639+0.000	388.265	387.676	0.589	4.000	388.185	-2.00	4.538	387.378	-150.00
-4.171	390.493	-150.00	-4.000	390.749	-2.00	640+0.000	390.829	390.304	0.525	4.000	390.749	-2.00	4.510	389.984	-150.00
-4.154	392.132	-150.00	-4.000	392.363	-2.00	641+0.000	392.443	391.935	0.508	4.000	392.363	-2.00	4.426	391.724	-150.00
-4.168	393.707	-150.00	-4.000	393.960	-2.00	642+0.000	394.040	393.604	0.435	4.000	393.960	-2.00	4.308	393.498	-150.00
-4.254	395.164	-150.00	-4.000	395.545	-2.00	643+0.000	395.625	395.101	0.523	4.000	395.545	-2.00	4.339	395.037	-150.00
-4.358	396.152	-150.00	-4.000	396.689	-2.00	644+0.000	396.769	396.212	0.557	4.000	396.689	-2.00	4.284	396.263	-150.00
-4.315	397.242	-150.00	-4.000	397.715	-2.00	645+0.000	397.795	397.314	0.481	4.000	397.715	-2.00	4.234	397.364	-150.00
-4.238	398.032	-150.00	-4.000	398.390	-2.00	646+0.000	398.470	398.086	0.383	4.000	398.390	-2.00	4.149	398.167	-150.00
-4.177	398.797	-150.00	-4.000	399.062	-2.00	647+0.000	399.142	398.907	0.235	4.000	399.062	-2.00	4.032	399.014	-150.00
-4.205	399.427	-150.00	-4.000	399.734	-2.00	648+0.000	399.814	399.545	0.270	4.000	399.734	-2.00	4.054	399.653	-150.00
-4.321	399.924	-150.00	-4.000	400.406	-2.00	649+0.000	400.486	400.065	0.422	4.000	400.406	-2.00	4.139	400.198	-150.00
-4.303	400.428	-150.00	-4.000	400.882	-2.00	650+0.000	400.962	400.528	0.434	4.000	400.882	-2.00	4.181	400.610	-150.00
-4.239	400.748	-150.00	-4.000	401.106	-2.00	651+0.000	401.186	400.805	0.381	4.000	401.106	-2.00	4.164	400.861	-150.00
-4.258	400.942	-150.00	-4.000	401.330	-2.00	652+0.000	401.410	400.990	0.420	4.000	401.330	-2.00	4.197	401.035	-150.00
-4.304	401.086	-150.00	-4.000	401.542	-2.00	653+0.000	401.622	401.126	0.496	4.000	401.542	-2.00	4.251	401.165	-150.00
-4.177	400.715	-150.00	-4.000	400.980	-2.00	654+0.000	401.060	400.662	0.398	4.000	400.980	-2.00	4.248	400.607	-150.00
-4.206	400.303	-150.00	-4.000	400.612	-2.00	655+0.000	400.692	400.252	0.440	4.000	400.612	-2.00	4.288	400.180	-150.00
-4.277	400.194	-150.00	-4.000	400.610	-2.00	656+0.000	400.690	400.141	0.550	4.000	400.610	-2.00	4.352	400.082	-150.00
-4.355	400.075	-150.00	-4.000	400.608	-2.00	657+0.000	400.688	400.024	0.664	4.000	400.608	-2.00	4.418	399.981	-150.00
-4.308	400.144	-150.00	-4.000	400.606	-2.00	658+0.000	400.686	400.082	0.604	4.000	400.606	-2.00	4.391	400.020	-150.00
-4.202	400.301	-150.00	-4.000	400.604	-2.00	659+0.000	400.684	400.229	0.456	4.000	400.604	-2.00	4.300	400.154	-150.00
-4.206	400.338	-150.00	-4.000	400.647	-2.00	660+0.000	400.727	400.303	0.424	4.000	400.647	-2.00	4.263	400.253	-150.00
-4.186	400.472	-150.00	-4.000	400.751	-2.00	661+0.000	400.831	400.394	0.437	4.000	400.751	-2.00	4.288	400.319	-150.00
-4.208	400.543	-150.00	-4.000	400.855	-2.00	662+0.000	400.935	400.471	0.465	4.000	400.855	-2.00	4.304	400.399	-150.00

Governo do Estado de São [illegible]
Departamento [illegible]
Projeto [illegible]
Secretaria [illegible]

-4.217	400.635	-150.00	-4.000	400.960	-2.00	663+0.000	401.040	400.568	0.472	4.000	400.960	-2.00	4.307	400.500	-150.00
-4.226	400.724	-150.00	-4.000	401.064	-2.00	664+0.000	401.144	400.652	0.492	4.000	401.064	-2.00	4.322	400.580	-150.00
-4.195	400.875	-150.00	-4.000	401.168	-2.00	665+0.000	401.248	400.799	0.450	4.000	401.168	-2.00	4.299	400.720	-150.00
-4.187	400.991	-150.00	-4.000	401.272	-2.00	666+0.000	401.352	400.914	0.438	4.000	401.272	-2.00	4.292	400.835	-150.00
-4.195	401.062	-150.00	-4.000	401.354	-2.00	667+0.000	401.434	400.997	0.437	4.000	401.354	-2.00	4.286	400.925	-150.00
-4.191	401.015	-150.00	-4.000	401.302	-2.00	668+0.000	401.382	400.961	0.421	4.000	401.302	-2.00	4.276	400.888	-150.00
-4.196	400.955	-150.00	-4.000	401.248	-2.00	669+0.000	401.328	400.922	0.406	4.000	401.248	-2.00	4.235	400.895	-150.00
-4.217	400.870	-150.00	-4.000	401.196	-2.00	670+0.000	401.276	400.841	0.436	4.000	401.196	-2.00	4.249	400.823	-150.00
-4.208	400.879	-150.00	-4.000	401.190	-2.00	671+0.000	401.270	400.837	0.434	4.000	401.190	-2.00	4.248	400.819	-150.00
-4.203	400.924	-150.00	-4.000	401.228	-2.00	672+0.000	401.308	400.870	0.439	4.000	401.228	-2.00	4.256	400.844	-150.00
-4.204	401.008	-150.00	-4.000	401.315	-2.00	673+0.000	401.395	400.949	0.446	4.000	401.315	-2.00	4.276	400.900	-150.00
-4.206	401.779	-150.00	-4.000	402.088	-2.00	674+0.000	402.168	401.690	0.478	4.000	402.088	-2.00	4.297	401.642	-150.00
-4.244	402.458	-150.00	-4.000	402.825	-2.00	675+0.000	402.905	402.423	0.481	4.000	402.825	-2.00	4.328	402.333	-150.00
-4.238	403.147	-150.00	-4.000	403.505	-2.00	676+0.000	403.585	403.112	0.473	4.000	403.505	-2.00	4.315	403.033	-150.00
-4.250	403.642	-150.00	-4.000	404.017	-2.00	677+0.000	404.097	403.624	0.474	4.000	404.017	-2.00	4.305	403.560	-150.00
-4.246	403.879	-150.00	-4.000	404.248	-2.00	678+0.000	404.328	403.871	0.457	4.000	404.248	-2.00	4.268	403.846	-150.00
-4.247	403.721	-150.00	-4.000	404.091	-2.00	679+0.000	404.171	403.716	0.455	4.000	404.091	-2.00	4.256	403.707	-150.00
-4.189	403.540	-150.00	-4.000	403.823	-2.00	680+0.000	403.903	403.470	0.434	4.000	403.823	-2.00	4.284	403.397	-150.00
-4.160	403.219	-150.00	-4.000	403.459	-2.00	681+0.000	403.539	403.139	0.401	4.000	403.459	-2.00	4.325	402.972	-150.00
-4.106	402.619	-150.00	-4.000	402.777	-2.00	682+0.000	402.857	402.461	0.397	4.000	402.777	-2.00	4.322	402.294	-150.00
-4.122	402.247	-150.00	-4.000	402.430	-2.00	683+0.000	402.510	402.087	0.423	4.000	402.430	-2.00	4.341	401.918	-150.00
-4.072	401.896	-150.00	-4.000	402.004	-2.00	684+0.000	402.084	401.731	0.353	4.000	402.004	-2.00	4.299	401.556	-150.00
-4.102	401.297	-150.00	-4.000	401.450	-2.00	685+0.000	401.530	401.128	0.402	4.000	401.450	-2.00	4.334	400.948	-150.00
-4.135	400.986	66.67	-4.000	400.895	-2.00	686+0.000	400.975	400.756	0.219	4.000	400.895	-2.00	4.271	400.489	-150.00
-4.135	400.431	66.67	-4.000	400.341	-2.00	687+0.000	400.421	400.172	0.249	4.000	400.341	-2.00	4.292	399.903	-150.00
-4.005	399.779	-150.00	-4.000	399.787	-2.00	688+0.000	399.867	399.484	0.382	4.000	399.787	-2.00	4.418	399.160	-150.00
-4.013	399.227	-150.00	-4.000	399.247	-2.00	689+0.000	399.327	398.937	0.390	4.000	399.247	-2.00	4.437	398.591	-150.00
-4.058	398.653	-150.00	-4.000	398.739	-2.00	690+0.000	398.819	398.318	0.502	4.000	398.739	-2.00	4.531	397.943	-150.00
-4.118	398.055	-150.00	-4.000	398.232	-2.00	691+0.000	398.312	397.722	0.590	4.000	398.232	-2.00	4.588	397.351	-150.00
-4.048	397.800	-150.00	-4.000	397.872	-2.00	692+0.000	397.952	397.473	0.478	4.000	397.872	-2.00	4.508	397.109	-150.00
-4.057	397.958	-150.00	-4.000	398.043	-2.00	693+0.000	398.123	397.701	0.422	4.000	398.043	-2.00	4.414	397.421	-150.00
-4.030	398.169	-150.00	-4.000	398.214	-2.00	694+0.000	398.294	397.959	0.335	4.000	398.214	-2.00	4.319	397.735	-150.00
-4.071	398.277	-150.00	-4.000	398.384	-2.00	695+0.000	398.464	398.073	0.391	4.000	398.384	-2.00	4.353	397.855	-150.00
-4.365	398.151	66.67	-4.000	397.908	-2.00	696+0.000	397.988	397.989	-0.001	4.000	397.908	-2.00	4.056	397.823	-150.00
-4.185	397.473	66.67	-4.000	397.350	-2.00	697+0.000	397.430	397.345	0.085	4.000	397.350	-2.00	4.087	397.219	-150.00
-4.037	396.736	-150.00	-4.000	396.792	-2.00	698+0.000	396.872	396.635	0.237	4.000	396.792	-2.00	4.162	396.549	-150.00
-4.152	396.007	-150.00	-4.000	396.234	-2.00	699+0.000	396.314	395.936	0.378	4.000	396.234	-2.00	4.247	395.863	-150.00
-4.142	395.475	-150.00	-4.000	395.688	-2.00	700+0.000	395.768	395.402	0.366	4.000	395.688	-2.00	4.240	395.328	-150.00
-4.124	395.041	-150.00	-4.000	395.228	-2.00	701+0.000	395.308	394.869	0.439	4.000	395.228	-2.00	4.324	394.741	-150.00
-4.042	395.106	-150.00	-4.000	395.169	-2.00	702+0.000	395.249	394.950	0.298	4.000	395.169	-2.00	4.218	394.842	-150.00
-4.228	395.262	66.67	-4.000	395.110	-2.00	703+0.000	395.190	395.103	0.086	4.000	395.110	-2.00	4.107	394.950	-150.00
-4.182	395.172	66.67	-4.000	395.051	-2.00	704+0.000	395.131	394.962	0.168	4.000	395.051	-2.00	4.199	394.752	-150.00
-4.039	394.934	-150.00	-4.000	394.992	-2.00	705+0.000	395.072	394.651	0.421	4.000	394.992	-2.00	4.427	394.351	-150.00
-4.089	394.717	-150.00	-4.000	394.851	-2.00	706+0.000	394.931	394.395	0.536	4.000	394.851	-2.00	4.543	394.037	-150.00
-4.350	394.091	-150.00	-4.000	394.616	-2.00	707+0.000	394.696	393.799	0.896	4.000	394.616	-2.00	4.751	393.489	-150.00
-4.133	394.441	-150.00	-4.000	394.641	-2.00	708+0.000	394.721	394.196	0.525	4.000	394.641	-2.00	4.473	393.931	-150.00
-4.225	394.878	-150.00	-4.000	395.215	-2.00	709+0.000	395.295	394.694	0.601	4.000	395.215	-2.00	4.478	394.498	-150.00
-4.338	395.286	-150.00	-4.000	395.793	-2.00	710+0.000	395.873	395.169	0.704	4.000	395.793	-2.00	4.497	395.048	-150.00
-4.290	395.937	-150.00	-4.000	396.372	-2.00	711+0.000	396.452	395.875	0.576	4.000	396.372	-2.00	4.372	395.813	-150.00
-4.350	396.045	-150.00	-4.000	396.571	-2.00	712+0.000	396.651	396.103	0.548	4.000	396.571	-2.00	4.226	396.233	-150.00
-4.367	396.115	-150.00	-4.000	396.666	-2.00	713+0.000	396.746	396.323	0.423	4.000	396.666	-2.00	4.124	396.480	-150.00
-4.463	396.066	-150.00	-4.000	396.761	-2.00	714+0.000	396.841	396.295	0.546	4.000	396.761	-2.00	4.168	396.508	-150.00
-4.385	396.127	-150.00	-4.000	396.705	-2.00	715+0.000	396.785	396.351	0.433	4.000	396.705	-2.00	4.100	396.555	-150.00
-4.374	395.882	-150.00	-4.000	396.443	-2.00	716+0.000	396.523	396.112	0.412	4.000	396.443	-2.00	4.074	396.332	-150.00
-4.407	396.144	-150.00	-4.000	396.755	-2.00	717+0.000	396.835	396.393	0.442	4.000	396.755	-2.00	4.087	396.624	-150.00
-4.429	396.507	-150.00	-4.000	397.151	-2.00	718+0.000	397.231	396.725	0.506	4.000	397.151	-2.00	4.143	396.936	-150.00
-4.389	396.888	-150.00	-4.000	397.473	-2.00	719+0.000	397.553	397.099	0.453	4.000	397.473	-2.00	4.117	397.297	-150.00
-4.365	397.246	-150.00	-4.000	397.793	-2.00	720+0.000	397.873	397.430	0.442	4.000	397.793	-2.00	4.116	397.619	-150.00
-4.401	397.616	-150.00	-4.000	398.218	-2.00	721+0.000	398.298	397.831	0.467	4.000	398.218	-2.00	4.095	398.075	-150.00
-4.437	398.162	-150.00	-4.000	398.817	-2.00	722+0.000	398.897	398.429	0.468	4.000	398.817	-2.00	4.094	398.675	-150.00
-4.444	398.809	-150.00	-4.000	399.475	-2.00	723+0.000	399.555	399.084	0.471	4.000	399.475	-2.00	4.092	399.337	-150.00
-4.411	399.557	-150.00	-4.000	400.173	-2.00	724+0.000	400.253	399.833	0.420	4.000	400.173	-2.00	4.058	400.087	-150.00
-4.433	400.229	-150.00	-4.000	400.878	-2.00	725+0.000	400.958	400.520	0.437	4.000	400.878	-2.00	4.060	400.787	-150.00
-4.465	400.800	-150.00	-4.000	401.497	-2.00	726+0.000	401.577	401.117	0.460	4.000	401.497	-2.00	4.072	401.389	-150.00
-4.348	400.930	-150.00	-4.000	401.452	-2.00	727+0.000	401.532	401.218	0.314	4.000	401.452	-2.00	4.051	401.486	66.67
-4.284	400.952	-150.00	-4.000	401.378	-2.00	728+0.000	401.458	401.245	0.213	4.000	401.378	-2.00	4.234	401.533	66.67
-4.282	400.880	-150.00	-4.000	401.303	-2.00	729+0.000	401.383	401.164	0.220	4.000	401.303	-2.00	4.210	401.443	66.67

Osvaldo Leôncio da Si...
Diretor...
Presidente...
Secretaria...

-4.366	400.699	-150.00	-4.000	401.247	-2.00	730+0.000	401.327	400.986	0.341	4.000	401.247	-2.00			
-4.458	400.569	-150.00	-4.000	401.256	-2.00	731+0.000	401.336	400.831	0.504	4.000	401.256	-2.00	4.124	401.071	-150.00
-4.552	400.505	-150.00	-4.000	401.333	-2.00	732+0.000	401.413	400.751	0.661	4.000	401.333	-2.00	4.239	400.974	-150.00
-4.557	400.642	-150.00	-4.000	401.478	-2.00	733+0.000	401.558	400.871	0.687	4.000	401.478	-2.00	4.263	401.084	-150.00
-4.559	400.852	-150.00	-4.000	401.691	-2.00	734+0.000	401.771	401.041	0.730	4.000	401.691	-2.00	4.313	401.221	-150.00
-4.392	401.384	-150.00	-4.000	401.972	-2.00	735+0.000	402.052	401.542	0.510	4.000	401.972	-2.00	4.187	401.692	-150.00
-4.330	402.054	-150.00	-4.000	402.548	-2.00	736+0.000	402.628	402.129	0.500	4.000	402.548	-2.00	4.231	402.202	-150.00
-4.375	402.832	-150.00	-4.000	403.394	-2.00	737+0.000	403.474	402.915	0.559	4.000	403.394	-2.00	4.266	402.995	-150.00
-4.360	403.699	-150.00	-4.000	404.239	-2.00	738+0.000	404.319	403.784	0.535	4.000	404.239	-2.00	4.248	403.868	-150.00
-4.313	404.606	-150.00	-4.000	405.075	-2.00	739+0.000	405.155	404.680	0.475	4.000	405.075	-2.00	4.244	404.709	-150.00
-4.117	405.334	-150.00	-4.000	405.510	-2.00	740+0.000	405.590	405.354	0.236	4.000	405.510	-2.00	4.090	405.374	-150.00
-4.263	405.954	66.67	-4.000	405.779	-2.00	741+0.000	405.859	406.067	-0.208	4.000	405.779	-2.00	4.617	406.190	66.67
-4.251	406.216	66.67	-4.000	406.048	-2.00	742+0.000	406.128	406.336	-0.208	4.000	406.048	-2.00	4.387	406.306	66.67
-4.045	406.249	-150.00	-4.000	406.317	-2.00	743+0.000	406.397	406.259	0.138	4.000	406.317	-2.00	4.033	406.269	-150.00
-4.220	406.256	-150.00	-4.000	406.587	-2.00	744+0.000	406.667	406.291	0.376	4.000	406.587	-2.00	4.174	406.325	-150.00
-4.309	406.393	-150.00	-4.000	406.856	-2.00	745+0.000	406.936	406.495	0.440	4.000	406.856	-2.00	4.216	406.532	-150.00
-4.149	406.622	-150.00	-4.000	406.845	-2.00	746+0.000	406.925	406.578	0.348	4.000	406.845	-2.00	4.213	406.526	-150.00
-4.284	406.365	-150.00	-4.000	406.792	-2.00	747+0.000	406.872	406.345	0.527	4.000	406.792	-2.00	4.311	406.325	-150.00
-4.284	406.312	-150.00	-4.000	406.738	-2.00	748+0.000	406.818	406.300	0.518	4.000	406.738	-2.00	4.295	406.296	-150.00
-4.177	406.419	-150.00	-4.000	406.684	-2.00	749+0.000	406.764	406.332	0.432	4.000	406.684	-2.00	4.294	406.244	-150.00
-4.322	406.734	-150.00	-4.000	407.217	-2.00	750+0.000	407.297	406.724	0.573	4.000	407.217	-2.00	4.335	406.714	-150.00
-4.275	407.412	-150.00	-4.000	407.825	-2.00	751+0.000	407.905	407.434	0.471	4.000	407.825	-2.00	4.246	407.456	-150.00
-4.198	408.137	-150.00	-4.000	408.434	-2.00	752+0.000	408.514	408.137	0.377	4.000	408.434	-2.00	4.216	408.110	-150.00
-4.241	408.850	-150.00	-4.000	409.212	-2.00	753+0.000	409.292	408.845	0.447	4.000	409.212	-2.00	4.246	408.842	-150.00
-4.209	409.753	-150.00	-4.000	410.067	-2.00	754+0.000	410.147	409.732	0.415	4.000	410.067	-2.00	4.238	409.710	-150.00
-4.228	410.442	-150.00	-4.000	410.784	-2.00	755+0.000	410.864	410.392	0.471	4.000	410.784	-2.00	4.276	410.370	-150.00
-4.243	410.854	-150.00	-4.000	411.218	-2.00	756+0.000	411.298	410.830	0.468	4.000	411.218	-2.00	4.276	410.804	-150.00
-4.211	411.049	-150.00	-4.000	411.365	-2.00	757+0.000	411.445	411.047	0.397	4.000	411.365	-2.00	4.212	411.046	-150.00
-4.222	410.847	-150.00	-4.000	411.180	-2.00	758+0.000	411.260	410.822	0.438	4.000	411.180	-2.00	4.264	410.784	-150.00
-4.350	410.509	-150.00	-4.000	411.033	-2.00	759+0.000	411.113	410.449	0.664	4.000	411.033	-2.00	4.429	410.389	-150.00
-4.438	410.229	-150.00	-4.000	410.886	-2.00	760+0.000	410.966	410.240	0.727	4.000	410.886	-2.00	4.431	410.239	-150.00
-4.515	409.967	-150.00	-4.000	410.739	-2.00	761+0.000	410.819	410.005	0.814	4.000	410.739	-2.00	4.464	410.044	-150.00
-4.438	409.935	-150.00	-4.000	410.593	-2.00	762+0.000	410.673	409.970	0.702	4.000	410.593	-2.00	4.392	410.005	-150.00
-4.367	409.895	-150.00	-4.000	410.446	-2.00	763+0.000	410.526	409.926	0.600	4.000	410.446	-2.00	4.326	409.956	-150.00
-4.394	409.708	-150.00	-4.000	410.299	-2.00	764+0.000	410.379	409.775	0.604	4.000	410.299	-2.00	4.305	409.841	-150.00
-4.276	409.769	-150.00	-4.000	410.183	-2.00	765+0.000	410.263	409.823	0.440	4.000	410.183	-2.00	4.200	409.883	-150.00
-4.184	410.111	-150.00	-4.000	410.388	-2.00	766+0.000	410.468	410.146	0.322	4.000	410.388	-2.00	4.138	410.180	-150.00
-4.184	410.346	-150.00	-4.000	410.622	-2.00	767+0.000	410.702	410.286	0.416	4.000	410.622	-2.00	4.265	410.224	-150.00
-4.215	410.961	-150.00	-4.000	411.283	-2.00	768+0.000	411.363	410.901	0.462	4.000	411.283	-2.00	4.273	410.873	-150.00
-4.224	411.619	-150.00	-4.000	411.955	-2.00	769+0.000	412.035	411.601	0.434	4.000	411.955	-2.00	4.248	411.583	-150.00
-4.215	412.304	-150.00	-4.000	412.627	-2.00	770+0.000	412.707	412.281	0.426	4.000	412.627	-2.00	4.246	412.258	-150.00
-4.278	412.882	-150.00	-4.000	413.298	-2.00	771+0.000	413.378	412.872	0.506	4.000	413.298	-2.00	4.290	412.863	-150.00
-4.294	413.421	-150.00	-4.000	413.862	-2.00	772+0.000	413.942	413.499	0.443	4.000	413.862	-2.00	4.213	413.543	-150.00
-4.304	413.384	-150.00	-4.000	413.840	-2.00	773+0.000	413.920	413.462	0.458	4.000	413.840	-2.00	4.201	413.538	-150.00
-4.304	413.227	-150.00	-4.000	413.683	-2.00	774+0.000	413.763	413.338	0.425	4.000	413.683	-2.00	4.158	413.446	-150.00
-4.308	412.887	-150.00	-4.000	413.349	-2.00	775+0.000	413.429	413.015	0.414	4.000	413.349	-2.00	4.141	413.138	-150.00
-4.274	412.505	-150.00	-4.000	412.916	-2.00	776+0.000	412.996	412.598	0.399	4.000	412.916	-2.00	4.152	412.688	-150.00
-4.271	412.076	-150.00	-4.000	412.483	-2.00	777+0.000	412.563	412.164	0.399	4.000	412.483	-2.00	4.156	412.250	-150.00
-4.260	411.790	-150.00	-4.000	412.180	-2.00	778+0.000	412.260	411.801	0.459	4.000	412.180	-2.00	4.245	411.812	-150.00
-4.255	411.597	-150.00	-4.000	411.980	-2.00	779+0.000	412.060	411.618	0.442	4.000	411.980	-2.00	4.228	411.638	-150.00
-4.249	411.569	-150.00	-4.000	411.942	-2.00	780+0.000	412.022	411.600	0.422	4.000	411.942	-2.00	4.216	411.618	-150.00
-4.236	411.670	-150.00	-4.000	412.024	-2.00	781+0.000	412.104	411.657	0.446	4.000	412.024	-2.00	4.243	411.659	-150.00
-4.222	411.963	-150.00	-4.000	412.296	-2.00	782+0.000	412.376	411.942	0.434	4.000	412.296	-2.00	4.250	411.920	-150.00
-4.249	412.120	-150.00	-4.000	412.494	-2.00	783+0.000	412.574	412.138	0.435	4.000	412.494	-2.00	4.239	412.135	-150.00
-4.248	412.011	-150.00	-4.000	412.384	-2.00	784+0.000	412.464	412.013	0.451	4.000	412.384	-2.00	4.246	412.015	-150.00
-4.240	411.914	-150.00	-4.000	412.274	-2.00	785+0.000	412.354	411.913	0.442	4.000	412.274	-2.00	4.242	411.911	-150.00
-4.214	411.864	-150.00	-4.000	412.184	-2.00	786+0.000	412.264	411.878	0.386	4.000	412.184	-2.00	4.194	411.893	-150.00
-4.237	411.910	-150.00	-4.000	412.265	-2.00	787+0.000	412.345	411.902	0.443	4.000	412.265	-2.00	4.248	411.893	-150.00
-4.296	412.103	-150.00	-4.000	412.547	-2.00	788+0.000	412.627	412.098	0.529	4.000	412.547	-2.00	4.284	412.122	-150.00
-4.259	412.643	-150.00	-4.000	413.032	-2.00	789+0.000	413.112	412.668	0.444	4.000	413.032	-2.00	4.226	412.693	-150.00
-4.243	413.355	-150.00	-4.000	413.720	-2.00	790+0.000	413.800	413.376	0.423	4.000	413.720	-2.00	4.215	413.398	-150.00
-4.306	414.076	-150.00	-4.000	414.536	-2.00	791+0.000	414.616	414.115	0.501	4.000	414.536	-2.00	4.256	414.152	-150.00
-4.283	414.929	-150.00	-4.000	415.354	-2.00	792+0.000	415.434	414.964	0.470	4.000	415.354	-2.00	4.237	414.998	-150.00
-4.275	415.683	-150.00	-4.000	416.095	-2.00	793+0.000	416.175	415.712	0.463	4.000	416.095	-2.00	4.237	415.739	-150.00
-4.274	416.369	-150.00	-4.000	416.781	-2.00	794+0.000	416.861	416.389	0.472	4.000	416.781	-2.00	4.248	416.409	-150.00
-4.245	416.908	-150.00	-4.000	417.276	-2.00	795+0.000	417.356	416.927	0.429	4.000	417.276	-2.00	4.220	416.945	-150.00
-4.230	417.142	-150.00	-4.000	417.486	-2.00	796+0.000	417.566	417.144	0.422	4.000	417.486	-2.00	4.226	417.146	-150.00

Coordenação Geral de Saúde Pública
Diretoria de Saúde Pública
Programa de Controle de Doenças
Secretaria de Estado de Saúde

-4.225	417.075	-150.00	-4.000	417.413	-2.00	797+0.000	417.493	417.059	0.433	4.000	417.413	-2.00	4.246	417.043	-150.00
-4.220	416.797	-150.00	-4.000	417.127	-2.00	798+0.000	417.207	416.797	0.410	4.000	417.127	-2.00	4.220	416.797	-150.00
-4.223	416.494	-150.00	-4.000	416.828	-2.00	799+0.000	416.908	416.488	0.420	4.000	416.828	-2.00	4.226	416.489	-150.00
-4.244	416.263	-150.00	-4.000	416.629	-2.00	800+0.000	416.709	416.272	0.437	4.000	416.629	-2.00	4.232	416.281	-150.00
-4.238	416.134	-150.00	-4.000	416.492	-2.00	801+0.000	416.572	416.141	0.431	4.000	416.492	-2.00	4.229	416.148	-150.00
-4.253	416.339	-150.00	-4.000	416.719	-2.00	802+0.000	416.799	416.310	0.488	4.000	416.719	-2.00	4.292	416.281	-150.00
-4.280	416.851	-150.00	-4.000	417.270	-2.00	803+0.000	417.350	416.817	0.533	4.000	417.270	-2.00	4.325	416.783	-150.00
-4.270	417.457	-150.00	-4.000	417.862	-2.00	804+0.000	417.942	417.434	0.508	4.000	417.862	-2.00	4.301	417.410	-150.00
-4.254	418.154	-150.00	-4.000	418.534	-2.00	805+0.000	418.614	418.102	0.512	4.000	418.534	-2.00	4.324	418.047	-150.00
-4.238	418.851	-150.00	-4.000	419.208	-2.00	806+0.000	419.288	418.793	0.495	4.000	419.208	-2.00	4.316	418.734	-150.00
-4.211	419.528	-150.00	-4.000	419.844	-2.00	807+0.000	419.924	419.471	0.453	4.000	419.844	-2.00	4.315	419.372	-150.00
-4.340	419.606	-150.00	-4.000	420.116	-2.00	808+0.000	420.196	419.546	0.650	4.000	420.116	-2.00	4.420	419.485	-150.00
-4.333	419.888	-150.00	-4.000	420.387	-2.00	809+0.000	420.467	419.804	0.663	4.000	420.387	-2.00	4.446	419.717	-150.00
-4.309	420.194	-150.00	-4.000	420.658	-2.00	810+0.000	420.738	420.135	0.603	4.000	420.658	-2.00	4.404	420.053	-150.00
-4.163	420.686	-150.00	-4.000	420.930	-2.00	811+0.000	421.010	420.615	0.395	4.000	420.930	-2.00	4.258	420.543	-150.00
-4.125	421.269	-150.00	-4.000	421.457	-2.00	812+0.000	421.537	421.199	0.338	4.000	421.457	-2.00	4.220	421.127	-150.00
-4.196	421.797	-150.00	-4.000	422.090	-2.00	813+0.000	422.170	421.707	0.464	4.000	422.090	-2.00	4.319	421.611	-150.00
-4.194	422.242	-150.00	-4.000	422.532	-2.00	814+0.000	422.612	422.152	0.460	4.000	422.532	-2.00	4.315	422.059	-150.00
-4.196	422.664	-150.00	-4.000	422.959	-2.00	815+0.000	423.039	422.576	0.463	4.000	422.959	-2.00	4.316	422.484	-150.00
-4.214	422.962	-150.00	-4.000	423.283	-2.00	816+0.000	423.363	422.909	0.454	4.000	423.283	-2.00	4.287	422.853	-150.00
-4.219	423.164	-150.00	-4.000	423.492	-2.00	817+0.000	423.572	423.115	0.457	4.000	423.492	-2.00	4.293	423.052	-150.00
-4.364	423.058	-150.00	-4.000	423.604	-2.00	818+0.000	423.684	423.017	0.667	4.000	423.604	-2.00	4.413	422.985	-150.00
-4.419	423.077	-150.00	-4.000	423.704	-2.00	819+0.000	423.784	422.989	0.795	4.000	423.704	-2.00	4.537	422.899	-150.00
-4.406	423.196	-150.00	-4.000	423.805	-2.00	820+0.000	423.885	423.144	0.741	4.000	423.805	-2.00	4.476	423.090	-150.00
-4.317	423.429	-150.00	-4.000	423.906	-2.00	821+0.000	423.986	423.391	0.595	4.000	423.906	-2.00	4.371	423.348	-150.00
-4.255	423.624	-150.00	-4.000	424.006	-2.00	822+0.000	424.086	423.593	0.493	4.000	424.006	-2.00	4.296	423.562	-150.00
-4.202	423.803	-150.00	-4.000	424.107	-2.00	823+0.000	424.187	423.778	0.408	4.000	424.107	-2.00	4.236	423.753	-150.00
-4.172	423.950	-150.00	-4.000	424.207	-2.00	824+0.000	424.287	423.956	0.332	4.000	424.207	-2.00	4.171	423.951	-150.00
-4.142	424.095	-150.00	-4.000	424.308	-2.00	825+0.000	424.388	424.106	0.282	4.000	424.308	-2.00	4.127	424.117	-150.00
-4.115	424.236	-150.00	-4.000	424.409	-2.00	826+0.000	424.489	424.277	0.212	4.000	424.409	-2.00	4.061	424.317	-150.00
-4.225	424.172	-150.00	-4.000	424.509	-2.00	827+0.000	424.589	424.302	0.288	4.000	424.509	-2.00	4.070	424.404	-150.00
-4.305	424.153	-150.00	-4.000	424.610	-2.00	828+0.000	424.690	424.306	0.384	4.000	424.610	-2.00	4.106	424.451	-150.00
-4.357	424.186	-150.00	-4.000	424.722	-2.00	829+0.000	424.802	424.352	0.450	4.000	424.722	-2.00	4.131	424.526	-150.00
-4.393	424.605	-150.00	-4.000	425.194	-2.00	830+0.000	425.274	424.790	0.484	4.000	425.194	-2.00	4.153	424.965	-150.00
-4.406	425.134	-150.00	-4.000	425.743	-2.00	831+0.000	425.823	425.312	0.511	4.000	425.743	-2.00	4.175	425.481	-150.00
-4.396	425.699	-150.00	-4.000	426.292	-2.00	832+0.000	426.372	425.874	0.498	4.000	426.292	-2.00	4.168	426.041	-150.00
-4.344	426.289	-150.00	-4.000	426.804	-2.00	833+0.000	426.884	426.419	0.465	4.000	426.804	-2.00	4.173	426.545	-150.00
-4.346	426.746	-150.00	-4.000	427.265	-2.00	834+0.000	427.345	426.877	0.469	4.000	427.265	-2.00	4.176	427.002	-150.00
-4.320	427.011	-150.00	-4.000	427.490	-2.00	835+0.000	427.570	427.083	0.488	4.000	427.490	-2.00	4.224	427.154	-150.00
-4.259	427.205	-150.00	-4.000	427.593	-2.00	836+0.000	427.673	427.223	0.450	4.000	427.593	-2.00	4.235	427.241	-150.00
-4.240	427.170	-150.00	-4.000	427.529	-2.00	837+0.000	427.609	427.168	0.441	4.000	427.529	-2.00	4.242	427.167	-150.00
-4.250	427.080	-150.00	-4.000	427.456	-2.00	838+0.000	427.536	427.075	0.460	4.000	427.456	-2.00	4.255	427.074	-150.00
-4.259	426.993	-150.00	-4.000	427.382	-2.00	839+0.000	427.462	426.988	0.474	4.000	427.382	-2.00	4.266	426.983	-150.00
-4.236	426.989	-150.00	-4.000	427.342	-2.00	840+0.000	427.422	426.986	0.437	4.000	427.342	-2.00	4.236	426.988	-150.00
-4.243	427.038	-150.00	-4.000	427.403	-2.00	841+0.000	427.483	427.053	0.430	4.000	427.403	-2.00	4.227	427.062	-150.00
-4.259	427.202	-150.00	-4.000	427.590	-2.00	842+0.000	427.670	427.212	0.459	4.000	427.590	-2.00	4.246	427.221	-150.00
-4.262	427.514	-150.00	-4.000	427.908	-2.00	843+0.000	427.988	427.520	0.468	4.000	427.908	-2.00	4.255	427.526	-150.00
-4.237	427.927	-150.00	-4.000	428.283	-2.00	844+0.000	428.363	427.913	0.450	4.000	428.283	-2.00	4.256	427.899	-150.00
-4.231	428.353	-150.00	-4.000	428.700	-2.00	845+0.000	428.780	428.340	0.440	4.000	428.700	-2.00	4.248	428.328	-150.00
-4.247	428.747	-150.00	-4.000	429.117	-2.00	846+0.000	429.197	428.708	0.489	4.000	429.117	-2.00	4.297	428.671	-150.00
-4.232	429.186	-150.00	-4.000	429.534	-2.00	847+0.000	429.614	429.146	0.468	4.000	429.534	-2.00	4.286	429.105	-150.00
-4.192	429.555	-150.00	-4.000	429.842	-2.00	848+0.000	429.922	429.496	0.426	4.000	429.842	-2.00	4.272	429.434	-150.00
-4.125	429.813	-150.00	-4.000	430.000	-2.00	849+0.000	430.080	429.750	0.330	4.000	430.000	-2.00	4.210	429.685	-150.00
-4.045	430.090	-150.00	-4.000	430.158	-2.00	850+0.000	430.238	429.969	0.268	4.000	430.158	-2.00	4.209	429.844	-150.00
-4.078	430.198	-150.00	-4.000	430.315	-2.00	851+0.000	430.395	430.104	0.291	4.000	430.315	-2.00	4.222	429.983	-150.00
-4.085	430.345	-150.00	-4.000	430.472	-2.00	852+0.000	430.552	430.215	0.338	4.000	430.472	-2.00	4.262	430.079	-150.00
-4.122	430.447	-150.00	-4.000	430.630	-2.00	853+0.000	430.710	430.318	0.392	4.000	430.630	-2.00	4.299	430.181	-150.00
-4.116	430.614	-150.00	-4.000	430.787	-2.00	854+0.000	430.867	430.456	0.412	4.000	430.787	-2.00	4.332	430.289	-150.00
-4.118	430.789	-150.00	-4.000	430.966	-2.00	855+0.000	431.046	430.634	0.412	4.000	430.966	-2.00	4.330	430.471	-150.00
-4.182	431.035	-150.00	-4.000	431.309	-2.00	856+0.000	431.389	430.936	0.452	4.000	431.309	-2.00	4.343	430.795	-150.00
-4.180	431.572	-150.00	-4.000	431.842	-2.00	857+0.000	431.922	431.437	0.485	4.000	431.842	-2.00	4.371	431.285	-150.00
-4.329	431.864	-150.00	-4.000	432.358	-2.00	858+0.000	432.438	431.779	0.659	4.000	432.358	-2.00	4.444	431.692	-150.00
-4.235	432.424	-150.00	-4.000	432.777	-2.00	859+0.000	432.857	432.377	0.479	4.000	432.777	-2.00	4.339	432.267	-150.00
-4.271	432.777	-150.00	-4.000	433.183	-2.00	860+0.000	433.263	432.681	0.582	4.000	433.183	-2.00	4.399	432.585	-150.00
-4.227	433.249	-150.00	-4.000	433.590	-2.00	861+0.000	433.670	433.182	0.488	4.000	433.590	-2.00	4.317	433.114	-150.00
-4.187	433.695	-150.00	-4.000	433.975	-2.00	862+0.000	434.055	433.593	0.463	4.000	433.975	-2.00	4.325	433.488	-150.00
-4.242	433.797	-150.00	-4.000	434.160	-2.00	863+0.000	434.240	433.740	0.500	4.000	434.160	-2.00	4.319	433.682	-150.00

-4.232	433.756	-150.00	-4.000	434.104	-2.00	864+0.000	434.184	433.702	0.482	4.000	434.104	-2.00	4.306	433.644	-150.00
-4.238	433.581	-150.00	-4.000	433.937	-2.00	865+0.000	434.017	433.550	0.468	4.000	433.937	-2.00	4.279	433.518	-150.00
-4.264	433.365	-150.00	-4.000	433.761	-2.00	866+0.000	433.841	433.335	0.506	4.000	433.761	-2.00	4.305	433.304	-150.00
-4.261	433.192	-150.00	-4.000	433.585	-2.00	867+0.000	433.665	433.229	0.436	4.000	433.585	-2.00	4.213	433.265	-150.00
-4.213	433.097	-150.00	-4.000	433.417	-2.00	868+0.000	433.497	433.134	0.363	4.000	433.417	-2.00	4.165	433.170	-150.00
-4.141	433.044	-150.00	-4.000	433.256	-2.00	869+0.000	433.336	433.115	0.221	4.000	433.256	-2.00	4.086	433.126	-150.00
-4.190	432.810	-150.00	-4.000	433.095	-2.00	870+0.000	433.175	432.881	0.293	4.000	433.095	-2.00	4.095	432.951	-150.00
-4.231	432.577	-150.00	-4.000	432.923	-2.00	871+0.000	433.003	432.602	0.401	4.000	432.923	-2.00	4.197	432.627	-150.00
-4.250	432.196	-150.00	-4.000	432.570	-2.00	872+0.000	432.650	432.275	0.375	4.000	432.570	-2.00	4.145	432.353	-150.00
-4.188	431.932	-150.00	-4.000	432.214	-2.00	873+0.000	432.294	431.949	0.345	4.000	432.214	-2.00	4.166	431.965	-150.00
-4.280	431.437	-150.00	-4.000	431.857	-2.00	874+0.000	431.937	431.529	0.408	4.000	431.857	-2.00	4.159	431.619	-150.00
-4.184	431.225	-150.00	-4.000	431.501	-2.00	875+0.000	431.581	431.256	0.325	4.000	431.501	-2.00	4.143	431.287	-150.00
-4.234	430.794	-150.00	-4.000	431.145	-2.00	876+0.000	431.225	430.853	0.372	4.000	431.145	-2.00	4.160	430.904	-150.00
-4.205	430.481	-150.00	-4.000	430.789	-2.00	877+0.000	430.869	430.577	0.292	4.000	430.789	-2.00	4.077	430.673	-150.00
-4.202	430.097	-150.00	-4.000	430.401	-2.00	878+0.000	430.481	430.189	0.292	4.000	430.401	-2.00	4.070	430.295	-150.00
-4.193	429.352	-150.00	-4.000	429.642	-2.00	879+0.000	429.722	429.421	0.301	4.000	429.642	-2.00	4.105	429.484	-150.00
-4.185	428.143	-150.00	-4.000	428.421	-2.00	880+0.000	428.501	428.106	0.396	4.000	428.421	-2.00	4.236	428.068	-150.00
-4.195	426.557	-150.00	-4.000	426.850	-2.00	881+0.000	426.930	426.501	0.429	4.000	426.850	-2.00	4.271	426.443	-150.00
-4.257	425.051	-150.00	-4.000	425.437	-2.00	882+0.000	425.517	424.942	0.575	4.000	425.437	-2.00	4.352	424.909	-150.00
-4.303	423.883	-150.00	-4.000	424.338	-2.00	883+0.000	424.418	423.747	0.670	4.000	424.338	-2.00	4.488	423.606	-150.00
-4.263	422.844	-150.00	-4.000	423.238	-2.00	884+0.000	423.318	422.674	0.645	4.000	423.238	-2.00	4.473	422.528	-150.00
-4.143	421.930	-150.00	-4.000	422.145	-2.00	885+0.000	422.225	421.771	0.454	4.000	422.145	-2.00	4.360	421.605	-150.00
-4.074	421.225	-150.00	-4.000	421.335	-2.00	886+0.000	421.415	421.046	0.370	4.000	421.335	-2.00	4.320	420.856	-150.00
-4.164	420.743	66.67	-4.000	420.633	-2.00	887+0.000	420.713	420.574	0.139	4.000	420.633	-2.00	4.103	420.479	-150.00
-4.631	420.352	66.67	-4.000	419.931	-2.00	888+0.000	420.011	420.189	-0.177	4.000	419.931	-2.00	4.165	420.042	66.67
-4.826	419.780	66.67	-4.000	419.230	-2.00	889+0.000	419.310	419.590	-0.280	4.000	419.230	-2.00	4.287	419.421	66.67
-4.668	418.973	66.67	-4.000	418.528	-2.00	890+0.000	418.608	418.794	-0.186	4.000	418.528	-2.00	4.184	418.651	66.67
-4.417	418.104	66.67	-4.000	417.826	-2.00	891+0.000	417.906	417.943	-0.037	4.000	417.826	-2.00	4.019	417.797	-150.00
-4.025	417.140	66.67	-4.000	417.124	-2.00	892+0.000	417.204	416.988	0.216	4.000	417.124	-2.00	4.196	416.830	-150.00
-4.067	416.263	-150.00	-4.000	416.363	-2.00	893+0.000	416.443	416.097	0.347	4.000	416.363	-2.00	4.269	415.961	-150.00
-4.237	415.602	66.67	-4.000	415.444	-2.00	894+0.000	415.524	415.438	0.086	4.000	415.444	-2.00	4.120	415.265	-150.00
-4.241	414.684	66.67	-4.000	414.524	-2.00	895+0.000	414.604	414.461	0.143	4.000	414.524	-2.00	4.190	414.239	-150.00
-4.033	413.553	-150.00	-4.000	413.603	-2.00	896+0.000	413.683	413.337	0.347	4.000	413.603	-2.00	4.311	413.137	-150.00
-4.026	412.677	-150.00	-4.000	412.716	-2.00	897+0.000	412.796	412.451	0.345	4.000	412.716	-2.00	4.339	412.208	-150.00
-4.086	411.719	-150.00	-4.000	411.847	-2.00	898+0.000	411.927	411.454	0.473	4.000	411.847	-2.00	4.454	411.166	-150.00
-4.032	410.931	-150.00	-4.000	410.979	-2.00	899+0.000	411.059	410.608	0.450	4.000	410.979	-2.00	4.486	410.249	-150.00
			-4.000	410.205	-2.00	900+0.000	410.285	409.882	0.403	4.000	410.205	-2.00	4.471	409.498	-150.00
-4.040	409.758	66.67	-4.000	409.731	-2.00	901+0.000	409.811	409.403	0.409	4.000	409.731	-2.00	4.481	409.010	-150.00
-4.041	409.422	66.67	-4.000	409.395	-2.00	902+0.000	409.475	409.063	0.411	4.000	409.395	-2.00	4.487	408.665	-150.00
-4.014	409.102	66.67	-4.000	409.092	-2.00	903+0.000	409.172	408.731	0.442	4.000	409.092	-2.00	4.520	408.313	-150.00
-4.034	408.624	66.67	-4.000	408.602	-2.00	904+0.000	408.682	408.268	0.414	4.000	408.602	-2.00	4.487	407.871	-150.00
-4.015	407.936	66.67	-4.000	407.926	-2.00	905+0.000	408.006	407.599	0.407	4.000	407.926	-2.00	4.475	407.214	-150.00
-4.043	406.987	-150.00	-4.000	407.051	-2.00	906+0.000	407.131	406.688	0.443	4.000	407.051	-2.00	4.462	406.358	-150.00
-4.055	406.083	-150.00	-4.000	406.166	-2.00	907+0.000	406.246	405.867	0.379	4.000	406.166	-2.00	4.354	405.635	-150.00
-4.139	405.490	-150.00	-4.000	405.699	-2.00	908+0.000	405.779	405.322	0.457	4.000	405.699	-2.00	4.369	405.145	-150.00
-4.203	404.838	-150.00	-4.000	405.142	-2.00	909+0.000	405.222	404.777	0.446	4.000	405.142	-2.00	4.286	404.714	-150.00
-4.232	404.085	-150.00	-4.000	404.432	-2.00	910+0.000	404.512	404.035	0.477	4.000	404.432	-2.00	4.298	403.985	-150.00
-4.230	403.378	-150.00	-4.000	403.722	-2.00	911+0.000	403.802	403.337	0.466	4.000	403.722	-2.00	4.288	403.290	-150.00
-4.155	402.780	-150.00	-4.000	403.012	-2.00	912+0.000	403.092	402.699	0.394	4.000	403.012	-2.00	4.265	402.615	-150.00
-4.179	402.519	-150.00	-4.000	402.787	-2.00	913+0.000	402.867	402.427	0.441	4.000	402.787	-2.00	4.304	402.332	-150.00
-4.248	402.091	-150.00	-4.000	402.463	-2.00	914+0.000	402.543	401.996	0.547	4.000	402.463	-2.00	4.376	401.899	-150.00
-4.259	401.614	-150.00	-4.000	402.001	-2.00	915+0.000	402.081	401.489	0.592	4.000	402.001	-2.00	4.428	401.360	-150.00
-4.225	401.717	-150.00	-4.000	402.054	-2.00	916+0.000	402.134	401.472	0.661	4.000	402.054	-2.00	4.564	401.208	-150.00
-4.186	402.389	-150.00	-4.000	402.667	-2.00	917+0.000	402.747	402.192	0.555	4.000	402.667	-2.00	4.482	401.944	-150.00
-4.281	402.951	-150.00	-4.000	403.373	-2.00	918+0.000	403.453	402.638	0.815	4.000	403.373	-2.00	4.693	402.334	-150.00
-4.092	403.941	-150.00	-4.000	404.079	-2.00	919+0.000	404.159	403.580	0.579	4.000	404.079	-2.00	4.603	403.174	-150.00
-4.070	404.680	-150.00	-4.000	404.785	-2.00	920+0.000	404.865	404.388	0.477	4.000	404.785	-2.00	4.491	404.048	-150.00
-4.039	405.380	-150.00	-4.000	405.438	-2.00	921+0.000	405.518	405.039	0.479	4.000	405.438	-2.00	4.520	404.658	-150.00
-4.056	405.870	-150.00	-4.000	405.954	-2.00	922+0.000	406.034	405.536	0.499	4.000	405.954	-2.00	4.528	405.162	-150.00
-4.121	406.180	-150.00	-4.000	406.362	-2.00	923+0.000	406.442	405.882	0.560	4.000	406.362	-2.00	4.539	405.553	-150.00
-4.190	406.357	-150.00	-4.000	406.642	-2.00	924+0.000	406.722	406.048	0.675	4.000	406.642	-2.00	4.624	405.706	-150.00
-4.032	406.399	-150.00	-4.000	406.447	-2.00	925+0.000	406.527	406.089	0.438	4.000	406.447	-2.00	4.504	405.691	-150.00
-4.235	405.334	-150.00	-4.000	405.686	-2.00	926+0.000	405.766	405.154	0.612	4.000	405.686	-2.00	4.482	404.963	-150.00
-4.180	404.088	-150.00	-4.000	404.359	-2.00	927+0.000	404.439	403.909	0.530	4.000	404.359	-2.00	4.426	403.719	-150.00
-4.116	402.582	-150.00	-4.000	402.756	-2.00	928+0.000	402.836	402.465	0.371	4.000	402.756	-2.00	4.275	402.343	-150.00
-4.124	401.148	-150.00	-4.000	401.334	-2.00	929+0.000	401.414	401.010	0.404	4.000	401.334	-2.00	4.307	400.873	-150.00
-4.111	400.228	-150.00	-4.000	400.394	-2.00	930+0.000	400.474	400.094	0.380	4.000	400.394	-2.00	4.313	399.925	-150.00

Silva F.

-4.176	399.941	-150.00	-4.000	400.204	-2.00	931+0.000	400.284	399.787	0.497	4.000	400.204	-2.00	4.386	399.625	-150.00
-4.107	399.970	-150.00	-4.000	400.131	-2.00	932+0.000	400.211	399.810	0.401	4.000	400.131	-2.00	4.332	399.633	-150.00
-4.111	400.627	-150.00	-4.000	400.794	-2.00	933+0.000	400.874	400.393	0.481	4.000	400.794	-2.00	4.435	400.141	-150.00
-4.100	401.677	-150.00	-4.000	401.827	-2.00	934+0.000	401.907	401.470	0.437	4.000	401.827	-2.00	4.418	401.201	-150.00
-4.117	402.729	-150.00	-4.000	402.904	-2.00	935+0.000	402.984	402.465	0.519	4.000	402.904	-2.00	4.488	402.171	-150.00
-4.123	403.796	-150.00	-4.000	403.981	-2.00	936+0.000	404.061	403.551	0.510	4.000	403.981	-2.00	4.468	403.279	-150.00
-4.064	404.661	-150.00	-4.000	404.757	-2.00	937+0.000	404.837	404.370	0.468	4.000	404.757	-2.00	4.499	404.008	-150.00
-4.035	404.816	-150.00	-4.000	404.868	-2.00	938+0.000	404.948	404.550	0.399	4.000	404.868	-2.00	4.406	404.259	-150.00
-4.080	404.773	-150.00	-4.000	404.893	-2.00	939+0.000	404.973	404.525	0.448	4.000	404.893	-2.00	4.453	404.214	-150.00
-4.039	404.417	-150.00	-4.000	404.476	-2.00	940+0.000	404.556	404.205	0.351	4.000	404.476	-2.00	4.333	403.977	-150.00
						941+0.000	403.587	403.587	0.000						
						942+0.000	402.934	402.934	0.000						
						943+0.000	402.477	402.477	0.000						
						944+0.000	402.166	402.166	0.000						
						945+0.000	402.323	402.323	0.000						
						946+0.000	402.841	402.841	0.000						
						947+0.000	403.395	403.395	0.000						
						948+0.000	403.953	403.953	0.000						
						949+0.000	404.321	404.321	0.000						
						950+0.000	404.260	404.260	0.000						
						951+0.000	404.078	404.078	0.000						
						952+0.000	403.906	403.906	0.000						
						953+0.000	403.728	403.728	0.000						
						954+0.000	403.544	403.544	0.000						
						955+0.000	403.355	403.355	0.000						
						956+0.000	403.187	403.187	0.000						
						957+0.000	402.943	402.943	0.000						
						958+0.000	402.783	402.783	0.000						
						959+0.000	402.534	402.534	0.000						
						960+0.000	402.166	402.166	0.000						
						961+0.000	402.122	402.122	0.000						
						962+0.000	402.157	402.157	0.000						
						963+0.000	402.314	402.314	0.000						
						964+0.000	402.573	402.573	0.000						
						965+0.000	402.805	402.805	0.000						
						966+0.000	403.019	403.019	0.000						
						967+0.000	403.186	403.186	0.000						
						968+0.000	403.330	403.330	0.000						
						969+0.000	403.487	403.487	0.000						
						970+0.000	403.643	403.643	0.000						
						971+0.000	403.906	403.906	0.000						
						972+0.000	404.139	404.139	0.000						
						973+0.000	404.535	404.535	0.000						
						974+0.000	405.250	405.250	0.000						
						975+0.000	406.321	406.321	0.000						
						976+0.000	407.729	407.729	0.000						
						977+0.000	409.431	409.431	0.000						
						978+0.000	411.018	411.018	0.000						
						979+0.000	412.465	412.465	0.000						
						980+0.000	413.537	413.537	0.000						
						981+0.000	414.036	414.036	0.000						
						982+0.000	414.093	414.093	0.000						
						983+0.000	413.801	413.801	0.000						
						984+0.000	413.509	413.509	0.000						
						985+0.000	413.281	413.281	0.000						
						986+0.000	413.439	413.439	0.000						
						987+0.000	413.728	413.728	0.000						
						988+0.000	413.985	413.985	0.000						
						989+0.000	414.418	414.418	0.000						
						990+0.000	414.910	414.910	0.000						
-4.223	415.641	-150.00	-4.000	415.976	-2.00	991+0.000	416.056	415.576	0.480	4.000	415.976	-2.00	4.311	415.510	-150.00
-4.195	416.132	-150.00	-4.000	416.423	-2.00	992+0.000	416.503	416.040	0.463	4.000	416.423	-2.00	4.319	415.944	-150.00
-4.142	416.392	-150.00	-4.000	416.606	-2.00	993+0.000	416.686	416.300	0.386	4.000	416.606	-2.00	4.267	416.205	-150.00
-4.215	416.466	-150.00	-4.000	416.788	-2.00	994+0.000	416.868	416.396	0.473	4.000	416.788	-2.00	4.296	416.345	-150.00
-4.204	416.517	-150.00	-4.000	416.823	-2.00	995+0.000	416.903	416.452	0.451	4.000	416.823	-2.00	4.292	416.386	-150.00
-4.098	416.330	-150.00	-4.000	416.477	-2.00	996+0.000	416.557	416.174	0.382	4.000	416.477	-2.00	4.333	415.977	-150.00
-4.082	416.007	-150.00	-4.000	416.130	-2.00	997+0.000	416.210	415.798	0.413	4.000	416.130	-2.00	4.346	415.611	-150.00

ASFALTO EXISTENTE

ASFALTO EXISTENTE

-4.070	415.978	-150.00	-4.000	416.084	-2.00	998+0.000	416.164	415.703	0.461	4.000	416.084	-2.00	4.477	415.369	-150.00
-4.064	416.030	-150.00	-4.000	416.126	-2.00	999+0.000	416.206	415.718	0.488	4.000	416.126	-2.00	4.504	415.369	-150.00
-4.030	415.915	-150.00	-4.000	415.961	-2.00	1000+0.000	416.041	415.558	0.483	4.000	415.961	-2.00	4.536	415.157	-150.00
-4.052	415.512	-150.00	-4.000	415.590	-2.00	1001+0.000	415.670	415.167	0.504	4.000	415.590	-2.00	4.541	414.779	-150.00
-4.073	414.918	-150.00	-4.000	415.027	-2.00	1002+0.000	415.107	414.528	0.580	4.000	415.027	-2.00	4.605	414.120	-150.00
-4.170	414.168	-150.00	-4.000	414.423	-2.00	1003+0.000	414.503	413.813	0.689	4.000	414.423	-2.00	4.631	413.477	-150.00
-4.302	413.365	-150.00	-4.000	413.818	-2.00	1004+0.000	413.898	413.117	0.781	4.000	413.818	-2.00	4.646	412.849	-150.00
-4.409	412.600	-150.00	-4.000	413.213	-2.00	1005+0.000	413.293	412.401	0.892	4.000	413.213	-2.00	4.666	412.214	-150.00
-4.159	412.387	-150.00	-4.000	412.626	-2.00	1006+0.000	412.706	412.221	0.485	4.000	412.626	-2.00	4.387	412.045	-150.00
-4.181	412.182	-150.00	-4.000	412.454	-2.00	1007+0.000	412.534	412.096	0.438	4.000	412.454	-2.00	4.268	412.053	-150.00
-4.281	412.262	-150.00	-4.000	412.684	-2.00	1008+0.000	412.764	412.219	0.545	4.000	412.684	-2.00	4.339	412.175	-150.00
-4.268	412.524	-150.00	-4.000	412.927	-2.00	1009+0.000	413.007	412.525	0.482	4.000	412.927	-2.00	4.267	412.526	-150.00
-4.303	412.873	-150.00	-4.000	413.328	-2.00	1010+0.000	413.408	412.922	0.486	4.000	413.328	-2.00	4.239	412.970	-150.00
-4.346	413.530	-150.00	-4.000	414.049	-2.00	1011+0.000	414.129	413.645	0.484	4.000	414.049	-2.00	4.198	413.752	-150.00
-4.393	414.489	-150.00	-4.000	415.078	-2.00	1012+0.000	415.158	414.582	0.576	4.000	415.078	-2.00	4.267	414.677	-150.00
-4.342	415.722	-150.00	-4.000	416.235	-2.00	1013+0.000	416.315	415.822	0.493	4.000	416.235	-2.00	4.199	415.937	-150.00
-4.339	417.035	-150.00	-4.000	417.543	-2.00	1014+0.000	417.623	417.154	0.469	4.000	417.543	-2.00	4.183	417.269	-150.00
-4.369	418.307	-150.00	-4.000	418.860	-2.00	1015+0.000	418.940	418.449	0.491	4.000	418.860	-2.00	4.183	418.585	-150.00
-4.355	419.353	-150.00	-4.000	419.886	-2.00	1016+0.000	419.966	419.481	0.485	4.000	419.886	-2.00	4.183	419.612	-150.00
-4.299	420.218	-150.00	-4.000	420.667	-2.00	1017+0.000	420.747	420.324	0.423	4.000	420.667	-2.00	4.143	420.453	-150.00
-4.233	421.098	-150.00	-4.000	421.448	-2.00	1018+0.000	421.528	421.185	0.343	4.000	421.448	-2.00	4.137	421.243	-150.00
-4.263	421.834	-150.00	-4.000	422.229	-2.00	1019+0.000	422.309	421.889	0.420	4.000	422.229	-2.00	4.188	421.947	-150.00
-4.299	422.558	-150.00	-4.000	423.006	-2.00	1020+0.000	423.086	422.600	0.486	4.000	423.006	-2.00	4.244	422.640	-150.00
-4.279	423.207	-150.00	-4.000	423.626	-2.00	1021+0.000	423.706	423.207	0.499	4.000	423.626	-2.00	4.283	423.201	-150.00
-4.298	423.784	-150.00	-4.000	424.231	-2.00	1022+0.000	424.311	423.778	0.533	4.000	424.231	-2.00	4.305	423.774	-150.00
-4.317	424.361	-150.00	-4.000	424.837	-2.00	1023+0.000	424.917	424.340	0.576	4.000	424.837	-2.00	4.345	424.320	-150.00
-4.310	424.977	-150.00	-4.000	425.442	-2.00	1024+0.000	425.522	424.956	0.567	4.000	425.442	-2.00	4.338	424.935	-150.00
-4.220	425.718	-150.00	-4.000	426.048	-2.00	1025+0.000	426.128	425.638	0.490	4.000	426.048	-2.00	4.326	425.559	-150.00
-4.204	426.347	-150.00	-4.000	426.654	-2.00	1026+0.000	426.734	426.268	0.466	4.000	426.654	-2.00	4.309	426.190	-150.00
-4.199	427.118	-150.00	-4.000	427.416	-2.00	1027+0.000	427.496	427.029	0.467	4.000	427.416	-2.00	4.318	426.939	-150.00
-4.190	427.980	-150.00	-4.000	428.265	-2.00	1028+0.000	428.345	427.892	0.452	4.000	428.265	-2.00	4.309	427.802	-150.00
-4.228	428.808	-150.00	-4.000	429.150	-2.00	1029+0.000	429.230	428.742	0.488	4.000	429.150	-2.00	4.324	428.663	-150.00
-4.223	429.801	-150.00	-4.000	430.136	-2.00	1030+0.000	430.216	429.733	0.483	4.000	430.136	-2.00	4.327	429.645	-150.00
-4.253	430.742	-150.00	-4.000	431.122	-2.00	1031+0.000	431.202	430.701	0.502	4.000	431.122	-2.00	4.328	430.631	-150.00
-4.267	431.708	-150.00	-4.000	432.109	-2.00	1032+0.000	432.189	431.680	0.509	4.000	432.109	-2.00	4.340	431.599	-150.00
-4.286	432.632	-150.00	-4.000	433.061	-2.00	1033+0.000	433.141	432.658	0.482	4.000	433.061	-2.00	4.334	432.560	-150.00
-4.235	433.284	-150.00	-4.000	433.637	-2.00	1034+0.000	433.717	433.298	0.419	4.000	433.637	-2.00	4.248	433.265	-150.00
-4.190	433.921	-150.00	-4.000	434.206	-2.00	1035+0.000	434.286	433.925	0.361	4.000	434.206	-2.00	4.213	433.886	-150.00
-4.177	434.509	-150.00	-4.000	434.775	-2.00	1036+0.000	434.855	434.486	0.369	4.000	434.775	-2.00	4.234	434.423	-150.00
-4.179	435.076	-150.00	-4.000	435.344	-2.00	1037+0.000	435.424	435.046	0.378	4.000	435.344	-2.00	4.238	434.987	-150.00
-4.182	435.640	-150.00	-4.000	435.913	-2.00	1038+0.000	435.993	435.576	0.417	4.000	435.913	-2.00	4.273	435.503	-150.00
-4.213	436.162	-150.00	-4.000	436.482	-2.00	1039+0.000	436.562	436.097	0.465	4.000	436.482	-2.00	4.306	436.023	-150.00
-4.175	436.596	-150.00	-4.000	436.859	-2.00	1040+0.000	436.939	436.479	0.460	4.000	436.859	-2.00	4.328	436.367	-150.00
-4.179	436.870	-150.00	-4.000	437.138	-2.00	1041+0.000	437.218	436.753	0.465	4.000	437.138	-2.00	4.331	436.641	-150.00
-4.122	437.009	-150.00	-4.000	437.191	-2.00	1042+0.000	437.271	436.827	0.444	4.000	437.191	-2.00	4.371	436.636	-150.00
-4.118	436.780	-150.00	-4.000	436.957	-2.00	1043+0.000	437.037	436.603	0.434	4.000	436.957	-2.00	4.359	436.419	-150.00
-4.092	436.532	-150.00	-4.000	436.670	-2.00	1044+0.000	436.750	436.323	0.427	4.000	436.670	-2.00	4.379	436.102	-150.00
-4.121	436.164	-150.00	-4.000	436.346	-2.00	1045+0.000	436.426	435.951	0.474	4.000	436.346	-2.00	4.415	435.723	-150.00
-4.146	435.935	-150.00	-4.000	436.155	-2.00	1046+0.000	436.235	435.713	0.522	4.000	436.155	-2.00	4.454	435.474	-150.00
-4.047	436.033	-150.00	-4.000	436.104	-2.00	1047+0.000	436.184	435.728	0.456	4.000	436.104	-2.00	4.476	435.391	-150.00
-4.093	436.181	-150.00	-4.000	436.321	-2.00	1048+0.000	436.401	435.936	0.465	4.000	436.321	-2.00	4.385	435.743	-150.00
-4.130	436.919	-150.00	-4.000	437.114	-2.00	1049+0.000	437.194	436.720	0.474	4.000	437.114	-2.00	4.404	436.507	-150.00
-4.133	437.739	-150.00	-4.000	437.938	-2.00	1050+0.000	438.018	437.545	0.473	4.000	437.938	-2.00	4.390	437.352	-150.00
-4.137	438.559	-150.00	-4.000	438.765	-2.00	1051+0.000	438.845	438.412	0.433	4.000	438.765	-2.00	4.339	438.257	-150.00
-4.149	439.336	-150.00	-4.000	439.559	-2.00	1052+0.000	439.639	439.161	0.478	4.000	439.559	-2.00	4.389	438.976	-150.00
-4.162	439.631	-150.00	-4.000	439.874	-2.00	1053+0.000	439.954	439.500	0.454	4.000	439.874	-2.00	4.407	439.264	-150.00
-4.112	439.371	-150.00	-4.000	439.539	-2.00	1054+0.000	439.619	439.242	0.377	4.000	439.539	-2.00	4.302	439.086	-150.00
-4.091	438.317	-150.00	-4.000	438.454	-2.00	1055+0.000	438.534	438.151	0.383	4.000	438.454	-2.00	4.319	437.976	-150.00
-4.123	437.273	-150.00	-4.000	437.458	-2.00	1056+0.000	437.538	437.137	0.400	4.000	437.458	-2.00	4.308	436.996	-150.00
-4.093	436.501	-150.00	-4.000	436.640	-2.00	1057+0.000	436.720	436.338	0.382	4.000	436.640	-2.00	4.354	436.110	-150.00
-4.071	435.618	-150.00	-4.000	435.724	-2.00	1058+0.000	435.804	435.414	0.390	4.000	435.724	-2.00	4.352	435.196	-150.00
-4.017	434.750	-150.00	-4.000	434.775	-2.00	1059+0.000	434.855	434.515	0.340	4.000	434.775	-2.00	4.343	434.260	-150.00
-4.014	433.703	-150.00	-4.000	433.725	-2.00	1060+0.000	433.805	433.468	0.337	4.000	433.725	-2.00	4.357	433.188	-150.00
-4.054	432.631	66.67	-4.000	432.595	-2.00	1061+0.000	432.675	432.377	0.298	4.000	432.595	-2.00	4.341	432.083	-150.00
			-4.000	431.465	-2.00	1062+0.000	431.545	431.215	0.330	4.000	431.465	-2.00	4.343	430.950	-150.00
-4.078	430.182	-150.00	-4.000	430.300	-2.00	1063+0.000	430.380	429.915	0.464	4.000	430.300	-2.00	4.426	429.661	-150.00
-4.179	428.842	-150.00	-4.000	429.111	-2.00	1064+0.000	429.191	428.664	0.527	4.000	429.111	-2.00	4.399	428.513	-150.00

Osvaldo Leineio da Silva Filho
Secretário de Estado de Projetos, Obras e Infraestrutura - SEINFRA
Secretaria de Estado de Infraestrutura

-4.171	427.954	-150.00	-4.000	428.210	-2.00	1065+0.000	428.290	427.823	0.467	4.000	428.210	-2.00	4.349	427.687	-150.00
-4.196	427.180	-150.00	-4.000	427.474	-2.00	1066+0.000	427.554	427.089	0.465	4.000	427.474	-2.00	4.319	426.995	-150.00
-4.216	426.711	-150.00	-4.000	427.034	-2.00	1067+0.000	427.114	426.602	0.512	4.000	427.034	-2.00	4.391	426.448	-150.00
-4.284	426.575	-150.00	-4.000	427.002	-2.00	1068+0.000	427.082	426.509	0.573	4.000	427.002	-2.00	4.375	426.439	-150.00
-4.509	426.779	-150.00	-4.000	427.542	-2.00	1069+0.000	427.622	426.709	0.913	4.000	427.542	-2.00	4.596	426.648	-150.00
-4.436	427.429	-150.00	-4.000	428.083	-2.00	1070+0.000	428.163	427.424	0.739	4.000	428.083	-2.00	4.440	427.423	-150.00
-4.291	428.187	-150.00	-4.000	428.623	-2.00	1071+0.000	428.703	428.182	0.522	4.000	428.623	-2.00	4.299	428.175	-150.00
-4.213	428.844	-150.00	-4.000	429.164	-2.00	1072+0.000	429.244	428.844	0.400	4.000	429.164	-2.00	4.214	428.844	-150.00
-4.187	429.425	-150.00	-4.000	429.705	-2.00	1073+0.000	429.785	429.399	0.385	4.000	429.705	-2.00	4.221	429.373	-150.00
-4.259	429.857	-150.00	-4.000	430.245	-2.00	1074+0.000	430.325	429.823	0.502	4.000	430.245	-2.00	4.338	429.738	-150.00
-4.147	429.559	-150.00	-4.000	429.779	-2.00	1075+0.000	429.859	429.375	0.484	4.000	429.779	-2.00	4.400	429.179	-150.00
-4.180	428.779	-150.00	-4.000	429.048	-2.00	1076+0.000	429.128	428.594	0.534	4.000	429.048	-2.00	4.437	428.392	-150.00
-4.239	427.959	-150.00	-4.000	428.318	-2.00	1077+0.000	428.398	427.766	0.632	4.000	428.318	-2.00	4.513	427.548	-150.00
-4.212	427.305	-150.00	-4.000	427.624	-2.00	1078+0.000	427.704	427.159	0.545	4.000	427.624	-2.00	4.382	427.051	-150.00
-4.159	427.185	-150.00	-4.000	427.424	-2.00	1079+0.000	427.504	427.083	0.421	4.000	427.424	-2.00	4.292	426.987	-150.00
-4.373	427.296	-150.00	-4.000	427.856	-2.00	1080+0.000	427.936	427.392	0.544	4.000	427.856	-2.00	4.247	427.485	-150.00
-4.295	428.475	-150.00	-4.000	428.917	-2.00	1081+0.000	428.997	428.558	0.439	4.000	428.917	-2.00	4.186	428.639	-150.00
-4.564	429.737	-150.00	-4.000	430.582	-2.00	1082+0.000	430.662	429.881	0.782	4.000	430.582	-2.00	4.376	430.018	-150.00
-4.611	431.420	-150.00	-4.000	432.337	-2.00	1083+0.000	432.417	431.415	1.002	4.000	432.337	-2.00	4.533	431.537	-150.00
-4.492	433.297	-150.00	-4.000	434.035	-2.00	1084+0.000	434.115	433.268	0.847	4.000	434.035	-2.00	4.465	433.338	-150.00
-4.257	435.081	-150.00	-4.000	435.467	-2.00	1085+0.000	435.547	435.136	0.410	4.000	435.467	-2.00	4.147	435.247	-150.00
-4.151	436.449	-150.00	-4.000	436.676	-2.00	1086+0.000	436.756	436.340	0.416	4.000	436.676	-2.00	4.291	436.240	-150.00
-4.109	437.455	-150.00	-4.000	437.619	-2.00	1087+0.000	437.699	437.347	0.352	4.000	437.619	-2.00	4.266	437.220	-150.00
-4.140	438.185	-150.00	-4.000	438.394	-2.00	1088+0.000	438.474	438.009	0.466	4.000	438.394	-2.00	4.381	437.822	-150.00
-4.182	438.655	-150.00	-4.000	438.928	-2.00	1089+0.000	439.008	438.467	0.542	4.000	438.928	-2.00	4.451	438.251	-150.00
-4.297	439.016	-150.00	-4.000	439.462	-2.00	1090+0.000	439.542	438.832	0.710	4.000	439.462	-2.00	4.550	438.637	-150.00
-4.278	439.580	-150.00	-4.000	439.997	-2.00	1091+0.000	440.077	439.422	0.654	4.000	439.997	-2.00	4.535	439.194	-150.00
-4.197	440.235	-150.00	-4.000	440.531	-2.00	1092+0.000	440.611	440.024	0.587	4.000	440.531	-2.00	4.474	439.820	-150.00
-4.279	441.187	-150.00	-4.000	441.605	-2.00	1093+0.000	441.685	441.050	0.635	4.000	441.605	-2.00	4.460	440.915	-150.00
-4.284	442.836	-150.00	-4.000	443.262	-2.00	1094+0.000	443.342	442.585	0.758	4.000	443.262	-2.00	4.629	442.318	-150.00
-4.086	444.791	-150.00	-4.000	444.921	-2.00	1095+0.000	445.001	444.478	0.523	4.000	444.921	-2.00	4.512	444.153	-150.00
-4.015	446.362	-150.00	-4.000	446.384	-2.00	1096+0.000	446.464	446.068	0.396	4.000	446.384	-2.00	4.427	445.744	-150.00
-4.067	447.697	-150.00	-4.000	447.798	-2.00	1097+0.000	447.878	447.373	0.505	4.000	447.798	-2.00	4.515	447.026	-150.00
-4.070	448.712	-150.00	-4.000	448.817	-2.00	1098+0.000	448.897	448.392	0.505	4.000	448.817	-2.00	4.522	448.035	-150.00
-4.095	449.517	-150.00	-4.000	449.659	-2.00	1099+0.000	449.739	449.262	0.477	4.000	449.659	-2.00	4.471	448.952	-150.00
-4.095	450.116	-150.00	-4.000	450.259	-2.00	1100+0.000	450.339	449.877	0.462	4.000	450.259	-2.00	4.451	449.582	-150.00
-4.121	450.059	-150.00	-4.000	450.241	-2.00	1101+0.000	450.321	449.839	0.481	4.000	450.241	-2.00	4.424	449.604	-150.00
-4.084	449.944	-150.00	-4.000	450.070	-2.00	1102+0.000	450.150	449.682	0.469	4.000	450.070	-2.00	4.450	449.396	-150.00
-4.124	449.471	-150.00	-4.000	449.657	-2.00	1103+0.000	449.737	449.204	0.532	4.000	449.657	-2.00	4.477	448.942	-150.00
-4.100	449.092	-150.00	-4.000	449.243	-2.00	1104+0.000	449.323	448.822	0.501	4.000	449.243	-2.00	4.480	448.523	-150.00
-4.064	448.734	-150.00	-4.000	448.829	-2.00	1105+0.000	448.909	448.455	0.454	4.000	448.829	-2.00	4.454	448.149	-150.00
-4.083	448.605	-150.00	-4.000	448.729	-2.00	1106+0.000	448.809	448.341	0.468	4.000	448.729	-2.00	4.450	448.054	-150.00
-4.162	448.596	-150.00	-4.000	448.840	-2.00	1107+0.000	448.920	448.335	0.584	4.000	448.840	-2.00	4.525	448.051	-150.00
-4.284	448.524	-150.00	-4.000	448.950	-2.00	1108+0.000	449.030	448.362	0.668	4.000	448.950	-2.00	4.506	448.192	-150.00
-4.165	448.814	-150.00	-4.000	449.061	-2.00	1109+0.000	449.141	448.672	0.469	4.000	449.061	-2.00	4.358	448.524	-150.00
-4.149	448.828	-150.00	-4.000	449.051	-2.00	1110+0.000	449.131	448.700	0.430	4.000	449.051	-2.00	4.319	448.572	-150.00
-4.171	448.740	-150.00	-4.000	448.997	-2.00	1111+0.000	449.077	448.681	0.397	4.000	448.997	-2.00	4.280	448.578	-150.00
-4.147	448.493	-150.00	-4.000	448.714	-2.00	1112+0.000	448.794	448.387	0.407	4.000	448.714	-2.00	4.264	448.318	-150.00
-4.108	448.016	-150.00	-4.000	448.177	-2.00	1113+0.000	448.257	447.967	0.290	4.000	448.177	-2.00	4.148	447.955	-150.00
-4.153	447.411	-150.00	-4.000	447.641	-2.00	1114+0.000	447.721	447.472	0.249	4.000	447.641	-2.00	4.130	447.446	-150.00
-4.245	446.578	-150.00	-4.000	446.946	-2.00	1115+0.000	447.026	446.623	0.403	4.000	446.946	-2.00	4.185	446.668	-150.00
-4.243	445.592	-150.00	-4.000	445.956	-2.00	1116+0.000	446.036	445.608	0.429	4.000	445.956	-2.00	4.222	445.623	-150.00
-4.314	444.488	-150.00	-4.000	444.959	-2.00	1117+0.000	445.039	444.527	0.512	4.000	444.959	-2.00	4.258	444.573	-150.00
-4.347	443.442	-150.00	-4.000	443.962	-2.00	1118+0.000	444.042	443.472	0.571	4.000	443.962	-2.00	4.305	443.505	-150.00
-4.367	442.415	-150.00	-4.000	442.965	-2.00	1119+0.000	443.045	442.425	0.621	4.000	442.965	-2.00	4.334	442.465	-150.00
-4.400	441.368	-150.00	-4.000	441.969	-2.00	1120+0.000	442.049	441.405	0.644	4.000	441.969	-2.00	4.339	441.459	-150.00
-4.421	440.340	-150.00	-4.000	440.972	-2.00	1121+0.000	441.052	440.396	0.656	4.000	440.972	-2.00	4.345	440.454	-150.00
-4.391	439.387	-150.00	-4.000	439.975	-2.00	1122+0.000	440.055	439.327	0.727	4.000	439.975	-2.00	4.440	439.314	-150.00
-4.293	438.538	-150.00	-4.000	438.978	-2.00	1123+0.000	439.058	438.485	0.573	4.000	438.978	-2.00	4.365	438.430	-150.00
-4.180	437.724	-150.00	-4.000	437.995	-2.00	1124+0.000	438.075	437.672	0.403	4.000	437.995	-2.00	4.241	437.634	-150.00
-4.155	436.996	-150.00	-4.000	437.227	-2.00	1125+0.000	437.307	436.920	0.388	4.000	437.227	-2.00	4.255	436.844	-150.00
-4.118	436.349	-150.00	-4.000	436.527	-2.00	1126+0.000	436.607	436.274	0.333	4.000	436.527	-2.00	4.220	436.197	-150.00
-4.086	435.699	-150.00	-4.000	435.827	-2.00	1127+0.000	435.907	435.623	0.284	4.000	435.827	-2.00	4.188	435.545	-150.00
-4.043	435.062	-150.00	-4.000	435.127	-2.00	1128+0.000	435.207	434.978	0.228	4.000	435.127	-2.00	4.156	434.892	-150.00
-4.086	434.298	-150.00	-4.000	434.426	-2.00	1129+0.000	434.506	434.192	0.315	4.000	434.426	-2.00	4.216	434.102	-150.00
-4.149	433.469	-150.00	-4.000	433.693	-2.00	1130+0.000	433.773	433.383	0.390	4.000	433.693	-2.00	4.275	433.280	-150.00
-4.302	432.311	-150.00	-4.000	432.763	-2.00	1131+0.000	432.843	432.335	0.508	4.000	432.763	-2.00	4.291	432.326	-150.00

-4.527	431.253	-150.00	-4.000	432.043	-2.00	1132+0.000	432.123	431.351	0.771	4.000	432.043	-2.00	4.412	431.424	-150.00
-4.630	430.598	-150.00	-4.000	431.543	-2.00	1133+0.000	431.623	430.647	0.976	4.000	431.543	-2.00	4.565	430.694	-150.00
-4.460	430.505	-150.00	-4.000	431.196	-2.00	1134+0.000	431.276	430.630	0.646	4.000	431.196	-2.00	4.297	430.750	-150.00
-4.306	430.779	-150.00	-4.000	431.237	-2.00	1135+0.000	431.317	430.810	0.507	4.000	431.237	-2.00	4.257	430.852	-150.00
-4.325	431.601	-150.00	-4.000	432.089	-2.00	1136+0.000	432.169	431.661	0.508	4.000	432.089	-2.00	4.275	431.677	-150.00
-4.311	432.475	-150.00	-4.000	432.941	-2.00	1137+0.000	433.021	432.496	0.525	4.000	432.941	-2.00	4.282	432.518	-150.00
-4.353	433.265	-150.00	-4.000	433.794	-2.00	1138+0.000	433.874	433.318	0.556	4.000	433.794	-2.00	4.283	433.370	-150.00
-4.063	434.328	-150.00	-4.000	434.423	-2.00	1139+0.000	434.503	434.226	0.277	4.000	434.423	-2.00	4.202	434.120	-150.00
-4.194	434.553	-150.00	-4.000	434.844	-2.00	1140+0.000	434.924	434.440	0.484	4.000	434.844	-2.00	4.360	434.303	-150.00
-4.207	434.276	-150.00	-4.000	434.586	-2.00	1141+0.000	434.666	434.206	0.460	4.000	434.586	-2.00	4.377	434.020	-150.00
-4.162	433.626	-150.00	-4.000	433.868	-2.00	1142+0.000	433.948	433.580	0.368	4.000	433.868	-2.00	4.273	433.459	-150.00
-4.203	432.473	-150.00	-4.000	432.778	-2.00	1143+0.000	432.858	432.465	0.393	4.000	432.778	-2.00	4.270	432.373	-150.00
-4.153	431.338	-150.00	-4.000	431.567	-2.00	1144+0.000	431.647	431.253	0.394	4.000	431.567	-2.00	4.267	431.166	-150.00
-4.132	430.164	-150.00	-4.000	430.362	-2.00	1145+0.000	430.442	430.075	0.367	4.000	430.362	-2.00	4.253	429.983	-150.00
-4.167	429.188	-150.00	-4.000	429.438	-2.00	1146+0.000	429.518	429.070	0.448	4.000	429.438	-2.00	4.332	428.940	-150.00
-4.180	428.389	-150.00	-4.000	428.660	-2.00	1147+0.000	428.740	428.228	0.512	4.000	428.660	-2.00	4.401	428.058	-150.00
-4.169	427.848	-150.00	-4.000	428.102	-2.00	1148+0.000	428.182	427.618	0.564	4.000	428.102	-2.00	4.488	427.371	-150.00
-4.039	427.722	-150.00	-4.000	427.781	-2.00	1149+0.000	427.861	427.431	0.431	4.000	427.781	-2.00	4.448	427.110	-150.00
-4.025	427.641	-150.00	-4.000	427.678	-2.00	1150+0.000	427.758	427.329	0.429	4.000	427.678	-2.00	4.450	427.004	-150.00
-4.056	427.614	-150.00	-4.000	427.699	-2.00	1151+0.000	427.779	427.306	0.473	4.000	427.699	-2.00	4.456	427.015	-150.00
-4.144	427.497	-150.00	-4.000	427.713	-2.00	1152+0.000	427.793	427.194	0.600	4.000	427.713	-2.00	4.569	426.860	-150.00
-4.140	427.518	-150.00	-4.000	427.728	-2.00	1153+0.000	427.808	427.229	0.579	4.000	427.728	-2.00	4.545	426.910	-150.00
-4.120	427.562	-150.00	-4.000	427.743	-2.00	1154+0.000	427.823	427.271	0.552	4.000	427.743	-2.00	4.528	426.951	-150.00
-4.111	427.591	-150.00	-4.000	427.757	-2.00	1155+0.000	427.837	427.300	0.537	4.000	427.757	-2.00	4.518	426.980	-150.00
-4.096	427.627	-150.00	-4.000	427.772	-2.00	1156+0.000	427.852	427.338	0.514	4.000	427.772	-2.00	4.502	427.019	-150.00
-4.084	427.661	-150.00	-4.000	427.786	-2.00	1157+0.000	427.866	427.382	0.485	4.000	427.786	-2.00	4.474	427.076	-150.00
-4.057	427.714	-150.00	-4.000	427.800	-2.00	1158+0.000	427.880	427.440	0.440	4.000	427.800	-2.00	4.440	427.140	-150.00
-4.054	427.667	-150.00	-4.000	427.748	-2.00	1159+0.000	427.828	427.394	0.434	4.000	427.748	-2.00	4.409	427.135	-150.00
-4.042	427.647	-150.00	-4.000	427.710	-2.00	1160+0.000	427.790	427.410	0.379	4.000	427.710	-2.00	4.357	427.175	-150.00
-4.044	427.607	-150.00	-4.000	427.673	-2.00	1161+0.000	427.753	427.342	0.411	4.000	427.673	-2.00	4.414	427.052	-150.00
-4.093	427.326	-150.00	-4.000	427.464	-2.00	1162+0.000	427.544	427.016	0.529	4.000	427.464	-2.00	4.528	426.673	-150.00
-4.069	426.930	-150.00	-4.000	427.034	-2.00	1163+0.000	427.114	426.562	0.552	4.000	427.034	-2.00	4.591	426.147	-150.00
-4.035	426.762	66.67	-4.000	426.738	-2.00	1164+0.000	426.818	426.384	0.435	4.000	426.738	-2.00	4.476	426.025	-150.00
-4.034	426.811	-150.00	-4.000	426.863	-2.00	1165+0.000	426.943	426.506	0.437	4.000	426.863	-2.00	4.376	426.299	-150.00
-4.107	426.989	-150.00	-4.000	427.150	-2.00	1166+0.000	427.230	426.787	0.443	4.000	427.150	-2.00	4.386	426.571	-150.00
-4.128	427.323	-150.00	-4.000	427.514	-2.00	1167+0.000	427.594	427.140	0.454	4.000	427.514	-2.00	4.379	426.946	-150.00
-4.142	427.829	-150.00	-4.000	428.042	-2.00	1168+0.000	428.122	427.646	0.477	4.000	428.042	-2.00	4.394	427.451	-150.00
-4.118	428.275	-150.00	-4.000	428.452	-2.00	1169+0.000	428.532	428.092	0.440	4.000	428.452	-2.00	4.367	427.901	-150.00
-4.029	428.673	-150.00	-4.000	428.717	-2.00	1170+0.000	428.797	428.415	0.382	4.000	428.717	-2.00	4.312	428.248	-150.00
-4.068	428.879	-150.00	-4.000	428.982	-2.00	1171+0.000	429.062	428.637	0.425	4.000	428.982	-2.00	4.357	428.446	-150.00
ASFALTO EXISTENTE						1172+0.000	428.648	428.648	0.000	ASFALTO EXISTENTE					
						1173+0.000	428.282	428.282	0.000						
						1174+0.000	427.926	427.926	0.000						
						1175+0.000	427.665	427.665	0.000						
						1176+0.000	427.518	427.518	0.000						
						1177+0.000	427.607	427.607	0.000						
						1178+0.000	427.899	427.899	0.000						
						1179+0.000	428.449	428.449	0.000						
						1180+0.000	429.127	429.127	0.000						
						1181+0.000	429.556	429.556	0.000						
						1182+0.000	429.619	429.619	0.000						
						1183+0.000	429.674	429.674	0.000						
						1184+0.000	429.822	429.822	0.000						
						1185+0.000	429.994	429.994	0.000						
						1186+0.000	430.228	430.228	0.000						
						1187+0.000	430.506	430.506	0.000						
						1188+0.000	430.659	430.659	0.000						
						1189+0.000	430.842	430.842	0.000						
						1190+0.000	430.798	430.798	0.000						
						1191+0.000	430.698	430.698	0.000						
-4.149	430.572	-150.00	-4.000	430.795	-2.00	1192+0.000	430.875	430.436	0.439	4.000	430.795	-2.00	4.327	430.304	-150.00
-4.161	430.371	-150.00	-4.000	430.613	-2.00	1193+0.000	430.693	430.249	0.444	4.000	430.613	-2.00	4.327	430.123	-150.00
-4.144	430.214	-150.00	-4.000	430.430	-2.00	1194+0.000	430.510	430.108	0.402	4.000	430.430	-2.00	4.289	429.997	-150.00
-4.199	429.949	-150.00	-4.000	430.248	-2.00	1195+0.000	430.328	429.894	0.434	4.000	430.248	-2.00	4.266	429.848	-150.00
-4.255	429.880	-150.00	-4.000	430.263	-2.00	1196+0.000	430.343	429.891	0.452	4.000	430.263	-2.00	4.225	429.926	-150.00
-4.291	430.108	-150.00	-4.000	430.545	-2.00	1197+0.000	430.625	430.141	0.484	4.000	430.545	-2.00	4.250	430.169	-150.00
-4.274	430.415	-150.00	-4.000	430.827	-2.00	1198+0.000	430.907	430.437	0.470	4.000	430.827	-2.00	4.246	430.458	-150.00

-4.258	430.760	-150.00	-4.000	431.147	-2.00	1199+0.000	431.227	430.763	0.465	4.000	431.147	-2.00	4.255	430.765	-150.00
-4.238	431.199	-150.00	-4.000	431.555	-2.00	1200+0.000	431.635	431.169	0.466	4.000	431.555	-2.00	4.278	431.139	-150.00
-4.243	431.659	-150.00	-4.000	432.023	-2.00	1201+0.000	432.103	431.622	0.482	4.000	432.023	-2.00	4.287	431.593	-150.00
-4.255	432.247	-150.00	-4.000	432.630	-2.00	1202+0.000	432.710	432.261	0.448	4.000	432.630	-2.00	4.236	432.275	-150.00
-4.223	432.902	-150.00	-4.000	433.236	-2.00	1203+0.000	433.316	432.917	0.399	4.000	433.236	-2.00	4.203	432.932	-150.00
-4.204	433.537	-150.00	-4.000	433.843	-2.00	1204+0.000	433.923	433.549	0.374	4.000	433.843	-2.00	4.191	433.556	-150.00
-4.210	434.066	-150.00	-4.000	434.381	-2.00	1205+0.000	434.461	434.046	0.415	4.000	434.381	-2.00	4.236	434.026	-150.00
-4.143	434.321	-150.00	-4.000	434.535	-2.00	1206+0.000	434.615	434.293	0.323	4.000	434.535	-2.00	4.182	434.263	-150.00
-4.122	434.506	-150.00	-4.000	434.690	-2.00	1207+0.000	434.770	434.475	0.295	4.000	434.690	-2.00	4.164	434.443	-150.00
-4.129	434.651	-150.00	-4.000	434.844	-2.00	1208+0.000	434.924	434.616	0.308	4.000	434.844	-2.00	4.178	434.576	-150.00
-4.174	434.738	-150.00	-4.000	434.999	-2.00	1209+0.000	435.079	434.697	0.382	4.000	434.999	-2.00	4.229	434.655	-150.00
-4.243	434.840	-150.00	-4.000	435.205	-2.00	1210+0.000	435.285	434.831	0.454	4.000	435.205	-2.00	4.250	434.829	-150.00
-4.259	435.158	-150.00	-4.000	435.547	-2.00	1211+0.000	435.627	435.145	0.481	4.000	435.547	-2.00	4.272	435.139	-150.00
-4.191	435.602	-150.00	-4.000	435.889	-2.00	1212+0.000	435.969	435.529	0.440	4.000	435.889	-2.00	4.290	435.453	-150.00
-4.180	435.961	-150.00	-4.000	436.231	-2.00	1213+0.000	436.311	435.889	0.422	4.000	436.231	-2.00	4.277	435.815	-150.00
-4.173	436.312	-150.00	-4.000	436.573	-2.00	1214+0.000	436.653	436.215	0.438	4.000	436.573	-2.00	4.306	436.114	-150.00
-4.177	436.366	-150.00	-4.000	436.631	-2.00	1215+0.000	436.711	436.258	0.453	4.000	436.631	-2.00	4.308	436.169	-150.00
-4.162	436.285	-150.00	-4.000	436.528	-2.00	1216+0.000	436.608	436.196	0.412	4.000	436.528	-2.00	4.283	436.103	-150.00
-4.279	436.006	-150.00	-4.000	436.425	-2.00	1217+0.000	436.505	435.959	0.546	4.000	436.425	-2.00	4.342	435.912	-150.00
-4.275	435.909	-150.00	-4.000	436.322	-2.00	1218+0.000	436.402	435.864	0.538	4.000	436.322	-2.00	4.336	435.818	-150.00
-4.272	435.848	-150.00	-4.000	436.256	-2.00	1219+0.000	436.336	435.826	0.509	4.000	436.256	-2.00	4.300	435.805	-150.00
-4.270	436.182	-150.00	-4.000	436.586	-2.00	1220+0.000	436.666	436.167	0.500	4.000	436.586	-2.00	4.287	436.155	-150.00
-4.265	436.536	-150.00	-4.000	436.934	-2.00	1221+0.000	437.014	436.529	0.485	4.000	436.934	-2.00	4.275	436.522	-150.00
-4.263	436.884	-150.00	-4.000	437.279	-2.00	1222+0.000	437.359	436.896	0.463	4.000	437.279	-2.00	4.241	436.917	-150.00
-4.282	436.810	-150.00	-4.000	437.232	-2.00	1223+0.000	437.312	436.823	0.489	4.000	437.232	-2.00	4.264	436.836	-150.00
-4.288	436.725	-150.00	-4.000	437.157	-2.00	1224+0.000	437.237	436.806	0.430	4.000	437.157	-2.00	4.180	436.886	-150.00
-4.294	436.644	-150.00	-4.000	437.086	-2.00	1225+0.000	437.166	436.734	0.432	4.000	437.086	-2.00	4.176	436.822	-150.00
-4.272	436.617	-150.00	-4.000	437.025	-2.00	1226+0.000	437.105	436.707	0.398	4.000	437.025	-2.00	4.153	436.795	-150.00
-4.278	436.547	-150.00	-4.000	436.965	-2.00	1227+0.000	437.045	436.604	0.441	4.000	436.965	-2.00	4.204	436.659	-150.00
-4.328	436.389	-150.00	-4.000	436.880	-2.00	1228+0.000	436.960	436.393	0.567	4.000	436.880	-2.00	4.322	436.397	-150.00
-4.292	436.337	-150.00	-4.000	436.776	-2.00	1229+0.000	436.856	436.309	0.547	4.000	436.776	-2.00	4.330	436.281	-150.00
-4.187	436.391	-150.00	-4.000	436.671	-2.00	1230+0.000	436.751	436.356	0.396	4.000	436.671	-2.00	4.234	436.320	-150.00
-4.174	436.306	-150.00	-4.000	436.567	-2.00	1231+0.000	436.647	436.231	0.416	4.000	436.567	-2.00	4.250	436.193	-150.00
-4.208	436.199	-150.00	-4.000	436.512	-2.00	1232+0.000	436.592	436.153	0.439	4.000	436.512	-2.00	4.270	436.106	-150.00
-4.246	436.098	-150.00	-4.000	436.467	-2.00	1233+0.000	436.547	436.034	0.513	4.000	436.467	-2.00	4.327	435.977	-150.00
-4.199	436.115	-150.00	-4.000	436.413	-2.00	1234+0.000	436.493	436.030	0.462	4.000	436.413	-2.00	4.312	435.944	-150.00
-4.115	436.252	-150.00	-4.000	436.424	-2.00	1235+0.000	436.504	436.071	0.432	4.000	436.424	-2.00	4.356	435.890	-150.00
-4.147	436.675	-150.00	-4.000	436.895	-2.00	1236+0.000	436.975	436.514	0.461	4.000	436.895	-2.00	4.365	436.347	-150.00
-4.176	437.320	-150.00	-4.000	437.585	-2.00	1237+0.000	437.665	437.197	0.468	4.000	437.585	-2.00	4.344	437.069	-150.00
-4.232	438.142	-150.00	-4.000	438.490	-2.00	1238+0.000	438.570	438.097	0.473	4.000	438.490	-2.00	4.291	438.054	-150.00
-4.249	438.777	-150.00	-4.000	439.151	-2.00	1239+0.000	439.231	438.756	0.475	4.000	439.151	-2.00	4.253	438.771	-150.00
-4.231	439.459	-150.00	-4.000	439.805	-2.00	1240+0.000	439.885	439.420	0.465	4.000	439.805	-2.00	4.279	439.386	-150.00
-4.178	440.045	-150.00	-4.000	440.313	-2.00	1241+0.000	440.393	439.935	0.458	4.000	440.313	-2.00	4.315	439.840	-150.00
-4.207	440.332	-150.00	-4.000	440.643	-2.00	1242+0.000	440.723	440.263	0.460	4.000	440.643	-2.00	4.310	440.179	-150.00
-4.224	440.658	-150.00	-4.000	440.993	-2.00	1243+0.000	441.073	440.622	0.451	4.000	440.993	-2.00	4.261	440.602	-150.00
-4.273	441.312	-150.00	-4.000	441.721	-2.00	1244+0.000	441.801	441.294	0.507	4.000	441.721	-2.00	4.296	441.276	-150.00
-4.282	442.029	-150.00	-4.000	442.452	-2.00	1245+0.000	442.532	442.022	0.510	4.000	442.452	-2.00	4.291	442.016	-150.00
ASFALTO EXISTENTE						1246+0.000	442.771	442.771	0.000	ASFALTO EXISTENTE					
						1247+0.000	443.558	443.558	0.000						
						1248+0.000	444.295	444.295	0.000						
						1249+0.000	445.041	445.041	0.000						
						1250+0.000	445.769	445.769	0.000						
						1251+0.000	446.484	446.484	0.000						
						1252+0.000	447.182	447.182	0.000						
						1253+0.000	447.793	447.793	0.000						
						1254+0.000	448.314	448.314	0.000						
						1255+0.000	448.930	448.930	0.000						
						1256+0.000	449.566	449.566	0.000						
						1257+0.000	450.242	450.242	0.000						
-4.319	451.284	-150.00	-4.000	451.762	-2.00	1258+0.000	451.842	451.251	0.591	4.000	451.762	-2.00	4.375	451.200	-150.00
-4.335	452.364	-150.00	-4.000	452.867	-2.00	1259+0.000	452.947	452.301	0.647	4.000	452.867	-2.00	4.421	452.236	-150.00
-4.295	453.588	-150.00	-4.000	454.030	-2.00	1260+0.000	454.110	453.472	0.638	4.000	454.030	-2.00	4.452	453.352	-150.00
-4.261	454.952	-150.00	-4.000	455.345	-2.00	1261+0.000	455.425	454.838	0.586	4.000	455.345	-2.00	4.416	454.720	-150.00
-4.217	456.342	-150.00	-4.000	456.667	-2.00	1262+0.000	456.747	456.244	0.503	4.000	456.667	-2.00	4.349	456.144	-150.00
-4.219	457.675	-150.00	-4.000	458.004	-2.00	1263+0.000	458.084	457.576	0.508	4.000	458.004	-2.00	4.354	457.473	-150.00
-4.259	459.134	-150.00	-4.000	459.522	-2.00	1264+0.000	459.602	459.032	0.570	4.000	459.522	-2.00	4.397	458.927	-150.00
-4.348	460.747	-150.00	-4.000	461.270	-2.00	1265+0.000	461.350	460.721	0.629	4.000	461.270	-2.00	4.384	460.695	-150.00

-4.548	462.346	-150.00	-4.000	463.169	-2.00	1266+0.000	463.249	462.330	0.919	4.000	463.169	-2.00	4.570	462.313	-150.00
-4.495	464.327	-150.00	-4.000	465.070	-2.00	1267+0.000	465.150	464.306	0.844	4.000	465.070	-2.00	4.523	464.286	-150.00
-4.358	466.435	-150.00	-4.000	466.972	-2.00	1268+0.000	467.052	466.355	0.697	4.000	466.972	-2.00	4.466	466.273	-150.00
-4.285	468.447	-150.00	-4.000	468.874	-2.00	1269+0.000	468.954	468.369	0.585	4.000	468.874	-2.00	4.391	468.288	-150.00
-4.197	470.240	-150.00	-4.000	470.536	-2.00	1270+0.000	470.616	470.101	0.514	4.000	470.536	-2.00	4.386	469.957	-150.00
-4.169	471.565	-150.00	-4.000	471.818	-2.00	1271+0.000	471.898	471.420	0.478	4.000	471.818	-2.00	4.383	471.243	-150.00
-4.140	472.891	-150.00	-4.000	473.100	-2.00	1272+0.000	473.180	472.683	0.498	4.000	473.100	-2.00	4.166	472.851	-150.00
-4.212	473.810	-150.00	-4.000	474.129	-2.00	1273+0.000	474.209	473.743	0.466	4.000	474.129	-2.00	4.038	474.071	-150.00
-4.444	474.368	-150.00	-4.000	475.034	-2.00	1274+0.000	475.114	474.634	0.480	4.000	475.034	-2.00	4.103	474.880	-150.00
-4.444	475.241	-150.00	-4.000	475.907	-2.00	1275+0.000	475.987	475.513	0.474	4.000	475.907	-2.00	4.141	475.695	-150.00
-4.280	475.264	-150.00	-4.000	475.684	-2.00	1276+0.000	475.764	475.274	0.490	4.000	475.684	-2.00	4.246	475.315	-150.00
-4.156	475.116	-150.00	-4.000	475.350	-2.00	1277+0.000	475.430	475.119	0.311	4.000	475.350	-2.00	4.153	475.121	-150.00
-4.164	474.769	-150.00	-4.000	475.016	-2.00	1278+0.000	475.096	474.757	0.339	4.000	475.016	-2.00	4.181	474.744	-150.00
-4.227	474.459	-150.00	-4.000	474.800	-2.00	1279+0.000	474.880	474.438	0.441	4.000	474.800	-2.00	4.255	474.417	-150.00
-4.218	474.853	-150.00	-4.000	475.181	-2.00	1280+0.000	475.261	474.563	0.699	4.000	475.181	-2.00	4.571	474.325	-150.00
-4.188	475.941	-150.00	-4.000	476.223	-2.00	1281+0.000	476.303	475.783	0.520	4.000	476.223	-2.00	4.404	475.618	-150.00
-4.147	477.208	-150.00	-4.000	477.428	-2.00	1282+0.000	477.508	477.001	0.507	4.000	477.428	-2.00	4.422	476.795	-150.00
-4.052	478.205	-150.00	-4.000	478.282	-2.00	1283+0.000	478.362	477.845	0.517	4.000	478.282	-2.00	4.453	477.603	-150.00
-4.275	478.951	66.67	-4.000	478.768	-2.00	1284+0.000	478.848	478.719	0.128	4.000	478.768	-2.00	4.183	478.493	-150.00
-4.074	479.301	66.67	-4.000	479.251	-2.00	1285+0.000	479.331	479.029	0.303	4.000	479.251	-2.00	4.342	478.739	-150.00
-4.160	479.192	-150.00	-4.000	479.433	-2.00	1286+0.000	479.513	479.152	0.361	4.000	479.433	-2.00	4.215	479.110	-150.00
-4.107	479.369	-150.00	-4.000	479.529	-2.00	1287+0.000	479.609	479.328	0.281	4.000	479.529	-2.00	4.163	479.284	-150.00
-4.166	479.370	-150.00	-4.000	479.619	-2.00	1288+0.000	479.699	479.342	0.357	4.000	479.619	-2.00	4.204	479.313	-150.00
-4.197	479.229	-150.00	-4.000	479.524	-2.00	1289+0.000	479.604	479.177	0.427	4.000	479.524	-2.00	4.184	479.248	-150.00
-4.235	479.120	-150.00	-4.000	479.472	-2.00	1290+0.000	479.552	479.119	0.433	4.000	479.472	-2.00	4.176	479.208	-150.00
-4.227	479.125	-150.00	-4.000	479.466	-2.00	1291+0.000	479.546	479.124	0.421	4.000	479.466	-2.00	4.229	479.122	-150.00
-4.254	479.102	-150.00	-4.000	479.483	-2.00	1292+0.000	479.563	479.169	0.394	4.000	479.483	-2.00	4.128	479.291	-150.00
-4.222	479.211	-150.00	-4.000	479.544	-2.00	1293+0.000	479.624	479.309	0.315	4.000	479.544	-2.00	4.094	479.404	-150.00
-4.257	479.238	-150.00	-4.000	479.624	-2.00	1294+0.000	479.704	479.267	0.436	4.000	479.624	-2.00	4.150	479.399	-150.00
-4.363	479.665	-150.00	-4.000	480.209	-2.00	1295+0.000	480.289	479.806	0.483	4.000	480.209	-2.00	4.160	479.970	-150.00
-4.388	480.223	-150.00	-4.000	480.804	-2.00	1296+0.000	480.884	480.411	0.473	4.000	480.804	-2.00	4.143	480.590	-150.00
-4.425	480.626	-150.00	-4.000	481.263	-2.00	1297+0.000	481.343	480.816	0.527	4.000	481.263	-2.00	4.159	481.024	-150.00
-4.416	481.099	-150.00	-4.000	481.722	-2.00	1298+0.000	481.802	481.337	0.465	4.000	481.722	-2.00	4.109	481.558	-150.00
-4.472	481.639	-150.00	-4.000	482.346	-2.00	1299+0.000	482.426	481.944	0.482	4.000	482.346	-2.00	4.082	482.224	-150.00
-4.482	482.564	-150.00	-4.000	483.287	-2.00	1300+0.000	483.367	482.870	0.496	4.000	483.287	-2.00	4.092	483.148	-150.00
-4.463	483.342	-150.00	-4.000	484.036	-2.00	1301+0.000	484.116	483.642	0.474	4.000	484.036	-2.00	4.079	483.917	-150.00
-4.511	484.055	-150.00	-4.000	484.821	-2.00	1302+0.000	484.901	484.428	0.473	4.000	484.821	-2.00	4.039	484.762	-150.00
-4.532	485.005	-150.00	-4.000	485.802	-2.00	1303+0.000	485.882	485.379	0.503	4.000	485.802	-2.00	4.058	485.715	-150.00
-4.476	485.729	-150.00	-4.000	486.443	-2.00	1304+0.000	486.523	486.109	0.414	4.000	486.443	-2.00	4.009	486.449	66.67
-4.198	486.273	-150.00	-4.000	486.571	-2.00	1305+0.000	486.651	486.700	-0.050	4.000	486.571	-2.00	4.955	487.207	66.67
-4.329	486.200	-150.00	-4.000	486.693	-2.00	1306+0.000	486.773	486.583	0.190	4.000	486.693	-2.00	4.522	487.041	66.67
-4.445	486.136	-150.00	-4.000	486.803	-2.00	1307+0.000	486.883	486.450	0.433	4.000	486.803	-2.00	4.145	486.900	66.67
-4.356	486.345	-150.00	-4.000	486.878	-2.00	1308+0.000	486.958	486.631	0.327	4.000	486.878	-2.00	4.086	486.936	66.67
-4.353	486.424	-150.00	-4.000	486.954	-2.00	1309+0.000	487.034	486.621	0.412	4.000	486.954	-2.00	4.189	487.079	66.67
-4.567	486.444	-150.00	-4.000	487.294	-2.00	1310+0.000	487.374	487.011	0.363	4.000	487.294	-2.00	4.394	487.557	66.67
-4.588	486.793	-150.00	-4.000	487.675	-2.00	1311+0.000	487.755	487.331	0.424	4.000	487.675	-2.00	4.228	487.827	66.67
-4.310	487.558	-150.00	-4.000	488.024	-2.00	1312+0.000	488.104	487.936	0.168	4.000	488.024	-2.00	4.318	488.236	66.67
-4.340	487.297	-150.00	-4.000	487.806	-2.00	1313+0.000	487.886	487.565	0.321	4.000	487.806	-2.00	4.012	487.814	66.67
-4.382	487.015	-150.00	-4.000	487.588	-2.00	1314+0.000	487.668	487.234	0.434	4.000	487.588	-2.00	4.057	487.626	66.67
-4.544	486.706	-150.00	-4.000	487.523	-2.00	1315+0.000	487.603	487.168	0.435	4.000	487.523	-2.00	4.097	487.587	66.67
-4.613	486.693	-150.00	-4.000	487.613	-2.00	1316+0.000	487.693	487.096	0.597	4.000	487.613	-2.00	4.097	487.468	-150.00
-4.607	486.793	-150.00	-4.000	487.703	-2.00	1317+0.000	487.783	487.125	0.658	4.000	487.703	-2.00	4.174	487.443	-150.00
-4.490	487.058	-150.00	-4.000	487.793	-2.00	1318+0.000	487.873	487.364	0.510	4.000	487.793	-2.00	4.100	487.643	-150.00
-4.554	487.117	-150.00	-4.000	487.949	-2.00	1319+0.000	488.029	487.367	0.661	4.000	487.949	-2.00	4.233	487.600	-150.00
-4.442	487.457	-150.00	-4.000	488.119	-2.00	1320+0.000	488.199	487.600	0.599	4.000	488.119	-2.00	4.254	487.737	-150.00
-4.378	487.722	-150.00	-4.000	488.289	-2.00	1321+0.000	488.369	487.862	0.508	4.000	488.289	-2.00	4.218	487.962	-150.00
-4.363	488.175	-150.00	-4.000	488.720	-2.00	1322+0.000	488.800	488.264	0.536	4.000	488.720	-2.00	4.246	488.351	-150.00
-4.334	488.698	-150.00	-4.000	489.199	-2.00	1323+0.000	489.279	488.768	0.511	4.000	489.199	-2.00	4.241	488.837	-150.00
-4.300	489.216	-150.00	-4.000	489.666	-2.00	1324+0.000	489.746	489.272	0.475	4.000	489.666	-2.00	4.236	489.312	-150.00
-4.314	489.604	-150.00	-4.000	490.074	-2.00	1325+0.000	490.154	489.643	0.511	4.000	490.074	-2.00	4.283	489.650	-150.00
-4.313	490.007	-150.00	-4.000	490.477	-2.00	1326+0.000	490.557	490.055	0.502	4.000	490.477	-2.00	4.250	490.102	-150.00
-4.301	490.429	-150.00	-4.000	490.880	-2.00	1327+0.000	490.960	490.474	0.486	4.000	490.880	-2.00	4.240	490.520	-150.00
-4.374	491.013	-150.00	-4.000	491.574	-2.00	1328+0.000	491.654	491.094	0.560	4.000	491.574	-2.00	4.267	491.174	-150.00
-4.325	491.836	-150.00	-4.000	492.324	-2.00	1329+0.000	492.404	491.917	0.487	4.000	492.324	-2.00	4.221	491.993	-150.00
-4.344	492.567	-150.00	-4.000	493.083	-2.00	1330+0.000	493.163	492.659	0.504	4.000	493.083	-2.00	4.247	492.712	-150.00
-4.314	493.414	-150.00	-4.000	493.886	-2.00	1331+0.000	493.966	493.477	0.489	4.000	493.886	-2.00	4.243	493.521	-150.00
-4.286	494.142	-150.00	-4.000	494.570	-2.00	1332+0.000	494.650	494.194	0.456	4.000	494.570	-2.00	4.217	494.245	-150.00

Orvalde Leal de Souza Sil
Secretário

-4.409	494.692	-150.00	-4.000	495.306	-2.00	1333+0.000	495.386	494.799	0.588	4.000	495.306	-2.00	4.270	494.901	-150.00
-4.509	495.747	-150.00	-4.000	496.510	-2.00	1334+0.000	496.590	495.846	0.744	4.000	496.510	-2.00	4.363	495.965	-150.00
-4.496	496.970	-150.00	-4.000	497.714	-2.00	1335+0.000	497.794	497.115	0.678	4.000	497.714	-2.00	4.306	497.254	-150.00
-4.476	498.203	-150.00	-4.000	498.917	-2.00	1336+0.000	498.997	498.365	0.633	4.000	498.917	-2.00	4.266	498.519	-150.00
-4.359	499.583	-150.00	-4.000	500.121	-2.00	1337+0.000	500.201	499.679	0.522	4.000	500.121	-2.00	4.228	499.779	-150.00
-4.306	500.744	-150.00	-4.000	501.202	-2.00	1338+0.000	501.282	500.848	0.434	4.000	501.202	-2.00	4.213	500.882	-150.00
-4.374	501.209	-150.00	-4.000	501.769	-2.00	1339+0.000	501.849	501.274	0.575	4.000	501.769	-2.00	4.307	501.309	-150.00
-4.413	501.716	-150.00	-4.000	502.336	-2.00	1340+0.000	502.416	501.782	0.634	4.000	502.336	-2.00	4.328	501.844	-150.00
-4.454	502.262	-150.00	-4.000	502.943	-2.00	1341+0.000	503.023	502.326	0.697	4.000	502.943	-2.00	4.369	502.389	-150.00
-4.306	503.257	-150.00	-4.000	503.716	-2.00	1342+0.000	503.796	503.311	0.485	4.000	503.716	-2.00	4.235	503.364	-150.00
-4.331	504.698	-150.00	-4.000	505.196	-2.00	1343+0.000	505.276	504.745	0.530	4.000	505.196	-2.00	4.269	504.792	-150.00
-4.367	506.597	-150.00	-4.000	507.148	-2.00	1344+0.000	507.228	506.609	0.618	4.000	507.148	-2.00	4.351	506.621	-150.00
-4.251	508.723	-150.00	-4.000	509.100	-2.00	1345+0.000	509.180	508.727	0.453	4.000	509.100	-2.00	4.270	508.694	-150.00
-4.246	510.683	-150.00	-4.000	511.052	-2.00	1346+0.000	511.132	510.647	0.485	4.000	511.052	-2.00	4.295	510.610	-150.00
-4.256	512.533	-150.00	-4.000	512.917	-2.00	1347+0.000	512.997	512.472	0.526	4.000	512.917	-2.00	4.339	512.409	-150.00
-4.248	513.930	-150.00	-4.000	514.302	-2.00	1348+0.000	514.382	513.894	0.487	4.000	514.302	-2.00	4.299	513.853	-150.00
-4.192	515.191	-150.00	-4.000	515.478	-2.00	1349+0.000	515.558	515.150	0.409	4.000	515.478	-2.00	4.247	515.108	-150.00
-4.237	516.299	-150.00	-4.000	516.655	-2.00	1350+0.000	516.735	516.243	0.492	4.000	516.655	-2.00	4.312	516.186	-150.00
-4.294	517.390	-150.00	-4.000	517.832	-2.00	1351+0.000	517.912	517.326	0.586	4.000	517.832	-2.00	4.413	517.213	-150.00
-4.436	518.354	-150.00	-4.000	519.009	-2.00	1352+0.000	519.089	518.241	0.848	4.000	519.009	-2.00	4.590	518.124	-150.00
-4.534	519.384	-150.00	-4.000	520.185	-2.00	1353+0.000	520.265	519.289	0.977	4.000	520.185	-2.00	4.663	519.191	-150.00
-4.627	520.422	-150.00	-4.000	521.362	-2.00	1354+0.000	521.442	520.326	1.117	4.000	521.362	-2.00	4.746	520.243	-150.00
ASFALTO EXISTENTE						1355+0.000	521.443	521.443	0.000	ASFALTO EXISTENTE					
						1356+0.000	522.647	522.647	0.000						
						1357+0.000	524.004	524.004	0.000						
						1358+0.000	525.495	525.495	0.000						
						1359+0.000	526.965	526.965	0.000						
						1360+0.000	528.489	528.489	0.000						
						1361+0.000	529.918	529.918	0.000						
						1362+0.000	531.303	531.303	0.000						
						1363+0.000	532.779	532.779	0.000						
						1364+0.000	534.327	534.327	0.000						
						1365+0.000	536.126	536.126	0.000						
						1366+0.000	538.198	538.198	0.000						
-4.416	540.328	-150.00	-4.000	540.952	-2.00	1367+0.000	541.032	540.456	0.576	4.000	540.952	-2.00	4.249	540.579	-150.00
-4.360	542.651	-150.00	-4.000	543.190	-2.00	1368+0.000	543.270	542.780	0.491	4.000	543.190	-2.00	4.191	542.903	-150.00
-4.167	545.066	-150.00	-4.000	545.317	-2.00	1369+0.000	545.397	545.156	0.241	4.000	545.317	-2.00	4.049	545.244	-150.00
			-4.000	547.440	-2.00	1370+0.000	547.520	547.492	0.027	4.000	547.440	-2.00	4.169	547.552	66.67
-4.029	549.519	-150.00	-4.000	549.562	-2.00	1371+0.000	549.642	549.578	0.064	4.000	549.562	-2.00	4.114	549.638	66.67
-4.128	551.494	-150.00	-4.000	551.685	-2.00	1372+0.000	551.765	551.553	0.212	4.000	551.685	-2.00	4.049	551.612	-150.00
-4.337	553.293	-150.00	-4.000	553.799	-2.00	1373+0.000	553.879	553.357	0.522	4.000	553.799	-2.00	4.253	553.419	-150.00
-4.304	554.969	-150.00	-4.000	555.425	-2.00	1374+0.000	555.505	554.992	0.513	4.000	555.425	-2.00	4.274	555.014	-150.00
-4.312	556.500	-150.00	-4.000	556.969	-2.00	1375+0.000	557.049	556.525	0.524	4.000	556.969	-2.00	4.280	556.549	-150.00
-4.289	557.871	-150.00	-4.000	558.305	-2.00	1376+0.000	558.385	557.866	0.519	4.000	558.305	-2.00	4.296	557.861	-150.00
-4.241	559.155	-150.00	-4.000	559.516	-2.00	1377+0.000	559.596	559.094	0.502	4.000	559.516	-2.00	4.322	559.033	-150.00
-4.235	560.250	-150.00	-4.000	560.603	-2.00	1378+0.000	560.683	560.183	0.500	4.000	560.603	-2.00	4.362	560.061	-150.00
-4.116	561.101	-150.00	-4.000	561.275	-2.00	1379+0.000	561.355	560.922	0.433	4.000	561.275	-2.00	4.358	560.738	-150.00
-4.157	561.072	-150.00	-4.000	561.308	-2.00	1380+0.000	561.388	560.856	0.532	4.000	561.308	-2.00	4.456	560.624	-150.00
-4.273	560.727	-150.00	-4.000	561.137	-2.00	1381+0.000	561.217	560.494	0.723	4.000	561.137	-2.00	4.590	560.252	-150.00
-4.233	560.753	-150.00	-4.000	561.102	-2.00	1382+0.000	561.182	560.533	0.649	4.000	561.102	-2.00	4.537	560.296	-150.00
-4.064	561.166	-150.00	-4.000	561.262	-2.00	1383+0.000	561.342	560.973	0.369	4.000	561.262	-2.00	4.330	560.767	-150.00
-4.234	562.021	-150.00	-4.000	562.372	-2.00	1384+0.000	562.452	561.829	0.622	4.000	562.372	-2.00	4.499	561.623	-150.00
-4.444	563.088	-150.00	-4.000	563.754	-2.00	1385+0.000	563.834	562.883	0.950	4.000	563.754	-2.00	4.725	562.666	-150.00
-4.459	564.447	-150.00	-4.000	565.136	-2.00	1386+0.000	565.216	564.288	0.927	4.000	565.136	-2.00	4.676	564.122	-150.00
-4.369	565.965	-150.00	-4.000	566.518	-2.00	1387+0.000	566.598	565.809	0.789	4.000	566.518	-2.00	4.581	565.646	-150.00
-4.232	567.554	-150.00	-4.000	567.902	-2.00	1388+0.000	567.982	567.462	0.520	4.000	567.902	-2.00	4.356	567.369	-150.00
-4.281	568.924	-150.00	-4.000	569.346	-2.00	1389+0.000	569.426	568.872	0.554	4.000	569.346	-2.00	4.346	568.828	-150.00
-4.235	570.438	-150.00	-4.000	570.790	-2.00	1390+0.000	570.870	570.398	0.472	4.000	570.790	-2.00	4.289	570.357	-150.00
-4.222	571.820	-150.00	-4.000	572.153	-2.00	1391+0.000	572.233	571.757	0.475	4.000	572.153	-2.00	4.306	571.693	-150.00
-4.174	572.770	-150.00	-4.000	573.032	-2.00	1392+0.000	573.112	572.622	0.490	4.000	573.032	-2.00	4.378	572.465	-150.00
-4.187	573.537	-150.00	-4.000	573.818	-2.00	1393+0.000	573.898	573.384	0.514	4.000	573.818	-2.00	4.388	573.236	-150.00
-4.203	574.613	-150.00	-4.000	574.918	-2.00	1394+0.000	574.998	574.497	0.502	4.000	574.918	-2.00	4.362	574.376	-150.00
-4.231	575.944	-150.00	-4.000	576.291	-2.00	1395+0.000	576.371	575.878	0.493	4.000	576.291	-2.00	4.321	575.809	-150.00
-4.268	577.328	-150.00	-4.000	577.729	-2.00	1396+0.000	577.809	577.275	0.534	4.000	577.729	-2.00	4.338	577.222	-150.00
-4.316	578.791	-150.00	-4.000	579.266	-2.00	1397+0.000	579.346	578.856	0.489	4.000	579.266	-2.00	4.230	578.920	-150.00
-4.277	580.386	-150.00	-4.000	580.802	-2.00	1398+0.000	580.882	580.442	0.440	4.000	580.802	-2.00	4.205	580.494	-150.00
-4.245	581.971	-150.00	-4.000	582.338	-2.00	1399+0.000	582.418	582.032	0.386	4.000	582.338	-2.00	4.183	582.065	-150.00

Gerência de Engenharia da Su
Departamento de Pr
Projetos Obras
Secretaria de

-4.171	583.619	-150.00	-4.000	583.875	-2.00	1400+0.000	583.955	583.582	0.373	4.000	583.875	-2.00	4.212	583.557	-150.00
-4.239	585.037	-150.00	-4.000	585.396	-2.00	1401+0.000	585.476	585.001	0.476	4.000	585.396	-2.00	4.289	584.963	-150.00
-4.111	586.479	-150.00	-4.000	586.646	-2.00	1402+0.000	586.726	586.533	0.192	4.000	586.646	-2.00	4.040	586.586	-150.00
-4.256	587.503	-150.00	-4.000	587.887	-2.00	1403+0.000	587.967	587.559	0.409	4.000	587.887	-2.00	4.186	587.608	-150.00
-4.187	588.163	-150.00	-4.000	588.444	-2.00	1404+0.000	588.524	588.121	0.402	4.000	588.444	-2.00	4.243	588.079	-150.00
-4.073	588.285	-150.00	-4.000	588.395	-2.00	1405+0.000	588.475	588.251	0.224	4.000	588.395	-2.00	4.119	588.216	-150.00
-4.206	588.036	-150.00	-4.000	588.346	-2.00	1406+0.000	588.426	588.075	0.351	4.000	588.346	-2.00	4.155	588.114	-150.00
-4.242	587.935	-150.00	-4.000	588.297	-2.00	1407+0.000	588.377	588.020	0.357	4.000	588.297	-2.00	4.149	588.074	-150.00
-4.255	587.866	-150.00	-4.000	588.249	-2.00	1408+0.000	588.329	587.903	0.425	4.000	588.249	-2.00	4.206	587.940	-150.00
-4.301	587.906	-150.00	-4.000	588.358	-2.00	1409+0.000	588.438	587.947	0.491	4.000	588.358	-2.00	4.248	587.986	-150.00
-4.309	588.244	-150.00	-4.000	588.708	-2.00	1410+0.000	588.788	588.311	0.477	4.000	588.708	-2.00	4.221	588.377	-150.00
-4.330	588.511	-150.00	-4.000	589.006	-2.00	1411+0.000	589.086	588.618	0.468	4.000	589.006	-2.00	4.179	588.737	-150.00
-4.326	588.736	-150.00	-4.000	589.225	-2.00	1412+0.000	589.305	588.863	0.442	4.000	589.225	-2.00	4.161	588.983	-150.00
-4.276	588.752	-150.00	-4.000	589.167	-2.00	1413+0.000	589.247	588.859	0.387	4.000	589.167	-2.00	4.136	588.963	-150.00
-4.357	588.475	-150.00	-4.000	589.011	-2.00	1414+0.000	589.091	588.611	0.480	4.000	589.011	-2.00	4.180	588.742	-150.00
-4.407	588.171	-150.00	-4.000	588.782	-2.00	1415+0.000	588.862	588.360	0.502	4.000	588.782	-2.00	4.156	588.548	-150.00
-4.435	587.899	-150.00	-4.000	588.552	-2.00	1416+0.000	588.632	588.116	0.517	4.000	588.552	-2.00	4.156	588.319	-150.00
-4.412	587.706	-150.00	-4.000	588.323	-2.00	1417+0.000	588.403	587.928	0.475	4.000	588.323	-2.00	4.124	588.136	-150.00
-4.374	587.533	-150.00	-4.000	588.094	-2.00	1418+0.000	588.174	587.746	0.427	4.000	588.094	-2.00	4.097	587.949	-150.00
-4.376	587.373	-150.00	-4.000	587.936	-2.00	1419+0.000	588.016	587.597	0.419	4.000	587.936	-2.00	4.087	587.806	-150.00
-4.342	587.310	-150.00	-4.000	587.823	-2.00	1420+0.000	587.903	587.538	0.365	4.000	587.823	-2.00	4.048	587.750	-150.00
-4.335	587.207	-150.00	-4.000	587.709	-2.00	1421+0.000	587.789	587.436	0.353	4.000	587.709	-2.00	4.040	587.650	-150.00
-4.394	586.977	-150.00	-4.000	587.568	-2.00	1422+0.000	587.648	587.214	0.434	4.000	587.568	-2.00	4.085	587.440	-150.00
-4.383	586.519	-150.00	-4.000	587.094	-2.00	1423+0.000	587.174	586.786	0.388	4.000	587.094	-2.00	4.041	587.032	-150.00
-4.406	585.799	-150.00	-4.000	586.409	-2.00	1424+0.000	586.489	586.092	0.397	4.000	586.409	-2.00	4.033	586.359	-150.00
-4.407	584.855	-150.00	-4.000	585.465	-2.00	1425+0.000	585.545	585.109	0.436	4.000	585.465	-2.00	4.062	585.373	-150.00
-4.355	583.810	-150.00	-4.000	584.343	-2.00	1426+0.000	584.423	584.043	0.380	4.000	584.343	-2.00	4.041	584.282	-150.00
-4.331	582.656	-150.00	-4.000	583.153	-2.00	1427+0.000	583.233	582.891	0.342	4.000	583.153	-2.00	4.019	583.124	-150.00
-4.044	581.783	-150.00	-4.000	581.849	-2.00	1428+0.000	581.929	581.929	0.000	4.000	581.849	-2.00	4.453	582.150	66.67

TRECHO 3: MUNICÍPIO DE DOM INOCENCIO A DIVISA COM PERNAMBUCO

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
0+0,00	0,340	0,000	0,000	0,000	0,000	0,000	0,000
1+0,00	0,000	1,520	3,390	15,240	3,390	15,240	-11,850
2+0,00	0,000	2,960	0,000	44,790	3,390	60,030	-56,640
3+0,00	0,000	3,090	0,000	60,460	3,390	120,490	-117,100
4+0,00	0,000	2,910	0,000	59,960	3,390	180,450	-177,060
5+0,00	0,000	1,400	0,000	43,040	3,390	223,490	-220,100
6+0,00	0,000	1,890	0,000	32,900	3,390	256,390	-253,000
7+0,00	0,030	0,000	0,300	18,920	3,690	275,310	-271,620
8+0,00	0,000	3,280	0,300	32,830	3,990	308,140	-304,150
9+0,00	0,000	5,970	0,000	92,510	3,990	400,650	-396,660
10+0,00	0,000	5,280	0,000	112,600	3,990	513,250	-509,260
11+0,00	0,000	3,710	0,000	89,940	3,990	603,190	-599,200
12+0,00	0,000	3,480	0,000	71,800	3,990	674,990	-671,000
13+0,00	0,000	3,720	0,000	72,010	3,990	747,000	-743,010
14+0,00	0,000	3,860	0,000	75,860	3,990	822,860	-818,870
15+0,00	0,000	3,780	0,000	76,430	3,990	899,290	-895,300
16+0,00	0,000	3,940	0,000	77,150	3,990	976,440	-972,450
17+0,00	0,000	0,000	0,000	39,360	3,990	1015,800	-1011,810
18+0,00	0,000	3,690	0,000	36,900	3,990	1052,700	-1048,710
19+0,00	0,000	3,060	0,000	67,530	3,990	1120,230	-1116,240
20+0,00	0,000	2,650	0,000	57,160	3,990	1177,390	-1173,400
21+0,00	0,000	3,030	0,000	56,870	3,990	1234,260	-1230,270
22+0,00	0,000	3,020	0,000	60,570	3,990	1294,830	-1290,840
23+0,00	0,000	3,640	0,000	66,600	3,990	1361,430	-1357,440
24+0,00	0,000	3,900	0,000	75,420	3,990	1436,850	-1432,860
25+0,00	0,000	5,530	0,000	94,270	3,990	1531,120	-1527,130
26+0,00	0,000	5,930	0,000	114,590	3,990	1645,710	-1641,720
27+0,00	0,000	3,900	0,000	98,340	3,990	1744,050	-1740,060
28+0,00	0,000	8,200	0,000	121,010	3,990	1865,060	-1861,070
29+0,00	0,000	8,250	0,000	164,480	3,990	2029,540	-2025,550
30+0,00	0,000	9,010	0,000	172,560	3,990	2202,100	-2198,110
31+0,00	0,000	9,040	0,000	180,440	3,990	2382,540	-2378,550
32+0,00	0,000	6,940	0,000	159,860	3,990	2542,400	-2538,410
33+0,00	0,000	4,740	0,000	116,820	3,990	2659,220	-2655,230
34+0,00	0,000	3,490	0,000	82,340	3,990	2741,560	-2737,570
35+0,00	0,000	3,480	0,000	69,760	3,990	2811,320	-2807,330
36+0,00	0,000	3,430	0,000	69,140	3,990	2880,460	-2876,470
37+0,00	0,000	2,650	0,000	60,820	3,990	2941,280	-2937,290
38+0,00	0,000	2,360	0,000	50,110	3,990	2991,390	-2987,400
39+0,00	0,000	3,200	0,000	55,640	3,990	3047,030	-3043,040
40+0,00	0,000	3,110	0,000	63,080	3,990	3110,110	-3106,120
41+0,00	0,000	3,120	0,000	62,320	3,990	3172,430	-3168,440
42+0,00	0,000	3,350	0,000	64,630	3,990	3237,060	-3233,070
43+0,00	0,000	3,320	0,000	66,650	3,990	3303,710	-3299,720
44+0,00	0,000	3,530	0,000	68,520	3,990	3372,230	-3368,240
45+0,00	0,000	3,720	0,000	72,580	3,990	3444,810	-3440,820
46+0,00	0,000	3,750	0,000	74,680	3,990	3519,490	-3515,500
47+0,00	0,000	3,600	0,000	73,480	3,990	3592,970	-3588,980
48+0,00	0,000	3,360	0,000	69,620	3,990	3662,590	-3658,600
49+0,00	0,000	5,330	0,000	87,090	3,990	3749,680	-3745,690
50+0,00	0,000	7,110	0,000	124,590	3,990	3874,270	-3870,280
51+0,00	0,000	8,960	0,000	160,680	3,990	4034,950	-4030,960
52+0,00	0,000	7,670	0,000	166,300	3,990	4201,250	-4197,260
53+0,00	0,000	5,840	0,000	135,070	3,990	4336,320	-4332,330
54+0,00	0,000	3,290	0,000	91,280	3,990	4427,600	-4423,610

Osvaldo Feitosa da Silva
Diretor de Projetos
Secretaria das Cidades

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Liquido (m3)
55+0,00	0,000	3,160	0,000	64,440	3,990	4492,040	-4488,050
56+0,00	0,000	2,340	0,000	55,010	3,990	4547,050	-4543,060
57+0,00	0,000	1,340	0,000	36,840	3,990	4583,890	-4579,900
58+0,00	0,000	2,590	0,000	39,250	3,990	4623,140	-4619,150
59+0,00	0,000	2,710	0,000	52,960	3,990	4676,100	-4672,110
60+0,00	0,000	2,940	0,000	56,410	3,990	4732,510	-4728,520
61+0,00	0,000	2,660	0,000	55,980	3,990	4788,490	-4784,500
62+0,00	0,000	2,470	0,000	51,010	3,990	4839,500	-4835,510
63+0,00	0,000	2,560	0,000	50,090	3,990	4889,590	-4885,600
64+0,00	0,000	2,600	0,000	51,480	3,990	4941,070	-4937,080
65+0,00	0,000	2,830	0,000	54,300	3,990	4995,370	-4991,380
66+0,00	0,000	2,760	0,000	56,010	3,990	5051,380	-5047,390
67+0,00	0,000	2,610	0,000	53,740	3,990	5105,120	-5101,130
68+0,00	0,000	2,790	0,000	54,050	3,990	5159,170	-5155,180
69+0,00	0,000	2,880	0,000	56,700	3,990	5215,870	-5211,880
70+0,00	0,000	2,960	0,000	58,480	3,990	5274,350	-5270,360
71+0,00	0,000	2,970	0,000	59,340	3,990	5333,690	-5329,700
72+0,00	0,000	2,740	0,000	57,130	3,990	5390,820	-5386,830
73+0,00	0,000	2,520	0,000	52,670	3,990	5443,490	-5439,500
74+0,00	0,000	2,620	0,000	51,490	3,990	5494,980	-5490,990
75+0,00	0,000	4,950	0,000	75,790	3,990	5570,770	-5566,780
76+0,00	0,000	3,350	0,000	82,950	3,990	5653,720	-5649,730
77+0,00	0,000	3,390	0,000	67,320	3,990	5721,040	-5717,050
78+0,00	0,000	9,020	0,000	124,100	3,990	5845,140	-5841,150
79+0,00	0,000	7,360	0,000	163,780	3,990	6008,920	-6004,930
80+0,00	0,000	3,870	0,000	112,000	3,990	6120,920	-6116,930
81+0,00	0,000	4,540	0,000	84,190	3,990	6205,110	-6201,120
82+0,00	0,000	4,270	0,000	88,020	3,990	6293,130	-6289,140
83+0,00	0,000	3,970	0,000	82,270	3,990	6375,400	-6371,410
84+0,00	0,000	3,800	0,000	77,670	3,990	6453,070	-6449,080
85+0,00	0,000	3,980	0,000	77,800	3,990	6530,870	-6526,880
86+0,00	0,000	4,120	0,000	80,860	3,990	6611,730	-6607,740
87+0,00	0,000	3,960	0,000	80,950	3,990	6692,680	-6688,690
88+0,00	0,000	3,650	0,000	76,110	3,990	6768,790	-6764,800
89+0,00	0,000	4,150	0,000	77,940	3,990	6846,730	-6842,740
90+0,00	0,000	3,190	0,000	73,360	3,990	6920,090	-6916,100
91+0,00	0,000	2,490	0,000	56,840	3,990	6976,930	-6972,940
92+0,00	0,000	3,630	0,000	61,310	3,990	7038,240	-7034,250
93+0,00	0,000	3,520	0,000	71,640	3,990	7109,880	-7105,890
94+0,00	0,000	3,590	0,000	71,120	3,990	7181,000	-7177,010
95+0,00	0,000	4,450	0,000	80,440	3,990	7261,440	-7257,450
96+0,00	0,000	4,260	0,000	87,060	3,990	7348,500	-7344,510
97+0,00	0,000	3,400	0,000	76,570	3,990	7425,070	-7421,080
98+0,00	0,000	3,300	0,000	66,930	3,990	7492,000	-7488,010
99+0,00	0,000	3,360	0,000	66,580	3,990	7558,580	-7554,590
100+0,00	0,000	2,420	0,000	57,870	3,990	7616,450	-7612,460
101+0,00	0,000	2,040	0,000	44,670	3,990	7661,120	-7657,130
102+0,00	0,000	2,740	0,000	47,840	3,990	7708,960	-7704,970
103+0,00	0,000	3,490	0,000	62,290	3,990	7771,250	-7767,260
104+0,00	0,000	4,030	0,000	75,180	3,990	7846,430	-7842,440
105+0,00	0,000	5,040	0,000	90,650	3,990	7937,080	-7933,090
106+0,00	0,000	5,760	0,000	108,060	3,990	8045,140	-8041,150
107+0,00	0,000	6,660	0,000	124,220	3,990	8169,360	-8165,370
108+0,00	0,000	5,960	0,000	126,200	3,990	8295,560	-8291,570
109+0,00	0,000	5,220	0,000	111,830	3,990	8407,390	-8403,400
110+0,00	0,000	4,410	0,000	96,270	3,990	8503,660	-8499,670
111+0,00	0,000	3,870	0,000	82,740	3,990	8586,400	-8582,410
112+0,00	0,000	3,440	0,000	73,090	3,990	8659,490	-8655,500
113+0,00	0,000	3,310	0,000	67,530	3,990	8727,020	-8723,030
114+0,00	0,000	3,260	0,000	65,750	3,990	8792,770	-8788,780
115+0,00	0,000	3,510	0,000	67,690	3,990	8860,460	-8856,470
116+0,00	0,000	3,210	0,000	67,160	3,990	8927,620	-8923,630
117+0,00	0,000	3,210	0,000	64,180	3,990	8991,800	-8987,810
118+0,00	0,000	3,280	0,000	64,890	3,990	9056,690	-9052,700
119+0,00	0,000	2,950	0,000	62,320	3,990	9119,010	-9115,020

Osvaldo Leônicio da Silva
Diretor de [illegible]
Projetos e Obras
Secretaria da [illegible]

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
120+0,00	0,000	2,880	0,000	58,350	3,990	9177,360	-9173,370
121+0,00	0,000	3,340	0,000	62,170	3,990	9239,530	-9235,540
122+0,00	0,000	3,930	0,000	72,690	3,990	9312,220	-9308,230
123+0,00	0,000	4,760	0,000	86,970	3,990	9399,190	-9395,200
124+0,00	0,000	6,550	0,000	113,150	3,990	9512,340	-9508,350
125+0,00	0,000	8,180	0,000	147,270	3,990	9659,610	-9655,620
126+0,00	0,000	9,440	0,000	176,140	3,990	9835,750	-9831,760
127+0,00	0,000	8,690	0,000	181,240	3,990	10016,990	-10013,000
128+0,00	0,000	7,290	0,000	159,710	3,990	10176,700	-10172,710
129+0,00	0,000	5,480	0,000	127,660	3,990	10304,360	-10300,370
130+0,00	0,000	4,100	0,000	95,800	3,990	10400,160	-10396,170
131+0,00	0,000	3,320	0,000	74,210	3,990	10474,370	-10470,380
132+0,00	0,000	2,930	0,000	62,500	3,990	10536,870	-10532,880
133+0,00	0,000	2,480	0,000	54,100	3,990	10590,970	-10586,980
134+0,00	0,000	2,130	0,000	46,120	3,990	10637,090	-10633,100
135+0,00	0,000	1,980	0,000	41,060	3,990	10678,150	-10674,160
136+0,00	0,000	1,950	0,000	39,330	3,990	10717,480	-10713,490
137+0,00	0,000	1,370	0,000	33,220	3,990	10750,700	-10746,710
138+0,00	0,000	0,910	0,000	22,730	3,990	10773,430	-10769,440
139+0,00	0,000	0,510	0,000	14,190	3,990	10787,620	-10783,630
140+0,00	0,000	0,710	0,000	12,250	3,990	10799,870	-10795,880
141+0,00	0,000	1,720	0,000	24,310	3,990	10824,180	-10820,190
142+0,00	0,000	2,590	0,000	43,140	3,990	10867,320	-10863,330
143+0,00	0,000	3,320	0,000	59,170	3,990	10926,490	-10922,500
144+0,00	0,000	3,420	0,000	67,460	3,990	10993,950	-10989,960
145+0,00	0,000	3,300	0,000	67,280	3,990	11061,230	-11057,240
146+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
147+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
148+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
149+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
150+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
151+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
152+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
153+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
154+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
155+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
156+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
157+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
158+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
159+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
160+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
161+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
162+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
163+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
164+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
165+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
166+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
167+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
168+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
169+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
170+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
171+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
172+0,00	0,000	0,000	0,000	0,000	3,990	11061,230	-11057,240
173+0,00	0,000	3,160	0,000	63,880	3,990	11125,110	-11121,120
174+0,00	0,000	3,200	0,000	63,550	3,990	11188,660	-11184,670
175+0,00	0,000	3,660	0,000	68,610	3,990	11257,270	-11253,280
176+0,00	0,000	3,680	0,000	73,380	3,990	11330,650	-11326,660
177+0,00	0,000	3,380	0,000	70,570	3,990	11401,220	-11397,230
178+0,00	0,000	3,360	0,000	67,430	3,990	11468,650	-11464,660
179+0,00	0,000	3,590	0,000	69,530	3,990	11538,180	-11534,190
180+0,00	0,000	3,690	0,000	72,750	3,990	11610,930	-11606,940
181+0,00	0,000	4,450	0,000	81,330	3,990	11692,260	-11688,270
182+0,00	0,000	4,450	0,000	88,920	3,990	11781,180	-11777,190
183+0,00	0,000	3,950	0,000	83,980	3,990	11865,160	-11861,170
184+0,00	0,000	3,560	0,000	75,120	3,990	11940,280	-11936,290

Geraldo Ledesma da S...
Diretor ... de E...
Processo nº 25...
Secretaria de ...

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
185+0,00	0,000	2,860	0,000	64,250	3,990	12004,530	-12000,540
186+0,00	0,000	3,410	0,000	62,640	3,990	12067,170	-12063,180
187+0,00	0,000	2,570	0,000	59,800	3,990	12126,970	-12122,980
188+0,00	0,000	1,940	0,000	45,310	3,990	12172,280	-12168,290
189+0,00	0,000	3,240	0,000	51,790	3,990	12224,070	-12220,080
190+0,00	0,000	2,870	0,000	61,250	3,990	12285,320	-12281,330
191+0,00	0,000	3,400	0,000	62,900	3,990	12348,220	-12344,230
192+0,00	0,000	4,220	0,000	76,280	3,990	12424,500	-12420,510
193+0,00	0,000	5,330	0,000	95,710	3,990	12520,210	-12516,220
194+0,00	0,000	4,420	0,000	97,560	3,990	12617,770	-12613,780
195+0,00	0,000	4,570	0,000	89,960	3,990	12707,730	-12703,740
196+0,00	0,000	3,430	0,000	80,040	3,990	12787,770	-12783,780
197+0,00	0,000	2,980	0,000	64,110	3,990	12851,880	-12847,890
198+0,00	0,000	3,220	0,000	62,020	3,990	12913,900	-12909,910
199+0,00	0,000	3,060	0,000	62,850	3,990	12976,750	-12972,760
200+0,00	0,000	3,020	0,000	60,800	3,990	13037,550	-13033,560
201+0,00	0,000	3,150	0,000	61,740	3,990	13099,290	-13095,300
202+0,00	0,000	2,780	0,000	59,320	3,990	13158,610	-13154,620
203+0,00	0,000	3,230	0,000	60,130	3,990	13218,740	-13214,750
204+0,00	0,000	3,370	0,000	66,010	3,990	13284,750	-13280,760
205+0,00	0,000	2,920	0,000	62,830	3,990	13347,580	-13343,590
206+0,00	0,000	3,090	0,000	60,080	3,990	13407,660	-13403,670
207+0,00	0,000	3,220	0,000	63,070	3,990	13470,730	-13466,740
208+0,00	0,000	4,670	0,000	78,810	3,990	13549,540	-13545,550
209+0,00	0,000	6,040	0,000	107,060	3,990	13656,600	-13652,610
210+0,00	0,000	7,230	0,000	132,730	3,990	13789,330	-13785,340
211+0,00	0,000	5,910	0,000	131,420	3,990	13920,750	-13916,760
212+0,00	0,000	3,350	0,000	92,620	3,990	14013,370	-14009,380
213+0,00	0,000	3,380	0,000	67,340	3,990	14080,710	-14076,720
214+0,00	0,000	3,280	0,000	66,630	3,990	14147,340	-14143,350
215+0,00	0,000	3,190	0,000	64,700	3,990	14212,040	-14208,050
216+0,00	0,000	2,650	0,000	58,350	3,990	14270,390	-14266,400
217+0,00	0,000	2,270	0,000	49,170	3,990	14319,560	-14315,570
218+0,00	0,000	2,730	0,000	49,990	3,990	14369,550	-14365,560
219+0,00	0,000	3,430	0,000	61,620	3,990	14431,170	-14427,180
220+0,00	0,000	2,330	0,000	57,600	3,990	14488,770	-14484,780
221+0,00	0,000	2,310	0,000	46,350	3,990	14535,120	-14531,130
222+0,00	0,000	2,410	0,000	47,240	3,990	14582,360	-14578,370
223+0,00	0,000	3,770	0,000	61,850	3,990	14644,210	-14640,220
224+0,00	0,000	4,030	0,000	78,010	3,990	14722,220	-14718,230
225+0,00	0,000	4,260	0,000	82,850	3,990	14805,070	-14801,080
226+0,00	0,000	3,480	0,000	77,460	3,990	14882,530	-14878,540
227+0,00	0,000	4,370	0,000	78,540	3,990	14961,070	-14957,080
228+0,00	0,000	3,960	0,000	83,390	3,990	15044,460	-15040,470
229+0,00	0,000	3,860	0,000	78,250	3,990	15122,710	-15118,720
230+0,00	0,000	4,360	0,000	81,860	3,990	15204,570	-15200,580
231+0,00	0,000	3,470	0,000	78,320	3,990	15282,890	-15278,900
232+0,00	0,000	3,310	0,000	67,820	3,990	15350,710	-15346,720
233+0,00	0,000	3,190	0,000	64,840	3,990	15415,550	-15411,560
234+0,00	0,000	1,820	0,000	50,150	3,990	15465,700	-15461,710
235+0,00	0,000	1,290	0,000	31,100	3,990	15496,800	-15492,810
236+0,00	0,000	1,070	0,000	23,570	3,990	15520,370	-15516,380
237+0,00	0,000	3,340	0,000	44,110	3,990	15564,480	-15560,490
238+0,00	0,000	4,730	0,000	80,700	3,990	15645,180	-15641,190
239+0,00	0,000	2,800	0,000	75,270	3,990	15720,450	-15716,460
240+0,00	0,000	3,390	0,000	61,860	3,990	15782,310	-15778,320
241+0,00	0,000	3,390	0,000	67,790	3,990	15850,100	-15846,110
242+0,00	0,000	3,500	0,000	68,900	3,990	15919,000	-15915,010
243+0,00	0,000	3,650	0,000	71,500	3,990	15990,500	-15986,510
244+0,00	0,000	3,740	0,000	73,870	3,990	16064,370	-16060,380
245+0,00	0,000	3,700	0,000	74,400	3,990	16138,770	-16134,780
246+0,00	0,000	3,050	0,000	67,490	3,990	16206,260	-16202,270
247+0,00	0,000	1,090	0,010	41,380	4,000	16247,640	-16243,640
248+0,00	0,010	0,960	0,070	20,560	4,070	16268,200	-16264,130
249+0,00	0,000	1,730	0,060	26,900	4,130	16295,100	-16290,970

Coordenadoria da Se
Departamento de Pr
Prefeitura Municipal
Secretaria de Infraestrutura

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
250+0,00	0,000	2,950	0,000	46,760	4,130	16341,860	-16337,730
251+0,00	0,000	3,980	0,000	69,290	4,130	16411,150	-16407,020
252+0,00	0,000	4,100	0,000	80,770	4,130	16491,920	-16487,790
253+0,00	0,000	3,640	0,000	77,420	4,130	16569,340	-16565,210
254+0,00	0,000	3,530	0,000	71,660	4,130	16641,000	-16636,870
255+0,00	0,000	3,250	0,000	67,790	4,130	16708,790	-16704,660
256+0,00	0,000	3,180	0,000	64,350	4,130	16773,140	-16769,010
257+0,00	0,000	2,400	0,000	55,850	4,130	16828,990	-16824,860
258+0,00	0,000	2,870	0,000	52,720	4,130	16881,710	-16877,580
259+0,00	0,000	2,590	0,000	54,630	4,130	16936,340	-16932,210
260+0,00	0,000	2,150	0,000	47,460	4,130	16983,800	-16979,670
261+0,00	0,000	2,150	0,000	43,030	4,130	17026,830	-17022,700
262+0,00	0,000	2,000	0,000	41,520	4,130	17068,350	-17064,220
263+0,00	0,000	2,430	0,000	44,290	4,130	17112,640	-17108,510
264+0,00	0,000	3,550	0,000	59,830	4,130	17172,470	-17168,340
265+0,00	0,000	5,080	0,000	86,350	4,130	17258,820	-17254,690
266+0,00	0,000	5,300	0,000	103,840	4,130	17362,660	-17358,530
267+0,00	0,000	3,290	0,000	85,890	4,130	17448,550	-17444,420
268+0,00	0,000	3,290	0,000	65,750	4,130	17514,300	-17510,170
269+0,00	0,000	3,320	0,000	66,050	4,130	17580,350	-17576,220
270+0,00	0,000	3,320	0,000	66,350	4,130	17646,700	-17642,570
271+0,00	0,000	3,430	0,000	67,430	4,130	17714,130	-17710,000
272+0,00	0,000	3,670	0,000	70,990	4,130	17785,120	-17780,990
273+0,00	0,000	3,330	0,000	69,920	4,130	17855,040	-17850,910
274+0,00	0,000	3,730	0,000	70,590	4,130	17925,630	-17921,500
275+0,00	0,000	3,630	0,000	73,620	4,130	17999,250	-17995,120
276+0,00	0,000	3,440	0,000	70,700	4,130	18069,950	-18065,820
277+0,00	0,000	3,500	0,000	69,400	4,130	18139,350	-18135,220
278+0,00	0,000	3,080	0,000	65,820	4,130	18205,170	-18201,040
279+0,00	0,000	2,560	0,000	56,370	4,130	18261,540	-18257,410
280+0,00	0,000	2,380	0,000	49,310	4,130	18310,850	-18306,720
281+0,00	0,000	3,000	0,000	53,760	4,130	18364,610	-18360,480
282+0,00	0,000	3,080	0,000	60,750	4,130	18425,360	-18421,230
283+0,00	0,000	2,920	0,000	59,990	4,130	18485,350	-18481,220
284+0,00	0,000	3,210	0,000	61,270	4,130	18546,620	-18542,490
285+0,00	0,000	4,010	0,000	72,170	4,130	18618,790	-18614,660
286+0,00	0,000	4,120	0,000	81,320	4,130	18700,110	-18695,980
287+0,00	0,000	3,840	0,000	79,600	4,130	18779,710	-18775,580
288+0,00	0,000	3,320	0,000	71,550	4,130	18851,260	-18847,130
289+0,00	0,000	3,450	0,000	67,690	4,130	18918,950	-18914,820
290+0,00	0,000	3,500	0,000	69,450	4,130	18988,400	-18984,270
291+0,00	0,000	3,530	0,000	70,290	4,130	19058,690	-19054,560
292+0,00	0,000	3,510	0,000	70,430	4,130	19129,120	-19124,990
293+0,00	0,000	3,670	0,000	71,790	4,130	19200,910	-19196,780
294+0,00	0,000	3,550	0,000	72,230	4,130	19273,140	-19269,010
295+0,00	0,000	3,610	0,000	71,670	4,130	19344,810	-19340,680
296+0,00	0,000	3,770	0,000	73,800	4,130	19418,610	-19414,480
297+0,00	0,000	3,410	0,000	71,760	4,130	19490,370	-19486,240
298+0,00	0,000	3,270	0,000	66,780	4,130	19557,150	-19553,020
299+0,00	0,000	3,470	0,000	67,360	4,130	19624,510	-19620,380
300+0,00	0,000	3,580	0,000	70,510	4,130	19695,020	-19690,890
301+0,00	0,000	3,720	0,000	73,070	4,130	19768,090	-19763,960
302+0,00	0,000	3,130	0,000	68,490	4,130	19836,580	-19832,450
303+0,00	0,000	3,150	0,000	62,720	4,130	19899,300	-19895,170
304+0,00	0,000	3,160	0,000	63,010	4,130	19962,310	-19958,180
305+0,00	0,000	3,430	0,000	65,850	4,130	20028,160	-20024,030
306+0,00	0,000	3,540	0,000	69,730	4,130	20097,890	-20093,760
307+0,00	0,000	3,120	0,000	66,650	4,130	20164,540	-20160,410
308+0,00	0,000	3,130	0,000	62,560	4,130	20227,100	-20222,970
309+0,00	0,000	2,960	0,000	60,910	4,130	20288,010	-20283,880
310+0,00	0,000	3,190	0,000	61,560	4,130	20349,570	-20345,440
311+0,00	0,000	3,550	0,000	67,390	4,130	20416,960	-20412,830
312+0,00	0,000	3,160	0,000	67,020	4,130	20483,980	-20479,850
313+0,00	0,000	2,960	0,000	61,120	4,130	20545,100	-20540,970
314+0,00	0,000	3,220	0,000	61,800	4,130	20606,900	-20602,770

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
315+0,00	0,000	3,210	0,000	64,350	4,130	20671,250	-20667,120
316+0,00	0,000	3,400	0,000	66,170	4,130	20737,420	-20733,290
317+0,00	0,000	3,030	0,000	64,350	4,130	20801,770	-20797,640
318+0,00	0,000	2,720	0,000	57,500	4,130	20859,270	-20855,140
319+0,00	0,000	3,730	0,000	64,510	4,130	20923,780	-20919,650
320+0,00	0,000	3,120	0,000	68,560	4,130	20992,340	-20988,210
321+0,00	0,000	3,150	0,000	62,720	4,130	21055,060	-21050,930
322+0,00	0,000	3,490	0,000	66,360	4,130	21121,420	-21117,290
323+0,00	0,000	3,880	0,000	73,630	4,130	21195,050	-21190,920
324+0,00	0,000	3,630	0,000	75,100	4,130	21270,150	-21266,020
325+0,00	0,000	3,120	0,000	67,580	4,130	21337,730	-21333,600
326+0,00	0,000	3,430	0,000	65,560	4,130	21403,290	-21399,160
327+0,00	0,000	3,310	0,000	67,430	4,130	21470,720	-21466,590
328+0,00	0,000	3,260	0,000	65,690	4,130	21536,410	-21532,280
329+0,00	0,000	4,000	0,000	72,630	4,130	21609,040	-21604,910
330+0,00	0,000	5,750	0,000	97,500	4,130	21706,540	-21702,410
331+0,00	0,000	4,440	0,000	101,810	4,130	21808,350	-21804,220
332+0,00	0,000	4,200	0,000	86,380	4,130	21894,730	-21890,600
333+0,00	0,000	3,490	0,000	76,940	4,130	21971,670	-21967,540
334+0,00	0,000	3,600	0,000	70,980	4,130	22042,650	-22038,520
335+0,00	0,000	3,440	0,000	70,430	4,130	22113,080	-22108,950
336+0,00	0,000	2,800	0,000	62,340	4,130	22175,420	-22171,290
337+0,00	0,000	2,940	0,000	57,380	4,130	22232,800	-22228,670
338+0,00	0,000	3,330	0,000	62,750	4,130	22295,550	-22291,420
339+0,00	0,000	3,270	0,000	65,890	4,130	22361,440	-22357,310
340+0,00	0,000	2,560	0,000	58,230	4,130	22419,670	-22415,540
341+0,00	0,000	2,070	0,000	46,250	4,130	22465,920	-22461,790
342+0,00	0,010	1,530	0,130	35,990	4,260	22501,910	-22497,650
343+0,00	0,010	1,650	0,200	31,750	4,460	22533,660	-22529,200
344+0,00	0,000	2,190	0,070	38,300	4,530	22571,960	-22567,430
345+0,00	0,000	2,520	0,000	47,100	4,530	22619,060	-22614,530
346+0,00	0,000	3,080	0,000	56,020	4,530	22675,080	-22670,550
347+0,00	0,000	2,990	0,000	60,710	4,530	22735,790	-22731,260
348+0,00	0,000	3,340	0,000	63,280	4,530	22799,070	-22794,540
349+0,00	0,000	4,400	0,000	77,400	4,530	22876,470	-22871,940
350+0,00	0,000	4,230	0,000	86,290	4,530	22962,760	-22958,230
351+0,00	0,000	3,390	0,000	76,190	4,530	23038,950	-23034,420
352+0,00	0,000	3,960	0,000	73,450	4,530	23112,400	-23107,870
353+0,00	0,000	4,030	0,000	79,840	4,530	23192,240	-23187,710
354+0,00	0,000	3,810	0,000	78,400	4,530	23270,640	-23266,110
355+0,00	0,000	3,380	0,000	71,900	4,530	23342,540	-23338,010
356+0,00	0,000	3,290	0,000	66,720	4,530	23409,260	-23404,730
357+0,00	0,000	3,090	0,000	63,830	4,530	23473,090	-23468,560
358+0,00	0,000	3,560	0,000	66,510	4,530	23539,600	-23535,070
359+0,00	0,000	3,770	0,000	73,290	4,530	23612,890	-23608,360
360+0,00	0,000	4,430	0,000	81,900	4,530	23694,790	-23690,260
361+0,00	0,000	4,650	0,000	90,810	4,530	23785,600	-23781,070
362+0,00	0,000	4,120	0,000	87,670	4,530	23873,270	-23868,740
363+0,00	0,000	3,200	0,000	73,220	4,530	23946,490	-23941,960
364+0,00	0,170	1,870	1,660	50,760	6,190	23997,250	-23991,060
365+0,00	0,000	3,230	1,660	51,020	7,850	24048,270	-24040,420
366+0,00	0,000	2,550	0,000	57,840	7,850	24106,110	-24098,260
367+0,00	0,000	0,000	0,000	25,530	7,850	24131,640	-24123,790
368+0,00	0,000	2,810	0,000	28,130	7,850	24159,770	-24151,920
369+0,00	0,000	3,090	0,000	59,020	7,850	24218,790	-24210,940
370+0,00	0,040	1,720	0,450	48,120	8,300	24266,910	-24258,610
371+0,00	0,030	1,930	0,790	36,490	9,090	24303,400	-24294,310
372+0,00	0,000	2,900	0,340	48,270	9,430	24351,670	-24342,240
373+0,00	0,000	2,810	0,000	57,130	9,430	24408,800	-24399,370
374+0,00	0,000	3,000	0,000	58,080	9,430	24466,880	-24457,450
375+0,00	0,000	3,330	0,000	63,250	9,430	24530,130	-24520,700
376+0,00	0,000	3,150	0,000	64,950	9,430	24595,080	-24585,650
377+0,00	0,000	3,260	0,000	64,060	9,430	24659,140	-24649,710
378+0,00	0,000	2,860	0,000	61,220	9,430	24720,360	-24710,930
379+0,00	0,000	3,350	0,000	62,160	9,430	24782,520	-24773,090

Orvalho Terceiro da S
Diretor
Projetos
Secretaria

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
380+0,00	0,000	3,580	0,000	69,340	9,430	24851,860	-24842,430
381+0,00	0,000	3,940	0,000	75,260	9,430	24927,120	-24917,690
382+0,00	0,000	3,580	0,000	75,730	9,430	25002,850	-24993,420
383+0,00	0,000	3,320	0,000	69,060	9,430	25071,910	-25062,480
384+0,00	0,000	2,510	0,000	58,350	9,430	25130,260	-25120,830
385+0,00	0,000	2,520	0,000	50,320	9,430	25180,580	-25171,150
386+0,00	0,000	2,670	0,000	51,910	9,430	25232,490	-25223,060
387+0,00	0,000	3,390	0,000	60,770	9,430	25293,260	-25283,830
388+0,00	0,000	3,700	0,000	70,950	9,430	25364,210	-25354,780
389+0,00	0,000	4,020	0,000	77,260	9,430	25441,470	-25432,040
390+0,00	0,000	4,060	0,000	80,780	9,430	25522,250	-25512,820
391+0,00	0,000	3,740	0,000	78,080	9,430	25600,330	-25590,900
392+0,00	0,000	3,090	0,000	68,360	9,430	25668,690	-25659,260
393+0,00	0,000	3,210	0,000	63,040	9,430	25731,730	-25722,300
394+0,00	0,000	3,900	0,000	71,110	9,430	25802,840	-25793,410
395+0,00	0,000	3,950	0,000	78,480	9,430	25881,320	-25871,890
396+0,00	0,000	3,700	0,000	76,480	9,430	25957,800	-25948,370
397+0,00	0,000	3,450	0,000	71,520	9,430	26029,320	-26019,890
398+0,00	0,000	0,000	0,000	34,530	9,430	26063,850	-26054,420
399+0,00	0,000	3,330	0,000	33,310	9,430	26097,160	-26087,730
400+0,00	0,000	3,280	0,000	66,130	9,430	26163,290	-26153,860
401+0,00	0,000	3,180	0,000	64,590	9,430	26227,880	-26218,450
402+0,00	0,000	2,460	0,000	56,490	9,430	26284,370	-26274,940
403+0,00	0,000	2,290	0,000	47,510	9,430	26331,880	-26322,450
404+0,00	0,000	2,270	0,000	45,610	9,430	26377,490	-26368,060
405+0,00	0,000	2,780	0,000	50,500	9,430	26427,990	-26418,560
406+0,00	0,000	2,890	0,000	56,660	9,430	26484,650	-26475,220
407+0,00	0,000	3,220	0,000	61,120	9,430	26545,770	-26536,340
408+0,00	0,000	3,670	0,000	68,910	9,430	26614,680	-26605,250
409+0,00	0,000	3,400	0,000	70,640	9,430	26685,320	-26675,890
410+0,00	0,000	3,300	0,000	66,920	9,430	26752,240	-26742,810
411+0,00	0,000	3,570	0,000	68,620	9,430	26820,860	-26811,430
412+0,00	0,000	3,600	0,000	71,610	9,430	26892,470	-26883,040
413+0,00	0,000	3,690	0,000	72,610	9,430	26965,080	-26955,650
414+0,00	0,000	3,210	0,000	68,980	9,430	27034,060	-27024,630
415+0,00	0,000	3,900	0,000	71,040	9,430	27105,100	-27095,670
416+0,00	0,000	3,500	0,000	74,000	9,430	27179,100	-27169,670
417+0,00	0,000	3,450	0,000	69,490	9,430	27248,590	-27239,160
418+0,00	0,000	3,350	0,000	67,930	9,430	27316,520	-27307,090
419+0,00	0,000	3,230	0,000	65,730	9,430	27382,250	-27372,820
420+0,00	0,000	3,950	0,000	71,760	9,430	27454,010	-27444,580
421+0,00	0,000	3,540	0,000	74,900	9,430	27528,910	-27519,480
422+0,00	0,000	3,400	0,000	69,380	9,430	27598,290	-27588,860
423+0,00	0,000	4,650	0,000	80,500	9,430	27678,790	-27669,360
424+0,00	0,000	5,590	0,000	102,420	9,430	27781,210	-27771,780
425+0,00	0,000	5,980	0,000	115,690	9,430	27896,900	-27887,470
426+0,00	0,000	3,980	0,000	99,560	9,430	27996,460	-27987,030
427+0,00	0,000	3,350	0,000	73,250	9,430	28069,710	-28060,280
428+0,00	0,000	3,120	0,000	64,690	9,430	28134,400	-28124,970
429+0,00	0,000	3,110	0,000	62,290	9,430	28196,690	-28187,260
430+0,00	0,000	4,030	0,000	71,410	9,430	28268,100	-28258,670
431+0,00	0,000	3,540	0,000	75,770	9,430	28343,870	-28334,440
432+0,00	0,000	3,180	0,000	67,230	9,430	28411,100	-28401,670
433+0,00	0,000	3,190	0,000	63,680	9,430	28474,780	-28465,350
434+0,00	0,000	2,930	0,000	61,210	9,430	28535,990	-28526,560
435+0,00	0,000	3,170	0,000	60,980	9,430	28596,970	-28587,540
436+0,00	0,000	3,180	0,000	63,510	9,430	28660,480	-28651,050
437+0,00	0,000	3,240	0,000	64,270	9,430	28724,750	-28715,320
438+0,00	0,000	2,630	0,000	58,730	9,430	28783,480	-28774,050
439+0,00	0,000	1,050	0,000	36,780	9,430	28820,260	-28810,830
440+0,00	0,000	3,400	0,000	44,470	9,430	28864,730	-28855,300
441+0,00	0,000	5,200	0,000	86,040	9,430	28950,770	-28941,340
442+0,00	0,000	6,150	0,000	113,570	9,430	29064,340	-29054,910
443+0,00	0,000	3,530	0,000	96,830	9,430	29161,170	-29151,740
444+0,00	0,000	3,260	0,000	67,860	9,430	29229,030	-29219,600

Osvaldo Ledesma da
Diretor da Unidade de
Projetos e Obras
Secretaria de

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
445+0,00	0,000	3,450	0,000	67,050	9,430	29296,080	-29286,650
446+0,00	0,000	3,790	0,000	72,360	9,430	29368,440	-29359,010
447+0,00	0,000	3,800	0,000	75,870	9,430	29444,310	-29434,880
448+0,00	0,000	3,890	0,000	76,870	9,430	29521,180	-29511,750
449+0,00	0,000	3,540	0,000	74,270	9,430	29595,450	-29586,020
450+0,00	0,000	3,430	0,000	69,700	9,430	29665,150	-29655,720
451+0,00	0,000	3,550	0,000	69,800	9,430	29734,950	-29725,520
452+0,00	0,000	2,520	0,000	60,750	9,430	29795,700	-29786,270
453+0,00	0,000	2,050	0,000	45,850	9,430	29841,550	-29832,120
454+0,00	0,000	1,910	0,010	39,790	9,440	29881,340	-29871,900
455+0,00	0,110	1,810	1,100	37,250	10,540	29918,590	-29908,050
456+0,00	0,200	1,860	3,130	36,680	13,670	29955,270	-29941,600
457+0,00	0,260	2,360	4,570	42,610	18,240	29997,880	-29979,640
458+0,00	0,120	1,900	3,780	42,640	22,020	30040,520	-30018,500
459+0,00	0,000	2,990	1,170	48,790	23,190	30089,310	-30066,120
460+0,00	0,000	2,930	0,000	59,130	23,190	30148,440	-30125,250
461+0,00	0,000	3,410	0,000	63,330	23,190	30211,770	-30188,580
462+0,00	0,000	3,360	0,000	67,680	23,190	30279,450	-30256,260
463+0,00	0,000	3,200	0,000	65,610	23,190	30345,060	-30321,870
464+0,00	0,000	0,000	0,000	0,000	23,190	30345,060	-30321,870
465+0,00	0,000	0,000	0,000	0,000	23,190	30345,060	-30321,870
466+0,00	0,000	0,000	0,000	0,000	23,190	30345,060	-30321,870
467+0,00	0,000	0,000	0,000	0,000	23,190	30345,060	-30321,870
468+0,00	0,000	0,000	0,000	0,000	23,190	30345,060	-30321,870
469+0,00	0,000	0,000	0,000	0,000	23,190	30345,060	-30321,870
470+0,00	0,000	0,000	0,000	0,000	23,190	30345,060	-30321,870
471+0,00	0,000	0,000	0,000	0,000	23,190	30345,060	-30321,870
472+0,00	0,000	0,000	0,000	0,000	23,190	30345,060	-30321,870
473+0,00	0,000	0,000	0,000	0,000	23,190	30345,060	-30321,870
474+0,00	0,000	2,990	0,000	62,480	23,190	30407,540	-30384,350
475+0,00	0,000	3,350	0,000	63,830	23,190	30471,370	-30448,180
476+0,00	0,000	3,130	0,000	65,380	23,190	30536,750	-30513,560
477+0,00	0,000	3,890	0,000	70,610	23,190	30607,360	-30584,170
478+0,00	0,000	0,000	0,000	38,950	23,190	30646,310	-30623,120
479+0,00	0,000	3,800	0,000	37,980	23,190	30684,290	-30661,100
480+0,00	0,000	3,460	0,000	72,580	23,190	30756,870	-30733,680
481+0,00	0,000	3,480	0,000	69,320	23,190	30826,190	-30803,000
482+0,00	0,000	3,260	0,000	67,380	23,190	30893,570	-30870,380
483+0,00	0,000	3,300	0,000	65,590	23,190	30959,160	-30935,970
484+0,00	0,000	3,100	0,000	64,030	23,190	31023,190	-31000,000
485+0,00	0,000	3,240	0,000	63,470	23,190	31086,660	-31063,470
486+0,00	0,000	3,380	0,000	66,350	23,190	31153,010	-31129,820
487+0,00	0,000	3,360	0,000	67,600	23,190	31220,610	-31197,420
488+0,00	0,000	4,210	0,000	75,220	23,190	31295,830	-31272,640
489+0,00	0,000	3,450	0,000	76,530	23,190	31372,360	-31349,170
490+0,00	0,000	0,000	0,000	34,500	23,190	31406,860	-31383,670
491+0,00	0,000	3,860	0,000	38,630	23,190	31445,490	-31422,300
492+0,00	0,000	4,490	0,000	83,500	23,190	31528,990	-31505,800
493+0,00	0,000	6,000	0,000	104,860	23,190	31633,850	-31610,660
494+0,00	0,000	5,110	0,000	111,150	23,190	31745,000	-31721,810
495+0,00	0,000	4,390	0,000	95,180	23,190	31840,180	-31816,990
496+0,00	0,000	3,740	0,000	81,390	23,190	31921,570	-31898,380
497+0,00	0,000	3,830	0,000	75,670	23,190	31997,240	-31974,050
498+0,00	0,000	4,140	0,000	79,580	23,190	32076,820	-32053,630
499+0,00	0,000	3,220	0,000	73,510	23,190	32150,330	-32127,140
500+0,00	0,000	3,440	0,000	66,670	23,190	32217,000	-32193,810
501+0,00	0,000	3,090	0,000	65,310	23,190	32282,310	-32259,120
502+0,00	0,000	2,950	0,000	60,460	23,190	32342,770	-32319,580
503+0,00	0,000	3,400	0,000	63,620	23,190	32406,390	-32383,200
504+0,00	0,000	5,860	0,000	92,600	23,190	32498,990	-32475,800
505+0,00	0,000	6,550	0,000	124,070	23,190	32623,060	-32599,870
506+0,00	0,000	7,120	0,000	136,720	23,190	32759,780	-32736,590
507+0,00	0,000	4,500	0,000	116,170	23,190	32875,950	-32852,760
508+0,00	0,000	3,200	0,000	76,940	23,190	32952,890	-32929,700
509+0,00	0,000	2,530	0,000	57,220	23,190	33010,110	-32986,920

Osvaldo Leôncio da S[illegible]lho
Diretor Técnico de P[illegible]
Projetos e Obras - D[illegible]
Secretaria de Infraestrutura

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
510+0,00	0,000	3,190	0,000	57,260	23,190	33067,390	-33044,200
511+0,00	0,000	3,320	0,000	65,090	23,190	33132,480	-33109,290
512+0,00	0,000	3,160	0,000	64,790	23,190	33197,270	-33174,080
513+0,00	0,000	3,490	0,000	66,450	23,190	33263,720	-33240,530
514+0,00	0,000	3,640	0,000	71,310	23,190	33335,030	-33311,840
515+0,00	0,000	4,240	0,000	78,860	23,190	33413,890	-33390,700
516+0,00	0,000	4,930	0,000	91,700	23,190	33505,590	-33482,400
517+0,00	0,000	3,640	0,000	85,670	23,190	33591,260	-33568,070
518+0,00	0,000	3,600	0,000	72,420	23,190	33663,680	-33640,490
519+0,00	0,000	3,590	0,000	71,930	23,190	33735,610	-33712,420
520+0,00	0,000	3,320	0,000	69,130	23,190	33804,740	-33781,550
521+0,00	0,000	3,930	0,000	72,540	23,190	33877,280	-33854,090
522+0,00	0,000	4,020	0,000	79,540	23,190	33956,820	-33933,630
523+0,00	0,000	3,640	0,000	76,630	23,190	34033,450	-34010,260
524+0,00	0,000	3,750	0,000	73,960	23,190	34107,410	-34084,220
525+0,00	0,000	3,720	0,000	74,770	23,190	34182,180	-34158,990
526+0,00	0,000	3,720	0,000	74,440	23,190	34256,620	-34233,430
527+0,00	0,000	3,810	0,000	75,340	23,190	34331,960	-34308,770
528+0,00	0,000	3,590	0,000	74,230	23,190	34406,190	-34383,000
529+0,00	0,000	3,620	0,000	72,280	23,190	34478,470	-34455,280
530+0,00	0,000	3,670	0,000	73,000	23,190	34551,470	-34528,280
531+0,00	0,000	3,630	0,000	72,980	23,190	34624,450	-34601,260
532+0,00	0,000	3,510	0,000	71,400	23,190	34695,850	-34672,660
533+0,00	0,000	2,780	0,000	62,950	23,190	34758,800	-34735,610
534+0,00	0,000	3,400	0,000	61,800	23,190	34820,600	-34797,410
535+0,00	0,000	3,690	0,000	70,890	23,190	34891,490	-34868,300
536+0,00	0,000	3,500	0,000	71,870	23,190	34963,360	-34940,170
537+0,00	0,000	4,280	0,000	77,800	23,190	35041,160	-35017,970
538+0,00	0,000	5,080	0,000	93,570	23,190	35134,730	-35111,540
539+0,00	0,000	5,890	0,000	109,650	23,190	35244,380	-35221,190
540+0,00	0,000	6,650	0,000	125,440	23,190	35369,820	-35346,630
541+0,00	0,000	5,310	0,000	119,680	23,190	35489,500	-35466,310
542+0,00	0,000	3,400	0,000	87,140	23,190	35576,640	-35553,450
543+0,00	0,000	3,360	0,000	67,610	23,190	35644,250	-35621,060
544+0,00	0,000	3,210	0,000	65,710	23,190	35709,960	-35686,770
545+0,00	0,000	2,770	0,000	59,790	23,190	35769,750	-35746,560
546+0,00	0,000	3,090	0,000	58,540	23,190	35828,290	-35805,100
547+0,00	0,000	4,270	0,000	73,500	23,190	35901,790	-35878,600
548+0,00	0,000	4,870	0,000	91,330	23,190	35993,120	-35969,930
549+0,00	0,000	3,800	0,000	86,640	23,190	36079,760	-36056,570
550+0,00	0,000	3,310	0,000	71,030	23,190	36150,790	-36127,600
551+0,00	0,000	3,220	0,000	65,230	23,190	36216,020	-36192,830
552+0,00	0,000	4,160	0,000	73,770	23,190	36289,790	-36266,600
553+0,00	0,000	3,350	0,000	75,120	23,190	36364,910	-36341,720
554+0,00	0,000	3,960	0,000	73,170	23,190	36438,080	-36414,890
555+0,00	0,000	4,300	0,000	82,430	23,190	36520,510	-36497,320
556+0,00	0,000	4,180	0,000	84,820	23,190	36605,330	-36582,140
557+0,00	0,000	3,430	0,000	76,180	23,190	36681,510	-36658,320
558+0,00	0,000	3,730	0,000	71,600	23,190	36753,110	-36729,920
559+0,00	0,000	3,800	0,000	75,320	23,190	36828,430	-36805,240
560+0,00	0,000	3,220	0,000	70,420	23,190	36898,850	-36875,660
561+0,00	0,000	3,030	0,000	62,330	23,190	36961,180	-36937,990
562+0,00	0,000	2,880	0,000	58,820	23,190	37020,000	-36996,810
563+0,00	0,000	4,550	0,000	74,230	23,190	37094,230	-37071,040
564+0,00	0,000	3,380	0,000	79,180	23,190	37173,410	-37150,220
565+0,00	0,000	3,330	0,000	67,160	23,190	37240,570	-37217,380
566+0,00	0,000	3,940	0,000	72,860	23,190	37313,430	-37290,240
567+0,00	0,000	3,690	0,000	76,510	23,190	37389,940	-37366,750
568+0,00	0,000	3,610	0,000	73,910	23,190	37463,850	-37440,660
569+0,00	0,000	3,900	0,000	75,100	23,190	37538,950	-37515,760
570+0,00	0,000	3,650	0,000	75,480	23,190	37614,430	-37591,240
571+0,00	0,000	3,560	0,000	72,090	23,190	37686,520	-37663,330
572+0,00	0,000	3,550	0,000	71,150	23,190	37757,670	-37734,480
573+0,00	0,000	2,880	0,000	64,310	23,190	37821,980	-37798,790
574+0,00	0,000	3,140	0,000	60,160	23,190	37882,140	-37858,950

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
575+0,00	0,000	3,490	0,000	66,280	23,190	37948,420	-37925,230
576+0,00	0,000	3,540	0,000	70,310	23,190	38018,730	-37995,540
577+0,00	0,000	3,810	0,000	73,460	23,190	38092,190	-38069,000
578+0,00	0,000	3,630	0,000	74,360	23,190	38166,550	-38143,360
579+0,00	0,000	4,840	0,000	84,740	23,190	38251,290	-38228,100
580+0,00	0,000	6,590	0,000	114,280	23,190	38365,570	-38342,380
581+0,00	0,000	3,620	0,000	102,060	23,190	38467,630	-38444,440
582+0,00	0,000	5,460	0,000	90,780	23,190	38558,410	-38535,220
583+0,00	0,000	3,420	0,000	88,820	23,190	38647,230	-38624,040
584+0,00	0,000	3,480	0,000	69,010	23,190	38716,240	-38693,050
585+0,00	0,000	5,530	0,000	90,190	23,190	38806,430	-38783,240
586+0,00	0,000	4,260	0,000	97,920	23,190	38904,350	-38881,160
587+0,00	0,000	5,160	0,000	94,280	23,190	38998,630	-38975,440
588+0,00	0,000	3,630	0,000	87,810	23,190	39086,440	-39063,250
589+0,00	0,000	3,650	0,000	72,750	23,190	39159,190	-39136,000
590+0,00	0,000	4,470	0,000	81,260	23,190	39240,450	-39217,260
591+0,00	0,000	2,150	0,000	66,210	23,190	39306,660	-39283,470
592+0,00	0,000	3,760	0,000	58,780	23,190	39365,440	-39342,250
593+0,00	0,000	2,060	0,000	58,160	23,190	39423,600	-39400,410
594+0,00	0,000	2,210	0,000	42,720	23,190	39466,320	-39443,130
595+0,00	0,000	2,080	0,000	43,030	23,190	39509,350	-39486,160
596+0,00	0,000	0,000	0,000	20,840	23,190	39530,190	-39507,000
597+0,00	0,180	0,580	1,870	5,760	25,060	39535,950	-39510,890
598+0,00	0,560	0,010	7,680	5,820	32,740	39541,770	-39509,030
599+0,00	0,000	1,790	5,630	18,000	38,370	39559,770	-39521,400
600+0,00	0,000	3,020	0,000	48,000	38,370	39607,770	-39569,400
601+0,00	0,000	2,400	0,000	54,290	38,370	39662,060	-39623,690
602+0,00	0,000	2,560	0,000	49,760	38,370	39711,820	-39673,450
603+0,00	0,000	2,880	0,000	54,420	38,370	39766,240	-39727,870
604+0,00	0,000	4,260	0,000	71,410	38,370	39837,650	-39799,280
605+0,00	0,000	3,360	0,000	76,180	38,370	39913,830	-39875,460
606+0,00	0,000	2,010	0,000	53,680	38,370	39967,510	-39929,140
607+0,00	0,000	3,480	0,000	54,880	38,370	40022,390	-39984,020
608+0,00	0,000	3,240	0,000	67,120	38,370	40089,510	-40051,140
609+0,00	0,000	3,010	0,000	62,720	38,370	40152,230	-40113,860
610+0,00	0,010	2,120	0,090	51,380	38,460	40203,610	-40165,150
611+0,00	0,140	0,000	1,510	21,230	39,970	40224,840	-40184,870
612+0,00	0,000	2,760	1,430	27,580	41,400	40252,420	-40211,020
613+0,00	0,140	2,270	1,410	50,260	42,810	40302,680	-40259,870
614+0,00	0,020	3,270	1,560	55,380	44,370	40358,060	-40313,690
615+0,00	0,230	0,000	2,450	32,700	46,820	40390,760	-40343,940
616+0,00	0,020	4,330	2,530	43,250	49,350	40434,010	-40384,660
617+0,00	0,030	3,270	0,550	75,920	49,900	40509,930	-40460,030
618+0,00	0,020	2,970	0,470	62,390	50,370	40572,320	-40521,950
619+0,00	0,040	3,020	0,600	60,090	50,970	40632,410	-40581,440
620+0,00	0,010	3,700	0,500	67,270	51,470	40699,680	-40648,210
621+0,00	0,000	3,940	0,050	76,460	51,520	40776,140	-40724,620
622+0,00	0,000	3,950	0,000	78,940	51,520	40855,080	-40803,560
623+0,00	0,000	2,780	0,000	67,270	51,520	40922,350	-40870,830
624+0,00	0,000	3,540	0,000	63,140	51,520	40985,490	-40933,970
625+0,00	0,000	5,110	0,000	86,480	51,520	41071,970	-41020,450
626+0,00	0,000	4,100	0,000	92,140	51,520	41164,110	-41112,590
627+0,00	0,000	5,370	0,000	94,740	51,520	41258,850	-41207,330
628+0,00	0,000	3,760	0,000	91,330	51,520	41350,180	-41298,660
629+0,00	0,000	2,940	0,000	67,010	51,520	41417,190	-41365,670
630+0,00	0,000	2,730	0,000	56,640	51,520	41473,830	-41422,310
631+0,00	0,000	3,710	0,000	64,380	51,520	41538,210	-41486,690
632+0,00	0,000	5,970	0,000	96,820	51,520	41635,030	-41583,510
633+0,00	0,000	3,870	0,000	98,440	51,520	41733,470	-41681,950
634+0,00	0,000	3,420	0,000	72,880	51,520	41806,350	-41754,830
635+0,00	0,000	3,410	0,000	68,290	51,520	41874,640	-41823,120
636+0,00	0,000	0,000	0,000	34,130	51,520	41908,770	-41857,250
637+0,00	0,000	8,860	0,000	88,560	51,520	41997,330	-41945,810
638+0,00	0,000	6,130	0,000	149,890	51,520	42147,220	-42095,700
639+0,00	0,000	4,620	0,000	107,540	51,520	42254,760	-42203,240

Osvaldo Leônicio da S...
Diretor da Diretoria de P...
Projetos e Obras - D...
Secretaria ...

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
640+0,00	0,000	4,250	0,000	88,720	51,520	42343,480	-42291,960
641+0,00	0,000	3,900	0,000	81,490	51,520	42424,970	-42373,450
642+0,00	0,000	3,250	0,000	71,500	51,520	42496,470	-42444,950
643+0,00	0,000	4,000	0,000	72,550	51,520	42569,020	-42517,500
644+0,00	0,000	4,290	0,000	82,930	51,520	42651,950	-42600,430
645+0,00	0,000	3,650	0,000	79,470	51,520	42731,420	-42679,900
646+0,00	0,000	2,760	0,000	64,150	51,520	42795,570	-42744,050
647+0,00	0,000	1,580	0,000	43,410	51,520	42838,980	-42787,460
648+0,00	0,000	1,870	0,000	34,550	51,520	42873,530	-42822,010
649+0,00	0,000	3,140	0,000	50,180	51,520	42923,710	-42872,190
650+0,00	0,000	3,260	0,000	64,020	51,520	42987,730	-42936,210
651+0,00	0,000	2,790	0,000	60,510	51,520	43048,240	-42996,720
652+0,00	0,000	3,120	0,000	59,160	51,520	43107,400	-43055,880
653+0,00	0,000	3,760	0,000	68,860	51,520	43176,260	-43124,740
654+0,00	0,000	2,940	0,000	66,990	51,520	43243,250	-43191,730
655+0,00	0,000	3,330	0,000	62,610	51,520	43305,860	-43254,340
656+0,00	0,000	4,230	0,000	75,560	51,520	43381,420	-43329,900
657+0,00	0,000	5,200	0,000	94,350	51,520	43475,770	-43424,250
658+0,00	0,000	4,700	0,000	99,000	51,520	43574,770	-43523,250
659+0,00	0,000	3,420	0,000	81,180	51,520	43655,950	-43604,430
660+0,00	0,000	3,180	0,000	66,030	51,520	43721,980	-43670,460
661+0,00	0,000	3,260	0,000	64,400	51,520	43786,380	-43734,860
662+0,00	0,000	3,500	0,000	67,690	51,520	43854,070	-43802,550
663+0,00	0,000	3,560	0,000	70,560	51,520	43924,630	-43873,110
664+0,00	0,000	3,730	0,000	72,880	51,520	43997,510	-43945,990
665+0,00	0,000	3,370	0,000	71,070	51,520	44068,580	-44017,060
666+0,00	0,000	3,280	0,000	66,470	51,520	44135,050	-44083,530
667+0,00	0,000	3,260	0,000	65,390	51,520	44200,440	-44148,920
668+0,00	0,000	3,140	0,000	64,050	51,520	44264,490	-44212,970
669+0,00	0,000	2,990	0,000	61,310	51,520	44325,800	-44274,280
670+0,00	0,000	3,240	0,000	62,260	51,520	44388,060	-44336,540
671+0,00	0,000	3,200	0,000	64,330	51,520	44452,390	-44400,870
672+0,00	0,000	3,230	0,000	64,260	51,520	44516,650	-44465,130
673+0,00	0,000	3,320	0,000	65,450	51,520	44582,100	-44530,580
674+0,00	0,000	3,530	0,000	68,420	51,520	44650,520	-44599,000
675+0,00	0,000	3,730	0,000	72,530	51,520	44723,050	-44671,530
676+0,00	0,000	3,620	0,000	73,450	51,520	44796,500	-44744,980
677+0,00	0,000	3,610	0,000	72,280	51,520	44868,780	-44817,260
678+0,00	0,000	3,440	0,000	70,470	51,520	44939,250	-44887,730
679+0,00	0,000	3,420	0,000	68,550	51,520	45007,800	-44956,280
680+0,00	0,000	3,240	0,000	66,550	51,520	45074,350	-45022,830
681+0,00	0,000	3,120	0,000	63,530	51,520	45137,880	-45086,360
682+0,00	0,000	2,940	0,000	60,550	51,520	45198,430	-45146,910
683+0,00	0,000	3,160	0,000	60,960	51,520	45259,390	-45207,870
684+0,00	0,000	2,570	0,000	57,380	51,520	45316,770	-45265,250
685+0,00	0,000	2,990	0,000	55,620	51,520	45372,390	-45320,870
686+0,00	0,070	1,560	0,650	45,490	52,170	45417,880	-45365,710
687+0,00	0,050	1,780	1,110	33,360	53,280	45451,240	-45397,960
688+0,00	0,000	2,860	0,460	46,370	53,740	45497,610	-45443,870
689+0,00	0,000	2,950	0,000	58,090	53,740	45555,700	-45501,960
690+0,00	0,000	3,900	0,000	68,180	53,740	45623,880	-45570,140
691+0,00	0,000	0,000	0,000	38,970	53,740	45662,850	-45609,110
692+0,00	0,000	3,690	0,000	36,930	53,740	45699,780	-45646,040
693+0,00	0,000	3,180	0,000	68,740	53,740	45768,520	-45714,780
694+0,00	0,000	2,430	0,000	56,120	53,740	45824,640	-45770,900
695+0,00	0,000	2,900	0,000	52,840	53,740	45877,480	-45823,740
696+0,00	0,520	0,160	5,200	30,670	58,940	45908,150	-45849,210
697+0,00	0,150	0,500	6,670	6,670	65,610	45914,820	-45849,210
698+0,00	0,000	1,580	1,510	20,680	67,120	45935,500	-45868,380
699+0,00	0,000	2,770	0,000	43,500	67,120	45979,000	-45911,880
700+0,00	0,000	2,670	0,000	54,240	67,120	46033,240	-45966,120
701+0,00	0,000	3,240	0,000	59,030	67,120	46092,270	-46025,150
702+0,00	0,000	2,040	0,000	52,750	67,120	46145,020	-46077,900
703+0,00	0,200	0,560	1,950	25,960	69,070	46170,980	-46101,910
704+0,00	0,100	1,150	2,950	17,030	72,020	46188,010	-46115,990

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
705+0,00	0,000	3,170	0,990	43,220	73,010	46231,230	-46158,220
706+0,00	0,000	4,180	0,000	73,520	73,010	46304,750	-46231,740
707+0,00	0,000	7,350	0,000	115,370	73,010	46420,120	-46347,110
708+0,00	0,000	4,050	0,000	114,050	73,010	46534,170	-46461,160
709+0,00	0,000	4,690	0,000	87,470	73,010	46621,640	-46548,630
710+0,00	0,000	5,580	0,000	102,760	73,010	46724,400	-46651,390
711+0,00	0,000	4,460	0,000	100,400	73,010	46824,800	-46751,790
712+0,00	0,000	4,070	0,000	85,280	73,010	46910,080	-46837,070
713+0,00	0,000	3,230	0,000	73,000	73,010	46983,080	-46910,070
714+0,00	0,000	4,230	0,000	74,600	73,010	47057,680	-46984,670
715+0,00	0,000	3,260	0,000	74,650	73,010	47132,330	-47059,320
716+0,00	0,000	3,080	0,000	63,400	73,010	47195,730	-47122,720
717+0,00	0,000	3,340	0,000	64,160	73,010	47259,890	-47186,880
718+0,00	0,000	3,870	0,000	72,100	73,010	47331,990	-47258,980
719+0,00	0,000	3,430	0,000	72,710	73,010	47404,700	-47331,690
720+0,00	0,000	3,320	0,000	67,480	73,010	47472,180	-47399,170
721+0,00	0,000	3,490	0,000	68,080	73,010	47540,260	-47467,250
722+0,00	0,000	3,570	0,000	70,560	73,010	47610,820	-47537,810
723+0,00	0,000	3,600	0,000	71,670	73,010	47682,490	-47609,480
724+0,00	0,000	3,170	0,000	67,790	73,010	47750,280	-47677,270
725+0,00	0,000	3,320	0,000	64,840	73,010	47815,120	-47742,110
726+0,00	0,000	3,540	0,000	68,610	73,010	47883,730	-47810,720
727+0,00	0,010	2,280	0,060	58,290	73,070	47942,020	-47868,950
728+0,00	0,130	1,550	1,330	38,390	74,400	47980,410	-47906,010
729+0,00	0,100	1,590	2,320	31,400	76,720	48011,810	-47935,090
730+0,00	0,000	2,500	1,050	40,900	77,770	48052,710	-47974,940
731+0,00	0,000	3,880	0,000	63,830	77,770	48116,540	-48038,770
732+0,00	0,000	5,240	0,000	91,340	77,770	48207,880	-48130,110
733+0,00	0,000	5,460	0,000	106,930	77,770	48314,810	-48237,040
734+0,00	0,000	5,820	0,000	112,810	77,770	48427,620	-48349,850
735+0,00	0,000	3,900	0,000	97,540	77,770	48525,160	-48447,390
736+0,00	0,000	3,800	0,000	77,010	77,770	48602,170	-48524,400
737+0,00	0,000	4,310	0,000	81,090	77,770	48683,260	-48605,490
738+0,00	0,000	4,100	0,000	84,140	77,770	48767,400	-48689,630
739+0,00	0,000	3,650	0,000	77,570	77,770	48844,970	-48767,200
740+0,00	0,000	1,580	0,000	52,340	77,770	48897,310	-48819,540
741+0,00	2,130	0,000	21,320	15,830	99,090	48913,140	-48814,050
742+0,00	1,820	0,000	39,480	0,000	138,570	48913,140	-48774,570
743+0,00	0,000	0,790	18,160	7,890	156,730	48921,030	-48764,300
744+0,00	0,000	2,750	0,000	35,360	156,730	48956,390	-48799,660
745+0,00	0,000	3,350	0,000	61,000	156,730	49017,390	-48860,660
746+0,00	0,000	2,520	0,000	58,710	156,730	49076,100	-48919,370
747+0,00	0,000	4,030	0,000	65,430	156,730	49141,530	-48984,800
748+0,00	0,000	3,940	0,000	79,700	156,730	49221,230	-49064,500
749+0,00	0,000	3,220	0,000	71,650	156,730	49292,880	-49136,150
750+0,00	0,000	4,420	0,000	76,440	156,730	49369,320	-49212,590
751+0,00	0,000	3,550	0,000	79,710	156,730	49449,030	-49292,300
752+0,00	0,000	2,780	0,000	63,260	156,730	49512,290	-49355,560
753+0,00	0,000	3,340	0,000	61,170	156,730	49573,460	-49416,730
754+0,00	0,000	3,070	0,000	64,130	156,730	49637,590	-49480,860
755+0,00	0,000	3,500	0,000	65,740	156,730	49703,330	-49546,600
756+0,00	0,000	3,530	0,000	70,250	156,730	49773,580	-49616,850
757+0,00	0,000	2,930	0,000	64,510	156,730	49838,090	-49681,360
758+0,00	0,000	3,280	0,000	62,020	156,730	49900,110	-49743,380
759+0,00	0,000	5,220	0,000	84,960	156,730	49985,070	-49828,340
760+0,00	0,000	5,780	0,000	109,980	156,730	50095,050	-49938,320
761+0,00	0,000	6,550	0,000	123,310	156,730	50218,360	-50061,630
762+0,00	0,000	5,560	0,000	121,100	156,730	50339,460	-50182,730
763+0,00	0,000	4,660	0,000	102,170	156,730	50441,630	-50284,900
764+0,00	0,000	4,690	0,000	93,560	156,730	50535,190	-50378,460
765+0,00	0,000	3,290	0,000	79,860	156,730	50615,050	-50458,320
766+0,00	0,000	2,290	0,000	55,850	156,730	50670,900	-50514,170
767+0,00	0,000	3,090	0,000	53,810	156,730	50724,710	-50567,980
768+0,00	0,000	3,440	0,000	65,230	156,730	50789,940	-50633,210
769+0,00	0,000	3,240	0,000	66,710	156,730	50856,650	-50699,920

Osvaldo Lopes da Silva Filho
Diretor Presidente
Projetos e Obras - DIPRO
Secretaria das Cidades

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
770+0,00	0,000	3,170	0,000	64,000	156,730	50920,650	-50763,920
771+0,00	0,000	3,850	0,000	70,160	156,730	50990,810	-50834,080
772+0,00	0,000	3,380	0,000	72,330	156,730	51063,140	-50906,410
773+0,00	0,000	3,440	0,000	68,290	156,730	51131,430	-50974,700
774+0,00	0,000	3,160	0,000	66,040	156,730	51197,470	-51040,740
775+0,00	0,000	3,080	0,000	62,410	156,730	51259,880	-51103,150
776+0,00	0,000	2,940	0,000	60,190	156,730	51320,070	-51163,340
777+0,00	0,000	2,950	0,000	58,880	156,730	51378,950	-51222,220
778+0,00	0,000	3,450	0,000	63,910	156,730	51442,860	-51286,130
779+0,00	0,000	3,300	0,000	67,480	156,730	51510,340	-51353,610
780+0,00	0,000	3,140	0,000	64,450	156,730	51574,790	-51418,060
781+0,00	0,000	3,320	0,000	64,600	156,730	51639,390	-51482,660
782+0,00	0,000	3,240	0,000	65,530	156,730	51704,920	-51548,190
783+0,00	0,000	3,280	0,000	65,160	156,730	51770,080	-51613,350
784+0,00	0,000	3,380	0,000	66,590	156,730	51836,670	-51679,940
785+0,00	0,000	3,300	0,000	66,780	156,730	51903,450	-51746,720
786+0,00	0,000	2,830	0,000	61,300	156,730	51964,750	-51808,020
787+0,00	0,000	3,310	0,000	61,410	156,730	52026,160	-51869,430
788+0,00	0,000	4,020	0,000	73,280	156,730	52099,440	-51942,710
789+0,00	0,000	3,320	0,000	73,340	156,730	52172,780	-52016,050
790+0,00	0,000	3,140	0,000	64,630	156,730	52237,410	-52080,680
791+0,00	0,000	3,810	0,000	69,510	156,730	52306,920	-52150,190
792+0,00	0,000	3,540	0,000	73,510	156,730	52380,430	-52223,700
793+0,00	0,000	3,480	0,000	70,300	156,730	52450,730	-52294,000
794+0,00	0,000	3,560	0,000	70,400	156,730	52521,130	-52364,400
795+0,00	0,000	3,190	0,000	67,510	156,730	52588,640	-52431,910
796+0,00	0,000	3,130	0,000	63,280	156,730	52651,920	-52495,190
797+0,00	0,000	3,230	0,000	63,640	156,730	52715,560	-52558,830
798+0,00	0,000	3,030	0,000	62,620	156,730	52778,180	-52621,450
799+0,00	0,000	3,100	0,000	61,350	156,730	52839,530	-52682,800
800+0,00	0,000	3,260	0,000	63,640	156,730	52903,170	-52746,440
801+0,00	0,000	3,210	0,000	64,680	156,730	52967,850	-52811,120
802+0,00	0,000	3,700	0,000	69,070	156,730	53036,920	-52880,190
803+0,00	0,000	4,090	0,000	77,840	156,730	53114,760	-52958,030
804+0,00	0,000	3,870	0,000	79,510	156,730	53194,270	-53037,540
805+0,00	0,000	3,910	0,000	77,710	156,730	53271,980	-53115,250
806+0,00	0,000	3,760	0,000	76,640	156,730	53348,620	-53191,890
807+0,00	0,000	3,460	0,000	72,150	156,730	53420,770	-53264,040
808+0,00	0,000	5,100	0,000	85,520	156,730	53506,290	-53349,560
809+0,00	0,000	5,220	0,000	103,140	156,730	53609,430	-53452,700
810+0,00	0,000	4,720	0,000	99,380	156,730	53708,810	-53552,080
811+0,00	0,000	2,910	0,000	76,310	156,730	53785,120	-53628,390
812+0,00	0,000	2,440	0,000	53,450	156,730	53838,570	-53681,840
813+0,00	0,000	3,490	0,000	59,300	156,730	53897,870	-53741,140
814+0,00	0,000	3,460	0,000	69,600	156,730	53967,470	-53810,740
815+0,00	0,000	3,490	0,000	69,520	156,730	54036,990	-53880,260
816+0,00	0,000	3,410	0,000	68,960	156,730	54105,950	-53949,220
817+0,00	0,000	3,460	0,000	68,670	156,730	54174,620	-54017,890
818+0,00	0,000	5,240	0,000	86,940	156,730	54261,560	-54104,830
819+0,00	0,000	6,390	0,000	116,230	156,730	54377,790	-54221,060
820+0,00	0,000	5,900	0,000	122,920	156,730	54500,710	-54343,980
821+0,00	0,000	4,620	0,000	105,230	156,730	54605,940	-54449,210
822+0,00	0,000	3,740	0,000	83,540	156,730	54689,480	-54532,750
823+0,00	0,000	3,020	0,000	67,550	156,730	54757,030	-54600,300
824+0,00	0,000	2,400	0,000	54,160	156,730	54811,190	-54654,460
825+0,00	0,000	1,960	0,000	43,610	156,730	54854,800	-54698,070
826+0,00	0,000	1,390	0,000	33,520	156,730	54888,320	-54731,590
827+0,00	0,000	2,030	0,000	34,220	156,730	54922,540	-54765,810
828+0,00	0,000	2,830	0,000	48,640	156,730	54971,180	-54814,450
829+0,00	0,000	3,370	0,000	61,990	156,730	55033,170	-54876,440
830+0,00	0,000	3,680	0,000	70,520	156,730	55103,690	-54946,960
831+0,00	0,000	3,910	0,000	75,930	156,730	55179,620	-55022,890
832+0,00	0,000	3,800	0,000	77,090	156,730	55256,710	-55099,980
833+0,00	0,000	3,510	0,000	73,130	156,730	55329,840	-55173,110
834+0,00	0,000	3,540	0,000	70,500	156,730	55400,340	-55243,610

Osvaldo Leoncio da S...
Diretor...
Projetos e Obras...
Secretaria...

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
835+0,00	0,000	3,700	0,000	72,370	156,730	55472,710	-55315,980
836+0,00	0,000	3,370	0,000	70,700	156,730	55543,410	-55386,680
837+0,00	0,000	3,300	0,000	66,700	156,730	55610,110	-55453,380
838+0,00	0,000	3,460	0,000	67,510	156,730	55677,620	-55520,890
839+0,00	0,000	3,580	0,000	70,320	156,730	55747,940	-55591,210
840+0,00	0,000	3,250	0,000	68,290	156,730	55816,230	-55659,500
841+0,00	0,000	3,210	0,000	64,640	156,730	55880,870	-55724,140
842+0,00	0,000	3,450	0,000	66,560	156,730	55947,430	-55790,700
843+0,00	0,000	3,520	0,000	69,690	156,730	56017,120	-55860,390
844+0,00	0,000	3,370	0,000	68,920	156,730	56086,040	-55929,310
845+0,00	0,000	3,280	0,000	66,530	156,730	56152,570	-55995,840
846+0,00	0,000	3,700	0,000	69,880	156,730	56222,450	-56065,720
847+0,00	0,000	3,530	0,000	72,360	156,730	56294,810	-56138,080
848+0,00	0,000	3,180	0,000	67,040	156,730	56361,850	-56205,120
849+0,00	0,000	2,370	0,000	55,420	156,730	56417,270	-56260,540
850+0,00	0,000	1,860	0,000	42,280	156,730	56459,550	-56302,820
851+0,00	0,000	2,080	0,000	39,630	156,730	56499,180	-56342,450
852+0,00	0,000	2,440	0,000	45,190	156,730	56544,370	-56387,640
853+0,00	0,000	2,890	0,000	53,290	156,730	56597,660	-56440,930
854+0,00	0,000	3,060	0,000	59,560	156,730	56657,220	-56500,490
855+0,00	0,000	3,060	0,000	61,360	156,730	56718,580	-56561,850
856+0,00	0,000	3,460	0,000	65,470	156,730	56784,050	-56627,320
857+0,00	0,000	3,690	0,000	71,480	156,730	56855,530	-56698,800
858+0,00	0,000	5,180	0,000	88,660	156,730	56944,190	-56787,460
859+0,00	0,000	3,720	0,000	88,920	156,730	57033,110	-56876,380
860+0,00	0,000	4,510	0,000	82,170	156,730	57115,280	-56958,550
861+0,00	0,000	3,690	0,000	82,010	156,730	57197,290	-57040,560
862+0,00	0,000	3,480	0,000	71,790	156,730	57269,080	-57112,350
863+0,00	0,000	3,800	0,000	72,860	156,730	57341,940	-57185,210
864+0,00	0,000	3,650	0,000	74,510	156,730	57416,450	-57259,720
865+0,00	0,000	3,520	0,000	71,640	156,730	57488,090	-57331,360
866+0,00	0,000	3,850	0,000	73,750	156,730	57561,840	-57405,110
867+0,00	0,000	3,250	0,000	71,050	156,730	57632,890	-57476,160
868+0,00	0,000	2,640	0,000	58,970	156,730	57691,860	-57535,130
869+0,00	0,000	1,560	0,000	41,960	156,730	57733,820	-57577,090
870+0,00	0,000	2,060	0,000	36,160	156,730	57769,980	-57613,250
871+0,00	0,000	2,960	0,000	50,150	156,730	57820,130	-57663,400
872+0,00	0,000	2,740	0,000	57,010	156,730	57877,140	-57720,410
873+0,00	0,000	2,490	0,000	52,320	156,730	57929,460	-57772,730
874+0,00	0,000	3,020	0,000	55,120	156,730	57984,580	-57827,850
875+0,00	0,000	2,320	0,000	53,450	156,730	58038,030	-57881,300
876+0,00	0,000	2,720	0,000	50,380	156,730	58088,410	-57931,680
877+0,00	0,000	2,050	0,000	47,700	156,730	58136,110	-57979,380
878+0,00	0,000	2,030	0,000	40,840	156,730	58176,950	-58020,220
879+0,00	0,000	2,120	0,000	41,560	156,730	58218,510	-58061,780
880+0,00	0,000	2,910	0,000	50,300	156,730	58268,810	-58112,080
881+0,00	0,000	3,190	0,000	61,060	156,730	58329,870	-58173,140
882+0,00	0,000	4,320	0,000	75,100	156,730	58404,970	-58248,240
883+0,00	0,000	5,290	0,000	96,090	156,730	58501,060	-58344,330
884+0,00	0,000	5,040	0,000	103,280	156,730	58604,340	-58447,610
885+0,00	0,000	3,420	0,000	84,620	156,730	58688,960	-58532,230
886+0,00	0,000	2,720	0,000	61,450	156,730	58750,410	-58593,680
887+0,00	0,090	0,760	0,920	34,790	157,650	58785,200	-58627,550
888+0,00	1,870	0,000	19,660	7,640	177,310	58792,840	-58615,530
889+0,00	2,810	0,000	46,800	0,000	224,110	58792,840	-58568,730
890+0,00	1,970	0,000	47,760	0,000	271,870	58792,840	-58520,970
891+0,00	0,700	0,020	26,690	0,240	298,560	58793,080	-58494,520
892+0,00	0,000	1,430	7,010	14,590	305,570	58807,670	-58502,100
893+0,00	0,000	2,470	0,020	39,120	305,590	58846,790	-58541,200
894+0,00	0,210	0,580	2,070	30,500	307,660	58877,290	-58569,630
895+0,00	0,170	1,000	3,750	15,840	311,410	58893,130	-58581,720
896+0,00	0,000	2,490	1,680	34,930	313,090	58928,060	-58614,970
897+0,00	0,000	2,520	0,000	50,420	313,090	58978,480	-58665,390
898+0,00	0,000	3,620	0,000	61,400	313,090	59039,880	-58726,790
899+0,00	0,000	3,450	0,000	70,710	313,090	59110,590	-58797,500

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
900+0,00	0,000	3,100	0,000	65,980	313,090	59176,570	-58863,480
901+0,00	0,000	3,110	0,030	62,530	313,120	59239,100	-58925,980
902+0,00	0,000	3,140	0,060	62,390	313,180	59301,490	-58988,310
903+0,00	0,000	3,400	0,030	65,440	313,210	59366,930	-59053,720
904+0,00	0,000	0,000	0,030	33,540	313,240	59400,470	-59087,230
905+0,00	0,000	3,110	0,030	31,100	313,270	59431,570	-59118,300
906+0,00	0,000	0,000	0,000	30,530	313,270	59462,100	-59148,830
907+0,00	0,000	2,800	0,000	28,040	313,270	59490,140	-59176,870
908+0,00	0,000	3,450	0,000	62,520	313,270	59552,660	-59239,390
909+0,00	0,000	3,340	0,000	67,690	313,270	59620,350	-59307,080
910+0,00	0,000	3,600	0,000	69,420	313,270	59689,770	-59376,500
911+0,00	0,000	3,510	0,000	71,160	313,270	59760,930	-59447,660
912+0,00	0,000	2,900	0,000	64,100	313,270	59825,030	-59511,760
913+0,00	0,000	3,300	0,000	61,820	313,270	59886,850	-59573,580
914+0,00	0,000	4,200	0,000	75,020	313,270	59961,870	-59648,600
915+0,00	0,000	4,610	0,000	87,940	313,270	60049,810	-59736,540
916+0,00	0,000	0,000	0,000	46,050	313,270	60095,860	-59782,590
917+0,00	0,000	4,340	0,000	43,430	313,270	60139,290	-59826,020
918+0,00	0,000	6,560	0,000	109,000	313,270	60248,290	-59935,020
919+0,00	0,000	4,570	0,000	111,540	313,270	60359,830	-60046,560
920+0,00	0,000	3,670	0,000	82,460	313,270	60442,290	-60129,020
921+0,00	0,000	3,700	0,000	73,740	313,270	60516,030	-60202,760
922+0,00	0,000	3,870	0,000	75,980	313,270	60592,010	-60278,740
923+0,00	0,000	4,380	0,000	82,510	313,270	60674,520	-60361,250
924+0,00	0,000	5,380	0,000	97,650	313,270	60772,170	-60458,900
925+0,00	0,000	3,390	0,000	88,420	313,270	60860,590	-60547,320
926+0,00	0,000	4,790	0,000	81,790	313,270	60942,380	-60629,110
927+0,00	0,000	4,080	0,000	88,490	313,270	61030,870	-60717,600
928+0,00	0,000	2,710	0,000	67,890	313,270	61098,760	-60785,490
929+0,00	0,000	2,990	0,000	56,860	313,270	61155,620	-60842,350
930+0,00	0,000	2,840	0,000	58,260	313,270	61213,880	-60900,610
931+0,00	0,000	3,790	0,000	66,410	313,270	61280,290	-60967,020
932+0,00	0,000	2,980	0,000	67,740	313,270	61348,030	-61034,760
933+0,00	0,000	3,670	0,000	66,530	313,270	61414,560	-61101,290
934+0,00	0,000	3,360	0,000	70,720	313,270	61485,280	-61172,010
935+0,00	0,000	4,020	0,000	73,870	313,270	61559,150	-61245,880
936+0,00	0,000	3,930	0,000	79,810	313,270	61638,960	-61325,690
937+0,00	0,000	3,640	0,000	75,710	313,270	61714,670	-61401,400
938+0,00	0,000	2,990	0,000	66,310	313,270	61780,980	-61467,710
939+0,00	0,000	3,440	0,000	64,330	313,270	61845,310	-61532,040
940+0,00	0,000	2,570	0,000	60,570	313,270	61905,880	-61592,610
941+0,00	0,000	0,000	0,000	0,000	313,270	61905,880	-61592,610
942+0,00	0,000	0,000	0,000	0,000	313,270	61905,880	-61592,610
943+0,00	0,000	0,000	0,000	0,000	313,270	61905,880	-61592,610
944+0,00	0,000	0,000	0,000	0,000	313,270	61905,880	-61592,610
945+0,00	0,000	0,000	0,000	0,000	313,270	61905,880	-61592,610
946+0,00	0,000	0,000	0,000	0,000	313,270	61905,880	-61592,610
947+0,00	0,000	0,000	0,000	0,000	313,270	61905,880	-61592,610
948+0,00	0,000	0,000	0,000	0,000	313,270	61905,880	-61592,610
949+0,00	0,000	0,000	0,020	0,020	313,290	61905,900	-61592,610
950+0,00	0,000	0,000	0,020	0,020	313,310	61905,920	-61592,610
951+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
952+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
953+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
954+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
955+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
956+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
957+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
958+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
959+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
960+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
961+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
962+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
963+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
964+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610

Geraldo Leocádio [illegible]
Diretor de [illegible]
Projetos e Obras - [illegible]
Secretaria das Cidades - [illegible]

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
965+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
966+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
967+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
968+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
969+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
970+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
971+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
972+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
973+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
974+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
975+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
976+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
977+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
978+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
979+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
980+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
981+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
982+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
983+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
984+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
985+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
986+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
987+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
988+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
989+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
990+0,00	0,000	0,000	0,000	0,000	313,310	61905,920	-61592,610
991+0,00	0,000	3,630	0,000	70,660	313,310	61976,580	-61663,270
992+0,00	0,000	3,490	0,000	71,120	313,310	62047,700	-61734,390
993+0,00	0,000	2,840	0,000	63,270	313,310	62110,970	-61797,660
994+0,00	0,000	3,550	0,000	63,830	313,310	62174,800	-61861,490
995+0,00	0,000	3,380	0,000	69,320	313,310	62244,120	-61930,810
996+0,00	0,000	2,840	0,000	62,360	313,310	62306,480	-61993,170
997+0,00	0,000	3,050	0,000	58,900	313,310	62365,380	-62052,070
998+0,00	0,000	3,570	0,000	67,070	313,310	62432,450	-62119,140
999+0,00	0,000	3,770	0,000	73,370	313,310	62505,820	-62192,510
1000+0,00	0,000	3,740	0,000	75,120	313,310	62580,940	-62267,630
1001+0,00	0,000	3,920	0,000	76,630	313,310	62657,570	-62344,260
1002+0,00	0,000	4,570	0,000	84,930	313,310	62742,500	-62429,190
1003+0,00	0,000	5,450	0,000	100,260	313,310	62842,760	-62529,450
1004+0,00	0,000	6,300	0,000	117,510	313,310	62960,270	-62646,960
1005+0,00	0,000	7,270	0,000	135,660	313,310	63095,930	-62782,620
1006+0,00	0,000	3,690	0,000	109,580	313,310	63205,510	-62892,200
1007+0,00	0,000	3,180	0,000	68,730	313,310	63274,240	-62960,930
1008+0,00	0,000	4,190	0,000	73,660	313,310	63347,900	-63034,590
1009+0,00	0,000	3,640	0,000	78,270	313,310	63426,170	-63112,860
1010+0,00	0,000	3,680	0,000	73,220	313,310	63499,390	-63186,080
1011+0,00	0,000	3,670	0,000	73,550	313,310	63572,940	-63259,630
1012+0,00	0,000	4,460	0,000	81,580	313,310	63654,520	-63341,210
1013+0,00	0,000	3,720	0,000	81,680	313,310	63736,200	-63422,890
1014+0,00	0,000	3,540	0,000	72,370	313,310	63808,570	-63495,260
1015+0,00	0,000	3,730	0,000	72,610	313,310	63881,180	-63567,870
1016+0,00	0,000	3,670	0,000	73,600	313,310	63954,780	-63641,470
1017+0,00	0,000	3,090	0,000	67,690	313,310	64022,470	-63709,160
1018+0,00	0,000	2,530	0,000	56,440	313,310	64078,910	-63765,600
1019+0,00	0,000	3,120	0,000	56,520	313,310	64135,430	-63822,120
1020+0,00	0,000	3,680	0,000	67,960	313,310	64203,390	-63890,080
1021+0,00	0,000	3,790	0,000	74,680	313,310	64278,070	-63964,760
1022+0,00	0,000	4,070	0,000	78,640	313,310	64356,710	-64043,400
1023+0,00	0,000	4,460	0,000	85,280	313,310	64441,990	-64128,680
1024+0,00	0,000	4,370	0,000	88,270	313,310	64530,260	-64216,950
1025+0,00	0,000	3,710	0,000	80,860	313,310	64611,120	-64297,810
1026+0,00	0,000	3,510	0,000	72,200	313,310	64683,320	-64370,010
1027+0,00	0,000	3,520	0,000	70,260	313,310	64753,580	-64440,270
1028+0,00	0,000	3,400	0,000	69,170	313,310	64822,750	-64509,440
1029+0,00	0,000	3,710	0,000	71,030	313,310	64893,780	-64580,470

Osvaldo Lazaro de
Diretor de Projetos e Obras
Secretaria de Cidades

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1030+0,00	0,000	3,680	0,000	73,800	313,310	64967,580	-64654,270
1031+0,00	0,000	3,850	0,000	75,260	313,310	65042,840	-64729,530
1032+0,00	0,000	3,970	0,000	78,160	313,310	65121,000	-64807,690
1033+0,00	0,000	3,890	0,000	78,600	313,310	65199,600	-64886,290
1034+0,00	0,000	3,190	0,000	70,850	313,310	65270,450	-64957,140
1035+0,00	0,000	2,680	0,000	58,670	313,310	65329,120	-65015,810
1036+0,00	0,000	2,730	0,000	54,050	313,310	65383,170	-65069,860
1037+0,00	0,000	2,790	0,000	55,170	313,310	65438,340	-65125,030
1038+0,00	0,000	3,100	0,000	58,870	313,310	65497,210	-65183,900
1039+0,00	0,000	3,510	0,000	66,110	313,310	65563,320	-65250,010
1040+0,00	0,000	3,460	0,000	69,720	313,310	65633,040	-65319,730
1041+0,00	0,000	3,500	0,000	69,620	313,310	65702,660	-65389,350
1042+0,00	0,000	3,350	0,000	68,420	313,310	65771,080	-65457,770
1043+0,00	0,000	3,250	0,000	66,000	313,310	65837,080	-65523,770
1044+0,00	0,000	3,210	0,000	64,600	313,310	65901,680	-65588,370
1045+0,00	0,000	3,610	0,000	68,180	313,310	65969,860	-65656,550
1046+0,00	0,000	4,020	0,000	76,330	313,310	66046,190	-65732,880
1047+0,00	0,000	3,490	0,000	75,130	313,310	66121,320	-65808,010
1048+0,00	0,000	3,460	0,000	69,480	313,310	66190,800	-65877,490
1049+0,00	0,000	3,600	0,000	70,600	313,310	66261,400	-65948,090
1050+0,00	0,000	3,570	0,000	71,780	313,310	66333,180	-66019,870
1051+0,00	0,000	3,240	0,000	68,090	313,310	66401,270	-66087,960
1052+0,00	0,000	3,630	0,000	68,400	313,310	66469,670	-66156,360
1053+0,00	0,000	3,570	0,000	71,990	313,310	66541,660	-66228,350
1054+0,00	0,000	2,780	0,000	63,100	313,310	66604,760	-66291,450
1055+0,00	0,000	2,820	0,000	55,900	313,310	66660,660	-66347,350
1056+0,00	0,000	2,960	0,000	57,770	313,310	66718,430	-66405,120
1057+0,00	0,000	2,930	0,000	59,210	313,310	66777,640	-66464,330
1058+0,00	0,000	2,890	0,000	58,210	313,310	66835,850	-66522,540
1059+0,00	0,000	2,490	0,000	53,800	313,310	66889,650	-66576,340
1060+0,00	0,000	2,500	0,000	49,900	313,310	66939,550	-66626,240
1061+0,00	0,010	2,180	0,080	46,950	313,390	66986,500	-66673,110
1062+0,00	0,000	2,410	0,080	45,890	313,470	67032,390	-66718,920
1063+0,00	0,000	3,520	0,000	59,240	313,470	67091,630	-66778,160
1064+0,00	0,000	4,000	0,000	75,160	313,470	67166,790	-66853,320
1065+0,00	0,000	3,520	0,000	75,230	313,470	67242,020	-66928,550
1066+0,00	0,000	3,500	0,000	70,270	313,470	67312,290	-66998,820
1067+0,00	0,000	3,970	0,000	74,750	313,470	67387,040	-67073,570
1068+0,00	0,000	4,430	0,000	84,030	313,470	67471,070	-67157,600
1069+0,00	0,000	7,450	0,000	118,810	313,470	67589,880	-67276,410
1070+0,00	0,000	5,880	0,000	133,270	313,470	67723,150	-67409,680
1071+0,00	0,000	3,980	0,000	98,610	313,470	67821,760	-67508,290
1072+0,00	0,000	2,950	0,000	69,330	313,470	67891,090	-67577,620
1073+0,00	0,000	2,830	0,000	57,750	313,470	67948,840	-67635,370
1074+0,00	0,000	3,910	0,000	67,370	313,470	68016,210	-67702,740
1075+0,00	0,000	3,690	0,000	75,960	313,470	68092,170	-67778,700
1076+0,00	0,000	4,130	0,000	78,130	313,470	68170,300	-67856,830
1077+0,00	0,000	4,970	0,000	90,970	313,470	68261,270	-67947,800
1078+0,00	0,000	4,090	0,000	90,880	313,470	68352,150	-68038,680
1079+0,00	0,000	3,130	0,000	72,210	313,470	68424,360	-68110,890
1080+0,00	0,000	4,180	0,000	73,100	313,470	68497,460	-68183,990
1081+0,00	0,000	3,280	0,000	74,640	313,470	68572,100	-68258,630
1082+0,00	0,000	6,280	0,000	95,620	313,470	68667,720	-68354,250
1083+0,00	0,000	7,990	0,000	142,690	313,470	68810,410	-68496,940
1084+0,00	0,000	6,700	0,000	146,850	313,470	68957,260	-68643,790
1085+0,00	0,000	2,990	0,000	96,880	313,470	69054,140	-68740,670
1086+0,00	0,000	3,090	0,000	60,770	313,470	69114,910	-68801,440
1087+0,00	0,000	2,570	0,000	56,520	313,470	69171,430	-68857,960
1088+0,00	0,000	3,530	0,000	60,560	313,470	69231,990	-68918,520
1089+0,00	0,000	4,200	0,000	77,290	313,470	69309,280	-68995,810
1090+0,00	0,000	5,650	0,000	98,560	313,470	69407,840	-69094,370
1091+0,00	0,000	5,290	0,000	109,390	313,470	69517,230	-69203,760
1092+0,00	0,000	4,530	0,000	98,190	313,470	69615,420	-69301,950
1093+0,00	0,000	4,970	0,000	95,720	313,470	69711,140	-69397,670
1094+0,00	0,000	6,090	0,000	110,390	313,470	69821,530	-69508,060

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1095+0,00	0,000	4,040	0,000	100,370	313,470	69921,900	-69608,430
1096+0,00	0,000	0,000	0,000	40,360	313,470	69962,260	-69648,790
1097+0,00	0,000	3,910	0,000	38,710	313,470	70000,970	-69687,500
1098+0,00	0,000	3,920	0,000	78,260	313,470	70079,230	-69765,760
1099+0,00	0,000	3,700	0,000	76,240	313,470	70155,470	-69842,000
1100+0,00	0,000	3,590	0,000	72,910	313,470	70228,380	-69914,910
1101+0,00	0,000	3,670	0,000	73,440	313,470	70301,820	-69988,350
1102+0,00	0,000	3,580	0,000	72,510	313,470	70374,330	-70060,860
1103+0,00	0,000	4,080	0,000	76,950	313,470	70451,280	-70137,810
1104+0,00	0,000	3,870	0,000	79,880	313,470	70531,160	-70217,690
1105+0,00	0,000	3,470	0,000	73,840	313,470	70605,000	-70291,530
1106+0,00	0,000	3,570	0,000	70,860	313,470	70675,860	-70362,390
1107+0,00	0,000	4,570	0,000	81,460	313,470	70757,320	-70443,850
1108+0,00	0,000	5,270	0,000	98,330	313,470	70855,650	-70542,180
1109+0,00	0,000	3,540	0,000	88,170	313,470	70943,820	-70630,350
1110+0,00	0,000	3,210	0,000	67,180	313,470	71011,000	-70697,530
1111+0,00	0,000	2,980	0,000	61,740	313,470	71072,740	-70759,270
1112+0,00	0,000	2,980	0,000	59,650	313,470	71132,390	-70818,920
1113+0,00	0,000	2,000	0,000	49,800	313,470	71182,190	-70868,720
1114+0,00	0,000	1,850	0,000	38,500	313,470	71220,690	-70907,220
1115+0,00	0,000	2,970	0,000	48,180	313,470	71268,870	-70955,400
1116+0,00	0,000	3,190	0,000	61,650	313,470	71330,520	-71017,050
1117+0,00	0,000	3,900	0,000	70,900	313,470	71401,420	-71087,950
1118+0,00	0,000	4,400	0,000	82,970	313,470	71484,390	-71170,920
1119+0,00	0,000	4,780	0,000	91,820	313,470	71576,210	-71262,740
1120+0,00	0,000	5,010	0,000	97,990	313,470	71674,200	-71360,730
1121+0,00	0,000	5,140	0,000	101,560	313,470	71775,760	-71462,290
1122+0,00	0,000	5,740	0,000	108,810	313,470	71884,570	-71571,100
1123+0,00	0,000	4,430	0,000	101,670	313,470	71986,240	-71672,770
1124+0,00	0,000	2,960	0,000	73,840	313,470	72060,080	-71746,610
1125+0,00	0,000	2,850	0,000	58,060	313,470	72118,140	-71804,670
1126+0,00	0,000	2,390	0,000	52,400	313,470	72170,540	-71857,070
1127+0,00	0,000	1,990	0,000	43,780	313,470	72214,320	-71900,850
1128+0,00	0,000	1,530	0,000	35,120	313,470	72249,440	-71935,970
1129+0,00	0,000	2,210	0,000	37,320	313,470	72286,760	-71973,290
1130+0,00	0,000	2,900	0,000	51,040	313,470	72337,800	-72024,330
1131+0,00	0,000	3,890	0,000	67,790	313,470	72405,590	-72092,120
1132+0,00	0,000	6,200	0,000	101,040	313,470	72506,630	-72193,160
1133+0,00	0,000	8,030	0,000	142,250	313,470	72648,880	-72335,410
1134+0,00	0,000	5,070	0,000	130,800	313,470	72779,680	-72466,210
1135+0,00	0,000	3,830	0,000	88,870	313,470	72868,550	-72555,080
1136+0,00	0,000	3,920	0,000	77,530	313,470	72946,080	-72632,610
1137+0,00	0,000	4,010	0,000	79,350	313,470	73025,430	-72711,960
1138+0,00	0,000	4,280	0,000	82,940	313,470	73108,370	-72794,900
1139+0,00	0,000	1,930	0,000	62,050	313,470	73170,420	-72856,950
1140+0,00	0,000	3,680	0,000	55,900	313,470	73226,320	-72912,850
1141+0,00	0,000	3,670	0,000	73,290	313,470	73299,610	-72986,140
1142+0,00	0,000	2,770	0,000	64,340	313,470	73363,950	-73050,480
1143+0,00	0,000	3,060	0,000	58,040	313,470	73421,990	-73108,520
1144+0,00	0,000	2,900	0,000	59,560	313,470	73481,550	-73168,080
1145+0,00	0,000	2,680	0,000	55,760	313,470	73537,310	-73223,840
1146+0,00	0,000	3,380	0,000	60,580	313,470	73597,890	-73284,420
1147+0,00	0,000	3,920	0,000	72,950	313,470	73670,840	-73357,370
1148+0,00	0,000	4,390	0,000	83,260	313,470	73754,100	-73440,630
1149+0,00	0,000	3,270	0,000	76,540	313,470	73830,640	-73517,170
1150+0,00	0,000	3,250	0,000	65,160	313,470	73895,800	-73582,330
1151+0,00	0,000	3,550	0,000	67,560	313,470	73963,360	-73649,890
1152+0,00	0,000	0,000	0,000	35,530	313,470	73998,890	-73685,420
1153+0,00	0,000	4,540	0,000	45,620	313,470	74044,510	-73731,040
1154+0,00	0,000	4,300	0,000	88,470	313,470	74132,980	-73819,510
1155+0,00	0,000	4,180	0,000	84,830	313,470	74217,810	-73904,340
1156+0,00	0,000	3,980	0,000	81,610	313,470	74299,420	-73985,950
1157+0,00	0,000	3,720	0,000	77,050	313,470	74376,470	-74063,000
1158+0,00	0,000	3,340	0,000	70,630	313,470	74447,100	-74133,630
1159+0,00	0,000	3,240	0,000	65,510	313,470	74512,610	-74199,140

Governo do Estado da Bahia
Secretaria de Infraestrutura Hídrica

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1160+0,00	0,000	2,800	0,000	60,370	313,470	74572,980	-74259,510
1161+0,00	0,000	0,000	0,000	27,910	313,470	74600,890	-74287,420
1162+0,00	0,000	4,110	0,000	40,920	313,470	74641,810	-74328,340
1163+0,00	0,000	4,350	0,000	85,030	313,470	74726,840	-74413,370
1164+0,00	0,000	3,310	0,020	76,860	313,490	74803,700	-74490,210
1165+0,00	0,000	3,150	0,020	64,560	313,510	74868,260	-74554,750
1166+0,00	0,000	3,340	0,000	65,030	313,510	74933,290	-74619,780
1167+0,00	0,000	3,430	0,000	68,250	313,510	75001,540	-74688,030
1168+0,00	0,000	3,620	0,000	70,540	313,510	75072,080	-74758,570
1169+0,00	0,000	3,310	0,000	69,470	313,510	75141,550	-74828,040
1170+0,00	0,000	2,680	0,000	59,920	313,510	75201,470	-74887,960
1171+0,00	0,000	3,080	0,000	57,510	313,510	75258,980	-74945,470
1172+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1173+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1174+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1175+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1176+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1177+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1178+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1179+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1180+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1181+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1182+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1183+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1184+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1185+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1186+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1187+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1188+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1189+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1190+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1191+0,00	0,000	0,000	0,000	0,000	313,510	75258,980	-74945,470
1192+0,00	0,000	3,280	0,000	59,280	313,510	75318,260	-75004,750
1193+0,00	0,000	3,330	0,000	66,030	313,510	75384,290	-75070,780
1194+0,00	0,000	2,980	0,000	63,030	313,510	75447,320	-75133,810
1195+0,00	0,000	3,230	0,000	62,050	313,510	75509,370	-75195,860
1196+0,00	0,000	3,370	0,000	66,010	313,510	75575,380	-75261,870
1197+0,00	0,000	3,670	0,000	70,400	313,510	75645,780	-75332,270
1198+0,00	0,000	3,540	0,000	72,090	313,510	75717,870	-75404,360
1199+0,00	0,000	3,500	0,000	70,370	313,510	75788,240	-75474,730
1200+0,00	0,000	3,510	0,000	70,070	313,510	75858,310	-75544,800
1201+0,00	0,000	3,630	0,000	71,470	313,510	75929,780	-75616,270
1202+0,00	0,000	3,360	0,000	69,970	313,510	75999,750	-75686,240
1203+0,00	0,000	2,940	0,000	63,010	313,510	76062,760	-75749,250
1204+0,00	0,000	2,730	0,000	56,710	313,510	76119,470	-75805,960
1205+0,00	0,000	3,070	0,000	58,010	313,510	76177,480	-75863,970
1206+0,00	0,000	2,300	0,000	53,770	313,510	76231,250	-75917,740
1207+0,00	0,000	2,070	0,000	43,750	313,510	76275,000	-75961,490
1208+0,00	0,000	2,190	0,000	42,570	313,510	76317,570	-76004,060
1209+0,00	0,000	2,800	0,000	49,820	313,510	76367,390	-76053,880
1210+0,00	0,000	3,390	0,000	61,890	313,510	76429,280	-76115,770
1211+0,00	0,000	3,630	0,000	70,250	313,510	76499,530	-76186,020
1212+0,00	0,000	3,290	0,000	69,230	313,510	76568,760	-76255,250
1213+0,00	0,000	3,140	0,000	64,290	313,510	76633,050	-76319,540
1214+0,00	0,000	3,280	0,000	64,100	313,510	76697,150	-76383,640
1215+0,00	0,000	3,360	0,000	66,370	313,510	76763,520	-76450,010
1216+0,00	0,000	3,060	0,000	64,180	313,510	76827,700	-76514,190
1217+0,00	0,000	4,200	0,000	72,530	313,510	76900,230	-76586,720
1218+0,00	0,000	4,130	0,000	83,250	313,510	76983,480	-76669,970
1219+0,00	0,000	3,880	0,000	80,050	313,510	77063,530	-76750,020
1220+0,00	0,000	3,790	0,000	76,680	313,510	77140,210	-76826,700
1221+0,00	0,000	3,670	0,000	74,590	313,510	77214,800	-76901,290
1222+0,00	0,000	3,470	0,000	71,430	313,510	77286,230	-76972,720
1223+0,00	0,000	3,700	0,000	71,820	313,510	77358,050	-77044,540
1224+0,00	0,000	3,210	0,000	69,130	313,510	77427,180	-77113,670

Osvaldo Leoncio de [illegible] Filho
Diretor de Unidade [illegible]
Projetos e Obras [illegible]
Secretaria [illegible]

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1225+0,00	0,000	3,220	0,000	64,280	313,510	77491,460	-77177,950
1226+0,00	0,000	2,940	0,000	61,590	313,510	77553,050	-77239,540
1227+0,00	0,000	3,300	0,000	62,360	313,510	77615,410	-77301,900
1228+0,00	0,000	4,380	0,000	76,780	313,510	77692,190	-77378,680
1229+0,00	0,000	4,200	0,000	85,760	313,510	77777,950	-77464,440
1230+0,00	0,000	2,910	0,000	71,120	313,510	77849,070	-77535,560
1231+0,00	0,000	3,030	0,000	59,420	313,510	77908,490	-77594,980
1232+0,00	0,000	3,280	0,000	63,000	313,510	77971,490	-77657,980
1233+0,00	0,000	3,910	0,000	71,760	313,510	78043,250	-77729,740
1234+0,00	0,000	3,480	0,000	73,770	313,510	78117,020	-77803,510
1235+0,00	0,000	3,230	0,000	67,630	313,510	78184,650	-77871,140
1236+0,00	0,000	3,480	0,000	67,420	313,510	78252,070	-77938,560
1237+0,00	0,000	3,530	0,000	70,540	313,510	78322,610	-78009,100
1238+0,00	0,000	3,560	0,000	71,300	313,510	78393,910	-78080,400
1239+0,00	0,000	3,520	0,000	70,950	313,510	78464,860	-78151,350
1240+0,00	0,000	3,500	0,000	70,200	313,510	78535,060	-78221,550
1241+0,00	0,000	3,420	0,000	68,840	313,510	78603,900	-78290,390
1242+0,00	0,000	3,480	0,000	68,710	313,510	78672,610	-78359,100
1243+0,00	0,000	3,370	0,000	68,470	313,510	78741,080	-78427,570
1244+0,00	0,000	3,850	0,000	72,230	313,510	78813,310	-78499,800
1245+0,00	0,000	3,880	0,000	77,380	313,510	78890,690	-78577,180
1246+0,00	0,000	0,000	0,000	0,000	313,510	78890,690	-78577,180
1247+0,00	0,000	0,000	0,000	0,000	313,510	78890,690	-78577,180
1248+0,00	0,000	0,000	0,000	0,000	313,510	78890,690	-78577,180
1249+0,00	0,000	0,000	0,000	0,000	313,510	78890,690	-78577,180
1250+0,00	0,000	0,000	0,000	0,000	313,510	78890,690	-78577,180
1251+0,00	0,000	0,000	0,000	0,000	313,510	78890,690	-78577,180
1252+0,00	0,000	0,000	0,000	0,000	313,510	78890,690	-78577,180
1253+0,00	0,000	0,000	0,000	0,000	313,510	78890,690	-78577,180
1254+0,00	0,000	0,000	0,000	0,000	313,510	78890,690	-78577,180
1255+0,00	0,000	0,000	0,000	0,000	313,510	78890,690	-78577,180
1256+0,00	0,000	0,000	0,000	0,000	313,510	78890,690	-78577,180
1257+0,00	0,000	0,000	0,000	0,000	313,510	78890,690	-78577,180
1258+0,00	0,000	4,600	0,000	83,640	313,510	78974,330	-78660,820
1259+0,00	0,000	5,070	0,000	96,760	313,510	79071,090	-78757,580
1260+0,00	0,000	5,000	0,000	100,680	313,510	79171,770	-78858,260
1261+0,00	0,000	4,550	0,000	95,500	313,510	79267,270	-78953,760
1262+0,00	0,000	3,830	0,000	83,780	313,510	79351,050	-79037,540
1263+0,00	0,000	3,880	0,000	76,970	313,510	79428,020	-79114,510
1264+0,00	0,000	4,410	0,000	82,850	313,510	79510,870	-79197,360
1265+0,00	0,000	4,910	0,000	93,220	313,510	79604,090	-79290,580
1266+0,00	0,000	7,500	0,000	124,130	313,510	79728,220	-79414,710
1267+0,00	0,000	6,820	0,000	143,220	313,510	79871,440	-79557,930
1268+0,00	0,000	5,520	0,000	123,280	313,510	79994,720	-79681,210
1269+0,00	0,000	4,540	0,000	100,530	313,510	80095,250	-79781,740
1270+0,00	0,000	3,930	0,000	84,730	313,510	80179,980	-79866,470
1271+0,00	0,000	3,640	0,000	75,820	313,510	80255,800	-79942,290
1272+0,00	0,000	3,280	0,000	69,260	313,510	80325,060	-80011,550
1273+0,00	0,000	3,010	0,000	62,930	313,510	80387,990	-80074,480
1274+0,00	0,000	3,670	0,000	66,800	313,510	80454,790	-80141,280
1275+0,00	0,000	3,670	0,000	73,280	313,510	80528,070	-80214,560
1276+0,00	0,000	3,660	0,000	73,250	313,510	80601,320	-80287,810
1277+0,00	0,000	2,200	0,000	58,620	313,510	80659,940	-80346,430
1278+0,00	0,000	2,440	0,000	46,400	313,510	80706,340	-80392,830
1279+0,00	0,000	3,300	0,000	57,320	313,510	80763,660	-80450,150
1280+0,00	0,000	5,540	0,000	88,340	313,510	80852,000	-80538,490
1281+0,00	0,000	3,990	0,000	93,930	313,510	80945,930	-80632,420
1282+0,00	0,000	3,880	0,000	78,500	313,510	81024,430	-80710,920
1283+0,00	0,000	3,710	0,000	75,860	313,510	81100,290	-80786,780
1284+0,00	0,210	0,920	2,100	46,610	315,610	81146,900	-80831,290
1285+0,00	0,010	2,200	2,270	31,180	317,880	81178,080	-80860,200
1286+0,00	0,000	2,620	0,130	48,190	318,010	81226,270	-80908,260
1287+0,00	0,000	1,960	0,000	45,850	318,010	81272,120	-80954,110
1288+0,00	0,000	2,590	0,000	45,440	318,010	81317,560	-80999,550
1289+0,00	0,000	2,930	0,000	55,250	318,010	81372,810	-81054,800

Gerente de Infraestrutura
Diretoria de Projetos
Projetos Diversos
Secretaria de Infraestrutura

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1290+0,00	0,000	3,110	0,000	60,420	318,010	81433,230	-81115,220
1291+0,00	0,000	3,130	0,000	62,400	318,010	81495,630	-81177,620
1292+0,00	0,000	2,850	0,000	59,820	318,010	81555,450	-81237,440
1293+0,00	0,000	2,250	0,000	50,970	318,010	81606,420	-81288,410
1294+0,00	0,000	3,190	0,000	54,830	318,010	81661,250	-81343,240
1295+0,00	0,000	3,660	0,000	68,600	318,010	81729,850	-81411,840
1296+0,00	0,000	3,590	0,000	72,480	318,010	81802,330	-81484,320
1297+0,00	0,000	4,010	0,000	75,960	318,010	81878,290	-81560,280
1298+0,00	0,000	3,540	0,000	75,480	318,010	81953,770	-81635,760
1299+0,00	0,000	3,700	0,000	72,170	318,010	82025,940	-81707,930
1300+0,00	0,000	3,830	0,000	75,230	318,010	82101,170	-81783,160
1301+0,00	0,000	0,000	0,000	38,260	318,010	82139,430	-81821,420
1302+0,00	0,000	3,650	0,000	36,500	318,010	82175,930	-81857,920
1303+0,00	0,000	3,910	0,000	75,570	318,010	82251,500	-81933,490
1304+0,00	0,000	3,150	0,000	70,590	318,010	82322,090	-82004,080
1305+0,00	1,450	0,500	14,490	36,550	332,500	82358,640	-82026,140
1306+0,00	0,440	1,600	19,300	20,610	351,800	82379,250	-82027,450
1307+0,00	0,030	3,100	4,630	46,950	356,430	82426,200	-82069,770
1308+0,00	0,010	2,380	0,350	55,980	356,780	82482,180	-82125,400
1309+0,00	0,050	2,680	0,570	50,640	357,350	82532,820	-82175,470
1310+0,00	0,200	2,960	2,390	57,310	359,740	82590,130	-82230,390
1311+0,00	0,070	3,370	2,740	63,130	362,480	82653,260	-82290,780
1312+0,00	0,230	1,360	3,030	47,230	365,510	82700,490	-82334,980
1313+0,00	0,000	2,330	2,320	36,850	367,830	82737,340	-82369,510
1314+0,00	0,000	3,040	0,040	53,730	367,870	82791,070	-82423,200
1315+0,00	0,010	3,380	0,190	64,230	368,060	82855,300	-82487,240
1316+0,00	0,000	4,720	0,150	80,970	368,210	82936,270	-82568,060
1317+0,00	0,000	5,220	0,000	99,080	368,210	83035,350	-82667,140
1318+0,00	0,000	3,940	0,000	91,570	368,210	83126,920	-82758,710
1319+0,00	0,000	5,240	0,000	91,000	368,210	83217,920	-82849,710
1320+0,00	0,000	4,660	0,000	98,990	368,210	83316,910	-82948,700
1321+0,00	0,000	3,920	0,000	85,880	368,210	83402,790	-83034,580
1322+0,00	0,000	4,110	0,000	80,310	368,210	83483,100	-83114,890
1323+0,00	0,000	3,890	0,000	80,000	368,210	83563,100	-83194,890
1324+0,00	0,000	3,610	0,000	75,110	368,210	83638,210	-83270,000
1325+0,00	0,000	3,930	0,000	75,340	368,210	83713,550	-83345,340
1326+0,00	0,000	3,820	0,000	77,520	368,210	83791,070	-83422,860
1327+0,00	0,000	3,680	0,000	74,940	368,210	83866,010	-83497,800
1328+0,00	0,000	4,320	0,000	79,970	368,210	83945,980	-83577,770
1329+0,00	0,000	3,690	0,000	80,110	368,210	84026,090	-83657,880
1330+0,00	0,000	3,890	0,000	75,750	368,210	84101,840	-83733,630
1331+0,00	0,000	3,710	0,000	76,010	368,210	84177,850	-83809,640
1332+0,00	0,000	3,430	0,000	71,420	368,210	84249,270	-83881,060
1333+0,00	0,000	4,560	0,000	79,890	368,210	84329,160	-83960,950
1334+0,00	0,000	5,880	0,000	104,440	368,210	84433,600	-84065,390
1335+0,00	0,000	5,360	0,000	112,330	368,210	84545,930	-84177,720
1336+0,00	0,000	4,960	0,000	103,200	368,210	84649,130	-84280,920
1337+0,00	0,000	3,990	0,000	89,500	368,210	84738,630	-84370,420
1338+0,00	0,000	3,350	0,000	73,280	368,210	84811,910	-84443,700
1339+0,00	0,000	4,480	0,000	78,240	368,210	84890,150	-84521,940
1340+0,00	0,000	4,960	0,000	94,380	368,210	84984,530	-84616,320
1341+0,00	0,000	5,510	0,000	104,710	368,210	85089,240	-84721,030
1342+0,00	0,000	3,670	0,000	91,810	368,210	85181,050	-84812,840
1343+0,00	0,000	4,060	0,000	77,290	368,210	85258,340	-84890,130
1344+0,00	0,000	4,820	0,000	88,770	368,210	85347,110	-84978,900
1345+0,00	0,000	3,470	0,000	82,850	368,210	85429,960	-85061,750
1346+0,00	0,000	3,670	0,000	71,380	368,210	85501,340	-85133,130
1347+0,00	0,000	4,020	0,000	76,940	368,210	85578,280	-85210,070
1348+0,00	0,000	3,690	0,000	77,210	368,210	85655,490	-85287,280
1349+0,00	0,000	3,020	0,000	67,170	368,210	85722,660	-85354,450
1350+0,00	0,000	3,730	0,000	67,540	368,210	85790,200	-85421,990
1351+0,00	0,000	4,630	0,000	83,600	368,210	85873,800	-85505,590
1352+0,00	0,000	6,860	0,000	114,920	368,210	85988,720	-85620,510
1353+0,00	0,000	8,040	0,000	148,980	368,210	86137,700	-85769,490
1354+0,00	0,000	9,310	0,000	173,430	368,210	86311,130	-85942,920

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1355+0,00	0,000	0,000	0,000	0,000	368,210	86311,130	-85942,920
1356+0,00	0,000	0,000	0,000	0,000	368,210	86311,130	-85942,920
1357+0,00	0,000	0,000	0,000	0,000	368,210	86311,130	-85942,920
1358+0,00	0,000	0,000	0,000	0,000	368,210	86311,130	-85942,920
1359+0,00	0,000	0,000	0,000	0,000	368,210	86311,130	-85942,920
1360+0,00	0,000	0,000	0,000	0,000	368,210	86311,130	-85942,920
1361+0,00	0,000	0,000	0,000	0,000	368,210	86311,130	-85942,920
1362+0,00	0,000	0,000	0,000	0,000	368,210	86311,130	-85942,920
1363+0,00	0,000	0,000	0,000	0,000	368,210	86311,130	-85942,920
1364+0,00	0,000	0,000	0,000	0,000	368,210	86311,130	-85942,920
1365+0,00	0,000	0,000	0,000	0,000	368,210	86311,130	-85942,920
1366+0,00	0,000	0,000	0,000	0,000	368,210	86311,130	-85942,920
1367+0,00	0,000	4,460	0,000	85,190	368,210	86396,320	-86028,110
1368+0,00	0,000	3,730	0,000	81,930	368,210	86478,250	-86110,040
1369+0,00	0,000	1,630	0,000	53,670	368,210	86531,920	-86163,710
1370+0,00	0,190	0,080	1,850	17,040	370,060	86548,960	-86178,900
1371+0,00	0,080	0,270	2,690	3,490	372,750	86552,450	-86179,700
1372+0,00	0,000	1,390	0,840	16,600	373,590	86569,050	-86195,460
1373+0,00	0,000	3,990	0,000	53,780	373,590	86622,830	-86249,240
1374+0,00	0,000	3,910	0,000	79,060	373,590	86701,890	-86328,300
1375+0,00	0,000	4,010	0,000	79,180	373,590	86781,070	-86407,480
1376+0,00	0,000	3,960	0,000	79,680	373,590	86860,750	-86487,160
1377+0,00	0,000	3,820	0,000	77,750	373,590	86938,500	-86564,910
1378+0,00	0,000	3,890	0,000	77,010	373,590	87015,510	-86641,920
1379+0,00	0,000	3,250	0,000	70,740	373,590	87086,250	-86712,660
1380+0,00	0,000	0,000	0,000	31,970	373,590	87118,220	-86744,630
1381+0,00	0,000	5,760	0,000	58,130	373,590	87176,350	-86802,760
1382+0,00	0,000	5,130	0,000	110,070	373,590	87286,420	-86912,830
1383+0,00	0,000	2,720	0,000	78,900	373,590	87365,320	-86991,730
1384+0,00	0,000	4,880	0,000	76,100	373,590	87441,420	-87067,830
1385+0,00	0,000	7,820	0,000	126,990	373,590	87568,410	-87194,820
1386+0,00	0,000	7,600	0,000	154,120	373,590	87722,530	-87348,940
1387+0,00	0,000	6,340	0,000	139,380	373,590	87861,910	-87488,320
1388+0,00	0,000	3,970	0,000	103,140	373,590	87965,050	-87591,460
1389+0,00	0,000	4,260	0,000	82,300	373,590	88047,350	-87673,760
1390+0,00	0,000	3,560	0,000	78,280	373,590	88125,630	-87752,040
1391+0,00	0,000	3,590	0,000	71,460	373,590	88197,090	-87823,500
1392+0,00	0,000	3,730	0,000	73,330	373,590	88270,420	-87896,830
1393+0,00	0,000	3,920	0,000	76,460	373,590	88346,880	-87973,290
1394+0,00	0,000	3,820	0,000	77,500	373,590	88424,380	-88050,790
1395+0,00	0,000	3,740	0,000	75,760	373,590	88500,140	-88126,550
1396+0,00	0,000	4,090	0,000	78,330	373,590	88578,470	-88204,880
1397+0,00	0,000	3,710	0,000	78,000	373,590	88656,470	-88282,880
1398+0,00	0,000	3,290	0,000	69,990	373,590	88726,460	-88352,870
1399+0,00	0,000	2,850	0,000	61,470	373,590	88787,930	-88414,340
1400+0,00	0,000	2,710	0,000	55,590	373,590	88843,520	-88469,930
1401+0,00	0,000	3,590	0,000	62,940	373,590	88906,460	-88532,870
1402+0,00	0,000	1,230	0,000	48,190	373,590	88954,650	-88581,060
1403+0,00	0,000	3,020	0,000	42,530	373,590	88997,180	-88623,590
1404+0,00	0,000	2,970	0,000	59,920	373,590	89057,100	-88683,510
1405+0,00	0,000	1,490	0,000	44,560	373,590	89101,660	-88728,070
1406+0,00	0,000	2,530	0,000	40,220	373,590	89141,880	-88768,290
1407+0,00	0,000	2,640	0,000	51,760	373,590	89193,640	-88820,050
1408+0,00	0,000	3,160	0,000	58,050	373,590	89251,690	-88878,100
1409+0,00	0,000	3,720	0,000	68,860	373,590	89320,550	-88946,960
1410+0,00	0,000	3,600	0,000	73,230	373,590	89393,780	-89020,190
1411+0,00	0,000	3,510	0,000	71,160	373,590	89464,940	-89091,350
1412+0,00	0,000	3,310	0,000	68,270	373,590	89533,210	-89159,620
1413+0,00	0,000	2,850	0,000	61,610	373,590	89594,820	-89221,230
1414+0,00	0,000	3,630	0,000	64,840	373,590	89659,660	-89286,070
1415+0,00	0,000	3,830	0,000	74,670	373,590	89734,330	-89360,740
1416+0,00	0,000	3,970	0,000	78,010	373,590	89812,340	-89438,750
1417+0,00	0,000	3,620	0,000	75,860	373,590	89888,200	-89514,610
1418+0,00	0,000	3,210	0,000	68,240	373,590	89956,440	-89582,850
1419+0,00	0,000	3,140	0,000	63,500	373,590	90019,940	-89646,350

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1420+0,00	0,000	2,680	0,000	58,270	373,590	90078,210	-89704,620
1421+0,00	0,000	2,590	0,000	52,690	373,590	90130,900	-89757,310
1422+0,00	0,000	3,250	0,000	58,330	373,590	90189,230	-89815,640
1423+0,00	0,000	2,890	0,000	61,380	373,590	90250,610	-89877,020
1424+0,00	0,000	2,980	0,000	58,680	373,590	90309,290	-89935,700
1425+0,00	0,000	3,230	0,000	62,010	373,590	90371,300	-89997,710
1426+0,00	0,000	2,790	0,000	60,250	373,590	90431,550	-90057,960
1427+0,00	0,000	2,470	0,000	52,570	373,590	90484,120	-90110,530
1428+0,00	0,590	0,130	5,880	25,940	379,470	90510,060	-90130,590

Osvaldo Leão[illegible] Silva Filho
Diretor da Unidade de Programas,
Projetos e Obras - UPPO
Secretaria [illegible]

14.4 TRECHO IV

Rua Acésio do Rêgo Monteiro, nº 1515
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Nota de Serviço Tabela

MUNICÍPIO DE DOM INOCENCIO AO POVOADO SANTA TERESA 0+0.000 3051+15.000

Lado Esquerdo						Eixo				Lado Direito					
Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)	Estaca	Cota Projeto	Cota Terreno	Cota Vermelha	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)
			-4.000	400.985	-2.00	0+0.000	401.065	401.065	0.000	4.000	400.985	-2.00			
-4.021	401.106	66.67	-4.000	401.092	-2.00	1+0.000	401.172	400.901	0.271	4.000	401.092	-2.00	4.273	400.683	-150.00
-4.143	400.984	-150.00	-4.000	401.199	-2.00	2+0.000	401.279	400.797	0.482	4.000	401.199	-2.00	4.401	400.598	-150.00
-4.216	400.983	-150.00	-4.000	401.306	-2.00	3+0.000	401.386	400.789	0.597	4.000	401.306	-2.00	4.498	400.560	-150.00
-4.319	400.934	-150.00	-4.000	401.413	-2.00	4+0.000	401.493	400.786	0.707	4.000	401.413	-2.00	4.522	400.631	-150.00
-4.414	400.900	-150.00	-4.000	401.520	-2.00	5+0.000	401.600	400.764	0.837	4.000	401.520	-2.00	4.581	400.649	-150.00
-4.306	401.169	-150.00	-4.000	401.627	-2.00	6+0.000	401.707	401.061	0.647	4.000	401.627	-2.00	4.452	400.949	-150.00
-4.203	401.430	-150.00	-4.000	401.734	-2.00	7+0.000	401.814	401.330	0.484	4.000	401.734	-2.00	4.333	401.234	-150.00
-4.221	401.632	-150.00	-4.000	401.964	-2.00	8+0.000	402.044	401.544	0.499	4.000	401.964	-2.00	4.340	401.454	-150.00
-4.219	401.888	-150.00	-4.000	402.216	-2.00	9+0.000	402.296	401.810	0.486	4.000	402.216	-2.00	4.323	401.731	-150.00
-4.253	402.076	-150.00	-4.000	402.456	-2.00	10+0.000	402.536	402.083	0.453	4.000	402.456	-2.00	4.282	402.033	-150.00
-4.310	402.153	-150.00	-4.000	402.617	-2.00	11+0.000	402.697	402.125	0.572	4.000	402.617	-2.00	4.365	402.070	-150.00
-4.405	402.172	-150.00	-4.000	402.779	-2.00	12+0.000	402.859	402.132	0.728	4.000	402.779	-2.00	4.451	402.103	-150.00
-4.384	402.364	-150.00	-4.000	402.941	-2.00	13+0.000	403.021	402.350	0.671	4.000	402.941	-2.00	4.413	402.321	-150.00
-4.368	402.551	-150.00	-4.000	403.103	-2.00	14+0.000	403.183	402.543	0.640	4.000	403.103	-2.00	4.368	402.551	-150.00
-4.331	402.768	-150.00	-4.000	403.265	-2.00	15+0.000	403.345	402.790	0.555	4.000	403.265	-2.00	4.296	402.820	-150.00
-4.272	403.018	-150.00	-4.000	403.426	-2.00	16+0.000	403.506	403.042	0.464	4.000	403.426	-2.00	4.238	403.069	-150.00
-4.206	403.280	-150.00	-4.000	403.588	-2.00	17+0.000	403.668	403.298	0.370	4.000	403.588	-2.00	4.181	403.316	-150.00
-4.229	403.407	-150.00	-4.000	403.750	-2.00	18+0.000	403.830	403.404	0.426	4.000	403.750	-2.00	4.209	403.436	-150.00
-4.286	403.483	-150.00	-4.000	403.912	-2.00	19+0.000	403.992	403.540	0.452	4.000	403.912	-2.00	4.211	403.596	-150.00
-4.269	403.714	-150.00	-4.000	404.118	-2.00	20+0.000	404.198	403.747	0.451	4.000	404.118	-2.00	4.226	403.779	-150.00
-4.305	403.961	-150.00	-4.000	404.419	-2.00	21+0.000	404.499	404.000	0.499	4.000	404.419	-2.00	4.253	404.038	-150.00
-4.317	404.247	-150.00	-4.000	404.722	-2.00	22+0.000	404.802	404.286	0.516	4.000	404.722	-2.00	4.236	404.367	-150.00
-4.338	404.518	-150.00	-4.000	405.025	-2.00	23+0.000	405.105	404.603	0.502	4.000	405.025	-2.00	4.227	404.685	-150.00
-4.344	404.812	-150.00	-4.000	405.328	-2.00	24+0.000	405.408	404.897	0.511	4.000	405.328	-2.00	4.232	404.980	-150.00
-4.344	405.116	-150.00	-4.000	405.632	-2.00	25+0.000	405.712	405.203	0.509	4.000	405.632	-2.00	4.229	405.287	-150.00
-4.334	405.434	-150.00	-4.000	405.935	-2.00	26+0.000	406.015	405.507	0.508	4.000	405.935	-2.00	4.236	405.580	-150.00
-4.324	405.752	-150.00	-4.000	406.238	-2.00	27+0.000	406.318	405.822	0.496	4.000	406.238	-2.00	4.232	405.890	-150.00
-4.315	406.068	-150.00	-4.000	406.541	-2.00	28+0.000	406.621	406.139	0.482	4.000	406.541	-2.00	4.222	406.209	-150.00
-4.298	406.398	-150.00	-4.000	406.845	-2.00	29+0.000	406.925	406.461	0.464	4.000	406.845	-2.00	4.214	406.523	-150.00
-4.276	406.734	-150.00	-4.000	407.148	-2.00	30+0.000	407.228	406.774	0.454	4.000	407.148	-2.00	4.223	406.813	-150.00
-4.274	407.038	-150.00	-4.000	407.449	-2.00	31+0.000	407.529	407.078	0.452	4.000	407.449	-2.00	4.236	407.095	-150.00
-4.261	407.116	-150.00	-4.000	407.508	-2.00	32+0.000	407.588	407.125	0.464	4.000	407.508	-2.00	4.250	407.133	-150.00
-4.324	407.111	-150.00	-4.000	407.597	-2.00	33+0.000	407.677	407.128	0.550	4.000	407.597	-2.00	4.297	407.152	-150.00
-4.480	407.026	-150.00	-4.000	407.746	-2.00	34+0.000	407.826	407.039	0.787	4.000	407.746	-2.00	4.463	407.051	-150.00
-4.601	406.992	-150.00	-4.000	407.894	-2.00	35+0.000	407.974	407.015	0.959	4.000	407.894	-2.00	4.580	407.024	-150.00
-4.711	406.975	-150.00	-4.000	408.042	-2.00	36+0.000	408.122	406.941	1.181	4.000	408.042	-2.00	4.751	406.916	-150.00
-4.678	407.174	-150.00	-4.000	408.191	-2.00	37+0.000	408.271	407.140	1.130	4.000	408.191	-2.00	4.723	407.107	-150.00
-4.635	407.386	-150.00	-4.000	408.339	-2.00	38+0.000	408.419	407.308	1.111	4.000	408.339	-2.00	4.740	407.229	-150.00
-4.582	407.614	-150.00	-4.000	408.487	-2.00	39+0.000	408.567	407.528	1.040	4.000	408.487	-2.00	4.711	407.420	-150.00
-4.464	407.939	-150.00	-4.000	408.636	-2.00	40+0.000	408.716	407.830	0.886	4.000	408.636	-2.00	4.606	407.727	-150.00
-4.361	408.243	-150.00	-4.000	408.784	-2.00	41+0.000	408.864	408.143	0.721	4.000	408.784	-2.00	4.516	408.010	-150.00
-4.241	408.571	-150.00	-4.000	408.933	-2.00	42+0.000	409.013	408.478	0.535	4.000	408.933	-2.00	4.390	408.347	-150.00
-4.209	408.806	-150.00	-4.000	409.119	-2.00	43+0.000	409.199	408.744	0.455	4.000	409.119	-2.00	4.312	408.652	-150.00
-4.231	408.863	-150.00	-4.000	409.209	-2.00	44+0.000	409.289	408.806	0.483	4.000	409.209	-2.00	4.283	408.784	-150.00
-4.244	408.687	-150.00	-4.000	409.054	-2.00	45+0.000	409.134	408.660	0.474	4.000	409.054	-2.00	4.281	408.633	-150.00
-4.268	408.292	-150.00	-4.000	408.694	-2.00	46+0.000	408.774	408.243	0.531	4.000	408.694	-2.00	4.311	408.228	-150.00
-4.300	407.863	-150.00	-4.000	408.312	-2.00	47+0.000	408.392	407.855	0.537	4.000	408.312	-2.00	4.310	407.848	-150.00
-4.242	407.567	-150.00	-4.000	407.930	-2.00	48+0.000	408.010	407.554	0.456	4.000	407.930	-2.00	4.261	407.539	-150.00
-4.183	407.449	-150.00	-4.000	407.724	-2.00	49+0.000	407.804	407.342	0.462	4.000	407.724	-2.00	4.308	407.261	-150.00
-4.402	407.342	-150.00	-4.000	407.945	-2.00	50+0.000	408.025	407.232	0.793	4.000	407.945	-2.00	4.542	407.132	-150.00
-4.448	407.646	-150.00	-4.000	408.318	-2.00	51+0.000	408.398	407.558	0.840	4.000	408.318	-2.00	4.567	407.467	-150.00
-4.444	408.025	-150.00	-4.000	408.691	-2.00	52+0.000	408.771	407.943	0.828	4.000	408.691	-2.00	4.554	407.859	-150.00
-4.387	408.484	-150.00	-4.000	409.064	-2.00	53+0.000	409.144	408.427	0.716	4.000	409.064	-2.00	4.462	408.370	-150.00
-4.288	409.005	-150.00	-4.000	409.437	-2.00	54+0.000	409.517	408.949	0.568	4.000	409.437	-2.00	4.363	408.893	-150.00
-4.228	409.468	-150.00	-4.000	409.810	-2.00	55+0.000	409.890	409.438	0.452	4.000	409.810	-2.00	4.277	409.395	-150.00
-4.236	409.841	-150.00	-4.000	410.196	-2.00	56+0.000	410.276	409.816	0.460	4.000	410.196	-2.00	4.270	409.791	-150.00
-4.227	410.066	-150.00	-4.000	410.407	-2.00	57+0.000	410.487	410.075	0.411	4.000	410.407	-2.00	4.210	410.091	-150.00
-4.023	410.326	-150.00	-4.000	410.361	-2.00	58+0.000	410.441	410.323	0.117	4.000	410.361	-2.00	4.026	410.321	-150.00
-4.057	410.215	-150.00	-4.000	410.300	-2.00	59+0.000	410.380	410.334	0.046	4.000	410.300	-2.00	4.237	410.458	66.67
-4.005	410.243	66.67	-4.000	410.240	-2.00	60+0.000	410.320	410.341	-0.021	4.000	410.240	-2.00	4.308	410.445	66.67
-4.089	410.046	-150.00	-4.000	410.179	-2.00	61+0.000	410.259	410.237	0.023	4.000	410.179	-2.00	4.384	410.435	66.67
-4.188	409.837	-150.00	-4.000	410.119	-2.00	62+0.000	410.199	410.034	0.164	4.000	410.119	-2.00	4.196	410.250	66.67
-4.281	409.636	-150.00	-4.000	410.058	-2.00	63+0.000	410.138	409.824	0.314	4.000	410.058	-2.00	4.034	410.007	-150.00
-4.375	409.436	-150.00	-4.000	409.998	-2.00	64+0.000	410.078	409.628	0.450	4.000	409.998	-2.00	4.126	409.809	-150.00
-4.373	409.660	-150.00	-4.000	410.219	-2.00	65+0.000	410.299	409.868	0.430	4.000	410.219	-2.00	4.103	410.064	-150.00
-4.391	409.992	-150.00	-4.000	410.578	-2.00	66+0.000	410.658	410.195	0.463	4.000	410.578	-2.00	4.128	410.387	-150.00
-4.562	410.411	-150.00	-4.000	411.254	-2.00	67+0.000	411.334	410.614	0.720	4.000	411.254	-2.00	4.299	410.805	-150.00
-4.467	411.296	-150.00	-4.000	411.997	-2.00	68+0.000	412.077	411.511	0.567	4.000	411.997	-2.00	4.204	411.692	-150.00
-4.371	412.185	-150.00	-4.000	412.741	-2.00	69+0.000	412.821	412.257	0.563	4.000	412.741	-2.00	4.275	412.329	-150.00
-4.273	413.071	-150.00	-4.000	413.480	-2.00	70+0.000	413.560	413.104	0.456	4.000	413.480	-2.00	4.239	413.122	-150.00
-4.251	413.612	-150.00	-4.000	413.988	-2.00	71+0.000	414.068	413.614	0.454	4.000	413.988	-2.00	4.248	413.615	-150.00
-4.250	413.946	-150.00	-4.000	414.321	-2.00	72+0.000	414.401	413.944	0.457	4.000	414.321	-2.00	4.253	413.942	-150.00
-4.261	413.979	-150.00	-4.000	414.371	-2.00	73+0.000	414.451	413.986	0.465	4.000	414.371	-2.00	4.252	413.992	-150.00
-4.309	413.887	-150.00	-4.000	414.350	-2.00	74+0.000	414.430	413.935	0.495	4.000	414.350	-2.00	4.244	413.984	-150.00

Gerência Executiva
Departamento
Projetos e Obras
Secretaria

-4.281	413.864	-150.00	-4.000	414.286	-2.00	75+0.000	414.366	413.918	0.448	4.000	414.286	-2.00	4.217	413.961	-150.00
-4.290	413.728	-150.00	-4.000	414.163	-2.00	76+0.000	414.243	413.773	0.471	4.000	414.163	-2.00	4.236	413.810	-150.00
-4.301	413.580	-150.00	-4.000	414.031	-2.00	77+0.000	414.111	413.623	0.487	4.000	414.031	-2.00	4.243	413.666	-150.00
-4.323	413.414	-150.00	-4.000	413.898	-2.00	78+0.000	413.978	413.451	0.527	4.000	413.898	-2.00	4.273	413.488	-150.00
-4.261	413.374	-150.00	-4.000	413.765	-2.00	79+0.000	413.845	413.393	0.453	4.000	413.765	-2.00	4.242	413.402	-150.00
-4.264	413.235	-150.00	-4.000	413.631	-2.00	80+0.000	413.711	413.241	0.470	4.000	413.631	-2.00	4.256	413.247	-150.00
-4.230	413.168	-150.00	-4.000	413.513	-2.00	81+0.000	413.593	413.150	0.443	4.000	413.513	-2.00	4.246	413.144	-150.00
-4.213	413.264	-150.00	-4.000	413.583	-2.00	82+0.000	413.663	413.227	0.436	4.000	413.583	-2.00	4.243	413.218	-150.00
-4.230	413.371	-150.00	-4.000	413.715	-2.00	83+0.000	413.795	413.350	0.445	4.000	413.715	-2.00	4.224	413.379	-150.00
-4.243	413.523	-150.00	-4.000	413.888	-2.00	84+0.000	413.968	413.551	0.416	4.000	413.888	-2.00	4.222	413.554	-150.00
-4.248	413.688	-150.00	-4.000	414.060	-2.00	85+0.000	414.140	413.668	0.472	4.000	414.060	-2.00	4.275	413.648	-150.00
-4.319	413.753	-150.00	-4.000	414.232	-2.00	86+0.000	414.312	413.663	0.649	4.000	414.232	-2.00	4.440	413.572	-150.00
-4.219	414.076	-150.00	-4.000	414.404	-2.00	87+0.000	414.484	413.980	0.505	4.000	414.404	-2.00	4.349	413.881	-150.00
-4.194	414.250	-150.00	-4.000	414.540	-2.00	88+0.000	414.620	414.181	0.439	4.000	414.540	-2.00	4.285	414.112	-150.00
-4.120	414.441	-150.00	-4.000	414.620	-2.00	89+0.000	414.700	414.374	0.326	4.000	414.620	-2.00	4.233	414.271	-150.00
-4.185	414.422	-150.00	-4.000	414.700	-2.00	90+0.000	414.780	414.340	0.440	4.000	414.700	-2.00	4.317	414.224	-150.00
-4.128	414.398	-150.00	-4.000	414.590	-2.00	91+0.000	414.670	414.237	0.433	4.000	414.590	-2.00	4.346	414.071	-150.00
-4.045	414.119	-150.00	-4.000	414.186	-2.00	92+0.000	414.266	413.943	0.323	4.000	414.186	-2.00	4.287	413.756	-150.00
-4.016	413.758	-150.00	-4.000	413.782	-2.00	93+0.000	413.862	413.566	0.296	4.000	413.782	-2.00	4.278	413.365	-150.00
-4.053	413.299	-150.00	-4.000	413.378	-2.00	94+0.000	413.458	413.182	0.276	4.000	413.378	-2.00	4.205	413.071	-150.00
-4.122	412.791	-150.00	-4.000	412.974	-2.00	95+0.000	413.054	412.668	0.386	4.000	412.974	-2.00	4.271	412.567	-150.00
-4.167	412.331	-150.00	-4.000	412.581	-2.00	96+0.000	412.661	412.216	0.446	4.000	412.581	-2.00	4.303	412.127	-150.00
-4.172	412.000	-150.00	-4.000	412.258	-2.00	97+0.000	412.338	411.917	0.421	4.000	412.258	-2.00	4.285	411.831	-150.00
-4.249	412.044	-150.00	-4.000	412.418	-2.00	98+0.000	412.498	411.991	0.507	4.000	412.418	-2.00	4.321	411.937	-150.00
-4.308	412.234	-150.00	-4.000	412.696	-2.00	99+0.000	412.776	412.190	0.587	4.000	412.696	-2.00	4.369	412.143	-150.00
-4.247	412.604	-150.00	-4.000	412.975	-2.00	100+0.000	413.055	412.571	0.484	4.000	412.975	-2.00	4.295	412.533	-150.00
-4.225	412.859	-150.00	-4.000	413.196	-2.00	101+0.000	413.276	412.836	0.440	4.000	413.196	-2.00	4.221	412.864	-150.00
-4.169	413.102	-150.00	-4.000	413.356	-2.00	102+0.000	413.436	413.130	0.306	4.000	413.356	-2.00	4.135	413.154	-150.00
-4.194	413.226	-150.00	-4.000	413.516	-2.00	103+0.000	413.596	413.233	0.363	4.000	413.516	-2.00	4.184	413.241	-150.00
-4.304	413.221	-150.00	-4.000	413.677	-2.00	104+0.000	413.757	413.298	0.459	4.000	413.677	-2.00	4.250	413.301	-150.00
-4.361	413.295	-150.00	-4.000	413.837	-2.00	105+0.000	413.917	413.299	0.618	4.000	413.837	-2.00	4.356	413.302	-150.00
-4.367	413.446	-150.00	-4.000	413.997	-2.00	106+0.000	414.077	413.485	0.592	4.000	413.997	-2.00	4.316	413.523	-150.00
-4.257	413.799	-150.00	-4.000	414.184	-2.00	107+0.000	414.264	413.826	0.438	4.000	414.184	-2.00	4.225	413.846	-150.00
-4.335	414.339	-150.00	-4.000	414.842	-2.00	108+0.000	414.922	414.386	0.536	4.000	414.842	-2.00	4.274	414.431	-150.00
-4.384	415.003	-150.00	-4.000	415.580	-2.00	109+0.000	415.660	415.049	0.610	4.000	415.580	-2.00	4.323	415.095	-150.00
-4.386	415.738	-150.00	-4.000	416.317	-2.00	110+0.000	416.397	415.784	0.613	4.000	416.317	-2.00	4.324	415.831	-150.00
-4.367	416.504	-150.00	-4.000	417.055	-2.00	111+0.000	417.135	416.518	0.617	4.000	417.055	-2.00	4.339	416.546	-150.00
-4.350	417.267	-150.00	-4.000	417.792	-2.00	112+0.000	417.872	417.281	0.591	4.000	417.792	-2.00	4.332	417.295	-150.00
-4.308	418.068	-150.00	-4.000	418.530	-2.00	113+0.000	418.610	418.087	0.523	4.000	418.530	-2.00	4.281	418.109	-150.00
-4.242	418.891	-150.00	-4.000	419.254	-2.00	114+0.000	419.334	418.882	0.453	4.000	419.254	-2.00	4.249	418.881	-150.00
-4.146	419.446	-150.00	-4.000	419.666	-2.00	115+0.000	419.746	419.422	0.324	4.000	419.666	-2.00	4.179	419.397	-150.00
-4.017	419.889	66.67	-4.000	419.877	-2.00	116+0.000	419.957	419.831	0.127	4.000	419.877	-2.00	4.070	419.772	-150.00
			-4.000	420.089	-2.00	117+0.000	420.169	420.115	0.054	4.000	420.089	-2.00	4.140	420.182	66.67
-4.049	420.333	66.67	-4.000	420.301	-2.00	118+0.000	420.381	420.366	0.015	4.000	420.301	-2.00	4.164	420.410	66.67
-4.049	420.545	66.67	-4.000	420.513	-2.00	119+0.000	420.593	420.567	0.026	4.000	420.513	-2.00	4.095	420.576	66.67
-4.132	420.527	-150.00	-4.000	420.724	-2.00	120+0.000	420.804	420.552	0.252	4.000	420.724	-2.00	4.083	420.599	-150.00
-4.277	420.521	-150.00	-4.000	420.936	-2.00	121+0.000	421.016	420.563	0.453	4.000	420.936	-2.00	4.221	420.605	-150.00
-4.483	420.423	-150.00	-4.000	421.148	-2.00	122+0.000	421.228	420.501	0.726	4.000	421.148	-2.00	4.385	420.570	-150.00
-4.598	420.463	-150.00	-4.000	421.360	-2.00	123+0.000	421.440	420.577	0.863	4.000	421.360	-2.00	4.423	420.725	-150.00
-4.614	420.651	-150.00	-4.000	421.571	-2.00	124+0.000	421.651	420.806	0.845	4.000	421.571	-2.00	4.411	420.954	-150.00
-4.580	420.913	-150.00	-4.000	421.783	-2.00	125+0.000	421.863	421.037	0.826	4.000	421.783	-2.00	4.398	421.185	-150.00
-4.499	421.246	-150.00	-4.000	421.995	-2.00	126+0.000	422.075	421.313	0.762	4.000	421.995	-2.00	4.355	421.461	-150.00
-4.485	421.480	-150.00	-4.000	422.206	-2.00	127+0.000	422.286	421.645	0.641	4.000	422.206	-2.00	4.269	421.803	-150.00
-4.422	421.785	-150.00	-4.000	422.418	-2.00	128+0.000	422.498	421.927	0.571	4.000	422.418	-2.00	4.236	422.064	-150.00
-4.294	422.189	-150.00	-4.000	422.630	-2.00	129+0.000	422.710	422.268	0.442	4.000	422.630	-2.00	4.168	422.378	-150.00
-4.301	422.189	-150.00	-4.000	422.641	-2.00	130+0.000	422.721	422.324	0.397	4.000	422.641	-2.00	4.125	422.454	-150.00
-4.253	422.249	-150.00	-4.000	422.628	-2.00	131+0.000	422.708	422.379	0.329	4.000	422.628	-2.00	4.082	422.505	-150.00
-4.325	422.129	-150.00	-4.000	422.615	-2.00	132+0.000	422.695	422.277	0.419	4.000	422.615	-2.00	4.131	422.418	-150.00
-4.406	421.778	-150.00	-4.000	422.387	-2.00	133+0.000	422.467	421.912	0.554	4.000	422.387	-2.00	4.230	422.041	-150.00
-4.545	421.241	-150.00	-4.000	422.059	-2.00	134+0.000	422.139	421.380	0.759	4.000	422.059	-2.00	4.364	421.513	-150.00
-4.431	421.084	-150.00	-4.000	421.731	-2.00	135+0.000	421.811	421.271	0.540	4.000	421.731	-2.00	4.193	421.442	-150.00
-4.261	421.182	-150.00	-4.000	421.574	-2.00	136+0.000	421.654	421.240	0.414	4.000	421.574	-2.00	4.130	421.380	-150.00
-1.223	421.733	66.67	-4.000	421.584	-2.00	137+0.000	421.664	421.746	-0.082	4.000	421.584	-2.00	4.264	421.760	66.67
-4.926	422.212	66.67	-4.000	421.595	-2.00	138+0.000	421.675	422.204	-0.529	4.000	421.595	-2.00	4.902	422.196	66.67
-5.443	422.567	66.67	-4.000	421.605	-2.00	139+0.000	421.685	422.548	-0.862	4.000	421.605	-2.00	5.309	422.478	66.67
-5.850	422.849	66.67	-4.000	421.616	-2.00	140+0.000	421.696	422.804	-1.108	4.000	421.616	-2.00	5.700	422.749	66.67
-6.174	423.076	66.67	-4.000	421.626	-2.00	141+0.000	421.706	423.040	-1.334	4.000	421.626	-2.00	6.093	423.022	66.67
-6.167	423.081	66.67	-4.000	421.637	-2.00	142+0.000	421.717	423.153	-1.436	4.000	421.637	-2.00	6.385	423.227	66.67
-5.462	422.622	66.67	-4.000	421.647	-2.00	143+0.000	421.727	422.765	-1.038	4.000	421.647	-2.00	5.814	422.856	66.67
-4.865	422.234	66.67	-4.000	421.657	-2.00	144+0.000	421.737	422.372	-0.634	4.000	421.657	-2.00	5.297	422.522	66.67
-4.267	421.846	66.67	-4.000	421.668	-2.00	145+0.000	421.748	421.967	-0.219	4.000	421.668	-2.00	4.657	422.106	66.67
-4.156	421.444	-150.00	-4.000	421.678	-2.00	146+0.000	421.758	421.587	0.171	4.000	421.678	-2.00	4.099	421.745	66.67
-4.346	421.170	-150.00	-4.000	421.689	-2.00	147+0.000	421.769	421.359	0.410	4.000	421.689	-2.00	4.101	421.538	-150.00
-4.468	420.971	-150.00	-4.000	421.673	-2.00	148+0.000	421.753	421.204	0.549	4.000	421.673	-2.00	4.168	421.422	-150.00
-4.352	421.086	-150.00	-4.000	421.614	-2.00	149+0.000	421.694	421.318	0.377	4.000	421.614	-2.00	4.039	421.556	-150.00
-4.286	421.127	-150.00	-4.000	421.556	-2.00	150+0.000	421.636	421.368	0.268	4.000	421.556	-2.00	4.046	421.586	66.67
-4.287	421.067	-150.00	-4.000	421.497	-2.00	151+0.000	421.577	421.308	0.269	4.000	421.497	-2.00	4.059	421.536	66.67
-4.299	420.991	-150.00	-4.000	421.439	-2.00	152+0.000	421.519	421.230	0.289	4.000	421.439	-2.00			
-4.269	420.895	-150.00	-4.000	421.299	-2.00	153+0.000	421.379	421.070	0.309	4.000	421.299	-2.00	4.042	421.236	-150.00
-4.437	420.430	-150.00	-4.000	421.086	-2.00	154+0.000	421.166	420.595	0.571	4.000	421.086	-2.00	4.223	420.752	-150.00
-4.643	419.908	-150.00	-4.000	420.873	-2.00	155+0.000	420.953	420.079	0.874	4.000	420.873	-2.00	4.422	420.240	-150.00

Osvaldo Leôncio da Silva Filho
Servidor Público
Matrícula
Secretaria da Casa Civil

-4.878	419.343	-150.00	-4.000	420.660	-2.00	156+0.000	420.740	419.511	1.229	4.000	420.660	-2.00	4.663	419.665	-150.00
-5.115	418.775	-150.00	-4.000	420.447	-2.00	157+0.000	420.527	418.907	1.621	4.000	420.447	-2.00	4.922	419.065	-150.00
-5.344	418.219	-150.00	-4.000	420.234	-2.00	158+0.000	420.314	418.365	1.950	4.000	420.234	-2.00	5.124	418.549	-150.00
-5.323	418.036	-150.00	-4.000	420.021	-2.00	159+0.000	420.101	418.223	1.878	4.000	420.021	-2.00	5.108	418.359	-150.00
-5.244	417.942	-150.00	-4.000	419.808	-2.00	160+0.000	419.888	418.119	1.770	4.000	419.808	-2.00	5.013	418.289	-150.00
-5.013	418.076	-150.00	-4.000	419.596	-2.00	161+0.000	419.676	418.232	1.444	4.000	419.596	-2.00	4.809	418.382	-150.00
-4.760	418.242	-150.00	-4.000	419.383	-2.00	162+0.000	419.463	418.398	1.064	4.000	419.383	-2.00	4.573	418.523	-150.00
-4.490	418.435	-150.00	-4.000	419.170	-2.00	163+0.000	419.250	418.545	0.705	4.000	419.170	-2.00	4.347	418.649	-150.00
-4.352	418.450	-150.00	-4.000	418.978	-2.00	164+0.000	419.058	418.583	0.474	4.000	418.978	-2.00	4.201	418.676	-150.00
-4.305	418.405	-150.00	-4.000	418.862	-2.00	165+0.000	418.942	418.542	0.400	4.000	418.862	-2.00	4.125	418.675	-150.00
-4.198	418.452	-150.00	-4.000	418.749	-2.00	166+0.000	418.829	418.593	0.236	4.000	418.749	-2.00	4.014	418.728	-150.00
-4.194	418.345	-150.00	-4.000	418.636	-2.00	167+0.000	418.716	418.456	0.261	4.000	418.636	-2.00	4.049	418.562	-150.00
-4.338	418.015	-150.00	-4.000	418.523	-2.00	168+0.000	418.603	418.166	0.437	4.000	418.523	-2.00	4.115	418.350	-150.00
-4.382	418.388	-150.00	-4.000	418.961	-2.00	169+0.000	419.041	418.520	0.521	4.000	418.961	-2.00	4.210	418.646	-150.00
-4.406	418.833	-150.00	-4.000	419.443	-2.00	170+0.000	419.523	418.979	0.544	4.000	419.443	-2.00	4.217	419.118	-150.00
-4.341	419.413	-150.00	-4.000	419.924	-2.00	171+0.000	420.004	419.541	0.463	4.000	419.924	-2.00	4.173	419.665	-150.00
-4.334	419.846	-150.00	-4.000	420.348	-2.00	172+0.000	420.428	419.964	0.464	4.000	420.348	-2.00	4.181	420.077	-150.00
-4.304	420.195	-150.00	-4.000	420.650	-2.00	173+0.000	420.730	420.277	0.453	4.000	420.650	-2.00	4.201	420.350	-150.00
-4.243	419.887	-150.00	-4.000	420.251	-2.00	174+0.000	420.331	419.991	0.340	4.000	420.251	-2.00	4.106	420.092	-150.00
-4.229	419.498	-150.00	-4.000	419.842	-2.00	175+0.000	419.922	419.585	0.337	4.000	419.842	-2.00	4.113	419.673	-150.00
-4.304	418.976	-150.00	-4.000	419.432	-2.00	176+0.000	419.512	419.076	0.436	4.000	419.432	-2.00	4.173	419.173	-150.00
-4.327	418.541	-150.00	-4.000	419.032	-2.00	177+0.000	419.112	418.647	0.464	4.000	419.032	-2.00	4.188	418.750	-150.00
-4.372	418.093	-150.00	-4.000	418.651	-2.00	178+0.000	418.731	418.249	0.482	4.000	418.651	-2.00	4.225	418.313	-150.00
-4.383	417.694	-150.00	-4.000	418.268	-2.00	179+0.000	418.348	417.850	0.498	4.000	418.268	-2.00	4.179	418.000	-150.00
-4.236	417.372	-150.00	-4.000	417.727	-2.00	180+0.000	417.807	417.531	0.275	4.000	417.727	-2.00	4.029	417.683	-150.00
-4.054	417.146	66.67	-4.000	417.111	-2.00	181+0.000	417.191	417.258	-0.068	4.000	417.111	-2.00	4.404	417.380	66.67
-4.036	416.441	-150.00	-4.000	416.495	-2.00	182+0.000	416.575	416.552	0.022	4.000	416.495	-2.00	4.291	416.688	66.67
-4.099	415.730	-150.00	-4.000	415.879	-2.00	183+0.000	415.959	415.798	0.161	4.000	415.879	-2.00	4.008	415.867	-150.00
-4.182	414.990	-150.00	-4.000	415.263	-2.00	184+0.000	415.343	415.060	0.283	4.000	415.263	-2.00	4.090	415.128	-150.00
-4.256	414.262	-150.00	-4.000	414.647	-2.00	185+0.000	414.727	414.288	0.438	4.000	414.647	-2.00	4.221	414.314	-150.00
-4.231	413.833	-150.00	-4.000	414.180	-2.00	186+0.000	414.260	413.815	0.445	4.000	414.180	-2.00	4.255	413.797	-150.00
-4.291	413.476	-150.00	-4.000	413.913	-2.00	187+0.000	413.993	413.518	0.475	4.000	413.913	-2.00	4.236	413.559	-150.00
-4.364	413.595	-150.00	-4.000	414.141	-2.00	188+0.000	414.221	413.609	0.612	4.000	414.141	-2.00	4.352	413.614	-150.00
-4.394	413.817	-150.00	-4.000	414.408	-2.00	189+0.000	414.488	413.776	0.711	4.000	414.408	-2.00	4.417	413.783	-150.00
-4.243	414.472	-150.00	-4.000	414.836	-2.00	190+0.000	414.916	414.471	0.445	4.000	414.836	-2.00	4.164	414.590	-150.00
-4.410	415.064	-150.00	-4.000	415.680	-2.00	191+0.000	415.760	415.307	0.453	4.000	415.680	-2.00	4.159	415.442	-150.00
-4.340	415.519	-150.00	-4.000	416.030	-2.00	192+0.000	416.110	415.763	0.346	4.000	416.030	-2.00	4.027	415.990	-150.00
-4.245	415.970	-150.00	-4.000	416.337	-2.00	193+0.000	416.417	416.209	0.208	4.000	416.337	-2.00	4.159	416.443	66.67
-4.192	416.357	-150.00	-4.000	416.645	-2.00	194+0.000	416.725	416.616	0.109	4.000	416.645	-2.00	4.360	416.885	66.67
-4.355	416.358	-150.00	-4.000	416.890	-2.00	195+0.000	416.970	416.609	0.361	4.000	416.890	-2.00	4.042	416.828	-150.00
-4.420	416.180	-150.00	-4.000	416.811	-2.00	196+0.000	416.891	416.448	0.443	4.000	416.811	-2.00	4.078	416.694	-150.00
-4.422	415.745	-150.00	-4.000	416.378	-2.00	197+0.000	416.458	415.993	0.465	4.000	416.378	-2.00	4.104	416.222	-150.00
-4.413	415.022	-150.00	-4.000	415.642	-2.00	198+0.000	415.722	415.288	0.434	4.000	415.642	-2.00	4.072	415.534	-150.00
-4.338	414.363	-150.00	-4.000	414.870	-2.00	199+0.000	414.950	414.503	0.447	4.000	414.870	-2.00	4.135	414.668	-150.00
-4.445	413.926	-150.00	-4.000	414.594	-2.00	200+0.000	414.674	414.147	0.527	4.000	414.594	-2.00	4.145	414.376	-150.00
-4.418	413.907	-150.00	-4.000	414.533	-2.00	201+0.000	414.613	414.169	0.444	4.000	414.533	-2.00	4.081	414.411	-150.00
-4.411	414.279	-150.00	-4.000	414.896	-2.00	202+0.000	414.976	414.547	0.429	4.000	414.896	-2.00	4.069	414.793	-150.00
-4.358	414.639	-150.00	-4.000	415.176	-2.00	203+0.000	415.256	414.901	0.355	4.000	415.176	-2.00	4.022	415.143	-150.00
-4.159	415.036	-150.00	-4.000	415.274	-2.00	204+0.000	415.354	415.283	0.071	4.000	415.274	-2.00	4.406	415.544	66.67
-4.132	415.452	66.67	-4.000	415.364	-2.00	205+0.000	415.444	415.646	-0.202	4.000	415.364	-2.00	4.759	415.870	66.67
-4.151	415.555	66.67	-4.000	415.454	-2.00	206+0.000	415.534	415.731	-0.197	4.000	415.454	-2.00	4.716	415.931	66.67
-4.065	415.447	-150.00	-4.000	415.545	-2.00	207+0.000	415.625	415.567	0.057	4.000	415.545	-2.00	4.222	415.693	66.67
-4.218	415.308	-150.00	-4.000	415.635	-2.00	208+0.000	415.715	415.420	0.295	4.000	415.635	-2.00	4.059	415.546	-150.00
-4.292	415.289	-150.00	-4.000	415.727	-2.00	209+0.000	415.807	415.353	0.454	4.000	415.727	-2.00	4.198	415.430	-150.00
-4.510	415.324	-150.00	-4.000	416.089	-2.00	210+0.000	416.169	415.391	0.778	4.000	416.089	-2.00	4.421	415.457	-150.00
-4.588	415.717	-150.00	-4.000	416.599	-2.00	211+0.000	416.679	415.812	0.868	4.000	416.599	-2.00	4.464	415.903	-150.00
-4.566	416.260	-150.00	-4.000	417.110	-2.00	212+0.000	417.190	416.364	0.826	4.000	417.110	-2.00	4.430	416.465	-150.00
-4.444	416.955	-150.00	-4.000	417.620	-2.00	213+0.000	417.700	417.053	0.647	4.000	417.620	-2.00	4.315	417.148	-150.00
-4.341	417.620	-150.00	-4.000	418.131	-2.00	214+0.000	418.211	417.713	0.498	4.000	418.131	-2.00	4.218	417.803	-150.00
-4.293	418.303	-150.00	-4.000	418.742	-2.00	215+0.000	418.822	418.377	0.446	4.000	418.742	-2.00	4.157	418.507	-150.00
-4.314	419.053	-150.00	-4.000	419.523	-2.00	216+0.000	419.603	419.140	0.463	4.000	419.523	-2.00	4.199	419.225	-150.00
-4.305	419.701	-150.00	-4.000	420.159	-2.00	217+0.000	420.239	419.787	0.452	4.000	420.159	-2.00	4.182	419.886	-150.00
-4.085	420.278	-150.00	-4.000	420.406	-2.00	218+0.000	420.486	420.374	0.112	4.000	420.406	-2.00	4.092	420.467	66.67
-4.005	420.481	-150.00	-4.000	420.489	-2.00	219+0.000	420.569	420.551	0.017	4.000	420.489	-2.00	4.196	420.619	66.67
-4.091	420.436	-150.00	-4.000	420.571	-2.00	220+0.000	420.651	420.480	0.171	4.000	420.571	-2.00	4.032	420.524	-150.00
-4.317	420.064	-150.00	-4.000	420.540	-2.00	221+0.000	420.620	420.152	0.467	4.000	420.540	-2.00	4.180	420.270	-150.00
-4.322	419.592	-150.00	-4.000	420.075	-2.00	222+0.000	420.155	419.700	0.455	4.000	420.075	-2.00	4.181	419.803	-150.00
-4.339	419.098	-150.00	-4.000	419.606	-2.00	223+0.000	419.686	419.240	0.446	4.000	419.606	-2.00	4.146	419.386	-150.00
-4.346	418.772	-150.00	-4.000	419.290	-2.00	224+0.000	419.370	418.925	0.445	4.000	419.290	-2.00	4.146	419.071	-150.00
-4.373	418.775	-150.00	-4.000	419.335	-2.00	225+0.000	419.415	418.935	0.480	4.000	419.335	-2.00	4.166	419.086	-150.00
-4.507	418.913	-150.00	-4.000	419.674	-2.00	226+0.000	419.754	419.090	0.664	4.000	419.674	-2.00	4.278	419.258	-150.00
-4.462	419.321	-150.00	-4.000	420.014	-2.00	227+0.000	420.094	419.478	0.616	4.000	420.014	-2.00	4.258	419.627	-150.00
-4.426	419.715	-150.00	-4.000	420.354	-2.00	228+0.000	420.434	419.874	0.560	4.000	420.354	-2.00	4.219	420.025	-150.00
-4.364	420.147	-150.00	-4.000	420.693	-2.00	229+0.000	420.773	420.320	0.453	4.000	420.693	-2.00	4.139	420.485	-150.00
-4.370	420.473	-150.00	-4.000	421.027	-2.00	230+0.000	421.107	420.648	0.459	4.000	421.027	-2.00	4.143	420.813	-150.00
-4.341	420.573	-150.00	-4.000	421.085	-2.00	231+0.000	421.165	420.797	0.368	4.000	421.085	-2.00	4.057	421.000	-150.00
-4.105	420.438	66.67	-4.000	420.368	-2.00	232+0.000	420.448	420.643	-0.195	4.000	420.368	-2.00	4.771	420.882	66.67
-4.056	419.659	66.67	-4.000	419.622	-2.00	233+0.000	419.702	419.800	-0.098	4.000	419.622	-2.00	4.643	420.051	66.67
-4.085	418.749	-150.00	-4.000	418.876	-2.00	234+0.000	418.956	418.948	0.008	4.000	418.876	-2.00	4.430	419.163	66.67
-4.262	417.738	-150.00	-4.000	418.131	-2.00	235+0.000	418.211	417.849	0.362	4.000	418.131	-2.00	4.100	417.980	-150.00
-4.336	416.903	-150.00	-4.000	417.408	-2.00	236+0.000	417.488	417.039	0.449	4.000	417.408	-2.00	4.234	417.057	-150.00

Osvaldo Leão
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Projetos e Obr
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-4.520	416.105	-150.00	-4.000	416.885	-2.00	237+0.000	416.965	416.109	0.856	4.000	416.885	-2.00	4.515	416.113	-150.00
-4.380	415.812	-150.00	-4.000	416.382	-2.00	238+0.000	416.462	415.891	0.571	4.000	416.382	-2.00	4.275	415.969	-150.00
-4.295	415.985	-150.00	-4.000	416.427	-2.00	239+0.000	416.507	416.105	0.402	4.000	416.427	-2.00	4.165	416.179	-150.00
-4.297	417.333	-150.00	-4.000	417.778	-2.00	240+0.000	417.858	417.355	0.503	4.000	417.778	-2.00	4.268	417.377	-150.00
-4.267	418.739	-150.00	-4.000	419.139	-2.00	241+0.000	419.219	418.773	0.446	4.000	419.139	-2.00	4.216	418.815	-150.00
-4.144	420.284	-150.00	-4.000	420.500	-2.00	242+0.000	420.580	420.299	0.280	4.000	420.500	-2.00	4.123	420.315	-150.00
-4.240	421.501	-150.00	-4.000	421.861	-2.00	243+0.000	421.941	421.516	0.425	4.000	421.861	-2.00	4.224	421.525	-150.00
-4.219	422.028	-150.00	-4.000	422.357	-2.00	244+0.000	422.437	421.987	0.450	4.000	422.357	-2.00	4.274	421.946	-150.00
-4.121	421.822	-150.00	-4.000	422.004	-2.00	245+0.000	422.084	421.909	0.175	4.000	422.004	-2.00	4.007	421.993	-150.00
-4.120	421.471	-150.00	-4.000	421.651	-2.00	246+0.000	421.731	421.549	0.183	4.000	421.651	-2.00	4.020	421.621	-150.00
-4.229	420.954	-150.00	-4.000	421.298	-2.00	247+0.000	421.378	421.140	0.238	4.000	421.298	-2.00	4.028	421.257	-150.00
-4.397	420.362	-150.00	-4.000	420.957	-2.00	248+0.000	421.037	420.614	0.423	4.000	420.957	-2.00	4.106	420.798	-150.00
-4.467	420.407	-150.00	-4.000	421.107	-2.00	249+0.000	421.187	420.746	0.442	4.000	421.107	-2.00	4.097	420.963	-150.00
-4.477	420.769	-150.00	-4.000	421.484	-2.00	250+0.000	421.564	421.124	0.441	4.000	421.484	-2.00	4.059	421.395	-150.00
-4.443	421.373	-150.00	-4.000	422.039	-2.00	251+0.000	422.119	421.672	0.447	4.000	422.039	-2.00	4.049	421.966	-150.00
-4.464	422.294	-150.00	-4.000	422.989	-2.00	252+0.000	423.069	422.618	0.451	4.000	422.989	-2.00	4.051	422.913	-150.00
-4.477	423.194	-150.00	-4.000	423.909	-2.00	253+0.000	423.989	423.524	0.465	4.000	423.909	-2.00	4.057	423.822	-150.00
-4.491	424.052	-150.00	-4.000	424.789	-2.00	254+0.000	424.869	424.408	0.461	4.000	424.789	-2.00	4.040	424.729	-150.00
-4.532	424.872	-150.00	-4.000	425.670	-2.00	255+0.000	425.750	425.260	0.491	4.000	425.670	-2.00	4.041	425.609	-150.00
-4.508	425.789	-150.00	-4.000	426.551	-2.00	256+0.000	426.631	426.181	0.450	4.000	426.551	-2.00	4.014	426.530	-150.00
-4.504	426.636	-150.00	-4.000	427.393	-2.00	257+0.000	427.473	427.048	0.424	4.000	427.393	-2.00			
-4.629	427.096	-150.00	-4.000	428.040	-2.00	258+0.000	428.120	427.640	0.479	4.000	428.040	-2.00	4.024	428.003	-150.00
-4.584	427.266	-150.00	-4.000	428.141	-2.00	259+0.000	428.221	427.791	0.430	4.000	428.141	-2.00	4.065	428.184	66.67
-4.638	426.728	-150.00	-4.000	427.685	-2.00	260+0.000	427.765	427.274	0.491	4.000	427.685	-2.00	4.006	427.676	-150.00
-4.552	425.970	-150.00	-4.000	426.798	-2.00	261+0.000	426.878	426.438	0.440	4.000	426.798	-2.00	4.089	426.858	66.67
-4.438	424.910	-150.00	-4.000	425.567	-2.00	262+0.000	425.647	425.366	0.281	4.000	425.567	-2.00	4.372	425.815	66.67
-4.328	423.844	-150.00	-4.000	424.335	-2.00	263+0.000	424.415	424.206	0.209	4.000	424.335	-2.00	4.353	424.571	66.67
-4.319	422.626	-150.00	-4.000	423.104	-2.00	264+0.000	423.184	422.995	0.189	4.000	423.104	-2.00	4.401	423.371	66.67
-4.281	421.451	-150.00	-4.000	421.873	-2.00	265+0.000	421.953	421.746	0.207	4.000	421.873	-2.00	4.248	422.038	66.67
-4.305	420.184	-150.00	-4.000	420.641	-2.00	266+0.000	420.721	420.359	0.362	4.000	420.641	-2.00	4.077	420.526	-150.00
-4.333	419.055	-150.00	-4.000	419.555	-2.00	267+0.000	419.635	419.170	0.465	4.000	419.555	-2.00	4.155	419.322	-150.00
-4.348	418.536	-150.00	-4.000	419.058	-2.00	268+0.000	419.138	418.686	0.452	4.000	419.058	-2.00	4.151	418.832	-150.00
-4.317	418.013	-150.00	-4.000	418.489	-2.00	269+0.000	418.569	418.109	0.460	4.000	418.489	-2.00	4.191	418.202	-150.00
-4.311	416.918	-150.00	-4.000	417.384	-2.00	270+0.000	417.464	417.005	0.459	4.000	417.384	-2.00	4.194	417.093	-150.00
-4.305	415.637	-150.00	-4.000	416.094	-2.00	271+0.000	416.174	415.718	0.456	4.000	416.094	-2.00	4.199	415.796	-150.00
-4.245	414.279	-150.00	-4.000	414.646	-2.00	272+0.000	414.726	414.334	0.392	4.000	414.646	-2.00	4.149	414.423	-150.00
-4.257	413.155	-150.00	-4.000	413.541	-2.00	273+0.000	413.621	413.210	0.411	4.000	413.541	-2.00	4.212	413.224	-150.00
-4.246	412.226	-150.00	-4.000	412.595	-2.00	274+0.000	412.675	412.281	0.394	4.000	412.595	-2.00	4.173	412.336	-150.00
-4.283	412.229	-150.00	-4.000	412.654	-2.00	275+0.000	412.734	412.357	0.377	4.000	412.654	-2.00	4.117	412.479	-150.00
-4.331	412.518	-150.00	-4.000	413.014	-2.00	276+0.000	413.094	412.675	0.419	4.000	413.014	-2.00	4.141	412.803	-150.00
-4.361	413.157	-150.00	-4.000	413.698	-2.00	277+0.000	413.778	413.341	0.438	4.000	413.698	-2.00	4.123	413.515	-150.00
-4.361	414.027	-150.00	-4.000	414.568	-2.00	278+0.000	414.648	414.268	0.381	4.000	414.568	-2.00	4.051	414.491	-150.00
-4.409	414.911	-150.00	-4.000	415.524	-2.00	279+0.000	415.604	415.172	0.433	4.000	415.524	-2.00	4.068	415.422	-150.00
-4.389	416.220	-150.00	-4.000	416.804	-2.00	280+0.000	416.884	416.429	0.455	4.000	416.804	-2.00	4.085	416.676	-150.00
-4.425	417.446	-150.00	-4.000	418.083	-2.00	281+0.000	418.163	417.654	0.509	4.000	418.083	-2.00	4.182	417.810	-150.00
-4.344	418.846	-150.00	-4.000	419.362	-2.00	282+0.000	419.442	418.984	0.458	4.000	419.362	-2.00	4.190	419.077	-150.00
-4.323	420.033	-150.00	-4.000	420.517	-2.00	283+0.000	420.597	420.126	0.471	4.000	420.517	-2.00	4.225	420.179	-150.00
-4.240	420.933	-150.00	-4.000	421.293	-2.00	284+0.000	421.373	420.950	0.423	4.000	421.293	-2.00	4.218	420.966	-150.00
-4.084	421.549	-150.00	-4.000	421.675	-2.00	285+0.000	421.755	421.558	0.198	4.000	421.675	-2.00	4.075	421.563	-150.00
-4.046	421.990	-150.00	-4.000	422.058	-2.00	286+0.000	422.138	422.034	0.105	4.000	422.058	-2.00	4.028	422.077	66.67
-4.073	422.332	-150.00	-4.000	422.441	-2.00	287+0.000	422.521	422.384	0.137	4.000	422.441	-2.00			
-4.171	422.568	-150.00	-4.000	422.824	-2.00	288+0.000	422.904	422.626	0.278	4.000	422.824	-2.00	4.094	422.683	-150.00
-4.274	422.774	-150.00	-4.000	423.185	-2.00	289+0.000	423.265	422.835	0.431	4.000	423.185	-2.00	4.194	422.895	-150.00
-4.316	422.905	-150.00	-4.000	423.379	-2.00	290+0.000	423.459	423.007	0.452	4.000	423.379	-2.00	4.192	423.090	-150.00
-4.303	423.032	-150.00	-4.000	423.486	-2.00	291+0.000	423.566	423.118	0.448	4.000	423.486	-2.00	4.180	423.216	-150.00
-4.306	423.180	-150.00	-4.000	423.638	-2.00	292+0.000	423.718	423.373	0.345	4.000	423.638	-2.00	4.104	423.481	-150.00
-4.369	423.237	-150.00	-4.000	423.790	-2.00	293+0.000	423.870	423.421	0.450	4.000	423.790	-2.00	4.124	423.603	-150.00
-4.373	423.482	-150.00	-4.000	424.042	-2.00	294+0.000	424.122	423.666	0.455	4.000	424.042	-2.00	4.134	423.840	-150.00
-4.347	423.768	-150.00	-4.000	424.288	-2.00	295+0.000	424.368	423.914	0.455	4.000	424.288	-2.00	4.179	424.019	-150.00
-4.294	423.849	-150.00	-4.000	424.290	-2.00	296+0.000	424.370	423.974	0.396	4.000	424.290	-2.00	4.137	424.084	-150.00
-4.206	423.887	-150.00	-4.000	424.196	-2.00	297+0.000	424.276	423.979	0.297	4.000	424.196	-2.00	4.085	424.069	-150.00
-4.140	423.891	-150.00	-4.000	424.102	-2.00	298+0.000	424.182	423.964	0.217	4.000	424.102	-2.00	4.031	424.055	-150.00
-4.104	423.851	-150.00	-4.000	424.008	-2.00	299+0.000	424.088	423.921	0.167	4.000	424.008	-2.00	4.013	423.988	-150.00
-4.121	423.732	-150.00	-4.000	423.913	-2.00	300+0.000	423.993	423.806	0.187	4.000	423.913	-2.00	4.023	423.879	-150.00
-4.162	423.576	-150.00	-4.000	423.819	-2.00	301+0.000	423.899	423.655	0.244	4.000	423.819	-2.00	4.061	423.728	-150.00
-4.225	423.387	-150.00	-4.000	423.725	-2.00	302+0.000	423.805	423.473	0.332	4.000	423.725	-2.00	4.116	423.551	-150.00
-4.279	423.213	-150.00	-4.000	423.631	-2.00	303+0.000	423.711	423.295	0.416	4.000	423.631	-2.00	4.188	423.348	-150.00
-4.312	423.037	-150.00	-4.000	423.506	-2.00	304+0.000	423.586	423.130	0.455	4.000	423.506	-2.00	4.221	423.174	-150.00
-4.297	422.754	-150.00	-4.000	423.201	-2.00	305+0.000	423.281	422.851	0.430	4.000	423.201	-2.00	4.183	422.926	-150.00
-4.157	422.580	-150.00	-4.000	422.815	-2.00	306+0.000	422.895	422.601	0.294	4.000	422.815	-2.00	4.129	422.622	-150.00
-4.154	422.199	-150.00	-4.000	422.430	-2.00	307+0.000	422.510	422.226	0.283	4.000	422.430	-2.00	4.117	422.254	-150.00
-4.238	421.687	-150.00	-4.000	422.044	-2.00	308+0.000	422.124	421.698	0.426	4.000	422.044	-2.00	4.223	421.709	-150.00
-4.279	421.240	-150.00	-4.000	421.659	-2.00	309+0.000	421.739	421.224	0.515	4.000	421.659	-2.00	4.278	421.241	-150.00
-4.313	420.803	-150.00	-4.000	421.274	-2.00	310+0.000	421.354	420.750	0.603	4.000	421.274	-2.00	4.373	420.714	-150.00
-4.223	420.554	-150.00	-4.000	420.888	-2.00	311+0.000	420.968	420.471	0.497	4.000	420.888	-2.00	4.335	420.385	-150.00
-4.205	420.255	-150.00	-4.000	420.563	-2.00	312+0.000	420.643	420.194	0.449	4.000	420.563	-2.00	4.288	420.132	-150.00
-4.196	420.374	-150.00	-4.000	420.668	-2.00	313+0.000	420.748	420.299	0.449	4.000	420.668	-2.00	4.298	420.222	-150.00
-4.176	420.628	-150.00	-4.000	420.893	-2.00	314+0.000	420.973	420.529	0.443	4.000	420.893	-2.00	4.310	420.428	-150.00
-4.163	420.783	-150.00	-4.000	421.028	-2.00	315+0.000	421.108	420.689	0.419	4.000	421.028	-2.00	4.291	420.592	-150.00
-4.176	420.734	-150.00	-4.000	420.998	-2.00	316+0.000	421.078	420.618	0.460	4.000	420.998	-2.00	4.325	420.510	-150.00
-4.172	420.272	-150.00	-4.000	420.530	-2.00	317+0.000	420.610	420.141	0.469	4.000	420.530	-2.00	4.350	420.005	-150.00

Ospedale Generale di S...
Direzione Lavori...
Progettazione...
Segretario...

-4.141	419.447	-150.00	-4.000	419.658	-2.00	318+0.000	419.738	419.281	0.458	4.000	419.658	-2.00	4.369	419.104	-150.00
-4.177	417.827	-150.00	-4.000	418.093	-2.00	319+0.000	418.173	417.702	0.471	4.000	418.093	-2.00	4.357	417.557	-150.00
-4.220	416.176	-150.00	-4.000	416.506	-2.00	320+0.000	416.586	416.133	0.453	4.000	416.506	-2.00	4.278	416.089	-150.00
-4.207	414.517	-150.00	-4.000	414.828	-2.00	321+0.000	414.908	414.443	0.464	4.000	414.828	-2.00	4.307	414.368	-150.00
-4.157	412.580	-150.00	-4.000	412.815	-2.00	322+0.000	412.895	412.472	0.424	4.000	412.815	-2.00	4.290	412.380	-150.00
-4.259	411.386	-150.00	-4.000	411.775	-2.00	323+0.000	411.855	411.310	0.545	4.000	411.775	-2.00	4.361	411.233	-150.00
-4.475	410.301	-150.00	-4.000	411.014	-2.00	324+0.000	411.094	410.285	0.809	4.000	411.014	-2.00	4.497	410.268	-150.00
-4.299	409.803	-150.00	-4.000	410.252	-2.00	325+0.000	410.332	409.787	0.545	4.000	410.252	-2.00	4.279	409.833	-150.00
-4.274	409.451	-150.00	-4.000	409.862	-2.00	326+0.000	409.942	409.486	0.456	4.000	409.862	-2.00	4.150	409.637	-150.00
-4.296	409.274	-150.00	-4.000	409.718	-2.00	327+0.000	409.798	409.349	0.449	4.000	409.718	-2.00	4.158	409.481	-150.00
-4.290	408.897	-150.00	-4.000	409.332	-2.00	328+0.000	409.412	408.955	0.456	4.000	409.332	-2.00	4.213	409.013	-150.00
-4.361	408.346	-150.00	-4.000	408.887	-2.00	329+0.000	408.967	408.435	0.532	4.000	408.887	-2.00	4.244	408.522	-150.00
-4.304	407.984	-150.00	-4.000	408.440	-2.00	330+0.000	408.520	408.061	0.459	4.000	408.440	-2.00	4.197	408.145	-150.00
-4.300	407.780	-150.00	-4.000	408.230	-2.00	331+0.000	408.310	407.865	0.446	4.000	408.230	-2.00	4.189	407.947	-150.00
-4.294	407.847	-150.00	-4.000	408.288	-2.00	332+0.000	408.368	407.908	0.460	4.000	408.288	-2.00	4.213	407.969	-150.00
-4.251	408.328	-150.00	-4.000	408.704	-2.00	333+0.000	408.784	408.328	0.457	4.000	408.704	-2.00	4.228	408.363	-150.00
-4.203	409.050	-150.00	-4.000	409.354	-2.00	334+0.000	409.434	408.969	0.465	4.000	409.354	-2.00	4.312	408.886	-150.00
-4.140	409.665	-150.00	-4.000	409.875	-2.00	335+0.000	409.955	409.529	0.427	4.000	409.875	-2.00	4.326	409.386	-150.00
-4.140	410.006	-150.00	-4.000	410.216	-2.00	336+0.000	410.296	409.888	0.408	4.000	410.216	-2.00	4.321	409.735	-150.00
-4.204	410.310	-150.00	-4.000	410.615	-2.00	337+0.000	410.695	410.249	0.446	4.000	410.615	-2.00	4.287	410.185	-150.00
-4.213	410.802	-150.00	-4.000	411.122	-2.00	338+0.000	411.202	410.741	0.461	4.000	411.122	-2.00	4.297	410.676	-150.00
-4.261	411.142	-150.00	-4.000	411.533	-2.00	339+0.000	411.613	411.181	0.432	4.000	411.533	-2.00	4.202	411.230	-150.00
-4.257	411.427	-150.00	-4.000	411.812	-2.00	340+0.000	411.892	411.477	0.415	4.000	411.812	-2.00	4.180	411.543	-150.00
-4.156	412.423	-150.00	-4.000	412.658	-2.00	341+0.000	412.738	412.332	0.406	4.000	412.658	-2.00	4.249	412.284	-150.00
-4.102	414.198	-150.00	-4.000	414.351	-2.00	342+0.000	414.431	414.107	0.324	4.000	414.351	-2.00	4.225	414.013	-150.00
-4.104	415.889	-150.00	-4.000	416.044	-2.00	343+0.000	416.124	415.804	0.321	4.000	416.044	-2.00	4.219	415.716	-150.00
-4.128	417.545	-150.00	-4.000	417.737	-2.00	344+0.000	417.817	417.487	0.331	4.000	417.737	-2.00	4.207	417.427	-150.00
-4.236	419.076	-150.00	-4.000	419.430	-2.00	345+0.000	419.510	419.101	0.410	4.000	419.430	-2.00	4.204	419.124	-150.00
-4.251	420.393	-150.00	-4.000	420.770	-2.00	346+0.000	420.850	420.396	0.454	4.000	420.770	-2.00	4.247	420.399	-150.00
-4.351	421.221	-150.00	-4.000	421.747	-2.00	347+0.000	421.827	421.343	0.484	4.000	421.747	-2.00	4.191	421.460	-150.00
-4.269	421.791	66.67	-4.000	421.611	-2.00	348+0.000	421.691	421.735	-0.044	4.000	421.611	-2.00	4.106	421.682	66.67
-4.873	421.563	66.67	-4.000	420.980	-2.00	349+0.000	421.060	421.459	-0.398	4.000	420.980	-2.00	4.627	421.399	66.67
-5.567	421.394	66.67	-4.000	420.349	-2.00	350+0.000	420.429	421.115	-0.685	4.000	420.349	-2.00	4.785	420.872	66.67
-5.294	420.581	66.67	-4.000	419.718	-2.00	351+0.000	419.798	420.313	-0.515	4.000	419.718	-2.00	4.508	420.057	66.67
-5.096	419.818	66.67	-4.000	419.087	-2.00	352+0.000	419.167	419.525	-0.357	4.000	419.087	-2.00	4.119	419.167	66.67
-4.871	419.037	66.67	-4.000	418.456	-2.00	353+0.000	418.536	418.684	-0.148	4.000	418.456	-2.00	4.085	418.329	-150.00
-4.600	418.226	66.67	-4.000	417.826	-2.00	354+0.000	417.906	417.652	0.254	4.000	417.826	-2.00	4.425	417.187	-150.00
-4.015	417.204	66.67	-4.000	417.195	-2.00	355+0.000	417.275	416.695	0.580	4.000	417.195	-2.00	4.734	416.094	-150.00
-4.031	416.540	-150.00	-4.000	416.586	-2.00	356+0.000	416.666	416.172	0.494	4.000	416.586	-2.00	4.553	415.756	-150.00
-4.024	416.774	66.67	-4.000	416.758	-2.00	357+0.000	416.838	416.346	0.491	4.000	416.758	-2.00	4.600	415.858	-150.00
-4.041	417.195	-150.00	-4.000	417.257	-2.00	358+0.000	417.337	416.811	0.526	4.000	417.257	-2.00	4.588	416.375	-150.00
-4.066	417.809	66.67	-4.000	417.765	-2.00	359+0.000	417.845	417.417	0.428	4.000	417.765	-2.00	4.523	416.981	-150.00
-4.042	418.642	-150.00	-4.000	418.705	-2.00	360+0.000	418.785	418.332	0.453	4.000	418.705	-2.00	4.478	417.988	-150.00
-4.087	419.491	-150.00	-4.000	419.622	-2.00	361+0.000	419.702	419.222	0.480	4.000	419.622	-2.00	4.463	418.928	-150.00
-4.091	420.206	-150.00	-4.000	420.342	-2.00	362+0.000	420.422	419.955	0.468	4.000	420.342	-2.00	4.440	419.682	-150.00
-4.140	420.552	-150.00	-4.000	420.762	-2.00	363+0.000	420.842	420.368	0.474	4.000	420.762	-2.00	4.450	420.087	-150.00
-4.186	420.527	-150.00	-4.000	420.807	-2.00	364+0.000	420.887	420.341	0.546	4.000	420.807	-2.00	4.443	420.143	-150.00
-4.143	420.636	-150.00	-4.000	420.851	-2.00	365+0.000	420.931	420.438	0.493	4.000	420.851	-2.00	4.416	420.227	-150.00
-4.116	420.787	-150.00	-4.000	420.961	-2.00	366+0.000	421.041	420.589	0.452	4.000	420.961	-2.00	4.383	420.386	-150.00
-4.126	421.218	-150.00	-4.000	421.407	-2.00	367+0.000	421.487	421.060	0.427	4.000	421.407	-2.00	4.354	420.877	-150.00
-4.141	421.660	-150.00	-4.000	421.871	-2.00	368+0.000	421.951	421.502	0.449	4.000	421.871	-2.00	4.356	421.337	-150.00
-4.144	422.119	-150.00	-4.000	422.335	-2.00	369+0.000	422.415	421.964	0.451	4.000	422.335	-2.00	4.380	421.764	-150.00
-4.070	422.449	-150.00	-4.000	422.553	-2.00	370+0.000	422.633	422.196	0.438	4.000	422.553	-2.00	4.388	421.971	-150.00
-4.286	422.618	66.67	-4.000	422.427	-2.00	371+0.000	422.507	422.352	0.156	4.000	422.427	-2.00	4.225	422.089	-150.00
-4.123	422.378	66.67	-4.000	422.295	-2.00	372+0.000	422.375	422.161	0.215	4.000	422.295	-2.00	4.238	421.938	-150.00
-4.049	422.090	-150.00	-4.000	422.164	-2.00	373+0.000	422.244	421.867	0.376	4.000	422.164	-2.00	4.410	421.549	-150.00
-4.053	421.782	-150.00	-4.000	421.861	-2.00	374+0.000	421.941	421.489	0.452	4.000	421.861	-2.00	4.468	421.160	-150.00
-4.044	421.278	-150.00	-4.000	421.343	-2.00	375+0.000	421.423	420.972	0.451	4.000	421.343	-2.00	4.472	420.635	-150.00
-4.053	420.946	-150.00	-4.000	421.026	-2.00	376+0.000	421.106	420.604	0.502	4.000	421.026	-2.00	4.537	420.220	-150.00
-4.068	420.778	-150.00	-4.000	420.880	-2.00	377+0.000	420.960	420.430	0.530	4.000	420.880	-2.00	4.560	420.039	-150.00
-4.069	420.631	-150.00	-4.000	420.734	-2.00	378+0.000	420.814	420.295	0.519	4.000	420.734	-2.00	4.524	419.947	-150.00
-4.050	420.513	-150.00	-4.000	420.588	-2.00	379+0.000	420.668	420.216	0.452	4.000	420.588	-2.00	4.464	419.893	-150.00
-4.051	420.585	-150.00	-4.000	420.661	-2.00	380+0.000	420.741	420.273	0.468	4.000	420.661	-2.00	4.488	419.929	-150.00
-4.127	420.758	-150.00	-4.000	420.949	-2.00	381+0.000	421.029	420.424	0.605	4.000	420.949	-2.00	4.598	420.052	-150.00
-4.099	421.088	-150.00	-4.000	421.237	-2.00	382+0.000	421.317	420.797	0.520	4.000	421.237	-2.00	4.537	420.432	-150.00
-4.071	421.419	-150.00	-4.000	421.525	-2.00	383+0.000	421.605	421.123	0.482	4.000	421.525	-2.00	4.475	420.813	-150.00
-4.015	421.791	-150.00	-4.000	421.814	-2.00	384+0.000	421.894	421.562	0.332	4.000	421.814	-2.00	4.299	421.365	-150.00
-4.249	422.268	66.67	-4.000	422.102	-2.00	385+0.000	422.182	422.065	0.117	4.000	422.102	-2.00	4.157	421.866	-150.00
-4.152	422.492	66.67	-4.000	422.390	-2.00	386+0.000	422.470	422.338	0.132	4.000	422.390	-2.00	4.136	422.186	-150.00
-4.051	422.602	-150.00	-4.000	422.678	-2.00	387+0.000	422.758	422.478	0.281	4.000	422.678	-2.00	4.220	422.348	-150.00
-4.270	422.561	-150.00	-4.000	422.967	-2.00	388+0.000	423.047	422.531	0.515	4.000	422.967	-2.00	4.311	422.501	-150.00
-4.511	422.488	-150.00	-4.000	423.255	-2.00	389+0.000	423.335	422.460	0.875	4.000	423.255	-2.00	4.549	422.431	-150.00
-4.642	422.580	-150.00	-4.000	423.543	-2.00	390+0.000	423.623	422.506	1.116	4.000	423.543	-2.00	4.730	422.448	-150.00
-4.706	422.773	-150.00	-4.000	423.831	-2.00	391+0.000	423.911	422.727	1.184	4.000	423.831	-2.00	4.767	422.681	-150.00
-4.471	423.413	-150.00	-4.000	424.119	-2.00	392+0.000	424.199	423.260	0.940	4.000	424.119	-2.00	4.680	423.099	-150.00
-4.197	424.227	-150.00	-4.000	424.522	-2.00	393+0.000	424.602	424.112	0.490	4.000	424.522	-2.00	4.353	423.993	-150.00
-4.157	425.204	-150.00	-4.000	425.440	-2.00	394+0.000	425.520	425.088	0.432	4.000	425.440	-2.00	4.315	424.967	-150.00
-4.136	426.264	-150.00	-4.000	426.468	-2.00	395+0.000	426.548	426.109	0.438	4.000	426.468	-2.00	4.350	425.943	-150.00
-4.164	427.062	-150.00	-4.000	427.308	-2.00	396+0.000	427.388	426.927	0.461	4.000	427.308	-2.00	4.348	426.787	-150.00
-4.160	427.812	-150.00	-4.000	428.052	-2.00	397+0.000	428.132	427.668	0.464	4.000	428.052	-2.00	4.356	427.519	-150.00
-4.070	428.143	-150.00	-4.000	428.247	-2.00	398+0.000	428.327	427.983	0.345	4.000	428.247	-2.00	4.289	427.814	-150.00

Osvaldo Lehrão da
Diretor
Presidente
Secretário

-4.080	427.940	-150.00	-4.000	428.060	-2.00	399+0.000	428.140	427.764	0.375	4.000	428.060	-2.00	4.320	427.579	-150.00
-4.132	427.565	-150.00	-4.000	427.763	-2.00	400+0.000	427.843	427.330	0.513	4.000	427.763	-2.00	4.451	427.086	-150.00
-4.209	427.027	-150.00	-4.000	427.341	-2.00	401+0.000	427.421	426.788	0.634	4.000	427.341	-2.00	4.542	426.529	-150.00
-4.347	426.400	-150.00	-4.000	426.920	-2.00	402+0.000	427.000	426.201	0.799	4.000	426.920	-2.00	4.547	426.099	-150.00
-4.253	426.119	-150.00	-4.000	426.499	-2.00	403+0.000	426.579	426.030	0.549	4.000	426.499	-2.00	4.372	425.941	-150.00
-4.109	426.072	-150.00	-4.000	426.236	-2.00	404+0.000	426.316	425.883	0.433	4.000	426.236	-2.00	4.321	425.754	-150.00
-4.134	426.060	-150.00	-4.000	426.261	-2.00	405+0.000	426.341	425.903	0.437	4.000	426.261	-2.00	4.333	425.761	-150.00
-4.166	426.037	-150.00	-4.000	426.286	-2.00	406+0.000	426.366	425.903	0.463	4.000	426.286	-2.00	4.349	425.762	-150.00
-4.163	426.066	-150.00	-4.000	426.310	-2.00	407+0.000	426.390	425.924	0.467	4.000	426.310	-2.00	4.357	425.775	-150.00
-4.108	426.048	-150.00	-4.000	426.210	-2.00	408+0.000	426.290	425.847	0.443	4.000	426.210	-2.00	4.385	425.632	-150.00
-4.040	425.786	-150.00	-4.000	425.846	-2.00	409+0.000	425.926	425.581	0.345	4.000	425.846	-2.00	4.318	425.369	-150.00
-4.111	425.556	66.67	-4.000	425.482	-2.00	410+0.000	425.562	425.284	0.278	4.000	425.482	-2.00	4.274	425.070	-150.00
-4.151	424.890	-150.00	-4.000	425.118	-2.00	411+0.000	425.198	424.756	0.442	4.000	425.118	-2.00	4.322	424.635	-150.00
-4.132	424.113	-150.00	-4.000	424.312	-2.00	412+0.000	424.392	423.862	0.530	4.000	424.312	-2.00	4.425	423.673	-150.00
-4.008	423.297	-150.00	-4.000	423.308	-2.00	413+0.000	423.388	422.984	0.404	4.000	423.308	-2.00	4.399	422.709	-150.00
-4.097	423.229	-150.00	-4.000	423.375	-2.00	414+0.000	423.455	423.015	0.440	4.000	423.375	-2.00	4.435	422.722	-150.00
-4.094	423.310	-150.00	-4.000	423.452	-2.00	415+0.000	423.532	423.068	0.464	4.000	423.452	-2.00	4.431	422.805	-150.00
-4.013	423.598	-150.00	-4.000	423.618	-2.00	416+0.000	423.698	423.256	0.441	4.000	423.618	-2.00	4.461	422.926	-150.00
-4.022	423.947	-150.00	-4.000	423.980	-2.00	417+0.000	424.060	423.617	0.443	4.000	423.980	-2.00	4.434	423.329	-150.00
-4.011	424.400	-150.00	-4.000	424.417	-2.00	418+0.000	424.497	424.140	0.357	4.000	424.417	-2.00	4.374	423.855	-150.00
-4.009	424.841	-150.00	-4.000	424.854	-2.00	419+0.000	424.934	424.573	0.361	4.000	424.854	-2.00	4.382	424.281	-150.00
-4.063	425.196	-150.00	-4.000	425.291	-2.00	420+0.000	425.371	424.992	0.379	4.000	425.291	-2.00	4.348	424.768	-150.00
-4.105	425.516	-150.00	-4.000	425.673	-2.00	421+0.000	425.753	425.312	0.442	4.000	425.673	-2.00	4.388	425.092	-150.00
-4.207	425.413	-150.00	-4.000	425.724	-2.00	422+0.000	425.804	425.323	0.482	4.000	425.724	-2.00	4.358	425.187	-150.00
-4.225	425.397	-150.00	-4.000	425.734	-2.00	423+0.000	425.814	425.347	0.467	4.000	425.734	-2.00	4.325	425.247	-150.00
-4.251	425.198	-150.00	-4.000	425.574	-2.00	424+0.000	425.654	425.123	0.530	4.000	425.574	-2.00	4.370	425.019	-150.00
-4.256	425.029	-150.00	-4.000	425.413	-2.00	425+0.000	425.493	425.008	0.485	4.000	425.413	-2.00	4.284	424.987	-150.00
-4.242	424.866	-150.00	-4.000	425.229	-2.00	426+0.000	425.309	424.858	0.451	4.000	425.229	-2.00	4.253	424.851	-150.00
-4.246	424.527	-150.00	-4.000	424.896	-2.00	427+0.000	424.976	424.520	0.457	4.000	424.896	-2.00	4.255	424.514	-150.00
-4.234	424.161	-150.00	-4.000	424.512	-2.00	428+0.000	424.592	424.156	0.435	4.000	424.512	-2.00	4.240	424.151	-150.00
-4.218	423.687	-150.00	-4.000	424.014	-2.00	429+0.000	424.094	423.636	0.459	4.000	424.014	-2.00	4.287	423.584	-150.00
-4.222	423.176	-150.00	-4.000	423.509	-2.00	430+0.000	423.589	423.130	0.459	4.000	423.509	-2.00	4.284	423.084	-150.00
-4.259	422.856	-150.00	-4.000	423.245	-2.00	431+0.000	423.325	422.802	0.523	4.000	423.245	-2.00	4.332	422.746	-150.00
-4.603	422.653	-150.00	-4.000	423.557	-2.00	432+0.000	423.637	422.584	1.054	4.000	423.557	-2.00	4.696	422.513	-150.00
-4.583	422.999	-150.00	-4.000	423.873	-2.00	433+0.000	423.953	422.954	1.000	4.000	423.873	-2.00	4.643	422.908	-150.00
-4.520	423.410	-150.00	-4.000	424.190	-2.00	434+0.000	424.270	423.366	0.903	4.000	424.190	-2.00	4.578	423.322	-150.00
-4.362	423.963	-150.00	-4.000	424.506	-2.00	435+0.000	424.586	423.933	0.652	4.000	424.506	-2.00	4.401	423.904	-150.00
-4.272	424.414	-150.00	-4.000	424.822	-2.00	436+0.000	424.902	424.394	0.508	4.000	424.822	-2.00	4.278	424.404	-150.00
-4.211	424.821	-150.00	-4.000	425.138	-2.00	437+0.000	425.218	424.838	0.380	4.000	425.138	-2.00	4.189	424.855	-150.00
-4.265	425.007	-150.00	-4.000	425.405	-2.00	438+0.000	425.485	425.031	0.454	4.000	425.405	-2.00	4.233	425.056	-150.00
-4.262	425.097	-150.00	-4.000	425.489	-2.00	439+0.000	425.569	425.107	0.463	4.000	425.489	-2.00	4.240	425.130	-150.00
-4.241	425.175	-150.00	-4.000	425.536	-2.00	440+0.000	425.616	425.151	0.465	4.000	425.536	-2.00	4.248	425.164	-150.00
-4.261	425.140	-150.00	-4.000	425.532	-2.00	441+0.000	425.612	425.156	0.456	4.000	425.532	-2.00	4.239	425.173	-150.00
-4.260	425.093	-150.00	-4.000	425.483	-2.00	442+0.000	425.563	425.102	0.461	4.000	425.483	-2.00	4.248	425.112	-150.00
-4.271	424.998	-150.00	-4.000	425.405	-2.00	443+0.000	425.485	425.004	0.482	4.000	425.405	-2.00	4.261	425.013	-150.00
-4.200	425.034	-150.00	-4.000	425.335	-2.00	444+0.000	425.415	424.963	0.452	4.000	425.335	-2.00	4.242	424.972	-150.00
-4.191	425.166	-150.00	-4.000	425.453	-2.00	445+0.000	425.533	425.065	0.468	4.000	425.453	-2.00	4.346	424.934	-150.00
-4.263	425.295	-150.00	-4.000	425.689	-2.00	446+0.000	425.769	425.168	0.601	4.000	425.689	-2.00	4.435	425.036	-150.00
-4.263	425.532	-150.00	-4.000	425.926	-2.00	447+0.000	426.006	425.436	0.570	4.000	425.926	-2.00	4.395	425.333	-150.00
-4.148	425.988	-150.00	-4.000	426.210	-2.00	448+0.000	426.290	425.841	0.448	4.000	426.210	-2.00	4.322	425.727	-150.00
-4.181	426.596	-150.00	-4.000	426.867	-2.00	449+0.000	426.947	426.465	0.482	4.000	426.867	-2.00	4.362	426.324	-150.00
-4.161	427.292	-150.00	-4.000	427.534	-2.00	450+0.000	427.614	427.160	0.454	4.000	427.534	-2.00	4.358	426.998	-150.00
-4.125	427.794	-150.00	-4.000	427.981	-2.00	451+0.000	428.061	427.603	0.458	4.000	427.981	-2.00	4.388	427.400	-150.00
-4.104	428.100	-150.00	-4.000	428.255	-2.00	452+0.000	428.335	427.881	0.454	4.000	428.255	-2.00	4.406	427.646	-150.00
-4.094	428.112	-150.00	-4.000	428.253	-2.00	453+0.000	428.333	427.905	0.428	4.000	428.253	-2.00	4.361	427.712	-150.00
-4.094	428.171	-150.00	-4.000	428.312	-2.00	454+0.000	428.392	428.015	0.378	4.000	428.312	-2.00	4.335	427.809	-150.00
-4.082	428.249	-150.00	-4.000	428.371	-2.00	455+0.000	428.451	428.095	0.356	4.000	428.371	-2.00	4.292	427.933	-150.00
-4.050	428.356	-150.00	-4.000	428.431	-2.00	456+0.000	428.511	428.206	0.304	4.000	428.431	-2.00	4.254	428.050	-150.00
-4.087	428.359	-150.00	-4.000	428.490	-2.00	457+0.000	428.570	428.210	0.360	4.000	428.490	-2.00	4.287	428.059	-150.00
-4.009	428.535	-150.00	-4.000	428.549	-2.00	458+0.000	428.629	428.404	0.225	4.000	428.549	-2.00	4.188	428.267	-150.00
-4.006	428.600	-150.00	-4.000	428.608	-2.00	459+0.000	428.688	428.466	0.223	4.000	428.608	-2.00	4.189	428.325	-150.00
-4.087	428.726	66.67	-4.000	428.668	-2.00	460+0.000	428.748	428.603	0.145	4.000	428.668	-2.00	4.125	428.480	-150.00
			-4.000	428.727	-2.00	461+0.000	428.807	428.604	0.203	4.000	428.727	-2.00	4.130	428.532	-150.00
-4.024	428.751	-150.00	-4.000	428.786	-2.00	462+0.000	428.866	428.678	0.188	4.000	428.786	-2.00	4.122	428.603	-150.00
-4.190	428.488	-150.00	-4.000	428.773	-2.00	463+0.000	428.853	428.438	0.415	4.000	428.773	-2.00	4.257	428.388	-150.00
-4.198	428.236	-150.00	-4.000	428.534	-2.00	464+0.000	428.614	428.183	0.431	4.000	428.534	-2.00	4.270	428.129	-150.00
-4.218	427.968	-150.00	-4.000	428.295	-2.00	465+0.000	428.375	427.931	0.444	4.000	428.295	-2.00	4.268	427.893	-150.00
-4.204	427.782	-150.00	-4.000	428.089	-2.00	466+0.000	428.169	427.738	0.431	4.000	428.089	-2.00	4.265	427.692	-150.00
-4.226	427.755	-150.00	-4.000	428.093	-2.00	467+0.000	428.173	427.712	0.461	4.000	428.093	-2.00	4.283	427.668	-150.00
-4.243	427.830	-150.00	-4.000	428.195	-2.00	468+0.000	428.275	427.793	0.482	4.000	428.195	-2.00	4.293	427.756	-150.00
-4.236	427.944	-150.00	-4.000	428.297	-2.00	469+0.000	428.377	427.904	0.473	4.000	428.297	-2.00	4.286	427.869	-150.00
-4.213	428.169	-150.00	-4.000	428.489	-2.00	470+0.000	428.569	428.069	0.500	4.000	428.489	-2.00	4.328	427.997	-150.00
-4.188	428.464	-150.00	-4.000	428.746	-2.00	471+0.000	428.826	428.371	0.455	4.000	428.746	-2.00	4.313	428.276	-150.00
-4.156	428.659	-150.00	-4.000	428.894	-2.00	472+0.000	428.974	428.524	0.449	4.000	428.894	-2.00	4.340	428.383	-150.00
-4.158	428.863	-150.00	-4.000	429.101	-2.00	473+0.000	429.181	428.721	0.459	4.000	429.101	-2.00	4.352	428.573	-150.00
-4.189	429.060	-150.00	-4.000	429.343	-2.00	474+0.000	429.423	428.898	0.525	4.000	429.343	-2.00	4.411	428.726	-150.00
-4.200	429.286	-150.00	-4.000	429.586	-2.00	475+0.000	429.666	429.119	0.547	4.000	429.586	-2.00	4.429	428.943	-150.00
-4.187	429.548	-150.00	-4.000	429.828	-2.00	476+0.000	429.908	429.346	0.562	4.000	429.828	-2.00	4.443	429.164	-150.00
-4.155	429.838	-150.00	-4.000	430.071	-2.00	477+0.000	430.151	429.629	0.522	4.000	430.071	-2.00	4.440	429.412	-150.00
-4.126	430.124	-150.00	-4.000	430.314	-2.00	478+0.000	430.394	429.919	0.475	4.000	430.314	-2.00	4.410	429.698	-150.00
-4.116	430.401	-150.00	-4.000	430.576	-2.00	479+0.000	430.656	430.220	0.436	4.000	430.576	-2.00	4.336	430.072	-150.00

-4.161	430.881	-150.00	-4.000	431.123	-2.00	480+0.000	431.203	430.725	0.478	4.000	431.123	-2.00	4.375	430.561	-150.00
-4.141	431.480	-150.00	-4.000	431.691	-2.00	481+0.000	431.771	431.318	0.454	4.000	431.691	-2.00	4.358	431.154	-150.00
-4.130	432.130	-150.00	-4.000	432.325	-2.00	482+0.000	432.405	431.965	0.441	4.000	432.325	-2.00	4.362	431.783	-150.00
-4.248	432.905	-150.00	-4.000	433.277	-2.00	483+0.000	433.357	432.735	0.622	4.000	433.277	-2.00	4.481	432.555	-150.00
-4.288	434.060	-150.00	-4.000	434.493	-2.00	484+0.000	434.573	433.793	0.779	4.000	434.493	-2.00	4.659	433.503	-150.00
-4.160	435.487	-150.00	-4.000	435.727	-2.00	485+0.000	435.807	435.235	0.572	4.000	435.727	-2.00	4.511	434.961	-150.00
-4.119	436.783	-150.00	-4.000	436.961	-2.00	486+0.000	437.041	436.562	0.480	4.000	436.961	-2.00	4.425	436.324	-150.00
-4.088	438.037	-150.00	-4.000	438.169	-2.00	487+0.000	438.249	437.802	0.446	4.000	438.169	-2.00	4.459	437.480	-150.00
-4.130	438.596	-150.00	-4.000	438.791	-2.00	488+0.000	438.871	438.389	0.481	4.000	438.791	-2.00	4.446	438.122	-150.00
-4.045	438.993	66.67	-4.000	438.963	-2.00	489+0.000	439.043	438.800	0.243	4.000	438.963	-2.00	4.249	438.589	-150.00
-4.140	438.925	-150.00	-4.000	439.135	-2.00	490+0.000	439.215	438.781	0.434	4.000	439.135	-2.00	4.343	438.620	-150.00
-4.099	438.938	-150.00	-4.000	439.088	-2.00	491+0.000	439.168	438.803	0.365	4.000	439.088	-2.00	4.284	438.661	-150.00
-4.143	438.815	-150.00	-4.000	439.030	-2.00	492+0.000	439.110	438.688	0.422	4.000	439.030	-2.00	4.317	438.555	-150.00
-4.132	438.768	-150.00	-4.000	438.966	-2.00	493+0.000	439.046	438.635	0.410	4.000	438.966	-2.00	4.313	438.497	-150.00
-4.168	438.645	-150.00	-4.000	438.897	-2.00	494+0.000	438.977	438.527	0.450	4.000	438.897	-2.00	4.295	438.454	-150.00
-4.230	438.967	-150.00	-4.000	439.313	-2.00	495+0.000	439.393	438.847	0.546	4.000	439.313	-2.00	4.410	438.698	-150.00
-4.292	439.329	-150.00	-4.000	439.767	-2.00	496+0.000	439.847	439.154	0.693	4.000	439.767	-2.00	4.532	438.969	-150.00
-4.330	439.725	-150.00	-4.000	440.221	-2.00	497+0.000	440.301	439.558	0.742	4.000	440.221	-2.00	4.559	439.383	-150.00
-4.173	440.416	-150.00	-4.000	440.675	-2.00	498+0.000	440.755	440.260	0.495	4.000	440.675	-2.00	4.401	440.073	-150.00
-4.095	440.987	-150.00	-4.000	441.129	-2.00	499+0.000	441.209	440.758	0.451	4.000	441.129	-2.00	4.412	440.511	-150.00
-4.099	441.354	-150.00	-4.000	441.503	-2.00	500+0.000	441.583	441.133	0.449	4.000	441.503	-2.00	4.404	440.897	-150.00
-4.127	441.667	-150.00	-4.000	441.858	-2.00	501+0.000	441.938	441.486	0.452	4.000	441.858	-2.00	4.395	441.266	-150.00
-4.139	442.215	-150.00	-4.000	442.424	-2.00	502+0.000	442.504	442.023	0.481	4.000	442.424	-2.00	4.421	441.793	-150.00
-4.214	442.772	-150.00	-4.000	443.092	-2.00	503+0.000	443.172	442.569	0.603	4.000	443.092	-2.00	4.488	442.361	-150.00
-4.257	443.376	-150.00	-4.000	443.761	-2.00	504+0.000	443.841	443.189	0.652	4.000	443.761	-2.00	4.510	442.996	-150.00
-4.241	444.068	-150.00	-4.000	444.430	-2.00	505+0.000	444.510	443.874	0.636	4.000	444.430	-2.00	4.507	443.670	-150.00
-4.185	444.821	-150.00	-4.000	445.099	-2.00	506+0.000	445.179	444.629	0.549	4.000	445.099	-2.00	4.448	444.426	-150.00
-4.170	445.512	-150.00	-4.000	445.767	-2.00	507+0.000	445.847	445.381	0.467	4.000	445.767	-2.00	4.371	445.211	-150.00
-4.172	446.178	-150.00	-4.000	446.436	-2.00	508+0.000	446.516	446.054	0.462	4.000	446.436	-2.00	4.349	445.913	-150.00
-4.165	446.765	-150.00	-4.000	447.013	-2.00	509+0.000	447.093	446.662	0.431	4.000	447.013	-2.00	4.303	446.558	-150.00
-4.068	447.305	-150.00	-4.000	447.407	-2.00	510+0.000	447.487	447.214	0.274	4.000	447.407	-2.00	4.191	447.120	-150.00
-4.137	447.596	-150.00	-4.000	447.802	-2.00	511+0.000	447.882	447.555	0.327	4.000	447.802	-2.00	4.193	447.513	-150.00
-4.210	447.796	-150.00	-4.000	448.111	-2.00	512+0.000	448.191	447.741	0.451	4.000	448.111	-2.00	4.311	447.644	-150.00
-4.188	447.864	-150.00	-4.000	448.146	-2.00	513+0.000	448.226	447.807	0.419	4.000	448.146	-2.00	4.290	447.711	-150.00
-4.172	447.916	-150.00	-4.000	448.174	-2.00	514+0.000	448.254	447.857	0.397	4.000	448.174	-2.00	4.250	447.800	-150.00
-4.110	448.038	-150.00	-4.000	448.202	-2.00	515+0.000	448.282	447.945	0.337	4.000	448.202	-2.00	4.240	447.841	-150.00
-4.122	448.048	-150.00	-4.000	448.230	-2.00	516+0.000	448.310	447.952	0.358	4.000	448.230	-2.00	4.253	447.850	-150.00
-4.160	448.019	-150.00	-4.000	448.258	-2.00	517+0.000	448.338	447.922	0.416	4.000	448.258	-2.00	4.290	447.823	-150.00
-4.187	448.012	-150.00	-4.000	448.294	-2.00	518+0.000	448.374	447.924	0.449	4.000	448.294	-2.00	4.310	447.829	-150.00
-4.225	448.077	-150.00	-4.000	448.415	-2.00	519+0.000	448.495	447.991	0.504	4.000	448.415	-2.00	4.344	447.899	-150.00
-4.238	448.185	-150.00	-4.000	448.542	-2.00	520+0.000	448.622	448.086	0.536	4.000	448.542	-2.00	4.371	447.986	-150.00
-4.207	448.359	-150.00	-4.000	448.670	-2.00	521+0.000	448.750	448.282	0.468	4.000	448.670	-2.00	4.312	448.202	-150.00
-4.170	448.710	-150.00	-4.000	448.965	-2.00	522+0.000	449.045	448.604	0.441	4.000	448.965	-2.00	4.314	448.494	-150.00
-4.173	449.131	-150.00	-4.000	449.391	-2.00	523+0.000	449.471	449.024	0.447	4.000	449.391	-2.00	4.292	448.953	-150.00
-4.202	449.653	-150.00	-4.000	449.956	-2.00	524+0.000	450.036	449.572	0.464	4.000	449.956	-2.00	4.299	449.508	-150.00
-4.211	450.221	-150.00	-4.000	450.538	-2.00	525+0.000	450.618	450.139	0.479	4.000	450.538	-2.00	4.321	450.056	-150.00
-4.197	450.824	-150.00	-4.000	451.120	-2.00	526+0.000	451.200	450.733	0.466	4.000	451.120	-2.00	4.321	450.638	-150.00
-4.183	451.159	-150.00	-4.000	451.434	-2.00	527+0.000	451.514	451.040	0.474	4.000	451.434	-2.00	4.344	450.918	-150.00
-4.141	451.033	-150.00	-4.000	451.246	-2.00	528+0.000	451.326	450.898	0.427	4.000	451.246	-2.00	4.325	450.757	-150.00
-4.259	450.669	-150.00	-4.000	451.057	-2.00	529+0.000	451.137	450.509	0.628	4.000	451.057	-2.00	4.476	450.342	-150.00
-4.324	450.382	-150.00	-4.000	450.868	-2.00	530+0.000	450.948	450.222	0.726	4.000	450.868	-2.00	4.545	450.051	-150.00
-4.344	450.163	-150.00	-4.000	450.679	-2.00	531+0.000	450.759	449.978	0.781	4.000	450.679	-2.00	4.597	449.784	-150.00
-4.292	450.053	-150.00	-4.000	450.491	-2.00	532+0.000	450.571	449.883	0.687	4.000	450.491	-2.00	4.524	449.705	-150.00
-4.170	450.152	-150.00	-4.000	450.408	-2.00	533+0.000	450.488	449.917	0.570	4.000	450.408	-2.00	4.495	449.665	-150.00
-4.079	450.447	-150.00	-4.000	450.565	-2.00	534+0.000	450.645	450.218	0.427	4.000	450.565	-2.00	4.388	449.984	-150.00
-4.136	450.866	66.67	-4.000	450.775	-2.00	535+0.000	450.855	450.632	0.223	4.000	450.775	-2.00	4.257	450.389	-150.00
-4.555	451.355	66.67	-4.000	450.985	-2.00	536+0.000	451.065	451.098	-0.033	4.000	450.985	-2.00	4.078	450.867	-150.00
-4.723	451.677	66.67	-4.000	451.195	-2.00	537+0.000	451.275	451.441	-0.166	4.000	451.195	-2.00	4.067	451.240	66.67
-4.842	451.966	66.67	-4.000	451.405	-2.00	538+0.000	451.485	451.748	-0.264	4.000	451.405	-2.00	4.203	451.540	66.67
-4.104	451.684	66.67	-4.000	451.615	-2.00	539+0.000	451.695	451.559	0.136	4.000	451.615	-2.00	4.121	451.433	-150.00
-4.229	451.468	-150.00	-4.000	451.811	-2.00	540+0.000	451.891	451.473	0.418	4.000	451.811	-2.00	4.229	451.467	-150.00
-4.241	451.505	-150.00	-4.000	451.866	-2.00	541+0.000	451.946	451.513	0.433	4.000	451.866	-2.00	4.232	451.518	-150.00
-4.233	451.581	-150.00	-4.000	451.930	-2.00	542+0.000	452.010	451.572	0.439	4.000	451.930	-2.00	4.239	451.571	-150.00
-4.327	451.817	-150.00	-4.000	452.307	-2.00	543+0.000	452.387	451.864	0.523	4.000	452.307	-2.00	4.264	451.911	-150.00
-4.441	452.294	-150.00	-4.000	452.956	-2.00	544+0.000	453.036	452.296	0.740	4.000	452.956	-2.00	4.439	452.298	-150.00
-4.445	452.938	-150.00	-4.000	453.606	-2.00	545+0.000	453.686	452.943	0.743	4.000	453.606	-2.00	4.428	452.965	-150.00
-4.384	453.680	-150.00	-4.000	454.256	-2.00	546+0.000	454.336	453.682	0.654	4.000	454.256	-2.00	4.377	453.692	-150.00
-4.277	454.491	-150.00	-4.000	454.907	-2.00	547+0.000	454.987	454.466	0.521	4.000	454.907	-2.00	4.289	454.474	-150.00
-4.207	455.153	-150.00	-4.000	455.464	-2.00	548+0.000	455.544	455.096	0.448	4.000	455.464	-2.00	4.281	455.042	-150.00
-4.033	455.568	-150.00	-4.000	455.618	-2.00	549+0.000	455.698	455.514	0.184	4.000	455.618	-2.00	4.107	455.458	-150.00
-4.522	456.097	66.67	-4.000	455.749	-2.00	550+0.000	455.829	456.017	-0.188	4.000	455.749	-2.00	4.287	455.941	66.67
-4.999	456.546	66.67	-4.000	455.880	-2.00	551+0.000	455.960	456.338	-0.378	4.000	455.880	-2.00	4.413	456.155	66.67
-4.969	456.657	66.67	-4.000	456.011	-2.00	552+0.000	456.091	456.460	-0.369	4.000	456.011	-2.00	4.423	456.293	66.67
-4.987	456.800	66.67	-4.000	456.142	-2.00	553+0.000	456.222	456.563	-0.341	4.000	456.142	-2.00	4.300	456.342	66.67
-4.694	456.736	66.67	-4.000	456.273	-2.00	554+0.000	456.353	456.381	-0.028	4.000	456.273	-2.00	4.121	456.091	-150.00
-4.195	456.534	66.67	-4.000	456.404	-2.00	555+0.000	456.484	456.202	0.282	4.000	456.404	-2.00	4.361	455.863	-150.00
-4.067	456.434	-150.00	-4.000	456.535	-2.00	556+0.000	456.615	456.174	0.440	4.000	456.535	-2.00	4.427	455.895	-150.00
-4.058	456.775	-150.00	-4.000	456.861	-2.00	557+0.000	456.941	456.513	0.428	4.000	456.861	-2.00	4.423	456.228	-150.00
-4.023	457.294	-150.00	-4.000	457.328	-2.00	558+0.000	457.408	457.035	0.373	4.000	457.328	-2.00	4.384	456.752	-150.00
-4.045	457.728	-150.00	-4.000	457.795	-2.00	559+0.000	457.875	457.502	0.374	4.000	457.795	-2.00	4.359	457.257	-150.00
			-4.000	458.183	-2.00	560+0.000	458.263	457.979	0.283	4.000	458.183	-2.00	4.283	457.759	-150.00

-4.161	458.576	66.67	-4.000	458.468	-2.00	561+0.000	458.548	458.427	0.121	4.000	458.468	-2.00	4.123	458.283	-150.00
-4.044	458.784	66.67	-4.000	458.754	-2.00	562+0.000	458.834	458.648	0.186	4.000	458.754	-2.00	4.164	458.508	-150.00
-4.097	458.894	-150.00	-4.000	459.040	-2.00	563+0.000	459.120	458.774	0.346	4.000	459.040	-2.00	4.260	458.650	-150.00
-4.187	458.952	-150.00	-4.000	459.233	-2.00	564+0.000	459.313	458.859	0.454	4.000	459.233	-2.00	4.376	458.669	-150.00
-4.044	459.102	-150.00	-4.000	459.168	-2.00	565+0.000	459.248	458.856	0.393	4.000	459.168	-2.00	4.386	458.589	-150.00
-4.095	459.068	66.67	-4.000	459.005	-2.00	566+0.000	459.085	458.831	0.254	4.000	459.005	-2.00	4.284	458.578	-150.00
-4.177	458.959	66.67	-4.000	458.841	-2.00	567+0.000	458.921	458.717	0.204	4.000	458.841	-2.00	4.300	458.391	-150.00
-4.097	458.742	66.67	-4.000	458.677	-2.00	568+0.000	458.757	458.414	0.343	4.000	458.677	-2.00	4.410	458.061	-150.00
-4.008	458.502	-150.00	-4.000	458.513	-2.00	569+0.000	458.593	458.182	0.412	4.000	458.513	-2.00	4.458	457.826	-150.00
-4.009	458.435	-150.00	-4.000	458.449	-2.00	570+0.000	458.529	458.114	0.416	4.000	458.449	-2.00	4.423	457.814	-150.00
-4.233	458.738	66.67	-4.000	458.569	-2.00	571+0.000	458.649	458.450	0.199	4.000	458.569	-2.00	4.272	458.161	-150.00
-4.565	459.065	66.67	-4.000	458.688	-2.00	572+0.000	458.768	458.742	0.026	4.000	458.688	-2.00	4.160	458.448	-150.00
-4.682	459.262	66.67	-4.000	458.808	-2.00	573+0.000	458.888	458.947	-0.060	4.000	458.808	-2.00	4.090	458.672	-150.00
-4.909	459.533	66.67	-4.000	458.927	-2.00	574+0.000	459.007	459.137	-0.129	4.000	458.927	-2.00	4.080	458.807	-150.00
-5.005	459.717	66.67	-4.000	459.047	-2.00	575+0.000	459.127	459.276	-0.150	4.000	459.047	-2.00	4.086	458.917	-150.00
-4.847	459.731	66.67	-4.000	459.166	-2.00	576+0.000	459.246	459.308	-0.062	4.000	459.166	-2.00	4.147	458.945	-150.00
-4.659	459.725	66.67	-4.000	459.285	-2.00	577+0.000	459.365	459.247	0.118	4.000	459.285	-2.00	4.320	458.805	-150.00
-4.262	459.579	66.67	-4.000	459.405	-2.00	578+0.000	459.485	459.129	0.356	4.000	459.405	-2.00	4.490	458.669	-150.00
-4.037	459.419	66.67	-4.000	459.394	-2.00	579+0.000	459.474	459.014	0.460	4.000	459.394	-2.00	4.558	458.558	-150.00
-4.051	458.934	66.67	-4.000	458.900	-2.00	580+0.000	458.980	458.516	0.464	4.000	458.900	-2.00	4.611	457.983	-150.00
-4.115	458.858	66.67	-4.000	458.781	-2.00	581+0.000	458.861	458.417	0.444	4.000	458.781	-2.00	4.560	457.941	-150.00
-4.073	458.804	66.67	-4.000	458.755	-2.00	582+0.000	458.835	458.375	0.460	4.000	458.755	-2.00	4.571	457.898	-150.00
			-4.000	458.584	-2.00	583+0.000	458.664	458.218	0.446	4.000	458.584	-2.00	4.582	457.711	-150.00
-4.026	457.894	-150.00	-4.000	457.933	-2.00	584+0.000	458.013	457.556	0.456	4.000	457.933	-2.00	4.503	457.179	-150.00
-4.027	457.248	-150.00	-4.000	457.289	-2.00	585+0.000	457.369	456.938	0.431	4.000	457.289	-2.00	4.463	456.595	-150.00
-4.067	456.607	-150.00	-4.000	456.708	-2.00	586+0.000	456.788	456.334	0.454	4.000	456.708	-2.00	4.448	456.036	-150.00
-4.166	455.449	-150.00	-4.000	455.698	-2.00	587+0.000	455.778	455.271	0.507	4.000	455.698	-2.00	4.375	455.135	-150.00
-4.180	454.343	-150.00	-4.000	454.613	-2.00	588+0.000	454.693	454.247	0.447	4.000	454.613	-2.00	4.311	454.147	-150.00
-4.207	453.218	-150.00	-4.000	453.529	-2.00	589+0.000	453.609	453.157	0.452	4.000	453.529	-2.00	4.290	453.094	-150.00
-4.172	452.488	-150.00	-4.000	452.747	-2.00	590+0.000	452.827	452.373	0.453	4.000	452.747	-2.00	4.328	452.254	-150.00
-4.132	452.089	-150.00	-4.000	452.287	-2.00	591+0.000	452.367	451.944	0.423	4.000	452.287	-2.00	4.352	451.759	-150.00
-4.151	452.068	-150.00	-4.000	452.295	-2.00	592+0.000	452.375	451.912	0.462	4.000	452.295	-2.00	4.365	451.748	-150.00
-4.229	452.229	-150.00	-4.000	452.573	-2.00	593+0.000	452.653	452.073	0.580	4.000	452.573	-2.00	4.444	451.907	-150.00
-4.253	452.471	-150.00	-4.000	452.851	-2.00	594+0.000	452.931	452.382	0.549	4.000	452.851	-2.00	4.365	452.303	-150.00
-4.206	452.819	-150.00	-4.000	453.129	-2.00	595+0.000	453.209	452.727	0.482	4.000	453.129	-2.00	4.320	452.648	-150.00
-4.205	453.040	-150.00	-4.000	453.348	-2.00	596+0.000	453.428	452.973	0.454	4.000	453.348	-2.00	4.297	452.902	-150.00
-4.230	453.098	-150.00	-4.000	453.443	-2.00	597+0.000	453.523	453.035	0.488	4.000	453.443	-2.00	4.315	452.971	-150.00
-4.230	453.193	-150.00	-4.000	453.538	-2.00	598+0.000	453.618	453.138	0.480	4.000	453.538	-2.00	4.304	453.082	-150.00
-4.206	453.328	-150.00	-4.000	453.637	-2.00	599+0.000	453.717	453.267	0.450	4.000	453.637	-2.00	4.264	453.241	-150.00
-4.211	453.570	-150.00	-4.000	453.886	-2.00	600+0.000	453.966	453.485	0.480	4.000	453.886	-2.00	4.325	453.398	-150.00
-4.239	453.804	-150.00	-4.000	454.162	-2.00	601+0.000	454.242	453.731	0.511	4.000	454.162	-2.00	4.337	453.657	-150.00
-4.197	454.143	-150.00	-4.000	454.439	-2.00	602+0.000	454.519	454.067	0.451	4.000	454.439	-2.00	4.297	453.994	-150.00
-4.185	454.573	-150.00	-4.000	454.851	-2.00	603+0.000	454.931	454.488	0.443	4.000	454.851	-2.00	4.296	454.408	-150.00
-4.180	455.065	-150.00	-4.000	455.335	-2.00	604+0.000	455.415	454.981	0.434	4.000	455.335	-2.00	4.294	454.894	-150.00
-4.185	455.541	-150.00	-4.000	455.819	-2.00	605+0.000	455.899	455.457	0.442	4.000	455.819	-2.00	4.299	455.370	-150.00
-4.173	456.078	-150.00	-4.000	456.337	-2.00	606+0.000	456.417	455.973	0.445	4.000	456.337	-2.00	4.254	455.956	-150.00
-4.147	456.945	-150.00	-4.000	457.165	-2.00	607+0.000	457.245	456.831	0.414	4.000	457.165	-2.00	4.301	456.714	-150.00
-4.167	457.743	-150.00	-4.000	457.993	-2.00	608+0.000	458.073	457.628	0.445	4.000	457.993	-2.00	4.323	457.509	-150.00
-4.138	458.469	-150.00	-4.000	458.676	-2.00	609+0.000	458.756	458.377	0.379	4.000	458.676	-2.00	4.262	458.283	-150.00
-4.145	458.837	-150.00	-4.000	459.056	-2.00	610+0.000	459.136	458.714	0.421	4.000	459.056	-2.00	4.313	458.587	-150.00
-4.017	459.265	-150.00	-4.000	459.290	-2.00	611+0.000	459.370	458.952	0.418	4.000	459.290	-2.00	4.377	458.724	-150.00
-4.186	459.431	66.67	-4.000	459.307	-2.00	612+0.000	459.387	459.095	0.292	4.000	459.307	-2.00	4.375	458.745	-150.00
-4.023	459.290	-150.00	-4.000	459.324	-2.00	613+0.000	459.404	458.968	0.436	4.000	459.324	-2.00	4.477	458.609	-150.00
-4.021	459.384	66.67	-4.000	459.370	-2.00	614+0.000	459.450	459.053	0.398	4.000	459.370	-2.00	4.457	458.685	-150.00
-4.032	459.384	-150.00	-4.000	459.431	-2.00	615+0.000	459.511	459.071	0.440	4.000	459.431	-2.00	4.399	458.833	-150.00
-4.070	459.782	-150.00	-4.000	459.887	-2.00	616+0.000	459.967	459.595	0.372	4.000	459.887	-2.00	4.323	459.402	-150.00
-4.143	460.534	66.67	-4.000	460.439	-2.00	617+0.000	460.519	460.335	0.184	4.000	460.439	-2.00	4.204	460.133	-150.00
-4.040	460.931	-150.00	-4.000	460.990	-2.00	618+0.000	461.070	460.685	0.385	4.000	460.990	-2.00	4.265	460.593	-150.00
-4.122	461.222	-150.00	-4.000	461.405	-2.00	619+0.000	461.485	461.187	0.298	4.000	461.405	-2.00	4.197	461.110	-150.00
-4.080	461.721	-150.00	-4.000	461.842	-2.00	620+0.000	461.922	461.499	0.422	4.000	461.842	-2.00	4.387	461.261	-150.00
-4.120	462.189	-150.00	-4.000	462.369	-2.00	621+0.000	462.449	462.025	0.424	4.000	462.369	-2.00	4.344	461.852	-150.00
-4.113	462.732	-150.00	-4.000	462.902	-2.00	622+0.000	462.982	462.537	0.445	4.000	462.902	-2.00	4.275	462.489	-150.00
-4.218	463.392	-150.00	-4.000	463.719	-2.00	623+0.000	463.799	463.414	0.385	4.000	463.719	-2.00	4.181	463.447	-150.00
-4.232	464.199	-150.00	-4.000	464.548	-2.00	624+0.000	464.628	464.249	0.378	4.000	464.548	-2.00	4.132	464.349	-150.00
-4.162	465.133	-150.00	-4.000	465.376	-2.00	625+0.000	465.456	465.153	0.303	4.000	465.376	-2.00	4.153	465.146	-150.00
-4.136	466.000	-150.00	-4.000	466.205	-2.00	626+0.000	466.285	465.864	0.420	4.000	466.205	-2.00	4.321	465.722	-150.00
-4.189	466.058	-150.00	-4.000	466.342	-2.00	627+0.000	466.422	465.982	0.440	4.000	466.342	-2.00	4.292	465.904	-150.00
-4.192	465.842	-150.00	-4.000	466.130	-2.00	628+0.000	466.210	465.786	0.424	4.000	466.130	-2.00	4.235	465.778	-150.00
-4.288	466.450	-150.00	-4.000	466.882	-2.00	629+0.000	466.962	466.598	0.364	4.000	466.882	-2.00	4.095	466.739	-150.00
-4.326	467.195	-150.00	-4.000	467.684	-2.00	630+0.000	467.764	467.362	0.402	4.000	467.684	-2.00	4.099	467.535	-150.00
-4.363	468.017	-150.00	-4.000	468.562	-2.00	631+0.000	468.642	468.198	0.444	4.000	468.562	-2.00	4.100	468.413	-150.00
-4.370	469.038	-150.00	-4.000	469.594	-2.00	632+0.000	469.674	469.219	0.455	4.000	469.594	-2.00	4.136	469.390	-150.00
-4.401	469.934	-150.00	-4.000	470.536	-2.00	633+0.000	470.616	470.117	0.499	4.000	470.536	-2.00	4.164	470.290	-150.00
-4.289	471.208	-150.00	-4.000	471.642	-2.00	634+0.000	471.722	471.293	0.429	4.000	471.642	-2.00	4.178	471.375	-150.00
-4.339	472.397	-150.00	-4.000	472.905	-2.00	635+0.000	472.985	472.547	0.438	4.000	472.905	-2.00	4.144	472.690	-150.00
-4.349	473.357	-150.00	-4.000	473.880	-2.00	636+0.000	473.960	473.501	0.460	4.000	473.880	-2.00	4.161	473.638	-150.00
-4.356	474.140	-150.00	-4.000	474.675	-2.00	637+0.000	474.755	474.300	0.454	4.000	474.675	-2.00	4.110	474.509	-150.00
-4.564	474.475	-150.00	-4.000	475.321	-2.00	638+0.000	475.401	474.864	0.537	4.000	475.321	-2.00	4.073	475.212	-150.00
-4.749	474.842	-150.00	-4.000	475.965	-2.00	639+0.000	476.045	475.212	0.833	4.000	475.965	-2.00	4.279	475.546	-150.00
-4.638	475.652	-150.00	-4.000	476.609	-2.00	640+0.000	476.689	475.946	0.743	4.000	476.609	-2.00	4.236	476.255	-150.00
-4.510	476.488	-150.00	-4.000	477.253	-2.00	641+0.000	477.333	476.784	0.550	4.000	477.253	-2.00	4.132	477.055	-150.00

-4.406	477.439	-150.00	-4.000	478.048	-2.00	642+0.000	478.128	477.679	0.449	4.000	478.048	-2.00	4.027	478.008	-150.00
-4.437	478.466	-150.00	-4.000	479.122	-2.00	643+0.000	479.202	478.769	0.433	4.000	479.122	-2.00	4.030	479.077	-150.00
-4.381	479.653	-150.00	-4.000	480.224	-2.00	644+0.000	480.304	479.871	0.433	4.000	480.224	-2.00	4.052	480.147	-150.00
-4.160	481.075	-150.00	-4.000	481.315	-2.00	645+0.000	481.395	481.273	0.122	4.000	481.315	-2.00	4.238	481.474	66.67
-4.208	482.093	-150.00	-4.000	482.406	-2.00	646+0.000	482.486	482.337	0.149	4.000	482.406	-2.00	4.267	482.584	66.67
-4.261	483.105	-150.00	-4.000	483.497	-2.00	647+0.000	483.577	483.249	0.328	4.000	483.497	-2.00	4.138	483.589	66.67
-4.509	483.782	-150.00	-4.000	484.546	-2.00	648+0.000	484.626	484.013	0.613	4.000	484.546	-2.00	4.212	484.228	-150.00
-4.549	484.328	-150.00	-4.000	485.152	-2.00	649+0.000	485.232	484.617	0.614	4.000	485.152	-2.00	4.179	484.883	-150.00
-4.648	484.241	-150.00	-4.000	485.213	-2.00	650+0.000	485.293	484.495	0.799	4.000	485.213	-2.00	4.317	484.737	-150.00
-4.686	483.702	-150.00	-4.000	484.731	-2.00	651+0.000	484.811	484.060	0.751	4.000	484.731	-2.00	4.231	484.384	-150.00
-4.316	483.376	-150.00	-4.000	483.850	-2.00	652+0.000	483.930	483.718	0.212	4.000	483.850	-2.00	4.316	484.061	66.67
-4.326	482.461	-150.00	-4.000	482.951	-2.00	653+0.000	483.031	482.893	0.137	4.000	482.951	-2.00	4.650	483.384	66.67
-4.348	481.529	-150.00	-4.000	482.051	-2.00	654+0.000	482.131	481.967	0.164	4.000	482.051	-2.00	4.706	482.522	66.67
-4.273	480.742	-150.00	-4.000	481.151	-2.00	655+0.000	481.231	481.109	0.122	4.000	481.151	-2.00	4.520	481.498	66.67
-4.472	479.544	-150.00	-4.000	480.252	-2.00	656+0.000	480.332	479.879	0.453	4.000	480.252	-2.00	4.144	480.347	66.67
-4.523	478.738	-150.00	-4.000	479.523	-2.00	657+0.000	479.603	479.146	0.457	4.000	479.523	-2.00	4.011	479.507	-150.00
-4.524	478.040	-150.00	-4.000	478.826	-2.00	658+0.000	478.906	478.434	0.472	4.000	478.826	-2.00	4.027	478.786	-150.00
-4.590	477.375	-150.00	-4.000	478.259	-2.00	659+0.000	478.339	477.877	0.463	4.000	478.259	-2.00	4.170	478.373	66.67
-4.638	477.185	-150.00	-4.000	478.142	-2.00	660+0.000	478.222	477.697	0.526	4.000	478.142	-2.00			
-4.474	477.280	-150.00	-4.000	477.991	-2.00	661+0.000	478.071	477.681	0.389	4.000	477.991	-2.00	4.237	478.149	66.67
-4.331	477.322	-150.00	-4.000	477.818	-2.00	662+0.000	477.898	477.758	0.141	4.000	477.818	-2.00	4.629	478.238	66.67
-4.124	477.461	-150.00	-4.000	477.646	-2.00	663+0.000	477.726	477.875	-0.149	4.000	477.646	-2.00	5.115	478.390	66.67
-4.104	477.318	-150.00	-4.000	477.474	-2.00	664+0.000	477.554	477.767	-0.213	4.000	477.474	-2.00	5.311	478.348	66.67
-4.126	477.113	-150.00	-4.000	477.302	-2.00	665+0.000	477.382	477.601	-0.219	4.000	477.302	-2.00	5.335	478.192	66.67
-4.352	476.602	-150.00	-4.000	477.130	-2.00	666+0.000	477.210	477.118	0.092	4.000	477.130	-2.00	4.865	477.706	66.67
-4.561	476.117	-150.00	-4.000	476.958	-2.00	667+0.000	477.038	476.646	0.392	4.000	476.958	-2.00	4.278	477.143	66.67
-4.704	475.729	-150.00	-4.000	476.786	-2.00	668+0.000	476.866	476.339	0.526	4.000	476.786	-2.00	4.136	476.876	66.67
-4.698	475.567	-150.00	-4.000	476.613	-2.00	669+0.000	476.693	476.154	0.540	4.000	476.613	-2.00	4.074	476.663	66.67
-4.642	475.478	-150.00	-4.000	476.441	-2.00	670+0.000	476.521	476.069	0.453	4.000	476.441	-2.00	4.227	476.593	66.67
-4.566	475.469	-150.00	-4.000	476.318	-2.00	671+0.000	476.398	476.048	0.350	4.000	476.318	-2.00	4.329	476.537	66.67
-4.504	475.447	-150.00	-4.000	476.203	-2.00	672+0.000	476.283	476.017	0.266	4.000	476.203	-2.00	4.595	476.600	66.67
-4.477	475.373	-150.00	-4.000	476.089	-2.00	673+0.000	476.169	475.934	0.235	4.000	476.089	-2.00	4.594	476.484	66.67
-4.504	475.218	-150.00	-4.000	475.974	-2.00	674+0.000	476.054	475.631	0.423	4.000	475.974	-2.00	4.043	476.003	66.67
-4.575	475.084	-150.00	-4.000	475.946	-2.00	675+0.000	476.026	475.559	0.467	4.000	475.946	-2.00	4.006	475.936	-150.00
-4.671	474.845	-150.00	-4.000	475.852	-2.00	676+0.000	475.932	475.494	0.438	4.000	475.852	-2.00	4.020	475.866	66.67
-4.700	474.047	-150.00	-4.000	475.097	-2.00	677+0.000	475.177	474.715	0.462	4.000	475.097	-2.00	4.221	475.245	66.67
-4.814	473.077	-150.00	-4.000	474.297	-2.00	678+0.000	474.377	473.741	0.636	4.000	474.297	-2.00			
-4.901	472.146	-150.00	-4.000	473.498	-2.00	679+0.000	473.578	472.884	0.693	4.000	473.498	-2.00	4.007	473.488	-150.00
-4.910	471.333	-150.00	-4.000	472.698	-2.00	680+0.000	472.778	472.090	0.688	4.000	472.698	-2.00	4.019	472.710	66.67
-4.969	470.445	-150.00	-4.000	471.898	-2.00	681+0.000	471.978	471.211	0.767	4.000	471.898	-2.00	4.032	471.850	-150.00
-4.874	469.787	-150.00	-4.000	471.099	-2.00	682+0.000	471.179	470.504	0.675	4.000	471.099	-2.00	4.014	471.108	66.67
-4.659	469.351	-150.00	-4.000	470.340	-2.00	683+0.000	470.420	469.973	0.448	4.000	470.340	-2.00	4.451	470.641	66.67
-4.631	469.025	-150.00	-4.000	469.972	-2.00	684+0.000	470.052	469.607	0.445	4.000	469.972	-2.00	4.314	470.181	66.67
-4.647	468.831	-150.00	-4.000	469.802	-2.00	685+0.000	469.882	469.420	0.462	4.000	469.802	-2.00	4.233	469.957	66.67
-4.785	468.051	-150.00	-4.000	469.229	-2.00	686+0.000	469.309	468.664	0.645	4.000	469.229	-2.00	4.033	469.180	-150.00
-4.891	467.239	-150.00	-4.000	468.575	-2.00	687+0.000	468.655	467.706	0.949	4.000	468.575	-2.00	4.188	468.293	-150.00
-4.801	466.719	-150.00	-4.000	467.920	-2.00	688+0.000	468.000	467.351	0.649	4.000	467.920	-2.00	4.026	467.881	-150.00
-4.699	466.218	-150.00	-4.000	467.266	-2.00	689+0.000	467.346	466.764	0.582	4.000	467.266	-2.00	4.083	467.321	66.67
-4.562	465.673	-150.00	-4.000	466.516	-2.00	690+0.000	466.596	466.143	0.453	4.000	466.516	-2.00	4.405	466.786	66.67
-4.579	464.835	-150.00	-4.000	465.704	-2.00	691+0.000	465.784	465.405	0.378	4.000	465.704	-2.00	4.573	466.086	66.67
-4.564	464.046	-150.00	-4.000	464.891	-2.00	692+0.000	464.971	464.617	0.355	4.000	464.891	-2.00	4.416	465.169	66.67
-4.564	463.234	-150.00	-4.000	464.079	-2.00	693+0.000	464.159	463.805	0.355	4.000	464.079	-2.00	4.417	464.357	66.67
-4.712	462.198	-150.00	-4.000	463.267	-2.00	694+0.000	463.347	462.735	0.612	4.000	463.267	-2.00	4.048	463.195	-150.00
-4.504	461.791	-150.00	-4.000	462.546	-2.00	695+0.000	462.626	462.037	0.589	4.000	462.546	-2.00	4.159	462.307	-150.00
-4.675	461.102	-150.00	-4.000	462.115	-2.00	696+0.000	462.195	461.429	0.765	4.000	462.115	-2.00	4.250	461.739	-150.00
-4.646	460.715	-150.00	-4.000	461.683	-2.00	697+0.000	461.763	460.913	0.851	4.000	461.683	-2.00	4.340	461.174	-150.00
-4.589	460.369	-150.00	-4.000	461.252	-2.00	698+0.000	461.332	460.560	0.772	4.000	461.252	-2.00	4.296	460.808	-150.00
-4.419	460.193	-150.00	-4.000	460.821	-2.00	699+0.000	460.901	460.424	0.477	4.000	460.821	-2.00	4.121	460.640	-150.00
-4.390	459.805	-150.00	-4.000	460.390	-2.00	700+0.000	460.470	460.036	0.434	4.000	460.390	-2.00	4.067	460.289	-150.00
-4.312	459.488	-150.00	-4.000	459.957	-2.00	701+0.000	460.037	459.598	0.439	4.000	459.957	-2.00	4.051	459.880	-150.00
-4.260	459.122	-150.00	-4.000	459.512	-2.00	702+0.000	459.592	459.228	0.365	4.000	459.512	-2.00	4.123	459.328	-150.00
-4.384	458.493	-150.00	-4.000	459.068	-2.00	703+0.000	459.148	458.671	0.477	4.000	459.068	-2.00	4.152	458.840	-150.00
-4.410	458.009	-150.00	-4.000	458.624	-2.00	704+0.000	458.704	458.189	0.515	4.000	458.624	-2.00	4.177	458.359	-150.00
-4.353	457.650	-150.00	-4.000	458.180	-2.00	705+0.000	458.260	457.801	0.459	4.000	458.180	-2.00	4.156	457.945	-150.00
-4.337	457.027	-150.00	-4.000	457.532	-2.00	706+0.000	457.612	457.148	0.463	4.000	457.532	-2.00	4.184	457.255	-150.00
-4.339	456.349	-150.00	-4.000	456.858	-2.00	707+0.000	456.938	456.461	0.477	4.000	456.858	-2.00	4.193	456.568	-150.00
-4.293	455.745	-150.00	-4.000	456.184	-2.00	708+0.000	456.264	455.789	0.475	4.000	456.184	-2.00	4.208	455.872	-150.00
-4.264	455.095	-150.00	-4.000	455.492	-2.00	709+0.000	455.572	455.119	0.453	4.000	455.492	-2.00	4.234	455.141	-150.00
-4.259	454.384	-150.00	-4.000	454.773	-2.00	710+0.000	454.853	454.397	0.456	4.000	454.773	-2.00	4.242	454.410	-150.00
-4.255	453.559	-150.00	-4.000	453.942	-2.00	711+0.000	454.022	453.559	0.463	4.000	453.942	-2.00	4.241	453.580	-150.00
-4.241	452.770	-150.00	-4.000	453.131	-2.00	712+0.000	453.211	452.765	0.445	4.000	453.131	-2.00	4.223	452.797	-150.00
-4.221	452.106	-150.00	-4.000	452.438	-2.00	713+0.000	452.518	452.070	0.448	4.000	452.438	-2.00	4.270	452.033	-150.00
-4.238	451.531	-150.00	-4.000	451.889	-2.00	714+0.000	451.969	451.502	0.467	4.000	451.889	-2.00	4.278	451.472	-150.00
-4.238	451.193	-150.00	-4.000	451.549	-2.00	715+0.000	451.629	451.136	0.493	4.000	451.549	-2.00	4.313	451.079	-150.00
-4.216	450.928	-150.00	-4.000	451.251	-2.00	716+0.000	451.331	450.883	0.448	4.000	451.251	-2.00	4.231	450.905	-150.00
-4.222	451.116	-150.00	-4.000	451.448	-2.00	717+0.000	451.528	451.091	0.438	4.000	451.448	-2.00	4.255	451.065	-150.00
-4.226	451.400	-150.00	-4.000	451.739	-2.00	718+0.000	451.819	451.374	0.445	4.000	451.739	-2.00	4.261	451.348	-150.00
-4.221	451.698	-150.00	-4.000	452.030	-2.00	719+0.000	452.110	451.666	0.444	4.000	452.030	-2.00	4.260	451.640	-150.00
-4.239	451.986	-150.00	-4.000	452.344	-2.00	720+0.000	452.424	451.976	0.448	4.000	452.344	-2.00	4.226	452.006	-150.00
-4.275	452.336	-150.00	-4.000	452.748	-2.00	721+0.000	452.828	452.366	0.463	4.000	452.748	-2.00	4.236	452.395	-150.00
-4.283	452.324	-150.00	-4.000	452.748	-2.00	722+0.000	452.828	452.449	0.379	4.000	452.748	-2.00	4.159	452.509	-150.00

-4.309	452.164	-150.00	-4.000	452.627	-2.00	723+0.000	452.707	452.289	0.419	4.000	452.627	-2.00	4.146	452.409	-150.00
-4.301	452.055	-150.00	-4.000	452.506	-2.00	724+0.000	452.586	452.187	0.399	4.000	452.506	-2.00	4.133	452.307	-150.00
-4.312	451.918	-150.00	-4.000	452.385	-2.00	725+0.000	452.465	452.064	0.402	4.000	452.385	-2.00	4.084	452.259	-150.00
-4.374	451.706	-150.00	-4.000	452.268	-2.00	726+0.000	452.348	451.895	0.452	4.000	452.268	-2.00	4.123	452.084	-150.00
-4.459	451.733	-150.00	-4.000	452.422	-2.00	727+0.000	452.502	451.938	0.564	4.000	452.422	-2.00	4.195	452.130	-150.00
-4.567	451.808	-150.00	-4.000	452.658	-2.00	728+0.000	452.738	452.037	0.702	4.000	452.658	-2.00	4.282	452.236	-150.00
-4.664	451.899	-150.00	-4.000	452.895	-2.00	729+0.000	452.975	452.132	0.843	4.000	452.895	-2.00	4.363	452.350	-150.00
-4.578	452.265	-150.00	-4.000	453.131	-2.00	730+0.000	453.211	452.549	0.662	4.000	453.131	-2.00	4.214	452.810	-150.00
-4.543	452.553	-150.00	-4.000	453.368	-2.00	731+0.000	453.448	452.835	0.613	4.000	453.368	-2.00	4.183	453.094	-150.00
-4.477	452.889	-150.00	-4.000	453.604	-2.00	732+0.000	453.684	453.150	0.534	4.000	453.604	-2.00	4.142	453.391	-150.00
-4.440	453.181	-150.00	-4.000	453.841	-2.00	733+0.000	453.921	453.440	0.481	4.000	453.841	-2.00	4.107	453.680	-150.00
-4.436	453.365	-150.00	-4.000	454.018	-2.00	734+0.000	454.098	453.644	0.455	4.000	454.018	-2.00	4.079	453.960	-150.00
-4.438	453.404	-150.00	-4.000	454.061	-2.00	735+0.000	454.141	453.678	0.463	4.000	454.061	-2.00	4.101	453.910	-150.00
-4.444	453.244	-150.00	-4.000	453.910	-2.00	736+0.000	453.990	453.516	0.474	4.000	453.910	-2.00	4.126	453.721	-150.00
-4.457	453.018	-150.00	-4.000	453.704	-2.00	737+0.000	453.784	453.261	0.523	4.000	453.704	-2.00	4.158	453.467	-150.00
-4.476	452.784	-150.00	-4.000	453.498	-2.00	738+0.000	453.578	453.027	0.551	4.000	453.498	-2.00	4.163	453.253	-150.00
-4.473	452.633	-150.00	-4.000	453.343	-2.00	739+0.000	453.423	452.909	0.514	4.000	453.343	-2.00	4.145	453.125	-150.00
-4.863	452.368	-150.00	-4.000	453.662	-2.00	740+0.000	453.742	452.649	1.093	4.000	453.662	-2.00	4.501	452.909	-150.00
-4.881	452.658	-150.00	-4.000	453.980	-2.00	741+0.000	454.060	453.074	0.986	4.000	453.980	-2.00	4.375	453.418	-150.00
-4.841	453.037	-150.00	-4.000	454.299	-2.00	742+0.000	454.379	453.436	0.943	4.000	454.299	-2.00	4.337	453.792	-150.00
-4.689	453.583	-150.00	-4.000	454.617	-2.00	743+0.000	454.697	454.056	0.641	4.000	454.617	-2.00	4.098	454.470	-150.00
-4.603	454.031	-150.00	-4.000	454.936	-2.00	744+0.000	455.016	454.497	0.519	4.000	454.936	-2.00	4.021	454.904	-150.00
-4.673	453.941	-150.00	-4.000	454.950	-2.00	745+0.000	455.030	454.535	0.495	4.000	454.950	-2.00	4.234	455.106	66.67
-4.676	453.577	-150.00	-4.000	454.591	-2.00	746+0.000	454.671	454.213	0.458	4.000	454.591	-2.00	4.351	454.825	66.67
-4.790	452.912	-150.00	-4.000	454.096	-2.00	747+0.000	454.176	453.628	0.549	4.000	454.096	-2.00	4.249	454.263	66.67
-4.819	452.339	-150.00	-4.000	453.568	-2.00	748+0.000	453.648	453.100	0.548	4.000	453.568	-2.00	4.323	453.783	66.67
-4.748	451.918	-150.00	-4.000	453.040	-2.00	749+0.000	453.120	452.632	0.488	4.000	453.040	-2.00	4.430	453.326	66.67
-4.705	451.635	-150.00	-4.000	452.692	-2.00	750+0.000	452.772	452.337	0.436	4.000	452.692	-2.00	4.486	453.016	66.67
-4.813	451.591	-150.00	-4.000	452.811	-2.00	751+0.000	452.891	452.325	0.566	4.000	452.811	-2.00	4.241	452.971	66.67
-4.735	451.866	-150.00	-4.000	452.970	-2.00	752+0.000	453.050	452.578	0.472	4.000	452.970	-2.00	4.354	453.205	66.67
-4.716	452.055	-150.00	-4.000	453.129	-2.00	753+0.000	453.209	452.819	0.389	4.000	453.129	-2.00	4.643	453.557	66.67
-4.598	451.967	-150.00	-4.000	452.864	-2.00	754+0.000	452.944	452.633	0.310	4.000	452.864	-2.00	4.669	453.310	66.67
-4.287	451.358	-150.00	-4.000	451.788	-2.00	755+0.000	451.868	452.055	-0.187	4.000	451.788	-2.00	5.822	453.002	66.67
-4.100	450.559	-150.00	-4.000	450.710	-2.00	756+0.000	450.790	451.076	-0.286	4.000	450.710	-2.00	5.892	451.971	66.67
-4.206	449.322	-150.00	-4.000	449.631	-2.00	757+0.000	449.711	449.903	-0.192	4.000	449.631	-2.00	5.407	450.569	66.67
-4.464	447.858	-150.00	-4.000	448.553	-2.00	758+0.000	448.633	448.388	0.245	4.000	448.553	-2.00	4.602	448.955	66.67
-4.526	446.686	-150.00	-4.000	447.475	-2.00	759+0.000	447.555	447.166	0.389	4.000	447.475	-2.00	4.280	447.662	66.67
-4.437	446.015	-150.00	-4.000	446.670	-2.00	760+0.000	446.750	446.346	0.405	4.000	446.670	-2.00	4.017	446.645	-150.00
-4.754	445.922	-150.00	-4.000	447.053	-2.00	761+0.000	447.133	446.292	0.841	4.000	447.053	-2.00	4.273	446.644	-150.00
-4.709	446.372	-150.00	-4.000	447.435	-2.00	762+0.000	447.515	446.708	0.808	4.000	447.435	-2.00	4.281	447.014	-150.00
-4.445	447.326	-150.00	-4.000	447.993	-2.00	763+0.000	448.073	447.617	0.456	4.000	447.993	-2.00	4.040	447.934	-150.00
-4.485	449.043	-150.00	-4.000	449.770	-2.00	764+0.000	449.850	449.577	0.273	4.000	449.770	-2.00	4.213	449.912	66.67
-4.591	450.415	-150.00	-4.000	451.302	-2.00	765+0.000	451.382	450.936	0.447	4.000	451.302	-2.00	4.071	451.349	66.67
-4.559	451.222	-150.00	-4.000	452.061	-2.00	766+0.000	452.141	451.685	0.455	4.000	452.061	-2.00	4.020	452.030	-150.00
-4.491	451.611	-150.00	-4.000	452.347	-2.00	767+0.000	452.427	451.970	0.457	4.000	452.347	-2.00	4.092	452.209	-150.00
-4.483	451.706	-150.00	-4.000	452.430	-2.00	768+0.000	452.510	451.972	0.539	4.000	452.430	-2.00	4.132	452.232	-150.00
-4.675	451.478	-150.00	-4.000	452.490	-2.00	769+0.000	452.570	451.744	0.826	4.000	452.490	-2.00	4.333	451.991	-150.00
-4.756	451.416	-150.00	-4.000	452.550	-2.00	770+0.000	452.630	451.718	0.912	4.000	452.550	-2.00	4.398	451.953	-150.00
-4.909	451.246	-150.00	-4.000	452.610	-2.00	771+0.000	452.690	451.601	1.089	4.000	452.610	-2.00	4.458	451.923	-150.00
-4.785	451.493	-150.00	-4.000	452.670	-2.00	772+0.000	452.750	451.850	0.900	4.000	452.670	-2.00	4.338	452.163	-150.00
-4.713	451.660	-150.00	-4.000	452.730	-2.00	773+0.000	452.810	452.079	0.731	4.000	452.730	-2.00	4.154	452.499	-150.00
-4.605	451.882	-150.00	-4.000	452.789	-2.00	774+0.000	452.869	452.348	0.522	4.000	452.789	-2.00	4.023	452.755	-150.00
-4.547	452.024	-150.00	-4.000	452.844	-2.00	775+0.000	452.924	452.498	0.426	4.000	452.844	-2.00	4.126	452.928	66.67
-4.420	452.098	-150.00	-4.000	452.728	-2.00	776+0.000	452.808	452.570	0.238	4.000	452.728	-2.00	4.482	453.049	66.67
-4.101	452.334	-150.00	-4.000	452.485	-2.00	777+0.000	452.565	452.743	-0.178	4.000	452.485	-2.00	5.133	453.241	66.67
-4.141	452.031	-150.00	-4.000	452.243	-2.00	778+0.000	452.323	452.252	0.070	4.000	452.243	-2.00	4.519	452.588	66.67
-4.408	451.387	-150.00	-4.000	452.000	-2.00	779+0.000	452.080	451.673	0.406	4.000	452.000	-2.00	4.051	452.034	66.67
-4.490	450.595	-150.00	-4.000	451.329	-2.00	780+0.000	451.409	450.969	0.440	4.000	451.329	-2.00	4.017	451.305	-150.00
-4.466	449.649	-150.00	-4.000	450.348	-2.00	781+0.000	450.428	450.024	0.405	4.000	450.348	-2.00	4.018	450.360	66.67
-4.463	448.664	-150.00	-4.000	449.359	-2.00	782+0.000	449.439	448.980	0.459	4.000	449.359	-2.00	4.087	449.228	-150.00
-4.461	447.474	-150.00	-4.000	448.165	-2.00	783+0.000	448.245	447.798	0.447	4.000	448.165	-2.00	4.067	448.064	-150.00
-4.389	446.658	-150.00	-4.000	447.242	-2.00	784+0.000	447.322	446.882	0.440	4.000	447.242	-2.00	4.066	447.143	-150.00
-4.455	446.675	-150.00	-4.000	447.357	-2.00	785+0.000	447.437	446.909	0.528	4.000	447.357	-2.00	4.204	447.052	-150.00
-4.470	446.833	-150.00	-4.000	447.539	-2.00	786+0.000	447.619	447.042	0.577	4.000	447.539	-2.00	4.200	447.239	-150.00
-4.211	447.884	-150.00	-4.000	448.200	-2.00	787+0.000	448.280	447.845	0.435	4.000	448.200	-2.00	4.263	447.805	-150.00
-4.284	449.288	-150.00	-4.000	449.714	-2.00	788+0.000	449.794	449.352	0.442	4.000	449.714	-2.00	4.169	449.460	-150.00
-4.437	451.302	-150.00	-4.000	451.958	-2.00	789+0.000	452.038	451.365	0.673	4.000	451.958	-2.00	4.355	451.426	-150.00
-4.650	453.714	-150.00	-4.000	454.689	-2.00	790+0.000	454.769	453.720	1.049	4.000	454.689	-2.00	4.639	453.730	-150.00
-4.867	456.098	-150.00	-4.000	457.398	-2.00	791+0.000	457.478	456.120	1.358	4.000	457.398	-2.00	4.838	456.140	-150.00
-4.736	458.484	-150.00	-4.000	459.589	-2.00	792+0.000	459.669	458.507	1.161	4.000	459.589	-2.00	4.705	458.530	-150.00
-4.413	460.435	-150.00	-4.000	461.054	-2.00	793+0.000	461.134	460.636	0.498	4.000	461.054	-2.00	4.323	460.569	-150.00
-4.534	460.994	-150.00	-4.000	461.795	-2.00	794+0.000	461.875	461.221	0.654	4.000	461.795	-2.00	4.237	461.439	-150.00
-4.378	461.243	-150.00	-4.000	461.809	-2.00	795+0.000	461.889	461.541	0.348	4.000	461.809	-2.00	4.026	461.827	66.67
-4.382	460.526	-150.00	-4.000	461.099	-2.00	796+0.000	461.179	460.759	0.420	4.000	461.099	-2.00	4.082	460.976	-150.00
-4.296	459.331	-150.00	-4.000	459.775	-2.00	797+0.000	459.855	459.629	0.226	4.000	459.775	-2.00	4.220	459.922	66.67
-4.391	457.793	-150.00	-4.000	458.379	-2.00	798+0.000	458.459	458.062	0.397	4.000	458.379	-2.00	4.008	458.366	-150.00
-4.488	456.437	-150.00	-4.000	457.170	-2.00	799+0.000	457.250	456.791	0.458	4.000	457.170	-2.00	4.039	457.110	-150.00
-4.500	455.286	-150.00	-4.000	456.037	-2.00	800+0.000	456.117	455.654	0.463	4.000	456.037	-2.00	4.042	455.973	-150.00
-4.665	453.857	-150.00	-4.000	454.853	-2.00	801+0.000	454.933	454.137	0.796	4.000	454.853	-2.00	4.291	454.418	-150.00
-4.782	452.498	-150.00	-4.000	453.670	-2.00	802+0.000	453.750	452.770	0.981	4.000	453.670	-2.00	4.433	453.021	-150.00
-4.815	451.264	-150.00	-4.000	452.487	-2.00	803+0.000	452.567	451.587	0.980	4.000	452.487	-2.00	4.422	451.853	-150.00

Osvaldo Leoncio d... Filho
Diretor de Edificações
Projetos e Obras - SEED
Secretaria...

-4.777	450.138	-150.00	-4.000	451.304	-2.00	804+0.000	451.384	450.449	0.935	4.000	451.304	-2.00	4.265	450.907	-150.00
-4.775	448.958	-150.00	-4.000	450.121	-2.00	805+0.000	450.201	449.438	0.762	4.000	450.121	-2.00	4.129	449.926	-150.00
-4.756	447.803	-150.00	-4.000	448.937	-2.00	806+0.000	449.017	448.350	0.668	4.000	448.937	-2.00	4.079	448.819	-150.00
-4.659	446.766	-150.00	-4.000	447.754	-2.00	807+0.000	447.834	447.266	0.568	4.000	447.754	-2.00	4.030	447.710	-150.00
-4.612	445.719	-150.00	-4.000	446.637	-2.00	808+0.000	446.717	446.256	0.462	4.000	446.637	-2.00	4.152	446.739	66.67
-4.514	445.216	-150.00	-4.000	445.987	-2.00	809+0.000	446.067	445.627	0.440	4.000	445.987	-2.00	4.191	446.114	66.67
-4.556	445.072	-150.00	-4.000	445.906	-2.00	810+0.000	445.986	445.467	0.519	4.000	445.906	-2.00	4.026	445.868	-150.00
-4.619	445.110	-150.00	-4.000	446.039	-2.00	811+0.000	446.119	445.514	0.605	4.000	446.039	-2.00	4.032	445.990	-150.00
-4.674	445.169	-150.00	-4.000	446.180	-2.00	812+0.000	446.260	445.749	0.511	4.000	446.180	-2.00	4.082	446.235	66.67
-4.867	445.051	-150.00	-4.000	446.351	-2.00	813+0.000	446.431	445.687	0.744	4.000	446.351	-2.00	4.086	446.221	-150.00
-5.030	444.977	-150.00	-4.000	446.522	-2.00	814+0.000	446.602	445.619	0.984	4.000	446.522	-2.00	4.242	446.159	-150.00
-5.141	444.982	-150.00	-4.000	446.693	-2.00	815+0.000	446.773	445.568	1.205	4.000	446.693	-2.00	4.416	446.068	-150.00
-5.133	445.165	-150.00	-4.000	446.864	-2.00	816+0.000	446.944	445.599	1.344	4.000	446.864	-2.00	4.496	446.120	-150.00
-4.973	445.575	-150.00	-4.000	447.035	-2.00	817+0.000	447.115	446.041	1.074	4.000	447.035	-2.00	4.442	446.371	-150.00
-4.439	446.550	-150.00	-4.000	447.209	-2.00	818+0.000	447.289	446.827	0.462	4.000	447.209	-2.00	4.085	447.082	-150.00
-4.395	447.996	-150.00	-4.000	448.588	-2.00	819+0.000	448.668	448.293	0.375	4.000	448.588	-2.00	4.035	448.535	-150.00
-4.394	449.760	-150.00	-4.000	450.352	-2.00	820+0.000	450.432	449.991	0.441	4.000	450.352	-2.00	4.097	450.206	-150.00
-4.441	451.690	-150.00	-4.000	452.352	-2.00	821+0.000	452.432	451.956	0.476	4.000	452.352	-2.00	4.186	452.073	-150.00
-4.473	453.644	-150.00	-4.000	454.353	-2.00	822+0.000	454.433	453.837	0.596	4.000	454.353	-2.00	4.238	453.996	-150.00
-4.440	455.663	-150.00	-4.000	456.323	-2.00	823+0.000	456.403	455.962	0.442	4.000	456.323	-2.00	4.076	456.209	-150.00
-4.412	457.020	-150.00	-4.000	457.638	-2.00	824+0.000	457.718	457.374	0.344	4.000	457.638	-2.00	4.097	457.703	66.67
-4.405	458.094	-150.00	-4.000	458.701	-2.00	825+0.000	458.781	458.383	0.398	4.000	458.701	-2.00			
-4.325	458.645	-150.00	-4.000	459.132	-2.00	826+0.000	459.212	459.013	0.199	4.000	459.132	-2.00	4.381	459.386	66.67
-4.504	458.137	-150.00	-4.000	458.893	-2.00	827+0.000	458.973	458.464	0.508	4.000	458.893	-2.00	4.027	458.853	-150.00
-4.415	457.360	-150.00	-4.000	457.983	-2.00	828+0.000	458.063	457.815	0.247	4.000	457.983	-2.00	4.434	458.272	66.67
-4.416	455.828	-150.00	-4.000	456.453	-2.00	829+0.000	456.533	456.262	0.271	4.000	456.453	-2.00	4.356	456.690	66.67
-4.508	454.036	-150.00	-4.000	454.798	-2.00	830+0.000	454.878	454.526	0.352	4.000	454.798	-2.00	4.283	454.987	66.67
-4.556	452.244	-150.00	-4.000	453.077	-2.00	831+0.000	453.157	452.699	0.458	4.000	453.077	-2.00	4.039	453.103	66.67
-4.710	450.185	-150.00	-4.000	451.251	-2.00	832+0.000	451.331	450.548	0.782	4.000	451.251	-2.00	4.250	450.876	-150.00
-4.476	448.711	-150.00	-4.000	449.424	-2.00	833+0.000	449.504	448.959	0.545	4.000	449.424	-2.00	4.156	449.190	-150.00
-4.372	447.344	-150.00	-4.000	447.902	-2.00	834+0.000	447.982	447.566	0.416	4.000	447.902	-2.00	4.102	447.749	-150.00
-4.473	446.373	-150.00	-4.000	447.083	-2.00	835+0.000	447.163	446.530	0.632	4.000	447.083	-2.00	4.268	446.681	-150.00
-4.418	445.649	-150.00	-4.000	446.277	-2.00	836+0.000	446.357	445.791	0.566	4.000	446.277	-2.00	4.236	445.922	-150.00
-4.282	445.270	-150.00	-4.000	445.693	-2.00	837+0.000	445.773	445.335	0.438	4.000	445.693	-2.00	4.199	445.395	-150.00
-4.272	445.267	-150.00	-4.000	445.675	-2.00	838+0.000	445.755	445.314	0.441	4.000	445.675	-2.00	4.201	445.373	-150.00
-4.278	445.515	-150.00	-4.000	445.931	-2.00	839+0.000	446.011	445.575	0.436	4.000	445.931	-2.00	4.194	445.641	-150.00
-4.283	446.011	-150.00	-4.000	446.436	-2.00	840+0.000	446.516	446.071	0.445	4.000	446.436	-2.00	4.215	446.114	-150.00
-4.260	446.742	-150.00	-4.000	447.131	-2.00	841+0.000	447.211	446.792	0.419	4.000	447.131	-2.00	4.192	446.843	-150.00
-4.373	447.386	-150.00	-4.000	447.945	-2.00	842+0.000	448.025	447.593	0.431	4.000	447.945	-2.00	4.104	447.788	-150.00
-4.333	448.538	-150.00	-4.000	449.037	-2.00	843+0.000	449.117	448.744	0.373	4.000	449.037	-2.00	4.069	448.934	-150.00
-4.401	449.524	-150.00	-4.000	450.126	-2.00	844+0.000	450.206	449.754	0.453	4.000	450.126	-2.00	4.120	449.946	-150.00
-4.396	450.215	-150.00	-4.000	450.810	-2.00	845+0.000	450.890	450.445	0.444	4.000	450.810	-2.00	4.067	450.709	-150.00
-4.398	450.930	-150.00	-4.000	451.527	-2.00	846+0.000	451.607	451.322	0.286	4.000	451.527	-2.00	4.260	451.701	66.67
-4.511	451.407	-150.00	-4.000	452.173	-2.00	847+0.000	452.253	451.801	0.451	4.000	452.173	-2.00	4.021	452.141	-150.00
-4.465	451.484	-150.00	-4.000	452.183	-2.00	848+0.000	452.263	451.847	0.416	4.000	452.183	-2.00	4.006	452.174	-150.00
-4.399	451.663	-150.00	-4.000	452.261	-2.00	849+0.000	452.341	451.894	0.447	4.000	452.261	-2.00	4.101	452.110	-150.00
-4.343	452.105	-150.00	-4.000	452.620	-2.00	850+0.000	452.700	452.335	0.365	4.000	452.620	-2.00	4.087	452.489	-150.00
-4.305	452.637	-150.00	-4.000	453.095	-2.00	851+0.000	453.175	452.798	0.377	4.000	453.095	-2.00	4.097	452.950	-150.00
-4.310	453.105	-150.00	-4.000	453.570	-2.00	852+0.000	453.650	453.260	0.389	4.000	453.570	-2.00	4.127	453.379	-150.00
-4.314	453.617	-150.00	-4.000	454.087	-2.00	853+0.000	454.167	453.713	0.454	4.000	454.087	-2.00	4.187	453.807	-150.00
-4.303	454.221	-150.00	-4.000	454.675	-2.00	854+0.000	454.755	454.258	0.497	4.000	454.675	-2.00	4.253	454.295	-150.00
-4.295	454.819	-150.00	-4.000	455.262	-2.00	855+0.000	455.342	454.849	0.493	4.000	455.262	-2.00	4.263	454.868	-150.00
-4.256	455.465	-150.00	-4.000	455.849	-2.00	856+0.000	455.929	455.464	0.465	4.000	455.849	-2.00	4.257	455.464	-150.00
-4.215	456.114	-150.00	-4.000	456.437	-2.00	857+0.000	456.517	456.080	0.437	4.000	456.437	-2.00	4.261	456.045	-150.00
-4.224	456.689	-150.00	-4.000	457.024	-2.00	858+0.000	457.104	456.663	0.441	4.000	457.024	-2.00	4.257	456.638	-150.00
-4.230	457.241	-150.00	-4.000	457.586	-2.00	859+0.000	457.666	457.216	0.450	4.000	457.586	-2.00	4.284	457.160	-150.00
-4.210	457.616	-150.00	-4.000	457.931	-2.00	860+0.000	458.011	457.558	0.452	4.000	457.931	-2.00	4.287	457.500	-150.00
-4.210	457.886	-150.00	-4.000	458.201	-2.00	861+0.000	458.281	457.810	0.471	4.000	458.201	-2.00	4.313	457.732	-150.00
-4.196	458.142	-150.00	-4.000	458.435	-2.00	862+0.000	458.515	458.077	0.438	4.000	458.435	-2.00	4.290	458.001	-150.00
-4.121	458.488	-150.00	-4.000	458.670	-2.00	863+0.000	458.750	458.328	0.422	4.000	458.670	-2.00	4.340	458.159	-150.00
-4.146	458.894	-150.00	-4.000	459.112	-2.00	864+0.000	459.192	458.743	0.450	4.000	459.112	-2.00	4.373	458.552	-150.00
-4.188	459.408	-150.00	-4.000	459.690	-2.00	865+0.000	459.770	459.234	0.536	4.000	459.690	-2.00	4.427	459.050	-150.00
-4.128	460.131	-150.00	-4.000	460.322	-2.00	866+0.000	460.402	459.997	0.406	4.000	460.322	-2.00	4.301	459.870	-150.00
-4.088	460.915	-150.00	-4.000	461.047	-2.00	867+0.000	461.127	460.781	0.345	4.000	461.047	-2.00	4.270	460.642	-150.00
-4.132	461.611	-150.00	-4.000	461.809	-2.00	868+0.000	461.889	461.445	0.444	4.000	461.809	-2.00	4.252	461.431	-150.00
-4.284	463.080	-150.00	-4.000	463.506	-2.00	869+0.000	463.586	463.147	0.438	4.000	463.506	-2.00	4.211	463.190	-150.00
-4.322	464.706	-150.00	-4.000	465.189	-2.00	870+0.000	465.269	464.827	0.443	4.000	465.189	-2.00	4.215	464.866	-150.00
-4.363	466.068	-150.00	-4.000	466.613	-2.00	871+0.000	466.693	466.228	0.465	4.000	466.613	-2.00	4.157	466.377	-150.00
-4.387	467.433	-150.00	-4.000	468.014	-2.00	872+0.000	468.094	467.650	0.443	4.000	468.014	-2.00	4.109	467.850	-150.00
-4.413	468.642	-150.00	-4.000	469.262	-2.00	873+0.000	469.342	468.883	0.459	4.000	469.262	-2.00	4.075	469.149	-150.00
-4.414	469.866	-150.00	-4.000	470.487	-2.00	874+0.000	470.567	470.117	0.449	4.000	470.487	-2.00	4.091	470.351	-150.00
-4.418	471.005	-150.00	-4.000	471.633	-2.00	875+0.000	471.713	471.264	0.448	4.000	471.633	-2.00	4.086	471.504	-150.00
-4.479	471.994	-150.00	-4.000	472.712	-2.00	876+0.000	472.792	472.264	0.527	4.000	472.712	-2.00	4.132	472.514	-150.00
-4.318	473.313	-150.00	-4.000	473.790	-2.00	877+0.000	473.870	473.376	0.494	4.000	473.790	-2.00	4.148	473.568	-150.00
-4.318	474.384	-150.00	-4.000	474.861	-2.00	878+0.000	474.941	474.474	0.467	4.000	474.861	-2.00	4.154	474.629	-150.00
-4.280	475.505	-150.00	-4.000	475.925	-2.00	879+0.000	476.005	475.545	0.460	4.000	475.925	-2.00	4.195	475.633	-150.00
-4.520	475.975	-150.00	-4.000	476.755	-2.00	880+0.000	476.835	476.377	0.458	4.000	476.755	-2.00	4.018	476.728	-150.00
-4.522	476.374	-150.00	-4.000	477.157	-2.00	881+0.000	477.237	476.776	0.461	4.000	477.157	-2.00	4.016	477.133	-150.00
-4.473	476.323	-150.00	-4.000	477.033	-2.00	882+0.000	477.113	476.699	0.414	4.000	477.033	-2.00	4.111	477.107	66.67
-4.251	476.406	-150.00	-4.000	476.782	-2.00	883+0.000	476.862	476.661	0.201	4.000	476.782	-2.00	4.220	476.929	66.67
-4.480	475.811	-150.00	-4.000	476.532	-2.00	884+0.000	476.612	476.189	0.423	4.000	476.532	-2.00	4.011	476.539	66.67

Secretaria de Infraestrutura

-4.493	475.127	-150.00	-4.000	475.866	-2.00	885+0.000	475.946	475.481	0.465	4.000	475.866	-2.00	4.109	475.939	66.67
-4.274	474.495	-150.00	-4.000	474.906	-2.00	886+0.000	474.986	474.740	0.246	4.000	474.906	-2.00	4.111	474.980	66.67
-4.663	472.950	-150.00	-4.000	473.945	-2.00	887+0.000	474.025	473.400	0.625	4.000	473.945	-2.00	4.171	474.059	66.67
-4.765	471.833	-150.00	-4.000	472.981	-2.00	888+0.000	473.061	472.620	0.441	4.000	472.981	-2.00	4.561	473.355	66.67
-4.632	470.978	-150.00	-4.000	471.926	-2.00	889+0.000	472.006	471.458	0.548	4.000	471.926	-2.00	4.368	472.171	66.67
-4.567	469.670	-150.00	-4.000	470.520	-2.00	890+0.000	470.600	470.135	0.466	4.000	470.520	-2.00	4.038	470.546	66.67
-4.518	467.838	-150.00	-4.000	468.616	-2.00	891+0.000	468.696	468.245	0.451	4.000	468.616	-2.00	4.500	468.949	66.67
-4.728	466.129	-150.00	-4.000	467.221	-2.00	892+0.000	467.301	466.756	0.545	4.000	467.221	-2.00	4.123	467.303	66.67
-4.738	464.908	-150.00	-4.000	466.015	-2.00	893+0.000	466.095	465.541	0.554	4.000	466.015	-2.00	4.116	466.092	66.67
-4.599	463.911	-150.00	-4.000	464.809	-2.00	894+0.000	464.889	464.345	0.544	4.000	464.809	-2.00			
-4.506	463.197	-150.00	-4.000	463.956	-2.00	895+0.000	464.036	463.595	0.441	4.000	463.956	-2.00			
-4.561	462.621	-150.00	-4.000	463.462	-2.00	896+0.000	463.542	463.117	0.426	4.000	463.462	-2.00	4.342	463.690	66.67
-4.650	462.670	-150.00	-4.000	463.646	-2.00	897+0.000	463.726	463.245	0.481	4.000	463.646	-2.00	4.173	463.761	66.67
-4.542	462.548	-150.00	-4.000	463.361	-2.00	898+0.000	463.441	462.979	0.462	4.000	463.361	-2.00			
-4.325	462.531	-150.00	-4.000	463.019	-2.00	899+0.000	463.099	462.806	0.293	4.000	463.019	-2.00	4.069	463.065	66.67
-4.432	462.028	-150.00	-4.000	462.677	-2.00	900+0.000	462.757	462.347	0.409	4.000	462.677	-2.00	4.026	462.637	-150.00
-4.444	461.688	-150.00	-4.000	462.354	-2.00	901+0.000	462.434	461.936	0.498	4.000	462.354	-2.00	4.083	462.230	-150.00
-4.856	460.858	-150.00	-4.000	462.142	-2.00	902+0.000	462.222	461.446	0.776	4.000	462.142	-2.00	4.131	461.945	-150.00
-4.676	460.915	-150.00	-4.000	461.930	-2.00	903+0.000	462.010	461.519	0.491	4.000	461.930	-2.00	4.197	462.061	66.67
-4.622	460.277	-150.00	-4.000	461.210	-2.00	904+0.000	461.290	460.840	0.449	4.000	461.210	-2.00	4.389	461.469	66.67
-4.767	459.548	-150.00	-4.000	460.698	-2.00	905+0.000	460.778	460.321	0.457	4.000	460.698	-2.00	4.540	461.058	66.67
-4.739	458.942	-150.00	-4.000	460.050	-2.00	906+0.000	460.130	459.611	0.519	4.000	460.050	-2.00	4.239	460.209	66.67
-4.747	457.834	-150.00	-4.000	458.955	-2.00	907+0.000	459.035	458.414	0.620	4.000	458.955	-2.00	4.089	459.014	66.67
-4.333	457.360	-150.00	-4.000	457.859	-2.00	908+0.000	457.939	457.744	0.195	4.000	457.859	-2.00	4.783	458.381	66.67
-4.021	456.732	-150.00	-4.000	456.764	-2.00	909+0.000	456.844	457.218	-0.374	4.000	456.764	-2.00	5.717	457.909	66.67
-4.047	455.599	-150.00	-4.000	455.668	-2.00	910+0.000	455.748	456.232	-0.484	4.000	455.668	-2.00	6.332	457.223	66.67
-4.401	453.971	-150.00	-4.000	454.573	-2.00	911+0.000	454.653	454.447	0.207	4.000	454.573	-2.00	5.058	455.278	66.67
-4.679	452.569	-150.00	-4.000	453.587	-2.00	912+0.000	453.667	453.199	0.468	4.000	453.587	-2.00	4.356	453.824	66.67
-4.789	451.533	-150.00	-4.000	452.716	-2.00	913+0.000	452.796	452.160	0.637	4.000	452.716	-2.00	4.020	452.686	-150.00
-4.977	450.380	-150.00	-4.000	451.846	-2.00	914+0.000	451.926	451.031	0.895	4.000	451.846	-2.00	4.179	451.578	-150.00
-4.975	449.513	-150.00	-4.000	450.976	-2.00	915+0.000	451.056	450.041	1.015	4.000	450.976	-2.00	4.173	450.717	-150.00
-4.774	448.945	-150.00	-4.000	450.106	-2.00	916+0.000	450.186	449.570	0.616	4.000	450.106	-2.00	4.008	450.094	-150.00
-4.762	448.067	-150.00	-4.000	449.211	-2.00	917+0.000	449.291	448.773	0.517	4.000	449.211	-2.00	4.301	449.411	66.67
-4.550	447.452	-150.00	-4.000	448.276	-2.00	918+0.000	448.356	447.757	0.599	4.000	448.276	-2.00	4.156	448.380	66.67
-4.448	446.671	-150.00	-4.000	447.342	-2.00	919+0.000	447.422	447.049	0.373	4.000	447.342	-2.00	4.081	447.396	66.67
-4.352	445.880	-150.00	-4.000	446.408	-2.00	920+0.000	446.488	446.293	0.196	4.000	446.408	-2.00	4.442	446.703	66.67
-4.422	444.841	-150.00	-4.000	445.474	-2.00	921+0.000	445.554	445.187	0.367	4.000	445.474	-2.00	4.161	445.581	66.67
-4.296	444.190	-150.00	-4.000	444.635	-2.00	922+0.000	444.715	444.363	0.352	4.000	444.635	-2.00	4.009	444.641	66.67
-4.098	443.769	-150.00	-4.000	443.916	-2.00	923+0.000	443.996	443.986	0.010	4.000	443.916	-2.00	4.458	444.221	66.67
-4.038	443.222	66.67	-4.000	443.196	-2.00	924+0.000	443.276	443.459	-0.182	4.000	443.196	-2.00	4.818	443.742	66.67
-4.459	442.783	66.67	-4.000	442.477	-2.00	925+0.000	442.557	442.821	-0.264	4.000	442.477	-2.00	4.898	443.076	66.67
-4.504	442.094	66.67	-4.000	441.758	-2.00	926+0.000	441.838	442.202	-0.363	4.000	441.758	-2.00	4.838	442.317	66.67
-4.807	441.577	66.67	-4.000	441.039	-2.00	927+0.000	441.119	441.667	-0.548	4.000	441.039	-2.00	5.085	441.762	66.67
-4.806	440.857	66.67	-4.000	440.320	-2.00	928+0.000	440.400	440.747	-0.347	4.000	440.320	-2.00	4.486	440.644	66.67
-4.049	439.528	-150.00	-4.000	439.601	-2.00	929+0.000	439.681	439.419	0.262	4.000	439.601	-2.00	4.197	439.306	-150.00
-4.006	438.855	-150.00	-4.000	438.864	-2.00	930+0.000	438.944	438.560	0.384	4.000	438.864	-2.00	4.420	438.235	-150.00
-4.031	438.050	-150.00	-4.000	438.097	-2.00	931+0.000	438.177	437.745	0.432	4.000	438.097	-2.00	4.438	437.439	-150.00
-4.185	437.827	66.67	-4.000	437.703	-2.00	932+0.000	437.783	437.337	0.446	4.000	437.703	-2.00	4.467	437.003	-150.00
-4.074	437.550	66.67	-4.000	437.501	-2.00	933+0.000	437.581	437.152	0.429	4.000	437.501	-2.00	4.432	436.854	-150.00
-4.168	437.727	66.67	-4.000	437.615	-2.00	934+0.000	437.695	437.255	0.440	4.000	437.615	-2.00	4.586	436.736	-150.00
-4.241	438.154	66.67	-4.000	437.993	-2.00	935+0.000	438.073	437.625	0.449	4.000	437.993	-2.00	4.589	437.110	-150.00
-4.247	439.118	66.67	-4.000	438.953	-2.00	936+0.000	439.033	438.617	0.416	4.000	438.953	-2.00	4.584	438.077	-150.00
-4.398	440.745	66.67	-4.000	440.480	-2.00	937+0.000	440.560	440.120	0.440	4.000	440.480	-2.00	4.684	439.454	-150.00
-4.460	442.575	66.67	-4.000	442.269	-2.00	938+0.000	442.349	441.918	0.431	4.000	442.269	-2.00	4.690	441.234	-150.00
-4.428	444.338	66.67	-4.000	444.053	-2.00	939+0.000	444.133	443.686	0.448	4.000	444.053	-2.00	4.708	442.991	-150.00
-4.681	445.718	66.67	-4.000	445.264	-2.00	940+0.000	445.344	444.866	0.478	4.000	445.264	-2.00	4.854	443.983	-150.00
-4.505	446.008	66.67	-4.000	445.672	-2.00	941+0.000	445.752	445.281	0.471	4.000	445.672	-2.00	4.788	444.490	-150.00
-4.131	444.437	66.67	-4.000	444.349	-2.00	942+0.000	444.429	443.905	0.524	4.000	444.349	-2.00	4.784	443.173	-150.00
-4.142	442.814	-150.00	-4.000	443.027	-2.00	943+0.000	443.107	442.376	0.731	4.000	443.027	-2.00	4.824	441.790	-150.00
-4.043	441.640	-150.00	-4.000	441.704	-2.00	944+0.000	441.784	441.174	0.610	4.000	441.704	-2.00	4.768	440.552	-150.00
-4.198	440.882	66.67	-4.000	440.750	-2.00	945+0.000	440.830	440.387	0.443	4.000	440.750	-2.00	4.533	439.951	-150.00
-4.191	440.379	66.67	-4.000	440.251	-2.00	946+0.000	440.331	439.881	0.451	4.000	440.251	-2.00	4.578	439.385	-150.00
-4.160	439.836	66.67	-4.000	439.729	-2.00	947+0.000	439.809	439.351	0.458	4.000	439.729	-2.00	4.611	438.814	-150.00
-4.294	439.230	66.67	-4.000	439.034	-2.00	948+0.000	439.114	438.730	0.384	4.000	439.034	-2.00	4.556	438.199	-150.00
-4.370	438.451	66.67	-4.000	438.204	-2.00	949+0.000	438.284	438.011	0.274	4.000	438.204	-2.00	4.426	437.565	-150.00
-4.091	437.432	66.67	-4.000	437.372	-2.00	950+0.000	437.452	437.032	0.419	4.000	437.372	-2.00	4.521	436.590	-150.00
-4.059	436.257	-150.00	-4.000	436.346	-2.00	951+0.000	436.426	435.940	0.486	4.000	436.346	-2.00	4.505	435.589	-150.00
-4.166	434.847	-150.00	-4.000	435.097	-2.00	952+0.000	435.177	434.556	0.620	4.000	435.097	-2.00	4.515	434.325	-150.00
-4.026	434.180	-150.00	-4.000	434.218	-2.00	953+0.000	434.298	433.860	0.438	4.000	434.218	-2.00	4.476	433.504	-150.00
-4.085	434.257	-150.00	-4.000	434.385	-2.00	954+0.000	434.465	434.046	0.420	4.000	434.385	-2.00	4.420	433.755	-150.00
-4.101	434.640	-150.00	-4.000	434.792	-2.00	955+0.000	434.872	434.425	0.447	4.000	434.792	-2.00	4.399	434.194	-150.00
-4.161	434.933	-150.00	-4.000	435.174	-2.00	956+0.000	435.254	434.793	0.461	4.000	435.174	-2.00	4.352	434.647	-150.00
-4.197	434.938	-150.00	-4.000	435.233	-2.00	957+0.000	435.313	434.832	0.480	4.000	435.233	-2.00	4.319	434.754	-150.00
-4.262	434.712	-150.00	-4.000	435.105	-2.00	958+0.000	435.185	434.723	0.461	4.000	435.105	-2.00	4.247	434.735	-150.00
-4.256	434.117	-150.00	-4.000	434.501	-2.00	959+0.000	434.581	434.154	0.428	4.000	434.501	-2.00	4.224	434.165	-150.00
-4.263	433.503	-150.00	-4.000	433.898	-2.00	960+0.000	433.978	433.535	0.443	4.000	433.898	-2.00	4.213	433.578	-150.00
-4.278	432.877	-150.00	-4.000	433.294	-2.00	961+0.000	433.374	432.921	0.454	4.000	433.294	-2.00	4.220	432.964	-150.00
-4.292	432.179	-150.00	-4.000	432.617	-2.00	962+0.000	432.697	432.236	0.461	4.000	432.617	-2.00	4.217	432.292	-150.00
-4.255	431.499	-150.00	-4.000	431.882	-2.00	963+0.000	431.962	431.523	0.438	4.000	431.882	-2.00	4.223	431.547	-150.00
-4.271	430.866	-150.00	-4.000	431.272	-2.00	964+0.000	431.352	430.917	0.435	4.000	431.272	-2.00	4.204	430.966	-150.00
-4.256	430.569	-150.00	-4.000	430.952	-2.00	965+0.000	431.032	430.582	0.451	4.000	430.952	-2.00	4.239	430.594	-150.00

Osvaldo Leôncio
Diretor de Licitação
Processos e Obras
Secretaria

-4.253	430.534	-150.00	-4.000	430.913	-2.00	966+0.000	430.993	430.548	0.445	4.000	430.913	-2.00	4.234	430.562	-150.00
-4.250	430.574	-150.00	-4.000	430.949	-2.00	967+0.000	431.029	430.572	0.458	4.000	430.949	-2.00	4.244	430.583	-150.00
-4.210	430.596	-150.00	-4.000	430.911	-2.00	968+0.000	430.991	430.544	0.447	4.000	430.911	-2.00	4.260	430.521	-150.00
-4.185	430.511	-150.00	-4.000	430.788	-2.00	969+0.000	430.868	430.450	0.418	4.000	430.788	-2.00	4.244	430.423	-150.00
-4.206	430.356	-150.00	-4.000	430.665	-2.00	970+0.000	430.745	430.305	0.441	4.000	430.665	-2.00	4.256	430.281	-150.00
-4.208	430.367	-150.00	-4.000	430.678	-2.00	971+0.000	430.758	430.292	0.466	4.000	430.678	-2.00	4.303	430.223	-150.00
-4.180	430.467	-150.00	-4.000	430.737	-2.00	972+0.000	430.817	430.361	0.456	4.000	430.737	-2.00	4.309	430.273	-150.00
-4.162	430.722	-150.00	-4.000	430.966	-2.00	973+0.000	431.046	430.599	0.447	4.000	430.966	-2.00	4.330	430.470	-150.00
-4.169	431.105	-150.00	-4.000	431.359	-2.00	974+0.000	431.439	430.982	0.456	4.000	431.359	-2.00	4.336	430.854	-150.00
-4.220	431.790	-150.00	-4.000	432.119	-2.00	975+0.000	432.199	431.652	0.547	4.000	432.119	-2.00	4.407	431.509	-150.00
-4.082	432.735	-150.00	-4.000	432.858	-2.00	976+0.000	432.938	432.490	0.448	4.000	432.858	-2.00	4.421	432.226	-150.00
-4.076	432.784	-150.00	-4.000	432.898	-2.00	977+0.000	432.978	432.525	0.453	4.000	432.898	-2.00	4.437	432.243	-150.00
-4.078	432.558	-150.00	-4.000	432.674	-2.00	978+0.000	432.754	432.308	0.446	4.000	432.674	-2.00	4.397	432.079	-150.00
-4.086	432.729	-150.00	-4.000	432.857	-2.00	979+0.000	432.937	432.500	0.438	4.000	432.857	-2.00	4.391	432.270	-150.00
-4.097	433.033	-150.00	-4.000	433.179	-2.00	980+0.000	433.259	432.816	0.443	4.000	433.179	-2.00	4.370	432.623	-150.00
-4.158	433.582	-150.00	-4.000	433.819	-2.00	981+0.000	433.899	433.412	0.487	4.000	433.819	-2.00	4.391	433.232	-150.00
-4.199	434.232	-150.00	-4.000	434.531	-2.00	982+0.000	434.611	434.063	0.549	4.000	434.531	-2.00	4.424	433.896	-150.00
-4.207	434.933	-150.00	-4.000	435.244	-2.00	983+0.000	435.324	434.845	0.479	4.000	435.244	-2.00	4.327	434.754	-150.00
-4.217	435.632	-150.00	-4.000	435.956	-2.00	984+0.000	436.036	435.600	0.436	4.000	435.956	-2.00	4.291	435.521	-150.00
-4.293	436.315	-150.00	-4.000	436.754	-2.00	985+0.000	436.834	436.270	0.564	4.000	436.754	-2.00	4.358	436.217	-150.00
-4.404	436.961	-150.00	-4.000	437.568	-2.00	986+0.000	437.648	436.916	0.732	4.000	437.568	-2.00	4.464	436.871	-150.00
-4.373	437.822	-150.00	-4.000	438.382	-2.00	987+0.000	438.462	437.798	0.663	4.000	438.382	-2.00	4.409	437.767	-150.00
-4.312	438.728	-150.00	-4.000	439.195	-2.00	988+0.000	439.275	438.665	0.611	4.000	439.195	-2.00	4.383	438.620	-150.00
-4.228	439.667	-150.00	-4.000	440.009	-2.00	989+0.000	440.089	439.562	0.528	4.000	440.009	-2.00	4.371	439.453	-150.00
-4.150	440.598	-150.00	-4.000	440.823	-2.00	990+0.000	440.903	440.482	0.421	4.000	440.823	-2.00	4.353	440.293	-150.00
-4.142	441.423	-150.00	-4.000	441.637	-2.00	991+0.000	441.717	441.244	0.473	4.000	441.637	-2.00	4.386	441.057	-150.00
-4.141	442.239	-150.00	-4.000	442.451	-2.00	992+0.000	442.531	442.064	0.467	4.000	442.451	-2.00	4.382	441.878	-150.00
-4.017	443.079	-150.00	-4.000	443.104	-2.00	993+0.000	443.184	442.773	0.412	4.000	443.104	-2.00	4.412	442.487	-150.00
-4.331	443.739	66.67	-4.000	443.518	-2.00	994+0.000	443.598	443.408	0.190	4.000	443.518	-2.00	4.292	443.080	-150.00
-4.378	444.184	66.67	-4.000	443.932	-2.00	995+0.000	444.012	443.828	0.184	4.000	443.932	-2.00	4.313	443.463	-150.00
-4.237	444.504	66.67	-4.000	444.346	-2.00	996+0.000	444.426	444.141	0.285	4.000	444.346	-2.00	4.387	443.765	-150.00
-4.036	444.783	66.67	-4.000	444.759	-2.00	997+0.000	444.839	444.417	0.423	4.000	444.759	-2.00	4.485	444.032	-150.00
-4.059	445.212	66.67	-4.000	445.173	-2.00	998+0.000	445.253	444.744	0.509	4.000	445.173	-2.00	4.633	444.224	-150.00
-4.018	445.559	-150.00	-4.000	445.587	-2.00	999+0.000	445.667	445.096	0.570	4.000	445.587	-2.00	4.687	444.556	-150.00
-4.024	445.964	-150.00	-4.000	446.000	-2.00	1000+0.000	446.080	445.506	0.574	4.000	446.000	-2.00	4.627	445.060	-150.00
-4.042	446.419	66.67	-4.000	446.391	-2.00	1001+0.000	446.471	446.012	0.459	4.000	446.391	-2.00	4.559	445.552	-150.00
-4.186	446.792	66.67	-4.000	446.667	-2.00	1002+0.000	446.747	446.316	0.431	4.000	446.667	-2.00	4.528	445.876	-150.00
-4.162	447.051	66.67	-4.000	446.943	-2.00	1003+0.000	447.023	446.655	0.368	4.000	446.943	-2.00	4.476	446.229	-150.00
-4.299	447.419	66.67	-4.000	447.219	-2.00	1004+0.000	447.299	446.989	0.310	4.000	447.219	-2.00	4.450	446.545	-150.00
-4.025	447.453	-150.00	-4.000	447.491	-2.00	1005+0.000	447.571	447.211	0.359	4.000	447.491	-2.00	4.332	446.993	-150.00
-4.051	447.787	66.67	-4.000	447.753	-2.00	1006+0.000	447.833	447.551	0.282	4.000	447.753	-2.00	4.301	447.301	-150.00
-4.063	447.919	-150.00	-4.000	448.014	-2.00	1007+0.000	448.094	447.650	0.444	4.000	448.014	-2.00	4.316	447.540	-150.00
-4.011	448.097	66.67	-4.000	448.090	-2.00	1008+0.000	448.170	447.943	0.226	4.000	448.090	-2.00	4.205	447.782	-150.00
-4.400	448.433	66.67	-4.000	448.166	-2.00	1009+0.000	448.246	448.195	0.050	4.000	448.166	-2.00	4.128	447.973	-150.00
-4.029	448.198	-150.00	-4.000	448.241	-2.00	1010+0.000	448.321	447.976	0.346	4.000	448.241	-2.00	4.277	447.826	-150.00
-4.046	448.244	-150.00	-4.000	448.313	-2.00	1011+0.000	448.393	447.954	0.438	4.000	448.313	-2.00	4.271	447.906	-150.00
-4.097	448.217	-150.00	-4.000	448.362	-2.00	1012+0.000	448.442	448.132	0.310	4.000	448.362	-2.00	4.185	448.085	-150.00
-4.042	448.348	-150.00	-4.000	448.411	-2.00	1013+0.000	448.491	448.240	0.251	4.000	448.411	-2.00	4.101	448.260	-150.00
-4.162	448.568	66.67	-4.000	448.460	-2.00	1014+0.000	448.540	448.403	0.138	4.000	448.460	-2.00	4.148	448.238	-150.00
-4.185	448.233	-150.00	-4.000	448.510	-2.00	1015+0.000	448.590	448.179	0.411	4.000	448.510	-2.00	4.257	448.124	-150.00
-4.204	448.253	-150.00	-4.000	448.559	-2.00	1016+0.000	448.639	448.221	0.418	4.000	448.559	-2.00	4.247	448.188	-150.00
-4.295	448.581	-150.00	-4.000	449.023	-2.00	1017+0.000	449.103	448.662	0.441	4.000	449.023	-2.00	4.188	448.741	-150.00
-4.302	449.306	-150.00	-4.000	449.759	-2.00	1018+0.000	449.839	449.401	0.438	4.000	449.759	-2.00	4.183	449.484	-150.00
-4.314	450.213	-150.00	-4.000	450.684	-2.00	1019+0.000	450.764	450.380	0.384	4.000	450.684	-2.00	4.124	450.498	-150.00
-4.377	451.097	-150.00	-4.000	451.662	-2.00	1020+0.000	451.742	451.324	0.418	4.000	451.662	-2.00	4.114	451.491	-150.00
-4.497	452.266	-150.00	-4.000	453.012	-2.00	1021+0.000	453.092	452.649	0.443	4.000	453.012	-2.00	4.033	452.962	-150.00
-4.553	453.798	-150.00	-4.000	454.627	-2.00	1022+0.000	454.707	454.186	0.521	4.000	454.627	-2.00	4.068	454.526	-150.00
-4.555	455.409	-150.00	-4.000	456.242	-2.00	1023+0.000	456.322	455.786	0.536	4.000	456.242	-2.00	4.073	456.133	-150.00
-4.514	457.086	-150.00	-4.000	457.857	-2.00	1024+0.000	457.937	457.470	0.467	4.000	457.857	-2.00	4.029	457.813	-150.00
-4.544	458.247	-150.00	-4.000	459.062	-2.00	1025+0.000	459.142	458.736	0.406	4.000	459.062	-2.00	4.187	459.187	66.67
-4.407	459.415	-150.00	-4.000	460.025	-2.00	1026+0.000	460.105	459.936	0.169	4.000	460.025	-2.00	4.699	460.491	66.67
-4.592	460.100	-150.00	-4.000	460.987	-2.00	1027+0.000	461.067	460.753	0.314	4.000	460.987	-2.00	4.640	461.414	66.67
-4.676	460.660	-150.00	-4.000	461.675	-2.00	1028+0.000	461.755	461.297	0.458	4.000	461.675	-2.00	4.480	461.995	66.67
-4.636	460.687	-150.00	-4.000	461.641	-2.00	1029+0.000	461.721	461.350	0.371	4.000	461.641	-2.00	4.537	461.999	66.67
-4.616	460.701	-150.00	-4.000	461.625	-2.00	1030+0.000	461.705	461.261	0.444	4.000	461.625	-2.00	4.252	461.793	66.67
-4.614	461.009	-150.00	-4.000	461.930	-2.00	1031+0.000	462.010	461.575	0.435	4.000	461.930	-2.00	4.314	462.140	66.67
-4.666	461.410	-150.00	-4.000	462.408	-2.00	1032+0.000	462.488	462.071	0.417	4.000	462.408	-2.00	4.467	462.720	66.67
-4.679	461.963	-150.00	-4.000	462.981	-2.00	1033+0.000	463.061	462.633	0.428	4.000	462.981	-2.00	4.430	463.267	66.67
-4.700	462.503	-150.00	-4.000	463.553	-2.00	1034+0.000	463.633	463.173	0.460	4.000	463.553	-2.00	4.364	463.795	66.67
-4.746	462.909	-150.00	-4.000	464.028	-2.00	1035+0.000	464.108	463.656	0.451	4.000	464.028	-2.00	4.515	464.371	66.67
-4.802	462.918	-150.00	-4.000	464.122	-2.00	1036+0.000	464.202	463.731	0.470	4.000	464.122	-2.00	4.597	464.520	66.67
-4.802	462.933	-150.00	-4.000	464.135	-2.00	1037+0.000	464.215	463.781	0.434	4.000	464.135	-2.00	4.686	464.593	66.67
-4.805	462.832	-150.00	-4.000	464.039	-2.00	1038+0.000	464.119	463.693	0.427	4.000	464.039	-2.00	4.758	464.545	66.67
-4.794	462.753	-150.00	-4.000	463.944	-2.00	1039+0.000	464.024	463.610	0.414	4.000	463.944	-2.00	4.781	464.465	66.67
-4.757	463.064	-150.00	-4.000	464.200	-2.00	1040+0.000	464.280	463.840	0.440	4.000	464.200	-2.00	4.659	464.639	66.67
-4.747	463.588	-150.00	-4.000	464.708	-2.00	1041+0.000	464.788	464.351	0.437	4.000	464.708	-2.00	4.566	465.085	66.67
-4.657	464.527	-150.00	-4.000	465.512	-2.00	1042+0.000	465.592	465.212	0.379	4.000	465.512	-2.00	4.557	465.883	66.67
-4.781	465.222	-150.00	-4.000	466.393	-2.00	1043+0.000	466.473	465.991	0.482	4.000	466.393	-2.00	4.486	466.717	66.67
-4.810	466.059	-150.00	-4.000	467.274	-2.00	1044+0.000	467.354	466.875	0.479	4.000	467.274	-2.00	4.561	467.648	66.67
-4.783	466.981	-150.00	-4.000	468.155	-2.00	1045+0.000	468.235	467.792	0.444	4.000	468.155	-2.00	4.557	468.526	66.67
-4.845	467.552	-150.00	-4.000	468.821	-2.00	1046+0.000	468.901	468.378	0.522	4.000	468.821	-2.00	4.499	469.153	66.67

Cedido Licença da SA[illegible] Filho
Diretoria de Gestão de [illegible]
Projetos e Obras - [illegible]
Secretaria de Desenvolvimento [illegible]

-4.789	467.963	-150.00	-4.000	469.146	-2.00	1047+0.000	469.226	468.757	0.469	4.000	469.146	-2.00	4.607	469.550	66.67
-4.723	468.386	-150.00	-4.000	469.471	-2.00	1048+0.000	469.551	469.121	0.430	4.000	469.471	-2.00	4.596	469.868	66.67
-4.585	468.917	-150.00	-4.000	469.795	-2.00	1049+0.000	469.875	469.663	0.213	4.000	469.795	-2.00	5.026	470.480	66.67
-4.505	469.363	-150.00	-4.000	470.120	-2.00	1050+0.000	470.200	470.075	0.125	4.000	470.120	-2.00	5.120	470.867	66.67
-4.566	469.596	-150.00	-4.000	470.445	-2.00	1051+0.000	470.525	470.325	0.200	4.000	470.445	-2.00	5.022	471.127	66.67
-4.552	469.943	-150.00	-4.000	470.770	-2.00	1052+0.000	470.850	470.614	0.236	4.000	470.770	-2.00	4.836	471.328	66.67
-4.672	470.087	-150.00	-4.000	471.095	-2.00	1053+0.000	471.175	470.792	0.383	4.000	471.095	-2.00	4.760	471.602	66.67
-4.848	470.149	-150.00	-4.000	471.420	-2.00	1054+0.000	471.500	470.964	0.536	4.000	471.420	-2.00	4.646	471.851	66.67
-5.025	470.208	-150.00	-4.000	471.745	-2.00	1055+0.000	471.825	471.172	0.653	4.000	471.745	-2.00	4.422	472.027	66.67
-5.104	470.557	-150.00	-4.000	472.213	-2.00	1056+0.000	472.293	471.480	0.813	4.000	472.213	-2.00	4.006	472.204	-150.00
-5.249	470.855	-150.00	-4.000	472.730	-2.00	1057+0.000	472.810	471.853	0.957	4.000	472.730	-2.00	4.068	472.628	-150.00
-5.227	471.406	-150.00	-4.000	473.246	-2.00	1058+0.000	473.326	472.365	0.962	4.000	473.246	-2.00	4.066	473.148	-150.00
-5.197	471.968	-150.00	-4.000	473.763	-2.00	1059+0.000	473.843	472.868	0.976	4.000	473.763	-2.00	4.118	473.586	-150.00
-5.048	472.708	-150.00	-4.000	474.280	-2.00	1060+0.000	474.360	473.583	0.776	4.000	474.280	-2.00			
-4.762	473.653	-150.00	-4.000	474.797	-2.00	1061+0.000	474.877	474.411	0.466	4.000	474.797	-2.00	4.430	475.083	66.67
-4.727	474.267	-150.00	-4.000	475.357	-2.00	1062+0.000	475.437	474.982	0.455	4.000	475.357	-2.00	4.568	475.735	66.67
-4.728	474.682	-150.00	-4.000	475.775	-2.00	1063+0.000	475.855	475.404	0.451	4.000	475.775	-2.00	4.409	476.048	66.67
-4.708	474.781	-150.00	-4.000	475.843	-2.00	1064+0.000	475.923	475.442	0.481	4.000	475.843	-2.00	4.313	476.051	66.67
-4.683	474.881	-150.00	-4.000	475.906	-2.00	1065+0.000	475.986	475.510	0.476	4.000	475.906	-2.00	4.267	476.084	66.67
-4.582	474.853	-150.00	-4.000	475.727	-2.00	1066+0.000	475.807	475.387	0.420	4.000	475.727	-2.00	4.228	475.879	66.67
-4.590	474.505	-150.00	-4.000	475.390	-2.00	1067+0.000	475.470	475.089	0.381	4.000	475.390	-2.00	4.386	475.647	66.67
-4.646	474.153	-150.00	-4.000	475.123	-2.00	1068+0.000	475.203	474.750	0.453	4.000	475.123	-2.00	4.262	475.298	66.67
-4.644	474.015	-150.00	-4.000	474.980	-2.00	1069+0.000	475.060	474.557	0.503	4.000	474.980	-2.00	4.146	475.078	66.67
-4.611	474.159	-150.00	-4.000	475.075	-2.00	1070+0.000	475.155	474.720	0.435	4.000	475.075	-2.00	4.241	475.235	66.67
-4.613	474.570	-150.00	-4.000	475.489	-2.00	1071+0.000	475.569	475.131	0.438	4.000	475.489	-2.00	4.247	475.654	66.67
-4.603	475.173	-150.00	-4.000	476.078	-2.00	1072+0.000	476.158	475.710	0.447	4.000	476.078	-2.00	4.294	476.274	66.67
-4.624	475.941	-150.00	-4.000	476.876	-2.00	1073+0.000	476.956	476.514	0.442	4.000	476.876	-2.00	4.340	477.103	66.67
-4.608	476.898	-150.00	-4.000	477.810	-2.00	1074+0.000	477.890	477.493	0.397	4.000	477.810	-2.00	4.316	478.020	66.67
-4.535	478.117	-150.00	-4.000	478.920	-2.00	1075+0.000	479.000	478.704	0.296	4.000	478.920	-2.00	4.563	479.295	66.67
-4.478	479.313	-150.00	-4.000	480.030	-2.00	1076+0.000	480.110	479.883	0.227	4.000	480.030	-2.00	4.982	480.685	66.67
-4.528	480.348	-150.00	-4.000	481.140	-2.00	1077+0.000	481.220	481.153	0.068	4.000	481.140	-2.00	5.411	482.081	66.67
-4.650	481.275	-150.00	-4.000	482.251	-2.00	1078+0.000	482.331	482.032	0.299	4.000	482.251	-2.00	4.870	482.830	66.67
-4.751	481.956	-150.00	-4.000	483.083	-2.00	1079+0.000	483.163	482.710	0.452	4.000	483.083	-2.00	4.517	483.427	66.67
-4.756	482.232	-150.00	-4.000	483.365	-2.00	1080+0.000	483.445	482.986	0.459	4.000	483.365	-2.00	4.569	483.745	66.67
-4.725	482.451	-150.00	-4.000	483.538	-2.00	1081+0.000	483.618	483.157	0.461	4.000	483.538	-2.00	4.664	483.981	66.67
-4.916	482.325	-150.00	-4.000	483.698	-2.00	1082+0.000	483.778	483.114	0.664	4.000	483.698	-2.00	4.266	483.876	66.67
-5.040	482.306	-150.00	-4.000	483.866	-2.00	1083+0.000	483.946	482.995	0.951	4.000	483.866	-2.00	4.154	483.635	-150.00
-5.031	482.486	-150.00	-4.000	484.033	-2.00	1084+0.000	484.113	483.170	0.943	4.000	484.033	-2.00	4.195	483.740	-150.00
-4.802	482.998	-150.00	-4.000	484.200	-2.00	1085+0.000	484.280	483.687	0.594	4.000	484.200	-2.00	4.115	484.277	66.67
-4.601	483.992	-150.00	-4.000	484.894	-2.00	1086+0.000	484.974	484.521	0.454	4.000	484.894	-2.00	4.156	484.998	66.67
-4.600	485.229	-150.00	-4.000	486.128	-2.00	1087+0.000	486.208	485.765	0.444	4.000	486.128	-2.00	4.170	486.242	66.67
-4.601	486.461	-150.00	-4.000	487.363	-2.00	1088+0.000	487.443	486.992	0.451	4.000	487.363	-2.00	4.167	487.474	66.67
-4.527	487.833	-150.00	-4.000	488.623	-2.00	1089+0.000	488.703	488.262	0.441	4.000	488.623	-2.00	4.140	488.717	66.67
-4.486	489.292	-150.00	-4.000	490.021	-2.00	1090+0.000	490.101	489.684	0.417	4.000	490.021	-2.00	4.151	490.122	66.67
-4.583	490.543	-150.00	-4.000	491.419	-2.00	1091+0.000	491.499	491.040	0.459	4.000	491.419	-2.00	4.098	491.484	66.67
-4.533	491.739	-150.00	-4.000	492.538	-2.00	1092+0.000	492.618	492.176	0.442	4.000	492.538	-2.00	4.042	492.566	66.67
-4.534	492.739	-150.00	-4.000	493.540	-2.00	1093+0.000	493.620	493.351	0.269	4.000	493.540	-2.00	4.639	493.966	66.67
-4.472	493.833	-150.00	-4.000	494.541	-2.00	1094+0.000	494.621	494.422	0.200	4.000	494.541	-2.00	4.796	495.072	66.67
-4.417	494.917	-150.00	-4.000	495.543	-2.00	1095+0.000	495.623	495.481	0.142	4.000	495.543	-2.00	5.033	496.232	66.67
-4.363	496.000	-150.00	-4.000	496.545	-2.00	1096+0.000	496.625	496.651	-0.026	4.000	496.545	-2.00	5.358	497.450	66.67
-4.629	496.603	-150.00	-4.000	497.547	-2.00	1097+0.000	497.627	497.254	0.373	4.000	497.547	-2.00	4.654	497.983	66.67
-4.472	497.191	-150.00	-4.000	497.898	-2.00	1098+0.000	497.978	497.888	0.090	4.000	497.898	-2.00	5.201	498.699	66.67
-4.469	497.491	-150.00	-4.000	498.194	-2.00	1099+0.000	498.274	498.120	0.154	4.000	498.194	-2.00	5.132	498.949	66.67
-4.558	497.652	-150.00	-4.000	498.490	-2.00	1100+0.000	498.570	498.322	0.248	4.000	498.490	-2.00	4.835	499.047	66.67
-4.648	497.813	-150.00	-4.000	498.786	-2.00	1101+0.000	498.866	498.488	0.378	4.000	498.786	-2.00	4.541	499.147	66.67
-4.718	497.853	-150.00	-4.000	498.931	-2.00	1102+0.000	499.011	498.557	0.453	4.000	498.931	-2.00	4.433	499.219	66.67
-4.713	497.714	-150.00	-4.000	498.784	-2.00	1103+0.000	498.864	498.406	0.458	4.000	498.784	-2.00	4.402	499.052	66.67
-4.778	497.488	-150.00	-4.000	498.655	-2.00	1104+0.000	498.735	498.305	0.430	4.000	498.655	-2.00	4.750	499.155	66.67
-4.804	497.541	-150.00	-4.000	498.747	-2.00	1105+0.000	498.827	498.354	0.473	4.000	498.747	-2.00	4.631	499.168	66.67
-4.923	497.601	-150.00	-4.000	498.985	-2.00	1106+0.000	499.065	498.447	0.618	4.000	498.985	-2.00	4.639	499.412	66.67
-5.225	497.650	-150.00	-4.000	499.487	-2.00	1107+0.000	499.567	498.751	0.816	4.000	499.487	-2.00	4.233	499.643	66.67
-5.103	498.334	-150.00	-4.000	499.989	-2.00	1108+0.000	500.069	499.464	0.605	4.000	499.989	-2.00	4.809	500.529	66.67
-5.008	499.010	-150.00	-4.000	500.523	-2.00	1109+0.000	500.603	500.181	0.422	4.000	500.523	-2.00	5.688	501.648	66.67
-5.185	499.345	-150.00	-4.000	501.122	-2.00	1110+0.000	501.202	500.744	0.458	4.000	501.122	-2.00	5.770	502.302	66.67
-5.101	499.356	-150.00	-4.000	501.007	-2.00	1111+0.000	501.087	500.695	0.393	4.000	501.007	-2.00	5.824	502.223	66.67
-4.866	498.858	-150.00	-4.000	500.158	-2.00	1112+0.000	500.238	500.118	0.120	4.000	500.158	-2.00	6.593	501.887	66.67
-4.735	498.204	-150.00	-4.000	499.306	-2.00	1113+0.000	499.386	499.405	-0.019	4.000	499.306	-2.00	7.271	501.486	66.67
-4.921	497.072	-150.00	-4.000	498.454	-2.00	1114+0.000	498.534	498.301	0.233	4.000	498.454	-2.00	6.770	500.301	66.67
-5.028	495.911	-150.00	-4.000	497.454	-2.00	1115+0.000	497.534	497.194	0.340	4.000	497.454	-2.00	6.371	499.034	66.67
-4.950	494.807	-150.00	-4.000	496.232	-2.00	1116+0.000	496.312	496.089	0.222	4.000	496.232	-2.00	6.584	497.954	66.67
-5.005	493.521	-150.00	-4.000	495.029	-2.00	1117+0.000	495.109	494.681	0.428	4.000	495.029	-2.00	5.608	496.100	66.67
-4.920	492.524	-150.00	-4.000	493.904	-2.00	1118+0.000	493.984	493.637	0.347	4.000	493.904	-2.00	5.734	495.060	66.67
-4.960	491.408	-150.00	-4.000	492.848	-2.00	1119+0.000	492.928	492.497	0.431	4.000	492.848	-2.00	5.436	493.805	66.67
-4.762	491.531	-150.00	-4.000	492.674	-2.00	1120+0.000	492.754	492.645	0.110	4.000	492.674	-2.00	6.092	494.069	66.67
-5.042	490.941	-150.00	-4.000	492.504	-2.00	1121+0.000	492.584	492.180	0.403	4.000	492.504	-2.00	5.658	493.609	66.67
-5.117	490.767	-150.00	-4.000	492.443	-2.00	1122+0.000	492.523	492.090	0.434	4.000	492.443	-2.00	5.665	493.553	66.67
-5.175	490.634	-150.00	-4.000	492.397	-2.00	1123+0.000	492.477	491.956	0.521	4.000	492.397	-2.00	5.413	493.339	66.67
-5.076	490.737	-150.00	-4.000	492.351	-2.00	1124+0.000	492.431	491.965	0.467	4.000	492.351	-2.00	5.451	493.319	66.67
-5.254	490.075	-150.00	-4.000	491.956	-2.00	1125+0.000	492.036	491.496	0.540	4.000	491.956	-2.00	5.571	493.003	66.67
-5.213	489.586	-150.00	-4.000	491.405	-2.00	1126+0.000	491.485	490.996	0.489	4.000	491.405	-2.00	6.349	492.971	66.67
-5.249	488.872	-150.00	-4.000	490.746	-2.00	1127+0.000	490.826	490.397	0.429	4.000	490.746	-2.00	6.952	492.714	66.67

-5.389	488.258	-150.00	-4.000	490.341	-2.00	1128+0.000	490.421	490.054	0.367	4.000	490.341	-2.00	7.137	492.432	66.67
-5.389	487.967	-150.00	-4.000	490.051	-2.00	1129+0.000	490.131	489.663	0.467	4.000	490.051	-2.00	6.476	491.702	66.67
-5.282	488.000	-150.00	-4.000	489.924	-2.00	1130+0.000	490.004	489.537	0.467	4.000	489.924	-2.00	6.789	491.783	66.67
-5.482	487.601	-150.00	-4.000	489.824	-2.00	1131+0.000	489.904	489.422	0.482	4.000	489.824	-2.00	6.769	491.670	66.67
-5.472	487.309	-150.00	-4.000	489.518	-2.00	1132+0.000	489.598	489.077	0.521	4.000	489.518	-2.00	6.744	491.347	66.67
-5.632	486.572	-150.00	-4.000	489.021	-2.00	1133+0.000	489.101	488.610	0.490	4.000	489.021	-2.00	7.404	491.290	66.67
-5.566	486.036	-150.00	-4.000	488.385	-2.00	1134+0.000	488.465	488.004	0.461	4.000	488.385	-2.00	7.316	490.596	66.67
-5.642	485.444	-150.00	-4.000	487.908	-2.00	1135+0.000	487.988	487.259	0.729	4.000	487.908	-2.00	7.357	490.146	66.67
-5.632	485.059	-150.00	-4.000	487.506	-2.00	1136+0.000	487.586	487.020	0.566	4.000	487.506	-2.00	6.850	489.407	66.67
-5.469	484.692	-150.00	-4.000	486.896	-2.00	1137+0.000	486.976	486.512	0.464	4.000	486.896	-2.00	7.217	489.041	66.67
-5.557	483.609	-150.00	-4.000	485.944	-2.00	1138+0.000	486.024	485.609	0.414	4.000	485.944	-2.00	7.296	488.141	66.67
-5.245	482.061	-150.00	-4.000	483.928	-2.00	1139+0.000	484.008	483.487	0.521	4.000	483.928	-2.00	6.835	485.818	66.67
-5.127	480.556	-150.00	-4.000	482.246	-2.00	1140+0.000	482.326	481.825	0.501	4.000	482.246	-2.00	5.357	483.151	66.67
-5.094	478.128	-150.00	-4.000	479.770	-2.00	1141+0.000	479.850	479.386	0.464	4.000	479.770	-2.00	5.439	480.729	66.67
-5.100	475.839	-150.00	-4.000	477.489	-2.00	1142+0.000	477.569	477.111	0.458	4.000	477.489	-2.00	5.448	478.454	66.67
-5.133	474.046	-150.00	-4.000	475.745	-2.00	1143+0.000	475.825	475.403	0.421	4.000	475.745	-2.00	5.781	476.932	66.67
-5.244	473.307	-150.00	-4.000	475.172	-2.00	1144+0.000	475.252	474.565	0.688	4.000	475.172	-2.00	4.823	475.721	66.67
-5.378	472.533	-150.00	-4.000	474.600	-2.00	1145+0.000	474.680	473.799	0.881	4.000	474.600	-2.00	4.326	474.817	66.67
-5.344	472.012	-150.00	-4.000	474.028	-2.00	1146+0.000	474.108	473.231	0.877	4.000	474.028	-2.00	4.262	474.203	66.67
-4.978	471.989	-150.00	-4.000	473.456	-2.00	1147+0.000	473.536	473.083	0.453	4.000	473.456	-2.00	5.131	474.210	66.67
-4.960	471.737	-150.00	-4.000	473.177	-2.00	1148+0.000	473.257	472.799	0.459	4.000	473.177	-2.00	5.023	473.859	66.67
-5.307	471.593	-150.00	-4.000	473.553	-2.00	1149+0.000	473.633	472.714	0.919	4.000	473.553	-2.00	4.014	473.562	66.67
-4.868	473.277	-150.00	-4.000	474.578	-2.00	1150+0.000	474.658	474.262	0.396	4.000	474.578	-2.00	5.247	475.409	66.67
-4.649	474.888	-150.00	-4.000	475.862	-2.00	1151+0.000	475.942	475.818	0.124	4.000	475.862	-2.00	6.098	477.261	66.67
-4.960	475.649	-150.00	-4.000	477.089	-2.00	1152+0.000	477.169	476.696	0.473	4.000	477.089	-2.00	5.219	477.901	66.67
-4.814	475.547	-150.00	-4.000	476.767	-2.00	1153+0.000	476.847	476.611	0.236	4.000	476.767	-2.00	5.634	477.857	66.67
-4.596	475.111	-150.00	-4.000	476.005	-2.00	1154+0.000	476.085	476.058	0.027	4.000	476.005	-2.00	5.904	477.275	66.67
-4.898	473.888	-150.00	-4.000	475.235	-2.00	1155+0.000	475.315	474.869	0.446	4.000	475.235	-2.00	4.933	475.857	66.67
-5.017	472.428	-150.00	-4.000	473.955	-2.00	1156+0.000	474.035	473.393	0.642	4.000	473.955	-2.00	4.437	474.246	66.67
-5.091	470.982	-150.00	-4.000	472.617	-2.00	1157+0.000	472.697	471.772	0.926	4.000	472.617	-2.00	4.062	472.525	-150.00
-5.111	469.614	-150.00	-4.000	471.280	-2.00	1158+0.000	471.360	470.320	1.041	4.000	471.280	-2.00	4.249	470.907	-150.00
-5.083	468.318	-150.00	-4.000	469.943	-2.00	1159+0.000	470.023	469.051	0.972	4.000	469.943	-2.00	4.183	469.668	-150.00
-4.929	467.213	-150.00	-4.000	468.606	-2.00	1160+0.000	468.686	467.955	0.731	4.000	468.606	-2.00	4.029	468.562	-150.00
-4.782	466.095	-150.00	-4.000	467.269	-2.00	1161+0.000	467.349	466.795	0.554	4.000	467.269	-2.00	4.214	467.411	66.67
-4.623	465.206	-150.00	-4.000	466.141	-2.00	1162+0.000	466.221	465.803	0.418	4.000	466.141	-2.00	4.447	466.440	66.67
-4.603	464.513	-150.00	-4.000	465.417	-2.00	1163+0.000	465.497	465.115	0.382	4.000	465.417	-2.00	4.408	465.689	66.67
-4.661	463.803	-150.00	-4.000	464.794	-2.00	1164+0.000	464.874	464.446	0.429	4.000	464.794	-2.00	4.373	465.043	66.67
-4.642	463.266	-150.00	-4.000	464.229	-2.00	1165+0.000	464.309	463.853	0.456	4.000	464.229	-2.00	4.286	464.420	66.67
-4.740	463.083	-150.00	-4.000	464.192	-2.00	1166+0.000	464.272	463.645	0.627	4.000	464.192	-2.00	4.018	464.166	-150.00
-4.818	463.036	-150.00	-4.000	464.263	-2.00	1167+0.000	464.343	463.633	0.710	4.000	464.263	-2.00	4.081	464.141	-150.00
-4.759	463.195	-150.00	-4.000	464.333	-2.00	1168+0.000	464.413	463.794	0.619	4.000	464.333	-2.00	4.022	464.301	-150.00
-4.669	463.400	-150.00	-4.000	464.404	-2.00	1169+0.000	464.484	464.074	0.410	4.000	464.404	-2.00	4.473	464.720	66.67
-4.683	463.450	-150.00	-4.000	464.475	-2.00	1170+0.000	464.555	464.108	0.448	4.000	464.475	-2.00	4.401	464.742	66.67
-4.689	463.601	-150.00	-4.000	464.635	-2.00	1171+0.000	464.715	464.301	0.414	4.000	464.635	-2.00	4.509	464.974	66.67
-4.665	463.800	-150.00	-4.000	464.798	-2.00	1172+0.000	464.878	464.486	0.392	4.000	464.798	-2.00	4.531	465.152	66.67
-4.709	463.897	-150.00	-4.000	464.961	-2.00	1173+0.000	465.041	464.600	0.442	4.000	464.961	-2.00	4.538	465.320	66.67
-4.839	463.629	-150.00	-4.000	464.888	-2.00	1174+0.000	464.968	464.529	0.439	4.000	464.888	-2.00	4.794	465.417	66.67
-4.804	463.336	-150.00	-4.000	464.543	-2.00	1175+0.000	464.623	464.227	0.395	4.000	464.543	-2.00	4.928	465.161	66.67
-4.797	462.847	-150.00	-4.000	464.043	-2.00	1176+0.000	464.123	463.739	0.383	4.000	464.043	-2.00	4.917	464.654	66.67
-4.806	461.523	-150.00	-4.000	462.732	-2.00	1177+0.000	462.812	462.362	0.451	4.000	462.732	-2.00	4.887	463.324	66.67
-5.161	460.339	-150.00	-4.000	462.081	-2.00	1178+0.000	462.161	461.430	0.731	4.000	462.081	-2.00	4.425	462.365	66.67
-5.489	459.485	-150.00	-4.000	461.719	-2.00	1179+0.000	461.799	460.609	1.190	4.000	461.719	-2.00	4.171	461.463	-150.00
-5.745	458.739	-150.00	-4.000	461.356	-2.00	1180+0.000	461.436	460.281	1.156	4.000	461.356	-2.00			
-5.379	458.927	-150.00	-4.000	460.996	-2.00	1181+0.000	461.076	460.390	0.686	4.000	460.996	-2.00	5.222	461.811	66.67
-5.366	458.992	-150.00	-4.000	461.041	-2.00	1182+0.000	461.121	460.434	0.687	4.000	461.041	-2.00	5.092	461.769	66.67
-5.546	458.925	-150.00	-4.000	461.243	-2.00	1183+0.000	461.323	460.350	0.974	4.000	461.243	-2.00	4.403	461.512	66.67
-5.538	459.139	-150.00	-4.000	461.446	-2.00	1184+0.000	461.526	460.510	1.016	4.000	461.446	-2.00	4.280	461.633	66.67
-5.164	459.903	-150.00	-4.000	461.649	-2.00	1185+0.000	461.729	461.131	0.597	4.000	461.649	-2.00	4.989	462.308	66.67
-5.062	460.258	-150.00	-4.000	461.851	-2.00	1186+0.000	461.931	461.475	0.457	4.000	461.851	-2.00	5.158	462.623	66.67
-4.882	459.627	-150.00	-4.000	460.949	-2.00	1187+0.000	461.029	460.514	0.515	4.000	460.949	-2.00	4.731	461.437	66.67
-4.777	458.760	-150.00	-4.000	459.925	-2.00	1188+0.000	460.005	459.547	0.458	4.000	459.925	-2.00	4.561	460.299	66.67
-4.781	457.868	-150.00	-4.000	459.039	-2.00	1189+0.000	459.119	458.665	0.454	4.000	459.039	-2.00	4.725	459.522	66.67
-4.777	457.538	-150.00	-4.000	458.703	-2.00	1190+0.000	458.783	458.336	0.446	4.000	458.703	-2.00	4.601	459.103	66.67
-4.743	457.385	-150.00	-4.000	458.499	-2.00	1191+0.000	458.579	458.145	0.434	4.000	458.499	-2.00	4.714	458.975	66.67
-4.922	458.062	-150.00	-4.000	459.444	-2.00	1192+0.000	459.524	459.090	0.434	4.000	459.444	-2.00	4.920	460.057	66.67
-5.043	458.928	-150.00	-4.000	460.493	-2.00	1193+0.000	460.573	460.092	0.481	4.000	460.493	-2.00	4.964	461.135	66.67
-4.790	459.248	-150.00	-4.000	460.432	-2.00	1194+0.000	460.512	460.116	0.396	4.000	460.432	-2.00	4.842	460.994	66.67
-4.697	458.826	-150.00	-4.000	459.871	-2.00	1195+0.000	459.951	459.775	0.176	4.000	459.871	-2.00	5.296	460.736	66.67
-4.831	458.063	-150.00	-4.000	459.310	-2.00	1196+0.000	459.390	459.080	0.310	4.000	459.310	-2.00	5.341	460.204	66.67
-4.863	457.454	-150.00	-4.000	458.749	-2.00	1197+0.000	458.829	458.490	0.339	4.000	458.749	-2.00	5.278	459.601	66.67
-4.977	456.729	-150.00	-4.000	458.194	-2.00	1198+0.000	458.274	457.826	0.447	4.000	458.194	-2.00	5.286	459.051	66.67
-5.116	456.306	-150.00	-4.000	457.980	-2.00	1199+0.000	458.060	457.491	0.569	4.000	457.980	-2.00	5.007	458.651	66.67
-5.230	455.955	-150.00	-4.000	457.800	-2.00	1200+0.000	457.880	457.164	0.716	4.000	457.800	-2.00	4.787	458.325	66.67
-5.135	455.918	-150.00	-4.000	457.620	-2.00	1201+0.000	457.700	457.220	0.481	4.000	457.620	-2.00	5.484	458.609	66.67
-5.034	455.726	-150.00	-4.000	457.277	-2.00	1202+0.000	457.357	457.014	0.343	4.000	457.277	-2.00	5.851	458.511	66.67
-4.923	455.395	-150.00	-4.000	456.780	-2.00	1203+0.000	456.860	456.554	0.305	4.000	456.780	-2.00	5.661	457.887	66.67
-5.027	454.742	-150.00	-4.000	456.283	-2.00	1204+0.000	456.363	455.933	0.430	4.000	456.283	-2.00	5.393	457.211	66.67
-4.833	454.230	-150.00	-4.000	455.479	-2.00	1205+0.000	455.559	455.039	0.520	4.000	455.479	-2.00	4.458	455.785	66.67
-4.832	452.811	-150.00	-4.000	454.059	-2.00	1206+0.000	454.139	453.516	0.623	4.000	454.059	-2.00	4.078	454.111	66.67
-4.749	451.515	-150.00	-4.000	452.639	-2.00	1207+0.000	452.719	452.218	0.501	4.000	452.639	-2.00	4.385	452.896	66.67
-4.675	450.539	-150.00	-4.000	451.551	-2.00	1208+0.000	451.631	451.195	0.436	4.000	451.551	-2.00	4.391	451.811	66.67

Gerência de Licenciamento de Sis
Diretoria de
Procuradoria
Secretaria de

-4.695	449.784	-150.00	-4.000	450.826	-2.00	1209+0.000	450.906	450.450	0.456	4.000	450.826	-2.00	4.351	451.061	66.67
-4.689	449.069	-150.00	-4.000	450.103	-2.00	1210+0.000	450.183	449.681	0.503	4.000	450.103	-2.00	4.184	450.226	66.67
-4.653	448.419	-150.00	-4.000	449.399	-2.00	1211+0.000	449.479	449.033	0.446	4.000	449.399	-2.00	4.303	449.601	66.67
-4.636	447.939	-150.00	-4.000	448.893	-2.00	1212+0.000	448.973	448.635	0.337	4.000	448.893	-2.00	4.562	449.268	66.67
-4.717	447.314	-150.00	-4.000	448.390	-2.00	1213+0.000	448.470	448.035	0.434	4.000	448.390	-2.00	4.500	448.723	66.67
-4.746	446.767	-150.00	-4.000	447.887	-2.00	1214+0.000	447.967	447.521	0.446	4.000	447.887	-2.00	4.529	448.239	66.67
-4.718	446.702	-150.00	-4.000	447.779	-2.00	1215+0.000	447.859	447.318	0.541	4.000	447.779	-2.00	4.115	447.856	66.67
-4.833	446.721	-150.00	-4.000	447.972	-2.00	1216+0.000	448.052	447.383	0.669	4.000	447.972	-2.00	4.025	447.934	-150.00
-4.864	446.868	-150.00	-4.000	448.164	-2.00	1217+0.000	448.244	447.514	0.730	4.000	448.164	-2.00	4.073	448.055	-150.00
-4.816	447.133	-150.00	-4.000	448.357	-2.00	1218+0.000	448.437	447.813	0.624	4.000	448.357	-2.00	4.040	448.383	66.67
-4.754	447.418	-150.00	-4.000	448.549	-2.00	1219+0.000	448.629	448.160	0.469	4.000	448.549	-2.00	4.349	448.782	66.67
-4.658	447.317	-150.00	-4.000	448.304	-2.00	1220+0.000	448.384	447.926	0.459	4.000	448.304	-2.00	4.321	448.518	66.67
-4.656	446.840	-150.00	-4.000	447.824	-2.00	1221+0.000	447.904	447.448	0.456	4.000	447.824	-2.00	4.437	448.116	66.67
-4.762	446.087	-150.00	-4.000	447.230	-2.00	1222+0.000	447.310	446.716	0.594	4.000	447.230	-2.00	4.300	447.430	66.67
-4.894	445.270	-150.00	-4.000	446.611	-2.00	1223+0.000	446.691	445.988	0.703	4.000	446.611	-2.00	4.185	446.734	66.67
-4.998	444.495	-150.00	-4.000	445.992	-2.00	1224+0.000	446.072	445.181	0.891	4.000	445.992	-2.00	4.154	445.762	-150.00
-4.963	443.929	-150.00	-4.000	445.373	-2.00	1225+0.000	445.453	444.633	0.821	4.000	445.373	-2.00	4.105	445.215	-150.00
-4.849	443.480	-150.00	-4.000	444.754	-2.00	1226+0.000	444.834	444.149	0.685	4.000	444.754	-2.00	4.033	444.705	-150.00
-4.673	443.126	-150.00	-4.000	444.135	-2.00	1227+0.000	444.215	443.716	0.499	4.000	444.135	-2.00	4.160	444.242	66.67
-4.750	442.554	-150.00	-4.000	443.679	-2.00	1228+0.000	443.759	443.109	0.651	4.000	443.679	-2.00	4.042	443.616	-150.00
-4.806	442.053	-150.00	-4.000	443.261	-2.00	1229+0.000	443.341	442.673	0.668	4.000	443.261	-2.00	4.007	443.250	-150.00
-4.783	441.668	-150.00	-4.000	442.843	-2.00	1230+0.000	442.923	442.226	0.697	4.000	442.843	-2.00	4.093	442.703	-150.00
-4.627	441.485	-150.00	-4.000	442.425	-2.00	1231+0.000	442.505	442.016	0.489	4.000	442.425	-2.00	4.089	442.485	66.67
-4.578	441.140	-150.00	-4.000	442.007	-2.00	1232+0.000	442.087	441.655	0.432	4.000	442.007	-2.00	4.313	442.216	66.67
-4.615	440.780	-150.00	-4.000	441.702	-2.00	1233+0.000	441.782	441.330	0.453	4.000	441.702	-2.00	4.200	441.835	66.67
-4.669	440.568	-150.00	-4.000	441.571	-2.00	1234+0.000	441.651	441.121	0.530	4.000	441.571	-2.00	4.044	441.600	66.67
-4.554	440.607	-150.00	-4.000	441.439	-2.00	1235+0.000	441.519	441.221	0.298	4.000	441.439	-2.00	4.603	441.841	66.67
-4.382	440.735	-150.00	-4.000	441.307	-2.00	1236+0.000	441.387	441.218	0.170	4.000	441.307	-2.00	4.656	441.745	66.67
-4.599	440.277	-150.00	-4.000	441.176	-2.00	1237+0.000	441.256	440.824	0.432	4.000	441.176	-2.00	4.226	441.326	66.67
-4.618	440.139	-150.00	-4.000	441.066	-2.00	1238+0.000	441.146	440.697	0.449	4.000	441.066	-2.00	4.451	441.366	66.67
-4.557	440.294	-150.00	-4.000	441.130	-2.00	1239+0.000	441.210	440.867	0.342	4.000	441.130	-2.00	4.445	441.426	66.67
-4.674	440.215	-150.00	-4.000	441.226	-2.00	1240+0.000	441.306	440.858	0.448	4.000	441.226	-2.00	4.346	441.457	66.67
-4.660	440.447	-150.00	-4.000	441.437	-2.00	1241+0.000	441.517	441.067	0.450	4.000	441.437	-2.00	4.342	441.665	66.67
-4.638	440.758	-150.00	-4.000	441.715	-2.00	1242+0.000	441.795	441.346	0.449	4.000	441.715	-2.00	4.281	441.902	66.67
-4.656	441.049	-150.00	-4.000	442.034	-2.00	1243+0.000	442.114	441.655	0.459	4.000	442.034	-2.00	4.263	442.209	66.67
-4.682	441.329	-150.00	-4.000	442.352	-2.00	1244+0.000	442.432	441.970	0.462	4.000	442.352	-2.00	4.313	442.561	66.67
-4.698	441.281	-150.00	-4.000	442.327	-2.00	1245+0.000	442.407	441.962	0.446	4.000	442.327	-2.00	4.401	442.595	66.67
-4.667	440.651	-150.00	-4.000	441.652	-2.00	1246+0.000	441.732	441.275	0.457	4.000	441.652	-2.00	4.297	441.850	66.67
-4.636	439.393	-150.00	-4.000	440.347	-2.00	1247+0.000	440.427	439.976	0.452	4.000	440.347	-2.00	4.189	440.474	66.67
-4.576	437.999	-150.00	-4.000	438.863	-2.00	1248+0.000	438.943	438.492	0.451	4.000	438.863	-2.00	4.171	438.977	66.67
-4.583	436.620	-150.00	-4.000	437.495	-2.00	1249+0.000	437.575	437.127	0.447	4.000	437.495	-2.00	4.175	437.611	66.67
-4.659	435.907	-150.00	-4.000	436.896	-2.00	1250+0.000	436.976	436.424	0.552	4.000	436.896	-2.00	4.037	436.841	-150.00
-4.631	435.496	-150.00	-4.000	436.443	-2.00	1251+0.000	436.523	435.993	0.530	4.000	436.443	-2.00	4.013	436.423	-150.00
-4.579	435.155	-150.00	-4.000	436.023	-2.00	1252+0.000	436.103	435.630	0.473	4.000	436.023	-2.00	4.049	436.056	66.67
-4.522	434.733	-150.00	-4.000	435.516	-2.00	1253+0.000	435.596	435.151	0.445	4.000	435.516	-2.00	4.034	435.464	-150.00
-4.493	433.638	-150.00	-4.000	434.377	-2.00	1254+0.000	434.457	433.987	0.470	4.000	434.377	-2.00	4.047	434.307	-150.00
-4.434	432.571	-150.00	-4.000	433.221	-2.00	1255+0.000	433.301	432.815	0.486	4.000	433.221	-2.00	4.073	433.112	-150.00
-4.407	431.455	-150.00	-4.000	432.065	-2.00	1256+0.000	432.145	431.696	0.450	4.000	432.065	-2.00	4.099	431.917	-150.00
-4.396	430.221	-150.00	-4.000	430.815	-2.00	1257+0.000	430.895	430.443	0.452	4.000	430.815	-2.00	4.109	430.651	-150.00
-4.321	429.106	-150.00	-4.000	429.587	-2.00	1258+0.000	429.667	429.221	0.446	4.000	429.587	-2.00	4.149	429.363	-150.00
-4.333	428.089	-150.00	-4.000	428.589	-2.00	1259+0.000	428.669	428.215	0.453	4.000	428.589	-2.00	4.211	428.272	-150.00
-4.317	426.852	-150.00	-4.000	427.328	-2.00	1260+0.000	427.408	426.926	0.482	4.000	427.328	-2.00	4.219	426.998	-150.00
-4.285	425.618	-150.00	-4.000	426.046	-2.00	1261+0.000	426.126	425.688	0.438	4.000	426.046	-2.00	4.202	425.743	-150.00
-4.283	424.610	-150.00	-4.000	425.035	-2.00	1262+0.000	425.115	424.681	0.434	4.000	425.035	-2.00	4.190	424.750	-150.00
-4.172	424.387	-150.00	-4.000	424.645	-2.00	1263+0.000	424.725	424.288	0.436	4.000	424.645	-2.00	4.268	424.243	-150.00
-4.151	424.223	-150.00	-4.000	424.449	-2.00	1264+0.000	424.529	424.054	0.476	4.000	424.449	-2.00	4.380	423.879	-150.00
-4.166	424.005	-150.00	-4.000	424.254	-2.00	1265+0.000	424.334	423.845	0.489	4.000	424.254	-2.00	4.396	423.660	-150.00
-4.166	423.808	-150.00	-4.000	424.058	-2.00	1266+0.000	424.138	423.662	0.476	4.000	424.058	-2.00	4.342	423.545	-150.00
-4.090	423.798	-150.00	-4.000	423.933	-2.00	1267+0.000	424.013	423.588	0.425	4.000	423.933	-2.00	4.380	423.364	-150.00
-4.085	423.746	-150.00	-4.000	423.874	-2.00	1268+0.000	423.954	423.492	0.461	4.000	423.874	-2.00	4.437	423.217	-150.00
-4.038	423.456	-150.00	-4.000	423.513	-2.00	1269+0.000	423.593	423.150	0.443	4.000	423.513	-2.00	4.429	422.869	-150.00
-4.069	423.580	-150.00	-4.000	423.684	-2.00	1270+0.000	423.764	423.321	0.443	4.000	423.684	-2.00	4.430	423.039	-150.00
-4.065	423.550	-150.00	-4.000	423.648	-2.00	1271+0.000	423.728	423.308	0.420	4.000	423.648	-2.00	4.401	423.046	-150.00
-4.056	423.790	-150.00	-4.000	423.874	-2.00	1272+0.000	423.954	423.712	0.242	4.000	423.874	-2.00	4.162	423.632	-150.00
-4.118	424.240	66.67	-4.000	424.162	-2.00	1273+0.000	424.242	424.077	0.164	4.000	424.162	-2.00	4.089	424.029	-150.00
-4.366	424.693	66.67	-4.000	424.450	-2.00	1274+0.000	424.530	424.571	-0.041	4.000	424.450	-2.00	4.013	424.458	66.67
-4.163	424.444	-150.00	-4.000	424.689	-2.00	1275+0.000	424.769	424.317	0.452	4.000	424.689	-2.00	4.334	424.188	-150.00
-4.153	424.067	-150.00	-4.000	424.296	-2.00	1276+0.000	424.376	423.936	0.440	4.000	424.296	-2.00	4.331	423.800	-150.00
-4.139	423.687	-150.00	-4.000	423.895	-2.00	1277+0.000	423.975	423.535	0.441	4.000	423.895	-2.00	4.347	423.375	-150.00
-4.137	423.534	-150.00	-4.000	423.739	-2.00	1278+0.000	423.819	423.364	0.455	4.000	423.739	-2.00	4.368	423.187	-150.00
-4.104	423.599	-150.00	-4.000	423.755	-2.00	1279+0.000	423.835	423.428	0.407	4.000	423.755	-2.00	4.339	423.247	-150.00
-4.080	423.548	-150.00	-4.000	423.668	-2.00	1280+0.000	423.748	423.315	0.433	4.000	423.668	-2.00	4.360	423.127	-150.00
-4.127	423.659	-150.00	-4.000	423.849	-2.00	1281+0.000	423.929	423.479	0.450	4.000	423.849	-2.00	4.374	423.288	-150.00
-4.300	423.732	-150.00	-4.000	424.182	-2.00	1282+0.000	424.262	423.572	0.690	4.000	424.182	-2.00	4.519	423.403	-150.00
-4.368	423.966	-150.00	-4.000	424.517	-2.00	1283+0.000	424.597	423.903	0.695	4.000	424.517	-2.00	4.416	423.893	-150.00
-4.411	424.236	-150.00	-4.000	424.853	-2.00	1284+0.000	424.933	424.118	0.815	4.000	424.853	-2.00	4.478	424.136	-150.00
-4.299	424.684	-150.00	-4.000	425.133	-2.00	1285+0.000	425.213	424.778	0.435	4.000	425.133	-2.00	4.176	424.870	-150.00
-4.267	425.206	-150.00	-4.000	425.606	-2.00	1286+0.000	425.686	425.276	0.410	4.000	425.606	-2.00	4.174	425.345	-150.00
-4.383	426.073	-150.00	-4.000	426.647	-2.00	1287+0.000	426.727	426.274	0.453	4.000	426.647	-2.00	4.122	426.464	-150.00
-4.376	427.126	-150.00	-4.000	427.691	-2.00	1288+0.000	427.771	427.299	0.472	4.000	427.691	-2.00	4.152	427.462	-150.00
-4.425	428.260	-150.00	-4.000	428.897	-2.00	1289+0.000	428.977	428.644	0.333	4.000	428.897	-2.00	4.015	428.907	66.67

Osvaldo Ledesma da
Diretor de
Projetos
Secretaria

-4.546	429.421	-150.00	-4.000	430.240	-2.00	1290+0.000	430.320	429.937	0.383	4.000	430.240	-2.00	4.149	430.340	66.67
-4.748	430.490	-150.00	-4.000	431.611	-2.00	1291+0.000	431.691	431.059	0.632	4.000	431.611	-2.00	4.045	431.544	-150.00
-5.065	431.391	-150.00	-4.000	432.988	-2.00	1292+0.000	433.068	432.309	0.759	4.000	432.988	-2.00	4.301	433.189	66.67
-4.931	432.968	-150.00	-4.000	434.365	-2.00	1293+0.000	434.445	433.993	0.452	4.000	434.365	-2.00	5.105	435.101	66.67
-4.750	435.009	-150.00	-4.000	436.134	-2.00	1294+0.000	436.214	435.762	0.451	4.000	436.134	-2.00	4.845	436.697	66.67
-5.104	436.305	-150.00	-4.000	437.960	-2.00	1295+0.000	438.040	437.576	0.465	4.000	437.960	-2.00	5.464	438.937	66.67
-5.022	437.469	-150.00	-4.000	439.003	-2.00	1296+0.000	439.083	438.713	0.371	4.000	439.003	-2.00	5.668	440.115	66.67
-4.984	437.921	-150.00	-4.000	439.397	-2.00	1297+0.000	439.477	439.232	0.245	4.000	439.397	-2.00	6.708	441.203	66.67
-5.140	438.082	-150.00	-4.000	439.791	-2.00	1298+0.000	439.871	439.438	0.433	4.000	439.791	-2.00	6.061	441.166	66.67
-5.346	437.726	-150.00	-4.000	439.745	-2.00	1299+0.000	439.825	439.325	0.500	4.000	439.745	-2.00	6.339	441.305	66.67
-5.248	437.179	-150.00	-4.000	439.052	-2.00	1300+0.000	439.132	438.743	0.389	4.000	439.052	-2.00	6.569	440.765	66.67
-5.018	436.831	-150.00	-4.000	438.359	-2.00	1301+0.000	438.439	438.258	0.181	4.000	438.359	-2.00	6.789	440.218	66.67
-4.538	436.859	-150.00	-4.000	437.666	-2.00	1302+0.000	437.746	438.219	-0.473	4.000	437.666	-2.00	8.772	440.847	66.67
-4.465	436.276	-150.00	-4.000	436.972	-2.00	1303+0.000	437.052	437.530	-0.477	4.000	436.972	-2.00	8.537	439.997	66.67
-4.345	435.762	-150.00	-4.000	436.279	-2.00	1304+0.000	436.359	436.900	-0.540	4.000	436.279	-2.00	8.191	439.073	66.67
-4.452	434.908	-150.00	-4.000	435.586	-2.00	1305+0.000	435.666	436.088	-0.421	4.000	435.586	-2.00	7.856	438.156	66.67
-4.630	433.948	-150.00	-4.000	434.893	-2.00	1306+0.000	434.973	435.042	-0.069	4.000	434.893	-2.00	6.541	436.587	66.67
-5.022	432.672	-150.00	-4.000	434.205	-2.00	1307+0.000	434.285	433.885	0.400	4.000	434.205	-2.00	5.571	435.252	66.67
-4.837	432.300	-150.00	-4.000	433.555	-2.00	1308+0.000	433.635	433.468	0.167	4.000	433.555	-2.00	6.065	434.932	66.67
-4.886	431.575	-150.00	-4.000	432.905	-2.00	1309+0.000	432.985	432.785	0.200	4.000	432.905	-2.00	6.077	434.289	66.67
-5.080	430.714	-150.00	-4.000	432.334	-2.00	1310+0.000	432.414	431.994	0.419	4.000	432.334	-2.00	5.833	433.556	66.67
-5.133	430.201	-150.00	-4.000	431.901	-2.00	1311+0.000	431.981	431.588	0.393	4.000	431.901	-2.00	5.935	433.191	66.67
-5.142	429.756	-150.00	-4.000	431.468	-2.00	1312+0.000	431.548	431.131	0.417	4.000	431.468	-2.00	5.835	432.692	66.67
-5.091	429.457	-150.00	-4.000	431.094	-2.00	1313+0.000	431.174	430.728	0.446	4.000	431.094	-2.00	5.626	432.178	66.67
-5.207	429.264	-150.00	-4.000	431.075	-2.00	1314+0.000	431.155	430.548	0.607	4.000	431.075	-2.00	5.359	431.981	66.67
-5.388	429.010	-150.00	-4.000	431.093	-2.00	1315+0.000	431.173	430.448	0.725	4.000	431.093	-2.00	5.018	431.771	66.67
-5.133	429.411	-150.00	-4.000	431.110	-2.00	1316+0.000	431.190	430.447	0.743	4.000	431.110	-2.00	4.413	431.385	66.67
-4.850	429.805	-150.00	-4.000	431.080	-2.00	1317+0.000	431.160	430.714	0.446	4.000	431.080	-2.00	4.798	431.612	66.67
-4.848	429.583	-150.00	-4.000	430.855	-2.00	1318+0.000	430.935	430.495	0.439	4.000	430.855	-2.00	4.822	431.403	66.67
-4.722	429.466	-150.00	-4.000	430.549	-2.00	1319+0.000	430.629	430.180	0.449	4.000	430.549	-2.00	4.476	430.866	66.67
-4.568	429.066	-150.00	-4.000	429.918	-2.00	1320+0.000	429.998	429.767	0.231	4.000	429.918	-2.00	4.901	430.519	66.67
-4.563	428.426	-150.00	-4.000	429.270	-2.00	1321+0.000	429.350	429.048	0.301	4.000	429.270	-2.00	4.613	429.678	66.67
-4.669	427.575	-150.00	-4.000	428.579	-2.00	1322+0.000	428.659	428.179	0.480	4.000	428.579	-2.00	4.218	428.724	66.67
-4.696	426.253	-150.00	-4.000	427.297	-2.00	1323+0.000	427.377	426.732	0.645	4.000	427.297	-2.00	4.102	427.144	-150.00
-4.838	424.695	-150.00	-4.000	425.951	-2.00	1324+0.000	426.031	425.072	0.960	4.000	425.951	-2.00	4.332	425.454	-150.00
-4.537	423.801	-150.00	-4.000	424.606	-2.00	1325+0.000	424.686	424.100	0.587	4.000	424.606	-2.00	4.166	424.357	-150.00
-4.454	422.933	-150.00	-4.000	423.614	-2.00	1326+0.000	423.694	423.233	0.462	4.000	423.614	-2.00	4.040	423.554	-150.00
-4.330	422.794	-150.00	-4.000	423.289	-2.00	1327+0.000	423.369	422.942	0.427	4.000	423.289	-2.00	4.131	423.092	-150.00
-4.420	422.999	-150.00	-4.000	423.630	-2.00	1328+0.000	423.710	423.255	0.455	4.000	423.630	-2.00	4.045	423.563	-150.00
-4.250	424.263	-150.00	-4.000	424.638	-2.00	1329+0.000	424.718	424.561	0.156	4.000	424.638	-2.00	4.349	424.870	66.67
-4.462	425.619	-150.00	-4.000	426.312	-2.00	1330+0.000	426.392	426.053	0.339	4.000	426.312	-2.00	4.251	426.479	66.67
-4.587	427.132	-150.00	-4.000	428.013	-2.00	1331+0.000	428.093	427.641	0.452	4.000	428.013	-2.00	4.130	428.099	66.67
-4.508	427.995	-150.00	-4.000	428.758	-2.00	1332+0.000	428.838	428.584	0.254	4.000	428.758	-2.00	4.650	429.191	66.67
-4.275	428.538	-150.00	-4.000	428.950	-2.00	1333+0.000	429.030	429.180	-0.150	4.000	428.950	-2.00	5.717	430.095	66.67
-4.040	429.082	-150.00	-4.000	429.142	-2.00	1334+0.000	429.222	429.699	-0.477	4.000	429.142	-2.00	6.271	430.656	66.67
-4.010	429.319	-150.00	-4.000	429.334	-2.00	1335+0.000	429.414	429.849	-0.435	4.000	429.334	-2.00	5.952	430.635	66.67
-4.361	428.984	-150.00	-4.000	429.527	-2.00	1336+0.000	429.607	429.467	0.140	4.000	429.527	-2.00	4.689	429.986	66.67
-4.601	428.988	-150.00	-4.000	429.889	-2.00	1337+0.000	429.969	429.654	0.315	4.000	429.889	-2.00	4.711	430.363	66.67
-4.729	429.391	-150.00	-4.000	430.484	-2.00	1338+0.000	430.564	430.103	0.461	4.000	430.484	-2.00	4.427	430.769	66.67
-4.700	429.818	-150.00	-4.000	430.868	-2.00	1339+0.000	430.948	430.467	0.481	4.000	430.868	-2.00	4.359	431.107	66.67
-4.682	430.099	-150.00	-4.000	431.121	-2.00	1340+0.000	431.201	430.749	0.452	4.000	431.121	-2.00	4.347	431.353	66.67
-4.669	430.087	-150.00	-4.000	431.091	-2.00	1341+0.000	431.171	430.709	0.461	4.000	431.091	-2.00	4.285	431.281	66.67
-4.651	429.612	-150.00	-4.000	430.590	-2.00	1342+0.000	430.670	430.227	0.443	4.000	430.590	-2.00	4.309	430.795	66.67
-4.606	429.212	-150.00	-4.000	430.120	-2.00	1343+0.000	430.200	429.698	0.502	4.000	430.120	-2.00			
-4.403	428.320	-150.00	-4.000	428.925	-2.00	1344+0.000	429.005	428.682	0.323	4.000	428.925	-2.00	4.146	429.023	66.67
-4.383	427.169	-150.00	-4.000	427.743	-2.00	1345+0.000	427.823	427.386	0.436	4.000	427.743	-2.00	4.050	427.667	-150.00
-4.359	426.355	-150.00	-4.000	426.893	-2.00	1346+0.000	426.973	426.530	0.443	4.000	426.893	-2.00	4.131	426.696	-150.00
-4.383	425.688	-150.00	-4.000	426.263	-2.00	1347+0.000	426.343	425.894	0.449	4.000	426.263	-2.00	4.117	426.088	-150.00
-4.273	425.366	-150.00	-4.000	425.774	-2.00	1348+0.000	425.854	425.421	0.433	4.000	425.774	-2.00	4.179	425.506	-150.00
-4.332	425.212	-150.00	-4.000	425.709	-2.00	1349+0.000	425.789	425.292	0.497	4.000	425.709	-2.00	4.226	425.370	-150.00
-4.302	425.247	-150.00	-4.000	425.700	-2.00	1350+0.000	425.780	425.336	0.444	4.000	425.700	-2.00	4.178	425.433	-150.00
-4.293	425.642	-150.00	-4.000	426.080	-2.00	1351+0.000	426.160	425.715	0.446	4.000	426.080	-2.00	4.184	425.805	-150.00
-4.328	426.080	-150.00	-4.000	426.572	-2.00	1352+0.000	426.652	426.206	0.446	4.000	426.572	-2.00	4.163	426.327	-150.00
-4.311	426.823	-150.00	-4.000	427.289	-2.00	1353+0.000	427.369	426.925	0.444	4.000	427.289	-2.00	4.176	427.024	-150.00
-4.302	427.709	-150.00	-4.000	428.163	-2.00	1354+0.000	428.243	427.792	0.451	4.000	428.163	-2.00	4.193	427.873	-150.00
-4.234	428.747	-150.00	-4.000	429.097	-2.00	1355+0.000	429.177	428.721	0.456	4.000	429.097	-2.00	4.280	428.677	-150.00
-4.244	429.471	-150.00	-4.000	429.837	-2.00	1356+0.000	429.917	429.462	0.455	4.000	429.837	-2.00	4.262	429.445	-150.00
-4.236	430.106	-150.00	-4.000	430.461	-2.00	1357+0.000	430.541	430.104	0.437	4.000	430.461	-2.00	4.239	430.102	-150.00
-4.223	430.537	-150.00	-4.000	430.871	-2.00	1358+0.000	430.951	430.510	0.442	4.000	430.871	-2.00	4.260	430.482	-150.00
-4.237	430.873	-150.00	-4.000	431.228	-2.00	1359+0.000	431.308	430.857	0.451	4.000	431.228	-2.00	4.262	430.835	-150.00
-4.224	431.095	-150.00	-4.000	431.431	-2.00	1360+0.000	431.511	431.058	0.453	4.000	431.431	-2.00	4.274	431.020	-150.00
-4.236	431.235	-150.00	-4.000	431.588	-2.00	1361+0.000	431.668	431.211	0.458	4.000	431.588	-2.00	4.308	431.126	-150.00
-4.224	431.161	-150.00	-4.000	431.497	-2.00	1362+0.000	431.577	431.144	0.433	4.000	431.497	-2.00	4.357	430.960	-150.00
-4.199	431.005	-150.00	-4.000	431.303	-2.00	1363+0.000	431.383	430.952	0.431	4.000	431.303	-2.00	4.391	430.716	-150.00
-4.125	431.214	-150.00	-4.000	431.402	-2.00	1364+0.000	431.482	431.071	0.411	4.000	431.402	-2.00	4.368	430.850	-150.00
-4.059	431.719	-150.00	-4.000	431.809	-2.00	1365+0.000	431.889	431.514	0.374	4.000	431.809	-2.00	4.342	431.295	-150.00
-4.054	432.251	66.67	-4.000	432.215	-2.00	1366+0.000	432.295	432.137	0.159	4.000	432.215	-2.00	4.152	431.988	-150.00
-4.352	432.857	66.67	-4.000	432.622	-2.00	1367+0.000	432.702	432.723	-0.021	4.000	432.622	-2.00	4.015	432.599	-150.00
-4.408	433.301	66.67	-4.000	433.029	-2.00	1368+0.000	433.109	433.130	-0.021	4.000	433.029	-2.00	4.037	432.973	-150.00
-4.304	433.638	66.67	-4.000	433.435	-2.00	1369+0.000	433.515	433.464	0.051	4.000	433.435	-2.00	4.091	433.299	-150.00
-4.204	433.978	66.67	-4.000	433.842	-2.00	1370+0.000	433.922	433.808	0.114	4.000	433.842	-2.00	4.148	433.620	-150.00

Osvaldo Leôncio da Silva Filho
Diretor Substituto de Projetos
Projetos e Obras - DER/SP
Secretaria de Logística e Mobilidade

-4.027	434.267	66.67	-4.000	434.249	-2.00	1371+0.000	434.329	434.070	0.259	4.000	434.249	-2.00	4.275	433.835	-150.00
-4.300	434.205	-150.00	-4.000	434.655	-2.00	1372+0.000	434.735	434.130	0.605	4.000	434.655	-2.00	4.401	434.053	-150.00
-4.597	434.166	-150.00	-4.000	435.062	-2.00	1373+0.000	435.142	434.133	1.009	4.000	435.062	-2.00	4.613	434.143	-150.00
-4.639	434.511	-150.00	-4.000	435.469	-2.00	1374+0.000	435.549	434.598	0.951	4.000	435.469	-2.00	4.568	434.617	-150.00
-4.767	434.726	-150.00	-4.000	435.875	-2.00	1375+0.000	435.955	434.870	1.086	4.000	435.875	-2.00	4.573	435.015	-150.00
-4.672	435.275	-150.00	-4.000	436.282	-2.00	1376+0.000	436.362	435.423	0.939	4.000	436.282	-2.00	4.477	435.566	-150.00
-4.670	435.684	-150.00	-4.000	436.689	-2.00	1377+0.000	436.769	435.937	0.832	4.000	436.689	-2.00	4.345	436.172	-150.00
-4.504	436.340	-150.00	-4.000	437.095	-2.00	1378+0.000	437.175	436.584	0.591	4.000	437.095	-2.00	4.191	436.810	-150.00
-4.397	437.073	-150.00	-4.000	437.669	-2.00	1379+0.000	437.749	437.320	0.429	4.000	437.669	-2.00	4.042	437.605	-150.00
-4.439	437.951	-150.00	-4.000	438.610	-2.00	1380+0.000	438.690	438.259	0.430	4.000	438.610	-2.00	4.032	438.562	-150.00
-4.440	438.816	-150.00	-4.000	439.477	-2.00	1381+0.000	439.557	439.080	0.477	4.000	439.477	-2.00	4.102	439.323	-150.00
-4.480	439.065	-150.00	-4.000	439.785	-2.00	1382+0.000	439.865	439.413	0.452	4.000	439.785	-2.00	4.039	439.726	-150.00
-4.449	439.247	-150.00	-4.000	439.921	-2.00	1383+0.000	440.001	439.539	0.463	4.000	439.921	-2.00	4.083	439.796	-150.00
-4.481	438.573	-150.00	-4.000	439.294	-2.00	1384+0.000	439.374	438.908	0.466	4.000	439.294	-2.00	4.050	439.218	-150.00
-4.407	437.748	-150.00	-4.000	438.358	-2.00	1385+0.000	438.438	437.969	0.469	4.000	438.358	-2.00	4.068	438.256	-150.00
-4.410	436.542	-150.00	-4.000	437.157	-2.00	1386+0.000	437.237	436.780	0.456	4.000	437.157	-2.00	4.103	437.002	-150.00
-4.405	435.224	-150.00	-4.000	435.832	-2.00	1387+0.000	435.912	435.470	0.443	4.000	435.832	-2.00	4.094	435.691	-150.00
-4.513	433.960	-150.00	-4.000	434.729	-2.00	1388+0.000	434.809	434.266	0.543	4.000	434.729	-2.00	4.123	434.545	-150.00
-4.581	432.863	-150.00	-4.000	433.735	-2.00	1389+0.000	433.815	433.150	0.665	4.000	433.735	-2.00	4.189	433.451	-150.00
-4.450	432.075	-150.00	-4.000	432.750	-2.00	1390+0.000	432.830	432.361	0.469	4.000	432.750	-2.00	4.084	432.623	-150.00
-4.419	431.478	-150.00	-4.000	432.107	-2.00	1391+0.000	432.187	431.784	0.403	4.000	432.107	-2.00	4.030	432.062	-150.00
-4.416	431.036	-150.00	-4.000	431.659	-2.00	1392+0.000	431.739	431.243	0.497	4.000	431.659	-2.00	4.149	431.437	-150.00
-4.441	430.903	-150.00	-4.000	431.564	-2.00	1393+0.000	431.644	431.175	0.469	4.000	431.564	-2.00	4.093	431.425	-150.00
-4.383	430.565	-150.00	-4.000	431.140	-2.00	1394+0.000	431.220	430.776	0.443	4.000	431.140	-2.00	4.110	430.975	-150.00
-4.378	430.374	-150.00	-4.000	430.941	-2.00	1395+0.000	431.021	430.584	0.437	4.000	430.941	-2.00	4.098	430.793	-150.00
-4.348	430.427	-150.00	-4.000	430.949	-2.00	1396+0.000	431.029	430.593	0.436	4.000	430.949	-2.00	4.121	430.768	-150.00
-4.388	430.615	-150.00	-4.000	431.197	-2.00	1397+0.000	431.277	430.790	0.486	4.000	431.197	-2.00	4.160	430.956	-150.00
-4.741	430.523	-150.00	-4.000	431.635	-2.00	1398+0.000	431.715	430.718	0.997	4.000	431.635	-2.00	4.485	430.908	-150.00
-5.051	430.497	-150.00	-4.000	432.073	-2.00	1399+0.000	432.153	430.688	1.465	4.000	432.073	-2.00	4.802	430.869	-150.00
-5.132	430.812	-150.00	-4.000	432.511	-2.00	1400+0.000	432.591	430.988	1.603	4.000	432.511	-2.00	4.820	431.280	-150.00
-5.175	431.186	-150.00	-4.000	432.949	-2.00	1401+0.000	433.029	431.432	1.597	4.000	432.949	-2.00	4.782	431.775	-150.00
-5.201	431.586	-150.00	-4.000	433.387	-2.00	1402+0.000	433.467	431.835	1.632	4.000	433.387	-2.00	4.879	432.069	-150.00
-5.268	431.922	-150.00	-4.000	433.825	-2.00	1403+0.000	433.905	432.182	1.723	4.000	433.825	-2.00	4.884	432.498	-150.00
-5.313	432.293	-150.00	-4.000	434.263	-2.00	1404+0.000	434.343	432.699	1.644	4.000	434.263	-2.00	4.719	433.184	-150.00
-5.253	432.822	-150.00	-4.000	434.701	-2.00	1405+0.000	434.781	433.071	1.709	4.000	434.701	-2.00	4.912	433.333	-150.00
-5.195	433.346	-150.00	-4.000	435.139	-2.00	1406+0.000	435.219	433.603	1.616	4.000	435.139	-2.00	4.864	433.843	-150.00
-5.183	433.802	-150.00	-4.000	435.577	-2.00	1407+0.000	435.657	434.098	1.558	4.000	435.577	-2.00	4.792	434.388	-150.00
-4.983	434.539	-150.00	-4.000	436.015	-2.00	1408+0.000	436.095	434.670	1.425	4.000	436.015	-2.00	4.706	434.956	-150.00
-4.719	435.374	-150.00	-4.000	436.453	-2.00	1409+0.000	436.533	435.422	1.110	4.000	436.453	-2.00	4.616	435.529	-150.00
-4.541	436.078	-150.00	-4.000	436.891	-2.00	1410+0.000	436.971	436.181	0.790	4.000	436.891	-2.00	4.400	436.291	-150.00
-4.378	436.761	-150.00	-4.000	437.328	-2.00	1411+0.000	437.408	436.967	0.441	4.000	437.328	-2.00	4.141	437.117	-150.00
-4.381	436.947	-150.00	-4.000	437.518	-2.00	1412+0.000	437.598	437.150	0.448	4.000	437.518	-2.00	4.119	437.340	-150.00
-4.319	437.361	-150.00	-4.000	437.840	-2.00	1413+0.000	437.920	437.464	0.456	4.000	437.840	-2.00	4.142	437.627	-150.00
-4.306	438.037	-150.00	-4.000	438.495	-2.00	1414+0.000	438.575	438.127	0.448	4.000	438.495	-2.00	4.187	438.215	-150.00
-4.290	438.739	-150.00	-4.000	439.175	-2.00	1415+0.000	439.255	438.804	0.450	4.000	439.175	-2.00	4.205	438.868	-150.00
-4.284	439.427	-150.00	-4.000	439.854	-2.00	1416+0.000	439.934	439.593	0.341	4.000	439.854	-2.00	4.041	439.793	-150.00
-4.330	440.040	-150.00	-4.000	440.535	-2.00	1417+0.000	440.615	440.145	0.470	4.000	440.535	-2.00	4.192	440.247	-150.00
-4.309	440.484	-150.00	-4.000	440.947	-2.00	1418+0.000	441.027	440.535	0.492	4.000	440.947	-2.00	4.212	440.628	-150.00
-4.261	440.566	-150.00	-4.000	440.957	-2.00	1419+0.000	441.037	440.669	0.368	4.000	440.957	-2.00	4.126	440.769	-150.00
-4.258	440.580	-150.00	-4.000	440.968	-2.00	1420+0.000	441.048	440.702	0.346	4.000	440.968	-2.00	4.099	440.819	-150.00
-4.324	440.527	-150.00	-4.000	441.012	-2.00	1421+0.000	441.092	440.633	0.458	4.000	441.012	-2.00	4.155	440.780	-150.00
-4.256	440.982	-150.00	-4.000	441.365	-2.00	1422+0.000	441.445	440.993	0.452	4.000	441.365	-2.00	4.241	441.004	-150.00
-4.279	441.585	-150.00	-4.000	442.003	-2.00	1423+0.000	442.083	441.638	0.445	4.000	442.003	-2.00	4.208	441.692	-150.00
-4.267	442.439	-150.00	-4.000	442.839	-2.00	1424+0.000	442.919	442.480	0.439	4.000	442.839	-2.00	4.211	442.522	-150.00
-4.207	443.375	-150.00	-4.000	443.686	-2.00	1425+0.000	443.766	443.403	0.363	4.000	443.686	-2.00	4.158	443.449	-150.00
-4.147	444.312	-150.00	-4.000	444.533	-2.00	1426+0.000	444.613	444.304	0.308	4.000	444.533	-2.00	4.143	444.318	-150.00
-4.251	445.003	-150.00	-4.000	445.380	-2.00	1427+0.000	445.460	445.023	0.437	4.000	445.380	-2.00	4.225	445.042	-150.00
-4.200	445.474	-150.00	-4.000	445.774	-2.00	1428+0.000	445.854	445.458	0.396	4.000	445.774	-2.00	4.221	445.443	-150.00
-4.096	445.715	-150.00	-4.000	445.859	-2.00	1429+0.000	445.939	445.729	0.210	4.000	445.859	-2.00	4.085	445.731	-150.00
-4.190	445.614	-150.00	-4.000	445.899	-2.00	1430+0.000	445.979	445.586	0.393	4.000	445.899	-2.00	4.224	445.564	-150.00
-4.186	445.354	-150.00	-4.000	445.633	-2.00	1431+0.000	445.713	445.291	0.422	4.000	445.633	-2.00	4.271	445.228	-150.00
-4.196	444.725	-150.00	-4.000	445.019	-2.00	1432+0.000	445.099	444.665	0.434	4.000	445.019	-2.00	4.276	444.604	-150.00
-4.171	443.826	-150.00	-4.000	444.083	-2.00	1433+0.000	444.163	443.733	0.430	4.000	444.083	-2.00	4.297	443.638	-150.00
-4.151	442.824	-150.00	-4.000	443.051	-2.00	1434+0.000	443.131	442.690	0.441	4.000	443.051	-2.00	4.313	442.581	-150.00
-4.208	441.557	-150.00	-4.000	441.870	-2.00	1435+0.000	441.950	441.450	0.500	4.000	441.870	-2.00	4.354	441.340	-150.00
-4.214	440.364	-150.00	-4.000	440.685	-2.00	1436+0.000	440.765	440.271	0.493	4.000	440.685	-2.00	4.339	440.176	-150.00
-4.187	439.219	-150.00	-4.000	439.500	-2.00	1437+0.000	439.580	439.133	0.446	4.000	439.500	-2.00	4.303	439.045	-150.00
-4.184	438.278	-150.00	-4.000	438.554	-2.00	1438+0.000	438.634	438.195	0.439	4.000	438.554	-2.00	4.287	438.123	-150.00
-4.207	437.461	-150.00	-4.000	437.772	-2.00	1439+0.000	437.852	437.399	0.453	4.000	437.772	-2.00	4.281	437.350	-150.00
-4.190	437.007	-150.00	-4.000	437.292	-2.00	1440+0.000	437.372	436.966	0.406	4.000	437.292	-2.00	4.245	436.925	-150.00
-4.256	436.728	-150.00	-4.000	437.113	-2.00	1441+0.000	437.193	436.756	0.437	4.000	437.113	-2.00	4.220	436.783	-150.00
-4.287	436.790	-150.00	-4.000	437.220	-2.00	1442+0.000	437.300	436.864	0.436	4.000	437.220	-2.00	4.189	436.937	-150.00
-4.380	436.831	-150.00	-4.000	437.401	-2.00	1443+0.000	437.481	437.051	0.430	4.000	437.401	-2.00	4.097	437.256	-150.00
-4.420	437.051	-150.00	-4.000	437.680	-2.00	1444+0.000	437.760	437.304	0.456	4.000	437.680	-2.00	4.094	437.539	-150.00
-4.392	437.185	-150.00	-4.000	437.773	-2.00	1445+0.000	437.853	437.382	0.471	4.000	437.773	-2.00	4.103	437.618	-150.00
-4.364	436.950	-150.00	-4.000	437.497	-2.00	1446+0.000	437.577	437.162	0.415	4.000	437.497	-2.00	4.091	437.360	-150.00
-4.298	436.556	-150.00	-4.000	437.004	-2.00	1447+0.000	437.084	436.778	0.306	4.000	437.004	-2.00	4.023	436.969	-150.00
-4.343	435.997	-150.00	-4.000	436.511	-2.00	1448+0.000	436.591	436.265	0.325	4.000	436.511	-2.00			
-4.375	435.456	-150.00	-4.000	436.018	-2.00	1449+0.000	436.098	435.684	0.414	4.000	436.018	-2.00	4.098	435.870	-150.00
-4.416	434.685	-150.00	-4.000	435.309	-2.00	1450+0.000	435.389	434.925	0.464	4.000	435.309	-2.00	4.107	435.148	-150.00
-4.422	433.808	-150.00	-4.000	434.441	-2.00	1451+0.000	434.521	434.041	0.481	4.000	434.441	-2.00	4.123	434.257	-150.00

-4.366	432.936	-150.00	-4.000	433.485	-2.00	1452+0.000	433.565	433.106	0.459	4.000	433.485	-2.00	4.120	433.306	-150.00
-4.283	432.104	-150.00	-4.000	432.529	-2.00	1453+0.000	432.609	432.164	0.444	4.000	432.529	-2.00	4.203	432.224	-150.00
-4.297	431.339	-150.00	-4.000	431.785	-2.00	1454+0.000	431.865	431.475	0.390	4.000	431.785	-2.00	4.120	431.605	-150.00
-4.323	431.087	-150.00	-4.000	431.572	-2.00	1455+0.000	431.652	431.242	0.409	4.000	431.572	-2.00	4.121	431.390	-150.00
-4.304	431.038	-150.00	-4.000	431.494	-2.00	1456+0.000	431.574	431.241	0.332	4.000	431.494	-2.00	4.036	431.440	-150.00
-4.130	431.307	-150.00	-4.000	431.502	-2.00	1457+0.000	431.582	431.503	0.079	4.000	431.502	-2.00	4.307	431.707	66.67
-4.105	431.580	66.67	-4.000	431.510	-2.00	1458+0.000	431.590	431.776	-0.187	4.000	431.510	-2.00	4.804	432.046	66.67
-4.472	431.833	66.67	-4.000	431.518	-2.00	1459+0.000	431.598	432.073	-0.476	4.000	431.518	-2.00	5.258	432.357	66.67
-4.694	431.989	66.67	-4.000	431.526	-2.00	1460+0.000	431.606	432.224	-0.618	4.000	431.526	-2.00	5.460	432.499	66.67
-4.236	431.691	66.67	-4.000	431.534	-2.00	1461+0.000	431.614	431.975	-0.361	4.000	431.534	-2.00	5.124	432.283	66.67
-4.053	431.462	-150.00	-4.000	431.542	-2.00	1462+0.000	431.622	431.676	-0.053	4.000	431.542	-2.00	4.560	431.916	66.67
-4.255	431.168	-150.00	-4.000	431.550	-2.00	1463+0.000	431.630	431.366	0.264	4.000	431.550	-2.00	4.012	431.558	66.67
-4.254	431.061	-150.00	-4.000	431.442	-2.00	1464+0.000	431.522	431.218	0.305	4.000	431.442	-2.00	4.042	431.379	-150.00
-4.094	431.004	-150.00	-4.000	431.144	-2.00	1465+0.000	431.224	431.178	0.046	4.000	431.144	-2.00	4.328	431.362	66.67
-4.022	430.812	-150.00	-4.000	430.846	-2.00	1466+0.000	430.926	430.949	-0.023	4.000	430.846	-2.00	4.378	431.098	66.67
-4.088	430.415	-150.00	-4.000	430.547	-2.00	1467+0.000	430.627	430.537	0.091	4.000	430.547	-2.00	4.187	430.672	66.67
-4.174	429.989	-150.00	-4.000	430.249	-2.00	1468+0.000	430.329	430.113	0.216	4.000	430.249	-2.00	4.011	430.233	-150.00
-4.265	429.554	-150.00	-4.000	429.951	-2.00	1469+0.000	430.031	429.687	0.344	4.000	429.951	-2.00	4.091	429.815	-150.00
-4.317	429.177	-150.00	-4.000	429.653	-2.00	1470+0.000	429.733	429.312	0.421	4.000	429.653	-2.00	4.141	429.441	-150.00
-4.329	428.969	-150.00	-4.000	429.463	-2.00	1471+0.000	429.543	429.107	0.436	4.000	429.463	-2.00	4.144	429.247	-150.00
-4.349	429.009	-150.00	-4.000	429.532	-2.00	1472+0.000	429.612	429.147	0.465	4.000	429.532	-2.00	4.169	429.279	-150.00
-4.335	429.101	-150.00	-4.000	429.603	-2.00	1473+0.000	429.683	429.232	0.451	4.000	429.603	-2.00	4.166	429.355	-150.00
-4.339	429.107	-150.00	-4.000	429.615	-2.00	1474+0.000	429.695	429.225	0.470	4.000	429.615	-2.00	4.184	429.339	-150.00
-4.345	428.993	-150.00	-4.000	429.511	-2.00	1475+0.000	429.591	429.127	0.464	4.000	429.511	-2.00	4.170	429.257	-150.00
-4.342	428.744	-150.00	-4.000	429.256	-2.00	1476+0.000	429.336	428.875	0.461	4.000	429.256	-2.00	4.170	429.001	-150.00
-4.316	428.398	-150.00	-4.000	428.872	-2.00	1477+0.000	428.952	428.504	0.448	4.000	428.872	-2.00	4.177	428.607	-150.00
-4.320	427.941	-150.00	-4.000	428.421	-2.00	1478+0.000	428.501	428.047	0.453	4.000	428.421	-2.00	4.182	428.148	-150.00
-4.359	427.436	-150.00	-4.000	427.975	-2.00	1479+0.000	428.055	427.527	0.528	4.000	427.975	-2.00	4.238	427.618	-150.00
-4.387	426.949	-150.00	-4.000	427.529	-2.00	1480+0.000	427.609	427.030	0.580	4.000	427.529	-2.00	4.267	427.128	-150.00
-4.301	426.635	-150.00	-4.000	427.087	-2.00	1481+0.000	427.167	426.712	0.454	4.000	427.087	-2.00	4.185	426.809	-150.00
-4.280	426.403	-150.00	-4.000	426.823	-2.00	1482+0.000	426.903	426.470	0.433	4.000	426.823	-2.00	4.176	426.559	-150.00
-4.257	426.225	-150.00	-4.000	426.611	-2.00	1483+0.000	426.691	426.267	0.424	4.000	426.611	-2.00	4.192	426.323	-150.00
-4.231	426.052	-150.00	-4.000	426.399	-2.00	1484+0.000	426.479	426.080	0.399	4.000	426.399	-2.00	4.178	426.133	-150.00
-4.248	425.815	-150.00	-4.000	426.187	-2.00	1485+0.000	426.267	425.852	0.415	4.000	426.187	-2.00	4.194	425.897	-150.00
-4.270	425.568	-150.00	-4.000	425.973	-2.00	1486+0.000	426.053	425.603	0.450	4.000	425.973	-2.00	4.219	425.645	-150.00
-4.353	425.187	-150.00	-4.000	425.716	-2.00	1487+0.000	425.796	425.244	0.552	4.000	425.716	-2.00	4.282	425.293	-150.00
-4.340	424.948	-150.00	-4.000	425.459	-2.00	1488+0.000	425.539	425.014	0.525	4.000	425.459	-2.00	4.254	425.078	-150.00
-4.318	424.725	-150.00	-4.000	425.201	-2.00	1489+0.000	425.281	424.854	0.428	4.000	425.201	-2.00	4.149	424.977	-150.00
-4.147	424.517	-150.00	-4.000	424.737	-2.00	1490+0.000	424.817	424.625	0.193	4.000	424.737	-2.00	4.006	424.729	-150.00
-4.012	424.270	66.67	-4.000	424.262	-2.00	1491+0.000	424.342	424.374	-0.032	4.000	424.262	-2.00	4.337	424.486	66.67
-4.357	424.024	66.67	-4.000	423.786	-2.00	1492+0.000	423.866	424.109	-0.242	4.000	423.786	-2.00	4.618	424.198	66.67
-4.425	423.594	66.67	-4.000	423.311	-2.00	1493+0.000	423.391	423.594	-0.203	4.000	423.311	-2.00	4.425	423.594	66.67
-4.625	423.252	66.67	-4.000	422.835	-2.00	1494+0.000	422.915	423.232	-0.317	4.000	422.835	-2.00	4.566	423.213	66.67
-4.311	422.567	66.67	-4.000	422.360	-2.00	1495+0.000	422.440	422.602	-0.163	4.000	422.360	-2.00	4.342	422.588	66.67
-4.014	421.893	66.67	-4.000	421.884	-2.00	1496+0.000	421.964	421.931	0.033	4.000	421.884	-2.00	4.128	421.969	66.67
-4.116	421.234	-150.00	-4.000	421.409	-2.00	1497+0.000	421.489	421.268	0.221	4.000	421.409	-2.00	4.072	421.301	-150.00
-4.222	420.609	-150.00	-4.000	420.942	-2.00	1498+0.000	421.022	420.631	0.391	4.000	420.942	-2.00	4.195	420.650	-150.00
-4.297	420.127	-150.00	-4.000	420.573	-2.00	1499+0.000	420.653	420.176	0.477	4.000	420.573	-2.00	4.233	420.223	-150.00
-4.289	419.890	-150.00	-4.000	420.323	-2.00	1500+0.000	420.403	419.950	0.453	4.000	420.323	-2.00	4.199	420.024	-150.00
-4.286	419.727	-150.00	-4.000	420.156	-2.00	1501+0.000	420.236	419.812	0.425	4.000	420.156	-2.00	4.175	419.893	-150.00
-4.204	419.685	-150.00	-4.000	419.992	-2.00	1502+0.000	420.072	419.743	0.329	4.000	419.992	-2.00	4.128	419.800	-150.00
-4.146	419.609	-150.00	-4.000	419.827	-2.00	1503+0.000	419.907	419.667	0.241	4.000	419.827	-2.00	4.070	419.723	-150.00
-4.207	419.353	-150.00	-4.000	419.663	-2.00	1504+0.000	419.743	419.395	0.348	4.000	419.663	-2.00	4.151	419.437	-150.00
-4.304	419.046	-150.00	-4.000	419.501	-2.00	1505+0.000	419.581	419.133	0.448	4.000	419.501	-2.00	4.189	419.218	-150.00
-4.263	418.997	-150.00	-4.000	419.391	-2.00	1506+0.000	419.471	419.030	0.441	4.000	419.391	-2.00	4.186	419.112	-150.00
-4.162	419.125	-150.00	-4.000	419.368	-2.00	1507+0.000	419.448	419.058	0.390	4.000	419.368	-2.00	4.244	419.002	-150.00
-4.204	419.289	-150.00	-4.000	419.594	-2.00	1508+0.000	419.674	419.217	0.458	4.000	419.594	-2.00	4.301	419.143	-150.00
-4.215	419.295	-150.00	-4.000	419.617	-2.00	1509+0.000	419.697	419.224	0.474	4.000	419.617	-2.00	4.311	419.151	-150.00
-4.192	419.338	-150.00	-4.000	419.626	-2.00	1510+0.000	419.706	419.258	0.448	4.000	419.626	-2.00	4.301	419.175	-150.00
-4.185	419.356	-150.00	-4.000	419.634	-2.00	1511+0.000	419.714	419.274	0.441	4.000	419.634	-2.00	4.241	419.273	-150.00
-4.113	419.962	-150.00	-4.000	420.132	-2.00	1512+0.000	420.212	419.936	0.275	4.000	420.132	-2.00	4.148	419.910	-150.00
-4.334	420.569	-150.00	-4.000	421.070	-2.00	1513+0.000	421.150	420.462	0.688	4.000	421.070	-2.00	4.440	420.411	-150.00
-4.412	421.509	-150.00	-4.000	422.127	-2.00	1514+0.000	422.207	421.530	0.678	4.000	422.127	-2.00	4.377	421.562	-150.00
-4.404	422.653	-150.00	-4.000	423.260	-2.00	1515+0.000	423.340	422.668	0.671	4.000	423.260	-2.00	4.385	422.682	-150.00
-4.304	423.682	-150.00	-4.000	424.138	-2.00	1516+0.000	424.218	423.642	0.576	4.000	424.138	-2.00	4.358	423.601	-150.00
-4.183	424.412	-150.00	-4.000	424.687	-2.00	1517+0.000	424.767	424.283	0.484	4.000	424.687	-2.00	4.359	424.149	-150.00
			-4.000	424.905	-2.00	1518+0.000	424.985	424.780	0.206	4.000	424.905	-2.00	4.168	424.653	-150.00
-4.036	424.858	-150.00	-4.000	424.912	-2.00	1519+0.000	424.992	424.722	0.270	4.000	424.912	-2.00	4.222	424.579	-150.00
-4.073	424.805	-150.00	-4.000	424.914	-2.00	1520+0.000	424.994	424.663	0.331	4.000	424.914	-2.00	4.279	424.496	-150.00
-4.138	424.714	-150.00	-4.000	424.920	-2.00	1521+0.000	425.000	424.552	0.449	4.000	424.920	-2.00	4.360	424.381	-150.00
-4.332	424.782	-150.00	-4.000	425.281	-2.00	1522+0.000	425.361	424.623	0.737	4.000	425.281	-2.00	4.549	424.457	-150.00
-4.290	425.455	-150.00	-4.000	425.891	-2.00	1523+0.000	425.971	425.305	0.666	4.000	425.891	-2.00	4.476	425.176	-150.00
-4.167	426.502	-150.00	-4.000	426.752	-2.00	1524+0.000	426.832	426.416	0.416	4.000	426.752	-2.00	4.283	426.327	-150.00
-4.086	427.938	-150.00	-4.000	428.067	-2.00	1525+0.000	428.147	427.837	0.310	4.000	428.067	-2.00	4.223	427.732	-150.00
-4.034	429.331	-150.00	-4.000	429.382	-2.00	1526+0.000	429.462	429.231	0.231	4.000	429.382	-2.00	4.169	429.129	-150.00
-4.016	430.708	66.67	-4.000	430.697	-2.00	1527+0.000	430.777	430.615	0.162	4.000	430.697	-2.00	4.112	430.528	-150.00
			-4.000	432.012	-2.00	1528+0.000	432.092	431.908	0.184	4.000	432.012	-2.00	4.146	431.793	-150.00
-4.098	433.180	-150.00	-4.000	433.327	-2.00	1529+0.000	433.407	433.117	0.290	4.000	433.327	-2.00	4.221	432.995	-150.00
-4.220	434.251	-150.00	-4.000	434.581	-2.00	1530+0.000	434.661	434.198	0.463	4.000	434.581	-2.00	4.320	434.100	-150.00
-4.252	435.096	-150.00	-4.000	435.474	-2.00	1531+0.000	435.554	435.093	0.461	4.000	435.474	-2.00	4.256	435.090	-150.00
-4.255	435.669	-150.00	-4.000	436.051	-2.00	1532+0.000	436.131	435.664	0.467	4.000	436.051	-2.00	4.258	435.664	-150.00

-4.207	436.049	-150.00	-4.000	436.359	-2.00	1533+0.000	436.439	436.047	0.392	4.000	436.359	-2.00	4.209	436.046	-150.00
-4.264	436.271	-150.00	-4.000	436.667	-2.00	1534+0.000	436.747	436.297	0.450	4.000	436.667	-2.00	4.230	436.323	-150.00
-4.259	436.556	-150.00	-4.000	436.945	-2.00	1535+0.000	437.025	436.575	0.450	4.000	436.945	-2.00	4.238	436.588	-150.00
-4.247	436.763	-150.00	-4.000	437.134	-2.00	1536+0.000	437.214	436.772	0.441	4.000	437.134	-2.00	4.235	436.781	-150.00
-4.247	437.650	-150.00	-4.000	438.021	-2.00	1537+0.000	438.101	437.652	0.449	4.000	438.021	-2.00	4.252	437.643	-150.00
-4.238	438.519	-150.00	-4.000	438.877	-2.00	1538+0.000	438.957	438.500	0.457	4.000	438.877	-2.00	4.314	438.407	-150.00
-4.192	439.205	-150.00	-4.000	439.494	-2.00	1539+0.000	439.574	439.127	0.447	4.000	439.494	-2.00	4.307	439.033	-150.00
-4.192	439.983	-150.00	-4.000	440.272	-2.00	1540+0.000	440.352	439.898	0.454	4.000	440.272	-2.00	4.308	439.809	-150.00
-4.204	440.471	-150.00	-4.000	440.778	-2.00	1541+0.000	440.858	440.353	0.505	4.000	440.778	-2.00	4.365	440.230	-150.00
-4.318	440.479	-150.00	-4.000	440.957	-2.00	1542+0.000	441.037	440.424	0.613	4.000	440.957	-2.00	4.392	440.368	-150.00
-4.447	440.466	-150.00	-4.000	441.136	-2.00	1543+0.000	441.216	440.420	0.795	4.000	441.136	-2.00	4.489	440.402	-150.00
-4.391	440.728	-150.00	-4.000	441.315	-2.00	1544+0.000	441.395	440.760	0.635	4.000	441.315	-2.00	4.349	440.791	-150.00
-4.295	441.053	-150.00	-4.000	441.495	-2.00	1545+0.000	441.575	441.142	0.433	4.000	441.495	-2.00	4.178	441.229	-150.00
-4.297	441.565	-150.00	-4.000	442.010	-2.00	1546+0.000	442.090	441.651	0.439	4.000	442.010	-2.00	4.183	441.735	-150.00
-4.308	442.246	-150.00	-4.000	442.708	-2.00	1547+0.000	442.788	442.335	0.453	4.000	442.708	-2.00	4.189	442.425	-150.00
-4.317	442.929	-150.00	-4.000	443.406	-2.00	1548+0.000	443.486	443.031	0.455	4.000	443.406	-2.00	4.262	443.012	-150.00
-4.261	443.605	-150.00	-4.000	443.996	-2.00	1549+0.000	444.076	443.620	0.456	4.000	443.996	-2.00	4.286	443.567	-150.00
-4.204	444.157	-150.00	-4.000	444.463	-2.00	1550+0.000	444.543	444.107	0.436	4.000	444.463	-2.00	4.282	444.040	-150.00
-4.212	444.300	-150.00	-4.000	444.617	-2.00	1551+0.000	444.697	444.259	0.438	4.000	444.617	-2.00	4.257	444.232	-150.00
-4.213	444.431	-150.00	-4.000	444.750	-2.00	1552+0.000	444.830	444.429	0.401	4.000	444.750	-2.00	4.215	444.427	-150.00
-4.110	444.516	-150.00	-4.000	444.681	-2.00	1553+0.000	444.761	444.547	0.214	4.000	444.681	-2.00	4.069	444.577	-150.00
-4.187	444.278	-150.00	-4.000	444.558	-2.00	1554+0.000	444.638	444.408	0.231	4.000	444.558	-2.00	4.018	444.532	-150.00
-4.231	444.089	-150.00	-4.000	444.436	-2.00	1555+0.000	444.516	444.241	0.275	4.000	444.436	-2.00	4.009	444.422	-150.00
-4.371	443.756	-150.00	-4.000	444.312	-2.00	1556+0.000	444.392	443.948	0.444	4.000	444.312	-2.00	4.122	444.129	-150.00
-4.480	443.106	-150.00	-4.000	443.826	-2.00	1557+0.000	443.906	443.299	0.607	4.000	443.826	-2.00	4.228	443.484	-150.00
-4.563	442.448	-150.00	-4.000	443.293	-2.00	1558+0.000	443.373	442.653	0.720	4.000	443.293	-2.00	4.298	442.846	-150.00
-4.626	441.821	-150.00	-4.000	442.759	-2.00	1559+0.000	442.839	442.045	0.794	4.000	442.759	-2.00	4.333	442.260	-150.00
-4.612	441.308	-150.00	-4.000	442.226	-2.00	1560+0.000	442.306	441.554	0.752	4.000	442.226	-2.00	4.295	441.784	-150.00
-4.542	440.880	-150.00	-4.000	441.693	-2.00	1561+0.000	441.773	441.104	0.668	4.000	441.693	-2.00	4.261	441.301	-150.00
-4.371	440.603	-150.00	-4.000	441.159	-2.00	1562+0.000	441.239	440.743	0.497	4.000	441.159	-2.00	4.189	440.877	-150.00
-4.333	440.175	-150.00	-4.000	440.675	-2.00	1563+0.000	440.755	440.382	0.372	4.000	440.675	-2.00	4.065	440.576	-150.00
-4.061	440.178	-150.00	-4.000	440.270	-2.00	1564+0.000	440.350	440.408	-0.058	4.000	440.270	-2.00	4.564	440.646	66.67
-4.099	439.932	66.67	-4.000	439.866	-2.00	1565+0.000	439.946	440.067	-0.121	4.000	439.866	-2.00	4.534	440.222	66.67
-4.178	439.194	-150.00	-4.000	439.461	-2.00	1566+0.000	439.541	439.420	0.122	4.000	439.461	-2.00	4.309	439.667	66.67
-4.311	438.590	-150.00	-4.000	439.057	-2.00	1567+0.000	439.137	438.829	0.308	4.000	439.057	-2.00			
-4.426	438.080	-150.00	-4.000	438.720	-2.00	1568+0.000	438.800	438.359	0.441	4.000	438.720	-2.00	4.059	438.631	-150.00
-4.519	438.393	-150.00	-4.000	439.172	-2.00	1569+0.000	439.252	438.830	0.421	4.000	439.172	-2.00	4.081	439.225	66.67
-4.489	439.455	-150.00	-4.000	440.189	-2.00	1570+0.000	440.269	439.931	0.338	4.000	440.189	-2.00	4.296	440.386	66.67
-4.611	440.697	-150.00	-4.000	441.613	-2.00	1571+0.000	441.693	441.274	0.419	4.000	441.613	-2.00	4.298	441.812	66.67
-4.702	442.074	-150.00	-4.000	443.128	-2.00	1572+0.000	443.208	442.695	0.512	4.000	443.128	-2.00	4.356	443.365	66.67
-4.731	443.288	-150.00	-4.000	444.385	-2.00	1573+0.000	444.465	444.010	0.454	4.000	444.385	-2.00	4.459	444.691	66.67
-4.663	444.269	-150.00	-4.000	445.264	-2.00	1574+0.000	445.344	444.897	0.447	4.000	445.264	-2.00	4.521	445.611	66.67
-4.402	444.744	-150.00	-4.000	445.347	-2.00	1575+0.000	445.427	445.305	0.122	4.000	445.347	-2.00	4.875	445.930	66.67
-4.089	444.941	-150.00	-4.000	445.074	-2.00	1576+0.000	445.154	445.420	-0.266	4.000	445.074	-2.00	5.481	446.062	66.67
-4.194	444.510	-150.00	-4.000	444.801	-2.00	1577+0.000	444.881	445.078	-0.197	4.000	444.801	-2.00	5.542	445.829	66.67
-4.327	444.038	-150.00	-4.000	444.528	-2.00	1578+0.000	444.608	444.593	0.015	4.000	444.528	-2.00	5.076	445.245	66.67
-4.481	443.533	-150.00	-4.000	444.255	-2.00	1579+0.000	444.335	443.934	0.401	4.000	444.255	-2.00	4.501	444.589	66.67
-4.345	443.654	-150.00	-4.000	444.171	-2.00	1580+0.000	444.251	443.829	0.421	4.000	444.171	-2.00	4.117	443.996	-150.00
-4.412	443.626	-150.00	-4.000	444.243	-2.00	1581+0.000	444.323	443.837	0.486	4.000	444.243	-2.00	4.142	444.031	-150.00
-4.461	443.624	-150.00	-4.000	444.316	-2.00	1582+0.000	444.396	443.802	0.594	4.000	444.316	-2.00	4.230	443.970	-150.00
-4.421	443.758	-150.00	-4.000	444.388	-2.00	1583+0.000	444.468	443.966	0.503	4.000	444.388	-2.00	4.152	444.161	-150.00
-4.167	444.509	-150.00	-4.000	444.760	-2.00	1584+0.000	444.840	444.410	0.430	4.000	444.760	-2.00	4.241	444.398	-150.00
-4.240	445.774	-150.00	-4.000	446.134	-2.00	1585+0.000	446.214	445.662	0.552	4.000	446.134	-2.00	4.392	445.546	-150.00
-4.283	447.088	-150.00	-4.000	447.513	-2.00	1586+0.000	447.593	447.003	0.590	4.000	447.513	-2.00	4.399	446.915	-150.00
-4.128	448.700	-150.00	-4.000	448.892	-2.00	1587+0.000	448.972	448.514	0.458	4.000	448.892	-2.00	4.356	448.359	-150.00
-4.009	450.489	-150.00	-4.000	450.501	-2.00	1588+0.000	450.581	450.148	0.434	4.000	450.501	-2.00	4.437	449.846	-150.00
-4.005	452.307	-150.00	-4.000	452.315	-2.00	1589+0.000	452.395	451.965	0.431	4.000	452.315	-2.00	4.490	451.580	-150.00
-4.099	454.147	-150.00	-4.000	454.295	-2.00	1590+0.000	454.375	453.864	0.511	4.000	454.295	-2.00	4.493	453.555	-150.00
-4.116	456.342	-150.00	-4.000	456.516	-2.00	1591+0.000	456.596	456.095	0.501	4.000	456.516	-2.00	4.459	455.828	-150.00
-4.160	458.722	66.67	-4.000	458.615	-2.00	1592+0.000	458.695	458.214	0.481	4.000	458.615	-2.00	4.664	457.619	-150.00
-4.314	460.207	66.67	-4.000	459.998	-2.00	1593+0.000	460.078	459.638	0.440	4.000	459.998	-2.00	4.649	459.025	-150.00
-4.231	461.034	66.67	-4.000	460.880	-2.00	1594+0.000	460.960	460.463	0.497	4.000	460.880	-2.00	4.701	459.828	-150.00
-4.280	461.018	66.67	-4.000	460.832	-2.00	1595+0.000	460.912	460.469	0.442	4.000	460.832	-2.00	4.635	459.879	-150.00
-4.259	461.236	66.67	-4.000	461.064	-2.00	1596+0.000	461.144	460.699	0.445	4.000	461.064	-2.00	4.633	460.115	-150.00
-4.108	461.814	66.67	-4.000	461.742	-2.00	1597+0.000	461.822	461.409	0.412	4.000	461.742	-2.00	4.522	460.958	-150.00
-4.034	462.950	66.67	-4.000	462.928	-2.00	1598+0.000	463.008	462.598	0.410	4.000	462.928	-2.00	4.481	462.206	-150.00
-4.033	464.254	-150.00	-4.000	464.303	-2.00	1599+0.000	464.383	463.948	0.435	4.000	464.303	-2.00	4.462	463.610	-150.00
-4.079	465.717	-150.00	-4.000	465.835	-2.00	1600+0.000	465.915	465.468	0.447	4.000	465.835	-2.00	4.451	465.159	-150.00
-4.161	466.951	-150.00	-4.000	467.193	-2.00	1601+0.000	467.273	466.834	0.438	4.000	467.193	-2.00	4.319	466.714	-150.00
-4.168	468.298	-150.00	-4.000	468.550	-2.00	1602+0.000	468.630	468.180	0.450	4.000	468.550	-2.00	4.328	468.058	-150.00
-4.173	469.819	-150.00	-4.000	470.077	-2.00	1603+0.000	470.157	469.729	0.429	4.000	470.077	-2.00	4.294	469.637	-150.00
-4.174	471.498	-150.00	-4.000	471.759	-2.00	1604+0.000	471.839	471.411	0.429	4.000	471.759	-2.00	4.293	471.320	-150.00
-4.405	472.506	-150.00	-4.000	473.114	-2.00	1605+0.000	473.194	472.744	0.450	4.000	473.114	-2.00	4.100	472.964	-150.00
-4.399	473.337	-150.00	-4.000	473.935	-2.00	1606+0.000	474.015	473.560	0.455	4.000	473.935	-2.00	4.111	473.769	-150.00
-4.387	473.909	-150.00	-4.000	474.490	-2.00	1607+0.000	474.570	474.133	0.437	4.000	474.490	-2.00	4.177	474.224	-150.00
-4.877	472.982	-150.00	-4.000	474.298	-2.00	1608+0.000	474.378	473.344	1.034	4.000	474.298	-2.00	4.417	473.672	-150.00
-5.138	471.631	-150.00	-4.000	473.339	-2.00	1609+0.000	473.419	471.968	1.451	4.000	473.339	-2.00	4.826	472.099	-150.00
-5.181	469.841	-150.00	-4.000	471.613	-2.00	1610+0.000	471.693	470.033	1.659	4.000	471.613	-2.00	4.930	470.217	-150.00
-4.734	468.018	-150.00	-4.000	469.120	-2.00	1611+0.000	469.200	468.234	0.965	4.000	469.120	-2.00	4.464	468.423	-150.00
-4.351	466.081	-150.00	-4.000	466.607	-2.00	1612+0.000	466.687	466.187	0.501	4.000	466.607	-2.00	4.212	466.290	-150.00
-4.087	464.649	-150.00	-4.000	464.779	-2.00	1613+0.000	464.859	464.678	0.181	4.000	464.779	-2.00	4.068	464.678	-150.00

-4.156	462.788	-150.00	-4.000	463.023	-2.00	1614+0.000	463.103	462.785	0.318	4.000	463.023	-2.00	4.161	462.781	-150.00
-4.289	460.817	-150.00	-4.000	461.250	-2.00	1615+0.000	461.330	460.847	0.483	4.000	461.250	-2.00	4.265	460.852	-150.00
-4.262	458.591	-150.00	-4.000	458.983	-2.00	1616+0.000	459.063	458.582	0.482	4.000	458.983	-2.00	4.272	458.575	-150.00
-4.181	456.340	-150.00	-4.000	456.611	-2.00	1617+0.000	456.691	456.236	0.455	4.000	456.611	-2.00	4.266	456.212	-150.00
-4.239	454.297	-150.00	-4.000	454.655	-2.00	1618+0.000	454.735	454.164	0.571	4.000	454.655	-2.00	4.349	454.132	-150.00
-4.651	452.455	-150.00	-4.000	453.431	-2.00	1619+0.000	453.511	452.463	1.049	4.000	453.431	-2.00	4.598	452.535	-150.00
-4.541	451.396	-150.00	-4.000	452.208	-2.00	1620+0.000	452.288	451.399	0.889	4.000	452.208	-2.00	4.538	451.401	-150.00
-4.275	450.591	-150.00	-4.000	451.004	-2.00	1621+0.000	451.084	450.576	0.508	4.000	451.004	-2.00	4.295	450.561	-150.00
-4.253	450.136	-150.00	-4.000	450.516	-2.00	1622+0.000	450.596	450.170	0.426	4.000	450.516	-2.00	4.208	450.203	-150.00
-4.294	449.855	-150.00	-4.000	450.296	-2.00	1623+0.000	450.376	449.899	0.477	4.000	450.296	-2.00	4.147	450.075	-150.00
-4.313	450.089	-150.00	-4.000	450.559	-2.00	1624+0.000	450.639	450.279	0.360	4.000	450.559	-2.00	4.067	450.459	-150.00
-4.446	450.249	-150.00	-4.000	450.918	-2.00	1625+0.000	450.998	450.535	0.462	4.000	450.918	-2.00	4.079	450.799	-150.00
-4.461	450.622	-150.00	-4.000	451.313	-2.00	1626+0.000	451.393	450.936	0.457	4.000	451.313	-2.00	4.061	451.222	-150.00
-4.488	450.493	-150.00	-4.000	451.225	-2.00	1627+0.000	451.305	450.866	0.439	4.000	451.225	-2.00	4.017	451.200	-150.00
-4.507	450.592	-150.00	-4.000	451.353	-2.00	1628+0.000	451.433	450.983	0.450	4.000	451.353	-2.00	4.024	451.317	-150.00
-4.583	450.605	-150.00	-4.000	451.480	-2.00	1629+0.000	451.560	451.100	0.460	4.000	451.480	-2.00	4.072	451.527	66.67
-4.560	450.424	-150.00	-4.000	451.263	-2.00	1630+0.000	451.343	450.895	0.449	4.000	451.263	-2.00	4.078	451.316	66.67
-4.588	450.072	-150.00	-4.000	450.955	-2.00	1631+0.000	451.035	450.591	0.443	4.000	450.955	-2.00	4.161	451.062	66.67
-4.548	450.183	-150.00	-4.000	451.005	-2.00	1632+0.000	451.085	450.615	0.470	4.000	451.005	-2.00	4.006	450.996	-150.00
-4.518	450.025	-150.00	-4.000	450.801	-2.00	1633+0.000	450.881	450.377	0.504	4.000	450.801	-2.00	4.071	450.694	-150.00
-4.453	449.848	-150.00	-4.000	450.527	-2.00	1634+0.000	450.607	450.132	0.476	4.000	450.527	-2.00	4.072	450.420	-150.00
-4.386	449.295	-150.00	-4.000	449.874	-2.00	1635+0.000	449.954	449.477	0.477	4.000	449.874	-2.00	4.149	449.651	-150.00
-4.379	448.574	-150.00	-4.000	449.142	-2.00	1636+0.000	449.222	448.773	0.449	4.000	449.142	-2.00	4.112	448.974	-150.00
-4.345	448.202	-150.00	-4.000	448.720	-2.00	1637+0.000	448.800	448.320	0.480	4.000	448.720	-2.00	4.148	448.497	-150.00
-4.377	447.836	-150.00	-4.000	448.402	-2.00	1638+0.000	448.482	447.961	0.522	4.000	448.402	-2.00	4.215	448.080	-150.00
-4.398	447.514	-150.00	-4.000	448.111	-2.00	1639+0.000	448.191	447.633	0.558	4.000	448.111	-2.00	4.239	447.753	-150.00
-4.357	447.538	-150.00	-4.000	448.073	-2.00	1640+0.000	448.153	447.590	0.563	4.000	448.073	-2.00	4.181	447.802	-150.00
-4.375	447.761	-150.00	-4.000	448.323	-2.00	1641+0.000	448.403	448.002	0.401	4.000	448.323	-2.00	4.067	448.222	-150.00
-4.389	447.313	-150.00	-4.000	447.897	-2.00	1642+0.000	447.977	447.591	0.386	4.000	447.897	-2.00	4.033	447.847	-150.00
-4.411	446.854	-150.00	-4.000	447.471	-2.00	1643+0.000	447.551	447.140	0.411	4.000	447.471	-2.00	4.049	447.398	-150.00
-4.441	446.339	-150.00	-4.000	447.001	-2.00	1644+0.000	447.081	446.620	0.461	4.000	447.001	-2.00	4.081	446.878	-150.00
-4.470	445.170	-150.00	-4.000	445.875	-2.00	1645+0.000	445.955	445.481	0.475	4.000	445.875	-2.00	4.077	445.760	-150.00
-4.473	444.038	-150.00	-4.000	444.747	-2.00	1646+0.000	444.827	444.382	0.445	4.000	444.747	-2.00	4.044	444.681	-150.00
-4.467	442.943	-150.00	-4.000	443.643	-2.00	1647+0.000	443.723	443.285	0.437	4.000	443.643	-2.00	4.228	443.795	66.67
-4.620	442.615	-150.00	-4.000	443.546	-2.00	1648+0.000	443.626	443.171	0.454	4.000	443.546	-2.00	4.196	443.677	66.67
-4.611	442.237	-150.00	-4.000	443.153	-2.00	1649+0.000	443.233	442.780	0.453	4.000	443.153	-2.00	4.214	443.295	66.67
-4.603	441.846	-150.00	-4.000	442.750	-2.00	1650+0.000	442.830	442.385	0.445	4.000	442.750	-2.00	4.314	442.959	66.67
-4.587	441.467	-150.00	-4.000	442.347	-2.00	1651+0.000	442.427	441.958	0.470	4.000	442.347	-2.00	4.188	442.472	66.67
-4.594	440.910	-150.00	-4.000	441.801	-2.00	1652+0.000	441.881	441.408	0.472	4.000	441.801	-2.00	4.121	441.882	66.67
-4.601	440.203	-150.00	-4.000	441.105	-2.00	1653+0.000	441.185	440.736	0.449	4.000	441.105	-2.00	4.170	441.219	66.67
-4.595	439.686	-150.00	-4.000	440.579	-2.00	1654+0.000	440.659	440.211	0.447	4.000	440.579	-2.00	4.164	440.688	66.67
-4.645	439.598	-150.00	-4.000	440.566	-2.00	1655+0.000	440.646	440.186	0.459	4.000	440.566	-2.00	4.236	440.723	66.67
-4.507	440.194	-150.00	-4.000	440.954	-2.00	1656+0.000	441.034	440.636	0.398	4.000	440.954	-2.00	4.127	441.039	66.67
-4.571	440.592	-150.00	-4.000	441.449	-2.00	1657+0.000	441.529	441.094	0.435	4.000	441.449	-2.00	4.152	441.550	66.67
-4.559	441.203	-150.00	-4.000	442.040	-2.00	1658+0.000	442.120	441.678	0.443	4.000	442.040	-2.00	4.173	442.156	66.67
-4.614	441.945	-150.00	-4.000	442.867	-2.00	1659+0.000	442.947	442.498	0.448	4.000	442.867	-2.00	4.308	443.072	66.67
-4.662	442.774	-150.00	-4.000	443.767	-2.00	1660+0.000	443.847	443.394	0.453	4.000	443.767	-2.00	4.233	443.923	66.67
-4.553	443.398	-150.00	-4.000	444.228	-2.00	1661+0.000	444.308	443.972	0.335	4.000	444.228	-2.00	4.431	444.515	66.67
-4.480	443.928	-150.00	-4.000	444.647	-2.00	1662+0.000	444.727	444.458	0.269	4.000	444.647	-2.00	4.514	444.990	66.67
-4.588	444.185	-150.00	-4.000	445.066	-2.00	1663+0.000	445.146	444.726	0.420	4.000	445.066	-2.00	4.304	445.269	66.67
-4.592	444.457	-150.00	-4.000	445.345	-2.00	1664+0.000	445.425	444.974	0.451	4.000	445.345	-2.00	4.242	445.507	66.67
-4.621	444.574	-150.00	-4.000	445.505	-2.00	1665+0.000	445.585	445.149	0.436	4.000	445.505	-2.00	4.260	445.679	66.67
-4.632	444.718	-150.00	-4.000	445.666	-2.00	1666+0.000	445.746	445.320	0.426	4.000	445.666	-2.00	4.323	445.881	66.67
-4.570	444.971	-150.00	-4.000	445.826	-2.00	1667+0.000	445.906	445.401	0.505	4.000	445.826	-2.00	4.030	445.781	-150.00
-4.504	445.222	-150.00	-4.000	445.978	-2.00	1668+0.000	446.058	445.616	0.443	4.000	445.978	-2.00	4.069	446.025	66.67
-4.456	445.402	-150.00	-4.000	446.086	-2.00	1669+0.000	446.166	445.856	0.310	4.000	446.086	-2.00	4.282	446.274	66.67
-4.474	445.482	-150.00	-4.000	446.193	-2.00	1670+0.000	446.273	445.826	0.447	4.000	446.193	-2.00	4.012	446.176	-150.00
-4.460	445.556	-150.00	-4.000	446.247	-2.00	1671+0.000	446.327	445.867	0.460	4.000	446.247	-2.00	4.065	446.150	-150.00
-4.413	445.381	-150.00	-4.000	446.000	-2.00	1672+0.000	446.080	445.691	0.390	4.000	446.000	-2.00	4.051	446.034	66.67
-4.369	445.195	-150.00	-4.000	445.749	-2.00	1673+0.000	445.829	445.534	0.295	4.000	445.749	-2.00	4.182	445.871	66.67
-4.320	445.019	-150.00	-4.000	445.498	-2.00	1674+0.000	445.578	445.354	0.224	4.000	445.498	-2.00	4.283	445.687	66.67
-4.365	444.701	-150.00	-4.000	445.247	-2.00	1675+0.000	445.327	445.011	0.316	4.000	445.247	-2.00	4.081	445.302	66.67
-4.499	444.248	-150.00	-4.000	444.997	-2.00	1676+0.000	445.077	444.633	0.445	4.000	444.997	-2.00	4.082	445.052	66.67
-4.535	444.107	-150.00	-4.000	444.910	-2.00	1677+0.000	444.990	444.548	0.442	4.000	444.910	-2.00	4.048	444.942	66.67
-4.512	444.089	-150.00	-4.000	444.857	-2.00	1678+0.000	444.937	444.532	0.405	4.000	444.857	-2.00	4.119	444.936	66.67
-4.399	444.219	-150.00	-4.000	444.818	-2.00	1679+0.000	444.898	444.658	0.240	4.000	444.818	-2.00	4.460	445.124	66.67
-4.283	444.354	-150.00	-4.000	444.779	-2.00	1680+0.000	444.859	444.749	0.110	4.000	444.779	-2.00	4.668	445.224	66.67
-4.151	444.513	-150.00	-4.000	444.739	-2.00	1681+0.000	444.819	444.884	-0.064	4.000	444.739	-2.00	4.821	445.287	66.67
-4.206	444.391	-150.00	-4.000	444.700	-2.00	1682+0.000	444.780	444.790	-0.010	4.000	444.700	-2.00	4.821	445.248	66.67
-4.234	444.310	-150.00	-4.000	444.661	-2.00	1683+0.000	444.741	444.705	0.036	4.000	444.661	-2.00	4.728	445.146	66.67
-4.429	443.979	-150.00	-4.000	444.622	-2.00	1684+0.000	444.702	444.400	0.302	4.000	444.622	-2.00	4.294	444.818	66.67
-4.440	443.910	-150.00	-4.000	444.571	-2.00	1685+0.000	444.651	444.218	0.433	4.000	444.571	-2.00	4.048	444.499	-150.00
-4.435	443.828	-150.00	-4.000	444.481	-2.00	1686+0.000	444.561	444.119	0.441	4.000	444.481	-2.00	4.064	444.384	-150.00
-4.455	443.521	-150.00	-4.000	444.204	-2.00	1687+0.000	444.284	443.808	0.476	4.000	444.204	-2.00	4.056	444.120	-150.00
-4.522	443.075	-150.00	-4.000	443.858	-2.00	1688+0.000	443.938	443.488	0.450	4.000	443.858	-2.00	4.042	443.795	-150.00
-4.519	442.446	-150.00	-4.000	443.225	-2.00	1689+0.000	443.305	442.839	0.466	4.000	443.225	-2.00	4.024	443.189	-150.00
-4.442	441.356	-150.00	-4.000	442.019	-2.00	1690+0.000	442.099	441.665	0.435	4.000	442.019	-2.00	4.049	441.946	-150.00
-4.189	439.999	-150.00	-4.000	440.282	-2.00	1691+0.000	440.362	440.304	0.059	4.000	440.282	-2.00	4.527	440.634	66.67
-4.115	438.340	-150.00	-4.000	438.513	-2.00	1692+0.000	438.593	438.533	0.060	4.000	438.513	-2.00	4.335	438.736	66.67
-4.266	436.345	-150.00	-4.000	436.743	-2.00	1693+0.000	436.823	436.543	0.280	4.000	436.743	-2.00	4.009	436.730	-150.00
-4.287	434.515	-150.00	-4.000	434.946	-2.00	1694+0.000	435.026	434.583	0.443	4.000	434.946	-2.00	4.198	434.649	-150.00

Projetos e Obras - São P
Secretaria de Estado

-4.279	432.671	-150.00	-4.000	433.089	-2.00	1695+0.000	433.169	432.731	0.437	4.000	433.089	-2.00	4.189	432.806	-150.00
-4.245	430.987	-150.00	-4.000	431.355	-2.00	1696+0.000	431.435	431.008	0.427	4.000	431.355	-2.00	4.178	431.088	-150.00
-4.233	429.709	-150.00	-4.000	430.058	-2.00	1697+0.000	430.138	429.693	0.445	4.000	430.058	-2.00	4.254	429.678	-150.00
-4.246	428.527	-150.00	-4.000	428.895	-2.00	1698+0.000	428.975	428.533	0.442	4.000	428.895	-2.00	4.238	428.538	-150.00
-4.268	427.478	-150.00	-4.000	427.881	-2.00	1699+0.000	427.961	427.508	0.452	4.000	427.881	-2.00	4.228	427.538	-150.00
-4.218	426.863	-150.00	-4.000	427.189	-2.00	1700+0.000	427.269	426.819	0.450	4.000	427.189	-2.00	4.276	426.775	-150.00
-4.250	426.698	-150.00	-4.000	427.073	-2.00	1701+0.000	427.153	426.728	0.424	4.000	427.073	-2.00	4.209	426.759	-150.00
-4.259	426.791	-150.00	-4.000	427.179	-2.00	1702+0.000	427.259	426.823	0.436	4.000	427.179	-2.00	4.167	426.928	-150.00
-4.305	427.749	-150.00	-4.000	428.206	-2.00	1703+0.000	428.286	427.841	0.445	4.000	428.206	-2.00	4.164	427.960	-150.00
-4.322	428.943	-150.00	-4.000	429.426	-2.00	1704+0.000	429.506	429.095	0.411	4.000	429.426	-2.00	4.124	429.240	-150.00
-4.348	430.603	-150.00	-4.000	431.125	-2.00	1705+0.000	431.205	430.754	0.450	4.000	431.125	-2.00	4.137	430.919	-150.00
-4.422	432.191	-150.00	-4.000	432.824	-2.00	1706+0.000	432.904	432.456	0.448	4.000	432.824	-2.00	4.091	432.688	-150.00
-4.425	433.853	-150.00	-4.000	434.491	-2.00	1707+0.000	434.571	434.128	0.442	4.000	434.491	-2.00	4.073	434.382	-150.00
-4.405	435.421	-150.00	-4.000	436.028	-2.00	1708+0.000	436.108	435.661	0.448	4.000	436.028	-2.00	4.096	435.884	-150.00
-4.425	436.786	-150.00	-4.000	437.423	-2.00	1709+0.000	437.503	437.054	0.449	4.000	437.423	-2.00	4.081	437.302	-150.00
-4.411	438.075	-150.00	-4.000	438.692	-2.00	1710+0.000	438.772	438.320	0.452	4.000	438.692	-2.00	4.096	438.547	-150.00
-4.431	439.258	-150.00	-4.000	439.904	-2.00	1711+0.000	439.984	439.536	0.448	4.000	439.904	-2.00	4.070	439.798	-150.00
-4.416	440.325	-150.00	-4.000	440.948	-2.00	1712+0.000	441.028	440.603	0.425	4.000	440.948	-2.00	4.054	440.867	-150.00
-4.392	441.379	-150.00	-4.000	441.967	-2.00	1713+0.000	442.047	441.657	0.390	4.000	441.967	-2.00	4.029	441.923	-150.00
-4.402	442.382	-150.00	-4.000	442.986	-2.00	1714+0.000	443.066	442.648	0.418	4.000	442.986	-2.00	4.069	442.883	-150.00
-4.417	443.380	-150.00	-4.000	444.005	-2.00	1715+0.000	444.085	443.632	0.453	4.000	444.005	-2.00	4.097	443.859	-150.00
-4.417	444.250	-150.00	-4.000	444.876	-2.00	1716+0.000	444.956	444.519	0.437	4.000	444.876	-2.00	4.070	444.771	-150.00
-4.370	444.967	-150.00	-4.000	445.522	-2.00	1717+0.000	445.602	445.236	0.365	4.000	445.522	-2.00	4.025	445.485	-150.00
-4.453	445.462	-150.00	-4.000	446.142	-2.00	1718+0.000	446.222	445.768	0.454	4.000	446.142	-2.00	4.120	445.961	-150.00
-4.481	445.554	-150.00	-4.000	446.276	-2.00	1719+0.000	446.356	445.891	0.464	4.000	446.276	-2.00	4.053	446.197	-150.00
-4.424	445.383	-150.00	-4.000	446.018	-2.00	1720+0.000	446.098	445.633	0.465	4.000	446.018	-2.00	4.102	445.866	-150.00
-4.467	444.906	-150.00	-4.000	445.607	-2.00	1721+0.000	445.687	445.234	0.453	4.000	445.607	-2.00	4.072	445.498	-150.00
-4.400	444.218	-150.00	-4.000	444.818	-2.00	1722+0.000	444.898	444.541	0.358	4.000	444.818	-2.00	4.028	444.837	66.67
-4.315	443.536	-150.00	-4.000	444.009	-2.00	1723+0.000	444.089	443.831	0.258	4.000	444.009	-2.00	4.160	444.116	66.67
-4.349	442.676	-150.00	-4.000	443.199	-2.00	1724+0.000	443.279	442.980	0.299	4.000	443.199	-2.00	4.094	443.262	66.67
-4.381	441.818	-150.00	-4.000	442.390	-2.00	1725+0.000	442.470	442.125	0.345	4.000	442.390	-2.00	4.026	442.407	66.67
-4.447	440.909	-150.00	-4.000	441.580	-2.00	1726+0.000	441.660	441.243	0.417	4.000	441.580	-2.00	4.024	441.545	-150.00
-4.477	440.186	-150.00	-4.000	440.901	-2.00	1727+0.000	440.981	440.535	0.446	4.000	440.901	-2.00	4.022	440.868	-150.00
-4.503	439.894	-150.00	-4.000	440.648	-2.00	1728+0.000	440.728	440.254	0.474	4.000	440.648	-2.00	4.016	440.625	-150.00
-4.479	440.413	-150.00	-4.000	441.132	-2.00	1729+0.000	441.212	440.778	0.434	4.000	441.132	-2.00	4.018	441.105	-150.00
-4.523	441.138	-150.00	-4.000	441.923	-2.00	1730+0.000	442.003	441.561	0.442	4.000	441.923	-2.00	4.215	442.066	66.67
-4.622	442.436	-150.00	-4.000	443.368	-2.00	1731+0.000	443.448	443.004	0.445	4.000	443.368	-2.00	4.231	443.523	66.67
-4.687	443.396	-150.00	-4.000	444.426	-2.00	1732+0.000	444.506	444.025	0.481	4.000	444.426	-2.00	4.409	444.698	66.67
-4.662	443.763	-150.00	-4.000	444.757	-2.00	1733+0.000	444.837	444.386	0.451	4.000	444.757	-2.00	4.306	444.961	66.67
-4.634	443.411	-150.00	-4.000	444.362	-2.00	1734+0.000	444.442	444.039	0.403	4.000	444.362	-2.00	4.410	444.636	66.67
-4.534	442.602	-150.00	-4.000	443.404	-2.00	1735+0.000	443.484	443.124	0.360	4.000	443.404	-2.00	4.384	443.660	66.67
-4.628	441.429	-150.00	-4.000	442.372	-2.00	1736+0.000	442.452	442.032	0.419	4.000	442.372	-2.00	4.403	442.640	66.67
-4.553	440.579	-150.00	-4.000	441.410	-2.00	1737+0.000	441.490	441.038	0.452	4.000	441.410	-2.00	4.149	441.509	66.67
-4.559	439.847	-150.00	-4.000	440.686	-2.00	1738+0.000	440.766	440.319	0.447	4.000	440.686	-2.00	4.083	440.741	66.67
-4.546	439.143	-150.00	-4.000	439.962	-2.00	1739+0.000	440.042	439.613	0.429	4.000	439.962	-2.00	4.203	440.097	66.67
-4.453	438.912	-150.00	-4.000	439.590	-2.00	1740+0.000	439.670	439.212	0.458	4.000	439.590	-2.00	4.060	439.630	66.67
-4.495	439.332	-150.00	-4.000	440.074	-2.00	1741+0.000	440.154	439.669	0.485	4.000	440.074	-2.00	4.066	439.975	-150.00
-4.451	439.238	-150.00	-4.000	439.914	-2.00	1742+0.000	439.994	439.592	0.402	4.000	439.914	-2.00			
-4.308	439.734	-150.00	-4.000	440.196	-2.00	1743+0.000	440.276	439.817	0.459	4.000	440.196	-2.00	4.162	439.954	-150.00
-4.272	440.518	-150.00	-4.000	440.927	-2.00	1744+0.000	441.007	440.581	0.425	4.000	440.927	-2.00	4.189	440.643	-150.00
-4.370	440.715	-150.00	-4.000	441.270	-2.00	1745+0.000	441.350	440.898	0.452	4.000	441.270	-2.00	4.125	441.082	-150.00
-4.497	441.626	-150.00	-4.000	442.371	-2.00	1746+0.000	442.451	441.817	0.634	4.000	442.371	-2.00	4.249	441.997	-150.00
-4.345	443.089	-150.00	-4.000	443.607	-2.00	1747+0.000	443.687	442.963	0.724	4.000	443.607	-2.00	4.473	442.898	-150.00
-4.206	444.534	-150.00	-4.000	444.843	-2.00	1748+0.000	444.923	444.427	0.497	4.000	444.843	-2.00	4.352	444.315	-150.00
-4.160	445.740	-150.00	-4.000	445.980	-2.00	1749+0.000	446.060	445.590	0.471	4.000	445.980	-2.00	4.367	445.430	-150.00
-4.091	446.782	-150.00	-4.000	446.919	-2.00	1750+0.000	446.999	446.548	0.451	4.000	446.919	-2.00	4.416	446.295	-150.00
-4.019	447.332	-150.00	-4.000	447.361	-2.00	1751+0.000	447.441	446.912	0.528	4.000	447.361	-2.00	4.550	446.535	-150.00
-4.104	447.861	66.67	-4.000	447.791	-2.00	1752+0.000	447.871	447.421	0.450	4.000	447.791	-2.00	4.573	446.931	-150.00
-4.039	448.045	66.67	-4.000	448.019	-2.00	1753+0.000	448.099	447.644	0.455	4.000	448.019	-2.00	4.551	447.193	-150.00
-4.054	447.815	66.67	-4.000	447.780	-2.00	1754+0.000	447.860	447.394	0.466	4.000	447.780	-2.00	4.542	446.967	-150.00
-4.038	447.169	-150.00	-4.000	447.227	-2.00	1755+0.000	447.307	446.771	0.535	4.000	447.227	-2.00	4.606	446.317	-150.00
-4.187	445.975	-150.00	-4.000	446.255	-2.00	1756+0.000	446.335	445.574	0.761	4.000	446.255	-2.00	4.564	445.410	-150.00
-4.010	445.268	-150.00	-4.000	445.284	-2.00	1757+0.000	445.364	444.827	0.537	4.000	445.284	-2.00	4.416	444.660	-150.00
-4.109	444.486	66.67	-4.000	444.414	-2.00	1758+0.000	444.494	444.102	0.392	4.000	444.414	-2.00	4.241	444.052	-150.00
-4.045	444.278	-150.00	-4.000	444.346	-2.00	1759+0.000	444.426	443.897	0.528	4.000	444.346	-2.00	4.433	443.697	-150.00
-4.047	445.143	-150.00	-4.000	445.213	-2.00	1760+0.000	445.293	444.951	0.342	4.000	445.213	-2.00	4.300	444.763	-150.00
-4.102	446.863	-150.00	-4.000	447.017	-2.00	1761+0.000	447.097	446.767	0.330	4.000	447.017	-2.00	4.220	446.687	-150.00
-4.350	449.125	-150.00	-4.000	449.650	-2.00	1762+0.000	449.730	449.226	0.504	4.000	449.650	-2.00	4.212	449.332	-150.00
-4.360	451.872	-150.00	-4.000	452.412	-2.00	1763+0.000	452.492	452.012	0.480	4.000	452.412	-2.00	4.174	452.151	-150.00
-4.363	454.787	-150.00	-4.000	455.332	-2.00	1764+0.000	455.412	454.896	0.516	4.000	455.332	-2.00	4.213	455.012	-150.00
-4.467	457.059	-150.00	-4.000	457.759	-2.00	1765+0.000	457.839	457.377	0.463	4.000	457.759	-2.00	4.062	457.666	-150.00
-4.490	458.636	-150.00	-4.000	459.372	-2.00	1766+0.000	459.452	459.008	0.444	4.000	459.372	-2.00	4.020	459.341	-150.00
-4.458	459.763	-150.00	-4.000	460.450	-2.00	1767+0.000	460.530	460.099	0.431	4.000	460.450	-2.00	4.020	460.420	-150.00
-4.509	460.612	-150.00	-4.000	461.375	-2.00	1768+0.000	461.455	460.946	0.509	4.000	461.375	-2.00	4.084	461.249	-150.00
-4.198	461.081	-150.00	-4.000	461.378	-2.00	1769+0.000	461.458	461.303	0.156	4.000	461.378	-2.00	4.221	461.525	66.67
-4.257	460.942	-150.00	-4.000	461.328	-2.00	1770+0.000	461.408	461.260	0.148	4.000	461.328	-2.00	4.335	461.551	66.67
-4.355	460.746	-150.00	-4.000	461.277	-2.00	1771+0.000	461.357	461.019	0.339	4.000	461.277	-2.00	4.029	461.233	-150.00
-4.450	460.509	-150.00	-4.000	461.184	-2.00	1772+0.000	461.264	460.823	0.441	4.000	461.184	-2.00	4.050	461.109	-150.00
-4.469	460.163	-150.00	-4.000	460.866	-2.00	1773+0.000	460.946	460.494	0.452	4.000	460.866	-2.00	4.048	460.795	-150.00
-4.493	459.566	-150.00	-4.000	460.306	-2.00	1774+0.000	460.386	459.929	0.456	4.000	460.306	-2.00	4.033	460.255	-150.00
-4.497	458.949	-150.00	-4.000	459.695	-2.00	1775+0.000	459.775	459.325	0.450	4.000	459.695	-2.00			

Osvaldo Ledesma da Silva
Diretor
Projetos
Secretaria

-4.522	458.528	-150.00	-4.000	459.311	-2.00	1776+0.000	459.391	458.939	0.452	4.000	459.311	-2.00	4.010	459.295	-150.00
-4.524	458.090	-150.00	-4.000	458.876	-2.00	1777+0.000	458.956	458.504	0.453	4.000	458.876	-2.00	4.009	458.862	-150.00
-4.515	457.469	-150.00	-4.000	458.242	-2.00	1778+0.000	458.322	457.835	0.487	4.000	458.242	-2.00	4.052	458.164	-150.00
-4.535	456.741	-150.00	-4.000	457.544	-2.00	1779+0.000	457.624	457.133	0.491	4.000	457.544	-2.00	4.044	457.477	-150.00
-4.504	455.904	-150.00	-4.000	456.661	-2.00	1780+0.000	456.741	456.267	0.474	4.000	456.661	-2.00	4.054	456.580	-150.00
-4.472	454.657	-150.00	-4.000	455.365	-2.00	1781+0.000	455.445	454.990	0.454	4.000	455.365	-2.00	4.047	455.294	-150.00
-4.468	453.371	-150.00	-4.000	454.073	-2.00	1782+0.000	454.153	453.701	0.452	4.000	454.073	-2.00	4.049	453.999	-150.00
-4.493	452.167	-150.00	-4.000	452.907	-2.00	1783+0.000	452.987	452.532	0.454	4.000	452.907	-2.00	4.031	452.860	-150.00
-4.449	451.327	-150.00	-4.000	452.000	-2.00	1784+0.000	452.080	451.648	0.432	4.000	452.000	-2.00	4.038	451.944	-150.00
-4.468	450.746	-150.00	-4.000	451.448	-2.00	1785+0.000	451.528	451.059	0.469	4.000	451.448	-2.00	4.078	451.331	-150.00
-4.552	450.260	-150.00	-4.000	451.089	-2.00	1786+0.000	451.169	450.583	0.586	4.000	451.089	-2.00	4.142	450.876	-150.00
-4.472	450.021	-150.00	-4.000	450.730	-2.00	1787+0.000	450.810	450.344	0.466	4.000	450.730	-2.00	4.083	450.606	-150.00
-4.289	450.279	-150.00	-4.000	450.713	-2.00	1788+0.000	450.793	450.345	0.448	4.000	450.713	-2.00	4.089	450.579	-150.00
-4.373	450.559	-150.00	-4.000	451.119	-2.00	1789+0.000	451.199	450.668	0.531	4.000	451.119	-2.00	4.205	450.811	-150.00
-4.321	451.270	-150.00	-4.000	451.752	-2.00	1790+0.000	451.832	451.422	0.410	4.000	451.752	-2.00	4.170	451.498	-150.00
-4.233	452.009	-150.00	-4.000	452.358	-2.00	1791+0.000	452.438	452.087	0.351	4.000	452.358	-2.00	4.141	452.146	-150.00
-4.296	452.366	-150.00	-4.000	452.811	-2.00	1792+0.000	452.891	452.498	0.392	4.000	452.811	-2.00	4.124	452.625	-150.00
-4.273	452.691	-150.00	-4.000	453.101	-2.00	1793+0.000	453.181	452.738	0.443	4.000	453.101	-2.00	4.210	452.785	-150.00
-4.203	453.002	-150.00	-4.000	453.307	-2.00	1794+0.000	453.387	452.938	0.450	4.000	453.307	-2.00	4.290	452.872	-150.00
-4.197	452.925	-150.00	-4.000	453.220	-2.00	1795+0.000	453.300	452.861	0.439	4.000	453.220	-2.00	4.283	452.796	-150.00
-4.203	452.654	-150.00	-4.000	452.959	-2.00	1796+0.000	453.039	452.594	0.445	4.000	452.959	-2.00	4.226	452.620	-150.00
-4.227	452.618	-150.00	-4.000	452.958	-2.00	1797+0.000	453.038	452.591	0.447	4.000	452.958	-2.00	4.242	452.596	-150.00
-4.228	452.758	-150.00	-4.000	453.099	-2.00	1798+0.000	453.179	452.730	0.449	4.000	453.099	-2.00	4.273	452.689	-150.00
-4.238	452.769	-150.00	-4.000	453.125	-2.00	1799+0.000	453.205	452.726	0.479	4.000	453.125	-2.00	4.256	452.741	-150.00
-4.204	452.834	-150.00	-4.000	453.140	-2.00	1800+0.000	453.220	452.785	0.435	4.000	453.140	-2.00	4.221	452.809	-150.00
-4.112	453.363	-150.00	-4.000	453.531	-2.00	1801+0.000	453.611	453.166	0.445	4.000	453.531	-2.00	4.384	452.956	-150.00
-4.143	454.069	-150.00	-4.000	454.283	-2.00	1802+0.000	454.363	453.911	0.452	4.000	454.283	-2.00	4.358	453.745	-150.00
-4.073	454.493	-150.00	-4.000	454.602	-2.00	1803+0.000	454.682	454.173	0.509	4.000	454.602	-2.00	4.408	453.991	-150.00
-4.070	454.751	-150.00	-4.000	454.856	-2.00	1804+0.000	454.936	454.488	0.448	4.000	454.856	-2.00	4.404	454.250	-150.00
-4.145	455.037	-150.00	-4.000	455.254	-2.00	1805+0.000	455.334	454.813	0.522	4.000	455.254	-2.00	4.454	454.574	-150.00
-4.101	455.538	-150.00	-4.000	455.689	-2.00	1806+0.000	455.769	455.318	0.452	4.000	455.689	-2.00	4.389	455.105	-150.00
-4.093	456.234	-150.00	-4.000	456.373	-2.00	1807+0.000	456.453	456.008	0.445	4.000	456.373	-2.00	4.405	455.766	-150.00
-4.102	457.169	-150.00	-4.000	457.322	-2.00	1808+0.000	457.402	456.974	0.428	4.000	457.322	-2.00	4.370	456.767	-150.00
-4.165	458.052	-150.00	-4.000	458.301	-2.00	1809+0.000	458.381	457.910	0.470	4.000	458.301	-2.00	4.337	457.795	-150.00
-4.190	458.994	-150.00	-4.000	459.279	-2.00	1810+0.000	459.359	458.895	0.464	4.000	459.279	-2.00	4.324	458.793	-150.00
-4.208	459.946	-150.00	-4.000	460.257	-2.00	1811+0.000	460.337	459.860	0.477	4.000	460.257	-2.00	4.324	459.771	-150.00
-4.223	460.900	-150.00	-4.000	461.235	-2.00	1812+0.000	461.315	460.837	0.478	4.000	461.235	-2.00	4.309	460.772	-150.00
-4.227	461.858	-150.00	-4.000	462.198	-2.00	1813+0.000	462.278	461.829	0.449	4.000	462.198	-2.00	4.266	461.800	-150.00
-4.238	462.789	-150.00	-4.000	463.146	-2.00	1814+0.000	463.226	462.782	0.444	4.000	463.146	-2.00	4.234	462.795	-150.00
-4.247	463.905	-150.00	-4.000	464.275	-2.00	1815+0.000	464.355	463.916	0.439	4.000	464.275	-2.00	4.235	463.923	-150.00
-4.274	465.036	-150.00	-4.000	465.446	-2.00	1816+0.000	465.526	465.109	0.418	4.000	465.446	-2.00	4.213	465.128	-150.00
-4.354	466.087	-150.00	-4.000	466.618	-2.00	1817+0.000	466.698	466.232	0.465	4.000	466.618	-2.00	4.153	466.388	-150.00
-4.355	467.257	-150.00	-4.000	467.789	-2.00	1818+0.000	467.869	467.421	0.448	4.000	467.789	-2.00	4.144	467.572	-150.00
-4.392	468.252	-150.00	-4.000	468.840	-2.00	1819+0.000	468.920	468.469	0.451	4.000	468.840	-2.00	4.134	468.639	-150.00
-4.473	468.918	-150.00	-4.000	469.628	-2.00	1820+0.000	469.708	469.224	0.484	4.000	469.628	-2.00	4.077	469.513	-150.00
-4.470	469.447	-150.00	-4.000	470.151	-2.00	1821+0.000	470.231	469.746	0.485	4.000	470.151	-2.00	4.091	470.015	-150.00
-4.505	469.917	-150.00	-4.000	470.675	-2.00	1822+0.000	470.755	470.302	0.453	4.000	470.675	-2.00	4.072	470.566	-150.00
-4.493	470.458	-150.00	-4.000	471.198	-2.00	1823+0.000	471.278	470.833	0.445	4.000	471.198	-2.00	4.021	471.167	-150.00
-4.534	470.921	-150.00	-4.000	471.722	-2.00	1824+0.000	471.802	471.312	0.489	4.000	471.722	-2.00	4.043	471.657	-150.00
-4.517	471.470	-150.00	-4.000	472.245	-2.00	1825+0.000	472.325	471.897	0.428	4.000	472.245	-2.00	4.016	472.221	-150.00
-4.508	472.007	-150.00	-4.000	472.769	-2.00	1826+0.000	472.849	472.410	0.439	4.000	472.769	-2.00			
-4.476	472.578	-150.00	-4.000	473.292	-2.00	1827+0.000	473.372	472.952	0.421	4.000	473.292	-2.00			
-4.525	472.920	-150.00	-4.000	473.708	-2.00	1828+0.000	473.788	473.327	0.461	4.000	473.708	-2.00	4.039	473.649	-150.00
-4.468	472.854	-150.00	-4.000	473.556	-2.00	1829+0.000	473.636	473.170	0.466	4.000	473.556	-2.00	4.066	473.458	-150.00
-4.456	472.685	-150.00	-4.000	473.369	-2.00	1830+0.000	473.449	472.996	0.453	4.000	473.369	-2.00	4.071	473.262	-150.00
-4.413	472.384	-150.00	-4.000	473.003	-2.00	1831+0.000	473.083	472.641	0.442	4.000	473.003	-2.00	4.104	472.847	-150.00
-4.370	472.042	-150.00	-4.000	472.596	-2.00	1832+0.000	472.676	472.256	0.421	4.000	472.596	-2.00	4.108	472.434	-150.00
-4.205	472.049	-150.00	-4.000	472.356	-2.00	1833+0.000	472.436	472.080	0.356	4.000	472.356	-2.00	4.166	472.108	-150.00
-4.110	471.970	-150.00	-4.000	472.135	-2.00	1834+0.000	472.215	471.996	0.218	4.000	472.135	-2.00	4.089	472.001	-150.00
-4.137	471.707	-150.00	-4.000	471.913	-2.00	1835+0.000	471.993	471.726	0.267	4.000	471.913	-2.00	4.114	471.742	-150.00
-4.199	471.382	-150.00	-4.000	471.680	-2.00	1836+0.000	471.760	471.394	0.367	4.000	471.680	-2.00	4.208	471.369	-150.00
-4.259	470.874	-150.00	-4.000	471.263	-2.00	1837+0.000	471.343	470.871	0.472	4.000	471.263	-2.00	4.275	470.850	-150.00
-4.248	470.416	-150.00	-4.000	470.787	-2.00	1838+0.000	470.867	470.415	0.452	4.000	470.787	-2.00	4.274	470.376	-150.00
-4.205	470.005	-150.00	-4.000	470.312	-2.00	1839+0.000	470.392	469.952	0.440	4.000	470.312	-2.00	4.276	469.897	-150.00
-4.222	469.676	-150.00	-4.000	470.009	-2.00	1840+0.000	470.089	469.579	0.510	4.000	470.009	-2.00	4.330	469.515	-150.00
-4.251	469.654	-150.00	-4.000	470.030	-2.00	1841+0.000	470.110	469.623	0.488	4.000	470.030	-2.00	4.293	469.591	-150.00
-4.258	469.655	-150.00	-4.000	470.042	-2.00	1842+0.000	470.122	469.668	0.454	4.000	470.042	-2.00	4.263	469.647	-150.00
-4.244	469.462	-150.00	-4.000	469.829	-2.00	1843+0.000	469.909	469.453	0.456	4.000	469.829	-2.00	4.270	469.424	-150.00
-4.234	469.241	-150.00	-4.000	469.591	-2.00	1844+0.000	469.671	469.220	0.451	4.000	469.591	-2.00	4.284	469.165	-150.00
-4.228	468.800	-150.00	-4.000	469.143	-2.00	1845+0.000	469.223	468.768	0.455	4.000	469.143	-2.00	4.272	468.735	-150.00
-4.211	468.322	-150.00	-4.000	468.639	-2.00	1846+0.000	468.719	468.269	0.450	4.000	468.639	-2.00	4.339	468.130	-150.00
-4.165	467.255	-150.00	-4.000	467.502	-2.00	1847+0.000	467.582	467.158	0.424	4.000	467.502	-2.00	4.297	467.056	-150.00
-4.172	466.299	-150.00	-4.000	466.557	-2.00	1848+0.000	466.637	466.212	0.426	4.000	466.557	-2.00	4.289	466.124	-150.00
-4.176	465.741	-150.00	-4.000	466.006	-2.00	1849+0.000	466.086	465.641	0.445	4.000	466.006	-2.00	4.312	465.538	-150.00
-4.167	465.405	-150.00	-4.000	465.655	-2.00	1850+0.000	465.735	465.275	0.460	4.000	465.655	-2.00	4.344	465.139	-150.00
-4.171	465.028	-150.00	-4.000	465.285	-2.00	1851+0.000	465.365	464.896	0.468	4.000	465.285	-2.00	4.350	464.759	-150.00
-4.114	464.614	-150.00	-4.000	464.784	-2.00	1852+0.000	464.864	464.453	0.411	4.000	464.784	-2.00	4.334	464.283	-150.00
-4.211	463.820	-150.00	-4.000	464.136	-2.00	1853+0.000	464.216	463.755	0.461	4.000	464.136	-2.00	4.299	463.688	-150.00
-4.236	462.987	-150.00	-4.000	463.341	-2.00	1854+0.000	463.421	462.928	0.493	4.000	463.341	-2.00	4.315	462.868	-150.00
-4.225	462.060	-150.00	-4.000	462.398	-2.00	1855+0.000	462.478	462.060	0.418	4.000	462.398	-2.00	4.263	462.003	-150.00
-4.229	460.963	-150.00	-4.000	461.307	-2.00	1856+0.000	461.387	460.923	0.465	4.000	461.307	-2.00	4.317	460.832	-150.00

Greenfield Engineering Services
Project Manager
Secretary

-4.206	459.768	-150.00	-4.000	460.077	-2.00	1857+0.000	460.157	459.702	0.455	4.000	460.077	-2.00	4.308	459.615	-150.00
-4.179	458.660	-150.00	-4.000	458.928	-2.00	1858+0.000	459.008	458.559	0.449	4.000	458.928	-2.00	4.315	458.456	-150.00
-4.170	457.579	-150.00	-4.000	457.834	-2.00	1859+0.000	457.914	457.479	0.435	4.000	457.834	-2.00	4.303	457.379	-150.00
-4.169	456.485	-150.00	-4.000	456.739	-2.00	1860+0.000	456.819	456.411	0.408	4.000	456.739	-2.00	4.269	456.336	-150.00
-4.227	455.400	-150.00	-4.000	455.740	-2.00	1861+0.000	455.820	455.380	0.440	4.000	455.740	-2.00	4.299	455.292	-150.00
-4.167	454.656	-150.00	-4.000	454.906	-2.00	1862+0.000	454.986	454.522	0.464	4.000	454.906	-2.00	4.349	454.383	-150.00
-4.163	453.759	-150.00	-4.000	454.003	-2.00	1863+0.000	454.083	453.617	0.465	4.000	454.003	-2.00	4.355	453.469	-150.00
-4.218	452.724	-150.00	-4.000	453.051	-2.00	1864+0.000	453.131	452.669	0.462	4.000	453.051	-2.00	4.295	452.608	-150.00
-4.157	451.559	-150.00	-4.000	451.795	-2.00	1865+0.000	451.875	451.419	0.456	4.000	451.795	-2.00	4.323	451.311	-150.00
-4.142	450.383	-150.00	-4.000	450.596	-2.00	1866+0.000	450.676	450.226	0.450	4.000	450.596	-2.00	4.330	450.101	-150.00
-4.147	449.289	-150.00	-4.000	449.509	-2.00	1867+0.000	449.589	449.138	0.451	4.000	449.509	-2.00	4.340	448.999	-150.00
-4.139	448.249	-150.00	-4.000	448.457	-2.00	1868+0.000	448.537	448.092	0.445	4.000	448.457	-2.00	4.346	447.938	-150.00
-4.221	447.267	-150.00	-4.000	447.599	-2.00	1869+0.000	447.679	447.213	0.465	4.000	447.599	-2.00	4.294	447.158	-150.00
-4.270	446.665	-150.00	-4.000	447.069	-2.00	1870+0.000	447.149	446.592	0.557	4.000	447.069	-2.00	4.367	446.518	-150.00
-4.156	446.329	-150.00	-4.000	446.563	-2.00	1871+0.000	446.643	446.222	0.421	4.000	446.563	-2.00	4.269	446.160	-150.00
-4.313	446.268	-150.00	-4.000	446.737	-2.00	1872+0.000	446.817	446.280	0.537	4.000	446.737	-2.00	4.296	446.292	-150.00
-4.336	446.494	-150.00	-4.000	446.997	-2.00	1873+0.000	447.077	446.499	0.578	4.000	446.997	-2.00	4.328	446.505	-150.00
-4.350	446.733	-150.00	-4.000	447.257	-2.00	1874+0.000	447.337	446.746	0.591	4.000	447.257	-2.00	4.305	446.800	-150.00
-4.254	447.135	-150.00	-4.000	447.517	-2.00	1875+0.000	447.597	447.147	0.450	4.000	447.517	-2.00	4.242	447.154	-150.00
-4.268	446.954	-150.00	-4.000	447.357	-2.00	1876+0.000	447.437	446.881	0.556	4.000	447.357	-2.00	4.367	446.806	-150.00
-4.168	446.906	-150.00	-4.000	447.159	-2.00	1877+0.000	447.239	446.808	0.431	4.000	447.159	-2.00	4.301	446.706	-150.00
-4.122	446.777	-150.00	-4.000	446.960	-2.00	1878+0.000	447.040	446.692	0.348	4.000	446.960	-2.00	4.237	446.604	-150.00
-4.057	446.677	-150.00	-4.000	446.762	-2.00	1879+0.000	446.842	446.539	0.302	4.000	446.762	-2.00	4.225	446.425	-150.00
-4.142	446.350	-150.00	-4.000	446.563	-2.00	1880+0.000	446.643	446.240	0.403	4.000	446.563	-2.00	4.227	446.222	-150.00
-4.294	446.019	-150.00	-4.000	446.460	-2.00	1881+0.000	446.540	446.046	0.494	4.000	446.460	-2.00	4.252	446.082	-150.00
-4.323	445.931	-150.00	-4.000	446.415	-2.00	1882+0.000	446.495	445.995	0.500	4.000	446.415	-2.00	4.238	446.057	-150.00
-4.331	445.873	-150.00	-4.000	446.370	-2.00	1883+0.000	446.450	445.930	0.519	4.000	446.370	-2.00	4.255	445.987	-150.00
-4.369	445.771	-150.00	-4.000	446.325	-2.00	1884+0.000	446.405	445.915	0.490	4.000	446.325	-2.00	4.236	445.971	-150.00
-4.350	445.755	-150.00	-4.000	446.280	-2.00	1885+0.000	446.360	445.877	0.482	4.000	446.280	-2.00	4.192	445.992	-150.00
-4.337	445.654	-150.00	-4.000	446.159	-2.00	1886+0.000	446.239	445.795	0.444	4.000	446.159	-2.00	4.152	445.931	-150.00
-4.313	445.112	-150.00	-4.000	445.583	-2.00	1887+0.000	445.663	445.208	0.454	4.000	445.583	-2.00	4.187	445.301	-150.00
-4.306	444.576	-150.00	-4.000	445.035	-2.00	1888+0.000	445.115	444.671	0.444	4.000	445.035	-2.00	4.181	444.764	-150.00
-4.325	444.017	-150.00	-4.000	444.504	-2.00	1889+0.000	444.584	444.109	0.476	4.000	444.504	-2.00	4.204	444.198	-150.00
-4.296	443.692	-150.00	-4.000	444.135	-2.00	1890+0.000	444.215	443.802	0.413	4.000	444.135	-2.00	4.164	443.889	-150.00
-4.327	443.470	-150.00	-4.000	443.960	-2.00	1891+0.000	444.040	443.587	0.453	4.000	443.960	-2.00	4.173	443.700	-150.00
-4.311	443.513	-150.00	-4.000	443.980	-2.00	1892+0.000	444.060	443.635	0.425	4.000	443.980	-2.00	4.153	443.750	-150.00
-4.341	443.622	-150.00	-4.000	444.133	-2.00	1893+0.000	444.213	443.740	0.473	4.000	444.133	-2.00	4.150	443.909	-150.00
-4.345	443.774	-150.00	-4.000	444.291	-2.00	1894+0.000	444.371	443.982	0.389	4.000	444.291	-2.00	4.072	444.182	-150.00
-4.261	444.057	-150.00	-4.000	444.449	-2.00	1895+0.000	444.529	444.280	0.249	4.000	444.449	-2.00	4.066	444.493	66.67
-4.294	444.166	-150.00	-4.000	444.607	-2.00	1896+0.000	444.687	444.418	0.269	4.000	444.607	-2.00	4.068	444.652	66.67
-4.423	444.053	-150.00	-4.000	444.687	-2.00	1897+0.000	444.767	444.309	0.458	4.000	444.687	-2.00	4.095	444.545	-150.00
-4.454	443.859	-150.00	-4.000	444.540	-2.00	1898+0.000	444.620	444.121	0.499	4.000	444.540	-2.00	4.100	444.391	-150.00
-4.470	443.586	-150.00	-4.000	444.292	-2.00	1899+0.000	444.372	443.916	0.456	4.000	444.292	-2.00	4.052	444.214	-150.00
-4.472	443.138	-150.00	-4.000	443.845	-2.00	1900+0.000	443.925	443.470	0.456	4.000	443.845	-2.00	4.050	443.770	-150.00
-4.428	442.594	-150.00	-4.000	443.237	-2.00	1901+0.000	443.317	442.908	0.409	4.000	443.237	-2.00	4.028	443.194	-150.00
-4.454	441.881	-150.00	-4.000	442.562	-2.00	1902+0.000	442.642	442.196	0.447	4.000	442.562	-2.00	4.054	442.482	-150.00
-4.460	441.291	-150.00	-4.000	441.980	-2.00	1903+0.000	442.060	441.614	0.446	4.000	441.980	-2.00	4.050	441.905	-150.00
-4.441	440.827	-150.00	-4.000	441.488	-2.00	1904+0.000	441.568	441.120	0.449	4.000	441.488	-2.00	4.045	441.421	-150.00
-4.429	440.526	-150.00	-4.000	441.169	-2.00	1905+0.000	441.249	440.799	0.450	4.000	441.169	-2.00	4.072	441.060	-150.00
-4.461	440.372	-150.00	-4.000	441.064	-2.00	1906+0.000	441.144	440.619	0.524	4.000	441.064	-2.00	4.152	440.835	-150.00
-4.566	440.117	-150.00	-4.000	440.966	-2.00	1907+0.000	441.046	440.353	0.693	4.000	440.966	-2.00	4.262	440.574	-150.00
-4.493	440.130	-150.00	-4.000	440.868	-2.00	1908+0.000	440.948	440.318	0.631	4.000	440.868	-2.00	4.249	440.495	-150.00
-4.418	440.143	-150.00	-4.000	440.771	-2.00	1909+0.000	440.851	440.287	0.564	4.000	440.771	-2.00	4.236	440.417	-150.00
-4.408	440.061	-150.00	-4.000	440.673	-2.00	1910+0.000	440.753	440.282	0.471	4.000	440.673	-2.00	4.174	440.413	-150.00
-4.448	439.868	-150.00	-4.000	440.540	-2.00	1911+0.000	440.620	440.168	0.453	4.000	440.540	-2.00	4.093	440.400	-150.00
-4.447	439.426	-150.00	-4.000	440.097	-2.00	1912+0.000	440.177	439.741	0.436	4.000	440.097	-2.00	4.046	440.027	-150.00
-4.442	438.990	-150.00	-4.000	439.654	-2.00	1913+0.000	439.734	439.304	0.431	4.000	439.654	-2.00	4.044	439.589	-150.00
-4.456	438.528	-150.00	-4.000	439.211	-2.00	1914+0.000	439.291	438.838	0.453	4.000	439.211	-2.00	4.062	439.119	-150.00
-4.434	438.001	-150.00	-4.000	438.651	-2.00	1915+0.000	438.731	438.262	0.469	4.000	438.651	-2.00	4.064	438.555	-150.00
-4.395	437.430	-150.00	-4.000	438.023	-2.00	1916+0.000	438.103	437.672	0.431	4.000	438.023	-2.00	4.084	437.898	-150.00
-4.257	437.149	-150.00	-4.000	437.534	-2.00	1917+0.000	437.614	437.285	0.330	4.000	437.534	-2.00	4.082	437.411	-150.00
-4.309	436.599	-150.00	-4.000	437.062	-2.00	1918+0.000	437.142	436.720	0.423	4.000	437.062	-2.00	4.147	436.841	-150.00
-4.242	436.232	-150.00	-4.000	436.595	-2.00	1919+0.000	436.675	436.233	0.442	4.000	436.595	-2.00	4.191	436.309	-150.00
-4.232	435.979	-150.00	-4.000	436.327	-2.00	1920+0.000	436.407	435.959	0.448	4.000	436.327	-2.00	4.259	435.938	-150.00
-4.216	435.809	-150.00	-4.000	436.132	-2.00	1921+0.000	436.212	435.763	0.449	4.000	436.132	-2.00	4.277	435.717	-150.00
-4.118	435.689	-150.00	-4.000	435.866	-2.00	1922+0.000	435.946	435.503	0.443	4.000	435.866	-2.00	4.283	435.442	-150.00
-4.133	435.401	-150.00	-4.000	435.601	-2.00	1923+0.000	435.681	435.268	0.412	4.000	435.601	-2.00	4.236	435.247	-150.00
-4.173	435.075	-150.00	-4.000	435.335	-2.00	1924+0.000	435.415	434.993	0.422	4.000	435.335	-2.00	4.166	435.085	-150.00
-4.017	435.080	66.67	-4.000	435.069	-2.00	1925+0.000	435.149	434.987	0.162	4.000	435.069	-2.00	4.119	434.891	-150.00
			-4.000	434.803	-2.00	1926+0.000	434.883	434.741	0.142	4.000	434.803	-2.00	4.084	434.677	-150.00
-4.149	434.314	-150.00	-4.000	434.538	-2.00	1927+0.000	434.618	434.263	0.355	4.000	434.538	-2.00	4.190	434.253	-150.00
-4.055	434.189	-150.00	-4.000	434.272	-2.00	1928+0.000	434.352	434.103	0.249	4.000	434.272	-2.00	4.179	434.003	-150.00
-4.093	433.866	-150.00	-4.000	434.006	-2.00	1929+0.000	434.086	433.738	0.348	4.000	434.006	-2.00	4.267	433.605	-150.00
-4.081	433.647	-150.00	-4.000	433.768	-2.00	1930+0.000	433.848	433.408	0.440	4.000	433.768	-2.00	4.351	433.241	-150.00
-4.116	433.651	-150.00	-4.000	433.824	-2.00	1931+0.000	433.904	433.447	0.457	4.000	433.824	-2.00	4.380	433.254	-150.00
-4.152	433.696	-150.00	-4.000	433.923	-2.00	1932+0.000	434.003	433.531	0.473	4.000	433.923	-2.00	4.378	433.357	-150.00
-4.112	433.971	-150.00	-4.000	434.140	-2.00	1933+0.000	434.220	433.774	0.446	4.000	434.140	-2.00	4.384	433.564	-150.00
-4.107	434.284	-150.00	-4.000	434.444	-2.00	1934+0.000	434.524	434.070	0.454	4.000	434.444	-2.00	4.402	433.841	-150.00
-4.091	434.473	-150.00	-4.000	434.610	-2.00	1935+0.000	434.690	434.289	0.400	4.000	434.610	-2.00	4.365	434.062	-150.00
-4.245	434.403	-150.00	-4.000	434.770	-2.00	1936+0.000	434.850	434.329	0.521	4.000	434.770	-2.00	4.345	434.253	-150.00
-4.231	434.151	-150.00	-4.000	434.498	-2.00	1937+0.000	434.578	434.094	0.484	4.000	434.498	-2.00	4.308	434.037	-150.00

Osvaldo Leonardo [illegible]

-4.316	433.555	-150.00	-4.000	434.028	-2.00	1938+0.000	434.108	433.634	0.474	4.000	434.028	-2.00	4.225	433.691	-150.00
-4.411	432.942	-150.00	-4.000	433.559	-2.00	1939+0.000	433.639	433.023	0.616	4.000	433.559	-2.00	4.304	433.102	-150.00
-4.416	432.466	-150.00	-4.000	433.089	-2.00	1940+0.000	433.169	432.651	0.518	4.000	433.089	-2.00	4.190	432.804	-150.00
-4.475	431.967	-150.00	-4.000	432.679	-2.00	1941+0.000	432.759	432.182	0.577	4.000	432.679	-2.00	4.197	432.384	-150.00
-4.617	431.377	-150.00	-4.000	432.302	-2.00	1942+0.000	432.382	431.737	0.645	4.000	432.302	-2.00	4.160	432.062	-150.00
-4.489	431.192	-150.00	-4.000	431.925	-2.00	1943+0.000	432.005	431.508	0.497	4.000	431.925	-2.00	4.078	431.809	-150.00
-4.475	430.836	-150.00	-4.000	431.549	-2.00	1944+0.000	431.629	431.121	0.508	4.000	431.549	-2.00	4.103	431.394	-150.00
-4.519	430.651	-150.00	-4.000	431.429	-2.00	1945+0.000	431.509	431.046	0.463	4.000	431.429	-2.00	4.019	431.401	-150.00
-4.555	430.876	-150.00	-4.000	431.708	-2.00	1946+0.000	431.788	431.256	0.532	4.000	431.708	-2.00	4.075	431.596	-150.00
-4.516	431.212	-150.00	-4.000	431.987	-2.00	1947+0.000	432.067	431.590	0.476	4.000	431.987	-2.00	4.040	431.927	-150.00
-4.516	431.638	-150.00	-4.000	432.413	-2.00	1948+0.000	432.493	432.051	0.442	4.000	432.413	-2.00	4.005	432.417	66.67
-4.528	432.277	-150.00	-4.000	433.069	-2.00	1949+0.000	433.149	432.695	0.454	4.000	433.069	-2.00			
-4.526	433.003	-150.00	-4.000	433.792	-2.00	1950+0.000	433.872	433.410	0.461	4.000	433.792	-2.00	4.013	433.772	-150.00
-4.488	433.694	-150.00	-4.000	434.426	-2.00	1951+0.000	434.506	434.104	0.402	4.000	434.426	-2.00	4.076	434.476	66.67
-4.399	434.258	-150.00	-4.000	434.857	-2.00	1952+0.000	434.937	434.631	0.305	4.000	434.857	-2.00	4.265	435.033	66.67
-4.393	434.698	-150.00	-4.000	435.287	-2.00	1953+0.000	435.367	435.104	0.264	4.000	435.287	-2.00	4.323	435.503	66.67
-4.534	434.904	-150.00	-4.000	435.705	-2.00	1954+0.000	435.785	435.333	0.451	4.000	435.705	-2.00	4.031	435.726	66.67
-4.541	434.807	-150.00	-4.000	435.620	-2.00	1955+0.000	435.700	435.244	0.455	4.000	435.620	-2.00	4.030	435.639	66.67
-4.531	434.304	-150.00	-4.000	435.100	-2.00	1956+0.000	435.180	434.717	0.463	4.000	435.100	-2.00	4.012	435.082	-150.00
-4.534	433.670	-150.00	-4.000	434.471	-2.00	1957+0.000	434.551	434.061	0.490	4.000	434.471	-2.00	4.037	434.415	-150.00
-4.550	432.994	-150.00	-4.000	433.820	-2.00	1958+0.000	433.900	433.377	0.523	4.000	433.820	-2.00	4.067	433.719	-150.00
-4.473	432.479	-150.00	-4.000	433.188	-2.00	1959+0.000	433.268	432.842	0.427	4.000	433.188	-2.00	4.011	433.171	-150.00
-4.485	432.230	-150.00	-4.000	432.957	-2.00	1960+0.000	433.037	432.585	0.452	4.000	432.957	-2.00	4.035	432.905	-150.00
-4.512	432.068	-150.00	-4.000	432.837	-2.00	1961+0.000	432.917	432.410	0.507	4.000	432.837	-2.00	4.079	432.719	-150.00
-4.585	431.862	-150.00	-4.000	432.739	-2.00	1962+0.000	432.819	432.193	0.626	4.000	432.739	-2.00	4.154	432.508	-150.00
-4.585	431.764	-150.00	-4.000	432.641	-2.00	1963+0.000	432.721	432.134	0.587	4.000	432.641	-2.00	4.118	432.464	-150.00
-4.495	431.784	-150.00	-4.000	432.526	-2.00	1964+0.000	432.606	432.148	0.458	4.000	432.526	-2.00	4.045	432.459	-150.00
-4.478	431.197	-150.00	-4.000	431.915	-2.00	1965+0.000	431.995	431.532	0.463	4.000	431.915	-2.00	4.058	431.828	-150.00
-4.467	430.563	-150.00	-4.000	431.264	-2.00	1966+0.000	431.344	430.891	0.452	4.000	431.264	-2.00	4.043	431.199	-150.00
-4.437	429.930	-150.00	-4.000	430.586	-2.00	1967+0.000	430.666	430.275	0.390	4.000	430.586	-2.00	4.036	430.609	66.67
-4.491	429.172	-150.00	-4.000	429.907	-2.00	1968+0.000	429.987	429.534	0.454	4.000	429.907	-2.00	4.038	429.851	-150.00
-4.513	428.493	-150.00	-4.000	429.263	-2.00	1969+0.000	429.343	428.878	0.464	4.000	429.263	-2.00	4.023	429.229	-150.00
-4.497	428.201	-150.00	-4.000	428.946	-2.00	1970+0.000	429.026	428.584	0.443	4.000	428.946	-2.00	4.014	428.926	-150.00
-4.507	428.099	-150.00	-4.000	428.859	-2.00	1971+0.000	428.939	428.479	0.460	4.000	428.859	-2.00	4.098	428.925	66.67
-4.558	428.451	-150.00	-4.000	429.287	-2.00	1972+0.000	429.367	428.946	0.421	4.000	429.287	-2.00	4.168	429.399	66.67
-4.567	428.879	-150.00	-4.000	429.729	-2.00	1973+0.000	429.809	429.383	0.426	4.000	429.729	-2.00	4.172	429.844	66.67
-4.554	429.337	-150.00	-4.000	430.168	-2.00	1974+0.000	430.248	429.800	0.448	4.000	430.168	-2.00	4.068	430.214	66.67
-4.566	429.673	-150.00	-4.000	430.522	-2.00	1975+0.000	430.602	430.151	0.451	4.000	430.522	-2.00	4.083	430.578	66.67
-4.540	429.993	-150.00	-4.000	430.802	-2.00	1976+0.000	430.882	430.419	0.464	4.000	430.802	-2.00	4.006	430.794	-150.00
-4.537	430.140	-150.00	-4.000	430.946	-2.00	1977+0.000	431.026	430.548	0.479	4.000	430.946	-2.00	4.025	430.909	-150.00
-4.533	430.260	-150.00	-4.000	431.059	-2.00	1978+0.000	431.139	430.666	0.473	4.000	431.059	-2.00	4.032	431.010	-150.00
-4.582	429.812	-150.00	-4.000	430.684	-2.00	1979+0.000	430.764	430.299	0.466	4.000	430.684	-2.00	4.008	430.672	-150.00
-4.577	429.285	-150.00	-4.000	430.150	-2.00	1980+0.000	430.230	429.771	0.459	4.000	430.150	-2.00	4.082	430.205	66.67
-4.574	428.727	-150.00	-4.000	429.587	-2.00	1981+0.000	429.667	429.217	0.450	4.000	429.587	-2.00	4.163	429.696	66.67
-4.592	428.079	-150.00	-4.000	428.967	-2.00	1982+0.000	429.047	428.614	0.433	4.000	428.967	-2.00	4.196	429.097	66.67
-4.612	427.427	-150.00	-4.000	428.346	-2.00	1983+0.000	428.426	427.961	0.465	4.000	428.346	-2.00	4.146	428.443	66.67
-4.610	426.771	-150.00	-4.000	427.686	-2.00	1984+0.000	427.766	427.293	0.473	4.000	427.686	-2.00	4.162	427.794	66.67
-4.669	425.826	-150.00	-4.000	426.830	-2.00	1985+0.000	426.910	426.286	0.624	4.000	426.830	-2.00	4.094	426.688	-150.00
-4.685	424.946	-150.00	-4.000	425.974	-2.00	1986+0.000	426.054	425.372	0.682	4.000	425.974	-2.00	4.150	425.749	-150.00
-4.733	424.165	-150.00	-4.000	425.265	-2.00	1987+0.000	425.345	424.846	0.499	4.000	425.265	-2.00	4.366	425.509	66.67
-4.670	424.391	-150.00	-4.000	425.396	-2.00	1988+0.000	425.476	425.039	0.436	4.000	425.396	-2.00	4.404	425.665	66.67
-4.633	424.776	-150.00	-4.000	425.725	-2.00	1989+0.000	425.805	425.378	0.428	4.000	425.725	-2.00	4.406	425.996	66.67
-4.671	425.163	-150.00	-4.000	426.169	-2.00	1990+0.000	426.249	425.891	0.358	4.000	426.169	-2.00	4.677	426.620	66.67
-4.613	425.710	-150.00	-4.000	426.630	-2.00	1991+0.000	426.710	426.389	0.321	4.000	426.630	-2.00	4.705	427.099	66.67
-4.559	426.253	-150.00	-4.000	427.090	-2.00	1992+0.000	427.170	426.867	0.303	4.000	427.090	-2.00	4.673	427.539	66.67
-4.685	426.523	-150.00	-4.000	427.551	-2.00	1993+0.000	427.631	427.241	0.390	4.000	427.551	-2.00	4.574	427.933	66.67
-4.726	426.951	-150.00	-4.000	428.040	-2.00	1994+0.000	428.120	427.671	0.449	4.000	428.040	-2.00	4.468	428.351	66.67
-4.693	427.453	-150.00	-4.000	428.492	-2.00	1995+0.000	428.572	428.119	0.453	4.000	428.492	-2.00	4.356	428.730	66.67
-4.681	427.664	-150.00	-4.000	428.685	-2.00	1996+0.000	428.765	428.307	0.459	4.000	428.685	-2.00	4.392	428.946	66.67
-4.593	427.984	-150.00	-4.000	428.874	-2.00	1997+0.000	428.954	428.526	0.428	4.000	428.874	-2.00	4.389	429.133	66.67
-4.596	428.168	-150.00	-4.000	429.062	-2.00	1998+0.000	429.142	428.717	0.424	4.000	429.062	-2.00	4.358	429.301	66.67
-4.622	428.271	-150.00	-4.000	429.203	-2.00	1999+0.000	429.283	428.833	0.450	4.000	429.203	-2.00	4.252	429.371	66.67
-4.645	428.267	-150.00	-4.000	429.235	-2.00	2000+0.000	429.315	428.807	0.508	4.000	429.235	-2.00	4.067	429.280	66.67
-4.670	428.262	-150.00	-4.000	429.267	-2.00	2001+0.000	429.347	428.803	0.545	4.000	429.267	-2.00	4.020	429.280	66.67
-4.684	428.273	-150.00	-4.000	429.300	-2.00	2002+0.000	429.380	428.766	0.613	4.000	429.300	-2.00	4.075	429.187	-150.00
-4.557	428.503	-150.00	-4.000	429.338	-2.00	2003+0.000	429.418	428.970	0.448	4.000	429.338	-2.00	4.075	429.388	66.67
-4.553	429.063	-150.00	-4.000	429.893	-2.00	2004+0.000	429.973	429.514	0.460	4.000	429.893	-2.00	4.028	429.912	66.67
-4.542	429.884	-150.00	-4.000	430.698	-2.00	2005+0.000	430.778	430.327	0.450	4.000	430.698	-2.00	4.114	430.774	66.67
-4.464	431.402	-150.00	-4.000	432.098	-2.00	2006+0.000	432.178	431.755	0.423	4.000	432.098	-2.00	4.042	432.126	66.67
-4.432	432.879	-150.00	-4.000	433.526	-2.00	2007+0.000	433.606	433.158	0.448	4.000	433.526	-2.00	4.006	433.530	66.67
-4.421	434.309	-150.00	-4.000	434.940	-2.00	2008+0.000	435.020	434.571	0.449	4.000	434.940	-2.00	4.062	434.846	-150.00
-4.422	435.594	-150.00	-4.000	436.226	-2.00	2009+0.000	436.306	435.854	0.452	4.000	436.226	-2.00	4.088	436.094	-150.00
-4.397	436.776	-150.00	-4.000	437.371	-2.00	2010+0.000	437.451	437.031	0.420	4.000	437.371	-2.00	4.069	437.267	-150.00
-4.329	437.845	-150.00	-4.000	438.339	-2.00	2011+0.000	438.419	438.098	0.320	4.000	438.339	-2.00			
-4.308	438.590	-150.00	-4.000	439.053	-2.00	2012+0.000	439.133	438.954	0.179	4.000	439.053	-2.00	4.487	439.377	66.67
-4.117	439.289	-150.00	-4.000	439.465	-2.00	2013+0.000	439.545	439.633	-0.088	4.000	439.465	-2.00	4.861	440.039	66.67
-4.199	439.578	-150.00	-4.000	439.877	-2.00	2014+0.000	439.957	439.938	0.018	4.000	439.877	-2.00	4.872	440.458	66.67
-4.379	439.715	-150.00	-4.000	440.284	-2.00	2015+0.000	440.364	439.958	0.406	4.000	440.284	-2.00	4.007	440.274	-150.00
-4.411	439.740	-150.00	-4.000	440.357	-2.00	2016+0.000	440.437	439.968	0.469	4.000	440.357	-2.00	4.112	440.189	-150.00
-4.377	439.577	-150.00	-4.000	440.143	-2.00	2017+0.000	440.223	439.814	0.409	4.000	440.143	-2.00	4.073	440.034	-150.00
-4.392	439.341	-150.00	-4.000	439.929	-2.00	2018+0.000	440.009	439.559	0.450	4.000	439.929	-2.00	4.106	439.771	-150.00

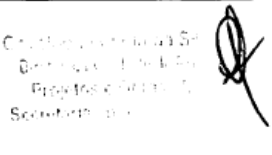
Geodésie Levés et
Projets
Section

-4.387	439.140	-150.00	-4.000	439.720	-2.00	2019+0.000	439.800	439.341	0.459	4.000	439.720	-2.00	4.126	439.531	-150.00
-4.382	438.684	-150.00	-4.000	439.257	-2.00	2020+0.000	439.337	438.885	0.452	4.000	439.257	-2.00	4.112	439.089	-150.00
-4.300	438.529	-150.00	-4.000	438.979	-2.00	2021+0.000	439.059	438.609	0.450	4.000	438.979	-2.00	4.124	438.793	-150.00
-4.313	438.437	-150.00	-4.000	438.906	-2.00	2022+0.000	438.986	438.531	0.455	4.000	438.906	-2.00	4.188	438.624	-150.00
-4.298	438.237	-150.00	-4.000	438.684	-2.00	2023+0.000	438.764	438.326 .	0.438	4.000	438.684	-2.00	4.187	438.403	-150.00
-4.275	438.040	-150.00	-4.000	438.452	-2.00	2024+0.000	438.532	438.091	0.441	4.000	438.452	-2.00	4.190	438.166	-150.00
-4.204	437.971	-150.00	-4.000	438.277	-2.00	2025+0.000	438.357	437.984	0.373	4.000	438.277	-2.00	4.187	437.997	-150.00
-4.154	437.876	-150.00	-4.000	438.106	-2.00	2026+0.000	438.186	437.845	0.341	4.000	438.106	-2.00	4.195	437.814	-150.00
-4.165	437.687	-150.00	-4.000	437.935	-2.00	2027+0.000	438.015	437.648	0.367	4.000	437.935	-2.00	4.218	437.607	-150.00
-4.174	437.503	-150.00	-4.000	437.764	-2.00	2028+0.000	437.844	437.477	0.367	4.000	437.764	-2.00	4.208	437.452	-150.00
-4.167	437.342	-150.00	-4.000	437.593	-2.00	2029+0.000	437.673	437.351	0.322	4.000	437.593	-2.00	4.176	437.329	-150.00
-4.228	437.080	-150.00	-4.000	437.422	-2.00	2030+0.000	437.502	437.106	0.396	4.000	437.422	-2.00	4.193	437.132	-150.00
-4.228	436.909	-150.00	-4.000	437.250	-2.00	2031+0.000	437.330	436.936	0.394	4.000	437.250	-2.00	4.192	436.962	-150.00
-4.292	436.680	-150.00	-4.000	437.118	-2.00	2032+0.000	437.198	436.750	0.448	4.000	437.118	-2.00	4.157	436.883	-150.00
-4.234	436.817	-150.00	-4.000	437.167	-2.00	2033+0.000	437.247	436.952	0.295	4.000	437.167	-2.00	4.057	437.081	-150.00
-4.285	436.788	-150.00	-4.000	437.216	-2.00	2034+0.000	437.296	436.972	0.324	4.000	437.216	-2.00	4.047	437.146	-150.00
-4.360	436.724	-150.00	-4.000	437.265	-2.00	2035+0.000	437.345	436.906	0.439	4.000	437.265	-2.00	4.124	437.078	-150.00
-4.339	436.486	-150.00	-4.000	436.994	-2.00	2036+0.000	437.074	436.696	0.379	4.000	436.994	-2.00	4.068	436.893	-150.00
-4.170	436.168	-150.00	-4.000	436.424	-2.00	2037+0.000	436.504	436.277	0.227	4.000	436.424	-2.00	4.027	436.383	-150.00
-4.271	435.448	-150.00	-4.000	435.854	-2.00	2038+0.000	435.934	435.585	0.349	4.000	435.854	-2.00	4.091	435.716	-150.00
-4.351	434.758	-150.00	-4.000	435.283	-2.00	2039+0.000	435.363	434.906	0.457	4.000	435.283	-2.00	4.124	435.097	-150.00
-4.368	434.387	-150.00	-4.000	434.939	-2.00	2040+0.000	435.019	434.553	0.466	4.000	434.939	-2.00	4.144	434.723	-150.00
-4.401	434.081	-150.00	-4.000	434.683	-2.00	2041+0.000	434.763	434.241	0.521	4.000	434.683	-2.00	4.180	434.412	-150.00
-4.458	433.739	-150.00	-4.000	434.426	-2.00	2042+0.000	434.506	433.900	0.606	4.000	434.426	-2.00	4.249	434.052	-150.00
-4.463	433.474	-150.00	-4.000	434.169	-2.00	2043+0.000	434.249	433.643	0.606	4.000	434.169	-2.00	4.244	433.803	-150.00
-4.389	433.329	-150.00	-4.000	433.912	-2.00	2044+0.000	433.992	433.484	0.508	4.000	433.912	-2.00	4.196	433.618	-150.00
-4.408	432.984	-150.00	-4.000	433.596	-2.00	2045+0.000	433.676	433.227	0.448	4.000	433.596	-2.00	4.108	433.434	-150.00
-4.353	432.374	-150.00	-4.000	432.904	-2.00	2046+0.000	432.984	432.599	0.385	4.000	432.904	-2.00	4.063	432.809	-150.00
-4.259	431.788	-150.00	-4.000	432.176	-2.00	2047+0.000	432.256	432.005	0.251	4.000	432.176	-2.00	4.020	432.189	66.67
-4.233	431.098	-150.00	-4.000	431.447	-2.00	2048+0.000	431.527	431.289	0.238	4.000	431.447	-2.00	4.037	431.472	66.67
-4.212	430.400	-150.00	-4.000	430.719	-2.00	2049+0.000	430.799	430.547	0.252	4.000	430.719	-2.00	4.052	430.641	-150.00
-4.308	429.516	-150.00	-4.000	429.979	-2.00	2050+0.000	430.059	429.619	0.440	4.000	429.979	-2.00	4.172	429.721	-150.00
-4.317	428.702	-150.00	-4.000	429.177	-2.00	2051+0.000	429.257	428.805	0.452	4.000	429.177	-2.00	4.182	428.905	-150.00
-4.339	428.030	-150.00	-4.000	428.538	-2.00	2052+0.000	428.618	428.151	0.467	4.000	428.538	-2.00	4.178	428.271	-150.00
-4.334	427.456	-150.00	-4.000	427.957	-2.00	2053+0.000	428.037	427.560	0.477	4.000	427.957	-2.00	4.191	427.671	-150.00
-4.297	426.930	-150.00	-4.000	427.376	-2.00	2054+0.000	427.456	427.006	0.450	4.000	427.376	-2.00	4.188	427.094	-150.00
-4.301	426.508	-150.00	-4.000	426.959	-2.00	2055+0.000	427.039	426.592	0.447	4.000	426.959	-2.00	4.189	426.676	-150.00
-4.299	426.114	-150.00	-4.000	426.562	-2.00	2056+0.000	426.642	426.191	0.452	4.000	426.562	-2.00	4.198	426.266	-150.00
-4.318	425.641	-150.00	-4.000	426.118	-2.00	2057+0.000	426.198	425.729	0.468	4.000	426.118	-2.00	4.202	425.815	-150.00
-4.305	424.957	-150.00	-4.000	425.414	-2.00	2058+0.000	425.494	425.047	0.447	4.000	425.414	-2.00	4.178	425.147	-150.00
-4.325	424.272	-150.00	-4.000	424.759	-2.00	2059+0.000	424.839	424.388	0.451	4.000	424.759	-2.00	4.172	424.501	-150.00
-4.364	423.603	-150.00	-4.000	424.150	-2.00	2060+0.000	424.230	423.754	0.476	4.000	424.150	-2.00	4.168	423.897	-150.00
-4.394	423.071	-150.00	-4.000	423.662	-2.00	2061+0.000	423.742	423.266	0.476	4.000	423.662	-2.00	4.141	423.450	-150.00
-4.396	422.557	-150.00	-4.000	423.151	-2.00	2062+0.000	423.231	422.789	0.442	4.000	423.151	-2.00	4.097	423.006	-150.00
-4.418	422.007	-150.00	-4.000	422.634	-2.00	2063+0.000	422.714	422.258	0.456	4.000	422.634	-2.00	4.095	422.491	-150.00
-4.457	421.145	-150.00	-4.000	421.831	-2.00	2064+0.000	421.911	421.381	0.530	4.000	421.831	-2.00	4.153	421.601	-150.00
-4.431	420.454	-150.00	-4.000	421.101	-2.00	2065+0.000	421.181	420.744	0.437	4.000	421.101	-2.00	4.058	421.014	-150.00
-4.459	420.456	-150.00	-4.000	421.145	-2.00	2066+0.000	421.225	420.772	0.453	4.000	421.145	-2.00	4.057	421.059	-150.00
-4.449	420.500	-150.00	-4.000	421.174	-2.00	2067+0.000	421.254	420.802	0.453	4.000	421.174	-2.00	4.065	421.077	-150.00
-4.453	420.381	-150.00	-4.000	421.061	-2.00	2068+0.000	421.141	420.678	0.463	4.000	421.061	-2.00	4.074	420.950	-150.00
-4.464	419.988	-150.00	-4.000	420.684	-2.00	2069+0.000	420.764	420.304	0.459	4.000	420.684	-2.00	4.071	420.577	-150.00
-4.339	419.263	-150.00	-4.000	419.772	-2.00	2070+0.000	419.852	419.403	0.449	4.000	419.772	-2.00	4.149	419.549	-150.00
-4.271	418.023	-150.00	-4.000	418.429	-2.00	2071+0.000	418.509	418.071	0.438	4.000	418.429	-2.00	4.207	418.118	-150.00
-4.167	417.521	-150.00	-4.000	417.772	-2.00	2072+0.000	417.852	417.451	0.401	4.000	417.772	-2.00	4.262	417.378	-150.00
-4.127	417.330	-150.00	-4.000	417.521	-2.00	2073+0.000	417.601	417.154	0.446	4.000	417.521	-2.00	4.325	417.034	-150.00
-4.154	417.576	-150.00	-4.000	417.807	-2.00	2074+0.000	417.887	417.440	0.447	4.000	417.807	-2.00	4.339	417.298	-150.00
-4.150	418.219	-150.00	-4.000	418.444	-2.00	2075+0.000	418.524	418.080	0.444	4.000	418.444	-2.00	4.339	417.935	-150.00
-4.130	419.061	-150.00	-4.000	419.257	-2.00	2076+0.000	419.337	418.892	0.445	4.000	419.257	-2.00	4.363	418.713	-150.00
-4.129	420.049	-150.00	-4.000	420.243	-2.00	2077+0.000	420.323	419.873	0.450	4.000	420.243	-2.00	4.371	419.687	-150.00
-4.121	421.167	-150.00	-4.000	421.348	-2.00	2078+0.000	421.428	420.958	0.470	4.000	421.348	-2.00	4.413	420.729	-150.00
-4.065	422.099	-150.00	-4.000	422.197	-2.00	2079+0.000	422.277	421.817	0.460	4.000	422.197	-2.00	4.460	421.508	-150.00
-4.052	422.497	-150.00	-4.000	422.575	-2.00	2080+0.000	422.655	422.176	0.479	4.000	422.575	-2.00	4.502	421.822	-150.00
-4.055	422.663	-150.00	-4.000	422.745	-2.00	2081+0.000	422.825	422.373	0.452	4.000	422.745	-2.00	4.460	422.054	-150.00
-4.057	422.716	-150.00	-4.000	422.801	-2.00	2082+0.000	422.881	422.441	0.441	4.000	422.801	-2.00	4.433	422.152	-150.00
-4.055	422.748	-150.00	-4.000	422.831	-2.00	2083+0.000	422.911	422.468	0.443	4.000	422.831	-2.00	4.429	422.188	-150.00
-4.075	422.748	-150.00	-4.000	422.860	-2.00	2084+0.000	422.940	422.491	0.450	4.000	422.860	-2.00	4.433	422.210	-150.00
-4.071	422.870	-150.00	-4.000	422.977	-2.00	2085+0.000	423.057	422.629	0.429	4.000	422.977	-2.00	4.407	422.367	-150.00
-4.078	423.026	-150.00	-4.000	423.144	-2.00	2086+0.000	423.224	422.776	0.448	4.000	423.144	-2.00	4.388	422.562	-150.00
-4.087	423.308	-150.00	-4.000	423.439	-2.00	2087+0.000	423.519	423.060	0.459	4.000	423.439	-2.00	4.432	422.791	-150.00
-4.131	423.543	-150.00	-4.000	423.739	-2.00	2088+0.000	423.819	423.306	0.513	4.000	423.739	-2.00	4.459	423.050	-150.00
-4.087	423.908	-150.00	-4.000	424.039	-2.00	2089+0.000	424.119	423.667	0.453	4.000	424.039	-2.00	4.422	423.405	-150.00
-4.101	424.353	-150.00	-4.000	424.505	-2.00	2090+0.000	424.585	424.134	0.451	4.000	424.505	-2.00	4.405	423.898	-150.00
-4.091	424.939	-150.00	-4.000	425.076	-2.00	2091+0.000	425.156	424.706	0.450	4.000	425.076	-2.00	4.415	424.453	-150.00
-4.096	425.367	-150.00	-4.000	425.511	-2.00	2092+0.000	425.591	425.136	0.455	4.000	425.511	-2.00	4.417	424.886	-150.00
-4.063	425.645	-150.00	-4.000	425.740	-2.00	2093+0.000	425.820	425.411	0.409	4.000	425.740	-2.00	4.387	425.159	-150.00
-4.114	425.677	-150.00	-4.000	425.849	-2.00	2094+0.000	425.929	425.480	0.448	4.000	425.849	-2.00	4.385	425.271	-150.00
-4.113	425.339	-150.00	-4.000	425.509	-2.00	2095+0.000	425.589	425.130	0.458	4.000	425.509	-2.00	4.401	424.907	-150.00
-4.087	425.051	-150.00	-4.000	425.181	-2.00	2096+0.000	425.261	424.811	0.450	4.000	425.181	-2.00	4.415	424.559	-150.00
-4.131	424.858	-150.00	-4.000	425.054	-2.00	2097+0.000	425.134	424.684	0.450	4.000	425.054	-2.00	4.409	424.441	-150.00
-4.146	424.575	-150.00	-4.000	424.794	-2.00	2098+0.000	424.874	424.408	0.466	4.000	424.794	-2.00	4.375	424.231	-150.00
-4.154	424.302	-150.00	-4.000	424.533	-2.00	2099+0.000	424.613	424.139	0.474	4.000	424.533	-2.00	4.377	423.967	-150.00

-4.122	424.240	-150.00	-4.000	424.423	-2.00	2100+0.000	424.503	424.041	0.462	4.000	424.423	-2.00	4.397	423.828	-150.00
-4.189	424.638	-150.00	-4.000	424.921	-2.00	2101+0.000	425.001	424.493	0.508	4.000	424.921	-2.00	4.410	424.306	-150.00
-4.303	425.014	-150.00	-4.000	425.468	-2.00	2102+0.000	425.548	424.888	0.660	4.000	425.468	-2.00	4.470	424.763	-150.00
-4.294	425.574	-150.00	-4.000	426.015	-2.00	2103+0.000	426.095	425.485	0.610	4.000	426.015	-2.00	4.413	425.395	-150.00
-4.268	426.160	-150.00	-4.000	426.562	-2.00	2104+0.000	426.642	426.052	0.590	4.000	426.562	-2.00	4.405	425.955	-150.00
-4.262	426.717	-150.00	-4.000	427.109	-2.00	2105+0.000	427.189	426.627	0.562	4.000	427.109	-2.00	4.383	426.534	-150.00
-4.230	427.312	-150.00	-4.000	427.656	-2.00	2106+0.000	427.736	427.255	0.481	4.000	427.656	-2.00	4.309	427.193	-150.00
-4.221	427.872	-150.00	-4.000	428.203	-2.00	2107+0.000	428.283	427.827	0.457	4.000	428.203	-2.00	4.282	427.781	-150.00
-4.235	428.398	-150.00	-4.000	428.751	-2.00	2108+0.000	428.831	428.380	0.450	4.000	428.751	-2.00	4.274	428.340	-150.00
-4.217	428.780	-150.00	-4.000	429.106	-2.00	2109+0.000	429.186	428.758	0.428	4.000	429.106	-2.00	4.247	428.735	-150.00
-4.231	428.957	-150.00	-4.000	429.303	-2.00	2110+0.000	429.383	428.958	0.425	4.000	429.303	-2.00	4.228	428.961	-150.00
-4.291	429.167	-150.00	-4.000	429.603	-2.00	2111+0.000	429.683	429.236	0.447	4.000	429.603	-2.00	4.198	429.305	-150.00
-4.253	429.570	-150.00	-4.000	429.948	-2.00	2112+0.000	430.028	429.641	0.387	4.000	429.948	-2.00	4.158	429.711	-150.00
-4.243	429.930	-150.00	-4.000	430.294	-2.00	2113+0.000	430.374	430.015	0.359	4.000	430.294	-2.00	4.128	430.102	-150.00
-4.256	430.256	-150.00	-4.000	430.640	-2.00	2114+0.000	430.720	430.362	0.358	4.000	430.640	-2.00	4.117	430.465	-150.00
-4.350	430.460	-150.00	-4.000	430.985	-2.00	2115+0.000	431.065	430.638	0.428	4.000	430.985	-2.00	4.158	430.748	-150.00
-4.367	430.718	-150.00	-4.000	431.268	-2.00	2116+0.000	431.348	430.899	0.448	4.000	431.268	-2.00	4.172	431.010	-150.00
-4.338	430.776	-150.00	-4.000	431.282	-2.00	2117+0.000	431.362	430.940	0.422	4.000	431.282	-2.00	4.159	431.043	-150.00
-4.338	430.790	-150.00	-4.000	431.297	-2.00	2118+0.000	431.377	430.945	0.431	4.000	431.297	-2.00	4.149	431.073	-150.00
-4.334	430.810	-150.00	-4.000	431.311	-2.00	2119+0.000	431.391	430.908	0.483	4.000	431.311	-2.00	4.205	431.004	-150.00
-4.380	430.756	-150.00	-4.000	431.326	-2.00	2120+0.000	431.406	430.855	0.551	4.000	431.326	-2.00	4.262	430.933	-150.00
-4.392	430.752	-150.00	-4.000	431.340	-2.00	2121+0.000	431.420	430.811	0.609	4.000	431.340	-2.00	4.314	430.869	-150.00
-4.376	430.790	-150.00	-4.000	431.355	-2.00	2122+0.000	431.435	430.825	0.610	4.000	431.355	-2.00	4.330	430.859	-150.00
-4.325	430.882	-150.00	-4.000	431.369	-2.00	2123+0.000	431.449	430.899	0.551	4.000	431.369	-2.00	4.302	430.916	-150.00
-4.334	430.883	-150.00	-4.000	431.384	-2.00	2124+0.000	431.464	430.900	0.564	4.000	431.384	-2.00	4.312	430.916	-150.00
-4.299	430.949	-150.00	-4.000	431.398	-2.00	2125+0.000	431.478	430.952	0.526	4.000	431.398	-2.00	4.295	430.955	-150.00
-4.271	431.006	-150.00	-4.000	431.413	-2.00	2126+0.000	431.493	431.006	0.486	4.000	431.413	-2.00	4.271	431.006	-150.00
-4.263	431.033	-150.00	-4.000	431.427	-2.00	2127+0.000	431.507	431.033	0.474	4.000	431.427	-2.00	4.260	431.037	-150.00
-4.248	431.067	-150.00	-4.000	431.439	-2.00	2128+0.000	431.519	431.069	0.450	4.000	431.439	-2.00	4.286	431.010	-150.00
-4.210	430.927	-150.00	-4.000	431.241	-2.00	2129+0.000	431.321	430.875	0.447	4.000	431.241	-2.00	4.280	430.821	-150.00
-4.208	430.814	-150.00	-4.000	431.127	-2.00	2130+0.000	431.207	430.765	0.442	4.000	431.127	-2.00	4.274	430.715	-150.00
-4.226	430.876	-150.00	-4.000	431.215	-2.00	2131+0.000	431.295	430.825	0.470	4.000	431.215	-2.00	4.298	430.769	-150.00
-4.283	430.996	-150.00	-4.000	431.422	-2.00	2132+0.000	431.502	430.942	0.559	4.000	431.422	-2.00	4.356	430.888	-150.00
-4.219	431.299	-150.00	-4.000	431.628	-2.00	2133+0.000	431.708	431.151	0.557	4.000	431.628	-2.00	4.427	430.987	-150.00
-4.219	431.506	-150.00	-4.000	431.835	-2.00	2134+0.000	431.915	431.352	0.562	4.000	431.835	-2.00	4.429	431.191	-150.00
-4.171	431.725	-150.00	-4.000	431.981	-2.00	2135+0.000	432.061	431.600	0.462	4.000	431.981	-2.00	4.369	431.429	-150.00
-4.214	431.646	-150.00	-4.000	431.967	-2.00	2136+0.000	432.047	431.479	0.568	4.000	431.967	-2.00	4.443	431.302	-150.00
-4.138	431.736	-150.00	-4.000	431.944	-2.00	2137+0.000	432.024	431.564	0.459	4.000	431.944	-2.00	4.374	431.383	-150.00
-4.124	431.485	-150.00	-4.000	431.671	-2.00	2138+0.000	431.751	431.285	0.466	4.000	431.671	-2.00	4.400	431.072	-150.00
-4.118	431.194	-150.00	-4.000	431.370	-2.00	2139+0.000	431.450	431.000	0.451	4.000	431.370	-2.00	4.385	430.792	-150.00
-4.115	430.837	-150.00	-4.000	431.010	-2.00	2140+0.000	431.090	430.640	0.450	4.000	431.010	-2.00	4.387	430.429	-150.00
-4.109	430.689	-150.00	-4.000	430.852	-2.00	2141+0.000	430.932	430.484	0.449	4.000	430.852	-2.00	4.392	430.264	-150.00
-4.100	430.565	-150.00	-4.000	430.715	-2.00	2142+0.000	430.795	430.347	0.448	4.000	430.715	-2.00	4.402	430.112	-150.00
-4.058	430.812	-150.00	-4.000	430.898	-2.00	2143+0.000	430.978	430.595	0.383	4.000	430.898	-2.00	4.347	430.377	-150.00
-4.132	430.937	-150.00	-4.000	431.135	-2.00	2144+0.000	431.215	430.743	0.472	4.000	431.135	-2.00	4.395	430.542	-150.00
-4.125	431.036	-150.00	-4.000	431.224	-2.00	2145+0.000	431.304	430.840	0.463	4.000	431.224	-2.00	4.395	430.632	-150.00
-4.143	431.049	-150.00	-4.000	431.264	-2.00	2146+0.000	431.344	430.861	0.483	4.000	431.264	-2.00	4.391	430.677	-150.00
-4.034	431.253	-150.00	-4.000	431.305	-2.00	2147+0.000	431.385	431.032	0.353	4.000	431.305	-2.00	4.340	430.795	-150.00
-4.011	431.329	-150.00	-4.000	431.346	-2.00	2148+0.000	431.426	431.150	0.275	4.000	431.346	-2.00	4.259	430.957	-150.00
-4.113	431.217	-150.00	-4.000	431.386	-2.00	2149+0.000	431.466	431.037	0.429	4.000	431.386	-2.00	4.347	430.865	-150.00
-4.099	431.568	66.67	-4.000	431.502	-2.00	2150+0.000	431.582	431.328	0.253	4.000	431.502	-2.00	4.282	431.078	-150.00
-4.099	431.699	66.67	-4.000	431.633	-2.00	2151+0.000	431.713	431.501	0.213	4.000	431.633	-2.00	4.224	431.297	-150.00
-4.033	431.715	-150.00	-4.000	431.765	-2.00	2152+0.000	431.845	431.536	0.309	4.000	431.765	-2.00	4.279	431.346	-150.00
-4.055	431.814	-150.00	-4.000	431.896	-2.00	2153+0.000	431.976	431.652	0.325	4.000	431.896	-2.00	4.297	431.451	-150.00
-4.136	431.815	-150.00	-4.000	432.018	-2.00	2154+0.000	432.098	431.639	0.459	4.000	432.018	-2.00	4.390	431.434	-150.00
-4.073	431.385	-150.00	-4.000	431.493	-2.00	2155+0.000	431.573	431.225	0.348	4.000	431.493	-2.00	4.291	431.057	-150.00
-4.146	430.649	-150.00	-4.000	430.868	-2.00	2156+0.000	430.948	430.505	0.443	4.000	430.868	-2.00	4.343	430.353	-150.00
-4.177	430.163	-150.00	-4.000	430.428	-2.00	2157+0.000	430.508	430.022	0.486	4.000	430.428	-2.00	4.369	429.874	-150.00
-4.153	429.787	-150.00	-4.000	430.016	-2.00	2158+0.000	430.096	429.646	0.450	4.000	430.016	-2.00	4.343	429.501	-150.00
-4.190	429.669	-150.00	-4.000	429.953	-2.00	2159+0.000	430.033	429.537	0.496	4.000	429.953	-2.00	4.369	429.400	-150.00
-4.145	429.735	-150.00	-4.000	429.952	-2.00	2160+0.000	430.032	429.578	0.454	4.000	429.952	-2.00	4.342	429.439	-150.00
-4.234	430.274	-150.00	-4.000	430.626	-2.00	2161+0.000	430.706	430.125	0.581	4.000	430.626	-2.00	4.439	429.968	-150.00
-4.286	431.121	-150.00	-4.000	431.551	-2.00	2162+0.000	431.631	430.918	0.712	4.000	431.551	-2.00	4.566	430.702	-150.00
-4.155	432.243	-150.00	-4.000	432.475	-2.00	2163+0.000	432.555	432.043	0.512	4.000	432.475	-2.00	4.432	431.827	-150.00
-4.054	433.325	-150.00	-4.000	433.406	-2.00	2164+0.000	433.486	433.011	0.475	4.000	433.406	-2.00	4.496	432.662	-150.00
-4.052	434.207	-150.00	-4.000	434.286	-2.00	2165+0.000	434.366	433.884	0.481	4.000	434.286	-2.00	4.507	433.525	-150.00
-4.006	434.956	-150.00	-4.000	434.965	-2.00	2166+0.000	435.045	434.583	0.461	4.000	434.965	-2.00	4.536	434.161	-150.00
			-4.000	435.019	-2.00	2167+0.000	435.099	434.638	0.461	4.000	435.019	-2.00	4.541	434.208	-150.00
-4.009	434.823	66.67	-4.000	434.817	-2.00	2168+0.000	434.897	434.421	0.477	4.000	434.817	-2.00	4.572	433.959	-150.00
-4.073	434.665	66.67	-4.000	434.616	-2.00	2169+0.000	434.696	434.239	0.457	4.000	434.616	-2.00	4.571	433.760	-150.00
-4.058	434.293	66.67	-4.000	434.254	-2.00	2170+0.000	434.334	433.879	0.456	4.000	434.254	-2.00	4.538	433.447	-150.00
-4.209	434.361	66.67	-4.000	434.221	-2.00	2171+0.000	434.301	433.878	0.423	4.000	434.221	-2.00	4.579	433.353	-150.00
-4.250	434.437	66.67	-4.000	434.271	-2.00	2172+0.000	434.351	433.973	0.377	4.000	434.271	-2.00	4.527	433.479	-150.00
-4.196	434.450	66.67	-4.000	434.320	-2.00	2173+0.000	434.400	434.009	0.391	4.000	434.320	-2.00	4.524	433.533	-150.00
-4.533	434.564	66.67	-4.000	434.208	-2.00	2174+0.000	434.288	434.004	0.284	4.000	434.208	-2.00	4.507	433.447	-150.00
-4.886	434.619	66.67	-4.000	434.028	-2.00	2175+0.000	434.108	434.021	0.087	4.000	434.028	-2.00	4.360	433.488	-150.00
-4.716	434.326	66.67	-4.000	433.848	-2.00	2176+0.000	433.928	433.764	0.165	4.000	433.848	-2.00	4.407	433.238	-150.00
-4.740	434.162	66.67	-4.000	433.668	-2.00	2177+0.000	433.748	433.529	0.219	4.000	433.668	-2.00	4.493	432.929	-150.00
-4.368	433.734	66.67	-4.000	433.488	-2.00	2178+0.000	433.568	433.192	0.376	4.000	433.488	-2.00	4.588	432.606	-150.00
-4.296	433.515	66.67	-4.000	433.318	-2.00	2179+0.000	433.398	432.952	0.446	4.000	433.318	-2.00	4.644	432.352	-150.00
-4.744	433.934	66.67	-4.000	433.438	-2.00	2180+0.000	433.518	433.270	0.248	4.000	433.438	-2.00	4.551	432.612	-150.00

Copia fiel a la original de Su
Director
Proyectos
Secretaria

-4.355	433.804	66.67	-4.000	433.567	-2.00	2181+0.000	433.647	433.148	0.499	4.000	433.567	-2.00	4.757	432.432	-150.00
-4.282	433.715	66.67	-4.000	433.527	-2.00	2182+0.000	433.607	433.111	0.496	4.000	433.527	-2.00	4.710	432.463	-150.00
-4.359	433.557	66.67	-4.000	433.318	-2.00	2183+0.000	433.398	432.939	0.459	4.000	433.318	-2.00	4.680	432.298	-150.00
-4.347	433.340	66.67	-4.000	433.109	-2.00	2184+0.000	433.189	432.732	0.457	4.000	433.109	-2.00	4.689	432.076	-150.00
-4.049	432.920	-150.00	-4.000	432.993	-2.00	2185+0.000	433.073	432.371	0.702	4.000	432.993	-2.00	4.819	431.765	-150.00
-4.230	432.572	-150.00	-4.000	432.917	-2.00	2186+0.000	432.997	432.040	0.957	4.000	432.917	-2.00	5.004	431.411	-150.00
-4.170	432.955	66.67	-4.000	432.841	-2.00	2187+0.000	432.921	432.427	0.494	4.000	432.841	-2.00	4.670	431.836	-150.00
-4.071	432.483	-150.00	-4.000	432.590	-2.00	2188+0.000	432.670	432.129	0.541	4.000	432.590	-2.00	4.565	431.743	-150.00
-4.197	431.955	-150.00	-4.000	432.250	-2.00	2189+0.000	432.330	431.720	0.610	4.000	432.250	-2.00	4.523	431.466	-150.00
-4.152	431.682	-150.00	-4.000	431.910	-2.00	2190+0.000	431.990	431.435	0.555	4.000	431.910	-2.00	4.495	431.167	-150.00
-4.150	431.345	-150.00	-4.000	431.571	-2.00	2191+0.000	431.651	431.144	0.506	4.000	431.571	-2.00	4.432	430.923	-150.00
-4.207	430.921	-150.00	-4.000	431.231	-2.00	2192+0.000	431.311	430.773	0.538	4.000	431.231	-2.00	4.409	430.618	-150.00
-4.144	430.707	-150.00	-4.000	430.922	-2.00	2193+0.000	431.002	430.553	0.449	4.000	430.922	-2.00	4.326	430.433	-150.00
-4.166	430.817	-150.00	-4.000	431.066	-2.00	2194+0.000	431.146	430.715	0.432	4.000	431.066	-2.00	4.309	430.603	-150.00
-4.184	431.043	-150.00	-4.000	431.318	-2.00	2195+0.000	431.398	430.952	0.447	4.000	431.318	-2.00	4.287	430.887	-150.00
-4.180	431.556	-150.00	-4.000	431.826	-2.00	2196+0.000	431.906	431.498	0.408	4.000	431.826	-2.00	4.259	431.438	-150.00
-4.192	432.230	-150.00	-4.000	432.519	-2.00	2197+0.000	432.599	432.161	0.437	4.000	432.519	-2.00	4.283	432.095	-150.00
-4.213	433.454	-150.00	-4.000	433.773	-2.00	2198+0.000	433.853	433.395	0.458	4.000	433.773	-2.00	4.292	433.336	-150.00
-4.220	434.510	-150.00	-4.000	434.839	-2.00	2199+0.000	434.919	434.480	0.439	4.000	434.839	-2.00	4.251	434.463	-150.00
-4.229	435.768	-150.00	-4.000	436.111	-2.00	2200+0.000	436.191	435.731	0.460	4.000	436.111	-2.00	4.278	435.694	-150.00
-4.196	436.991	-150.00	-4.000	437.285	-2.00	2201+0.000	437.365	436.908	0.457	4.000	437.285	-2.00	4.308	436.823	-150.00
-4.215	437.866	-150.00	-4.000	438.189	-2.00	2202+0.000	438.269	437.786	0.483	4.000	438.189	-2.00	4.323	437.705	-150.00
-4.125	438.548	-150.00	-4.000	438.736	-2.00	2203+0.000	438.816	438.351	0.465	4.000	438.736	-2.00	4.397	438.141	-150.00
-4.128	438.586	-150.00	-4.000	438.777	-2.00	2204+0.000	438.857	438.389	0.468	4.000	438.777	-2.00	4.399	438.179	-150.00
-4.099	438.393	-150.00	-4.000	438.541	-2.00	2205+0.000	438.621	438.168	0.453	4.000	438.541	-2.00	4.410	437.926	-150.00
-4.070	437.805	-150.00	-4.000	437.910	-2.00	2206+0.000	437.990	437.588	0.403	4.000	437.910	-2.00	4.371	437.354	-150.00
-4.013	437.069	-150.00	-4.000	437.088	-2.00	2207+0.000	437.168	436.851	0.317	4.000	437.088	-2.00	4.316	436.615	-150.00
-4.056	436.165	-150.00	-4.000	436.250	-2.00	2208+0.000	436.330	435.944	0.386	4.000	436.250	-2.00	4.363	435.705	-150.00
-4.131	435.442	-150.00	-4.000	435.639	-2.00	2209+0.000	435.719	435.276	0.444	4.000	435.639	-2.00	4.353	435.110	-150.00
-4.184	435.377	-150.00	-4.000	435.652	-2.00	2210+0.000	435.732	435.207	0.525	4.000	435.652	-2.00	4.417	435.027	-150.00
-4.145	435.455	-150.00	-4.000	435.672	-2.00	2211+0.000	435.752	435.278	0.474	4.000	435.672	-2.00	4.367	435.120	-150.00
-4.059	435.745	-150.00	-4.000	435.833	-2.00	2212+0.000	435.913	435.529	0.384	4.000	435.833	-2.00	4.357	435.298	-150.00
-4.017	435.982	-150.00	-4.000	436.007	-2.00	2213+0.000	436.087	435.787	0.300	4.000	436.007	-2.00	4.285	435.579	-150.00
-4.103	436.026	-150.00	-4.000	436.181	-2.00	2214+0.000	436.261	435.861	0.400	4.000	436.181	-2.00	4.330	435.686	-150.00
-4.095	436.330	-150.00	-4.000	436.472	-2.00	2215+0.000	436.552	436.104	0.448	4.000	436.472	-2.00	4.384	435.896	-150.00
-4.038	436.838	-150.00	-4.000	436.895	-2.00	2216+0.000	436.975	436.575	0.400	4.000	436.895	-2.00	4.410	436.279	-150.00
-4.091	437.384	66.67	-4.000	437.323	-2.00	2217+0.000	437.403	437.110	0.294	4.000	437.323	-2.00	4.336	436.819	-150.00
-4.133	437.865	-150.00	-4.000	438.064	-2.00	2218+0.000	438.144	437.660	0.484	4.000	438.064	-2.00	4.415	437.441	-150.00
-4.215	438.988	-150.00	-4.000	439.310	-2.00	2219+0.000	439.390	438.963	0.427	4.000	439.310	-2.00	4.248	438.939	-150.00
-4.250	440.507	-150.00	-4.000	440.883	-2.00	2220+0.000	440.963	440.526	0.436	4.000	440.883	-2.00	4.225	440.546	-150.00
-4.269	442.057	-150.00	-4.000	442.461	-2.00	2221+0.000	442.541	442.100	0.442	4.000	442.461	-2.00	4.214	442.140	-150.00
-4.432	443.122	-150.00	-4.000	443.771	-2.00	2222+0.000	443.851	443.383	0.468	4.000	443.771	-2.00	4.107	443.610	-150.00
-4.429	443.612	-150.00	-4.000	444.256	-2.00	2223+0.000	444.336	443.897	0.439	4.000	444.256	-2.00	4.058	444.169	-150.00
-4.339	444.855	-150.00	-4.000	445.364	-2.00	2224+0.000	445.444	444.993	0.451	4.000	445.364	-2.00	4.159	445.125	-150.00
-4.325	446.354	-150.00	-4.000	446.842	-2.00	2225+0.000	446.922	446.446	0.476	4.000	446.842	-2.00	4.204	446.536	-150.00
-4.335	448.091	-150.00	-4.000	448.593	-2.00	2226+0.000	448.673	448.183	0.490	4.000	448.593	-2.00	4.263	448.199	-150.00
-4.268	449.735	-150.00	-4.000	450.138	-2.00	2227+0.000	450.218	449.782	0.435	4.000	450.138	-2.00	4.206	449.829	-150.00
-4.377	451.049	-150.00	-4.000	451.615	-2.00	2228+0.000	451.695	451.183	0.512	4.000	451.615	-2.00	4.202	451.311	-150.00
-4.465	452.604	-150.00	-4.000	453.303	-2.00	2229+0.000	453.383	453.008	0.374	4.000	453.303	-2.00	4.063	453.208	-150.00
-4.431	453.681	-150.00	-4.000	454.328	-2.00	2230+0.000	454.408	454.049	0.359	4.000	454.328	-2.00	4.091	454.389	66.67
-4.287	454.845	-150.00	-4.000	455.275	-2.00	2231+0.000	455.355	455.191	0.163	4.000	455.275	-2.00	4.410	455.548	66.67
-4.446	455.553	-150.00	-4.000	456.222	-2.00	2232+0.000	456.302	455.993	0.308	4.000	456.222	-2.00	4.228	456.374	66.67
-4.479	456.435	-150.00	-4.000	457.154	-2.00	2233+0.000	457.234	456.827	0.407	4.000	457.154	-2.00	4.045	457.086	-150.00
-4.445	456.997	-150.00	-4.000	457.665	-2.00	2234+0.000	457.745	457.282	0.463	4.000	457.665	-2.00	4.081	457.543	-150.00
-4.508	457.227	-150.00	-4.000	457.990	-2.00	2235+0.000	458.070	457.620	0.449	4.000	457.990	-2.00	4.013	457.969	-150.00
-4.410	457.325	-150.00	-4.000	457.940	-2.00	2236+0.000	458.020	457.709	0.311	4.000	457.940	-2.00	4.201	458.074	66.67
-4.387	457.204	-150.00	-4.000	457.785	-2.00	2237+0.000	457.865	457.478	0.387	4.000	457.785	-2.00	4.037	457.730	-150.00
-4.545	456.330	-150.00	-4.000	457.149	-2.00	2238+0.000	457.229	456.692	0.536	4.000	457.149	-2.00	4.087	457.017	-150.00
-4.510	455.449	-150.00	-4.000	456.214	-2.00	2239+0.000	456.294	455.654	0.641	4.000	456.214	-2.00	4.236	455.860	-150.00
-4.728	454.058	-150.00	-4.000	455.151	-2.00	2240+0.000	455.231	454.300	0.931	4.000	455.151	-2.00	4.393	454.561	-150.00
-4.882	452.765	-150.00	-4.000	454.088	-2.00	2241+0.000	454.168	453.038	1.130	4.000	454.088	-2.00	4.531	453.291	-150.00
-5.036	451.528	-150.00	-4.000	453.082	-2.00	2242+0.000	453.162	451.842	1.320	4.000	453.082	-2.00	4.591	452.195	-150.00
-4.985	450.933	-150.00	-4.000	452.410	-2.00	2243+0.000	452.490	451.316	1.175	4.000	452.410	-2.00	4.499	451.662	-150.00
-4.805	450.901	-150.00	-4.000	452.108	-2.00	2244+0.000	452.188	451.194	0.994	4.000	452.108	-2.00	4.379	451.540	-150.00
-4.378	451.609	-150.00	-4.000	452.175	-2.00	2245+0.000	452.255	451.956	0.300	4.000	452.175	-2.00	4.166	452.286	66.67
-4.095	452.469	-150.00	-4.000	452.612	-2.00	2246+0.000	452.692	452.819	-0.127	4.000	452.612	-2.00	4.945	453.242	66.67
-4.106	453.470	66.67	-4.000	453.399	-2.00	2247+0.000	453.479	453.815	-0.336	4.000	453.399	-2.00	5.258	454.238	66.67
-4.043	454.058	-150.00	-4.000	454.122	-2.00	2248+0.000	454.202	454.391	-0.189	4.000	454.122	-2.00	4.903	454.724	66.67
-4.159	454.601	-150.00	-4.000	454.840	-2.00	2249+0.000	454.920	454.860	0.060	4.000	454.840	-2.00	4.453	455.142	66.67
-4.221	455.227	-150.00	-4.000	455.558	-2.00	2250+0.000	455.638	455.491	0.147	4.000	455.558	-2.00	4.303	455.760	66.67
-4.263	455.882	-150.00	-4.000	456.276	-2.00	2251+0.000	456.356	456.135	0.221	4.000	456.276	-2.00	4.160	456.382	66.67
-4.375	456.432	-150.00	-4.000	456.993	-2.00	2252+0.000	457.073	456.692	0.382	4.000	456.993	-2.00	4.030	456.948	-150.00
-4.511	456.849	-150.00	-4.000	457.615	-2.00	2253+0.000	457.695	457.220	0.475	4.000	457.615	-2.00	4.031	457.569	-150.00
-4.570	457.264	-150.00	-4.000	458.120	-2.00	2254+0.000	458.200	457.666	0.534	4.000	458.120	-2.00	4.064	458.023	-150.00
-4.538	457.818	-150.00	-4.000	458.624	-2.00	2255+0.000	458.704	458.216	0.488	4.000	458.624	-2.00	4.036	458.570	-150.00
-4.505	458.371	-150.00	-4.000	459.129	-2.00	2256+0.000	459.209	458.769	0.440	4.000	459.129	-2.00			
-4.561	459.026	-150.00	-4.000	459.867	-2.00	2257+0.000	459.947	459.438	0.509	4.000	459.867	-2.00	4.042	459.803	-150.00
-4.765	459.662	-150.00	-4.000	460.810	-2.00	2258+0.000	460.890	460.075	0.815	4.000	460.810	-2.00	4.255	460.427	-150.00
-4.985	460.277	-150.00	-4.000	461.754	-2.00	2259+0.000	461.834	460.609	1.225	4.000	461.754	-2.00	4.560	460.914	-150.00
-5.046	461.128	-150.00	-4.000	462.697	-2.00	2260+0.000	462.777	461.423	1.354	4.000	462.697	-2.00	4.674	461.687	-150.00
-4.965	462.194	-150.00	-4.000	463.641	-2.00	2261+0.000	463.721	462.462	1.259	4.000	463.641	-2.00	4.620	462.711	-150.00



-4.856	463.300	-150.00	-4.000	464.585	-2.00	2262+0.000	464.665	463.493	1.172	4.000	464.585	-2.00	4.606	463.675	-150.00
-4.532	464.730	-150.00	-4.000	465.528	-2.00	2263+0.000	465.608	464.913	0.695	4.000	465.528	-2.00	4.310	465.064	-150.00
-4.412	466.064	-150.00	-4.000	466.683	-2.00	2264+0.000	466.763	466.298	0.465	4.000	466.683	-2.00	4.112	466.516	-150.00
-4.390	467.127	-150.00	-4.000	467.712	-2.00	2265+0.000	467.792	467.327	0.465	4.000	467.712	-2.00	4.137	467.507	-150.00
-4.339	467.936	-150.00	-4.000	468.446	-2.00	2266+0.000	468.526	468.066	0.460	4.000	468.446	-2.00	4.229	468.102	-150.00
-4.267	468.369	-150.00	-4.000	468.771	-2.00	2267+0.000	468.851	468.408	0.443	4.000	468.771	-2.00	4.236	468.417	-150.00
-4.216	468.075	-150.00	-4.000	468.398	-2.00	2268+0.000	468.478	468.128	0.350	4.000	468.398	-2.00	4.142	468.186	-150.00
-4.186	467.715	-150.00	-4.000	467.994	-2.00	2269+0.000	468.074	467.802	0.272	4.000	467.994	-2.00	4.072	467.886	-150.00
-4.188	467.347	-150.00	-4.000	467.628	-2.00	2270+0.000	467.708	467.264	0.444	4.000	467.628	-2.00	4.282	467.205	-150.00
-4.115	467.090	-150.00	-4.000	467.263	-2.00	2271+0.000	467.343	466.893	0.450	4.000	467.263	-2.00	4.387	466.682	-150.00
-4.103	466.609	-150.00	-4.000	466.763	-2.00	2272+0.000	466.843	466.412	0.431	4.000	466.763	-2.00	4.381	466.191	-150.00
-4.092	466.449	-150.00	-4.000	466.587	-2.00	2273+0.000	466.667	466.219	0.448	4.000	466.587	-2.00	4.410	465.972	-150.00
-4.102	466.416	-150.00	-4.000	466.569	-2.00	2274+0.000	466.649	466.195	0.454	4.000	466.569	-2.00	4.339	466.060	-150.00
-4.076	466.702	-150.00	-4.000	466.816	-2.00	2275+0.000	466.896	466.599	0.296	4.000	466.816	-2.00	4.215	466.493	-150.00
-4.028	466.963	-150.00	-4.000	467.005	-2.00	2276+0.000	467.085	466.882	0.203	4.000	467.005	-2.00	4.111	466.838	-150.00
-4.427	467.478	66.67	-4.000	467.194	-2.00	2277+0.000	467.274	467.400	-0.127	4.000	467.194	-2.00	4.199	467.326	66.67
-4.891	467.977	66.67	-4.000	467.383	-2.00	2278+0.000	467.463	467.886	-0.423	4.000	467.383	-2.00	4.626	467.800	66.67
-4.122	467.653	66.67	-4.000	467.572	-2.00	2279+0.000	467.652	467.576	0.075	4.000	467.572	-2.00			
-4.197	467.465	-150.00	-4.000	467.761	-2.00	2280+0.000	467.841	467.536	0.305	4.000	467.761	-2.00	4.103	467.606	-150.00
-4.285	467.156	-150.00	-4.000	467.584	-2.00	2281+0.000	467.664	467.217	0.447	4.000	467.584	-2.00	4.214	467.263	-150.00
-4.342	466.173	-150.00	-4.000	466.687	-2.00	2282+0.000	466.767	466.265	0.501	4.000	466.687	-2.00	4.221	466.355	-150.00
-4.433	464.990	-150.00	-4.000	465.639	-2.00	2283+0.000	465.719	465.129	0.590	4.000	465.639	-2.00	4.251	465.263	-150.00
-4.370	464.036	-150.00	-4.000	464.591	-2.00	2284+0.000	464.671	464.192	0.479	4.000	464.591	-2.00	4.178	464.323	-150.00
-4.354	463.009	-150.00	-4.000	463.541	-2.00	2285+0.000	463.621	463.169	0.452	4.000	463.541	-2.00	4.147	463.321	-150.00
-4.283	461.956	-150.00	-4.000	462.382	-2.00	2286+0.000	462.462	462.030	0.431	4.000	462.382	-2.00	4.186	462.102	-150.00
-4.319	460.964	-150.00	-4.000	461.442	-2.00	2287+0.000	461.522	461.079	0.443	4.000	461.442	-2.00	4.160	461.202	-150.00
-4.254	460.229	-150.00	-4.000	460.611	-2.00	2288+0.000	460.691	460.326	0.364	4.000	460.611	-2.00	4.127	460.421	-150.00
-4.317	459.268	-150.00	-4.000	459.744	-2.00	2289+0.000	459.824	459.428	0.396	4.000	459.744	-2.00	4.125	459.556	-150.00
-4.255	458.340	-150.00	-4.000	458.722	-2.00	2290+0.000	458.802	458.407	0.395	4.000	458.722	-2.00	4.166	458.473	-150.00
-4.279	457.281	-150.00	-4.000	457.700	-2.00	2291+0.000	457.780	457.341	0.439	4.000	457.700	-2.00	4.200	457.400	-150.00
-4.314	456.270	-150.00	-4.000	456.740	-2.00	2292+0.000	456.820	456.345	0.475	4.000	456.740	-2.00	4.215	456.418	-150.00
-4.344	455.393	-150.00	-4.000	455.909	-2.00	2293+0.000	455.989	455.453	0.536	4.000	455.909	-2.00	4.260	455.519	-150.00
-4.357	454.542	-150.00	-4.000	455.078	-2.00	2294+0.000	455.158	454.605	0.553	4.000	455.078	-2.00	4.272	454.671	-150.00
-4.414	453.626	-150.00	-4.000	454.247	-2.00	2295+0.000	454.327	453.814	0.513	4.000	454.247	-2.00	4.170	453.992	-150.00
-4.378	453.077	-150.00	-4.000	453.643	-2.00	2296+0.000	453.723	453.273	0.450	4.000	453.643	-2.00	4.113	453.475	-150.00
-4.413	452.748	-150.00	-4.000	453.368	-2.00	2297+0.000	453.448	452.957	0.491	4.000	453.368	-2.00	4.128	453.175	-150.00
-4.381	452.590	-150.00	-4.000	453.162	-2.00	2298+0.000	453.242	452.817	0.425	4.000	453.162	-2.00	4.089	453.028	-150.00
-4.381	452.511	-150.00	-4.000	453.082	-2.00	2299+0.000	453.162	452.732	0.430	4.000	453.082	-2.00	4.083	452.958	-150.00
-4.660	452.861	-150.00	-4.000	453.851	-2.00	2300+0.000	453.931	453.142	0.789	4.000	453.851	-2.00	4.300	453.402	-150.00
-4.768	453.883	-150.00	-4.000	455.035	-2.00	2301+0.000	455.115	454.009	1.106	4.000	455.035	-2.00	4.603	454.130	-150.00
-4.740	455.109	-150.00	-4.000	456.219	-2.00	2302+0.000	456.299	455.275	1.025	4.000	456.219	-2.00	4.524	455.433	-150.00
-4.622	456.470	-150.00	-4.000	457.403	-2.00	2303+0.000	457.483	456.621	0.863	4.000	457.403	-2.00	4.426	456.764	-150.00
-4.418	457.961	-150.00	-4.000	458.587	-2.00	2304+0.000	458.667	458.075	0.592	4.000	458.587	-2.00	4.268	458.186	-150.00
-4.331	459.274	-150.00	-4.000	459.771	-2.00	2305+0.000	459.851	459.417	0.433	4.000	459.771	-2.00	4.144	459.555	-150.00
-4.142	460.505	-150.00	-4.000	460.717	-2.00	2306+0.000	460.797	460.615	0.182	4.000	460.717	-2.00	4.010	460.702	-150.00
-4.144	461.288	-150.00	-4.000	461.503	-2.00	2307+0.000	461.583	461.466	0.117	4.000	461.503	-2.00	4.217	461.648	66.67
-4.364	461.689	-150.00	-4.000	462.235	-2.00	2308+0.000	462.315	461.874	0.441	4.000	462.235	-2.00	4.127	462.044	-150.00
-4.380	461.737	-150.00	-4.000	462.307	-2.00	2309+0.000	462.387	461.930	0.458	4.000	462.307	-2.00	4.130	462.113	-150.00
-4.373	461.380	-150.00	-4.000	461.940	-2.00	2310+0.000	462.020	461.558	0.461	4.000	461.940	-2.00	4.132	461.741	-150.00
-4.415	460.825	-150.00	-4.000	461.448	-2.00	2311+0.000	461.528	461.046	0.483	4.000	461.448	-2.00	4.138	461.242	-150.00
-4.479	460.085	-150.00	-4.000	460.803	-2.00	2312+0.000	460.883	460.297	0.586	4.000	460.803	-2.00	4.204	460.496	-150.00
-4.535	459.355	-150.00	-4.000	460.157	-2.00	2313+0.000	460.237	459.565	0.672	4.000	460.157	-2.00	4.263	459.763	-150.00
-4.586	458.632	-150.00	-4.000	459.511	-2.00	2314+0.000	459.591	458.868	0.724	4.000	459.511	-2.00	4.283	459.087	-150.00
-4.507	458.105	-150.00	-4.000	458.866	-2.00	2315+0.000	458.946	458.355	0.590	4.000	458.866	-2.00	4.214	458.545	-150.00
-4.426	457.622	-150.00	-4.000	458.261	-2.00	2316+0.000	458.341	457.890	0.451	4.000	458.261	-2.00	4.101	458.109	-150.00
-4.477	457.288	-150.00	-4.000	458.004	-2.00	2317+0.000	458.084	457.546	0.538	4.000	458.004	-2.00	4.146	457.784	-150.00
-4.473	457.280	-150.00	-4.000	457.990	-2.00	2318+0.000	458.070	457.577	0.493	4.000	457.990	-2.00	4.107	457.830	-150.00
-4.377	457.423	-150.00	-4.000	457.989	-2.00	2319+0.000	458.069	457.704	0.365	4.000	457.989	-2.00	4.023	457.955	-150.00
-4.338	457.491	-150.00	-4.000	457.998	-2.00	2320+0.000	458.078	457.775	0.303	4.000	457.998	-2.00	4.044	458.027	66.67
-4.353	457.477	-150.00	-4.000	458.007	-2.00	2321+0.000	458.087	457.764	0.323	4.000	458.007	-2.00	4.034	458.030	66.67
-4.384	457.440	-150.00	-4.000	458.016	-2.00	2322+0.000	458.096	457.720	0.376	4.000	458.016	-2.00	4.027	457.976	-150.00
-4.434	457.375	-150.00	-4.000	458.026	-2.00	2323+0.000	458.106	457.659	0.447	4.000	458.026	-2.00	4.071	457.919	-150.00
-4.499	457.325	-150.00	-4.000	458.073	-2.00	2324+0.000	458.153	457.591	0.562	4.000	458.073	-2.00	4.160	457.833	-150.00
-4.641	457.159	-150.00	-4.000	458.121	-2.00	2325+0.000	458.201	457.432	0.769	4.000	458.121	-2.00	4.289	457.688	-150.00
-4.542	457.357	-150.00	-4.000	458.169	-2.00	2326+0.000	458.249	457.600	0.650	4.000	458.169	-2.00	4.229	457.826	-150.00
-4.444	457.551	-150.00	-4.000	458.218	-2.00	2327+0.000	458.298	457.767	0.531	4.000	458.218	-2.00	4.157	457.983	-150.00
-4.387	457.694	-150.00	-4.000	458.275	-2.00	2328+0.000	458.355	457.905	0.450	4.000	458.275	-2.00	4.115	458.103	-150.00
-4.402	457.688	-150.00	-4.000	458.290	-2.00	2329+0.000	458.370	457.895	0.475	4.000	458.290	-2.00	4.132	458.092	-150.00
-4.371	457.523	-150.00	-4.000	458.080	-2.00	2330+0.000	458.160	457.720	0.440	4.000	458.080	-2.00	4.113	457.910	-150.00
-4.352	457.338	-150.00	-4.000	457.866	-2.00	2331+0.000	457.946	457.534	0.412	4.000	457.866	-2.00	4.098	457.719	-150.00
-4.374	457.188	-150.00	-4.000	457.749	-2.00	2332+0.000	457.829	457.374	0.455	4.000	457.749	-2.00	4.139	457.540	-150.00
-4.403	457.524	-150.00	-4.000	458.128	-2.00	2333+0.000	458.208	457.738	0.469	4.000	458.128	-2.00	4.127	457.937	-150.00
-4.393	457.963	-150.00	-4.000	458.553	-2.00	2334+0.000	458.633	458.154	0.479	4.000	458.553	-2.00	4.145	458.335	-150.00
-4.380	458.504	-150.00	-4.000	459.074	-2.00	2335+0.000	459.154	458.708	0.445	4.000	459.074	-2.00	4.104	458.918	-150.00
-4.385	459.106	-150.00	-4.000	459.684	-2.00	2336+0.000	459.764	459.375	0.389	4.000	459.684	-2.00	4.070	459.579	-150.00
-4.339	459.786	-150.00	-4.000	460.295	-2.00	2337+0.000	460.375	460.067	0.308	4.000	460.295	-2.00	4.029	460.314	66.67
-4.409	460.293	-150.00	-4.000	460.906	-2.00	2338+0.000	460.986	460.589	0.398	4.000	460.906	-2.00	4.032	460.858	-150.00
-4.451	460.840	-150.00	-4.000	461.517	-2.00	2339+0.000	461.597	461.116	0.482	4.000	461.517	-2.00	4.089	461.383	-150.00
-4.400	461.556	-150.00	-4.000	462.156	-2.00	2340+0.000	462.236	461.801	0.435	4.000	462.156	-2.00	4.085	462.028	-150.00
-4.414	462.510	-150.00	-4.000	463.130	-2.00	2341+0.000	463.210	462.934	0.276	4.000	463.130	-2.00	4.148	463.229	66.67
-4.596	463.239	-150.00	-4.000	464.133	-2.00	2342+0.000	464.213	463.704	0.510	4.000	464.133	-2.00	4.016	464.110	-150.00

Osvaldo Lebacio da Silva Filho
Diretor da Divisão de Projetos
Projetos e Obras - DUR
Secretaria de Planejamento

-4.662	464.094	-150.00	-4.000	465.087	-2.00	2343+0.000	465.167	464.728	0.439	4.000	465.087	-2.00	4.226	465.237	66.67
-4.592	464.335	-150.00	-4.000	465.223	-2.00	2344+0.000	465.303	464.909	0.394	4.000	465.223	-2.00	4.429	465.509	66.67
-4.590	464.453	-150.00	-4.000	465.338	-2.00	2345+0.000	465.418	465.074	0.344	4.000	465.338	-2.00	4.522	465.685	66.67
-4.630	464.466	-150.00	-4.000	465.410	-2.00	2346+0.000	465.490	465.067	0.423	4.000	465.410	-2.00	4.329	465.630	66.67
-4.810	464.211	-150.00	-4.000	465.426	-2.00	2347+0.000	465.506	464.952	0.554	4.000	465.426	-2.00	4.279	465.612	66.67
-4.656	464.761	-150.00	-4.000	465.745	-2.00	2348+0.000	465.825	465.456	0.369	4.000	465.745	-2.00	4.595	466.142	66.67
-4.528	466.145	-150.00	-4.000	466.938	-2.00	2349+0.000	467.018	466.891	0.127	4.000	466.938	-2.00	5.028	467.623	66.67
-4.414	467.080	-150.00	-4.000	467.701	-2.00	2350+0.000	467.781	467.723	0.058	4.000	467.701	-2.00	5.213	468.510	66.67
-4.412	467.404	-150.00	-4.000	468.023	-2.00	2351+0.000	468.103	468.076	0.027	4.000	468.023	-2.00	5.353	468.925	66.67
-4.414	467.723	-150.00	-4.000	468.345	-2.00	2352+0.000	468.425	468.391	0.034	4.000	468.345	-2.00	5.296	469.208	66.67
-4.517	467.890	-150.00	-4.000	468.666	-2.00	2353+0.000	468.746	468.613	0.134	4.000	468.666	-2.00	5.156	469.437	66.67
-4.599	468.089	-150.00	-4.000	468.988	-2.00	2354+0.000	469.068	468.827	0.242	4.000	468.988	-2.00	4.948	469.620	66.67
-4.690	468.275	-150.00	-4.000	469.310	-2.00	2355+0.000	469.390	469.014	0.376	4.000	469.310	-2.00	4.658	469.749	66.67
-4.712	468.564	-150.00	-4.000	469.632	-2.00	2356+0.000	469.712	469.223	0.489	4.000	469.632	-2.00	4.291	469.826	66.67
-4.729	468.675	-150.00	-4.000	469.768	-2.00	2357+0.000	469.848	469.336	0.512	4.000	469.768	-2.00	4.241	469.929	66.67
-4.679	468.732	-150.00	-4.000	469.751	-2.00	2358+0.000	469.831	469.372	0.459	4.000	469.751	-2.00	4.359	469.990	66.67
-4.748	468.760	-150.00	-4.000	469.882	-2.00	2359+0.000	469.962	469.505	0.457	4.000	469.882	-2.00	4.401	470.149	66.67
-4.752	469.228	-150.00	-4.000	470.356	-2.00	2360+0.000	470.436	469.979	0.456	4.000	470.356	-2.00	4.505	470.692	66.67
-4.766	469.692	-150.00	-4.000	470.842	-2.00	2361+0.000	470.922	470.510	0.412	4.000	470.842	-2.00	4.717	471.320	66.67
-4.734	470.227	-150.00	-4.000	471.328	-2.00	2362+0.000	471.408	471.034	0.374	4.000	471.328	-2.00	4.767	471.839	66.67
-4.772	470.632	-150.00	-4.000	471.790	-2.00	2363+0.000	471.870	471.402	0.468	4.000	471.790	-2.00	4.511	472.130	66.67
-4.605	470.506	-150.00	-4.000	471.413	-2.00	2364+0.000	471.493	471.223	0.270	4.000	471.413	-2.00	4.849	471.978	66.67
-4.287	470.441	-150.00	-4.000	470.872	-2.00	2365+0.000	470.952	470.978	-0.027	4.000	470.872	-2.00	5.140	471.632	66.67
-4.582	469.457	-150.00	-4.000	470.330	-2.00	2366+0.000	470.410	469.952	0.459	4.000	470.330	-2.00	4.169	470.443	66.67
-4.555	468.940	-150.00	-4.000	469.772	-2.00	2367+0.000	469.852	469.424	0.428	4.000	469.772	-2.00	4.134	469.861	66.67
-4.553	468.567	-150.00	-4.000	469.396	-2.00	2368+0.000	469.476	469.031	0.445	4.000	469.396	-2.00	4.165	469.506	66.67
-4.604	468.879	-150.00	-4.000	469.785	-2.00	2369+0.000	469.865	469.384	0.481	4.000	469.785	-2.00	4.068	469.831	66.67
-4.343	470.052	-150.00	-4.000	470.566	-2.00	2370+0.000	470.646	470.450	0.196	4.000	470.566	-2.00	4.436	470.857	66.67
-4.457	470.716	-150.00	-4.000	471.402	-2.00	2371+0.000	471.482	471.284	0.197	4.000	471.402	-2.00	4.798	471.934	66.67
-4.559	471.398	-150.00	-4.000	472.237	-2.00	2372+0.000	472.317	472.000	0.318	4.000	472.237	-2.00	4.543	472.599	66.67
-4.728	471.980	-150.00	-4.000	473.073	-2.00	2373+0.000	473.153	472.626	0.527	4.000	473.073	-2.00	4.188	473.198	66.67
-4.831	472.662	-150.00	-4.000	473.908	-2.00	2374+0.000	473.988	473.244	0.744	4.000	473.908	-2.00	4.109	473.744	-150.00
-4.831	473.497	-150.00	-4.000	474.744	-2.00	2375+0.000	474.824	474.041	0.783	4.000	474.744	-2.00	4.157	474.508	-150.00
-4.575	474.717	-150.00	-4.000	475.579	-2.00	2376+0.000	475.659	475.150	0.510	4.000	475.579	-2.00	4.032	475.532	-150.00
-4.418	475.789	-150.00	-4.000	476.415	-2.00	2377+0.000	476.495	476.236	0.259	4.000	476.415	-2.00	4.398	476.680	66.67
-4.346	476.732	-150.00	-4.000	477.251	-2.00	2378+0.000	477.331	477.140	0.191	4.000	477.251	-2.00	4.469	477.564	66.67
-4.322	477.603	-150.00	-4.000	478.086	-2.00	2379+0.000	478.166	477.994	0.172	4.000	478.086	-2.00	4.470	478.400	66.67
-4.449	478.249	-150.00	-4.000	478.922	-2.00	2380+0.000	479.002	478.596	0.406	4.000	478.922	-2.00	4.043	478.951	66.67
-4.426	479.119	-150.00	-4.000	479.757	-2.00	2381+0.000	479.837	479.439	0.399	4.000	479.757	-2.00	4.019	479.729	-150.00
-4.453	479.913	-150.00	-4.000	480.593	-2.00	2382+0.000	480.673	480.243	0.430	4.000	480.593	-2.00	4.035	480.540	-150.00
-4.442	480.765	-150.00	-4.000	481.428	-2.00	2383+0.000	481.508	481.071	0.437	4.000	481.428	-2.00	4.066	481.329	-150.00
-4.417	481.468	-150.00	-4.000	482.093	-2.00	2384+0.000	482.173	481.713	0.460	4.000	482.093	-2.00	4.140	481.883	-150.00
-4.332	481.986	-150.00	-4.000	482.485	-2.00	2385+0.000	482.565	482.222	0.343	4.000	482.485	-2.00	4.045	482.418	-150.00
-4.375	482.271	-150.00	-4.000	482.834	-2.00	2386+0.000	482.914	482.471	0.442	4.000	482.834	-2.00	4.119	482.656	-150.00
-4.386	482.505	-150.00	-4.000	483.084	-2.00	2387+0.000	483.164	482.715	0.449	4.000	483.084	-2.00	4.140	482.874	-150.00
-4.392	482.460	-150.00	-4.000	483.048	-2.00	2388+0.000	483.128	482.682	0.446	4.000	483.048	-2.00	4.104	482.892	-150.00
-4.161	482.515	-150.00	-4.000	482.756	-2.00	2389+0.000	482.836	482.711	0.125	4.000	482.756	-2.00	4.231	482.911	66.67
-4.071	482.323	-150.00	-4.000	482.430	-2.00	2390+0.000	482.510	482.554	-0.045	4.000	482.430	-2.00	4.561	482.804	66.67
-4.189	481.820	-150.00	-4.000	482.103	-2.00	2391+0.000	482.183	481.978	0.206	4.000	482.103	-2.00	4.040	482.130	66.67
-4.362	481.234	-150.00	-4.000	481.777	-2.00	2392+0.000	481.857	481.518	0.338	4.000	481.777	-2.00			
-4.460	480.759	-150.00	-4.000	481.450	-2.00	2393+0.000	481.530	481.065	0.465	4.000	481.450	-2.00	4.094	481.310	-150.00
-4.413	480.186	-150.00	-4.000	480.806	-2.00	2394+0.000	480.886	480.412	0.473	4.000	480.806	-2.00	4.168	480.553	-150.00
-4.409	479.288	-150.00	-4.000	479.902	-2.00	2395+0.000	479.982	479.565	0.417	4.000	479.902	-2.00	4.054	479.820	-150.00
-4.254	478.069	-150.00	-4.000	478.451	-2.00	2396+0.000	478.531	478.368	0.163	4.000	478.451	-2.00	4.331	478.672	66.67
-4.152	476.740	-150.00	-4.000	476.969	-2.00	2397+0.000	477.049	476.908	0.141	4.000	476.969	-2.00	4.127	477.053	66.67
-4.231	475.139	-150.00	-4.000	475.487	-2.00	2398+0.000	475.567	475.349	0.217	4.000	475.487	-2.00	4.099	475.553	66.67
-4.320	473.524	-150.00	-4.000	474.004	-2.00	2399+0.000	474.084	473.731	0.354	4.000	474.004	-2.00	4.053	473.925	-150.00
-4.376	471.958	-150.00	-4.000	472.522	-2.00	2400+0.000	472.602	472.178	0.424	4.000	472.522	-2.00	4.099	472.374	-150.00
-4.439	470.587	-150.00	-4.000	471.246	-2.00	2401+0.000	471.326	470.785	0.541	4.000	471.246	-2.00	4.184	470.970	-150.00
-4.579	469.268	-150.00	-4.000	470.136	-2.00	2402+0.000	470.216	469.472	0.744	4.000	470.136	-2.00	4.314	469.665	-150.00
-4.604	468.121	-150.00	-4.000	469.027	-2.00	2403+0.000	469.107	468.318	0.789	4.000	469.027	-2.00	4.348	468.504	-150.00
-4.582	467.044	-150.00	-4.000	467.917	-2.00	2404+0.000	467.997	467.181	0.817	4.000	467.917	-2.00	4.410	467.302	-150.00
-4.578	465.941	-150.00	-4.000	466.808	-2.00	2405+0.000	466.888	466.097	0.791	4.000	466.808	-2.00	4.375	466.245	-150.00
-4.370	465.143	-150.00	-4.000	465.698	-2.00	2406+0.000	465.778	465.295	0.483	4.000	465.698	-2.00	4.172	465.440	-150.00
-4.282	464.136	-150.00	-4.000	464.559	-2.00	2407+0.000	464.639	464.158	0.481	4.000	464.559	-2.00	4.339	464.051	-150.00
-4.280	462.975	-150.00	-4.000	463.395	-2.00	2408+0.000	463.475	462.994	0.481	4.000	463.395	-2.00	4.318	462.917	-150.00
-4.261	461.860	-150.00	-4.000	462.252	-2.00	2409+0.000	462.332	461.883	0.449	4.000	462.252	-2.00	4.299	461.804	-150.00
-4.254	461.080	-150.00	-4.000	461.461	-2.00	2410+0.000	461.541	461.105	0.436	4.000	461.461	-2.00	4.240	461.100	-150.00
-4.231	460.605	-150.00	-4.000	460.952	-2.00	2411+0.000	461.032	460.609	0.423	4.000	460.952	-2.00	4.233	460.602	-150.00
-4.236	460.425	-150.00	-4.000	460.779	-2.00	2412+0.000	460.859	460.434	0.424	4.000	460.779	-2.00	4.234	460.428	-150.00
-4.265	460.440	-150.00	-4.000	460.837	-2.00	2413+0.000	460.917	460.441	0.477	4.000	460.837	-2.00	4.272	460.429	-150.00
-4.365	460.660	-150.00	-4.000	461.208	-2.00	2414+0.000	461.288	460.660	0.628	4.000	461.208	-2.00	4.365	460.661	-150.00
-4.399	460.980	-150.00	-4.000	461.579	-2.00	2415+0.000	461.659	460.959	0.700	4.000	461.579	-2.00	4.410	460.964	-150.00
-4.309	461.486	-150.00	-4.000	461.950	-2.00	2416+0.000	462.030	461.558	0.471	4.000	461.950	-2.00	4.214	461.629	-150.00
-4.311	461.853	-150.00	-4.000	462.321	-2.00	2417+0.000	462.401	461.982	0.419	4.000	462.321	-2.00	4.143	462.105	-150.00
-4.348	462.170	-150.00	-4.000	462.691	-2.00	2418+0.000	462.771	462.317	0.454	4.000	462.691	-2.00	4.152	462.463	-150.00
-4.397	462.439	-150.00	-4.000	463.034	-2.00	2419+0.000	463.114	462.625	0.489	4.000	463.034	-2.00	4.165	462.787	-150.00
-4.447	462.703	-150.00	-4.000	463.374	-2.00	2420+0.000	463.454	462.901	0.553	4.000	463.374	-2.00	4.199	463.076	-150.00
-4.539	462.906	-150.00	-4.000	463.714	-2.00	2421+0.000	463.794	463.139	0.655	4.000	463.714	-2.00	4.238	463.356	-150.00
-4.551	463.227	-150.00	-4.000	464.053	-2.00	2422+0.000	464.133	463.422	0.711	4.000	464.053	-2.00	4.284	463.627	-150.00
-4.434	463.742	-150.00	-4.000	464.393	-2.00	2423+0.000	464.473	463.933	0.540	4.000	464.393	-2.00	4.184	464.118	-150.00

-4.388	464.057	-150.00	-4.000	464.640	-2.00	2424+0.000	464.720	464.259	0.461	4.000	464.640	-2.00	4.127	464.450	-150.00
-4.346	464.145	-150.00	-4.000	464.664	-2.00	2425+0.000	464.744	464.261	0.483	4.000	464.664	-2.00	4.141	464.452	-150.00
-4.305	464.196	-150.00	-4.000	464.654	-2.00	2426+0.000	464.734	464.271	0.463	4.000	464.654	-2.00	4.211	464.337	-150.00
-4.259	463.970	-150.00	-4.000	464.358	-2.00	2427+0.000	464.438	464.000	0.438	4.000	464.358	-2.00	4.219	464.029	-150.00
-4.267	463.659	-150.00	-4.000	464.060	-2.00	2428+0.000	464.140	463.700	0.440	4.000	464.060	-2.00	4.213	463.740	-150.00
-4.250	463.279	-150.00	-4.000	463.654	-2.00	2429+0.000	463.734	463.293	0.441	4.000	463.654	-2.00	4.231	463.307	-150.00
-4.229	462.743	-150.00	-4.000	463.087	-2.00	2430+0.000	463.167	462.780	0.387	4.000	463.087	-2.00	4.180	462.817	-150.00
-4.256	462.163	-150.00	-4.000	462.547	-2.00	2431+0.000	462.627	462.182	0.444	4.000	462.547	-2.00	4.233	462.197	-150.00
-4.535	461.396	-150.00	-4.000	462.199	-2.00	2432+0.000	462.279	461.453	0.826	4.000	462.199	-2.00	4.460	461.509	-150.00
-4.847	460.590	-150.00	-4.000	461.860	-2.00	2433+0.000	461.940	460.651	1.290	4.000	461.860	-2.00	4.708	460.798	-150.00
-4.882	460.197	-150.00	-4.000	461.521	-2.00	2434+0.000	461.601	460.332	1.270	4.000	461.521	-2.00	4.707	460.461	-150.00
-4.759	460.044	-150.00	-4.000	461.182	-2.00	2435+0.000	461.262	460.177	1.085	4.000	461.182	-2.00	4.576	460.318	-150.00
-4.546	460.024	-150.00	-4.000	460.843	-2.00	2436+0.000	460.923	460.229	0.694	4.000	460.843	-2.00	4.272	460.435	-150.00
-4.345	459.986	-150.00	-4.000	460.504	-2.00	2437+0.000	460.584	460.182	0.402	4.000	460.504	-2.00	4.092	460.366	-150.00
-4.107	460.004	-150.00	-4.000	460.164	-2.00	2438+0.000	460.244	460.220	0.025	4.000	460.164	-2.00	4.433	460.453	66.67
-4.349	460.058	66.67	-4.000	459.825	-2.00	2439+0.000	459.905	460.267	-0.361	4.000	459.825	-2.00	5.023	460.507	66.67
-4.509	459.825	66.67	-4.000	459.486	-2.00	2440+0.000	459.566	460.123	-0.557	4.000	459.486	-2.00	5.501	460.487	66.67
-4.797	459.678	66.67	-4.000	459.147	-2.00	2441+0.000	459.227	460.033	-0.806	4.000	459.147	-2.00	5.993	460.476	66.67
-5.058	459.513	66.67	-4.000	458.808	-2.00	2442+0.000	458.888	459.892	-1.004	4.000	458.808	-2.00	6.339	460.367	66.67
-5.333	459.357	66.67	-4.000	458.469	-2.00	2443+0.000	458.549	459.759	-1.211	4.000	458.469	-2.00	6.693	460.264	66.67
-5.243	458.958	66.67	-4.000	458.129	-2.00	2444+0.000	458.209	459.373	-1.164	4.000	458.129	-2.00	6.660	459.903	66.67
-5.424	458.739	66.67	-4.000	457.790	-2.00	2445+0.000	457.870	459.097	-1.227	4.000	457.790	-2.00	6.615	459.533	66.67
-5.782	458.639	66.67	-4.000	457.451	-2.00	2446+0.000	457.531	459.020	-1.489	4.000	457.451	-2.00	6.861	459.358	66.67
-5.602	458.180	66.67	-4.000	457.112	-2.00	2447+0.000	457.192	458.542	-1.350	4.000	457.112	-2.00	6.777	458.963	66.67
-5.024	457.456	66.67	-4.000	456.773	-2.00	2448+0.000	456.853	457.776	-0.923	4.000	456.773	-2.00	6.080	458.159	66.67
-4.425	456.717	66.67	-4.000	456.434	-2.00	2449+0.000	456.514	456.940	-0.426	4.000	456.434	-2.00	5.141	457.194	66.67
-4.120	455.914	-150.00	-4.000	456.094	-2.00	2450+0.000	456.174	456.117	0.058	4.000	456.094	-2.00	4.327	456.312	66.67
-4.395	455.163	-150.00	-4.000	455.755	-2.00	2451+0.000	455.835	455.396	0.439	4.000	455.755	-2.00	4.091	455.619	-150.00
-4.418	454.808	-150.00	-4.000	455.436	-2.00	2452+0.000	455.516	455.068	0.448	4.000	455.436	-2.00	4.089	455.303	-150.00
-4.351	454.610	-150.00	-4.000	455.137	-2.00	2453+0.000	455.217	454.794	0.423	4.000	455.137	-2.00	4.089	455.003	-150.00
-4.606	454.421	-150.00	-4.000	455.330	-2.00	2454+0.000	455.410	454.836	0.574	4.000	455.330	-2.00	4.084	455.204	-150.00
-4.757	454.566	-150.00	-4.000	455.702	-2.00	2455+0.000	455.782	455.001	0.781	4.000	455.702	-2.00	4.227	455.361	-150.00
-4.879	454.754	-150.00	-4.000	456.073	-2.00	2456+0.000	456.153	455.194	0.959	4.000	456.073	-2.00	4.322	455.589	-150.00
-4.853	455.165	-150.00	-4.000	456.444	-2.00	2457+0.000	456.524	455.567	0.958	4.000	456.444	-2.00	4.331	455.948	-150.00
-4.773	455.656	-150.00	-4.000	456.816	-2.00	2458+0.000	456.896	456.040	0.856	4.000	456.816	-2.00	4.274	456.405	-150.00
-4.765	456.039	-150.00	-4.000	457.187	-2.00	2459+0.000	457.267	456.467	0.800	4.000	457.187	-2.00	4.227	456.847	-150.00
-4.652	456.581	-150.00	-4.000	457.559	-2.00	2460+0.000	457.639	456.935	0.703	4.000	457.559	-2.00	4.165	457.311	-150.00
-4.500	457.180	-150.00	-4.000	457.930	-2.00	2461+0.000	458.010	457.555	0.455	4.000	457.930	-2.00	4.046	457.861	-150.00
-4.534	457.567	-150.00	-4.000	458.369	-2.00	2462+0.000	458.449	457.970	0.480	4.000	458.369	-2.00	4.020	458.340	-150.00
-4.472	458.195	-150.00	-4.000	458.903	-2.00	2463+0.000	458.983	458.535	0.448	4.000	458.903	-2.00	4.040	458.843	-150.00
-4.485	458.965	-150.00	-4.000	459.693	-2.00	2464+0.000	459.773	459.319	0.454	4.000	459.693	-2.00	4.037	459.638	-150.00
-4.535	459.078	-150.00	-4.000	459.881	-2.00	2465+0.000	459.961	459.447	0.514	4.000	459.881	-2.00	4.061	459.789	-150.00
-4.566	459.210	-150.00	-4.000	460.060	-2.00	2466+0.000	460.140	459.581	0.559	4.000	460.060	-2.00	4.098	459.913	-150.00
-4.512	459.470	-150.00	-4.000	460.238	-2.00	2467+0.000	460.318	459.833	0.486	4.000	460.238	-2.00	4.053	460.159	-150.00
-4.431	459.759	-150.00	-4.000	460.405	-2.00	2468+0.000	460.485	460.022	0.463	4.000	460.405	-2.00	4.069	460.301	-150.00
-4.390	459.836	-150.00	-4.000	460.421	-2.00	2469+0.000	460.501	460.060	0.441	4.000	460.421	-2.00	4.102	460.269	-150.00
-4.388	459.833	-150.00	-4.000	460.415	-2.00	2470+0.000	460.495	460.050	0.445	4.000	460.415	-2.00	4.102	460.262	-150.00
-4.361	459.868	-150.00	-4.000	460.409	-2.00	2471+0.000	460.489	460.059	0.430	4.000	460.409	-2.00	4.113	460.240	-150.00
-4.373	459.844	-150.00	-4.000	460.403	-2.00	2472+0.000	460.483	460.043	0.440	4.000	460.403	-2.00	4.116	460.230	-150.00
-4.395	459.813	-150.00	-4.000	460.405	-2.00	2473+0.000	460.485	460.007	0.478	4.000	460.405	-2.00	4.144	460.189	-150.00
-4.540	459.614	-150.00	-4.000	460.424	-2.00	2474+0.000	460.504	459.860	0.644	4.000	460.424	-2.00	4.223	460.090	-150.00
-4.524	459.658	-150.00	-4.000	460.443	-2.00	2475+0.000	460.523	459.872	0.651	4.000	460.443	-2.00	4.246	460.074	-150.00
-4.494	459.721	-150.00	-4.000	460.462	-2.00	2476+0.000	460.542	460.012	0.530	4.000	460.462	-2.00	4.122	460.279	-150.00
-4.418	459.993	-150.00	-4.000	460.619	-2.00	2477+0.000	460.699	460.258	0.441	4.000	460.619	-2.00	4.065	460.522	-150.00
-4.445	460.330	-150.00	-4.000	460.997	-2.00	2478+0.000	461.077	460.661	0.416	4.000	460.997	-2.00	4.023	460.963	-150.00
-4.419	460.757	-150.00	-4.000	461.386	-2.00	2479+0.000	461.466	461.085	0.382	4.000	461.386	-2.00			
-4.293	461.335	-150.00	-4.000	461.776	-2.00	2480+0.000	461.856	461.631	0.225	4.000	461.776	-2.00	4.198	461.907	66.67
-4.302	461.712	-150.00	-4.000	462.165	-2.00	2481+0.000	462.245	461.976	0.269	4.000	462.165	-2.00	4.091	462.225	66.67
-4.285	462.127	-150.00	-4.000	462.554	-2.00	2482+0.000	462.634	462.280	0.354	4.000	462.554	-2.00	4.086	462.426	-150.00
-4.319	462.452	-150.00	-4.000	462.931	-2.00	2483+0.000	463.011	462.584	0.427	4.000	462.931	-2.00	4.147	462.711	-150.00
-4.295	462.824	-150.00	-4.000	463.266	-2.00	2484+0.000	463.346	462.926	0.420	4.000	463.266	-2.00	4.160	463.026	-150.00
-4.283	463.024	-150.00	-4.000	463.447	-2.00	2485+0.000	463.527	463.069	0.458	4.000	463.447	-2.00	4.190	463.163	-150.00
-4.278	462.983	-150.00	-4.000	463.399	-2.00	2486+0.000	463.479	463.010	0.469	4.000	463.399	-2.00	4.199	463.100	-150.00
-4.224	462.981	-150.00	-4.000	463.317	-2.00	2487+0.000	463.397	462.945	0.452	4.000	463.317	-2.00	4.282	462.894	-150.00
-4.125	462.655	-150.00	-4.000	462.843	-2.00	2488+0.000	462.923	462.529	0.394	4.000	462.843	-2.00	4.296	462.398	-150.00
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-4.187	461.553	-150.00	-4.000	461.834	-2.00	2490+0.000	461.914	461.453	0.461	4.000	461.834	-2.00	4.302	461.381	-150.00
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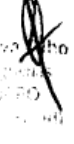
-4.253	458.572	-150.00	-4.000	458.952	-2.00	2494+0.000	459.032	458.589	0.443	4.000	458.952	-2.00	4.230	458.607	-150.00
-4.256	457.845	-150.00	-4.000	458.229	-2.00	2495+0.000	458.309	457.880	0.429	4.000	458.229	-2.00	4.221	457.897	-150.00
-4.268	457.108	-150.00	-4.000	457.510	-2.00	2496+0.000	457.590	457.145	0.445	4.000	457.510	-2.00	4.189	457.226	-150.00
-4.335	456.461	-150.00	-4.000	456.962	-2.00	2497+0.000	457.042	456.602	0.441	4.000	456.962	-2.00	4.150	456.737	-150.00
-4.289	456.277	-150.00	-4.000	456.710	-2.00	2498+0.000	456.790	456.382	0.408	4.000	456.710	-2.00	4.136	456.506	-150.00
-4.303	456.008	-150.00	-4.000	456.462	-2.00	2499+0.000	456.542	456.129	0.413	4.000	456.462	-2.00	4.139	456.254	-150.00
-4.327	455.732	-150.00	-4.000	456.222	-2.00	2500+0.000	456.302	455.859	0.442	4.000	456.222	-2.00	4.158	455.985	-150.00
-4.348	455.676	-150.00	-4.000	456.198	-2.00	2501+0.000	456.278	455.834	0.444	4.000	456.198	-2.00	4.138	455.991	-150.00
-4.355	455.755	-150.00	-4.000	456.287	-2.00	2502+0.000	456.367	455.920	0.448	4.000	456.287	-2.00	4.138	456.080	-150.00
-4.396	455.922	-150.00	-4.000	456.517	-2.00	2503+0.000	456.597	456.153	0.444	4.000	456.517	-2.00	4.101	456.366	-150.00
-4.407	455.999	-150.00	-4.000	456.608	-2.00	2504+0.000	456.688	456.235	0.453	4.000	456.608	-2.00	4.102	456.455	-150.00



-4.399	455.694	-150.00	-4.000	456.292	-2.00	2505+0.000	456.372	455.911	0.461	4.000	456.292	-2.00	4.113	456.122	-150.00
-4.382	455.110	-150.00	-4.000	455.682	-2.00	2506+0.000	455.762	455.302	0.461	4.000	455.682	-2.00	4.133	455.483	-150.00
-4.405	454.263	-150.00	-4.000	454.870	-2.00	2507+0.000	454.950	454.496	0.453	4.000	454.870	-2.00	4.104	454.714	-150.00
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-4.620	452.122	-150.00	-4.000	453.053	-2.00	2510+0.000	453.133	452.375	0.758	4.000	453.053	-2.00	4.274	452.642	-150.00
-4.557	451.885	-150.00	-4.000	452.721	-2.00	2511+0.000	452.801	452.101	0.700	4.000	452.721	-2.00	4.288	452.289	-150.00
-4.531	451.592	-150.00	-4.000	452.388	-2.00	2512+0.000	452.468	451.831	0.638	4.000	452.388	-2.00	4.246	452.019	-150.00
-4.556	451.223	-150.00	-4.000	452.056	-2.00	2513+0.000	452.136	451.465	0.672	4.000	452.056	-2.00	4.244	451.690	-150.00
-4.529	450.931	-150.00	-4.000	451.724	-2.00	2514+0.000	451.804	451.158	0.646	4.000	451.724	-2.00	4.229	451.380	-150.00
-4.480	450.672	-150.00	-4.000	451.392	-2.00	2515+0.000	451.472	450.892	0.580	4.000	451.392	-2.00	4.196	451.098	-150.00
-4.453	450.380	-150.00	-4.000	451.060	-2.00	2516+0.000	451.140	450.641	0.499	4.000	451.060	-2.00	4.117	450.885	-150.00
-4.448	450.091	-150.00	-4.000	450.763	-2.00	2517+0.000	450.843	450.335	0.508	4.000	450.763	-2.00	4.131	450.566	-150.00
-4.464	449.803	-150.00	-4.000	450.499	-2.00	2518+0.000	450.579	449.992	0.587	4.000	450.499	-2.00	4.219	450.170	-150.00
-4.489	449.502	-150.00	-4.000	450.236	-2.00	2519+0.000	450.316	449.725	0.591	4.000	450.236	-2.00	4.213	449.916	-150.00
-4.467	449.271	-150.00	-4.000	449.972	-2.00	2520+0.000	450.052	449.494	0.558	4.000	449.972	-2.00	4.179	449.703	-150.00
-4.387	449.274	-150.00	-4.000	449.855	-2.00	2521+0.000	449.935	449.490	0.445	4.000	449.855	-2.00	4.099	449.706	-150.00
-4.421	449.696	-150.00	-4.000	450.328	-2.00	2522+0.000	450.408	449.943	0.465	4.000	450.328	-2.00	4.090	450.193	-150.00
-4.413	449.786	-150.00	-4.000	450.405	-2.00	2523+0.000	450.485	450.029	0.457	4.000	450.405	-2.00	4.095	450.264	-150.00
-4.344	449.695	-150.00	-4.000	450.212	-2.00	2524+0.000	450.292	449.946	0.346	4.000	450.212	-2.00	4.027	450.171	-150.00
-4.383	449.444	-150.00	-4.000	450.019	-2.00	2525+0.000	450.099	449.667	0.432	4.000	450.019	-2.00	4.086	449.890	-150.00
-4.415	449.202	-150.00	-4.000	449.825	-2.00	2526+0.000	449.905	449.435	0.470	4.000	449.825	-2.00	4.115	449.652	-150.00
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-4.430	448.984	-150.00	-4.000	449.629	-2.00	2529+0.000	449.709	449.159	0.551	4.000	449.629	-2.00	4.204	449.324	-150.00
-4.477	448.942	-150.00	-4.000	449.658	-2.00	2530+0.000	449.738	449.112	0.626	4.000	449.658	-2.00	4.255	449.276	-150.00
-4.438	449.029	-150.00	-4.000	449.686	-2.00	2531+0.000	449.766	449.183	0.584	4.000	449.686	-2.00	4.238	449.329	-150.00
-4.382	449.141	-150.00	-4.000	449.715	-2.00	2532+0.000	449.795	449.338	0.457	4.000	449.715	-2.00	4.162	449.472	-150.00
-4.372	449.118	-150.00	-4.000	449.676	-2.00	2533+0.000	449.756	449.307	0.449	4.000	449.676	-2.00	4.127	449.485	-150.00
-4.363	449.093	-150.00	-4.000	449.637	-2.00	2534+0.000	449.717	449.275	0.442	4.000	449.637	-2.00	4.127	449.447	-150.00
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-4.256	449.316	-150.00	-4.000	449.700	-2.00	2538+0.000	449.780	449.411	0.369	4.000	449.700	-2.00	4.131	449.503	-150.00
-4.230	449.092	-150.00	-4.000	449.437	-2.00	2539+0.000	449.517	449.158	0.359	4.000	449.437	-2.00	4.142	449.224	-150.00
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-4.207	448.544	-150.00	-4.000	448.855	-2.00	2545+0.000	448.935	448.528	0.407	4.000	448.855	-2.00	4.201	448.554	-150.00
-4.269	448.429	-150.00	-4.000	448.832	-2.00	2546+0.000	448.912	448.453	0.459	4.000	448.832	-2.00	4.237	448.476	-150.00
-4.245	448.197	-150.00	-4.000	448.565	-2.00	2547+0.000	448.645	448.185	0.460	4.000	448.565	-2.00	4.267	448.165	-150.00
-4.155	447.761	-150.00	-4.000	447.994	-2.00	2548+0.000	448.074	447.750	0.324	4.000	447.994	-2.00	4.171	447.738	-150.00
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-4.100	444.449	-150.00	-4.000	444.600	-2.00	2553+0.000	444.680	444.320	0.360	4.000	444.600	-2.00	4.256	444.215	-150.00
-4.024	443.641	-150.00	-4.000	443.677	-2.00	2554+0.000	443.757	443.503	0.254	4.000	443.677	-2.00	4.212	443.359	-150.00
			-4.000	442.753	-2.00	2555+0.000	442.833	442.559	0.274	4.000	442.753	-2.00	4.256	442.369	-150.00
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-4.150	439.105	-150.00	-4.000	439.330	-2.00	2559+0.000	439.410	438.963	0.447	4.000	439.330	-2.00	4.249	438.956	-150.00
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-4.335	438.166	-150.00	-4.000	438.669	-2.00	2561+0.000	438.749	438.154	0.595	4.000	438.669	-2.00	4.344	438.153	-150.00
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-4.293	438.189	-150.00	-4.000	438.628	-2.00	2564+0.000	438.708	438.259	0.450	4.000	438.628	-2.00	4.198	438.331	-150.00
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-4.340	439.360	-150.00	-4.000	439.871	-2.00	2569+0.000	439.951	439.668	0.283	4.000	439.871	-2.00	4.135	439.961	66.67
-4.442	438.874	-150.00	-4.000	439.538	-2.00	2570+0.000	439.618	439.269	0.349	4.000	439.538	-2.00	4.149	439.637	66.67
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-4.565	433.602	-150.00	-4.000	434.450	-2.00	2577+0.000	434.530	433.978	0.552	4.000	434.450	-2.00	4.090	434.315	-150.00
-4.513	433.037	-150.00	-4.000	433.807	-2.00	2578+0.000	433.887	433.434	0.453	4.000	433.807	-2.00	4.013	433.787	-150.00
-4.519	432.582	-150.00	-4.000	433.360	-2.00	2579+0.000	433.440	432.967	0.474	4.000	433.360	-2.00	4.033	433.311	-150.00
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-4.306	434.721	-150.00	-4.000	435.180	-2.00	2585+0.000	435.260	434.813	0.447	4.000	435.180	-2.00	4.127	434.990	-150.00

-4.230	436.303	-150.00	-4.000	436.648	-2.00	2586+0.000	436.728	436.280	0.449	4.000	436.648	-2.00	4.281	436.227	-150.00
-4.210	437.606	-150.00	-4.000	437.921	-2.00	2587+0.000	438.001	437.538	0.463	4.000	437.921	-2.00	4.286	437.492	-150.00
-4.475	438.097	-150.00	-4.000	438.809	-2.00	2588+0.000	438.889	438.428	0.461	4.000	438.809	-2.00	4.055	438.727	-150.00
-4.520	438.667	-150.00	-4.000	439.447	-2.00	2589+0.000	439.527	439.069	0.458	4.000	439.447	-2.00	4.014	439.426	-150.00
-4.534	438.882	-150.00	-4.000	439.683	-2.00	2590+0.000	439.763	439.314	0.449	4.000	439.683	-2.00	4.022	439.697	66.67
-4.542	438.911	-150.00	-4.000	439.723	-2.00	2591+0.000	439.803	439.350	0.453	4.000	439.723	-2.00	4.023	439.738	66.67
-4.516	438.845	-150.00	-4.000	439.619	-2.00	2592+0.000	439.699	439.281	0.419	4.000	439.619	-2.00	4.082	439.674	66.67
-4.490	438.753	-150.00	-4.000	439.488	-2.00	2593+0.000	439.568	439.181	0.387	4.000	439.488	-2.00	4.129	439.574	66.67
-4.484	438.629	-150.00	-4.000	439.356	-2.00	2594+0.000	439.436	439.030	0.406	4.000	439.356	-2.00	4.056	439.393	66.67
-4.522	438.441	-150.00	-4.000	439.224	-2.00	2595+0.000	439.304	438.885	0.420	4.000	439.224	-2.00	4.005	439.228	66.67
-4.569	438.395	-150.00	-4.000	439.248	-2.00	2596+0.000	439.328	438.878	0.450	4.000	439.248	-2.00	4.035	439.196	-150.00
-4.575	438.337	-150.00	-4.000	439.199	-2.00	2597+0.000	439.279	438.788	0.491	4.000	439.199	-2.00	4.089	439.066	-150.00
-4.529	438.250	-150.00	-4.000	439.044	-2.00	2598+0.000	439.124	438.596	0.527	4.000	439.044	-2.00	4.104	438.888	-150.00
-4.426	438.249	-150.00	-4.000	438.888	-2.00	2599+0.000	438.968	438.488	0.480	4.000	438.888	-2.00	4.118	438.711	-150.00
-4.418	438.034	-150.00	-4.000	438.661	-2.00	2600+0.000	438.741	438.257	0.484	4.000	438.661	-2.00	4.113	438.492	-150.00
-4.398	437.757	-150.00	-4.000	438.354	-2.00	2601+0.000	438.434	437.983	0.451	4.000	438.354	-2.00	4.107	438.194	-150.00
-4.368	438.114	-150.00	-4.000	438.665	-2.00	2602+0.000	438.745	438.300	0.446	4.000	438.665	-2.00	4.127	438.475	-150.00
-4.388	438.854	-150.00	-4.000	439.436	-2.00	2603+0.000	439.516	438.992	0.524	4.000	439.436	-2.00	4.201	439.134	-150.00
-4.442	439.560	-150.00	-4.000	440.222	-2.00	2604+0.000	440.302	439.707	0.595	4.000	440.222	-2.00	4.249	439.848	-150.00
-4.338	440.190	-150.00	-4.000	440.698	-2.00	2605+0.000	440.778	440.341	0.437	4.000	440.698	-2.00	4.142	440.485	-150.00
-4.376	440.099	-150.00	-4.000	440.663	-2.00	2606+0.000	440.743	440.279	0.464	4.000	440.663	-2.00	4.135	440.460	-150.00
-4.358	439.742	-150.00	-4.000	440.279	-2.00	2607+0.000	440.359	439.897	0.462	4.000	440.279	-2.00	4.156	440.045	-150.00
-4.282	439.203	-150.00	-4.000	439.626	-2.00	2608+0.000	439.706	439.348	0.358	4.000	439.626	-2.00	4.084	439.499	-150.00
-4.147	438.595	-150.00	-4.000	438.815	-2.00	2609+0.000	438.895	438.746	0.149	4.000	438.815	-2.00	4.121	438.896	66.67
-4.136	437.801	-150.00	-4.000	438.005	-2.00	2610+0.000	438.085	437.929	0.156	4.000	438.005	-2.00	4.098	438.070	66.67
-4.167	436.944	-150.00	-4.000	437.194	-2.00	2611+0.000	437.274	437.078	0.195	4.000	437.194	-2.00	4.021	437.208	66.67
-4.167	436.132	-150.00	-4.000	436.383	-2.00	2612+0.000	436.463	436.203	0.261	4.000	436.383	-2.00	4.078	436.266	-150.00
-4.232	435.225	-150.00	-4.000	435.573	-2.00	2613+0.000	435.653	435.296	0.356	4.000	435.573	-2.00	4.141	435.361	-150.00
-4.266	434.358	-150.00	-4.000	434.757	-2.00	2614+0.000	434.837	434.402	0.434	4.000	434.757	-2.00	4.211	434.440	-150.00
-4.325	433.476	-150.00	-4.000	433.964	-2.00	2615+0.000	434.044	433.595	0.449	4.000	433.964	-2.00	4.161	433.722	-150.00
-4.309	433.095	-150.00	-4.000	433.559	-2.00	2616+0.000	433.639	433.195	0.444	4.000	433.559	-2.00	4.178	433.292	-150.00
-4.265	433.312	-150.00	-4.000	433.710	-2.00	2617+0.000	433.790	433.412	0.378	4.000	433.710	-2.00	4.135	433.508	-150.00
-4.292	433.481	-150.00	-4.000	433.919	-2.00	2618+0.000	433.999	433.560	0.439	4.000	433.919	-2.00	4.183	433.645	-150.00
-4.333	433.800	-150.00	-4.000	434.299	-2.00	2619+0.000	434.379	433.876	0.503	4.000	434.299	-2.00	4.232	433.951	-150.00
-4.298	434.232	-150.00	-4.000	434.679	-2.00	2620+0.000	434.759	434.308	0.451	4.000	434.679	-2.00	4.198	434.382	-150.00
-4.323	434.694	-150.00	-4.000	435.178	-2.00	2621+0.000	435.258	434.828	0.430	4.000	435.178	-2.00	4.147	434.957	-150.00
-4.324	435.225	-150.00	-4.000	435.711	-2.00	2622+0.000	435.791	435.358	0.433	4.000	435.711	-2.00	4.150	435.486	-150.00
-4.342	435.818	-150.00	-4.000	436.331	-2.00	2623+0.000	436.411	435.969	0.442	4.000	436.331	-2.00	4.126	436.142	-150.00
-4.497	436.658	-150.00	-4.000	437.404	-2.00	2624+0.000	437.484	436.846	0.637	4.000	437.404	-2.00	4.253	437.024	-150.00
-4.682	437.509	-150.00	-4.000	438.532	-2.00	2625+0.000	438.612	437.709	0.903	4.000	438.532	-2.00	4.423	437.898	-150.00
-4.817	438.435	-150.00	-4.000	439.661	-2.00	2626+0.000	439.741	438.718	1.022	4.000	439.661	-2.00	4.454	438.980	-150.00
-4.714	439.718	-150.00	-4.000	440.789	-2.00	2627+0.000	440.869	439.955	0.914	4.000	440.789	-2.00	4.408	440.177	-150.00
-4.583	441.042	-150.00	-4.000	441.918	-2.00	2628+0.000	441.998	441.268	0.730	4.000	441.918	-2.00	4.296	441.474	-150.00
-4.471	442.339	-150.00	-4.000	443.046	-2.00	2629+0.000	443.126	442.524	0.602	4.000	443.046	-2.00	4.209	442.732	-150.00
-4.365	443.627	-150.00	-4.000	444.175	-2.00	2630+0.000	444.255	443.775	0.480	4.000	444.175	-2.00	4.134	443.973	-150.00
-4.446	444.634	-150.00	-4.000	445.303	-2.00	2631+0.000	445.383	444.806	0.577	4.000	445.303	-2.00	4.222	444.970	-150.00
-4.985	444.954	-150.00	-4.000	446.432	-2.00	2632+0.000	446.512	445.085	1.427	4.000	446.432	-2.00	4.786	445.253	-150.00
-6.140	444.351	-150.00	-4.000	447.560	-2.00	2633+0.000	447.640	444.586	3.054	4.000	447.560	-2.00	5.844	444.794	-150.00
-6.899	443.661	-150.00	-4.000	448.010	-2.00	2634+0.000	448.090	443.884	4.206	4.000	448.010	-2.00	6.521	444.229	-150.00
-6.595	442.581	-150.00	-4.000	446.474	-2.00	2635+0.000	446.554	442.976	3.578	4.000	446.474	-2.00	6.128	443.282	-150.00
-4.891	441.646	-150.00	-4.000	442.982	-2.00	2636+0.000	443.062	441.945	1.117	4.000	442.982	-2.00	4.508	442.220	-150.00
-4.650	440.750	-150.00	-4.000	441.726	-2.00	2637+0.000	441.806	441.071	0.735	4.000	441.726	-2.00	4.241	441.364	-150.00
-4.523	440.475	-150.00	-4.000	441.260	-2.00	2638+0.000	441.340	440.809	0.531	4.000	441.260	-2.00	4.099	441.112	-150.00
-4.446	440.942	-150.00	-4.000	441.610	-2.00	2639+0.000	441.690	441.274	0.417	4.000	441.610	-2.00	4.029	441.566	-150.00
-4.606	441.165	-150.00	-4.000	442.073	-2.00	2640+0.000	442.153	441.516	0.637	4.000	442.073	-2.00	4.160	441.833	-150.00
-4.485	441.809	-150.00	-4.000	442.536	-2.00	2641+0.000	442.616	442.103	0.513	4.000	442.536	-2.00	4.109	442.373	-150.00
-4.456	442.313	-150.00	-4.000	442.998	-2.00	2642+0.000	443.078	442.617	0.461	4.000	442.998	-2.00	4.080	442.877	-150.00
-4.428	442.571	-150.00	-4.000	443.212	-2.00	2643+0.000	443.292	442.905	0.387	4.000	443.212	-2.00			
-4.438	442.642	-150.00	-4.000	443.299	-2.00	2644+0.000	443.379	442.972	0.407	4.000	443.299	-2.00	4.039	443.240	-150.00
-4.504	442.177	-150.00	-4.000	442.933	-2.00	2645+0.000	443.013	442.537	0.477	4.000	442.933	-2.00	4.049	442.860	-150.00
-4.476	441.780	-150.00	-4.000	442.494	-2.00	2646+0.000	442.574	442.140	0.434	4.000	442.494	-2.00	4.020	442.464	-150.00
-4.361	441.294	-150.00	-4.000	441.836	-2.00	2647+0.000	441.916	441.610	0.305	4.000	441.836	-2.00	4.110	441.909	66.67
-4.295	440.544	-150.00	-4.000	440.987	-2.00	2648+0.000	441.067	440.740	0.327	4.000	440.987	-2.00	4.079	440.869	-150.00
-4.418	439.340	-150.00	-4.000	439.968	-2.00	2649+0.000	440.048	439.455	0.593	4.000	439.968	-2.00	4.222	439.635	-150.00
-4.452	438.732	-150.00	-4.000	439.409	-2.00	2650+0.000	439.489	438.860	0.629	4.000	439.409	-2.00	4.284	438.984	-150.00
-4.434	438.666	-150.00	-4.000	439.317	-2.00	2651+0.000	439.397	438.834	0.562	4.000	439.317	-2.00	4.218	438.990	-150.00
-4.489	438.955	-150.00	-4.000	439.688	-2.00	2652+0.000	439.768	439.127	0.641	4.000	439.688	-2.00	4.265	439.291	-150.00
-4.510	439.498	-150.00	-4.000	440.263	-2.00	2653+0.000	440.343	439.795	0.548	4.000	440.263	-2.00	4.131	440.067	-150.00
-4.486	440.109	-150.00	-4.000	440.838	-2.00	2654+0.000	440.918	440.421	0.497	4.000	440.838	-2.00	4.088	440.706	-150.00
-4.479	440.694	-150.00	-4.000	441.413	-2.00	2655+0.000	441.493	441.063	0.430	4.000	441.413	-2.00	4.013	441.394	-150.00
-4.409	441.463	-150.00	-4.000	442.076	-2.00	2656+0.000	442.156	441.782	0.375	4.000	442.076	-2.00			
-4.260	442.397	-150.00	-4.000	442.787	-2.00	2657+0.000	442.867	442.630	0.237	4.000	442.787	-2.00	4.101	442.855	66.67
-4.284	443.072	-150.00	-4.000	443.498	-2.00	2658+0.000	443.578	443.295	0.283	4.000	443.498	-2.00	4.009	443.504	66.67
-4.304	443.752	-150.00	-4.000	444.209	-2.00	2659+0.000	444.289	443.998	0.291	4.000	444.209	-2.00	4.015	444.219	66.67
-4.365	444.371	-150.00	-4.000	444.919	-2.00	2660+0.000	444.999	444.547	0.453	4.000	444.919	-2.00	4.106	444.761	-150.00
-4.327	445.253	-150.00	-4.000	445.744	-2.00	2661+0.000	445.824	445.417	0.407	4.000	445.744	-2.00	4.096	445.600	-150.00
-4.397	446.008	-150.00	-4.000	446.603	-2.00	2662+0.000	446.683	446.230	0.453	4.000	446.603	-2.00	4.110	446.438	-150.00
-4.453	446.701	-150.00	-4.000	447.380	-2.00	2663+0.000	447.460	446.985	0.475	4.000	447.380	-2.00	4.089	447.246	-150.00
-4.459	447.105	-150.00	-4.000	447.793	-2.00	2664+0.000	447.873	447.410	0.464	4.000	447.793	-2.00	4.020	447.764	-150.00
-4.364	447.657	-150.00	-4.000	448.202	-2.00	2665+0.000	448.282	448.020	0.262	4.000	448.202	-2.00	4.259	448.375	66.67
-4.498	447.864	-150.00	-4.000	448.611	-2.00	2666+0.000	448.691	448.261	0.430	4.000	448.611	-2.00	4.060	448.652	66.67

-4.532	448.446	-150.00	-4.000	449.244	-2.00	2667+0.000	449.324	448.877	0.446	4.000	449.244	-2.00	4.025	449.261	66.67
-4.514	449.329	-150.00	-4.000	450.100	-2.00	2668+0.000	450.180	449.730	0.450	4.000	450.100	-2.00	4.006	450.105	66.67
-4.487	450.168	-150.00	-4.000	450.898	-2.00	2669+0.000	450.978	450.528	0.450	4.000	450.898	-2.00	4.006	450.902	66.67
-4.482	450.936	-150.00	-4.000	451.659	-2.00	2670+0.000	451.739	451.279	0.460	4.000	451.659	-2.00	4.010	451.644	-150.00
-4.462	451.678	-150.00	-4.000	452.371	-2.00	2671+0.000	452.451	452.011	0.440	4.000	452.371	-2.00	4.026	452.332	-150.00
-4.470	452.013	-150.00	-4.000	452.718	-2.00	2672+0.000	452.798	452.342	0.456	4.000	452.718	-2.00	4.049	452.645	-150.00
-4.465	452.291	-150.00	-4.000	452.989	-2.00	2673+0.000	453.069	452.619	0.450	4.000	452.989	-2.00	4.048	452.916	-150.00
-4.439	452.568	-150.00	-4.000	453.227	-2.00	2674+0.000	453.307	452.867	0.440	4.000	453.227	-2.00	4.058	453.140	-150.00
-4.363	452.988	-150.00	-4.000	453.532	-2.00	2675+0.000	453.612	453.283	0.330	4.000	453.532	-2.00	4.034	453.555	66.67
-4.305	453.381	-150.00	-4.000	453.838	-2.00	2676+0.000	453.918	453.690	0.229	4.000	453.838	-2.00	4.233	453.994	66.67
-4.182	453.871	-150.00	-4.000	454.144	-2.00	2677+0.000	454.224	454.168	0.056	4.000	454.144	-2.00	4.519	454.490	66.67
-4.065	454.352	-150.00	-4.000	454.450	-2.00	2678+0.000	454.530	454.622	-0.093	4.000	454.450	-2.00	4.730	454.937	66.67
-4.037	454.780	66.67	-4.000	454.756	-2.00	2679+0.000	454.836	455.042	-0.207	4.000	454.756	-2.00	4.908	455.361	66.67
			-4.000	455.062	-2.00	2680+0.000	455.142	455.306	-0.165	4.000	455.062	-2.00	4.800	455.595	66.67
-4.085	455.424	66.67	-4.000	455.367	-2.00	2681+0.000	455.447	455.587	-0.139	4.000	455.367	-2.00	4.604	455.770	66.67
-4.152	455.445	-150.00	-4.000	455.673	-2.00	2682+0.000	455.753	455.608	0.145	4.000	455.673	-2.00	4.146	455.770	66.67
-4.276	455.565	-150.00	-4.000	455.979	-2.00	2683+0.000	456.059	455.706	0.353	4.000	455.979	-2.00	4.075	455.867	-150.00
-4.330	455.734	-150.00	-4.000	456.228	-2.00	2684+0.000	456.308	455.874	0.434	4.000	456.228	-2.00	4.146	456.009	-150.00
-4.345	455.900	-150.00	-4.000	456.418	-2.00	2685+0.000	456.498	456.059	0.440	4.000	456.418	-2.00	4.139	456.210	-150.00
-4.358	456.159	-150.00	-4.000	456.696	-2.00	2686+0.000	456.776	456.314	0.462	4.000	456.696	-2.00	4.156	456.462	-150.00
-4.348	456.476	-150.00	-4.000	456.997	-2.00	2687+0.000	457.077	456.627	0.450	4.000	456.997	-2.00	4.148	456.776	-150.00
-4.307	456.915	-150.00	-4.000	457.375	-2.00	2688+0.000	457.455	457.005	0.450	4.000	457.375	-2.00	4.155	457.142	-150.00
-4.371	457.506	-150.00	-4.000	458.063	-2.00	2689+0.000	458.143	457.593	0.549	4.000	458.063	-2.00	4.256	457.678	-150.00
-4.366	458.313	-150.00	-4.000	458.862	-2.00	2690+0.000	458.942	458.384	0.557	4.000	458.862	-2.00	4.283	458.437	-150.00
-4.333	459.161	-150.00	-4.000	459.661	-2.00	2691+0.000	459.741	459.185	0.556	4.000	459.661	-2.00	4.302	459.207	-150.00
-4.229	460.117	-150.00	-4.000	460.460	-2.00	2692+0.000	460.540	460.088	0.452	4.000	460.460	-2.00	4.303	460.005	-150.00
-4.196	460.960	-150.00	-4.000	461.255	-2.00	2693+0.000	461.335	460.880	0.455	4.000	461.255	-2.00	4.305	460.797	-150.00
-4.220	461.663	-150.00	-4.000	461.992	-2.00	2694+0.000	462.072	461.555	0.517	4.000	461.992	-2.00	4.358	461.455	-150.00
-4.186	462.437	-150.00	-4.000	462.716	-2.00	2695+0.000	462.796	462.318	0.477	4.000	462.716	-2.00	4.347	462.195	-150.00
-4.229	462.807	-150.00	-4.000	463.150	-2.00	2696+0.000	463.230	462.747	0.483	4.000	463.150	-2.00	4.309	462.687	-150.00
-4.268	463.078	-150.00	-4.000	463.479	-2.00	2697+0.000	463.559	462.995	0.565	4.000	463.479	-2.00	4.326	462.991	-150.00
-4.304	463.352	-150.00	-4.000	463.808	-2.00	2698+0.000	463.888	463.234	0.654	4.000	463.808	-2.00	4.461	463.116	-150.00
-4.316	463.662	-150.00	-4.000	464.137	-2.00	2699+0.000	464.217	463.564	0.654	4.000	464.137	-2.00	4.455	463.455	-150.00
-4.387	463.885	-150.00	-4.000	464.466	-2.00	2700+0.000	464.546	463.819	0.727	4.000	464.466	-2.00	4.476	463.752	-150.00
-4.325	464.307	-150.00	-4.000	464.795	-2.00	2701+0.000	464.875	464.250	0.625	4.000	464.795	-2.00	4.396	464.201	-150.00
-4.247	464.754	-150.00	-4.000	465.124	-2.00	2702+0.000	465.204	464.666	0.538	4.000	465.124	-2.00	4.340	464.614	-150.00
-4.181	465.174	-150.00	-4.000	465.445	-2.00	2703+0.000	465.525	465.074	0.451	4.000	465.445	-2.00	4.314	464.974	-150.00
-4.210	465.377	-150.00	-4.000	465.692	-2.00	2704+0.000	465.772	465.320	0.452	4.000	465.692	-2.00	4.312	465.223	-150.00
-4.173	465.268	-150.00	-4.000	465.528	-2.00	2705+0.000	465.608	465.217	0.392	4.000	465.528	-2.00	4.243	465.164	-150.00
-4.181	465.015	-150.00	-4.000	465.287	-2.00	2706+0.000	465.367	464.986	0.381	4.000	465.287	-2.00	4.220	464.957	-150.00
-4.203	464.741	-150.00	-4.000	465.046	-2.00	2707+0.000	465.126	464.720	0.405	4.000	465.046	-2.00	4.225	464.708	-150.00
-4.206	464.525	-150.00	-4.000	464.833	-2.00	2708+0.000	464.913	464.464	0.449	4.000	464.833	-2.00	4.262	464.440	-150.00
-4.212	464.372	-150.00	-4.000	464.690	-2.00	2709+0.000	464.770	464.320	0.450	4.000	464.690	-2.00	4.281	464.268	-150.00
-4.200	464.246	-150.00	-4.000	464.547	-2.00	2710+0.000	464.627	464.206	0.420	4.000	464.547	-2.00	4.236	464.192	-150.00
-4.143	464.189	-150.00	-4.000	464.404	-2.00	2711+0.000	464.484	464.165	0.319	4.000	464.404	-2.00	4.176	464.140	-150.00
-4.184	463.985	-150.00	-4.000	464.260	-2.00	2712+0.000	464.340	463.960	0.380	4.000	464.260	-2.00	4.210	463.945	-150.00
-4.210	463.802	-150.00	-4.000	464.117	-2.00	2713+0.000	464.197	463.775	0.422	4.000	464.117	-2.00	4.237	463.762	-150.00
-4.209	463.667	-150.00	-4.000	463.980	-2.00	2714+0.000	464.060	463.610	0.450	4.000	463.980	-2.00	4.269	463.577	-150.00
-4.208	463.581	-150.00	-4.000	463.893	-2.00	2715+0.000	463.973	463.525	0.449	4.000	463.893	-2.00	4.284	463.467	-150.00
-4.182	463.541	-150.00	-4.000	463.814	-2.00	2716+0.000	463.894	463.480	0.414	4.000	463.814	-2.00	4.264	463.418	-150.00
-4.156	463.502	-150.00	-4.000	463.736	-2.00	2717+0.000	463.816	463.416	0.400	4.000	463.736	-2.00	4.272	463.327	-150.00
-4.153	463.428	-150.00	-4.000	463.657	-2.00	2718+0.000	463.737	463.308	0.429	4.000	463.657	-2.00	4.316	463.183	-150.00
-4.077	463.464	-150.00	-4.000	463.579	-2.00	2719+0.000	463.659	463.313	0.345	4.000	463.579	-2.00	4.270	463.174	-150.00
-4.006	463.490	-150.00	-4.000	463.500	-2.00	2720+0.000	463.580	463.341	0.239	4.000	463.500	-2.00	4.210	463.185	-150.00
-4.172	463.536	66.67	-4.000	463.421	-2.00	2721+0.000	463.501	463.350	0.152	4.000	463.421	-2.00	4.172	463.164	-150.00
-4.315	463.552	66.67	-4.000	463.343	-2.00	2722+0.000	463.423	463.347	0.076	4.000	463.343	-2.00	4.140	463.133	-150.00
-4.023	463.229	-150.00	-4.000	463.264	-2.00	2723+0.000	463.344	463.029	0.315	4.000	463.264	-2.00	4.270	462.858	-150.00
-4.120	463.005	-150.00	-4.000	463.185	-2.00	2724+0.000	463.265	462.820	0.445	4.000	463.185	-2.00	4.362	462.642	-150.00
-4.095	462.942	-150.00	-4.000	463.085	-2.00	2725+0.000	463.165	462.719	0.446	4.000	463.085	-2.00	4.375	462.522	-150.00
-4.054	462.900	-150.00	-4.000	462.981	-2.00	2726+0.000	463.061	462.598	0.462	4.000	462.981	-2.00	4.446	462.311	-150.00
-4.030	462.675	-150.00	-4.000	462.720	-2.00	2727+0.000	462.800	462.349	0.451	4.000	462.720	-2.00	4.490	461.985	-150.00
-4.027	462.103	-150.00	-4.000	462.143	-2.00	2728+0.000	462.223	461.784	0.439	4.000	462.143	-2.00	4.448	461.471	-150.00
-4.094	461.337	-150.00	-4.000	461.477	-2.00	2729+0.000	461.557	460.992	0.565	4.000	461.477	-2.00	4.514	460.705	-150.00
-4.314	460.323	-150.00	-4.000	460.794	-2.00	2730+0.000	460.874	460.073	0.801	4.000	460.794	-2.00	4.640	459.834	-150.00
-4.483	459.387	-150.00	-4.000	460.111	-2.00	2731+0.000	460.191	459.159	1.032	4.000	460.111	-2.00	4.797	458.915	-150.00
-4.401	458.826	-150.00	-4.000	459.428	-2.00	2732+0.000	459.508	458.497	1.010	4.000	459.428	-2.00	4.805	458.220	-150.00
-4.109	458.581	-150.00	-4.000	458.744	-2.00	2733+0.000	458.824	458.271	0.554	4.000	458.744	-2.00	4.542	457.931	-150.00
-4.039	458.175	-150.00	-4.000	458.234	-2.00	2734+0.000	458.314	457.864	0.450	4.000	458.234	-2.00	4.464	457.538	-150.00
-4.030	457.842	-150.00	-4.000	457.887	-2.00	2735+0.000	457.967	457.517	0.450	4.000	457.887	-2.00	4.472	457.179	-150.00
-4.091	457.616	-150.00	-4.000	457.754	-2.00	2736+0.000	457.834	457.338	0.496	4.000	457.754	-2.00	4.470	457.049	-150.00
-4.158	457.567	-150.00	-4.000	457.805	-2.00	2737+0.000	457.885	457.339	0.546	4.000	457.805	-2.00	4.475	457.093	-150.00
-4.150	457.632	-150.00	-4.000	457.856	-2.00	2738+0.000	457.936	457.405	0.531	4.000	457.856	-2.00	4.464	457.161	-150.00
-4.155	457.643	-150.00	-4.000	457.876	-2.00	2739+0.000	457.956	457.462	0.494	4.000	457.876	-2.00	4.403	457.271	-150.00
-4.151	457.482	-150.00	-4.000	457.708	-2.00	2740+0.000	457.788	457.331	0.457	4.000	457.708	-2.00	4.358	457.171	-150.00
-4.146	457.114	-150.00	-4.000	457.332	-2.00	2741+0.000	457.412	456.974	0.438	4.000	457.332	-2.00	4.336	456.828	-150.00
-4.191	456.463	-150.00	-4.000	456.749	-2.00	2742+0.000	456.829	456.360	0.469	4.000	456.749	-2.00	4.330	456.254	-150.00
-4.183	455.684	-150.00	-4.000	455.958	-2.00	2743+0.000	456.038	455.594	0.444	4.000	455.958	-2.00	4.304	455.502	-150.00
-4.206	454.764	-150.00	-4.000	455.073	-2.00	2744+0.000	455.153	454.701	0.452	4.000	455.073	-2.00	4.294	454.633	-150.00
-4.209	453.713	-150.00	-4.000	454.026	-2.00	2745+0.000	454.106	453.636	0.470	4.000	454.026	-2.00	4.313	453.557	-150.00
-4.195	452.607	-150.00	-4.000	452.900	-2.00	2746+0.000	452.980	452.532	0.448	4.000	452.900	-2.00	4.300	452.451	-150.00
-4.181	451.422	-150.00	-4.000	451.692	-2.00	2747+0.000	451.772	451.327	0.445	4.000	451.692	-2.00	4.302	451.239	-150.00

-4.206	450.304	-150.00	-4.000	450.613	-2.00	2748+0.000	450.693	450.257	0.436	4.000	450.613	-2.00	4.260	450.223	-150.00
-4.229	449.368	-150.00	-4.000	449.712	-2.00	2749+0.000	449.792	449.351	0.441	4.000	449.712	-2.00	4.277	449.296	-150.00
-4.406	448.670	-150.00	-4.000	449.279	-2.00	2750+0.000	449.359	448.663	0.696	4.000	449.279	-2.00	4.415	448.656	-150.00
-4.321	448.380	-150.00	-4.000	448.861	-2.00	2751+0.000	448.941	448.427	0.515	4.000	448.861	-2.00	4.286	448.433	-150.00
-4.396	448.201	-150.00	-4.000	448.795	-2.00	2752+0.000	448.875	448.233	0.642	4.000	448.795	-2.00	4.354	448.264	-150.00
-4.253	448.391	-150.00	-4.000	448.771	-2.00	2753+0.000	448.851	448.410	0.441	4.000	448.771	-2.00	4.224	448.435	-150.00
-4.245	448.737	-150.00	-4.000	449.104	-2.00	2754+0.000	449.184	448.737	0.447	4.000	449.104	-2.00	4.172	448.845	-150.00
-4.347	449.253	-150.00	-4.000	449.773	-2.00	2755+0.000	449.853	449.400	0.453	4.000	449.773	-2.00	4.155	449.541	-150.00
-4.383	449.789	-150.00	-4.000	450.363	-2.00	2756+0.000	450.443	449.979	0.464	4.000	450.363	-2.00	4.145	450.145	-150.00
-4.393	450.123	-150.00	-4.000	450.713	-2.00	2757+0.000	450.793	450.342	0.451	4.000	450.713	-2.00	4.110	450.547	-150.00
-4.421	450.129	-150.00	-4.000	450.760	-2.00	2758+0.000	450.840	450.382	0.458	4.000	450.760	-2.00	4.096	450.616	-150.00
-4.397	450.099	-150.00	-4.000	450.694	-2.00	2759+0.000	450.774	450.350	0.425	4.000	450.694	-2.00	4.075	450.582	-150.00
-4.435	450.037	-150.00	-4.000	450.690	-2.00	2760+0.000	450.770	450.326	0.444	4.000	450.690	-2.00	4.066	450.591	-150.00
-4.426	450.236	-150.00	-4.000	450.875	-2.00	2761+0.000	450.955	450.513	0.442	4.000	450.875	-2.00	4.065	450.778	-150.00
-4.430	450.590	-150.00	-4.000	451.236	-2.00	2762+0.000	451.316	450.864	0.451	4.000	451.236	-2.00	4.079	451.117	-150.00
-4.414	451.013	-150.00	-4.000	451.635	-2.00	2763+0.000	451.715	451.267	0.447	4.000	451.635	-2.00	4.088	451.503	-150.00
-4.368	451.284	-150.00	-4.000	451.835	-2.00	2764+0.000	451.915	451.529	0.386	4.000	451.835	-2.00	4.048	451.763	-150.00
-4.354	451.490	-150.00	-4.000	452.022	-2.00	2765+0.000	452.102	451.690	0.411	4.000	452.022	-2.00	4.096	451.879	-150.00
-4.346	451.529	-150.00	-4.000	452.047	-2.00	2766+0.000	452.127	451.711	0.416	4.000	452.047	-2.00	4.112	451.880	-150.00
-4.402	450.917	-150.00	-4.000	451.521	-2.00	2767+0.000	451.601	451.102	0.498	4.000	451.521	-2.00	4.179	451.253	-150.00
-4.340	450.207	-150.00	-4.000	450.717	-2.00	2768+0.000	450.797	450.328	0.469	4.000	450.717	-2.00	4.189	450.433	-150.00
-4.328	449.239	-150.00	-4.000	449.731	-2.00	2769+0.000	449.811	449.357	0.454	4.000	449.731	-2.00	4.179	449.463	-150.00
-4.325	448.107	-150.00	-4.000	448.595	-2.00	2770+0.000	448.675	448.224	0.451	4.000	448.595	-2.00	4.174	448.333	-150.00
-4.323	447.008	-150.00	-4.000	447.493	-2.00	2771+0.000	447.573	447.118	0.456	4.000	447.493	-2.00	4.180	447.223	-150.00
-4.300	445.984	-150.00	-4.000	446.435	-2.00	2772+0.000	446.515	446.059	0.456	4.000	446.435	-2.00	4.191	446.148	-150.00
-4.216	445.057	-150.00	-4.000	445.381	-2.00	2773+0.000	445.461	445.047	0.414	4.000	445.381	-2.00	4.229	445.037	-150.00
-4.224	444.094	-150.00	-4.000	444.430	-2.00	2774+0.000	444.510	444.045	0.465	4.000	444.430	-2.00	4.290	443.995	-150.00
-4.182	443.350	-150.00	-4.000	443.622	-2.00	2775+0.000	443.702	443.254	0.449	4.000	443.622	-2.00	4.312	443.154	-150.00
-4.175	442.694	-150.00	-4.000	442.958	-2.00	2776+0.000	443.038	442.581	0.457	4.000	442.958	-2.00	4.329	442.463	-150.00
-4.187	442.156	-150.00	-4.000	442.436	-2.00	2777+0.000	442.516	442.039	0.477	4.000	442.436	-2.00	4.346	441.918	-150.00
-4.213	441.728	-150.00	-4.000	442.047	-2.00	2778+0.000	442.127	441.610	0.517	4.000	442.047	-2.00	4.356	441.512	-150.00
-4.214	441.363	-150.00	-4.000	441.684	-2.00	2779+0.000	441.764	441.312	0.452	4.000	441.684	-2.00	4.283	441.260	-150.00
-4.265	440.853	-150.00	-4.000	441.251	-2.00	2780+0.000	441.331	440.880	0.451	4.000	441.251	-2.00	4.241	440.890	-150.00
-4.250	440.739	-150.00	-4.000	441.114	-2.00	2781+0.000	441.194	440.768	0.426	4.000	441.114	-2.00	4.219	440.786	-150.00
-4.288	440.851	-150.00	-4.000	441.283	-2.00	2782+0.000	441.363	440.935	0.428	4.000	441.283	-2.00	4.175	441.022	-150.00
-4.315	441.276	-150.00	-4.000	441.749	-2.00	2783+0.000	441.829	441.406	0.423	4.000	441.749	-2.00	4.152	441.520	-150.00
-4.351	441.847	-150.00	-4.000	442.374	-2.00	2784+0.000	442.454	442.006	0.448	4.000	442.374	-2.00	4.153	442.144	-150.00
-4.375	442.441	-150.00	-4.000	443.004	-2.00	2785+0.000	443.084	442.610	0.473	4.000	443.004	-2.00	4.146	442.784	-150.00
-4.366	442.944	-150.00	-4.000	443.494	-2.00	2786+0.000	443.574	443.119	0.455	4.000	443.494	-2.00	4.139	443.286	-150.00
-4.407	442.940	-150.00	-4.000	443.551	-2.00	2787+0.000	443.631	443.181	0.450	4.000	443.551	-2.00	4.097	443.405	-150.00
-4.373	442.857	-150.00	-4.000	443.416	-2.00	2788+0.000	443.496	443.100	0.396	4.000	443.416	-2.00	4.060	443.326	-150.00
-4.430	442.637	-150.00	-4.000	443.282	-2.00	2789+0.000	443.362	442.920	0.441	4.000	443.282	-2.00	4.068	443.180	-150.00
-4.428	442.575	-150.00	-4.000	443.217	-2.00	2790+0.000	443.297	442.854	0.442	4.000	443.217	-2.00	4.070	443.111	-150.00
-4.420	442.655	-150.00	-4.000	443.284	-2.00	2791+0.000	443.364	442.919	0.445	4.000	443.284	-2.00	4.076	443.171	-150.00
-4.356	442.966	-150.00	-4.000	443.500	-2.00	2792+0.000	443.580	443.179	0.401	4.000	443.500	-2.00	4.081	443.379	-150.00
-4.365	443.168	-150.00	-4.000	443.715	-2.00	2793+0.000	443.795	443.413	0.382	4.000	443.715	-2.00	4.050	443.641	-150.00
-4.411	443.313	-150.00	-4.000	443.930	-2.00	2794+0.000	444.010	443.557	0.453	4.000	443.930	-2.00	4.118	443.753	-150.00
-4.418	443.038	-150.00	-4.000	443.665	-2.00	2795+0.000	443.745	443.253	0.492	4.000	443.665	-2.00	4.141	443.454	-150.00
-4.403	442.534	-150.00	-4.000	443.138	-2.00	2796+0.000	443.218	442.751	0.467	4.000	443.138	-2.00	4.123	442.954	-150.00
-4.387	441.994	-150.00	-4.000	442.575	-2.00	2797+0.000	442.655	442.200	0.455	4.000	442.575	-2.00	4.121	442.393	-150.00
-4.391	441.295	-150.00	-4.000	441.881	-2.00	2798+0.000	441.961	441.493	0.468	4.000	441.881	-2.00	4.134	441.680	-150.00
-4.350	440.562	-150.00	-4.000	441.087	-2.00	2799+0.000	441.167	440.711	0.456	4.000	441.087	-2.00	4.151	440.860	-150.00
-4.334	439.735	-150.00	-4.000	440.236	-2.00	2800+0.000	440.316	439.874	0.442	4.000	440.236	-2.00	4.153	440.007	-150.00
-4.300	439.062	-150.00	-4.000	439.513	-2.00	2801+0.000	439.593	439.144	0.449	4.000	439.513	-2.00	4.193	439.224	-150.00
-4.286	438.444	-150.00	-4.000	438.874	-2.00	2802+0.000	438.954	438.499	0.455	4.000	438.874	-2.00	4.200	438.573	-150.00
-4.384	438.114	-150.00	-4.000	438.690	-2.00	2803+0.000	438.770	438.137	0.633	4.000	438.690	-2.00	4.356	438.156	-150.00
-4.482	437.835	-150.00	-4.000	438.558	-2.00	2804+0.000	438.638	437.824	0.813	4.000	438.558	-2.00	4.493	437.819	-150.00
-4.442	437.763	-150.00	-4.000	438.426	-2.00	2805+0.000	438.506	437.718	0.788	4.000	438.426	-2.00	4.499	437.677	-150.00
-4.247	437.923	-150.00	-4.000	438.294	-2.00	2806+0.000	438.374	437.852	0.522	4.000	438.294	-2.00	4.339	437.785	-150.00
-4.209	438.203	-150.00	-4.000	438.516	-2.00	2807+0.000	438.596	438.122	0.474	4.000	438.516	-2.00	4.290	438.081	-150.00
-4.187	438.985	-150.00	-4.000	439.266	-2.00	2808+0.000	439.346	438.916	0.430	4.000	439.266	-2.00	4.280	438.846	-150.00
-4.286	439.786	-150.00	-4.000	440.214	-2.00	2809+0.000	440.294	439.840	0.454	4.000	440.214	-2.00	4.214	439.894	-150.00
-4.423	440.190	-150.00	-4.000	440.825	-2.00	2810+0.000	440.905	440.418	0.487	4.000	440.825	-2.00	4.127	440.634	-150.00
-4.426	440.518	-150.00	-4.000	441.158	-2.00	2811+0.000	441.238	440.744	0.494	4.000	441.158	-2.00	4.136	440.954	-150.00
-4.388	440.911	-150.00	-4.000	441.493	-2.00	2812+0.000	441.573	441.114	0.458	4.000	441.493	-2.00	4.127	441.302	-150.00
-4.398	441.334	-150.00	-4.000	441.932	-2.00	2813+0.000	442.012	441.534	0.478	4.000	441.932	-2.00	4.141	441.721	-150.00
-4.399	441.779	-150.00	-4.000	442.378	-2.00	2814+0.000	442.458	441.977	0.481	4.000	442.378	-2.00	4.143	442.163	-150.00
-4.416	442.144	-150.00	-4.000	442.768	-2.00	2815+0.000	442.848	442.391	0.457	4.000	442.768	-2.00	4.099	442.620	-150.00
-4.125	442.344	-150.00	-4.000	442.532	-2.00	2816+0.000	442.612	442.599	0.012	4.000	442.532	-2.00	4.521	442.879	66.67
-4.176	442.179	66.67	-4.000	442.061	-2.00	2817+0.000	442.141	442.470	-0.329	4.000	442.061	-2.00	5.101	442.796	66.67
-4.005	441.595	66.67	-4.000	441.591	-2.00	2818+0.000	441.671	441.852	-0.181	4.000	441.591	-2.00	4.860	442.164	66.67
-4.304	440.664	-150.00	-4.000	441.121	-2.00	2819+0.000	441.201	440.940	0.260	4.000	441.121	-2.00	4.127	441.205	66.67
-4.430	440.009	-150.00	-4.000	440.654	-2.00	2820+0.000	440.734	440.295	0.439	4.000	440.654	-2.00	4.062	440.561	-150.00
-4.478	439.755	-150.00	-4.000	440.472	-2.00	2821+0.000	440.552	440.062	0.491	4.000	440.472	-2.00	4.087	440.342	-150.00
-4.240	440.283	-150.00	-4.000	440.643	-2.00	2822+0.000	440.723	440.408	0.315	4.000	440.643	-2.00	4.076	440.528	-150.00
-4.282	440.413	-150.00	-4.000	440.835	-2.00	2823+0.000	440.915	440.499	0.416	4.000	440.835	-2.00	4.168	440.583	-150.00
-4.196	440.817	-150.00	-4.000	441.110	-2.00	2824+0.000	441.190	440.831	0.359	4.000	441.110	-2.00	4.177	440.844	-150.00
-4.205	441.112	-150.00	-4.000	441.419	-2.00	2825+0.000	441.499	441.091	0.408	4.000	441.419	-2.00	4.207	441.109	-150.00
-4.134	441.528	-150.00	-4.000	441.728	-2.00	2826+0.000	441.808	441.424	0.384	4.000	441.728	-2.00	4.274	441.317	-150.00
-4.182	441.766	-150.00	-4.000	442.038	-2.00	2827+0.000	442.118	441.688	0.430	4.000	442.038	-2.00	4.287	441.608	-150.00
-4.195	442.173	-150.00	-4.000	442.465	-2.00	2828+0.000	442.545	442.097	0.449	4.000	442.465	-2.00	4.298	442.019	-150.00

-4.196	442.670	-150.00	-4.000	442.964	-2.00	2829+0.000	443.044	442.597	0.447	4.000	442.964	-2.00	4.294	442.523	-150.00
-4.121	443.366	-150.00	-4.000	443.547	-2.00	2830+0.000	443.627	443.178	0.450	4.000	443.547	-2.00	4.299	443.099	-150.00
-4.107	444.405	-150.00	-4.000	444.566	-2.00	2831+0.000	444.646	444.193	0.452	4.000	444.566	-2.00	4.399	443.967	-150.00
-4.095	445.303	-150.00	-4.000	445.445	-2.00	2832+0.000	445.525	445.062	0.463	4.000	445.445	-2.00	4.429	444.801	-150.00
-4.017	446.020	-150.00	-4.000	446.046	-2.00	2833+0.000	446.126	445.785	0.341	4.000	446.046	-2.00	4.309	445.583	-150.00
-4.026	446.608	-150.00	-4.000	446.646	-2.00	2834+0.000	446.726	446.401	0.325	4.000	446.646	-2.00	4.306	446.186	-150.00
-4.060	447.156	-150.00	-4.000	447.246	-2.00	2835+0.000	447.326	446.949	0.377	4.000	447.246	-2.00	4.345	446.729	-150.00
-4.087	447.716	-150.00	-4.000	447.846	-2.00	2836+0.000	447.926	447.512	0.414	4.000	447.846	-2.00	4.368	447.295	-150.00
-4.167	448.244	-150.00	-4.000	448.494	-2.00	2837+0.000	448.574	448.126	0.448	4.000	448.494	-2.00	4.327	448.003	-150.00
-4.161	449.258	-150.00	-4.000	449.499	-2.00	2838+0.000	449.579	449.165	0.414	4.000	449.499	-2.00	4.287	449.069	-150.00
-4.251	450.140	-150.00	-4.000	450.516	-2.00	2839+0.000	450.596	450.128	0.468	4.000	450.516	-2.00	4.266	450.116	-150.00
-4.230	451.276	-150.00	-4.000	451.621	-2.00	2840+0.000	451.701	451.210	0.491	4.000	451.621	-2.00	4.319	451.142	-150.00
-4.300	452.276	-150.00	-4.000	452.726	-2.00	2841+0.000	452.806	452.329	0.477	4.000	452.726	-2.00	4.230	452.381	-150.00
-4.294	453.320	-150.00	-4.000	453.762	-2.00	2842+0.000	453.842	453.363	0.478	4.000	453.762	-2.00	4.237	453.406	-150.00
-4.289	454.326	-150.00	-4.000	454.759	-2.00	2843+0.000	454.839	454.370	0.470	4.000	454.759	-2.00	4.230	454.415	-150.00
-4.301	455.223	-150.00	-4.000	455.674	-2.00	2844+0.000	455.754	455.311	0.443	4.000	455.674	-2.00	4.185	455.397	-150.00
-4.332	455.805	-150.00	-4.000	456.303	-2.00	2845+0.000	456.383	455.886	0.497	4.000	456.303	-2.00	4.225	455.966	-150.00
-4.311	456.173	-150.00	-4.000	456.639	-2.00	2846+0.000	456.719	456.328	0.391	4.000	456.639	-2.00	4.109	456.475	-150.00
-4.274	456.366	-150.00	-4.000	456.777	-2.00	2847+0.000	456.857	456.513	0.344	4.000	456.777	-2.00	4.083	456.653	-150.00
-4.361	456.367	-150.00	-4.000	456.908	-2.00	2848+0.000	456.988	456.538	0.450	4.000	456.908	-2.00	4.138	456.702	-150.00
-4.365	456.488	-150.00	-4.000	457.036	-2.00	2849+0.000	457.116	456.658	0.458	4.000	457.036	-2.00	4.144	456.820	-150.00
-4.355	456.702	-150.00	-4.000	457.234	-2.00	2850+0.000	457.314	456.872	0.442	4.000	457.234	-2.00	4.117	457.059	-150.00
-4.480	457.264	-150.00	-4.000	457.984	-2.00	2851+0.000	458.064	457.482	0.583	4.000	457.984	-2.00	4.199	457.685	-150.00
-4.459	458.064	-150.00	-4.000	458.752	-2.00	2852+0.000	458.832	458.220	0.613	4.000	458.752	-2.00	4.257	458.366	-150.00
-4.418	458.894	-150.00	-4.000	459.521	-2.00	2853+0.000	459.601	459.018	0.582	4.000	459.521	-2.00	4.255	459.137	-150.00
-4.383	459.714	-150.00	-4.000	460.289	-2.00	2854+0.000	460.369	459.818	0.551	4.000	460.289	-2.00	4.246	459.919	-150.00
-4.336	460.553	-150.00	-4.000	461.057	-2.00	2855+0.000	461.137	460.653	0.484	4.000	461.057	-2.00	4.193	460.767	-150.00
-4.302	461.334	-150.00	-4.000	461.787	-2.00	2856+0.000	461.867	461.407	0.460	4.000	461.787	-2.00	4.206	461.478	-150.00
-4.296	461.845	-150.00	-4.000	462.290	-2.00	2857+0.000	462.370	461.910	0.459	4.000	462.290	-2.00	4.210	461.974	-150.00
-4.323	462.262	-150.00	-4.000	462.746	-2.00	2858+0.000	462.826	462.388	0.439	4.000	462.746	-2.00	4.169	462.493	-150.00
-4.321	462.885	-150.00	-4.000	463.366	-2.00	2859+0.000	463.446	463.010	0.436	4.000	463.366	-2.00	4.157	463.130	-150.00
-4.293	463.866	-150.00	-4.000	464.305	-2.00	2860+0.000	464.385	463.951	0.433	4.000	464.305	-2.00	4.165	464.058	-150.00
-4.364	465.259	-150.00	-4.000	465.805	-2.00	2861+0.000	465.885	465.384	0.502	4.000	465.805	-2.00	4.201	465.503	-150.00
-4.332	466.838	-150.00	-4.000	467.335	-2.00	2862+0.000	467.415	466.965	0.450	4.000	467.335	-2.00	4.165	467.087	-150.00
-4.320	468.799	-150.00	-4.000	469.279	-2.00	2863+0.000	469.359	468.934	0.424	4.000	469.279	-2.00	4.143	469.064	-150.00
-4.378	470.592	-150.00	-4.000	471.159	-2.00	2864+0.000	471.239	470.817	0.422	4.000	471.159	-2.00	4.088	471.027	-150.00
-4.460	472.135	-150.00	-4.000	472.824	-2.00	2865+0.000	472.904	472.459	0.446	4.000	472.824	-2.00	4.048	472.753	-150.00
-4.439	473.614	-150.00	-4.000	474.273	-2.00	2866+0.000	474.353	473.897	0.456	4.000	474.273	-2.00	4.078	474.156	-150.00
-4.416	474.652	-150.00	-4.000	475.277	-2.00	2867+0.000	475.357	474.895	0.461	4.000	475.277	-2.00	4.059	475.188	-150.00
-4.432	475.511	-150.00	-4.000	476.159	-2.00	2868+0.000	476.239	475.742	0.498	4.000	476.159	-2.00	4.135	475.956	-150.00
-4.412	475.813	-150.00	-4.000	476.431	-2.00	2869+0.000	476.511	476.044	0.467	4.000	476.431	-2.00	4.114	476.260	-150.00
-4.428	475.683	-150.00	-4.000	476.326	-2.00	2870+0.000	476.406	475.886	0.520	4.000	476.326	-2.00	4.121	476.144	-150.00
-4.368	475.991	-150.00	-4.000	476.544	-2.00	2871+0.000	476.624	476.176	0.448	4.000	476.544	-2.00	4.082	476.420	-150.00
-4.371	476.229	-150.00	-4.000	476.786	-2.00	2872+0.000	476.866	476.412	0.454	4.000	476.786	-2.00	4.044	476.720	-150.00
-4.485	476.301	-150.00	-4.000	477.028	-2.00	2873+0.000	477.108	476.650	0.459	4.000	477.028	-2.00	4.196	477.159	66.67
-4.611	476.341	-150.00	-4.000	477.258	-2.00	2874+0.000	477.338	476.868	0.470	4.000	477.258	-2.00	4.270	477.439	66.67
-4.608	475.951	-150.00	-4.000	476.863	-2.00	2875+0.000	476.943	476.558	0.385	4.000	476.863	-2.00	4.415	477.140	66.67
-4.533	474.704	-150.00	-4.000	475.503	-2.00	2876+0.000	475.583	475.126	0.457	4.000	475.503	-2.00			
-4.504	472.981	-150.00	-4.000	473.737	-2.00	2877+0.000	473.817	473.290	0.527	4.000	473.737	-2.00	4.085	473.609	-150.00
-4.509	471.604	-150.00	-4.000	472.368	-2.00	2878+0.000	472.448	471.944	0.504	4.000	472.368	-2.00	4.035	472.316	-150.00
-4.467	470.546	-150.00	-4.000	471.246	-2.00	2879+0.000	471.326	470.873	0.452	4.000	471.246	-2.00			
-4.461	469.933	-150.00	-4.000	470.625	-2.00	2880+0.000	470.705	470.260	0.445	4.000	470.625	-2.00	4.042	470.562	-150.00
-4.503	469.615	-150.00	-4.000	470.369	-2.00	2881+0.000	470.449	470.015	0.434	4.000	470.369	-2.00			
-4.460	469.669	-150.00	-4.000	470.359	-2.00	2882+0.000	470.439	469.988	0.451	4.000	470.359	-2.00	4.045	470.291	-150.00
-4.476	469.921	-150.00	-4.000	470.635	-2.00	2883+0.000	470.715	470.274	0.441	4.000	470.635	-2.00	4.029	470.592	-150.00
-4.495	470.174	-150.00	-4.000	470.916	-2.00	2884+0.000	470.996	470.541	0.456	4.000	470.916	-2.00	4.033	470.867	-150.00
-4.427	470.556	-150.00	-4.000	471.197	-2.00	2885+0.000	471.277	470.860	0.417	4.000	471.197	-2.00	4.040	471.137	-150.00
-4.446	470.809	-150.00	-4.000	471.478	-2.00	2886+0.000	471.558	471.153	0.406	4.000	471.478	-2.00	4.011	471.462	-150.00
-4.505	471.023	-150.00	-4.000	471.780	-2.00	2887+0.000	471.860	471.410	0.450	4.000	471.780	-2.00	4.016	471.756	-150.00
-4.528	471.711	-150.00	-4.000	472.503	-2.00	2888+0.000	472.583	472.132	0.451	4.000	472.503	-2.00			
-4.534	472.394	-150.00	-4.000	473.194	-2.00	2889+0.000	473.274	472.815	0.460	4.000	473.194	-2.00	4.005	473.187	-150.00
-4.608	472.719	-150.00	-4.000	473.632	-2.00	2890+0.000	473.712	473.203	0.508	4.000	473.632	-2.00	4.005	473.624	-150.00
-4.609	473.061	-150.00	-4.000	473.974	-2.00	2891+0.000	474.054	473.574	0.480	4.000	473.974	-2.00	4.082	474.029	66.67
-4.586	473.519	-150.00	-4.000	474.397	-2.00	2892+0.000	474.477	474.048	0.429	4.000	474.397	-2.00	4.186	474.521	66.67
-4.611	474.150	-150.00	-4.000	475.066	-2.00	2893+0.000	475.146	474.682	0.465	4.000	475.066	-2.00	4.144	475.163	66.67
-4.664	474.740	-150.00	-4.000	475.735	-2.00	2894+0.000	475.815	475.271	0.545	4.000	475.735	-2.00	4.016	475.746	66.67
-4.595	475.501	-150.00	-4.000	476.394	-2.00	2895+0.000	476.474	476.027	0.447	4.000	476.394	-2.00	4.166	476.505	66.67
-4.577	476.429	-150.00	-4.000	477.294	-2.00	2896+0.000	477.374	476.942	0.432	4.000	477.294	-2.00	4.174	477.410	66.67
-4.635	476.805	-150.00	-4.000	477.758	-2.00	2897+0.000	477.838	477.366	0.472	4.000	477.758	-2.00	4.179	477.877	66.67
-4.651	477.000	-150.00	-4.000	477.976	-2.00	2898+0.000	478.056	477.567	0.489	4.000	477.976	-2.00	4.145	478.073	66.67
-4.619	477.350	-150.00	-4.000	478.279	-2.00	2899+0.000	478.359	477.911	0.448	4.000	478.279	-2.00	4.220	478.425	66.67
-4.618	477.078	-150.00	-4.000	478.005	-2.00	2900+0.000	478.085	477.635	0.449	4.000	478.005	-2.00	4.208	478.143	66.67
-4.519	477.182	-150.00	-4.000	477.960	-2.00	2901+0.000	478.040	477.601	0.439	4.000	477.960	-2.00	4.020	477.974	66.67
-4.592	477.459	-150.00	-4.000	478.347	-2.00	2902+0.000	478.427	477.905	0.523	4.000	478.347	-2.00			
-4.592	477.830	-150.00	-4.000	478.717	-2.00	2903+0.000	478.797	478.221	0.576	4.000	478.717	-2.00	4.008	478.722	66.67
-4.513	478.318	-150.00	-4.000	479.087	-2.00	2904+0.000	479.167	478.670	0.497	4.000	479.087	-2.00	4.067	478.987	-150.00
-4.546	478.270	-150.00	-4.000	479.089	-2.00	2905+0.000	479.169	478.699	0.470	4.000	479.089	-2.00	4.008	479.078	-150.00
-4.378	478.151	-150.00	-4.000	478.718	-2.00	2906+0.000	478.798	478.341	0.458	4.000	478.718	-2.00	4.025	478.735	66.67
-4.425	478.785	-150.00	-4.000	479.422	-2.00	2907+0.000	479.502	479.067	0.435	4.000	479.422	-2.00	4.063	479.327	-150.00
-4.465	479.424	-150.00	-4.000	480.121	-2.00	2908+0.000	480.201	479.745	0.457	4.000	480.121	-2.00	4.065	480.024	-150.00
-4.487	479.759	-150.00	-4.000	480.490	-2.00	2909+0.000	480.570	480.100	0.470	4.000	480.490	-2.00	4.055	480.408	-150.00

Osvaldo Leonardo da Silva

-4.384	480.279	-150.00	-4.000	480.855	-2.00	2910+0.000	480.935	480.494	0.441	4.000	480.855	-2.00	4.037	480.799	-150.00
-4.389	480.994	-150.00	-4.000	481.578	-2.00	2911+0.000	481.658	481.196	0.462	4.000	481.578	-2.00	4.128	481.386	-150.00
-4.222	481.066	-150.00	-4.000	481.399	-2.00	2912+0.000	481.479	481.178	0.301	4.000	481.399	-2.00	4.061	481.308	-150.00
-4.112	480.945	-150.00	-4.000	481.113	-2.00	2913+0.000	481.193	481.060	0.132	4.000	481.113	-2.00	4.093	481.175	66.67
-4.114	480.903	66.67	-4.000	480.827	-2.00	2914+0.000	480.907	480.933	-0.026	4.000	480.827	-2.00	4.203	480.963	66.67
-4.114	480.618	66.67	-4.000	480.542	-2.00	2915+0.000	480.622	480.584	0.038	4.000	480.542	-2.00	4.014	480.551	66.67
-4.077	480.307	66.67	-4.000	480.256	-2.00	2916+0.000	480.336	480.208	0.127	4.000	480.256	-2.00	4.098	480.109	-150.00
-4.084	479.845	-150.00	-4.000	479.970	-2.00	2917+0.000	480.050	479.724	0.326	4.000	479.970	-2.00	4.248	479.598	-150.00
-4.156	479.463	-150.00	-4.000	479.697	-2.00	2918+0.000	479.777	479.292	0.485	4.000	479.697	-2.00	4.391	479.111	-150.00
-4.073	479.277	-150.00	-4.000	479.386	-2.00	2919+0.000	479.466	479.044	0.422	4.000	479.386	-2.00	4.396	478.792	-150.00
-4.168	478.419	-150.00	-4.000	478.671	-2.00	2920+0.000	478.751	478.305	0.445	4.000	478.671	-2.00	4.322	478.188	-150.00
-4.119	477.372	-150.00	-4.000	477.551	-2.00	2921+0.000	477.631	477.231	0.400	4.000	477.551	-2.00	4.312	477.083	-150.00
-4.159	475.841	-150.00	-4.000	476.080	-2.00	2922+0.000	476.160	475.720	0.440	4.000	476.080	-2.00	4.324	475.593	-150.00
-4.260	474.172	-150.00	-4.000	474.562	-2.00	2923+0.000	474.642	474.139	0.503	4.000	474.562	-2.00	4.305	474.105	-150.00
-4.459	472.356	-150.00	-4.000	473.044	-2.00	2924+0.000	473.124	472.422	0.702	4.000	473.044	-2.00	4.357	472.509	-150.00
-4.295	471.084	-150.00	-4.000	471.526	-2.00	2925+0.000	471.606	471.206	0.401	4.000	471.526	-2.00	4.135	471.323	-150.00
-4.405	469.905	-150.00	-4.000	470.512	-2.00	2926+0.000	470.592	470.155	0.438	4.000	470.512	-2.00	4.044	470.446	-150.00
-4.410	469.433	-150.00	-4.000	470.049	-2.00	2927+0.000	470.129	469.672	0.457	4.000	470.049	-2.00	4.105	469.891	-150.00
-4.468	468.883	-150.00	-4.000	469.585	-2.00	2928+0.000	469.665	469.210	0.455	4.000	469.585	-2.00	4.052	469.507	-150.00
-4.489	468.049	-150.00	-4.000	468.784	-2.00	2929+0.000	468.864	468.408	0.456	4.000	468.784	-2.00	4.023	468.749	-150.00
-4.382	467.613	-150.00	-4.000	468.187	-2.00	2930+0.000	468.267	467.849	0.418	4.000	468.187	-2.00	4.079	468.068	-150.00
-4.448	467.053	-150.00	-4.000	467.724	-2.00	2931+0.000	467.804	467.330	0.475	4.000	467.724	-2.00	4.093	467.584	-150.00
-4.385	466.692	-150.00	-4.000	467.270	-2.00	2932+0.000	467.350	466.923	0.427	4.000	467.270	-2.00	4.074	467.158	-150.00
-4.345	466.730	-150.00	-4.000	467.249	-2.00	2933+0.000	467.329	466.884	0.445	4.000	467.249	-2.00	4.136	467.044	-150.00
-4.341	467.060	-150.00	-4.000	467.571	-2.00	2934+0.000	467.651	467.219	0.432	4.000	467.571	-2.00	4.134	467.371	-150.00
-4.344	467.657	-150.00	-4.000	468.173	-2.00	2935+0.000	468.253	467.816	0.436	4.000	468.173	-2.00	4.173	467.913	-150.00
-4.330	468.907	-150.00	-4.000	469.403	-2.00	2936+0.000	469.483	469.053	0.429	4.000	469.403	-2.00	4.196	469.108	-150.00
-4.287	470.155	-150.00	-4.000	470.585	-2.00	2937+0.000	470.665	470.208	0.457	4.000	470.585	-2.00	4.213	470.265	-150.00
-4.126	471.175	-150.00	-4.000	471.365	-2.00	2938+0.000	471.445	471.226	0.218	4.000	471.365	-2.00	4.059	471.277	-150.00
-4.302	471.471	-150.00	-4.000	471.924	-2.00	2939+0.000	472.004	471.541	0.462	4.000	471.924	-2.00	4.168	471.671	-150.00
-4.172	471.583	-150.00	-4.000	471.840	-2.00	2940+0.000	471.920	471.676	0.245	4.000	471.840	-2.00	4.050	471.766	-150.00
-4.219	471.323	-150.00	-4.000	471.651	-2.00	2941+0.000	471.731	471.415	0.316	4.000	471.651	-2.00	4.089	471.517	-150.00
-4.355	470.930	-150.00	-4.000	471.462	-2.00	2942+0.000	471.542	471.082	0.460	4.000	471.462	-2.00	4.156	471.227	-150.00
-4.359	470.138	-150.00	-4.000	470.676	-2.00	2943+0.000	470.756	470.303	0.453	4.000	470.676	-2.00	4.144	470.461	-150.00
-4.236	469.516	-150.00	-4.000	469.870	-2.00	2944+0.000	469.950	469.744	0.206	4.000	469.870	-2.00	4.146	469.968	66.67
-4.205	468.823	-150.00	-4.000	469.130	-2.00	2945+0.000	469.210	469.057	0.153	4.000	469.130	-2.00	4.244	469.293	66.67
-4.342	467.878	-150.00	-4.000	468.390	-2.00	2946+0.000	468.470	468.186	0.284	4.000	468.390	-2.00	4.144	468.486	66.67
-4.441	466.989	-150.00	-4.000	467.651	-2.00	2947+0.000	467.731	467.305	0.426	4.000	467.651	-2.00	4.039	467.591	-150.00
-4.469	466.205	-150.00	-4.000	466.909	-2.00	2948+0.000	466.989	466.540	0.449	4.000	466.909	-2.00	4.044	466.843	-150.00
-4.444	465.592	-150.00	-4.000	466.258	-2.00	2949+0.000	466.338	465.887	0.452	4.000	466.258	-2.00	4.057	466.172	-150.00
-4.424	465.152	-150.00	-4.000	465.788	-2.00	2950+0.000	465.868	465.510	0.358	4.000	465.788	-2.00	4.064	465.831	66.67
-4.496	464.573	-150.00	-4.000	465.318	-2.00	2951+0.000	465.398	464.947	0.451	4.000	465.318	-2.00	4.025	465.281	-150.00
-4.406	464.429	-150.00	-4.000	465.038	-2.00	2952+0.000	465.118	464.645	0.474	4.000	465.038	-2.00	4.111	464.872	-150.00
-4.430	464.188	-150.00	-4.000	464.833	-2.00	2953+0.000	464.913	464.465	0.448	4.000	464.833	-2.00	4.076	464.720	-150.00
-4.444	463.950	-150.00	-4.000	464.616	-2.00	2954+0.000	464.696	464.249	0.447	4.000	464.616	-2.00	4.062	464.523	-150.00
-4.454	463.591	-150.00	-4.000	464.271	-2.00	2955+0.000	464.351	463.862	0.489	4.000	464.271	-2.00	4.090	464.136	-150.00
-4.420	463.282	-150.00	-4.000	463.912	-2.00	2956+0.000	463.992	463.519	0.474	4.000	463.912	-2.00	4.115	463.740	-150.00
-4.384	462.977	-150.00	-4.000	463.554	-2.00	2957+0.000	463.634	463.224	0.410	4.000	463.554	-2.00	4.068	463.452	-150.00
-4.445	462.639	-150.00	-4.000	463.306	-2.00	2958+0.000	463.386	462.931	0.455	4.000	463.306	-2.00	4.072	463.197	-150.00
-4.367	462.479	-150.00	-4.000	463.029	-2.00	2959+0.000	463.109	462.709	0.400	4.000	463.029	-2.00	4.057	462.944	-150.00
-4.460	462.530	-150.00	-4.000	463.220	-2.00	2960+0.000	463.300	462.838	0.462	4.000	463.220	-2.00	4.067	463.120	-150.00
-4.447	462.941	-150.00	-4.000	463.611	-2.00	2961+0.000	463.691	463.242	0.449	4.000	463.611	-2.00	4.063	463.517	-150.00
-4.439	463.536	-150.00	-4.000	464.194	-2.00	2962+0.000	464.274	463.810	0.464	4.000	464.194	-2.00	4.076	464.081	-150.00
-4.385	464.295	-150.00	-4.000	464.872	-2.00	2963+0.000	464.952	464.494	0.458	4.000	464.872	-2.00	4.128	464.680	-150.00
-4.217	464.908	-150.00	-4.000	465.233	-2.00	2964+0.000	465.313	465.096	0.216	4.000	465.233	-2.00	4.069	465.279	66.67
-4.208	465.247	-150.00	-4.000	465.558	-2.00	2965+0.000	465.638	465.389	0.250	4.000	465.558	-2.00	4.023	465.524	-150.00
-4.336	465.296	-150.00	-4.000	465.801	-2.00	2966+0.000	465.881	465.430	0.450	4.000	465.801	-2.00	4.161	465.560	-150.00
-4.295	465.204	-150.00	-4.000	465.647	-2.00	2967+0.000	465.727	465.271	0.456	4.000	465.647	-2.00	4.208	465.336	-150.00
-4.290	464.989	-150.00	-4.000	465.424	-2.00	2968+0.000	465.504	465.057	0.447	4.000	465.424	-2.00	4.201	465.123	-150.00
-4.305	464.549	-150.00	-4.000	465.006	-2.00	2969+0.000	465.086	464.641	0.446	4.000	465.006	-2.00	4.185	464.729	-150.00
-4.302	463.929	-150.00	-4.000	464.382	-2.00	2970+0.000	464.462	463.999	0.463	4.000	464.382	-2.00	4.198	464.085	-150.00
-4.300	463.241	-150.00	-4.000	463.691	-2.00	2971+0.000	463.771	463.313	0.458	4.000	463.691	-2.00	4.205	463.384	-150.00
-4.285	462.648	-150.00	-4.000	463.076	-2.00	2972+0.000	463.156	462.718	0.438	4.000	463.076	-2.00	4.191	462.789	-150.00
-4.331	462.234	-150.00	-4.000	462.730	-2.00	2973+0.000	462.810	462.317	0.494	4.000	462.730	-2.00	4.217	462.405	-150.00
-4.285	462.235	-150.00	-4.000	462.663	-2.00	2974+0.000	462.743	462.307	0.436	4.000	462.663	-2.00	4.190	462.378	-150.00
-4.292	462.436	-150.00	-4.000	462.874	-2.00	2975+0.000	462.954	462.523	0.432	4.000	462.874	-2.00	4.179	462.606	-150.00
-4.314	462.860	-150.00	-4.000	463.331	-2.00	2976+0.000	463.411	462.948	0.463	4.000	463.331	-2.00	4.198	463.033	-150.00
-4.301	463.179	-150.00	-4.000	463.632	-2.00	2977+0.000	463.712	463.250	0.461	4.000	463.632	-2.00	4.202	463.329	-150.00
-4.288	463.400	-150.00	-4.000	463.832	-2.00	2978+0.000	463.912	463.473	0.439	4.000	463.832	-2.00	4.212	463.513	-150.00
-4.297	463.090	-150.00	-4.000	463.535	-2.00	2979+0.000	463.615	463.111	0.505	4.000	463.535	-2.00	4.270	463.131	-150.00
-4.222	462.499	-150.00	-4.000	462.831	-2.00	2980+0.000	462.911	462.443	0.469	4.000	462.831	-2.00	4.296	462.387	-150.00
-4.205	461.190	-150.00	-4.000	461.498	-2.00	2981+0.000	461.578	461.138	0.439	4.000	461.498	-2.00	4.298	461.051	-150.00
-4.201	459.952	-150.00	-4.000	460.253	-2.00	2982+0.000	460.333	459.885	0.448	4.000	460.253	-2.00	4.290	459.818	-150.00
-4.191	458.840	-150.00	-4.000	459.126	-2.00	2983+0.000	459.206	458.755	0.452	4.000	459.126	-2.00	4.306	458.667	-150.00
-4.249	458.114	-150.00	-4.000	458.488	-2.00	2984+0.000	458.568	458.046	0.522	4.000	458.488	-2.00	4.318	458.012	-150.00
-4.498	457.628	-150.00	-4.000	458.376	-2.00	2985+0.000	458.456	457.678	0.777	4.000	458.376	-2.00	4.430	457.731	-150.00
-4.315	458.281	-150.00	-4.000	458.753	-2.00	2986+0.000	458.833	458.349	0.484	4.000	458.753	-2.00	4.225	458.416	-150.00
-4.370	458.814	-150.00	-4.000	459.369	-2.00	2987+0.000	459.449	458.928	0.521	4.000	459.369	-2.00	4.222	459.035	-150.00
-4.339	459.484	-150.00	-4.000	459.992	-2.00	2988+0.000	460.072	459.616	0.456	4.000	459.992	-2.00	4.167	459.742	-150.00
-4.332	460.091	-150.00	-4.000	460.588	-2.00	2989+0.000	460.668	460.212	0.456	4.000	460.588	-2.00	4.172	460.329	-150.00
-4.322	460.505	-150.00	-4.000	460.988	-2.00	2990+0.000	461.068	460.634	0.434	4.000	460.988	-2.00	4.153	460.759	-150.00

Chefe de Fiscalização da Silv
Projeto
Supervisão

-4.337	460.658	-150.00	-4.000	461.163	-2.00	2991+0.000	461.243	460.752	0.492	4.000	461.163	-2.00	4.214	460.843	-150.00
-4.319	460.636	-150.00	-4.000	461.114	-2.00	2992+0.000	461.194	460.739	0.455	4.000	461.114	-2.00	4.184	460.838	-150.00
-4.324	460.386	-150.00	-4.000	460.872	-2.00	2993+0.000	460.952	460.500	0.452	4.000	460.872	-2.00	4.174	460.610	-150.00
-4.368	459.929	-150.00	-4.000	460.482	-2.00	2994+0.000	460.562	460.120	0.442	4.000	460.482	-2.00	4.167	460.231	-150.00
-4.445	459.039	-150.00	-4.000	459.706	-2.00	2995+0.000	459.786	459.246	0.540	4.000	459.706	-2.00	4.177	459.440	-150.00
-4.402	458.176	-150.00	-4.000	458.779	-2.00	2996+0.000	458.859	458.371	0.488	4.000	458.779	-2.00	4.149	458.555	-150.00
-4.367	457.438	-150.00	-4.000	457.989	-2.00	2997+0.000	458.069	457.638	0.432	4.000	457.989	-2.00	4.111	457.823	-150.00
-4.387	456.760	-150.00	-4.000	457.340	-2.00	2998+0.000	457.420	456.964	0.457	4.000	457.340	-2.00	4.124	457.155	-150.00
-4.369	456.561	-150.00	-4.000	457.114	-2.00	2999+0.000	457.194	456.730	0.464	4.000	457.114	-2.00	4.148	456.892	-150.00
-4.422	456.781	-150.00	-4.000	457.415	-2.00	3000+0.000	457.495	456.953	0.542	4.000	457.415	-2.00	4.208	457.102	-150.00
-4.354	457.401	-150.00	-4.000	457.932	-2.00	3001+0.000	458.012	457.563	0.448	4.000	457.932	-2.00	4.143	457.718	-150.00
-4.345	458.280	-150.00	-4.000	458.797	-2.00	3002+0.000	458.877	458.446	0.431	4.000	458.797	-2.00	4.138	458.590	-150.00
-4.341	459.219	-150.00	-4.000	459.730	-2.00	3003+0.000	459.810	459.363	0.447	4.000	459.730	-2.00	4.153	459.501	-150.00
-4.314	460.353	-150.00	-4.000	460.825	-2.00	3004+0.000	460.905	460.430	0.474	4.000	460.825	-2.00	4.199	460.526	-150.00
-4.286	461.327	-150.00	-4.000	461.756	-2.00	3005+0.000	461.836	461.380	0.457	4.000	461.756	-2.00	4.218	461.429	-150.00
-4.289	462.188	-150.00	-4.000	462.622	-2.00	3006+0.000	462.702	462.248	0.454	4.000	462.622	-2.00	4.210	462.306	-150.00
-4.295	463.045	-150.00	-4.000	463.487	-2.00	3007+0.000	463.567	463.108	0.459	4.000	463.487	-2.00	4.211	463.171	-150.00
-4.318	463.858	-150.00	-4.000	464.335	-2.00	3008+0.000	464.415	463.962	0.453	4.000	464.335	-2.00	4.187	464.055	-150.00
-4.385	464.582	-150.00	-4.000	465.160	-2.00	3009+0.000	465.240	464.735	0.505	4.000	465.160	-2.00	4.186	464.881	-150.00
-4.306	465.610	-150.00	-4.000	466.070	-2.00	3010+0.000	466.150	465.788	0.362	4.000	466.070	-2.00	4.078	465.953	-150.00
-4.309	466.420	-150.00	-4.000	466.884	-2.00	3011+0.000	466.964	466.588	0.375	4.000	466.884	-2.00	4.102	466.731	-150.00
-4.330	467.121	-150.00	-4.000	467.616	-2.00	3012+0.000	467.696	467.326	0.371	4.000	467.616	-2.00	4.071	467.510	-150.00
-4.400	467.739	-150.00	-4.000	468.339	-2.00	3013+0.000	468.419	467.963	0.457	4.000	468.339	-2.00	4.113	468.171	-150.00
-4.487	468.332	-150.00	-4.000	469.062	-2.00	3014+0.000	469.142	468.585	0.558	4.000	469.062	-2.00	4.162	468.819	-150.00
-4.495	469.042	-150.00	-4.000	469.785	-2.00	3015+0.000	469.865	469.337	0.529	4.000	469.785	-2.00	4.122	469.602	-150.00
-4.461	469.817	-150.00	-4.000	470.508	-2.00	3016+0.000	470.588	470.113	0.476	4.000	470.508	-2.00	4.085	470.382	-150.00
-4.505	470.414	-150.00	-4.000	471.172	-2.00	3017+0.000	471.252	470.762	0.490	4.000	471.172	-2.00	4.064	471.075	-150.00
-4.529	470.995	-150.00	-4.000	471.789	-2.00	3018+0.000	471.869	471.340	0.529	4.000	471.789	-2.00	4.092	471.650	-150.00
-4.544	471.590	-150.00	-4.000	472.406	-2.00	3019+0.000	472.486	471.971	0.515	4.000	472.406	-2.00	4.063	472.312	-150.00
-4.535	472.221	-150.00	-4.000	473.023	-2.00	3020+0.000	473.103	472.613	0.491	4.000	473.023	-2.00	4.049	472.950	-150.00
-4.542	472.764	-150.00	-4.000	473.577	-2.00	3021+0.000	473.657	473.168	0.488	4.000	473.577	-2.00	4.033	473.527	-150.00
-4.509	472.865	-150.00	-4.000	473.629	-2.00	3022+0.000	473.709	473.285	0.423	4.000	473.629	-2.00	4.052	473.663	66.67
-4.504	472.341	-150.00	-4.000	473.097	-2.00	3023+0.000	473.177	472.674	0.503	4.000	473.097	-2.00	4.076	472.983	-150.00
-4.518	471.371	-150.00	-4.000	472.148	-2.00	3024+0.000	472.228	471.690	0.538	4.000	472.148	-2.00	4.104	471.992	-150.00
-4.438	470.524	-150.00	-4.000	471.181	-2.00	3025+0.000	471.261	470.739	0.522	4.000	471.181	-2.00	4.160	470.941	-150.00
-4.388	469.632	-150.00	-4.000	470.214	-2.00	3026+0.000	470.294	469.854	0.440	4.000	470.214	-2.00	4.101	470.062	-150.00
-4.383	468.968	-150.00	-4.000	469.543	-2.00	3027+0.000	469.623	469.176	0.446	4.000	469.543	-2.00	4.114	469.372	-150.00
-4.354	468.553	-150.00	-4.000	469.084	-2.00	3028+0.000	469.164	468.743	0.421	4.000	469.084	-2.00	4.107	468.923	-150.00
-4.394	468.352	-150.00	-4.000	468.943	-2.00	3029+0.000	469.023	468.489	0.534	4.000	468.943	-2.00	4.172	468.685	-150.00
-4.262	468.798	-150.00	-4.000	469.191	-2.00	3030+0.000	469.271	468.858	0.412	4.000	469.191	-2.00	4.112	469.023	-150.00
-4.291	469.327	-150.00	-4.000	469.764	-2.00	3031+0.000	469.844	469.390	0.454	4.000	469.764	-2.00	4.196	469.470	-150.00
-4.281	469.970	-150.00	-4.000	470.392	-2.00	3032+0.000	470.472	470.027	0.445	4.000	470.392	-2.00	4.207	470.082	-150.00
-4.292	470.807	-150.00	-4.000	471.245	-2.00	3033+0.000	471.325	470.876	0.449	4.000	471.245	-2.00	4.208	470.932	-150.00
-4.295	471.547	-150.00	-4.000	471.989	-2.00	3034+0.000	472.069	471.599	0.471	4.000	471.989	-2.00	4.226	471.650	-150.00
-4.297	472.238	-150.00	-4.000	472.683	-2.00	3035+0.000	472.763	472.286	0.478	4.000	472.683	-2.00	4.234	472.332	-150.00
-4.302	472.924	-150.00	-4.000	473.377	-2.00	3036+0.000	473.457	472.975	0.482	4.000	473.377	-2.00	4.238	473.020	-150.00
-4.335	473.568	-150.00	-4.000	474.071	-2.00	3037+0.000	474.151	473.634	0.516	4.000	474.071	-2.00	4.248	473.699	-150.00
-4.342	474.248	-150.00	-4.000	474.760	-2.00	3038+0.000	474.840	474.389	0.451	4.000	474.760	-2.00	4.178	474.492	-150.00
-4.378	474.704	-150.00	-4.000	475.271	-2.00	3039+0.000	475.351	474.877	0.474	4.000	475.271	-2.00	4.154	475.041	-150.00
-4.363	475.211	-150.00	-4.000	475.755	-2.00	3040+0.000	475.835	475.381	0.454	4.000	475.755	-2.00	4.141	475.543	-150.00
-4.378	475.539	-150.00	-4.000	476.106	-2.00	3041+0.000	476.186	475.743	0.443	4.000	476.106	-2.00	4.124	475.920	-150.00
-4.516	475.587	-150.00	-4.000	476.361	-2.00	3042+0.000	476.441	475.796	0.645	4.000	476.361	-2.00	4.245	475.993	-150.00
-4.533	475.816	-150.00	-4.000	476.616	-2.00	3043+0.000	476.696	476.023	0.673	4.000	476.616	-2.00	4.262	476.223	-150.00
-4.547	476.050	-150.00	-4.000	476.870	-2.00	3044+0.000	476.950	476.325	0.625	4.000	476.870	-2.00	4.162	476.627	-150.00
-4.561	476.470	-150.00	-4.000	477.312	-2.00	3045+0.000	477.392	476.832	0.560	4.000	477.312	-2.00	4.104	477.156	-150.00
-4.512	476.990	-150.00	-4.000	477.759	-2.00	3046+0.000	477.839	477.345	0.494	4.000	477.759	-2.00	4.063	477.664	-150.00
-4.539	477.397	-150.00	-4.000	478.205	-2.00	3047+0.000	478.285	477.775	0.510	4.000	478.205	-2.00	4.061	478.113	-150.00
-4.433	478.002	-150.00	-4.000	478.652	-2.00	3048+0.000	478.732	478.337	0.394	4.000	478.652	-2.00	4.029	478.608	-150.00
-4.397	478.503	-150.00	-4.000	479.099	-2.00	3049+0.000	479.179	478.816	0.362	4.000	479.099	-2.00	4.020	479.112	66.67
-4.382	478.972	-150.00	-4.000	479.545	-2.00	3050+0.000	479.625	479.221	0.404	4.000	479.545	-2.00	4.039	479.487	-150.00
-4.216	479.452	-150.00	-4.000	479.777	-2.00	3051+0.000	479.857	479.713	0.144	4.000	479.777	-2.00	4.268	479.955	66.67
-4.110	479.500	-150.00	-4.000	479.664	-2.00	3051+15.000	479.744	479.744	0.000	4.000	479.664	-2.00	4.556	480.035	66.67

Osvaldo Leões
Diretor
Processo
Secretário

SECRETARIA
DAS **CIDADES** - SECID

GOVERNO DO
PIAUÍ
AQUI TEM **TRABALHO.**
AQUI TEM **FUTURO**

TRECHO 4: MUNICÍPIO DE DOM INOCENCIO AO POVOADO SANTA TERESA

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
0+0,00	0,70	0,39	0,00	0,00	0,00	0,00	0,000
1+0,00	0,00	1,91	7,04	23,01	7,04	23,01	-15,970
2+0,00	0,00	3,67	0,01	55,77	7,05	78,78	-71,730
3+0,00	0,00	4,71	0,00	83,78	7,05	162,56	-155,510
4+0,00	0,00	5,62	0,00	103,23	7,05	265,79	-258,740
5+0,00	0,00	6,73	0,00	123,45	7,05	389,24	-382,190
6+0,00	0,00	5,08	0,00	118,05	7,05	507,29	-500,240
7+0,00	0,00	3,65	0,00	87,31	7,05	594,59	-587,540
8+0,00	0,00	3,80	0,00	74,50	7,05	669,10	-662,050
9+0,00	0,00	3,68	0,00	74,75	7,05	743,84	-736,790
10+0,00	0,00	3,46	0,00	71,39	7,05	815,24	-808,190
11+0,00	0,00	4,45	0,00	79,07	7,05	894,31	-887,260
12+0,00	0,00	5,77	0,00	102,16	7,05	996,47	-989,420
13+0,00	0,00	5,31	0,00	110,78	7,05	1107,25	-1100,200
14+0,00	0,00	4,99	0,00	103,01	7,05	1210,25	-1203,200
15+0,00	0,00	4,26	0,00	92,57	7,05	1302,83	-1295,780
16+0,00	0,00	3,49	0,00	77,56	7,05	1380,39	-1373,340
17+0,00	0,00	2,70	0,00	61,88	7,05	1442,27	-1435,220
18+0,00	0,00	3,12	0,00	58,21	7,05	1500,48	-1493,430
19+0,00	0,00	3,39	0,00	65,16	7,05	1565,63	-1558,580
20+0,00	0,00	3,38	0,00	67,73	7,05	1633,36	-1626,310
21+0,00	0,00	3,79	0,00	71,67	7,05	1705,03	-1697,980
22+0,00	0,00	3,85	0,00	76,32	7,05	1781,36	-1774,310
23+0,00	0,00	3,82	0,00	76,63	7,05	1857,98	-1850,930
24+0,00	0,00	3,90	0,00	77,14	7,05	1935,12	-1928,070
25+0,00	0,00	3,88	0,00	77,74	7,05	2012,87	-2005,820
26+0,00	0,00	3,86	0,00	77,38	7,05	2090,25	-2083,200
27+0,00	0,00	3,77	0,00	76,32	7,05	2166,57	-2159,520
28+0,00	0,00	3,65	0,00	74,19	7,05	2240,76	-2233,710
29+0,00	0,00	3,49	0,00	71,37	7,05	2312,13	-2305,080
30+0,00	0,00	3,40	0,00	68,93	7,05	2381,06	-2374,010
31+0,00	0,00	3,42	0,00	68,24	7,05	2449,30	-2442,250
32+0,00	0,00	3,49	0,00	69,10	7,05	2518,40	-2511,350
33+0,00	0,00	4,21	0,00	77,03	7,05	2595,42	-2588,370
34+0,00	0,00	6,31	0,00	105,25	7,05	2700,67	-2693,620
35+0,00	0,00	7,88	0,00	141,87	7,05	2842,54	-2835,490
36+0,00	0,00	9,93	0,00	178,05	7,05	3020,59	-3013,540
37+0,00	0,00	9,46	0,00	193,82	7,05	3214,41	-3207,360
38+0,00	0,00	9,28	0,00	187,39	7,05	3401,81	-3394,760
39+0,00	0,00	8,65	0,00	179,26	7,05	3581,06	-3574,010
40+0,00	0,00	7,19	0,00	158,44	7,05	3739,50	-3732,450
41+0,00	0,00	5,78	0,00	129,74	7,05	3869,25	-3862,200
42+0,00	0,00	4,17	0,00	99,48	7,05	3968,73	-3961,680
43+0,00	0,00	3,44	0,00	76,24	7,05	4044,97	-4037,920
44+0,00	0,00	3,61	0,00	70,52	7,05	4115,49	-4108,440
45+0,00	0,00	3,57	0,00	71,86	7,05	4187,35	-4180,300
46+0,00	0,00	4,00	0,00	75,72	7,05	4263,07	-4256,020
47+0,00	0,00	4,11	0,00	81,15	7,05	4344,22	-4337,170
48+0,00	0,00	3,43	0,00	75,40	7,05	4419,63	-4412,580
49+0,00	0,00	3,46	0,00	68,81	7,05	4488,44	-4481,390
50+0,00	0,00	6,35	0,00	97,98	7,05	4586,42	-4579,370
51+0,00	0,00	6,79	0,00	131,43	7,05	4717,84	-4710,790
52+0,00	0,00	6,68	0,00	134,66	7,05	4852,51	-4845,460
53+0,00	0,00	5,68	0,00	123,61	7,05	4976,12	-4969,070
54+0,00	0,00	4,38	0,00	100,64	7,05	5076,76	-5069,710

Osvaldo Lourenço da S...
Diretor ...
Projetos e Obras ...
Secretaria ...

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
55+0,00	0,00	3,42	0,00	78,05	7,05	5154,82	-5147,770
56+0,00	0,00	3,46	0,00	68,80	7,05	5223,61	-5216,560
57+0,00	0,00	3,04	0,00	64,98	7,05	5288,60	-5281,550
58+0,00	0,00	0,62	0,00	36,62	7,05	5325,21	-5318,160
59+0,00	0,25	0,28	2,50	9,03	9,55	5334,24	-5324,690
60+0,00	0,52	0,00	7,67	2,83	17,22	5337,08	-5319,860
61+0,00	0,48	0,31	9,98	3,11	27,20	5340,19	-5312,990
62+0,00	0,11	1,10	5,96	14,09	33,16	5354,28	-5321,120
63+0,00	0,00	2,25	1,14	33,47	34,30	5387,75	-5353,450
64+0,00	0,00	3,40	0,00	56,45	34,30	5444,20	-5409,900
65+0,00	0,00	3,23	0,00	66,29	34,30	5510,49	-5476,190
66+0,00	0,00	3,51	0,00	67,62	34,30	5578,11	-5543,810
67+0,00	0,00	5,74	0,00	92,49	34,30	5670,60	-5636,300
68+0,00	0,00	4,41	0,00	101,49	34,30	5772,09	-5737,790
69+0,00	0,00	4,34	0,00	87,66	34,30	5859,75	-5825,450
70+0,00	0,00	3,43	0,00	77,76	34,30	5937,50	-5903,200
71+0,00	0,00	3,41	0,00	68,40	34,30	6005,90	-5971,600
72+0,00	0,00	3,43	0,00	68,40	34,30	6074,30	-6040,000
73+0,00	0,00	3,50	0,00	69,29	34,30	6143,60	-6109,300
74+0,00	0,00	3,75	0,00	72,48	34,30	6216,08	-6181,780
75+0,00	0,00	3,37	0,00	71,21	34,30	6287,28	-6252,980
76+0,00	0,00	3,56	0,00	69,24	34,30	6356,53	-6322,230
77+0,00	0,00	3,69	0,00	72,48	34,30	6429,00	-6394,700
78+0,00	0,00	4,03	0,00	77,18	34,30	6506,18	-6471,880
79+0,00	0,00	3,40	0,00	74,31	34,30	6580,49	-6546,190
80+0,00	0,00	3,54	0,00	69,46	34,30	6649,96	-6615,660
81+0,00	0,00	3,30	0,00	68,43	34,30	6718,39	-6684,090
82+0,00	0,00	3,23	0,00	65,32	34,30	6783,70	-6749,400
83+0,00	0,00	3,27	0,00	65,03	34,30	6848,73	-6814,430
84+0,00	0,00	3,13	0,00	63,96	34,30	6912,70	-6878,400
85+0,00	0,00	3,56	0,00	66,82	34,30	6979,51	-6945,210
86+0,00	0,00	5,09	0,00	86,50	34,30	7066,02	-7031,720
87+0,00	0,00	3,84	0,00	89,36	34,30	7155,38	-7121,080
88+0,00	0,00	3,28	0,00	71,21	34,30	7226,59	-7192,290
89+0,00	0,00	2,39	0,00	56,72	34,30	7283,31	-7249,010
90+0,00	0,00	3,34	0,00	57,72	34,30	7341,03	-7306,730
91+0,00	0,00	3,24	0,00	66,15	34,30	7407,18	-7372,880
92+0,00	0,00	2,33	0,00	55,87	34,30	7463,06	-7428,760
93+0,00	0,00	2,10	0,00	44,32	34,30	7507,38	-7473,080
94+0,00	0,00	1,92	0,00	39,98	34,30	7547,36	-7513,060
95+0,00	0,00	2,81	0,00	47,28	34,30	7594,64	-7560,340
96+0,00	0,00	3,28	0,00	60,94	34,30	7655,57	-7621,270
97+0,00	0,00	3,13	0,00	64,16	34,30	7719,73	-7685,430
98+0,00	0,00	3,86	0,00	69,91	34,30	7789,65	-7755,350
99+0,00	0,00	4,55	0,00	84,06	34,30	7873,71	-7839,410
100+0,00	0,00	3,66	0,00	82,12	34,30	7955,82	-7921,520
101+0,00	0,00	3,21	0,00	68,79	34,30	8024,61	-7990,310
102+0,00	0,00	2,16	0,00	53,73	34,30	8078,34	-8044,040
103+0,00	0,00	2,64	0,00	48,00	34,30	8126,34	-8092,040
104+0,00	0,00	3,60	0,00	62,40	34,30	8188,74	-8154,440
105+0,00	0,00	4,82	0,00	84,20	34,30	8272,94	-8238,640
106+0,00	0,00	4,59	0,00	94,12	34,30	8367,06	-8332,760
107+0,00	0,00	3,28	0,00	78,71	34,30	8445,77	-8411,470
108+0,00	0,00	4,11	0,00	73,89	34,30	8519,66	-8485,360
109+0,00	0,00	4,75	0,00	88,61	34,30	8608,27	-8573,970
110+0,00	0,00	4,77	0,00	95,25	34,30	8703,52	-8669,220
111+0,00	0,00	4,79	0,00	95,67	34,30	8799,19	-8764,890
112+0,00	0,00	4,59	0,00	93,78	34,30	8892,97	-8858,670
113+0,00	0,00	3,99	0,00	85,79	34,30	8978,76	-8944,460
114+0,00	0,00	3,39	0,00	73,84	34,30	9052,60	-9018,300
115+0,00	0,00	2,31	0,00	57,04	34,30	9109,65	-9075,350
116+0,00	0,00	0,70	0,02	30,11	34,32	9139,76	-9105,440
117+0,00	0,12	0,20	1,22	8,99	35,54	9148,75	-9113,210
118+0,00	0,24	0,01	3,64	2,15	39,17	9150,90	-9111,730

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
119+0,00	0,14	0,03	3,81	0,48	42,98	9151,37	-9108,390
120+0,00	0,00	1,69	1,38	17,27	44,36	9168,64	-9124,280
121+0,00	0,00	3,40	0,00	50,89	44,36	9219,53	-9175,170
122+0,00	0,00	5,78	0,00	91,73	44,36	9311,26	-9266,900
123+0,00	0,00	6,92	0,00	127,01	44,36	9438,27	-9393,910
124+0,00	0,00	6,85	0,00	137,73	44,36	9576,00	-9531,640
125+0,00	0,00	6,64	0,00	134,88	44,36	9710,88	-9666,520
126+0,00	0,00	5,92	0,00	125,65	44,36	9836,53	-9792,170
127+0,00	0,00	5,03	0,00	109,60	44,36	9946,13	-9901,770
128+0,00	0,00	4,42	0,00	94,55	44,36	10040,68	-9996,320
129+0,00	0,00	3,24	0,00	76,62	44,36	10117,30	-10072,940
130+0,00	0,00	2,93	0,00	61,76	44,36	10179,05	-10134,690
131+0,00	0,00	2,36	0,00	52,97	44,36	10232,02	-10187,660
132+0,00	0,00	3,12	0,00	54,83	44,36	10286,85	-10242,490
133+0,00	0,00	4,28	0,00	73,95	44,36	10360,80	-10316,440
134+0,00	0,00	6,07	0,00	103,47	44,36	10464,27	-10419,910
135+0,00	0,00	4,17	0,00	102,36	44,36	10566,63	-10522,270
136+0,00	0,00	2,95	0,00	71,14	44,36	10637,77	-10593,410
137+0,00	1,02	0,00	10,16	29,52	54,53	10667,29	-10612,760
138+0,00	5,11	0,00	61,29	0,00	115,82	10667,29	-10551,470
139+0,00	8,44	0,00	135,53	0,00	251,35	10667,29	-10415,940
140+0,00	11,30	0,00	197,37	0,00	448,73	10667,29	-10218,560
141+0,00	14,02	0,00	253,16	0,00	701,89	10667,29	-9965,400
142+0,00	15,27	0,00	292,86	0,00	994,75	10667,29	-9672,540
143+0,00	10,38	0,00	256,45	0,00	1251,20	10667,29	-9416,090
144+0,00	6,19	0,00	165,70	0,00	1416,90	10667,29	-9250,390
145+0,00	2,23	0,00	84,26	0,00	1501,16	10667,29	-9166,130
146+0,00	0,04	1,09	22,70	10,86	1523,86	10678,15	-9154,290
147+0,00	0,00	3,05	0,35	41,37	1524,22	10719,52	-9195,300
148+0,00	0,00	4,25	0,00	73,04	1524,22	10792,56	-9268,340
149+0,00	0,00	2,75	0,00	70,02	1524,22	10862,58	-9338,360
150+0,00	0,01	1,90	0,06	46,54	1524,28	10909,12	-9384,840
151+0,00	0,01	1,90	0,15	38,06	1524,43	10947,18	-9422,750
152+0,00	0,00	2,07	0,09	39,70	1524,52	10986,88	-9462,360
153+0,00	0,00	2,20	0,00	42,72	1524,52	11029,60	-9505,080
154+0,00	0,00	0,00	0,00	22,04	1524,52	11051,63	-9527,110
155+0,00	0,00	7,11	0,00	71,14	1524,52	11122,78	-9598,260
156+0,00	0,00	10,41	0,00	175,27	1524,52	11298,05	-9773,530
157+0,00	0,00	14,16	0,00	245,75	1524,52	11543,81	-10019,290
158+0,00	0,00	17,53	0,00	316,89	1524,52	11860,69	-10336,170
159+0,00	0,00	16,98	0,00	345,10	1524,52	12205,79	-10681,270
160+0,00	0,00	15,76	0,00	327,43	1524,52	12533,22	-11008,700
161+0,00	0,00	12,49	0,00	282,45	1524,52	12815,67	-11291,150
162+0,00	0,00	8,89	0,00	213,80	1524,52	13029,47	-11504,950
163+0,00	0,00	5,59	0,00	144,83	1524,52	13174,30	-11649,780
164+0,00	0,00	3,66	0,00	92,52	1524,52	13266,81	-11742,290
165+0,00	0,00	2,96	0,00	66,25	1524,52	13333,06	-11808,540
166+0,00	0,00	1,60	0,00	45,74	1524,52	13378,79	-11854,270
167+0,00	0,00	1,79	0,00	33,94	1524,52	13412,73	-11888,210
168+0,00	0,00	3,25	0,00	50,56	1524,52	13463,29	-11938,770
169+0,00	0,00	3,99	0,00	72,42	1524,52	13535,72	-12011,200
170+0,00	0,00	4,19	0,00	81,83	1524,52	13617,55	-12093,030
171+0,00	0,00	3,49	0,00	76,78	1524,52	13694,33	-12169,810
172+0,00	0,00	3,50	0,00	69,94	1524,52	13764,27	-12239,750
173+0,00	0,00	3,44	0,00	69,42	1524,52	13833,68	-12309,160
174+0,00	0,00	2,45	0,00	58,88	1524,52	13892,57	-12368,050
175+0,00	0,00	2,42	0,00	48,72	1524,52	13941,29	-12416,770
176+0,00	0,00	3,26	0,00	56,85	1524,52	13998,14	-12473,620
177+0,00	0,00	3,50	0,00	67,61	1524,52	14065,75	-12541,230
178+0,00	0,00	3,83	0,00	73,30	1524,52	14139,05	-12614,530
179+0,00	0,00	3,80	0,00	76,25	1524,52	14215,30	-12690,780
180+0,00	0,00	1,92	0,00	57,18	1524,52	14272,49	-12747,970
181+0,00	0,91	0,00	9,14	19,23	1533,66	14291,72	-12758,060
182+0,00	0,33	0,16	12,39	1,57	1546,06	14293,28	-12747,220

Cristóbal Leoncio da Silva Neto
Diretor da Unidade de Projetos
Projetos e Obras - DUP
Secretaria

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
183+0,00	0,00	0,97	3,36	11,20	1549,41	14304,48	-12755,070
184+0,00	0,00	1,97	0,00	29,47	1549,41	14333,95	-12784,540
185+0,00	0,00	3,27	0,00	52,33	1549,41	14386,28	-12836,870
186+0,00	0,00	3,33	0,00	66,00	1549,41	14452,28	-12902,870
187+0,00	0,00	3,59	0,00	69,09	1549,41	14521,36	-12971,950
188+0,00	0,00	4,79	0,00	83,70	1549,41	14605,06	-13055,650
189+0,00	0,00	5,55	0,00	103,34	1549,41	14708,40	-13158,990
190+0,00	0,00	3,11	0,00	86,55	1549,41	14794,95	-13245,540
191+0,00	0,00	3,61	0,00	67,22	1549,41	14862,17	-13312,760
192+0,00	0,00	2,54	0,00	61,49	1549,41	14923,66	-13374,250
193+0,00	0,07	1,45	0,70	39,87	1550,11	14963,53	-13413,420
194+0,00	0,33	0,87	3,99	23,20	1554,10	14986,73	-13432,630
195+0,00	0,00	2,67	3,27	35,57	1557,37	15022,30	-13464,930
196+0,00	0,00	3,36	0,00	60,32	1557,37	15082,63	-13525,260
197+0,00	0,00	3,54	0,00	69,08	1557,37	15151,70	-13594,330
198+0,00	0,00	3,28	0,00	68,15	1557,37	15219,85	-13662,480
199+0,00	0,00	3,29	0,00	65,69	1557,37	15285,54	-13728,170
200+0,00	0,00	4,04	0,00	74,97	1557,37	15360,51	-13803,140
201+0,00	0,00	3,36	0,00	74,42	1557,37	15434,94	-13877,570
202+0,00	0,00	3,25	0,00	66,10	1557,37	15501,04	-13943,670
203+0,00	0,00	2,61	0,00	58,58	1557,37	15559,62	-14002,250
204+0,00	0,43	0,65	4,30	32,73	1561,66	15592,35	-14030,690
205+0,00	2,12	0,00	25,58	6,49	1587,24	15598,83	-14011,590
206+0,00	2,06	0,00	41,88	0,00	1629,12	15598,83	-13969,710
207+0,00	0,22	0,34	22,80	3,41	1651,92	15602,24	-13950,320
208+0,00	0,00	2,06	2,17	24,04	1654,09	15626,29	-13972,200
209+0,00	0,00	3,39	0,00	54,57	1654,09	15680,86	-14026,770
210+0,00	0,00	6,23	0,00	96,21	1654,09	15777,07	-14122,980
211+0,00	0,00	7,04	0,00	132,69	1654,09	15909,76	-14255,670
212+0,00	0,00	6,66	0,00	137,04	1654,09	16046,80	-14392,710
213+0,00	0,00	5,08	0,00	117,39	1654,09	16164,19	-14510,100
214+0,00	0,00	3,79	0,00	88,61	1654,09	16252,80	-14598,710
215+0,00	0,00	3,25	0,00	70,33	1654,09	16323,13	-14669,040
216+0,00	0,00	3,49	0,00	67,39	1654,09	16390,52	-14736,430
217+0,00	0,00	3,37	0,00	68,60	1654,09	16459,13	-14805,040
218+0,00	0,05	0,63	0,47	39,98	1654,56	16499,11	-14844,550
219+0,00	0,24	0,05	2,84	6,73	1657,39	16505,84	-14848,450
220+0,00	0,00	1,06	2,37	11,04	1659,76	16516,88	-14857,120
221+0,00	0,00	3,50	0,00	45,53	1659,76	16562,41	-14902,650
222+0,00	0,00	3,42	0,00	69,17	1659,76	16631,58	-14971,820
223+0,00	0,00	3,35	0,00	67,66	1659,76	16699,24	-15039,480
224+0,00	0,00	3,34	0,00	66,91	1659,76	16766,15	-15106,390
225+0,00	0,00	3,64	0,00	69,86	1659,76	16836,01	-15176,250
226+0,00	0,00	5,24	0,00	88,84	1659,76	16924,85	-15265,090
227+0,00	0,00	4,82	0,00	100,59	1659,76	17025,44	-15365,680
228+0,00	0,00	4,33	0,00	91,46	1659,76	17116,90	-15457,140
229+0,00	0,00	3,41	0,00	77,43	1659,76	17194,32	-15534,560
230+0,00	0,00	3,47	0,00	68,85	1659,76	17263,18	-15603,420
231+0,00	0,00	2,71	0,00	61,85	1659,76	17325,03	-15665,270
232+0,00	2,07	0,00	21,00	26,86	1680,77	17351,89	-15671,120
233+0,00	1,35	0,00	34,17	0,00	1714,94	17351,89	-15636,950
234+0,00	0,57	0,27	19,21	2,68	1734,14	17354,57	-15620,430
235+0,00	0,00	2,62	5,70	28,94	1739,85	17383,52	-15643,670
236+0,00	0,00	3,58	0,00	62,07	1739,85	17445,59	-15705,740
237+0,00	0,00	6,93	0,00	105,15	1739,85	17550,74	-15810,890
238+0,00	0,00	4,41	0,00	113,41	1739,85	17664,15	-15924,300
239+0,00	0,00	3,06	0,00	74,68	1739,85	17738,82	-15998,970
240+0,00	0,00	3,82	0,00	68,94	1739,85	17807,76	-16067,910
241+0,00	0,00	3,32	0,00	71,47	1739,85	17879,23	-16139,380
242+0,00	0,00	1,95	0,00	52,75	1739,85	17931,98	-16192,130
243+0,00	0,00	3,17	0,00	51,17	1739,85	17983,15	-16243,300
244+0,00	0,00	3,37	0,00	65,36	1739,85	18048,50	-16308,650
245+0,00	0,00	1,09	0,00	44,64	1739,85	18093,15	-16353,300
246+0,00	0,00	1,15	0,00	22,46	1739,85	18115,60	-16375,750

Osvaldo Leoncio da Si
Diretor de Obras
Prefeitura
Sec. de

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
247+0,00	0,00	1,68	0,00	28,27	1739,85	18143,88	-16404,030
248+0,00	0,00	3,32	0,00	49,92	1739,85	18193,79	-16453,940
249+0,00	0,00	3,55	0,00	69,14	1739,85	18262,94	-16523,090
250+0,00	0,00	3,42	0,00	69,69	1739,85	18332,63	-16592,780
251+0,00	0,00	3,34	0,00	68,05	1739,85	18400,68	-16660,830
252+0,00	0,00	0,00	0,00	33,41	1739,85	18434,09	-16694,240
253+0,00	0,00	3,56	0,00	35,65	1739,85	18469,74	-16729,890
254+0,00	0,00	3,54	0,00	71,06	1739,85	18540,80	-16800,950
255+0,00	0,00	3,81	0,00	73,48	1739,85	18614,27	-16874,420
256+0,00	0,00	0,00	0,00	38,07	1739,85	18652,34	-16912,490
257+0,00	0,00	3,25	0,00	32,55	1739,85	18684,89	-16945,040
258+0,00	0,00	4,00	0,00	72,56	1739,85	18757,46	-17017,610
259+0,00	0,01	3,46	0,07	73,47	1739,92	18830,93	-17091,010
260+0,00	0,00	3,99	0,07	73,69	1739,99	18904,61	-17164,620
261+0,00	0,01	3,43	0,13	74,15	1740,12	18978,76	-17238,640
262+0,00	0,22	0,00	2,31	34,25	1742,43	19013,01	-17270,580
263+0,00	0,00	1,63	2,19	16,34	1744,62	19029,36	-17284,740
264+0,00	0,30	1,52	3,04	31,54	1747,65	19060,90	-17313,250
265+0,00	0,00	1,52	3,04	30,35	1750,69	19091,25	-17340,560
266+0,00	0,00	2,65	0,00	40,43	1750,69	19131,68	-17380,990
267+0,00	0,00	3,45	0,00	61,29	1750,69	19192,97	-17442,280
268+0,00	0,00	3,40	0,00	68,27	1750,69	19261,23	-17510,540
269+0,00	0,00	3,46	0,00	68,23	1750,69	19329,46	-17578,770
270+0,00	0,00	3,45	0,00	68,82	1750,69	19398,28	-17647,590
271+0,00	0,00	3,43	0,00	68,82	1750,69	19467,10	-17716,410
272+0,00	0,00	2,84	0,00	62,56	1750,69	19529,67	-17778,980
273+0,00	0,00	3,13	0,00	59,52	1750,69	19589,19	-17838,500
274+0,00	0,00	2,90	0,00	60,22	1750,69	19649,41	-17898,720
275+0,00	0,00	2,77	0,00	56,56	1750,69	19705,97	-17955,280
276+0,00	0,00	3,15	0,00	59,16	1750,69	19765,13	-18014,440
277+0,00	0,00	3,29	0,00	64,34	1750,69	19829,47	-18078,780
278+0,00	0,00	2,82	0,00	61,11	1750,69	19890,58	-18139,890
279+0,00	0,00	3,26	0,00	60,56	1750,69	19951,14	-18200,450
280+0,00	0,00	3,38	0,00	66,43	1750,69	20017,56	-18266,870
281+0,00	0,00	3,97	0,00	73,58	1750,69	20091,14	-18340,450
282+0,00	0,00	3,54	0,00	75,48	1750,69	20166,62	-18415,930
283+0,00	0,00	3,60	0,00	71,53	1750,69	20238,15	-18487,460
284+0,00	0,00	3,14	0,00	67,45	1750,69	20305,60	-18554,910
285+0,00	0,00	1,27	0,00	44,19	1750,69	20349,79	-18599,100
286+0,00	0,01	0,52	0,06	17,99	1750,75	20367,77	-18617,020
287+0,00	0,00	0,78	0,06	13,04	1750,81	20380,82	-18630,010
288+0,00	0,00	1,93	0,00	27,13	1750,81	20407,95	-18657,140
289+0,00	0,00	3,21	0,00	51,42	1750,81	20459,37	-18708,560
290+0,00	0,00	3,43	0,00	66,46	1750,81	20525,84	-18775,030
291+0,00	0,00	3,34	0,00	67,71	1750,81	20593,55	-18842,740
292+0,00	0,00	2,66	0,00	60,00	1750,81	20653,54	-18902,730
293+0,00	0,00	3,38	0,00	60,39	1750,81	20713,94	-18963,130
294+0,00	0,00	3,44	0,00	68,14	1750,81	20782,08	-19031,270
295+0,00	0,00	3,48	0,00	69,22	1750,81	20851,30	-19100,490
296+0,00	0,00	2,93	0,00	63,76	1750,81	20915,06	-19164,250
297+0,00	0,00	2,09	0,00	50,19	1750,81	20965,25	-19214,440
298+0,00	0,00	1,40	0,00	34,92	1750,81	21000,17	-19249,360
299+0,00	0,00	1,02	0,00	24,17	1750,81	21024,34	-19273,530
300+0,00	0,00	1,19	0,00	22,12	1750,81	21046,46	-19295,650
301+0,00	0,00	1,66	0,00	28,49	1750,81	21074,95	-19324,140
302+0,00	0,00	2,38	0,00	40,43	1750,81	21115,38	-19364,570
303+0,00	0,00	3,11	0,00	54,92	1750,81	21170,30	-19419,490
304+0,00	0,00	3,51	0,00	66,19	1750,81	21236,49	-19485,680
305+0,00	0,00	3,21	0,00	67,06	1750,81	21303,55	-19552,740
306+0,00	0,00	2,06	0,00	52,67	1750,81	21356,22	-19605,410
307+0,00	0,00	1,98	0,00	40,39	1750,81	21396,61	-19645,800
308+0,00	0,00	3,17	0,00	51,49	1750,81	21448,11	-19697,300
309+0,00	0,00	3,89	0,00	70,59	1750,81	21518,70	-19767,890
310+0,00	0,00	4,68	0,00	85,72	1750,81	21604,42	-19853,610

Gerência de Licenciamento
Projetos e Obras
Secretaria de

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
311+0,00	0,00	3,78	0,00	84,67	1750,81	21689,09	-19938,280
312+0,00	0,00	3,37	0,00	71,47	1750,81	21760,56	-20009,750
313+0,00	0,00	3,37	0,00	67,53	1750,81	21828,09	-20077,280
314+0,00	0,00	3,32	0,00	67,06	1750,81	21895,15	-20144,340
315+0,00	0,00	3,11	0,00	64,34	1750,81	21959,48	-20208,670
316+0,00	0,00	3,45	0,00	65,67	1750,81	22025,16	-20274,350
317+0,00	0,00	3,54	0,00	69,87	1750,81	22095,03	-20344,220
318+0,00	0,00	3,46	0,00	69,72	1750,81	22164,75	-20413,940
319+0,00	0,00	3,57	0,00	70,26	1750,81	22235,00	-20484,190
320+0,00	0,00	3,40	0,00	69,46	1750,81	22304,46	-20553,650
321+0,00	0,00	3,50	0,00	68,99	1750,81	22373,45	-20622,640
322+0,00	0,00	3,15	0,00	66,29	1750,81	22439,74	-20688,930
323+0,00	0,00	4,18	0,00	73,16	1750,81	22512,89	-20762,080
324+0,00	0,00	6,51	0,00	106,85	1750,81	22619,74	-20868,930
325+0,00	0,00	4,14	0,00	106,43	1750,81	22726,17	-20975,360
326+0,00	0,00	3,19	0,00	73,20	1750,81	22799,38	-21048,570
327+0,00	0,00	3,26	0,00	64,20	1750,81	22863,57	-21112,760
328+0,00	0,00	3,43	0,00	66,67	1750,81	22930,24	-21179,430
329+0,00	0,00	4,08	0,00	74,95	1750,81	23005,19	-21254,380
330+0,00	0,00	3,45	0,00	75,25	1750,81	23080,44	-21329,630
331+0,00	0,00	3,34	0,00	67,88	1750,81	23148,32	-21397,510
332+0,00	0,00	3,45	0,00	68,40	1750,81	23216,71	-21465,900
333+0,00	0,00	3,36	0,00	68,22	1750,81	23284,93	-21534,120
334+0,00	0,00	3,50	0,00	68,40	1750,81	23353,33	-21602,520
335+0,00	0,00	3,19	0,00	66,62	1750,81	23419,95	-21669,140
336+0,00	0,00	3,07	0,00	62,38	1750,81	23482,33	-21731,520
337+0,00	0,00	3,35	0,00	64,40	1750,81	23546,73	-21795,920
338+0,00	0,00	3,47	0,00	68,19	1750,81	23614,92	-21864,110
339+0,00	0,00	3,21	0,00	66,81	1750,81	23681,74	-21930,930
340+0,00	0,00	3,05	0,00	62,37	1750,81	23744,11	-21993,300
341+0,00	0,00	2,95	0,00	59,95	1750,81	23804,06	-22053,250
342+0,00	0,00	2,32	0,00	52,55	1750,81	23856,61	-22105,800
343+0,00	0,00	2,29	0,00	46,05	1750,81	23902,65	-22151,840
344+0,00	0,00	2,37	0,00	46,47	1750,81	23949,13	-22198,320
345+0,00	0,00	3,03	0,00	54,01	1750,81	24003,14	-22252,330
346+0,00	0,00	3,40	0,00	64,31	1750,81	24067,44	-22316,630
347+0,00	0,00	3,67	0,00	70,74	1750,81	24138,18	-22387,370
348+0,00	0,70	0,00	7,06	36,87	1757,87	24175,05	-22417,180
349+0,00	3,93	0,00	46,33	0,00	1804,20	24175,05	-22370,850
350+0,00	6,78	0,00	107,16	0,00	1911,36	24175,05	-22263,690
351+0,00	5,03	0,00	118,09	0,00	2029,45	24175,05	-22145,600
352+0,00	3,33	0,00	83,57	0,00	2113,02	24175,05	-22062,030
353+0,00	1,81	0,11	51,40	1,13	2164,42	24176,19	-22011,770
354+0,00	0,45	2,06	22,64	21,68	2187,06	24197,87	-22010,810
355+0,00	0,00	4,69	4,55	67,43	2191,61	24265,30	-22073,690
356+0,00	0,00	0,00	0,00	46,88	2191,61	24312,18	-22120,570
357+0,00	0,00	3,86	0,01	38,82	2191,62	24351,00	-22159,380
358+0,00	0,00	4,13	0,01	79,93	2191,63	24430,93	-22239,300
359+0,00	0,01	3,30	0,07	74,34	2191,70	24505,27	-22313,570
360+0,00	0,00	3,47	0,07	68,45	2191,77	24573,72	-22381,950
361+0,00	0,00	3,68	0,00	71,50	2191,77	24645,22	-22453,450
362+0,00	0,00	3,57	0,00	72,95	2191,77	24718,16	-22526,390
363+0,00	0,00	3,75	0,00	73,22	2191,77	24791,38	-22599,610
364+0,00	0,00	4,22	0,00	79,89	2191,77	24871,28	-22679,510
365+0,00	0,00	3,76	0,00	79,81	2191,77	24951,09	-22759,320
366+0,00	0,00	3,41	0,00	71,74	2191,77	25022,83	-22831,060
367+0,00	0,00	3,20	0,00	66,15	2191,77	25088,98	-22897,210
368+0,00	0,00	3,38	0,00	65,84	2191,77	25154,82	-22963,050
369+0,00	0,00	3,45	0,00	68,33	2191,77	25223,14	-23031,370
370+0,00	0,00	3,25	0,00	66,99	2191,77	25290,13	-23098,360
371+0,00	0,21	1,14	2,07	43,97	2193,84	25334,10	-23140,260
372+0,00	0,04	1,48	2,51	26,21	2196,35	25360,31	-23163,960
373+0,00	0,00	2,91	0,44	44,10	2196,79	25404,42	-23207,630
374+0,00	0,00	3,46	0,00	63,68	2196,79	25468,09	-23271,300

Visto da Licença da
Diretoria de
Projetos e Obras
Secretaria

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
375+0,00	0,00	3,45	0,00	69,04	2196,79	25537,13	-23340,340
376+0,00	0,00	3,90	0,00	73,98	2196,79	25611,11	-23414,320
377+0,00	0,00	4,14	0,00	80,45	2196,79	25691,57	-23494,780
378+0,00	0,00	4,01	0,00	81,54	2196,79	25773,10	-23576,310
379+0,00	0,00	3,45	0,00	74,32	2196,79	25847,42	-23650,630
380+0,00	0,00	3,60	0,00	70,47	2196,79	25917,90	-23721,110
381+0,00	0,00	4,79	0,00	83,82	2196,79	26001,72	-23804,930
382+0,00	0,00	4,13	0,00	89,14	2196,79	26090,85	-23894,060
383+0,00	0,00	3,71	0,00	78,34	2196,79	26169,20	-23972,410
384+0,00	0,00	2,36	0,00	60,61	2196,79	26229,81	-24033,020
385+0,00	0,20	0,81	1,99	31,39	2198,78	26261,20	-24062,420
386+0,00	0,09	0,83	2,83	16,35	2201,61	26277,56	-24075,950
387+0,00	0,00	1,96	0,90	27,75	2202,51	26305,31	-24102,800
388+0,00	0,00	3,93	0,00	58,93	2202,51	26364,23	-24161,720
389+0,00	0,00	7,10	0,00	110,23	2202,51	26474,47	-24271,960
390+0,00	0,00	9,31	0,00	164,09	2202,51	26638,56	-24436,050
391+0,00	0,00	9,97	0,00	192,75	2202,51	26831,31	-24628,800
392+0,00	0,00	7,71	0,00	176,73	2202,51	27008,04	-24805,530
393+0,00	0,00	3,72	0,00	114,28	2202,51	27122,32	-24919,810
394+0,00	0,00	3,23	0,00	69,64	2202,51	27191,96	-24989,450
395+0,00	0,00	3,29	0,00	65,21	2202,51	27257,17	-25054,660
396+0,00	0,00	3,48	0,00	67,69	2202,51	27324,85	-25122,340
397+0,00	0,00	3,50	0,00	69,76	2202,51	27394,61	-25192,100
398+0,00	0,00	2,50	0,00	59,99	2202,51	27454,60	-25252,090
399+0,00	0,00	2,76	0,00	52,62	2202,51	27507,22	-25304,710
400+0,00	0,00	3,94	0,00	66,80	2202,51	27574,02	-25371,510
401+0,00	0,00	5,00	0,00	89,39	2202,51	27663,41	-25460,900
402+0,00	0,00	6,24	0,00	112,38	2202,51	27775,79	-25573,280
403+0,00	0,00	4,22	0,00	104,41	2202,51	27880,20	-25677,690
404+0,00	0,00	3,14	0,00	73,70	2202,51	27953,90	-25751,390
405+0,00	0,00	3,26	0,00	63,91	2202,51	28017,81	-25815,300
406+0,00	0,00	3,49	0,00	67,56	2202,51	28085,37	-25882,860
407+0,00	0,00	3,53	0,00	70,24	2202,51	28155,61	-25953,100
408+0,00	0,00	3,34	0,00	68,95	2202,51	28224,56	-26022,050
409+0,00	0,00	2,51	0,00	58,52	2202,51	28283,09	-26080,580
410+0,00	0,03	1,93	0,29	44,46	2202,80	28327,54	-26124,740
411+0,00	0,00	3,31	0,30	52,00	2203,11	28379,54	-26176,430
412+0,00	0,00	3,99	0,00	72,89	2203,11	28452,43	-26249,320
413+0,00	0,00	2,96	0,00	69,76	2203,11	28522,19	-26319,080
414+0,00	0,00	3,45	0,00	64,08	2203,11	28586,27	-26383,160
415+0,00	0,00	3,53	0,00	69,18	2203,11	28655,44	-26452,330
416+0,00	0,00	3,34	0,00	68,86	2203,11	28724,30	-26521,190
417+0,00	0,00	3,25	0,00	65,84	2203,11	28790,14	-26587,030
418+0,00	0,00	2,64	0,00	58,84	2203,11	28848,98	-26645,870
419+0,00	0,00	2,67	0,00	53,07	2203,11	28902,05	-26698,940
420+0,00	0,00	2,81	0,00	54,30	2203,11	28956,35	-26753,240
421+0,00	0,00	3,33	0,00	61,38	2203,11	29017,73	-26814,620
422+0,00	0,00	3,69	0,00	69,74	2203,11	29087,48	-26884,370
423+0,00	0,00	3,62	0,00	73,05	2203,11	29160,52	-26957,410
424+0,00	0,00	4,09	0,00	77,13	2203,11	29237,66	-27034,550
425+0,00	0,00	3,67	0,00	77,67	2203,11	29315,33	-27112,220
426+0,00	0,00	3,38	0,00	70,56	2203,11	29385,88	-27182,770
427+0,00	0,00	3,42	0,00	68,06	2203,11	29453,94	-27250,830
428+0,00	0,00	3,25	0,00	66,72	2203,11	29520,66	-27317,550
429+0,00	0,00	3,45	0,00	66,94	2203,11	29587,60	-27384,490
430+0,00	0,00	3,45	0,00	68,99	2203,11	29656,59	-27453,480
431+0,00	0,00	3,99	0,00	74,52	2203,11	29731,12	-27528,010
432+0,00	0,00	8,74	0,00	127,38	2203,11	29858,49	-27655,380
433+0,00	0,00	8,24	0,00	169,84	2203,11	30028,34	-27825,230
434+0,00	0,00	7,36	0,00	156,02	2203,11	30184,36	-27981,250
435+0,00	0,00	5,12	0,00	124,76	2203,11	30309,12	-28106,010
436+0,00	0,00	3,81	0,00	89,29	2203,11	30398,40	-28195,290
437+0,00	0,00	2,78	0,00	65,91	2203,11	30464,31	-28261,200
438+0,00	0,00	3,40	0,00	61,83	2203,11	30526,14	-28323,030

Silva
Projetos Obras DUPPD
Secretaria das Cidades/Secid

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
439+0,00	0,00	3,47	0,00	68,64	2203,11	30594,78	-28391,670
440+0,00	0,00	3,43	0,00	68,93	2203,11	30663,71	-28460,600
441+0,00	0,00	3,42	0,00	68,44	2203,11	30732,16	-28529,050
442+0,00	0,00	3,46	0,00	68,82	2203,11	30800,98	-28597,870
443+0,00	0,00	3,63	0,00	70,94	2203,11	30871,92	-28668,810
444+0,00	0,00	3,24	0,00	68,74	2203,11	30940,66	-28737,550
445+0,00	0,00	3,56	0,00	68,05	2203,11	31008,71	-28805,600
446+0,00	0,00	4,68	0,00	82,57	2203,11	31091,27	-28888,160
447+0,00	0,00	4,41	0,00	91,25	2203,11	31182,52	-28979,410
448+0,00	0,00	3,30	0,00	77,08	2203,11	31259,60	-29056,490
449+0,00	0,00	3,66	0,00	69,81	2203,11	31329,41	-29126,300
450+0,00	0,00	3,47	0,00	71,27	2203,11	31400,68	-29197,570
451+0,00	0,00	3,47	0,00	68,75	2203,11	31469,43	-29266,320
452+0,00	0,00	3,44	0,00	68,79	2203,11	31538,22	-29335,110
453+0,00	0,00	3,17	0,00	66,44	2203,11	31604,66	-29401,550
454+0,00	0,00	2,86	0,00	60,33	2203,11	31664,99	-29461,880
455+0,00	0,00	0,00	0,00	28,84	2203,11	31693,83	-29490,720
456+0,00	0,00	2,16	0,00	21,57	2203,11	31715,40	-29512,290
457+0,00	0,00	2,62	0,00	47,51	2203,11	31762,91	-29559,800
458+0,00	0,00	1,51	0,00	41,29	2203,11	31804,20	-29601,090
459+0,00	0,00	1,49	0,00	29,52	2203,11	31833,71	-29630,600
460+0,00	0,03	0,88	0,33	23,55	2203,44	31857,26	-29653,820
461+0,00	0,00	1,23	0,33	21,05	2203,77	31878,31	-29674,540
462+0,00	0,00	1,20	0,00	24,26	2203,77	31902,56	-29698,790
463+0,00	0,00	3,08	0,00	42,83	2203,77	31945,40	-29741,630
464+0,00	0,00	3,21	0,00	62,89	2203,77	32008,29	-29804,520
465+0,00	0,00	3,32	0,00	65,34	2203,77	32073,63	-29869,860
466+0,00	0,00	3,21	0,00	65,35	2203,77	32138,98	-29935,210
467+0,00	0,00	3,47	0,00	66,84	2203,77	32205,82	-30002,050
468+0,00	0,00	3,65	0,00	71,16	2203,77	32276,98	-30073,210
469+0,00	0,00	3,57	0,00	72,14	2203,77	32349,12	-30145,350
470+0,00	0,00	3,78	0,00	73,71	2203,77	32422,83	-30219,060
471+0,00	0,00	3,42	0,00	72,06	2203,77	32494,89	-30291,120
472+0,00	0,00	3,38	0,00	68,34	2203,77	32563,23	-30359,460
473+0,00	0,00	3,46	0,00	68,54	2203,77	32631,77	-30428,000
474+0,00	0,00	4,03	0,00	75,17	2203,77	32706,94	-30503,170
475+0,00	0,00	4,22	0,00	82,57	2203,77	32789,51	-30585,740
476+0,00	0,00	4,29	0,00	85,11	2203,77	32874,62	-30670,850
477+0,00	0,00	4,01	0,00	82,99	2203,77	32957,62	-30753,850
478+0,00	0,00	3,61	0,00	76,25	2203,77	33033,87	-30830,100
479+0,00	0,00	3,21	0,00	68,26	2203,77	33102,13	-30898,360
480+0,00	0,00	3,63	0,00	68,39	2203,77	33170,51	-30966,740
481+0,00	0,00	3,42	0,00	70,43	2203,77	33240,94	-31037,170
482+0,00	0,00	3,33	0,00	67,43	2203,77	33308,37	-31104,600
483+0,00	0,00	4,87	0,00	82,00	2203,77	33390,37	-31186,600
484+0,00	0,00	6,29	0,00	111,65	2203,77	33502,02	-31298,250
485+0,00	0,00	4,47	0,00	107,58	2203,77	33609,60	-31405,830
486+0,00	0,00	3,66	0,00	81,24	2203,77	33690,84	-31487,070
487+0,00	0,00	3,49	0,00	71,53	2203,77	33762,36	-31558,590
488+0,00	0,00	3,74	0,00	72,32	2203,77	33834,68	-31630,910
489+0,00	0,01	1,68	0,08	54,14	2203,85	33888,83	-31684,980
490+0,00	0,00	3,26	0,08	49,89	2203,93	33938,72	-31734,790
491+0,00	0,00	2,66	0,00	59,24	2203,93	33997,96	-31794,030
492+0,00	0,00	3,15	0,00	58,28	2203,93	34056,24	-31852,310
493+0,00	0,00	3,05	0,00	61,95	2203,93	34118,19	-31914,260
494+0,00	0,00	3,28	0,00	63,04	2203,93	34181,23	-31977,300
495+0,00	0,00	4,23	0,00	75,10	2203,93	34256,33	-32052,400
496+0,00	0,00	5,50	0,00	97,25	2203,93	34353,58	-32149,650
497+0,00	0,00	5,93	0,00	113,84	2203,93	34467,43	-32263,500
498+0,00	0,00	3,78	0,00	97,13	2203,93	34564,55	-32360,620
499+0,00	0,00	3,42	0,00	72,01	2203,93	34636,56	-32432,630
500+0,00	0,00	3,40	0,00	68,19	2203,93	34704,75	-32500,820
501+0,00	0,00	3,43	0,00	68,31	2203,93	34773,06	-32569,130
502+0,00	0,00	3,69	0,00	71,24	2203,93	34844,30	-32640,370

Gerência Executiva de
Diretoria de Unidade
Projetos e Obras (DUPO)
Secretaria das Cidades (Secid)

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
503+0,00	0,00	4,70	0,00	83,96	2203,93	34928,26	-32724,330
504+0,00	0,00	5,13	0,00	98,39	2203,93	35026,65	-32822,720
505+0,00	0,00	5,00	0,00	101,33	2203,93	35127,98	-32924,050
506+0,00	0,00	4,25	0,00	92,43	2203,93	35220,41	-33016,480
507+0,00	0,00	3,58	0,00	78,25	2203,93	35298,66	-33094,730
508+0,00	0,00	3,49	0,00	70,71	2203,93	35369,37	-33165,440
509+0,00	0,00	3,22	0,00	67,11	2203,93	35436,48	-33232,550
510+0,00	0,00	1,90	0,00	51,18	2203,93	35487,66	-33283,730
511+0,00	0,00	2,34	0,00	42,36	2203,93	35530,02	-33326,090
512+0,00	0,00	3,48	0,00	58,17	2203,93	35588,19	-33384,260
513+0,00	0,00	3,17	0,00	66,54	2203,93	35654,73	-33450,800
514+0,00	0,00	2,92	0,00	60,99	2203,93	35715,72	-33511,790
515+0,00	0,00	2,43	0,00	53,55	2203,93	35769,27	-33565,340
516+0,00	0,00	2,60	0,00	50,35	2203,93	35819,62	-33615,690
517+0,00	0,00	3,09	0,00	56,91	2203,93	35876,53	-33672,600
518+0,00	0,00	3,38	0,00	64,64	2203,93	35941,16	-33737,230
519+0,00	0,00	3,84	0,00	72,21	2203,93	36013,37	-33809,440
520+0,00	0,00	4,11	0,00	79,57	2203,93	36092,94	-33889,010
521+0,00	0,00	3,53	0,00	76,45	2203,93	36169,39	-33965,460
522+0,00	0,00	3,30	0,00	68,32	2203,93	36237,71	-34033,780
523+0,00	0,00	3,28	0,00	65,85	2203,93	36303,55	-34099,620
524+0,00	0,00	3,46	0,00	67,43	2203,93	36370,98	-34167,050
525+0,00	0,00	3,62	0,00	70,78	2203,93	36441,77	-34237,840
526+0,00	0,00	3,52	0,00	71,34	2203,93	36513,10	-34309,170
527+0,00	0,00	3,58	0,00	70,99	2203,93	36584,09	-34380,160
528+0,00	0,00	3,19	0,00	67,73	2203,93	36651,83	-34447,900
529+0,00	0,00	4,92	0,00	81,11	2203,93	36732,94	-34529,010
530+0,00	0,00	5,79	0,00	107,11	2203,93	36840,04	-34636,110
531+0,00	0,00	6,28	0,00	120,69	2203,93	36960,74	-34756,810
532+0,00	0,00	5,44	0,00	117,23	2203,93	37077,97	-34874,040
533+0,00	0,00	4,44	0,00	98,84	2203,93	37176,81	-34972,880
534+0,00	0,00	3,19	0,00	76,34	2203,93	37253,15	-35049,220
535+0,00	0,05	1,56	0,50	47,55	2204,44	37300,70	-35096,260
536+0,00	0,85	0,18	9,02	17,41	2213,46	37318,11	-35104,650
537+0,00	1,81	0,00	26,62	1,79	2240,08	37319,90	-35079,820
538+0,00	2,67	0,00	44,79	0,00	2284,87	37319,90	-35035,030
539+0,00	0,05	0,82	27,14	8,22	2312,01	37328,12	-35016,110
540+0,00	0,00	3,12	0,47	39,39	2312,48	37367,51	-35055,030
541+0,00	0,00	3,23	0,00	63,51	2312,48	37431,02	-35118,540
542+0,00	0,00	3,27	0,00	65,06	2312,48	37496,08	-35183,600
543+0,00	0,00	4,00	0,00	72,69	2312,48	37568,77	-35256,290
544+0,00	0,00	5,89	0,00	98,91	2312,48	37667,68	-35355,200
545+0,00	0,00	5,88	0,00	117,77	2312,48	37785,44	-35472,960
546+0,00	0,00	5,13	0,00	110,15	2312,48	37895,60	-35583,120
547+0,00	0,00	3,91	0,00	90,40	2312,48	37986,00	-35673,520
548+0,00	0,00	3,36	0,00	72,64	2312,48	38058,64	-35746,160
549+0,00	0,00	1,16	0,00	45,20	2312,48	38103,83	-35791,350
550+0,00	1,94	0,00	19,37	11,64	2331,84	38115,47	-35783,630
551+0,00	3,72	0,00	56,56	0,00	2388,40	38115,47	-35727,070
552+0,00	3,63	0,00	73,46	0,00	2461,86	38115,47	-35653,610
553+0,00	3,35	0,00	69,78	0,00	2531,64	38115,47	-35583,830
554+0,00	1,03	0,35	43,77	3,46	2575,42	38118,93	-35543,510
555+0,00	0,08	2,09	11,03	24,36	2586,45	38143,30	-35556,850
556+0,00	0,00	3,34	0,77	54,28	2587,22	38197,58	-35610,360
557+0,00	0,00	3,24	0,00	65,77	2587,22	38263,34	-35676,120
558+0,00	0,00	2,77	0,00	60,12	2587,22	38323,47	-35736,250
559+0,00	0,00	2,76	0,00	55,36	2587,22	38378,83	-35791,610
560+0,00	0,00	2,00	0,00	47,80	2587,22	38426,63	-35839,410
561+0,00	0,10	0,75	1,01	27,56	2588,22	38454,18	-35865,960
562+0,00	0,01	1,20	1,08	19,49	2589,31	38473,67	-35884,360
563+0,00	0,00	2,50	0,08	37,02	2589,39	38510,69	-35921,300
564+0,00	0,00	3,57	0,00	60,78	2589,39	38571,48	-35982,090
565+0,00	0,00	2,93	0,00	65,05	2589,39	38636,52	-36047,130
566+0,00	0,02	1,79	0,24	47,23	2589,63	38683,75	-36094,120

Osvaldo Leôncio [illegible] Filho
Diretor do Departamento [illegible]
Projetos e Obras [illegible]
Secretaria [illegible]

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
567+0,00	0,08	1,59	1,09	33,82	2590,72	38717,57	-36126,850
568+0,00	0,02	2,56	1,03	41,48	2591,75	38759,05	-36167,300
569+0,00	0,00	3,12	0,19	56,82	2591,94	38815,87	-36223,930
570+0,00	0,00	3,08	0,00	61,99	2591,94	38877,87	-36285,930
571+0,00	0,15	1,46	1,50	45,33	2593,44	38923,20	-36329,760
572+0,00	0,72	0,53	8,88	19,61	2602,33	38942,81	-36340,480
573+0,00	1,11	0,18	18,34	7,15	2620,66	38949,96	-36329,300
574+0,00	1,70	0,11	28,79	2,85	2649,45	38952,81	-36303,360
575+0,00	1,92	0,11	36,24	2,25	2685,69	38955,07	-36269,380
576+0,00	1,34	0,34	32,61	4,50	2718,30	38959,57	-36241,270
577+0,00	0,69	1,26	19,98	16,15	2738,28	38975,72	-36237,440
578+0,00	0,10	2,76	7,90	40,21	2746,18	39015,93	-36269,750
579+0,00	0,00	3,58	1,11	62,00	2747,29	39077,93	-36330,640
580+0,00	0,00	3,74	0,06	74,20	2747,35	39152,13	-36404,780
581+0,00	0,02	3,45	0,24	71,93	2747,59	39224,06	-36476,470
582+0,00	0,01	3,59	0,28	70,46	2747,87	39294,51	-36546,640
583+0,00	0,00	3,59	0,08	71,66	2747,95	39366,17	-36618,220
584+0,00	0,00	3,51	0,00	70,97	2747,95	39437,14	-36689,190
585+0,00	0,00	3,28	0,00	67,90	2747,95	39505,04	-36757,090
586+0,00	0,00	3,46	0,00	67,41	2747,95	39572,46	-36824,510
587+0,00	0,00	3,78	0,00	71,24	2747,95	39643,70	-36895,750
588+0,00	0,00	3,35	0,00	71,08	2747,95	39714,78	-36966,830
589+0,00	0,00	3,39	0,00	67,32	2747,95	39782,10	-37034,150
590+0,00	0,00	3,41	0,00	68,45	2747,95	39850,55	-37102,600
591+0,00	0,00	3,21	0,00	66,58	2747,95	39917,13	-37169,180
592+0,00	0,00	3,49	0,00	67,48	2747,95	39984,61	-37236,660
593+0,00	0,00	4,50	0,00	80,05	2747,95	40064,66	-37316,710
594+0,00	0,00	4,21	0,00	87,07	2747,95	40151,73	-37403,780
595+0,00	0,00	3,62	0,00	78,28	2747,95	40230,01	-37482,060
596+0,00	0,00	3,41	0,00	70,09	2747,95	40300,10	-37552,150
597+0,00	0,00	3,69	0,00	70,96	2747,95	40371,05	-37623,100
598+0,00	0,00	3,63	0,00	73,21	2747,95	40444,26	-37696,310
599+0,00	0,00	3,30	0,00	69,32	2747,95	40513,58	-37765,630
600+0,00	0,00	3,64	0,00	69,40	2747,95	40582,98	-37835,030
601+0,00	0,00	3,90	0,00	75,31	2747,95	40658,29	-37910,340
602+0,00	0,00	3,39	0,00	72,83	2747,95	40731,12	-37983,170
603+0,00	0,00	3,31	0,00	66,96	2747,95	40798,08	-38050,130
604+0,00	0,00	3,24	0,00	65,45	2747,95	40863,52	-38115,570
605+0,00	0,00	3,31	0,00	65,49	2747,95	40929,01	-38181,060
606+0,00	0,00	3,16	0,00	64,69	2747,95	40993,70	-38245,750
607+0,00	0,00	3,07	0,00	62,20	2747,95	41055,90	-38307,950
608+0,00	0,00	3,34	0,00	64,14	2747,95	41120,04	-38372,090
609+0,00	0,00	2,78	0,00	61,26	2747,95	41181,30	-38433,350
610+0,00	0,00	3,14	0,00	59,15	2747,95	41240,44	-38492,490
611+0,00	0,00	2,98	0,00	61,15	2747,95	41301,59	-38553,640
612+0,00	0,07	2,17	0,72	50,82	2748,67	41352,41	-38603,740
613+0,00	0,00	3,33	0,70	55,05	2749,36	41407,46	-38658,100
614+0,00	0,00	3,01	0,01	64,18	2749,37	41471,64	-38722,270
615+0,00	0,00	3,16	0,01	61,72	2749,38	41533,36	-38783,980
616+0,00	0,00	2,73	0,00	59,36	2749,38	41592,71	-38843,330
617+0,00	0,06	1,24	0,64	39,67	2750,02	41632,38	-38882,360
618+0,00	0,00	2,62	0,64	38,62	2750,66	41671,00	-38920,340
619+0,00	0,00	2,15	0,00	47,67	2750,66	41718,67	-38968,010
620+0,00	0,00	3,17	0,00	53,35	2750,66	41772,02	-39021,360
621+0,00	0,00	3,17	0,00	63,38	2750,66	41835,39	-39084,730
622+0,00	0,00	3,03	0,00	61,49	2750,66	41896,89	-39146,230
623+0,00	0,00	2,80	0,00	58,60	2750,66	41955,49	-39204,830
624+0,00	0,00	2,70	0,00	54,76	2750,66	42010,25	-39259,590
625+0,00	0,00	2,14	0,00	48,49	2750,66	42058,74	-39308,080
626+0,00	0,00	3,13	0,00	52,76	2750,66	42111,50	-39360,840
627+0,00	0,00	3,29	0,00	63,88	2750,66	42175,38	-39424,720
628+0,00	0,00	3,12	0,00	63,77	2750,66	42239,15	-39488,490
629+0,00	0,00	2,66	0,00	57,56	2750,66	42296,71	-39546,050
630+0,00	0,00	2,98	0,00	56,00	2750,66	42352,70	-39602,040

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
631+0,00	0,00	3,31	0,00	62,65	2750,66	42415,35	-39664,690
632+0,00	0,00	3,43	0,00	67,40	2750,66	42482,76	-39732,100
633+0,00	0,00	3,81	0,00	72,69	2750,66	42555,45	-39804,790
634+0,00	0,00	3,20	0,00	70,91	2750,66	42626,36	-39875,700
635+0,00	0,00	3,29	0,00	64,87	2750,66	42691,23	-39940,570
636+0,00	0,00	3,47	0,00	67,27	2750,66	42758,51	-40007,850
637+0,00	0,00	3,35	0,00	68,17	2750,66	42826,67	-40076,010
638+0,00	0,00	4,20	0,00	73,72	2750,66	42900,39	-40149,730
639+0,00	0,00	6,80	0,00	110,08	2750,66	43010,46	-40259,800
640+0,00	0,00	5,92	0,00	127,19	2750,66	43137,66	-40387,000
641+0,00	0,00	4,28	0,00	101,51	2750,66	43239,17	-40488,510
642+0,00	0,00	3,24	0,00	75,19	2750,66	43314,36	-40563,700
643+0,00	0,00	3,27	0,00	65,11	2750,66	43379,47	-40628,810
644+0,00	0,00	3,13	0,00	64,54	2750,66	43444,01	-40693,350
645+0,00	0,18	0,84	1,79	39,66	2752,44	43483,67	-40731,230
646+0,00	0,19	1,07	3,70	19,12	2756,15	43502,79	-40746,640
647+0,00	0,04	2,01	2,30	30,79	2758,44	43533,58	-40775,140
648+0,00	0,00	4,81	0,38	68,31	2758,82	43601,89	-40843,070
649+0,00	0,00	4,84	0,00	96,46	2758,82	43698,35	-40939,530
650+0,00	0,00	6,45	0,00	112,90	2758,82	43811,24	-41052,420
651+0,00	0,00	6,06	0,00	125,14	2758,82	43936,38	-41177,560
652+0,00	0,20	1,62	1,98	77,30	2760,80	44013,68	-41252,880
653+0,00	0,60	1,34	8,07	29,59	2768,87	44043,27	-41274,400
654+0,00	0,68	1,54	12,86	28,81	2781,73	44072,08	-41290,350
655+0,00	0,51	1,14	11,91	26,77	2793,64	44098,84	-41305,200
656+0,00	0,03	3,23	5,36	43,68	2799,00	44142,52	-41343,520
657+0,00	0,00	3,53	0,27	67,62	2799,28	44210,15	-41410,870
658+0,00	0,00	3,65	0,00	71,82	2799,28	44281,97	-41482,690
659+0,00	0,04	3,65	0,39	72,83	2799,67	44354,79	-41555,120
660+0,00	0,00	4,17	0,39	78,16	2800,06	44432,95	-41632,890
661+0,00	0,08	2,87	0,83	70,33	2800,89	44503,29	-41702,400
662+0,00	0,59	1,37	6,71	42,32	2807,60	44545,61	-41738,010
663+0,00	2,05	0,20	26,39	15,63	2833,99	44561,24	-41727,250
664+0,00	2,62	0,13	46,69	3,22	2880,68	44564,47	-41683,790
665+0,00	2,68	0,16	52,94	2,86	2933,61	44567,32	-41633,710
666+0,00	0,99	1,27	36,68	14,31	2970,29	44581,64	-41611,350
667+0,00	0,11	3,12	10,99	43,87	2981,28	44625,50	-41644,220
668+0,00	0,02	4,25	1,30	73,62	2982,58	44699,13	-41716,550
669+0,00	0,01	4,34	0,30	85,84	2982,88	44784,97	-41802,090
670+0,00	0,07	3,64	0,77	79,77	2983,65	44864,73	-41881,080
671+0,00	0,16	2,91	2,32	65,47	2985,97	44930,20	-41944,230
672+0,00	0,45	2,33	6,16	52,08	2992,13	44982,29	-41990,160
673+0,00	0,51	2,13	9,59	44,59	3001,72	45026,87	-42025,150
674+0,00	0,00	3,24	5,16	53,70	3006,88	45080,58	-42073,700
675+0,00	0,00	3,66	0,03	70,07	3006,91	45150,65	-42143,740
676+0,00	0,00	3,83	0,01	74,81	3006,92	45225,45	-42218,530
677+0,00	0,07	3,85	0,67	76,77	3007,59	45302,22	-42294,630
678+0,00	0,00	5,22	0,67	90,20	3008,26	45392,42	-42384,160
679+0,00	0,00	0,00	0,00	52,20	3008,26	45444,62	-42436,360
680+0,00	0,00	5,74	0,00	57,39	3008,27	45502,01	-42493,740
681+0,00	0,00	6,43	0,00	121,66	3008,27	45623,66	-42615,390
682+0,00	0,00	5,60	0,00	120,30	3008,27	45743,96	-42735,690
683+0,00	0,21	3,60	2,12	91,98	3010,39	45835,94	-42825,550
684+0,00	0,10	3,58	3,11	71,74	3013,50	45907,68	-42894,180
685+0,00	0,07	3,71	1,67	72,92	3015,17	45980,60	-42965,430
686+0,00	0,00	5,27	0,71	88,43	3015,88	46069,03	-43053,150
687+0,00	0,00	7,53	0,00	127,94	3015,88	46196,97	-43181,090
688+0,00	0,00	0,00	0,00	76,03	3015,88	46273,00	-43257,120
689+0,00	0,01	4,63	0,07	47,38	3015,96	46320,38	-43304,420
690+0,00	0,17	3,33	1,82	79,58	3017,78	46399,96	-43382,180
691+0,00	0,35	3,12	5,17	64,70	3022,95	46464,66	-43441,710
692+0,00	0,22	2,91	5,68	60,34	3028,64	46525,00	-43496,360
693+0,00	0,22	2,91	4,45	58,24	3033,08	46583,23	-43550,150
694+0,00	0,00	0,00	2,23	29,11	3035,31	46612,34	-43577,030

Secretaria

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
695+0,00	0,00	4,55	0,00	45,49	3035,31	46657,83	-43622,520
696+0,00	0,00	6,18	0,00	107,06	3035,31	46764,89	-43729,580
697+0,00	0,00	6,85	0,00	130,30	3035,31	46895,19	-43859,880
698+0,00	0,00	6,11	0,00	129,88	3035,31	47025,07	-43989,760
699+0,00	0,00	3,63	0,00	98,33	3035,31	47123,40	-44088,090
700+0,00	0,00	3,24	0,00	68,73	3035,31	47192,14	-44156,830
701+0,00	0,00	2,97	0,00	62,14	3035,31	47254,28	-44218,970
702+0,00	0,00	2,66	0,00	56,51	3035,31	47310,79	-44275,480
703+0,00	0,00	3,62	0,00	62,77	3035,31	47373,56	-44338,250
704+0,00	0,00	3,95	0,00	75,69	3035,31	47449,25	-44413,940
705+0,00	0,00	3,46	0,00	74,08	3035,31	47523,33	-44488,020
706+0,00	0,00	3,51	0,00	69,46	3035,31	47592,79	-44557,480
707+0,00	0,00	3,61	0,00	71,22	3035,31	47664,01	-44628,700
708+0,00	0,00	3,52	0,00	71,28	3035,31	47735,29	-44699,980
709+0,00	0,00	3,40	0,00	69,24	3035,31	47804,53	-44769,220
710+0,00	0,00	3,42	0,00	68,18	3035,31	47872,71	-44837,400
711+0,00	0,00	3,46	0,00	68,81	3035,31	47941,51	-44906,200
712+0,00	0,00	3,28	0,00	67,45	3035,31	48008,97	-44973,660
713+0,00	0,00	3,36	0,00	66,45	3035,31	48075,42	-45040,110
714+0,00	0,00	3,51	0,00	68,83	3035,31	48144,24	-45108,930
715+0,00	0,00	3,74	0,00	72,52	3035,31	48216,76	-45181,450
716+0,00	0,00	3,24	0,00	69,80	3035,31	48286,56	-45251,250
717+0,00	0,00	3,27	0,00	65,07	3035,31	48351,63	-45316,320
718+0,00	0,00	3,33	0,00	65,99	3035,31	48417,62	-45382,310
719+0,00	0,00	3,32	0,00	66,46	3035,31	48484,08	-45448,770
720+0,00	0,00	3,31	0,00	66,20	3035,31	48550,28	-45514,970
721+0,00	0,00	3,48	0,00	67,84	3035,31	48618,12	-45582,810
722+0,00	0,00	2,90	0,00	63,71	3035,31	48681,83	-45646,520
723+0,00	0,00	3,11	0,00	60,17	3035,31	48741,99	-45706,680
724+0,00	0,00	2,96	0,00	60,76	3035,31	48802,75	-45767,440
725+0,00	0,00	2,87	0,00	58,31	3035,31	48861,06	-45825,750
726+0,00	0,00	3,41	0,00	62,51	3035,31	48923,56	-45888,250
727+0,00	0,00	4,38	0,00	77,86	3035,31	49001,42	-45966,110
728+0,00	0,00	5,61	0,00	99,84	3035,31	49101,26	-46065,950
729+0,00	0,00	6,85	0,00	124,53	3035,31	49225,79	-46190,480
730+0,00	0,00	5,26	0,00	121,01	3035,31	49346,80	-46311,490
731+0,00	0,00	4,83	0,00	100,81	3035,31	49447,61	-46412,300
732+0,00	0,00	4,13	0,00	89,59	3035,31	49537,20	-46501,890
733+0,00	0,00	3,67	0,00	78,18	3035,31	49615,38	-46580,070
734+0,00	0,00	3,46	0,00	71,33	3035,31	49686,70	-46651,390
735+0,00	0,00	3,55	0,00	70,04	3035,31	49756,74	-46721,430
736+0,00	0,00	3,70	0,00	72,47	3035,31	49829,21	-46793,900
737+0,00	0,00	4,06	0,00	77,78	3035,31	49906,99	-46871,680
738+0,00	0,00	4,27	0,00	83,36	3035,31	49990,35	-46955,040
739+0,00	0,00	4,03	0,00	83,04	3035,31	50073,38	-47038,070
740+0,00	0,00	9,15	0,00	131,45	3035,31	50204,83	-47169,520
741+0,00	0,00	8,23	0,00	173,86	3035,31	50378,69	-47343,380
742+0,00	0,00	7,82	0,00	160,49	3035,31	50539,17	-47503,860
743+0,00	0,00	5,15	0,00	130,02	3035,31	50669,19	-47633,880
744+0,00	0,00	4,08	0,00	92,32	3035,31	50761,51	-47726,200
745+0,00	0,06	3,97	0,61	80,90	3035,92	50842,42	-47806,500
746+0,00	0,14	3,76	2,00	77,26	3037,92	50919,68	-47881,760
747+0,00	0,07	4,54	2,04	83,02	3039,95	51002,70	-47962,750
748+0,00	0,10	4,59	1,62	92,51	3041,58	51095,21	-48053,630
749+0,00	0,18	4,05	2,84	86,42	3044,42	51181,63	-48137,210
750+0,00	0,24	3,67	4,16	77,93	3048,57	51259,55	-48210,980
751+0,00	0,06	4,70	3,01	83,67	3051,58	51343,22	-48291,640
752+0,00	0,14	3,94	1,96	86,40	3053,55	51429,62	-48376,070
753+0,00	0,42	3,45	5,58	73,95	3059,13	51503,58	-48444,450
754+0,00	0,49	2,77	9,13	62,05	3068,26	51565,62	-48497,360
755+0,00	3,17	0,57	36,57	33,44	3104,83	51599,06	-48494,230
756+0,00	3,70	0,10	68,66	6,67	3173,49	51605,73	-48432,240
757+0,00	2,61	0,36	63,09	4,54	3236,58	51610,27	-48373,690
758+0,00	0,47	2,15	30,86	25,05	3267,44	51635,32	-48367,880

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
759+0,00	0,11	3,00	5,82	51,50	3273,26	51686,82	-48413,560
760+0,00	0,00	3,05	1,12	59,92	3274,39	51746,73	-48472,340
761+0,00	0,00	6,86	0,00	99,11	3274,39	51845,84	-48571,450
762+0,00	0,00	6,56	0,00	134,18	3274,39	51980,02	-48705,630
763+0,00	0,00	3,39	0,00	99,52	3274,39	52079,55	-48805,160
764+0,00	0,10	2,38	1,01	57,38	3275,40	52136,93	-48861,530
765+0,00	0,01	3,55	1,08	59,27	3276,48	52196,19	-48919,710
766+0,00	0,00	3,59	0,08	71,42	3276,56	52267,62	-48991,060
767+0,00	0,00	3,57	0,00	71,59	3276,56	52339,21	-49062,650
768+0,00	0,00	4,15	0,00	77,22	3276,56	52416,44	-49139,880
769+0,00	0,00	6,70	0,00	108,57	3276,56	52525,01	-49248,450
770+0,00	0,00	7,52	0,00	142,27	3276,56	52667,28	-49390,720
771+0,00	0,00	9,15	0,00	166,72	3276,56	52834,00	-49557,440
772+0,00	0,00	7,40	0,00	165,50	3276,56	52999,50	-49722,940
773+0,00	0,00	5,84	0,00	132,57	3276,56	53132,07	-49855,510
774+0,00	0,00	4,11	0,00	99,47	3276,56	53231,54	-49954,980
775+0,00	0,02	3,32	0,25	74,31	3276,81	53305,84	-50029,030
776+0,00	0,35	1,99	3,76	53,13	3280,56	53358,98	-50078,420
777+0,00	2,25	0,13	25,12	21,84	3305,68	53380,82	-50075,140
778+0,00	0,45	0,60	26,98	7,29	3332,66	53388,11	-50055,450
779+0,00	0,00	2,98	4,32	36,51	3336,98	53424,62	-50087,640
780+0,00	0,00	3,37	0,03	63,47	3337,01	53488,09	-50151,080
781+0,00	0,00	0,00	0,01	33,70	3337,02	53521,79	-50184,770
782+0,00	0,00	3,57	0,01	35,46	3337,02	53557,24	-50220,220
783+0,00	0,00	3,44	0,00	70,18	3337,02	53627,42	-50290,400
784+0,00	0,00	3,26	0,00	67,85	3337,02	53695,27	-50358,250
785+0,00	0,00	4,17	0,00	74,24	3337,02	53769,51	-50432,490
786+0,00	0,00	4,48	0,00	86,79	3337,02	53856,30	-50519,280
787+0,00	0,00	3,25	0,00	77,07	3337,02	53933,37	-50596,350
788+0,00	0,00	3,27	0,00	65,11	3337,02	53998,47	-50661,450
789+0,00	0,00	5,30	0,00	85,67	3337,02	54084,14	-50747,120
790+0,00	0,00	8,69	0,00	140,04	3337,02	54224,18	-50887,160
791+0,00	0,00	11,63	0,00	203,27	3337,02	54427,46	-51090,440
792+0,00	0,00	9,75	0,00	213,84	3337,02	54641,30	-51304,280
793+0,00	0,00	4,34	0,00	140,96	3337,02	54782,26	-51445,240
794+0,00	0,00	5,16	0,00	94,68	3337,02	54876,94	-51539,920
795+0,00	0,00	2,55	0,02	77,14	3337,04	54954,07	-51617,030
796+0,00	0,00	3,15	0,02	56,73	3337,06	55010,80	-51673,740
797+0,00	0,11	1,65	1,11	48,00	3338,17	55058,80	-51720,630
798+0,00	0,00	2,93	1,11	45,78	3339,29	55104,58	-51765,290
799+0,00	0,00	0,00	0,00	29,24	3339,29	55133,82	-51794,530
800+0,00	0,00	3,58	0,00	35,80	3339,29	55169,61	-51830,320
801+0,00	0,00	6,40	0,00	98,97	3339,29	55268,58	-51929,290
802+0,00	0,00	8,11	0,00	145,13	3339,29	55413,71	-52074,420
803+0,00	0,00	8,17	0,00	162,79	3339,29	55576,51	-52237,220
804+0,00	0,00	7,39	0,00	155,60	3339,29	55732,11	-52392,820
805+0,00	0,00	6,19	0,00	135,83	3339,29	55867,94	-52528,650
806+0,00	0,00	0,00	0,00	61,90	3339,29	55929,84	-52590,550
807+0,00	0,00	4,52	0,00	45,19	3339,29	55975,03	-52635,740
808+0,00	0,03	3,66	0,31	82,91	3339,59	56057,94	-52718,350
809+0,00	0,05	3,27	0,83	69,29	3340,42	56127,22	-52786,800
810+0,00	0,00	4,01	0,47	74,51	3340,89	56201,74	-52860,850
811+0,00	0,00	4,55	0,00	86,98	3340,89	56288,72	-52947,830
812+0,00	0,01	4,13	0,09	86,87	3340,98	56375,58	-53034,600
813+0,00	0,00	0,00	0,09	41,75	3341,07	56417,34	-53076,270
814+0,00	0,00	8,32	0,00	83,54	3341,07	56500,88	-53159,810
815+0,00	0,00	10,35	0,00	186,77	3341,07	56687,64	-53346,570
816+0,00	0,00	11,31	0,00	216,63	3341,07	56904,27	-53563,200
817+0,00	0,00	9,19	0,00	205,01	3341,07	57109,29	-53768,220
818+0,00	0,00	3,52	0,00	127,67	3341,07	57236,96	-53895,890
819+0,00	0,00	2,82	0,00	63,60	3341,07	57300,56	-53959,490
820+0,00	0,00	0,00	0,00	28,26	3341,07	57328,82	-53987,750
821+0,00	0,00	3,88	0,00	38,63	3341,07	57367,44	-54026,370
822+0,00	0,00	4,65	0,00	85,28	3341,07	57452,72	-54111,650

Governo do Estado da Bahia
Secretaria das Cidades (SEDUR)

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
823+0,00	0,00	3,37	0,00	80,24	3341,07	57532,96	-54191,890
824+0,00	0,02	2,57	0,19	59,42	3341,26	57592,39	-54251,130
825+0,00	0,00	2,92	0,19	55,06	3341,45	57647,45	-54306,000
826+0,00	0,28	0,00	2,76	29,21	3344,20	57676,65	-54332,450
827+0,00	0,00	3,75	2,72	37,70	3346,92	57714,36	-54367,440
828+0,00	0,30	2,02	2,88	58,47	3349,80	57772,82	-54423,020
829+0,00	0,21	2,14	5,06	41,63	3354,86	57814,46	-54459,600
830+0,00	0,12	2,78	3,24	49,64	3358,10	57864,09	-54505,990
831+0,00	0,00	3,56	1,25	63,04	3359,34	57927,14	-54567,800
832+0,00	0,00	6,35	0,02	99,09	3359,37	58026,23	-54666,860
833+0,00	0,00	4,22	0,00	105,69	3359,37	58131,92	-54772,550
834+0,00	0,00	3,13	0,00	73,47	3359,37	58205,39	-54846,020
835+0,00	0,00	4,96	0,00	80,91	3359,37	58286,29	-54926,920
836+0,00	0,00	4,38	0,00	93,24	3359,37	58379,54	-55020,170
837+0,00	0,00	3,29	0,00	76,64	3359,37	58456,18	-55096,810
838+0,00	0,00	3,29	0,00	65,78	3359,37	58521,96	-55162,590
839+0,00	0,00	3,25	0,00	65,44	3359,37	58587,40	-55228,030
840+0,00	0,00	3,35	0,00	66,08	3359,37	58653,48	-55294,110
841+0,00	0,00	3,11	0,00	64,60	3359,37	58718,08	-55358,710
842+0,00	0,00	3,24	0,00	63,53	3359,37	58781,62	-55422,250
843+0,00	0,00	2,76	0,00	59,97	3359,37	58841,58	-55482,210
844+0,00	0,00	3,46	0,00	62,16	3359,37	58903,74	-55544,370
845+0,00	0,00	3,32	0,00	67,76	3359,37	58971,51	-55612,140
846+0,00	0,00	2,18	0,00	54,71	3359,37	59026,22	-55666,850
847+0,00	0,00	3,49	0,00	55,90	3359,37	59082,12	-55722,750
848+0,00	0,00	3,16	0,00	66,56	3359,37	59148,68	-55789,310
849+0,00	0,00	3,38	0,00	65,21	3359,37	59213,89	-55854,520
850+0,00	0,00	2,79	0,00	62,10	3359,37	59275,99	-55916,620
851+0,00	0,00	2,77	0,00	55,67	3359,37	59331,66	-55972,290
852+0,00	0,00	2,92	0,00	57,01	3359,37	59388,67	-56029,300
853+0,00	0,00	3,41	0,00	63,59	3359,37	59452,25	-56092,880
854+0,00	0,00	3,77	0,00	72,03	3359,37	59524,28	-56164,910
855+0,00	0,00	3,76	0,00	75,30	3359,37	59599,58	-56240,210
856+0,00	0,00	3,50	0,00	72,57	3359,37	59672,15	-56312,780
857+0,00	0,00	3,26	0,00	67,60	3359,37	59739,75	-56380,380
858+0,00	0,00	3,29	0,00	65,63	3359,37	59805,38	-56446,010
859+0,00	0,00	3,43	0,00	67,18	3359,37	59872,56	-56513,190
860+0,00	0,00	3,39	0,00	68,22	3359,37	59940,77	-56581,400
861+0,00	0,00	3,56	0,00	69,49	3359,37	60010,26	-56650,890
862+0,00	0,00	3,27	0,00	68,39	3359,37	60078,65	-56719,280
863+0,00	0,00	3,15	0,00	64,25	3359,37	60142,90	-56783,530
864+0,00	0,00	3,45	0,00	66,05	3359,37	60208,94	-56849,570
865+0,00	0,00	4,13	0,00	75,72	3359,37	60284,67	-56925,300
866+0,00	0,00	2,99	0,00	71,45	3359,37	60356,12	-56996,750
867+0,00	0,00	2,50	0,00	54,94	3359,37	60411,05	-57051,680
868+0,00	0,00	3,05	0,00	55,36	3359,37	60466,42	-57107,050
869+0,00	0,00	3,30	0,00	63,48	3359,37	60529,89	-57170,520
870+0,00	0,00	3,46	0,00	67,46	3359,37	60597,36	-57237,990
871+0,00	0,00	3,51	0,00	69,11	3359,37	60666,47	-57307,100
872+0,00	0,00	3,35	0,00	68,58	3359,37	60735,05	-57375,680
873+0,00	0,00	3,42	0,00	67,01	3359,37	60802,07	-57442,700
874+0,00	0,00	3,42	0,00	68,11	3359,37	60870,17	-57510,800
875+0,00	0,00	3,40	0,00	67,88	3359,37	60938,05	-57578,680
876+0,00	0,00	0,00	0,00	33,98	3359,37	60972,03	-57612,660
877+0,00	0,00	3,53	0,00	35,55	3359,37	61007,59	-57648,220
878+0,00	0,00	3,42	0,00	69,55	3359,37	61077,14	-57717,770
879+0,00	0,00	3,41	0,00	68,52	3359,37	61145,66	-57786,290
880+0,00	0,00	3,54	0,00	68,18	3359,37	61213,85	-57854,480
881+0,00	0,00	3,56	0,00	70,99	3359,37	61284,84	-57925,470
882+0,00	0,02	3,16	0,20	67,10	3359,57	61351,94	-57992,370
883+0,00	0,10	1,42	1,24	45,81	3360,81	61397,75	-58036,940
884+0,00	0,00	3,23	1,04	46,48	3361,85	61444,24	-58082,390
885+0,00	0,02	3,46	0,17	67,47	3362,02	61511,70	-58149,680
886+0,00	0,03	1,73	0,47	51,83	3362,49	61563,53	-58201,040

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
887+0,00	0,03	4,64	0,59	63,62	3363,08	61627,15	-58264,070
888+0,00	0,31	3,84	3,37	84,78	3366,45	61711,93	-58345,480
889+0,00	0,13	3,99	4,39	78,04	3370,84	61789,97	-58419,130
890+0,00	0,00	3,63	1,35	74,98	3372,19	61864,95	-58492,760
891+0,00	0,24	3,24	2,45	68,73	3374,64	61933,68	-58559,040
892+0,00	0,02	4,42	2,56	77,16	3377,20	62010,84	-58633,640
893+0,00	0,02	4,49	0,34	89,08	3377,54	62099,92	-58722,380
894+0,00	0,00	4,19	0,16	86,86	3377,70	62186,78	-58809,080
895+0,00	0,00	3,39	0,00	75,80	3377,70	62262,58	-58884,880
896+0,00	0,14	3,39	1,41	67,73	3379,11	62330,30	-58951,190
897+0,00	0,04	3,85	1,80	72,34	3380,90	62402,64	-59021,740
898+0,00	0,00	3,58	0,41	72,93	3381,31	62475,57	-59094,260
899+0,00	0,01	2,11	0,12	57,19	3381,43	62532,76	-59151,330
900+0,00	0,00	3,09	0,12	51,95	3381,55	62584,71	-59203,160
901+0,00	0,00	3,78	0,00	69,73	3381,55	62654,44	-59272,890
902+0,00	0,00	0,00	0,00	38,13	3381,55	62692,57	-59311,020
903+0,00	0,05	0,00	0,48	0,00	3382,03	62692,57	-59310,540
904+0,00	0,14	3,58	1,99	34,83	3384,02	62727,41	-59343,390
905+0,00	0,28	3,93	4,17	75,07	3388,18	62802,48	-59414,300
906+0,00	0,06	4,25	3,43	81,64	3391,61	62884,12	-59492,510
907+0,00	0,01	5,02	0,70	93,81	3392,32	62977,93	-59585,610
908+0,00	0,57	1,58	5,75	65,97	3398,06	63043,90	-59645,840
909+0,00	4,12	0,00	46,85	15,84	3444,92	63059,74	-59614,820
910+0,00	5,59	0,02	97,10	0,20	3542,02	63059,94	-59517,920
911+0,00	0,98	2,03	65,75	20,47	3607,77	63080,42	-59472,650
912+0,00	0,11	3,81	10,98	58,43	3618,74	63138,85	-59520,110
913+0,00	0,00	5,20	1,16	89,59	3619,90	63228,44	-59608,540
914+0,00	0,00	7,52	0,00	127,17	3619,90	63355,61	-59735,710
915+0,00	0,00	8,26	0,00	157,76	3619,90	63513,38	-59893,480
916+0,00	0,00	5,02	0,00	132,75	3619,90	63646,12	-60026,220
917+0,00	0,10	4,28	0,95	93,32	3620,85	63739,44	-60118,590
918+0,00	0,02	4,09	1,19	83,71	3622,04	63823,15	-60201,110
919+0,00	0,01	2,82	0,36	69,06	3622,40	63892,21	-60269,810
920+0,00	0,36	1,63	3,69	44,52	3626,09	63936,74	-60310,650
921+0,00	0,04	2,78	4,01	44,09	3630,10	63980,83	-60350,730
922+0,00	0,00	2,50	0,44	52,76	3630,55	64033,59	-60403,040
923+0,00	0,61	0,31	6,08	28,11	3636,62	64061,71	-60425,090
924+0,00	1,98	0,00	25,91	3,10	3662,53	64064,81	-60402,280
925+0,00	3,03	0,00	50,43	0,00	3712,96	64064,81	-60351,850
926+0,00	0,00	0,00	30,27	0,00	3743,23	64064,81	-60321,580
927+0,00	5,31	0,00	53,08	0,00	3796,31	64064,81	-60268,500
928+0,00	0,00	0,00	53,17	0,00	3849,48	64064,81	-60215,330
929+0,00	0,00	1,81	0,00	18,06	3849,48	64082,87	-60233,390
930+0,00	0,00	2,88	0,00	46,99	3849,48	64129,86	-60280,380
931+0,00	0,00	3,27	0,00	61,55	3849,48	64191,41	-60341,930
932+0,00	0,05	3,15	0,47	64,25	3849,95	64255,66	-60405,710
933+0,00	0,01	3,14	0,53	62,92	3850,49	64318,58	-60468,090
934+0,00	0,04	3,47	0,46	66,12	3850,95	64384,70	-60533,750
935+0,00	0,07	3,47	1,12	70,14	3852,07	64454,83	-60602,760
936+0,00	0,08	3,31	1,54	68,57	3853,61	64523,41	-60669,800
937+0,00	0,18	3,65	2,59	69,62	3856,21	64593,03	-60736,820
938+0,00	0,22	3,61	4,03	72,42	3860,24	64665,45	-60805,210
939+0,00	0,19	3,75	4,20	73,60	3864,43	64739,05	-60874,620
940+0,00	0,38	4,25	6,03	78,01	3870,46	64817,05	-60946,590
941+0,00	0,27	4,06	7,02	79,19	3877,49	64896,24	-61018,750
942+0,00	0,03	4,40	3,00	83,39	3880,49	64979,63	-61099,140
943+0,00	0,00	6,05	0,27	104,46	3880,75	65084,09	-61203,340
944+0,00	0,00	5,01	0,00	111,67	3880,75	65195,76	-61315,010
945+0,00	0,05	3,30	0,54	83,05	3881,29	65278,81	-61397,520
946+0,00	0,05	3,53	1,03	68,32	3882,32	65347,13	-61464,810
947+0,00	0,04	3,63	0,85	71,42	3883,17	65418,55	-61535,380
948+0,00	0,12	3,05	1,55	66,95	3884,72	65485,50	-61600,780
949+0,00	0,22	2,18	3,40	52,39	3888,12	65537,89	-61649,770
950+0,00	0,01	3,24	2,34	54,15	3890,46	65592,03	-61701,570

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
951+0,00	0,00	3,75	0,14	69,68	3890,59	65661,72	-61771,130
952+0,00	0,00	4,76	0,00	85,06	3890,59	65746,78	-61856,190
953+0,00	0,00	3,35	0,00	82,04	3890,59	65828,82	-61938,230
954+0,00	0,00	3,23	0,00	66,91	3890,59	65895,73	-62005,140
955+0,00	0,00	3,38	0,00	66,25	3890,59	65961,98	-62071,390
956+0,00	0,00	3,48	0,00	68,40	3890,59	66030,37	-62139,780
957+0,00	0,00	3,60	0,00	70,25	3890,59	66100,62	-62210,030
958+0,00	0,00	3,47	0,00	70,74	3890,59	66171,36	-62280,770
959+0,00	0,00	3,21	0,00	66,74	3890,59	66238,10	-62347,510
960+0,00	0,00	3,29	0,00	64,88	3890,59	66302,99	-62412,400
961+0,00	0,00	3,40	0,00	66,93	3890,59	66369,92	-62479,330
962+0,00	0,00	3,47	0,00	68,59	3890,59	66438,51	-62547,920
963+0,00	0,00	3,27	0,00	67,30	3890,59	66505,81	-62615,220
964+0,00	0,00	3,25	0,00	65,22	3890,59	66571,03	-62680,440
965+0,00	0,00	3,38	0,00	66,26	3890,59	66637,29	-62746,700
966+0,00	0,00	3,33	0,00	67,09	3890,59	66704,38	-62813,790
967+0,00	0,00	3,43	0,00	67,63	3890,59	66772,02	-62881,430
968+0,00	0,00	3,30	0,00	67,32	3890,59	66839,34	-62948,750
969+0,00	0,00	3,04	0,00	63,41	3890,59	66902,74	-63012,150
970+0,00	0,00	3,26	0,00	63,01	3890,59	66965,76	-63075,170
971+0,00	0,00	3,50	0,00	67,78	3890,59	67033,54	-63142,950
972+0,00	0,00	3,38	0,00	68,84	3890,59	67102,38	-63211,790
973+0,00	0,00	3,35	0,00	67,59	3890,59	67169,98	-63279,390
974+0,00	0,00	3,44	0,00	68,15	3890,59	67238,13	-63347,540
975+0,00	0,00	4,21	0,00	76,51	3890,59	67314,64	-63424,050
976+0,00	0,00	3,39	0,00	74,53	3890,59	67389,17	-63498,580
977+0,00	0,00	3,44	0,00	67,04	3890,59	67456,21	-63565,620
978+0,00	0,00	3,32	0,00	67,53	3890,59	67523,74	-63633,150
979+0,00	0,00	3,29	0,00	66,12	3890,59	67589,86	-63699,270
980+0,00	0,00	3,27	0,00	65,61	3890,59	67655,47	-63764,880
981+0,00	0,00	3,71	0,00	69,92	3890,59	67725,38	-63834,790
982+0,00	0,00	4,23	0,00	79,41	3890,59	67804,79	-63914,200
983+0,00	0,00	3,63	0,00	78,59	3890,59	67883,38	-63992,790
984+0,00	0,00	3,34	0,00	69,64	3890,59	67953,02	-64062,430
985+0,00	0,00	4,35	0,00	76,91	3890,59	68029,94	-64139,350
986+0,00	0,00	5,82	0,00	101,75	3890,59	68131,68	-64241,090
987+0,00	0,00	5,22	0,00	110,37	3890,59	68242,05	-64351,460
988+0,00	0,00	4,74	0,00	99,60	3890,59	68341,65	-64451,060
989+0,00	0,00	4,04	0,00	87,82	3890,59	68429,47	-64538,880
990+0,00	0,00	3,26	0,00	73,01	3890,59	68502,48	-64611,890
991+0,00	0,00	3,58	0,00	68,45	3890,59	68570,93	-64680,340
992+0,00	0,00	3,54	0,00	71,21	3890,59	68642,14	-64751,550
993+0,00	0,00	3,05	0,00	65,76	3890,59	68707,90	-64817,310
994+0,00	0,23	1,46	2,30	45,07	3892,89	68752,97	-64860,080
995+0,00	0,28	1,49	5,14	29,47	3898,03	68782,44	-64884,410
996+0,00	0,11	2,15	3,90	36,41	3901,93	68818,85	-64916,920
997+0,00	0,00	3,22	1,08	53,72	3903,02	68872,57	-64969,550
998+0,00	0,00	4,04	0,07	72,56	3903,08	68945,13	-65042,050
999+0,00	0,00	4,57	0,05	86,09	3903,13	69031,22	-65128,090
1000+0,00	0,00	4,41	0,00	89,84	3903,13	69121,06	-65217,930
1001+0,00	0,00	3,58	0,03	79,73	3903,16	69200,79	-65297,630
1002+0,00	0,05	3,29	0,50	68,72	3903,66	69269,51	-65365,850
1003+0,00	0,04	2,82	0,92	61,18	3904,57	69330,69	-65426,120
1004+0,00	0,15	2,42	1,90	52,45	3906,47	69383,14	-65476,670
1005+0,00	0,00	2,62	1,45	50,43	3907,93	69433,57	-65525,640
1006+0,00	0,01	2,00	0,07	46,26	3908,00	69479,83	-65571,830
1007+0,00	0,00	3,05	0,07	50,81	3908,07	69530,63	-65622,560
1008+0,00	0,00	1,52	0,00	45,92	3908,07	69576,55	-65668,480
1009+0,00	0,46	0,50	4,57	20,22	3912,64	69596,77	-65684,130
1010+0,00	0,00	2,47	4,46	29,99	3917,11	69626,76	-65709,650
1011+0,00	0,00	2,79	0,00	52,62	3917,11	69679,38	-65762,270
1012+0,00	0,00	2,18	0,00	49,75	3917,11	69729,13	-65812,020
1013+0,00	0,00	1,54	0,00	37,30	3917,11	69766,43	-65849,320
1014+0,00	0,09	0,88	0,94	24,26	3918,05	69790,69	-65872,640

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1015+0,00	0,00	3,04	0,94	39,24	3919,00	69829,94	-65910,940
1016+0,00	0,00	3,10	0,00	61,43	3919,00	69891,37	-65972,370
1017+0,00	0,00	3,30	0,00	64,03	3919,00	69955,40	-66036,400
1018+0,00	0,00	3,28	0,00	65,84	3919,00	70021,24	-66102,240
1019+0,00	0,00	2,88	0,00	61,59	3919,00	70082,83	-66163,830
1020+0,00	0,00	3,19	0,00	60,22	3919,00	70143,05	-66224,050
1021+0,00	0,00	3,45	0,00	66,28	3919,00	70209,33	-66290,330
1022+0,00	0,00	4,07	0,00	75,26	3919,00	70284,59	-66365,590
1023+0,00	0,00	4,18	0,00	82,52	3919,00	70367,10	-66448,100
1024+0,00	0,00	3,60	0,00	77,83	3919,00	70444,94	-66525,940
1025+0,00	0,05	3,18	0,52	67,97	3919,52	70512,91	-66593,390
1026+0,00	0,67	1,68	7,18	48,60	3926,70	70561,50	-66634,800
1027+0,00	0,45	2,78	11,20	44,57	3937,90	70606,07	-66668,170
1028+0,00	0,23	3,77	7,07	64,24	3944,97	70670,31	-66725,340
1029+0,00	0,32	3,16	5,48	69,33	3950,45	70739,64	-66789,190
1030+0,00	0,07	3,55	3,90	67,13	3954,36	70806,77	-66852,410
1031+0,00	0,10	3,49	1,79	69,93	3956,14	70876,70	-66920,560
1032+0,00	0,23	3,48	3,37	69,66	3959,52	70946,36	-66986,840
1033+0,00	0,20	3,57	4,41	70,15	3963,93	71016,51	-67052,580
1034+0,00	0,15	3,80	3,50	73,72	3967,43	71090,23	-67122,800
1035+0,00	0,26	3,85	4,03	76,55	3971,46	71166,78	-67195,320
1036+0,00	0,32	4,10	5,73	79,56	3977,19	71246,33	-67269,140
1037+0,00	0,41	3,89	7,33	79,68	3984,52	71326,01	-67341,490
1038+0,00	0,48	3,86	8,97	77,48	3993,49	71403,49	-67410,000
1039+0,00	0,51	0,00	9,97	38,63	4003,47	71442,13	-67438,660
1040+0,00	0,38	3,79	8,71	38,50	4012,18	71480,62	-67468,440
1041+0,00	0,31	3,78	6,88	75,70	4019,06	71556,32	-67537,260
1042+0,00	0,00	3,26	2,98	71,57	4022,04	71627,89	-67605,850
1043+0,00	0,23	4,11	2,25	73,70	4024,29	71701,59	-67677,300
1044+0,00	0,00	4,15	2,22	83,30	4026,51	71784,89	-67758,380
1045+0,00	0,31	3,90	3,05	80,58	4029,56	71865,47	-67835,910
1046+0,00	0,22	4,50	5,25	83,99	4034,81	71949,46	-67914,650
1047+0,00	0,33	4,08	5,45	85,76	4040,26	72035,22	-67994,960
1048+0,00	0,34	3,72	6,42	79,36	4046,68	72114,58	-68067,900
1049+0,00	1,00	2,34	13,35	60,67	4060,03	72175,25	-68115,220
1050+0,00	1,26	1,80	22,61	41,49	4082,64	72216,74	-68134,100
1051+0,00	1,01	0,00	22,35	18,28	4105,00	72235,01	-68130,010
1052+0,00	0,74	2,34	17,55	23,37	4122,55	72258,38	-68135,830
1053+0,00	0,46	3,31	12,09	56,50	4134,64	72314,88	-68180,240
1054+0,00	0,32	4,60	7,93	78,89	4142,57	72393,77	-68251,200
1055+0,00	0,14	5,68	4,59	102,86	4147,16	72496,63	-68349,470
1056+0,00	0,00	6,99	1,37	126,29	4148,53	72622,92	-68474,390
1057+0,00	0,00	8,36	0,00	153,47	4148,53	72776,39	-68627,860
1058+0,00	0,00	8,37	0,00	165,73	4148,53	72942,12	-68793,590
1059+0,00	0,00	8,45	0,00	168,22	4148,53	73110,35	-68961,820
1060+0,00	0,00	6,62	0,00	151,04	4148,53	73261,39	-69112,860
1061+0,00	0,19	3,96	1,87	105,75	4150,40	73367,14	-69216,740
1062+0,00	0,24	3,83	4,31	77,84	4154,71	73444,98	-69290,270
1063+0,00	0,16	3,85	4,16	76,01	4158,87	73520,99	-69362,120
1064+0,00	0,11	3,95	2,69	78,00	4161,56	73598,99	-69437,430
1065+0,00	0,00	3,87	1,05	78,18	4162,61	73677,17	-69514,560
1066+0,00	0,07	0,00	0,72	38,55	4163,33	73715,72	-69552,390
1067+0,00	0,19	3,11	2,59	31,13	4165,93	73746,85	-69580,920
1068+0,00	0,09	3,66	2,67	68,44	4168,59	73815,29	-69646,700
1069+0,00	0,03	3,96	1,12	76,17	4169,71	73891,46	-69721,750
1070+0,00	0,08	3,48	1,01	75,07	4170,72	73966,53	-69795,810
1071+0,00	0,07	3,50	1,51	69,81	4172,23	74036,34	-69864,110
1072+0,00	0,10	3,50	1,76	70,05	4173,99	74106,38	-69932,390
1073+0,00	0,14	3,54	2,37	70,48	4176,36	74176,86	-70000,500
1074+0,00	0,13	3,25	2,56	69,27	4178,92	74246,13	-70067,210
1075+0,00	0,39	2,55	5,20	58,12	4184,13	74304,25	-70120,120
1076+0,00	0,83	2,10	12,16	46,46	4196,29	74350,71	-70154,420
1077+0,00	1,77	1,70	26,27	37,62	4222,56	74388,34	-70165,780
1078+0,00	0,70	2,86	24,64	45,67	4247,20	74434,00	-70186,800

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1079+0,00	0,26	3,87	9,81	66,41	4257,01	74500,41	-70243,400
1080+0,00	0,27	3,92	5,28	77,83	4262,29	74578,24	-70315,950
1081+0,00	0,37	3,79	6,39	77,03	4268,68	74655,27	-70386,590
1082+0,00	0,06	5,54	4,37	92,80	4273,05	74748,07	-70475,020
1083+0,00	0,00	7,98	0,60	135,16	4273,64	74883,23	-70609,590
1084+0,00	0,00	7,98	0,00	160,66	4273,64	75043,89	-70770,250
1085+0,00	0,01	4,88	0,15	128,60	4273,79	75172,48	-70898,690
1086+0,00	0,03	0,00	0,48	49,24	4274,26	75221,73	-70947,470
1087+0,00	0,04	3,53	0,75	35,28	4275,01	75257,00	-70981,990
1088+0,00	0,04	3,57	0,80	70,94	4275,81	75327,95	-71052,140
1089+0,00	0,03	3,31	0,66	69,23	4276,47	75397,18	-71120,710
1090+0,00	0,03	3,09	0,63	63,99	4277,10	75461,16	-71184,060
1091+0,00	0,01	3,60	0,48	66,86	4277,58	75528,03	-71250,450
1092+0,00	0,00	3,42	0,17	70,47	4277,75	75598,49	-71320,740
1093+0,00	0,49	2,45	4,94	58,70	4282,69	75657,19	-71374,500
1094+0,00	0,71	1,98	12,03	44,28	4294,72	75701,47	-71406,750
1095+0,00	1,12	1,64	18,17	36,37	4312,89	75737,85	-71424,960
1096+0,00	1,94	1,02	30,57	26,62	4343,46	75764,46	-71421,000
1097+0,00	0,40	3,15	23,33	41,75	4366,79	75806,21	-71439,420
1098+0,00	1,44	1,62	18,28	47,87	4385,06	75854,09	-71469,030
1099+0,00	1,18	1,83	26,21	34,56	4411,27	75888,65	-71477,380
1100+0,00	0,70	2,40	18,84	42,37	4430,11	75931,02	-71500,910
1101+0,00	0,32	3,23	10,20	56,33	4440,31	75987,35	-71547,040
1102+0,00	0,00	3,80	3,21	69,95	4443,52	76057,30	-71613,780
1103+0,00	0,00	3,82	0,00	76,22	4443,52	76133,52	-71690,000
1104+0,00	0,47	3,87	4,75	76,88	4448,27	76210,40	-71762,130
1105+0,00	0,34	4,10	8,11	79,71	4456,38	76290,11	-71833,730
1106+0,00	0,28	5,11	6,22	91,51	4462,60	76381,63	-71919,030
1107+0,00	0,04	7,20	3,15	123,16	4465,74	76504,79	-72039,050
1108+0,00	0,41	5,57	4,52	127,69	4470,26	76632,48	-72162,220
1109+0,00	1,44	4,45	18,79	99,36	4489,05	76731,83	-72242,780
1110+0,00	1,47	5,06	29,10	95,06	4518,16	76826,89	-72308,730
1111+0,00	1,63	4,53	31,73	94,50	4549,89	76921,40	-72371,510
1112+0,00	3,05	2,88	47,40	73,53	4597,29	76994,93	-72397,640
1113+0,00	4,25	2,13	73,04	50,13	4670,33	77045,06	-72374,730
1114+0,00	3,00	3,40	73,69	54,68	4744,01	77099,75	-72355,740
1115+0,00	2,36	4,15	53,61	75,54	4797,63	77175,28	-72377,650
1116+0,00	2,90	3,56	53,46	76,23	4851,08	77251,51	-72400,430
1117+0,00	1,31	4,47	42,12	80,26	4893,21	77331,77	-72438,560
1118+0,00	1,61	3,86	29,53	82,79	4922,74	77414,56	-72491,820
1119+0,00	1,04	4,35	26,55	82,12	4949,29	77496,68	-72547,390
1120+0,00	2,56	2,54	34,91	70,42	4984,20	77567,11	-72582,910
1121+0,00	1,43	4,47	39,97	70,12	5024,17	77637,23	-72613,060
1122+0,00	1,40	4,75	28,31	92,27	5052,48	77729,49	-72677,010
1123+0,00	1,02	5,32	24,19	100,73	5076,68	77830,22	-72753,540
1124+0,00	1,09	4,79	20,93	101,56	5097,60	77931,78	-72834,180
1125+0,00	1,15	5,63	22,41	104,20	5120,01	78035,97	-72915,960
1126+0,00	1,78	5,27	29,31	109,09	5149,32	78145,06	-72995,740
1127+0,00	2,82	5,25	45,25	106,27	5194,58	78251,33	-73056,750
1128+0,00	3,19	5,29	60,12	105,36	5254,70	78356,70	-73102,000
1129+0,00	2,21	5,70	52,29	112,25	5306,98	78468,95	-73161,970
1130+0,00	2,41	5,33	45,46	111,46	5352,44	78580,40	-73227,960
1131+0,00	2,50	6,04	49,08	113,73	5401,52	78694,13	-73292,610
1132+0,00	2,21	6,18	47,07	122,18	5448,59	78816,31	-73367,720
1133+0,00	3,17	6,53	53,80	127,06	5502,39	78943,37	-73440,980
1134+0,00	3,15	6,22	63,01	127,73	5565,40	79071,10	-73505,700
1135+0,00	2,42	7,80	56,81	138,48	5622,21	79209,58	-73587,370
1136+0,00	2,41	6,86	48,35	146,55	5670,56	79356,13	-73685,570
1137+0,00	2,82	5,92	52,32	127,82	5722,87	79483,95	-73761,080
1138+0,00	3,43	6,05	63,33	118,60	5786,20	79602,55	-73816,350
1139+0,00	2,43	5,46	57,54	116,37	5843,74	79718,92	-73875,180
1140+0,00	0,99	5,09	34,25	105,45	5878,00	79824,37	-73946,370
1141+0,00	1,12	4,82	20,97	99,46	5898,97	79923,83	-74024,860
1142+0,00	1,16	4,81	22,43	97,35	5921,39	80021,18	-74099,790

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1143+0,00	1,54	4,75	25,48	99,15	5946,88	80120,33	-74173,450
1144+0,00	0,38	6,39	18,94	112,39	5965,82	80232,73	-74266,910
1145+0,00	0,06	7,97	4,44	143,63	5970,26	80376,35	-74406,090
1146+0,00	0,04	7,87	1,03	158,43	5971,29	80534,78	-74563,490
1147+0,00	0,82	4,45	8,61	123,25	5979,90	80658,03	-74678,130
1148+0,00	0,71	4,42	15,59	87,55	5995,50	80745,58	-74750,080
1149+0,00	0,00	8,13	6,96	126,64	6002,45	80872,22	-74869,770
1150+0,00	0,84	3,88	8,38	120,15	6010,83	80992,37	-74981,540
1151+0,00	2,30	2,25	31,50	61,15	6042,33	81053,52	-75011,190
1152+0,00	0,79	4,50	32,10	65,73	6074,43	81119,25	-75044,820
1153+0,00	1,69	3,09	25,68	74,22	6100,11	81193,47	-75093,360
1154+0,00	2,54	1,83	42,06	49,43	6142,17	81242,90	-75100,730
1155+0,00	0,63	4,20	31,68	60,31	6173,84	81303,22	-75129,380
1156+0,00	0,15	0,00	7,86	41,79	6181,70	81345,01	-75163,310
1157+0,00	0,00	7,58	1,46	75,81	6183,16	81420,82	-75237,660
1158+0,00	0,00	8,90	0,00	164,76	6183,16	81585,59	-75402,430
1159+0,00	0,00	8,27	0,00	171,66	6183,16	81757,24	-75574,080
1160+0,00	0,00	0,00	0,00	82,58	6183,16	81839,82	-75656,660
1161+0,00	0,05	4,56	0,49	45,60	6183,66	81885,43	-75701,770
1162+0,00	0,20	3,39	2,54	79,50	6186,19	81964,92	-75778,730
1163+0,00	0,21	3,15	4,15	65,07	6190,34	82029,99	-75839,650
1164+0,00	0,17	3,54	3,75	66,83	6194,10	82096,83	-75902,730
1165+0,00	0,10	3,66	2,63	71,93	6196,73	82168,76	-75972,030
1166+0,00	0,00	5,02	0,96	86,58	6197,69	82255,34	-76057,650
1167+0,00	0,00	5,82	0,00	108,41	6197,69	82363,76	-76166,070
1168+0,00	0,00	5,03	0,00	108,53	6197,69	82472,28	-76274,590
1169+0,00	0,24	0,00	2,45	50,30	6200,13	82522,58	-76322,450
1170+0,00	0,17	3,69	4,14	36,94	6204,27	82559,52	-76355,250
1171+0,00	0,27	3,51	4,41	72,08	6208,68	82631,60	-76422,920
1172+0,00	0,30	3,34	5,74	68,57	6214,42	82700,18	-76485,760
1173+0,00	0,26	3,70	5,57	70,46	6219,99	82770,63	-76550,640
1174+0,00	0,51	4,01	7,66	77,17	6227,65	82847,80	-76620,150
1175+0,00	0,65	3,71	11,71	77,05	6239,36	82924,84	-76685,480
1176+0,00	0,00	3,64	6,90	70,99	6246,26	82995,83	-76749,570
1177+0,00	0,54	3,99	5,48	75,13	6251,74	83070,96	-76819,220
1178+0,00	0,12	6,48	6,55	104,92	6258,29	83175,87	-76917,580
1179+0,00	0,00	10,66	1,23	170,95	6259,52	83346,83	-77087,310
1180+0,00	0,00	10,80	0,00	214,62	6259,52	83561,45	-77301,930
1181+0,00	0,69	6,73	6,93	175,31	6266,45	83736,76	-77470,310
1182+0,00	0,59	6,69	12,80	134,21	6279,25	83870,97	-77591,720
1183+0,00	0,08	9,04	6,63	157,59	6285,88	84028,56	-77742,680
1184+0,00	0,04	9,35	1,15	186,03	6287,03	84214,59	-77927,560
1185+0,00	0,58	5,68	5,97	153,09	6292,99	84367,68	-78074,690
1186+0,00	0,92	4,70	15,36	102,21	6308,35	84469,90	-78161,550
1187+0,00	0,40	4,57	13,76	90,42	6322,11	84560,32	-78238,210
1188+0,00	0,29	3,96	7,01	84,93	6329,12	84645,25	-78316,130
1189+0,00	0,43	3,91	7,26	78,75	6336,38	84723,99	-78387,610
1190+0,00	0,33	3,90	7,64	78,11	6344,02	84802,10	-78458,080
1191+0,00	0,39	3,75	7,05	77,53	6351,07	84879,63	-78528,560
1192+0,00	0,71	4,21	11,01	79,58	6362,08	84959,21	-78597,130
1193+0,00	0,69	4,77	14,01	89,75	6376,09	85048,96	-78672,870
1194+0,00	0,59	3,68	12,78	84,45	6388,86	85133,41	-78744,550
1195+0,00	1,39	2,54	19,78	62,21	6408,65	85195,62	-78786,970
1196+0,00	1,22	3,42	26,00	59,85	6434,65	85255,47	-78820,820
1197+0,00	1,11	3,61	23,32	70,33	6457,97	85325,80	-78867,830
1198+0,00	0,98	4,44	20,91	80,54	6478,88	85406,34	-78927,460
1199+0,00	0,60	5,40	15,83	98,42	6494,71	85504,76	-79010,050
1200+0,00	0,32	6,53	9,23	119,34	6503,94	85624,10	-79120,160
1201+0,00	1,14	5,02	14,63	115,49	6518,57	85739,58	-79221,010
1202+0,00	1,75	4,14	29,26	90,87	6547,83	85830,45	-79282,620
1203+0,00	1,60	3,67	33,52	78,04	6581,35	85908,49	-79327,140
1204+0,00	1,11	4,48	27,12	81,46	6608,47	85989,95	-79381,480
1205+0,00	0,19	4,44	12,94	89,70	6621,41	86079,65	-79458,240
1206+0,00	0,01	5,14	1,99	95,82	6623,40	86175,48	-79552,080

Osvaldo Leoncio da
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Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1207+0,00	0,15	4,15	1,56	92,84	6624,96	86268,32	-79643,360
1208+0,00	0,17	0,00	3,21	41,46	6628,17	86309,78	-79681,610
1209+0,00	0,14	3,77	3,11	37,84	6631,28	86347,61	-79716,330
1210+0,00	0,04	4,06	1,83	78,29	6633,11	86425,91	-79792,800
1211+0,00	0,11	3,62	1,51	77,20	6634,62	86503,11	-79868,490
1212+0,00	0,36	3,00	4,72	66,25	6639,35	86569,35	-79930,000
1213+0,00	0,26	3,69	6,17	66,94	6645,52	86636,29	-79990,770
1214+0,00	0,27	3,82	5,28	75,17	6650,80	86711,46	-80060,660
1215+0,00	0,02	4,37	2,89	81,97	6653,69	86793,43	-80139,740
1216+0,00	0,00	5,50	0,16	98,74	6653,86	86892,17	-80238,310
1217+0,00	0,00	0,00	0,00	55,02	6653,86	86947,19	-80293,330
1218+0,00	0,00	5,13	0,02	51,25	6653,87	86998,44	-80344,570
1219+0,00	0,14	4,01	1,38	91,34	6655,25	87089,78	-80434,530
1220+0,00	0,09	3,71	2,31	77,23	6657,56	87167,01	-80509,450
1221+0,00	0,16	3,69	2,50	74,04	6660,07	87241,05	-80580,980
1222+0,00	0,08	4,70	2,28	84,52	6662,34	87325,58	-80663,240
1223+0,00	0,03	5,74	1,05	104,16	6663,39	87429,74	-80766,350
1224+0,00	0,00	7,51	0,29	132,48	6663,68	87562,22	-80898,540
1225+0,00	0,00	6,88	0,00	144,65	6663,68	87706,87	-81043,190
1226+0,00	0,00	5,66	0,00	125,39	6663,68	87832,26	-81168,580
1227+0,00	0,03	4,01	0,33	96,63	6664,01	87928,89	-81264,880
1228+0,00	0,00	5,26	0,33	92,63	6664,33	88021,52	-81357,190
1229+0,00	0,00	5,46	0,00	107,72	6664,33	88129,24	-81464,910
1230+0,00	0,00	0,00	0,00	54,62	6664,33	88183,86	-81519,530
1231+0,00	0,01	3,88	0,11	39,02	6664,45	88222,89	-81558,440
1232+0,00	0,12	3,33	1,33	71,49	6665,78	88294,37	-81628,590
1233+0,00	0,05	3,60	1,69	69,33	6667,47	88363,70	-81696,230
1234+0,00	0,00	0,00	0,53	35,84	6667,99	88399,54	-81731,550
1235+0,00	0,00	2,61	0,03	26,07	6668,02	88425,61	-81757,590
1236+0,00	0,60	1,61	6,06	41,68	6674,08	88467,29	-81793,210
1237+0,00	0,07	3,44	6,64	50,48	6680,72	88517,77	-81837,050
1238+0,00	0,20	3,50	2,62	70,30	6683,34	88588,07	-81904,730
1239+0,00	0,25	0,00	4,53	34,97	6687,87	88623,04	-81935,170
1240+0,00	0,14	3,68	3,83	37,12	6691,69	88660,16	-81968,470
1241+0,00	0,13	3,68	2,73	73,57	6694,42	88733,72	-82039,300
1242+0,00	0,10	3,63	2,31	73,07	6696,73	88806,79	-82110,060
1243+0,00	0,08	3,71	1,82	73,41	6698,55	88880,20	-82181,650
1244+0,00	0,11	3,78	1,96	75,44	6700,51	88955,64	-82255,130
1245+0,00	0,18	3,71	2,94	74,40	6703,44	89030,04	-82326,600
1246+0,00	0,11	3,72	3,06	71,04	6706,50	89101,09	-82394,590
1247+0,00	0,05	3,68	1,55	73,63	6708,06	89174,72	-82466,660
1248+0,00	0,04	3,49	0,89	71,71	6708,95	89246,43	-82537,480
1249+0,00	0,04	3,51	0,81	70,33	6709,76	89316,76	-82607,000
1250+0,00	0,00	4,45	0,39	81,02	6710,15	89397,78	-82687,630
1251+0,00	0,00	0,00	0,00	44,97	6710,15	89442,75	-82732,600
1252+0,00	0,00	3,70	0,04	36,95	6710,18	89479,70	-82769,520
1253+0,00	0,00	3,51	0,04	71,50	6710,22	89551,20	-82840,980
1254+0,00	0,00	3,61	0,00	71,21	6710,22	89622,41	-82912,190
1255+0,00	0,00	3,58	0,00	71,97	6710,22	89694,39	-82984,170
1256+0,00	0,00	3,41	0,00	69,83	6710,22	89764,21	-83053,990
1257+0,00	0,00	3,42	0,00	68,17	6710,22	89832,39	-83122,170
1258+0,00	0,00	3,33	0,00	67,63	6710,22	89900,01	-83189,790
1259+0,00	0,00	3,51	0,00	68,61	6710,22	89968,62	-83258,400
1260+0,00	0,00	3,64	0,00	71,66	6710,22	90040,28	-83330,060
1261+0,00	0,00	3,29	0,00	69,34	6710,22	90109,62	-83399,400
1262+0,00	0,00	3,24	0,00	65,18	6710,22	90174,80	-83464,580
1263+0,00	0,00	3,22	0,00	64,60	6710,22	90239,40	-83529,180
1264+0,00	0,00	3,61	0,00	68,78	6710,22	90308,17	-83597,950
1265+0,00	0,00	3,76	0,00	73,90	6710,22	90382,08	-83671,860
1266+0,00	0,00	3,56	0,00	73,40	6710,22	90455,48	-83745,260
1267+0,00	0,00	3,19	0,00	67,49	6710,22	90522,96	-83812,740
1268+0,00	0,00	3,51	0,00	66,84	6710,22	90589,81	-83879,590
1269+0,00	0,00	3,29	0,00	67,81	6710,22	90657,62	-83947,400
1270+0,00	0,00	3,36	0,00	66,43	6710,22	90724,05	-84013,830

Osvaldo Leôncio d
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Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1271+0,00	0,00	3,16	0,00	64,89	6710,22	90788,94	-84078,720
1272+0,00	0,00	1,64	0,00	48,75	6710,22	90837,69	-84127,470
1273+0,00	0,05	0,84	0,49	24,88	6710,72	90862,58	-84151,860
1274+0,00	0,69	0,00	7,43	8,42	6718,15	90871,00	-84152,850
1275+0,00	0,00	3,39	6,85	34,02	6725,00	90905,02	-84180,020
1276+0,00	0,00	3,30	0,00	67,11	6725,00	90972,13	-84247,130
1277+0,00	0,00	3,31	0,00	66,60	6725,00	91038,73	-84313,730
1278+0,00	0,00	3,43	0,00	67,66	6725,00	91106,39	-84381,390
1279+0,00	0,00	3,03	0,00	64,65	6725,00	91171,04	-84446,040
1280+0,00	0,00	3,16	0,00	62,03	6725,00	91233,07	-84508,070
1281+0,00	0,00	3,40	0,00	65,62	6725,00	91298,68	-84573,680
1282+0,00	0,00	5,47	0,00	88,76	6725,00	91387,44	-84662,440
1283+0,00	0,00	5,44	0,00	109,32	6725,00	91496,76	-84771,760
1284+0,00	0,00	6,36	0,00	117,92	6725,00	91614,68	-84889,680
1285+0,00	0,00	3,25	0,00	96,14	6725,00	91710,82	-84985,820
1286+0,00	0,00	3,03	0,00	62,91	6725,00	91773,73	-85048,730
1287+0,00	0,00	3,42	0,00	64,96	6725,00	91838,69	-85113,690
1288+0,00	0,00	3,58	0,00	69,96	6725,00	91908,65	-85183,650
1289+0,00	0,00	2,55	0,01	61,67	6725,00	91970,32	-85245,320
1290+0,00	0,05	3,04	0,50	55,91	6725,50	92026,23	-85300,730
1291+0,00	0,00	5,13	0,49	81,70	6725,99	92107,93	-85381,940
1292+0,00	0,06	6,57	0,64	116,99	6726,63	92224,92	-85498,290
1293+0,00	0,79	4,39	8,58	109,57	6735,22	92334,49	-85599,270
1294+0,00	0,54	3,79	12,75	83,77	6747,97	92418,27	-85670,300
1295+0,00	1,14	4,85	16,79	86,45	6764,75	92504,71	-85739,960
1296+0,00	0,00	4,21	11,43	90,69	6776,18	92595,40	-85819,220
1297+0,00	2,73	3,64	27,26	78,56	6803,44	92673,96	-85870,520
1298+0,00	1,62	4,82	43,48	84,57	6846,92	92758,53	-85911,610
1299+0,00	1,82	5,71	34,46	105,29	6881,38	92863,82	-85982,440
1300+0,00	2,32	4,96	41,44	106,69	6922,82	92970,51	-86047,690
1301+0,00	3,20	3,52	55,16	84,78	6977,99	93055,29	-86077,300
1302+0,00	9,03	0,92	121,75	44,55	7099,73	93099,84	-86000,110
1303+0,00	8,54	0,75	175,72	16,65	7275,45	93116,49	-85841,040
1304+0,00	8,46	0,45	170,06	11,97	7445,50	93128,45	-85682,950
1305+0,00	7,30	0,76	157,67	12,13	7603,18	93140,58	-85537,400
1306+0,00	3,73	1,72	110,31	24,77	7713,49	93165,35	-85451,860
1307+0,00	1,35	4,35	49,03	62,10	7762,53	93227,45	-85464,920
1308+0,00	0,00	2,93	13,45	72,80	7775,98	93300,26	-85524,280
1309+0,00	2,32	3,19	23,20	61,21	7799,17	93361,47	-85562,300
1310+0,00	1,62	4,73	38,99	79,64	7838,16	93441,11	-85602,950
1311+0,00	1,76	4,63	33,72	93,56	7871,89	93534,67	-85662,780
1312+0,00	1,61	0,00	33,63	46,29	7905,51	93580,96	-85675,450
1313+0,00	1,25	4,73	28,34	47,54	7933,85	93628,50	-85694,650
1314+0,00	0,88	5,80	21,28	105,37	7955,13	93733,87	-85778,740
1315+0,00	0,51	6,98	13,85	127,84	7968,99	93861,71	-85892,720
1316+0,00	0,09	6,51	5,90	134,86	7974,89	93996,57	-86021,680
1317+0,00	0,51	4,08	5,97	105,35	7980,86	94101,92	-86121,060
1318+0,00	0,00	4,04	5,06	81,18	7985,92	94183,10	-86197,180
1319+0,00	0,23	3,79	2,30	78,26	7988,22	94261,35	-86273,130
1320+0,00	0,82	0,00	10,55	37,86	7998,77	94299,22	-86300,450
1321+0,00	0,44	2,64	12,61	26,42	8011,38	94325,63	-86314,250
1322+0,00	0,06	3,87	4,96	65,14	8016,34	94390,78	-86374,440
1323+0,00	0,00	5,19	0,59	90,40	8016,93	94481,18	-86464,250
1324+0,00	0,00	7,97	0,00	131,59	8016,93	94612,76	-86595,830
1325+0,00	0,00	4,60	0,00	125,74	8016,93	94738,51	-86721,580
1326+0,00	0,00	3,46	0,00	80,64	8016,93	94819,14	-86802,210
1327+0,00	0,00	3,19	0,00	66,31	8016,93	94885,45	-86868,520
1328+0,00	0,00	3,40	0,00	65,91	8016,93	94951,37	-86934,440
1329+0,00	0,27	1,21	2,70	46,37	8019,63	94997,73	-86978,100
1330+0,00	0,10	2,63	3,88	37,67	8023,51	95035,40	-87011,890
1331+0,00	0,02	3,55	1,30	61,11	8024,81	95096,51	-87071,700
1332+0,00	0,52	2,29	5,54	57,70	8030,35	95154,21	-87123,860
1333+0,00	2,87	0,65	34,47	28,99	8064,82	95183,21	-87118,390
1334+0,00	5,48	0,01	83,43	6,65	8148,24	95189,86	-87041,620

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1335+0,00	4,82	0,00	102,94	0,13	8251,18	95189,99	-86938,810
1336+0,00	0,69	1,45	54,23	14,73	8305,41	95204,72	-86899,310
1337+0,00	0,52	2,85	12,53	42,18	8317,94	95246,90	-86928,960
1338+0,00	0,19	3,87	7,15	67,22	8325,08	95314,12	-86989,040
1339+0,00	0,13	3,92	3,31	76,89	8328,40	95391,01	-87062,610
1340+0,00	0,14	3,72	2,78	75,40	8331,18	95466,41	-87135,230
1341+0,00	0,10	3,75	2,34	74,71	8333,52	95541,13	-87207,610
1342+0,00	0,12	3,60	2,16	72,85	8335,68	95613,98	-87278,300
1343+0,00	0,00	3,95	1,21	74,03	8336,89	95688,01	-87351,120
1344+0,00	0,04	2,42	0,44	62,42	8337,33	95750,42	-87413,090
1345+0,00	0,00	3,17	0,42	55,81	8337,75	95806,23	-87468,480
1346+0,00	0,00	3,33	0,00	64,79	8337,75	95871,02	-87533,270
1347+0,00	0,00	3,39	0,00	67,29	8337,75	95938,31	-87600,560
1348+0,00	0,00	3,21	0,00	65,94	8337,75	96004,25	-87666,500
1349+0,00	0,00	3,78	0,00	69,85	8337,75	96074,10	-87736,350
1350+0,00	0,00	3,31	0,00	71,07	8337,75	96145,17	-87807,420
1351+0,00	0,00	3,31	0,00	66,25	8337,75	96211,42	-87873,670
1352+0,00	0,00	3,35	0,00	66,57	8337,75	96277,99	-87940,240
1353+0,00	0,00	3,32	0,00	66,86	8337,75	96344,85	-88007,100
1354+0,00	0,00	3,38	0,00	67,20	8337,75	96412,06	-88074,310
1355+0,00	0,00	3,44	0,00	68,44	8337,75	96480,50	-88142,750
1356+0,00	0,00	3,42	0,00	68,63	8337,75	96549,13	-88211,380
1357+0,00	0,00	3,26	0,00	66,76	8337,75	96615,89	-88278,140
1358+0,00	0,00	3,30	0,00	65,60	8337,75	96681,49	-88343,740
1359+0,00	0,00	3,38	0,00	66,82	8337,75	96748,31	-88410,560
1360+0,00	0,00	3,40	0,00	67,80	8337,75	96816,11	-88478,360
1361+0,00	0,00	3,48	0,00	68,77	8337,75	96884,88	-88547,130
1362+0,00	0,00	3,49	0,00	69,73	8337,75	96954,60	-88616,850
1363+0,00	0,00	3,54	0,00	70,28	8337,75	97024,88	-88687,130
1364+0,00	0,00	3,12	0,00	66,59	8337,75	97091,47	-88753,720
1365+0,00	0,00	2,76	0,00	58,84	8337,75	97150,32	-88812,570
1366+0,00	0,01	1,03	0,13	37,89	8337,89	97188,20	-88850,310
1367+0,00	0,55	0,02	5,69	10,45	8343,57	97198,65	-88855,080
1368+0,00	0,62	0,08	11,68	1,02	8355,25	97199,67	-88844,420
1369+0,00	0,33	0,39	9,49	4,73	8364,74	97204,41	-88839,670
1370+0,00	0,15	0,75	4,78	11,48	8369,52	97215,89	-88846,370
1371+0,00	0,00	1,83	1,53	25,76	8371,05	97241,65	-88870,600
1372+0,00	0,00	4,71	0,03	65,42	8371,07	97307,07	-88936,000
1373+0,00	0,00	8,28	0,00	129,98	8371,07	97437,05	-89065,980
1374+0,00	0,00	7,93	0,00	162,12	8371,07	97599,17	-89228,100
1375+0,00	0,00	9,05	0,00	169,81	8371,07	97768,98	-89397,910
1376+0,00	0,00	7,69	0,00	167,47	8371,07	97936,46	-89565,390
1377+0,00	0,00	6,75	0,00	144,38	8371,07	98080,84	-89709,770
1378+0,00	0,00	4,62	0,00	113,75	8371,07	98194,59	-89823,520
1379+0,00	0,00	3,17	0,00	77,99	8371,07	98272,59	-89901,520
1380+0,00	0,00	3,26	0,00	64,20	8371,07	98336,79	-89965,720
1381+0,00	0,00	3,64	0,00	69,05	8371,07	98405,83	-90034,760
1382+0,00	0,00	3,46	0,00	71,16	8371,07	98476,99	-90105,920
1383+0,00	0,00	3,53	0,00	69,63	8371,07	98546,62	-90175,550
1384+0,00	0,00	3,58	0,00	70,35	8371,07	98616,97	-90245,900
1385+0,00	0,00	3,40	0,00	69,42	8371,07	98686,39	-90315,320
1386+0,00	0,00	3,46	0,00	68,60	8371,07	98754,98	-90383,910
1387+0,00	0,00	3,36	0,00	68,14	8371,07	98823,12	-90452,050
1388+0,00	0,00	4,23	0,00	76,39	8371,07	98899,51	-90528,440
1389+0,00	0,00	5,22	0,00	95,03	8371,07	98994,54	-90623,470
1390+0,00	0,00	3,58	0,00	88,35	8371,07	99082,89	-90711,820
1391+0,00	0,00	3,03	0,00	66,48	8371,07	99149,37	-90778,300
1392+0,00	0,00	3,80	0,00	68,10	8371,07	99217,48	-90846,410
1393+0,00	0,00	3,58	0,00	73,07	8371,07	99290,54	-90919,470
1394+0,00	0,00	3,34	0,00	68,46	8371,07	99359,01	-90987,940
1395+0,00	0,00	3,27	0,00	66,08	8371,07	99425,08	-91054,010
1396+0,00	0,00	3,25	0,00	65,38	8371,07	99490,46	-91119,390
1397+0,00	0,00	3,70	0,00	69,22	8371,07	99559,68	-91188,610
1398+0,00	0,00	8,23	0,00	119,18	8371,07	99678,86	-91307,790

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1399+0,00	0,00	12,70	0,00	209,37	8371,07	99888,23	-91517,160
1400+0,00	0,00	13,77	0,00	265,72	8371,07	100153,95	-91782,880
1401+0,00	0,00	13,75	0,00	275,25	8371,07	100429,20	-92058,130
1402+0,00	0,00	14,38	0,00	281,24	8371,07	100710,44	-92339,370
1403+0,00	0,00	15,23	0,00	295,87	8371,07	101006,31	-92635,240
1404+0,00	0,00	14,45	0,00	296,83	8371,07	101303,14	-92932,070
1405+0,00	0,00	15,16	0,00	296,11	8371,07	101599,25	-93228,180
1406+0,00	0,00	14,22	0,00	294,08	8371,07	101893,33	-93522,260
1407+0,00	0,00	13,65	0,00	278,71	8371,07	102172,04	-93800,970
1408+0,00	0,00	12,04	0,00	256,99	8371,07	102429,03	-94057,960
1409+0,00	0,00	9,24	0,00	212,74	8371,07	102641,77	-94270,700
1410+0,00	0,00	6,34	0,00	155,72	8371,07	102797,50	-94426,430
1411+0,00	0,00	3,37	0,00	97,06	8371,07	102894,56	-94523,490
1412+0,00	0,00	3,38	0,00	67,80	8371,07	102962,36	-94591,290
1413+0,00	0,00	3,30	0,00	67,38	8371,07	103029,74	-94658,670
1414+0,00	0,00	3,36	0,00	66,72	8371,07	103096,46	-94725,390
1415+0,00	0,00	3,38	0,00	67,51	8371,07	103163,97	-94792,900
1416+0,00	0,00	2,47	0,00	58,53	8371,07	103222,50	-94851,430
1417+0,00	0,00	3,55	0,00	60,15	8371,07	103282,65	-94911,580
1418+0,00	0,00	3,65	0,00	72,12	8371,07	103354,77	-94983,700
1419+0,00	0,00	2,69	0,00	63,25	8371,07	103418,02	-95046,950
1420+0,00	0,00	2,50	0,00	51,91	8371,07	103469,93	-95098,860
1421+0,00	0,00	3,43	0,00	59,17	8371,07	103529,10	-95158,030
1422+0,00	0,00	3,39	0,00	68,15	8371,07	103597,25	-95226,180
1423+0,00	0,00	3,33	0,00	67,21	8371,07	103664,46	-95293,390
1424+0,00	0,00	3,28	0,00	66,16	8371,07	103730,63	-95359,560
1425+0,00	0,00	2,61	0,00	58,90	8371,07	103789,53	-95418,460
1426+0,00	0,00	2,14	0,00	47,59	8371,07	103837,11	-95466,040
1427+0,00	0,00	3,26	0,00	54,05	8371,07	103891,17	-95520,100
1428+0,00	0,00	2,91	0,00	61,72	8371,07	103952,88	-95581,810
1429+0,00	0,00	1,39	0,00	42,97	8371,07	103995,85	-95624,780
1430+0,00	0,00	2,88	0,00	42,69	8371,07	104038,54	-95667,470
1431+0,00	0,00	3,14	0,00	60,20	8371,07	104098,75	-95727,680
1432+0,00	0,00	3,24	0,00	63,76	8371,07	104162,51	-95791,440
1433+0,00	0,00	3,20	0,00	64,41	8371,07	104226,92	-95855,850
1434+0,00	0,00	3,26	0,00	64,67	8371,07	104291,58	-95920,510
1435+0,00	0,00	3,80	0,00	70,65	8371,07	104362,23	-95991,160
1436+0,00	0,00	3,75	0,00	75,50	8371,07	104437,73	-96066,660
1437+0,00	0,00	3,35	0,00	70,92	8371,07	104508,65	-96137,580
1438+0,00	0,00	3,26	0,00	66,08	8371,07	104574,73	-96203,660
1439+0,00	0,00	3,38	0,00	66,44	8371,07	104641,17	-96270,100
1440+0,00	0,00	3,00	0,00	63,81	8371,07	104704,98	-96333,910
1441+0,00	0,00	3,26	0,00	62,61	8371,07	104767,59	-96396,520
1442+0,00	0,00	3,25	0,00	65,00	8371,07	104832,59	-96461,520
1443+0,00	0,00	3,23	0,00	64,49	8371,07	104897,08	-96526,010
1444+0,00	0,00	3,46	0,00	66,81	8371,07	104963,89	-96592,820
1445+0,00	0,00	3,48	0,00	69,30	8371,07	105033,19	-96662,120
1446+0,00	0,00	0,00	0,00	34,90	8371,07	105068,09	-96697,020
1447+0,00	0,00	2,21	0,00	22,02	8371,07	105090,11	-96719,040
1448+0,00	0,00	2,37	0,00	46,47	8371,07	105136,58	-96765,510
1449+0,00	0,00	3,14	0,00	55,48	8371,07	105192,06	-96820,990
1450+0,00	0,00	0,00	0,00	31,36	8371,07	105223,42	-96852,350
1451+0,00	0,00	3,67	0,00	37,05	8371,07	105260,47	-96889,400
1452+0,00	0,00	3,42	0,00	70,91	8371,07	105331,38	-96960,310
1453+0,00	0,00	3,33	0,00	67,51	8371,07	105398,89	-97027,820
1454+0,00	0,00	2,88	0,00	61,97	8371,07	105460,85	-97089,780
1455+0,00	0,00	3,04	0,00	59,19	8371,07	105520,04	-97148,970
1456+0,00	0,00	2,39	0,00	54,37	8371,07	105574,41	-97203,340
1457+0,00	0,30	0,59	2,98	29,88	8374,06	105604,29	-97230,230
1458+0,00	2,05	0,00	23,53	5,94	8397,59	105610,23	-97212,640
1459+0,00	4,69	0,00	67,45	0,00	8465,04	105610,23	-97145,190
1460+0,00	6,09	0,00	107,78	0,00	8572,82	105610,23	-97037,410
1461+0,00	3,60	0,00	96,75	0,00	8669,57	105610,23	-96940,660
1462+0,00	0,94	0,09	45,39	0,93	8714,96	105611,16	-96896,200

Revisão Técnica
Departamento de
Projetos Viários
Secretaria de

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1463+0,00	0,00	1,84	9,36	19,31	8724,31	105630,47	-96906,160
1464+0,00	0,00	2,15	0,00	39,90	8724,31	105670,36	-96946,050
1465+0,00	0,37	0,39	3,70	25,35	8728,01	105695,71	-96967,700
1466+0,00	0,59	0,04	9,56	4,27	8737,57	105699,97	-96962,400
1467+0,00	0,15	0,52	7,40	5,63	8744,97	105705,61	-96960,640
1468+0,00	0,00	1,43	1,51	19,52	8746,48	105725,13	-96978,650
1469+0,00	0,00	2,49	0,00	39,17	8746,48	105764,30	-97017,820
1470+0,00	0,00	3,14	0,00	56,26	8746,48	105820,57	-97074,090
1471+0,00	0,00	3,26	0,00	64,05	8746,48	105884,62	-97138,140
1472+0,00	0,00	3,51	0,00	67,92	8746,48	105952,54	-97206,060
1473+0,00	0,00	3,39	0,00	68,99	8746,48	106021,53	-97275,050
1474+0,00	0,00	3,55	0,00	69,60	8746,48	106091,13	-97344,650
1475+0,00	0,00	3,50	0,00	70,54	8746,48	106161,67	-97415,190
1476+0,00	0,00	3,48	0,00	69,93	8746,48	106231,60	-97485,120
1477+0,00	0,00	3,36	0,00	68,39	8746,48	106299,99	-97553,510
1478+0,00	0,00	3,41	0,00	67,70	8746,48	106367,70	-97621,220
1479+0,00	0,00	4,05	0,00	74,56	8746,48	106442,25	-97695,770
1480+0,00	0,00	4,48	0,00	85,36	8746,48	106527,62	-97781,140
1481+0,00	0,00	3,41	0,00	78,90	8746,48	106606,51	-97860,030
1482+0,00	0,00	3,22	0,00	66,29	8746,48	106672,81	-97926,330
1483+0,00	0,00	3,15	0,00	63,73	8746,48	106736,53	-97990,050
1484+0,00	0,00	2,92	0,00	60,64	8746,48	106797,17	-98050,690
1485+0,00	0,00	3,06	0,00	59,83	8746,48	106857,01	-98110,530
1486+0,00	0,00	3,36	0,00	64,23	8746,48	106921,24	-98174,760
1487+0,00	0,00	4,25	0,00	76,09	8746,48	106997,33	-98250,850
1488+0,00	0,00	4,01	0,00	82,66	8746,48	107079,99	-98333,510
1489+0,00	0,00	3,19	0,00	72,06	8746,48	107152,05	-98405,570
1490+0,00	0,00	1,24	0,00	44,30	8746,48	107196,34	-98449,860
1491+0,00	0,61	0,00	6,18	12,34	8752,66	107208,68	-98456,020
1492+0,00	2,43	0,00	30,40	0,00	8783,06	107208,68	-98425,620
1493+0,00	2,07	0,00	44,98	0,00	8828,03	107208,68	-98380,650
1494+0,00	3,09	0,00	51,61	0,00	8879,65	107208,68	-98329,030
1495+0,00	1,61	0,00	47,03	0,00	8926,67	107208,68	-98282,010
1496+0,00	0,13	0,07	17,39	0,71	8944,06	107209,40	-98265,340
1497+0,00	0,00	1,46	1,30	15,30	8945,37	107224,70	-98279,330
1498+0,00	0,00	2,88	0,00	43,35	8945,37	107268,05	-98322,680
1499+0,00	0,00	3,60	0,00	64,78	8945,37	107332,83	-98387,460
1500+0,00	0,00	3,36	0,00	69,58	8945,37	107402,41	-98457,040
1501+0,00	0,00	3,16	0,00	65,19	8945,37	107467,61	-98522,240
1502+0,00	0,00	2,35	0,00	55,14	8945,37	107522,74	-98577,370
1503+0,00	0,00	1,63	0,00	39,79	8945,37	107562,53	-98617,160
1504+0,00	0,00	2,51	0,00	41,39	8945,37	107603,93	-98658,560
1505+0,00	0,00	3,36	0,00	58,81	8945,37	107662,73	-98717,360
1506+0,00	0,00	3,26	0,00	66,17	8945,37	107728,91	-98783,540
1507+0,00	0,00	2,86	0,00	61,28	8945,37	107790,19	-98844,820
1508+0,00	0,00	3,44	0,00	62,95	8945,37	107853,14	-98907,770
1509+0,00	0,00	3,58	0,00	69,90	8945,37	107923,04	-98977,670
1510+0,00	0,00	3,36	0,00	69,06	8945,37	107992,10	-99046,730
1511+0,00	0,00	3,19	0,00	65,31	8945,37	108057,41	-99112,040
1512+0,00	0,00	1,91	0,00	50,95	8945,37	108108,36	-99162,990
1513+0,00	0,00	5,32	0,00	72,34	8945,37	108180,70	-99235,330
1514+0,00	0,00	5,32	0,00	106,54	8945,37	108287,24	-99341,870
1515+0,00	0,00	5,28	0,00	106,00	8945,37	108393,24	-99447,870
1516+0,00	0,00	4,46	0,00	97,41	8945,37	108490,65	-99545,280
1517+0,00	0,00	3,67	0,00	81,08	8945,37	108571,73	-99626,360
1518+0,00	0,00	1,35	0,00	50,17	8945,37	108621,90	-99676,530
1519+0,00	0,00	1,88	0,00	32,18	8945,37	108654,08	-99708,710
1520+0,00	0,00	2,42	0,00	42,94	8945,37	108697,01	-99751,640
1521+0,00	0,00	3,38	0,00	58,10	8945,37	108755,12	-99809,750
1522+0,00	0,00	5,88	0,00	92,61	8945,37	108847,73	-99902,360
1523+0,00	0,00	5,21	0,00	110,91	8945,37	108958,63	-100013,260
1524+0,00	0,00	3,09	0,00	83,04	8945,37	109041,67	-100096,300
1525+0,00	0,00	2,20	0,00	52,90	8945,37	109094,57	-100149,200
1526+0,00	0,00	1,55	0,00	37,49	8945,37	109132,06	-100186,690

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1527+0,00	0,00	0,98	0,01	25,30	8945,38	109157,36	-100211,980
1528+0,00	0,00	1,17	0,01	21,56	8945,39	109178,92	-100233,530
1529+0,00	0,00	2,12	0,00	32,95	8945,39	109211,86	-100266,470
1530+0,00	0,00	3,49	0,00	56,21	8945,39	109268,08	-100322,690
1531+0,00	0,00	3,47	0,00	69,61	8945,39	109337,69	-100392,300
1532+0,00	0,00	3,52	0,00	69,83	8945,39	109407,52	-100462,130
1533+0,00	0,00	2,88	0,00	63,97	8945,39	109471,49	-100526,100
1534+0,00	0,00	3,37	0,00	62,54	8945,39	109534,03	-100588,640
1535+0,00	0,00	3,38	0,00	67,49	8945,39	109601,53	-100656,140
1536+0,00	0,00	3,30	0,00	66,76	8945,39	109668,29	-100722,900
1537+0,00	0,00	3,36	0,00	66,63	8945,39	109734,92	-100789,530
1538+0,00	0,00	3,58	0,00	69,47	8945,39	109804,39	-100859,000
1539+0,00	0,00	3,35	0,00	69,36	8945,39	109873,75	-100928,360
1540+0,00	0,00	3,41	0,00	67,71	8945,39	109941,46	-100996,070
1541+0,00	0,00	3,85	0,00	72,59	8945,39	110014,06	-101068,670
1542+0,00	0,00	4,77	0,00	86,20	8945,39	110100,26	-101154,870
1543+0,00	0,00	6,36	0,00	111,33	8945,39	110211,59	-101266,200
1544+0,00	0,00	4,97	0,00	113,29	8945,39	110324,88	-101379,490
1545+0,00	0,00	3,24	0,00	82,01	8945,39	110406,90	-101461,510
1546+0,00	0,00	3,29	0,00	65,26	8945,39	110472,15	-101526,760
1547+0,00	0,00	3,40	0,00	66,83	8945,39	110538,98	-101593,590
1548+0,00	0,00	3,58	0,00	69,80	8945,39	110608,78	-101663,390
1549+0,00	0,00	3,48	0,00	70,66	8945,39	110679,44	-101734,050
1550+0,00	0,00	3,29	0,00	67,65	8945,39	110747,10	-101801,710
1551+0,00	0,00	3,26	0,00	65,41	8945,39	110812,50	-101867,110
1552+0,00	0,00	2,96	0,00	62,13	8945,39	110874,64	-101929,250
1553+0,00	0,00	1,40	0,00	43,61	8945,39	110918,24	-101972,850
1554+0,00	0,00	1,55	0,00	29,59	8945,39	110947,83	-102002,440
1555+0,00	0,00	1,88	0,00	33,95	8945,39	110981,78	-102036,390
1556+0,00	0,00	3,35	0,00	52,06	8945,39	111033,84	-102088,450
1557+0,00	0,00	4,75	0,00	80,59	8945,39	111114,43	-102169,040
1558+0,00	0,00	5,74	0,00	104,96	8945,39	111219,39	-102274,000
1559+0,00	0,00	6,41	0,00	121,16	8945,39	111340,55	-102395,160
1560+0,00	0,00	6,03	0,00	124,37	8945,39	111464,92	-102519,530
1561+0,00	0,00	5,31	0,00	112,86	8945,39	111577,78	-102632,390
1562+0,00	0,00	3,78	0,00	90,63	8945,39	111668,41	-102723,020
1563+0,00	0,00	2,74	0,00	65,24	8945,39	111733,65	-102788,260
1564+0,00	0,97	0,11	9,67	28,62	8955,06	111762,27	-102807,210
1565+0,00	1,38	0,00	23,56	1,09	8978,62	111763,36	-102784,740
1566+0,00	0,26	0,90	16,20	9,15	8994,82	111772,51	-102777,690
1567+0,00	0,00	2,21	2,59	31,08	8997,41	111803,59	-102806,180
1568+0,00	0,00	3,34	0,00	56,32	8997,41	111859,91	-102862,500
1569+0,00	0,00	3,25	0,00	65,85	8997,41	111925,75	-102928,340
1570+0,00	0,13	2,66	1,34	59,08	8998,75	111984,84	-102986,090
1571+0,00	0,11	3,38	2,48	60,42	9001,22	112045,26	-103044,040
1572+0,00	0,13	4,04	2,44	73,99	9003,66	112119,25	-103115,590
1573+0,00	0,22	3,84	3,50	78,14	9007,16	112197,39	-103190,230
1574+0,00	0,25	3,64	4,67	74,77	9011,83	112272,16	-103260,330
1575+0,00	0,94	1,51	11,95	51,49	9023,77	112323,65	-103299,880
1576+0,00	3,13	0,08	40,70	15,91	9064,47	112339,56	-103275,090
1577+0,00	2,83	0,33	59,61	4,11	9124,08	112343,67	-103219,590
1578+0,00	1,44	0,00	42,76	3,28	9166,84	112346,95	-103180,110
1579+0,00	0,27	3,07	17,14	30,73	9183,98	112377,68	-103193,700
1580+0,00	0,00	3,15	2,75	62,02	9186,72	112439,70	-103252,980
1581+0,00	0,00	3,71	0,00	68,58	9186,72	112508,29	-103321,570
1582+0,00	0,00	0,00	0,00	37,11	9186,72	112545,40	-103358,680
1583+0,00	0,00	0,00	0,00	0,00	9186,72	112545,40	-103358,680
1584+0,00	0,00	3,16	0,00	31,59	9186,72	112576,99	-103390,270
1585+0,00	0,00	4,26	0,00	74,15	9186,72	112651,14	-103464,420
1586+0,00	0,00	4,58	0,00	88,38	9186,72	112739,52	-103552,800
1587+0,00	0,00	3,44	0,00	79,98	9186,72	112819,50	-103632,780
1588+0,00	0,00	3,25	0,00	66,90	9186,72	112886,39	-103699,670
1589+0,00	0,00	3,30	0,00	65,47	9186,72	112951,86	-103765,140
1590+0,00	0,00	3,95	0,00	72,73	9186,72	113024,59	-103837,870

Osvaldo Leoncio da S... Filho
Diretor de Projetos de E...
Projetos e Obras - Dep...
Secretaria de O...

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1591+0,00	0,00	3,85	0,00	77,99	9186,72	113102,58	-103915,860
1592+0,00	0,04	3,87	0,45	75,74	9187,18	113178,32	-103991,140
1593+0,00	0,12	0,00	1,64	38,51	9188,82	113216,82	-104028,000
1594+0,00	0,06	4,04	1,83	40,32	9190,64	113257,14	-104066,500
1595+0,00	0,09	3,57	1,58	75,94	9192,22	113333,08	-104140,860
1596+0,00	0,09	3,58	1,76	72,10	9193,98	113405,18	-104211,200
1597+0,00	0,02	3,19	0,98	69,64	9194,96	113474,82	-104279,860
1598+0,00	0,00	3,13	0,21	63,95	9195,17	113538,77	-104343,600
1599+0,00	0,00	0,00	0,02	31,27	9195,19	113570,05	-104374,860
1600+0,00	0,00	3,43	0,00	34,16	9195,19	113604,21	-104409,020
1601+0,00	0,00	3,28	0,00	66,56	9195,19	113670,76	-104475,570
1602+0,00	0,00	3,38	0,00	66,53	9195,19	113737,29	-104542,100
1603+0,00	0,00	3,20	0,00	65,92	9195,19	113803,21	-104608,020
1604+0,00	0,00	3,20	0,00	63,95	9195,19	113867,16	-104671,970
1605+0,00	0,00	3,41	0,00	66,03	9195,19	113933,19	-104738,000
1606+0,00	0,00	3,44	0,00	68,51	9195,19	114001,70	-104806,510
1607+0,00	0,00	3,48	0,00	68,60	9195,19	114070,30	-104875,110
1608+0,00	0,00	8,63	0,00	121,11	9195,19	114191,40	-104996,210
1609+0,00	0,00	12,98	0,00	215,59	9195,19	114406,99	-105211,800
1610+0,00	0,00	14,64	0,00	276,54	9195,19	114683,53	-105488,340
1611+0,00	0,00	7,96	0,00	226,27	9195,19	114909,80	-105714,610
1612+0,00	0,00	3,81	0,00	117,91	9195,19	115027,71	-105832,520
1613+0,00	0,00	1,15	0,00	49,74	9195,19	115077,45	-105882,260
1614+0,00	0,00	2,26	0,00	34,14	9195,19	115111,59	-105916,400
1615+0,00	0,00	3,67	0,00	59,30	9195,19	115170,89	-105975,700
1616+0,00	0,00	3,64	0,00	73,05	9195,19	115243,94	-106048,750
1617+0,00	0,00	3,34	0,00	69,77	9195,19	115313,71	-106118,520
1618+0,00	0,00	4,28	0,00	76,24	9195,19	115389,95	-106194,760
1619+0,00	0,00	8,71	0,00	129,88	9195,19	115519,83	-106324,640
1620+0,00	0,00	7,23	0,00	159,34	9195,19	115679,18	-106483,990
1621+0,00	0,00	3,87	0,00	110,95	9195,19	115790,12	-106594,930
1622+0,00	0,00	3,17	0,00	70,31	9195,19	115860,43	-106665,240
1623+0,00	0,00	3,34	0,00	65,01	9195,19	115925,44	-106730,250
1624+0,00	0,00	2,63	0,00	59,77	9195,19	115985,22	-106790,030
1625+0,00	0,00	3,52	0,00	61,42	9195,19	116046,63	-106851,440
1626+0,00	0,00	3,49	0,00	69,08	9195,19	116115,72	-106920,530
1627+0,00	0,00	3,36	0,00	68,15	9195,19	116183,87	-106988,680
1628+0,00	0,00	3,46	0,00	68,24	9195,19	116252,11	-107056,920
1629+0,00	0,01	3,60	0,08	70,14	9195,27	116322,25	-107126,980
1630+0,00	0,01	3,50	0,18	70,06	9195,46	116392,31	-107196,850
1631+0,00	0,04	3,50	0,47	69,55	9195,93	116461,87	-107265,940
1632+0,00	0,00	3,65	0,37	71,48	9196,30	116533,35	-107337,050
1633+0,00	0,00	3,91	0,00	75,61	9196,30	116608,96	-107412,660
1634+0,00	0,00	3,61	0,00	75,65	9196,30	116684,61	-107488,310
1635+0,00	0,00	3,62	0,00	72,39	9196,30	116757,00	-107560,700
1636+0,00	0,00	3,37	0,00	70,04	9196,30	116827,04	-107630,740
1637+0,00	0,00	3,53	0,00	68,87	9196,30	116895,91	-107699,610
1638+0,00	0,00	3,99	0,00	74,72	9196,30	116970,63	-107774,330
1639+0,00	0,00	4,31	0,00	83,02	9196,30	117053,65	-107857,350
1640+0,00	0,00	4,06	0,00	83,60	9196,30	117137,25	-107940,950
1641+0,00	0,00	3,00	0,00	70,59	9196,30	117207,84	-108011,540
1642+0,00	0,00	2,88	0,00	58,71	9196,30	117266,55	-108070,250
1643+0,00	0,00	3,09	0,00	59,77	9196,30	117326,32	-108130,020
1644+0,00	0,00	3,51	0,00	66,03	9196,30	117392,35	-108196,050
1645+0,00	0,00	3,65	0,00	72,16	9196,30	117464,51	-108268,210
1646+0,00	0,00	3,40	0,00	70,50	9196,30	117535,01	-108338,710
1647+0,00	0,07	3,08	0,70	64,66	9197,00	117599,67	-108402,670
1648+0,00	0,05	0,00	1,23	30,58	9198,23	117630,24	-108432,010
1649+0,00	0,06	3,60	1,08	35,76	9199,32	117666,01	-108466,690
1650+0,00	0,12	3,52	1,73	71,17	9201,05	117737,17	-108536,120
1651+0,00	0,04	3,63	1,62	71,29	9202,67	117808,46	-108605,790
1652+0,00	0,02	3,71	0,63	73,32	9203,30	117881,78	-108678,480
1653+0,00	0,04	3,56	0,61	72,83	9203,91	117954,61	-108750,700
1654+0,00	0,04	3,53	0,76	71,68	9204,67	118026,28	-108821,610

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1655+0,00	0,07	3,69	1,05	73,08	9205,73	118099,36	-108893,630
1656+0,00	0,03	3,07	0,97	68,07	9206,69	118167,43	-108960,740
1657+0,00	0,03	3,41	0,62	64,78	9207,31	118232,21	-109024,900
1658+0,00	0,04	3,42	0,75	68,37	9208,06	118300,58	-109092,520
1659+0,00	0,11	3,59	1,55	70,13	9209,61	118370,71	-109161,100
1660+0,00	0,07	3,71	1,85	72,94	9211,46	118443,65	-109232,190
1661+0,00	0,25	2,79	3,18	64,94	9214,63	118508,59	-109293,960
1662+0,00	0,36	2,28	6,08	50,69	9220,71	118559,28	-109338,570
1663+0,00	0,11	3,34	4,68	56,23	9225,39	118615,51	-109390,120
1664+0,00	0,07	3,55	1,79	68,87	9227,18	118684,38	-109457,200
1665+0,00	0,09	3,51	1,60	70,51	9228,78	118754,89	-109526,110
1666+0,00	0,13	3,46	2,16	69,67	9230,93	118824,56	-109593,630
1667+0,00	0,00	3,95	1,27	74,39	9232,21	118898,95	-109666,740
1668+0,00	0,01	3,31	0,08	72,64	9232,28	118971,59	-109739,310
1669+0,00	0,13	2,44	1,41	57,57	9233,70	119029,16	-109795,460
1670+0,00	0,00	3,38	1,34	58,23	9235,03	119087,39	-109852,360
1671+0,00	0,00	3,51	0,00	68,94	9235,03	119156,32	-109921,290
1672+0,00	0,00	2,81	0,05	63,25	9235,08	119219,57	-109984,490
1673+0,00	0,07	2,18	0,71	49,86	9235,79	119269,43	-110033,640
1674+0,00	0,17	1,69	2,32	38,63	9238,11	119308,06	-110069,950
1675+0,00	0,01	2,32	1,81	40,06	9239,92	119348,12	-110108,200
1676+0,00	0,01	3,31	0,26	56,25	9240,17	119404,38	-110164,210
1677+0,00	0,00	3,42	0,14	67,54	9240,31	119471,92	-110231,610
1678+0,00	0,02	0,00	0,27	34,36	9240,58	119506,27	-110265,690
1679+0,00	0,33	1,95	3,50	19,53	9244,08	119525,80	-110281,720
1680+0,00	0,71	1,14	10,38	30,92	9254,46	119556,72	-110302,260
1681+0,00	1,31	0,34	20,25	14,76	9274,71	119571,48	-110296,770
1682+0,00	0,00	0,59	13,10	9,32	9287,81	119580,80	-110292,990
1683+0,00	0,92	0,77	9,21	13,64	9297,02	119594,44	-110297,420
1684+0,00	0,14	2,34	10,65	31,18	9307,67	119625,62	-110317,950
1685+0,00	0,00	3,28	1,45	56,13	9309,12	119681,75	-110372,630
1686+0,00	0,00	3,35	0,00	66,20	9309,12	119747,95	-110438,830
1687+0,00	0,00	3,57	0,00	69,00	9309,12	119816,95	-110507,830
1688+0,00	0,00	3,58	0,00	71,47	9309,12	119888,43	-110579,310
1689+0,00	0,00	3,60	0,00	71,03	9309,12	119959,46	-110650,340
1690+0,00	0,00	0,00	0,00	35,91	9309,12	119995,37	-110686,250
1691+0,00	0,61	0,70	6,03	7,06	9315,15	120002,43	-110687,280
1692+0,00	0,00	0,49	6,08	11,92	9321,23	120014,35	-110693,120
1693+0,00	0,00	0,00	0,00	4,92	9321,23	120019,27	-110698,040
1694+0,00	0,00	0,00	0,00	0,00	9321,23	120019,27	-110698,040
1695+0,00	0,00	3,24	0,00	32,41	9321,23	120051,68	-110730,450
1696+0,00	0,00	3,11	0,00	63,51	9321,23	120115,19	-110793,960
1697+0,00	0,00	3,33	0,00	64,40	9321,23	120179,59	-110858,360
1698+0,00	0,00	3,30	0,00	66,30	9321,23	120245,89	-110924,660
1699+0,00	0,00	3,39	0,00	66,95	9321,23	120312,84	-110991,610
1700+0,00	0,00	3,37	0,00	67,65	9321,23	120380,49	-111059,260
1701+0,00	0,00	3,15	0,00	65,26	9321,23	120445,75	-111124,520
1702+0,00	0,00	3,14	0,00	62,94	9321,23	120508,69	-111187,460
1703+0,00	0,00	3,30	0,00	64,32	9321,23	120573,01	-111251,780
1704+0,00	0,00	3,05	0,00	63,50	9321,23	120636,51	-111315,280
1705+0,00	0,00	3,36	0,00	64,21	9321,23	120700,72	-111379,490
1706+0,00	0,00	3,42	0,00	67,49	9321,23	120768,21	-111446,980
1707+0,00	0,00	3,35	0,00	67,66	9321,23	120835,87	-111514,640
1708+0,00	0,00	3,39	0,00	67,41	9321,23	120903,28	-111582,050
1709+0,00	0,00	3,41	0,00	67,87	9321,23	120971,15	-111649,920
1710+0,00	0,00	3,43	0,00	68,34	9321,23	121039,49	-111718,260
1711+0,00	0,00	3,40	0,00	68,08	9321,23	121107,57	-111786,340
1712+0,00	0,00	3,19	0,00	65,97	9321,23	121173,54	-111852,310
1713+0,00	0,00	2,89	0,00	60,88	9321,23	121234,42	-111913,190
1714+0,00	0,00	3,16	0,00	60,53	9321,23	121294,95	-111973,720
1715+0,00	0,00	3,44	0,00	66,15	9321,23	121361,10	-112039,870
1716+0,00	0,00	3,30	0,00	67,45	9321,23	121428,55	-112107,320
1717+0,00	0,00	2,70	0,00	60,03	9321,23	121488,58	-112167,350
1718+0,00	0,00	3,59	0,00	63,14	9321,23	121551,72	-112230,490

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1719+0,00	0,00	0,00	0,00	35,90	9321,23	121587,62	-112266,390
1720+0,00	0,00	3,54	0,00	35,47	9321,23	121623,09	-112301,860
1721+0,00	0,00	3,52	0,00	70,58	9321,23	121693,67	-112372,440
1722+0,00	0,00	2,66	0,02	61,79	9321,25	121755,45	-112434,200
1723+0,00	0,00	1,87	0,02	45,24	9321,26	121800,69	-112479,430
1724+0,00	0,02	2,19	0,20	40,53	9321,47	121841,22	-112519,750
1725+0,00	0,00	2,54	0,22	47,30	9321,69	121888,52	-112566,830
1726+0,00	0,00	3,16	0,01	57,24	9321,70	121945,76	-112624,060
1727+0,00	0,00	3,41	0,00	65,87	9321,70	122011,63	-112689,930
1728+0,00	0,00	3,60	0,00	70,94	9321,70	122082,57	-112760,870
1729+0,00	0,00	3,32	0,00	69,41	9321,70	122151,97	-112830,270
1730+0,00	0,06	3,32	0,62	66,40	9322,32	122218,38	-112896,060
1731+0,00	0,07	3,56	1,34	68,58	9323,66	122286,96	-112963,300
1732+0,00	0,17	3,87	2,49	73,23	9326,14	122360,18	-113034,040
1733+0,00	0,11	3,67	2,87	74,80	9329,02	122434,98	-113105,960
1734+0,00	0,20	3,33	3,14	69,64	9332,16	122504,62	-113172,460
1735+0,00	0,17	2,88	3,70	62,14	9335,85	122566,76	-113230,910
1736+0,00	0,19	3,44	3,57	63,34	9339,42	122630,10	-113290,680
1737+0,00	0,03	3,50	2,11	69,62	9341,53	122699,72	-113358,190
1738+0,00	0,01	3,48	0,37	69,28	9341,90	122769,00	-113427,100
1739+0,00	0,05	3,30	0,65	67,88	9342,56	122836,87	-113494,310
1740+0,00	0,00	3,35	0,59	66,37	9343,15	122903,25	-113560,100
1741+0,00	0,00	3,74	0,04	70,87	9343,19	122974,12	-113630,930
1742+0,00	0,00	3,04	0,00	68,01	9343,19	123042,13	-113698,940
1743+0,00	0,00	3,43	0,00	64,77	9343,19	123106,90	-113763,710
1744+0,00	0,00	3,17	0,00	66,03	9343,19	123172,93	-113829,740
1745+0,00	0,00	3,41	0,00	65,74	9343,19	123238,67	-113895,480
1746+0,00	0,00	4,98	0,00	84,01	9343,19	123322,68	-113979,490
1747+0,00	0,00	5,73	0,00	107,11	9343,19	123429,79	-114086,600
1748+0,00	0,00	3,78	0,00	95,12	9343,19	123524,91	-114181,720
1749+0,00	0,00	3,56	0,00	73,35	9343,19	123598,26	-114255,070
1750+0,00	0,00	3,42	0,00	69,69	9343,19	123667,95	-114324,760
1751+0,00	0,00	4,07	0,00	74,89	9343,19	123742,84	-114399,650
1752+0,00	0,02	3,52	0,17	75,61	9343,36	123818,45	-114475,090
1753+0,00	0,00	0,00	0,19	35,24	9343,55	123853,69	-114510,140
1754+0,00	0,00	3,56	0,07	35,59	9343,62	123889,28	-114545,660
1755+0,00	0,00	4,22	0,05	77,37	9343,66	123966,65	-114622,990
1756+0,00	0,00	5,58	0,00	98,13	9343,66	124064,78	-114721,120
1757+0,00	0,00	3,72	0,00	92,82	9343,66	124157,60	-114813,940
1758+0,00	0,02	2,31	0,21	60,08	9343,87	124217,68	-114873,810
1759+0,00	0,00	3,88	0,20	62,10	9344,08	124279,78	-114935,700
1760+0,00	0,00	2,47	0,00	65,29	9344,08	124345,07	-115000,990
1761+0,00	0,00	2,34	0,00	48,51	9344,08	124393,57	-115049,490
1762+0,00	0,00	3,84	0,00	61,70	9344,08	124455,27	-115111,190
1763+0,00	0,00	3,63	0,00	74,56	9344,08	124529,84	-115185,760
1764+0,00	0,00	3,93	0,00	75,62	9344,08	124605,45	-115261,370
1765+0,00	0,00	3,54	0,00	73,88	9344,08	124679,33	-115335,250
1766+0,00	0,00	0,00	0,00	35,40	9344,08	124714,73	-115370,650
1767+0,00	0,00	3,25	0,00	32,48	9344,08	124747,21	-115403,130
1768+0,00	0,00	3,94	0,00	72,20	9344,08	124819,41	-115475,330
1769+0,00	0,14	1,08	1,34	51,08	9345,42	124870,49	-115525,070
1770+0,00	0,30	1,19	4,31	23,11	9349,73	124893,59	-115543,860
1771+0,00	0,00	2,53	2,98	37,52	9352,71	124931,11	-115578,400
1772+0,00	0,00	3,36	0,00	59,63	9352,71	124990,75	-115638,040
1773+0,00	0,00	3,45	0,00	67,29	9352,71	125058,03	-115705,320
1774+0,00	0,00	3,50	0,00	69,57	9352,71	125127,61	-115774,900
1775+0,00	0,00	3,40	0,00	69,23	9352,71	125196,84	-115844,130
1776+0,00	0,00	3,51	0,00	69,10	9352,71	125265,94	-115913,230
1777+0,00	0,00	3,50	0,00	69,81	9352,71	125335,75	-115983,040
1778+0,00	0,00	3,76	0,00	72,68	9352,71	125408,42	-116055,710
1779+0,00	0,00	3,81	0,00	76,30	9352,71	125484,72	-116132,010
1780+0,00	0,00	3,66	0,00	74,71	9352,71	125559,42	-116206,710
1781+0,00	0,00	3,48	0,00	71,18	9352,71	125630,60	-116277,890
1782+0,00	0,00	3,45	0,00	69,46	9352,71	125700,06	-116347,350

Osvaldo Loureiro da Silv
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Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1783+0,00	0,00	3,49	0,00	69,91	9352,71	125769,98	-116417,270
1784+0,00	0,00	3,27	0,00	68,41	9352,71	125838,38	-116485,670
1785+0,00	0,00	3,60	0,00	69,15	9352,71	125907,53	-116554,820
1786+0,00	0,00	0,00	0,00	35,99	9352,71	125943,52	-116590,810
1787+0,00	0,00	3,62	0,00	36,41	9352,71	125979,93	-116627,220
1788+0,00	0,00	3,06	0,00	66,64	9352,71	126046,56	-116693,850
1789+0,00	0,00	4,03	0,00	70,53	9352,71	126117,09	-116764,380
1790+0,00	0,00	3,15	0,00	71,67	9352,71	126188,76	-116836,050
1791+0,00	0,00	2,61	0,00	57,53	9352,71	126246,29	-116893,580
1792+0,00	0,00	2,90	0,00	54,94	9352,71	126301,23	-116948,520
1793+0,00	0,00	3,31	0,00	61,98	9352,71	126363,22	-117010,510
1794+0,00	0,00	3,37	0,00	66,78	9352,71	126430,00	-117077,290
1795+0,00	0,00	3,28	0,00	66,47	9352,71	126496,47	-117143,760
1796+0,00	0,00	3,17	0,00	64,45	9352,71	126560,92	-117208,210
1797+0,00	0,00	3,31	0,00	64,84	9352,71	126625,77	-117273,060
1798+0,00	0,00	3,39	0,00	67,02	9352,71	126692,78	-117340,070
1799+0,00	0,00	3,53	0,00	69,19	9352,71	126761,98	-117409,270
1800+0,00	0,00	3,20	0,00	67,29	9352,71	126829,27	-117476,560
1801+0,00	0,00	3,36	0,00	65,66	9352,71	126894,92	-117542,210
1802+0,00	0,00	3,40	0,00	68,03	9352,71	126962,95	-117610,240
1803+0,00	0,00	3,62	0,00	69,91	9352,71	127032,86	-117680,150
1804+0,00	0,00	3,31	0,00	69,05	9352,71	127101,91	-117749,200
1805+0,00	0,00	4,02	0,00	73,32	9352,71	127175,23	-117822,520
1806+0,00	0,00	3,39	0,00	74,26	9352,71	127249,49	-117896,780
1807+0,00	0,00	3,37	0,00	67,89	9352,71	127317,38	-117964,670
1808+0,00	0,00	3,21	0,00	66,23	9352,71	127383,61	-118030,900
1809+0,00	0,00	3,50	0,00	67,29	9352,71	127450,91	-118098,200
1810+0,00	0,00	3,50	0,00	70,00	9352,71	127520,91	-118168,200
1811+0,00	0,00	3,61	0,00	71,08	9352,71	127591,99	-118239,280
1812+0,00	0,00	3,62	0,00	72,23	9352,71	127664,22	-118311,510
1813+0,00	0,00	0,00	0,00	36,18	9352,71	127700,40	-118347,690
1814+0,00	0,00	3,30	0,00	32,98	9352,71	127733,38	-118380,670
1815+0,00	0,00	3,28	0,00	65,77	9352,71	127799,15	-118446,440
1816+0,00	0,00	3,21	0,00	64,86	9352,71	127864,00	-118511,290
1817+0,00	0,00	3,51	0,00	66,98	9352,71	127930,98	-118578,270
1818+0,00	0,00	3,38	0,00	68,82	9352,71	127999,80	-118647,090
1819+0,00	0,00	3,45	0,00	68,16	9352,71	128067,96	-118715,250
1820+0,00	0,00	3,70	0,00	71,27	9352,71	128139,23	-118786,520
1821+0,00	0,00	3,73	0,00	74,40	9352,71	128213,63	-118860,920
1822+0,00	0,00	3,65	0,00	74,01	9352,71	128287,64	-118934,930
1823+0,00	0,00	3,42	0,00	71,12	9352,71	128358,77	-119006,060
1824+0,00	0,00	3,80	0,00	72,32	9352,71	128431,09	-119078,380
1825+0,00	0,00	3,39	0,00	72,67	9352,71	128503,76	-119151,050
1826+0,00	0,00	3,37	0,00	68,70	9352,71	128572,46	-119219,750
1827+0,00	0,00	3,21	0,00	65,65	9352,71	128638,12	-119285,410
1828+0,00	0,00	3,61	0,00	67,71	9352,71	128705,83	-119353,120
1829+0,00	0,00	3,57	0,00	71,72	9352,71	128777,55	-119424,840
1830+0,00	0,00	3,46	0,00	70,29	9352,71	128847,84	-119495,130
1831+0,00	0,00	3,39	0,00	68,64	9352,71	128916,47	-119563,760
1832+0,00	0,00	3,22	0,00	66,16	9352,71	128982,64	-119629,930
1833+0,00	0,00	2,58	0,00	58,01	9352,71	129040,65	-119687,940
1834+0,00	0,00	1,48	0,00	40,56	9352,71	129081,21	-119728,500
1835+0,00	0,00	1,84	0,00	33,18	9352,71	129114,39	-119761,680
1836+0,00	0,00	2,75	0,00	45,87	9352,71	129160,26	-119807,550
1837+0,00	0,00	3,58	0,00	63,27	9352,71	129223,53	-119870,820
1838+0,00	0,00	3,45	0,00	70,31	9352,71	129293,84	-119941,130
1839+0,00	0,00	3,29	0,00	67,40	9352,71	129361,24	-120008,530
1840+0,00	0,00	3,85	0,00	71,40	9352,71	129432,64	-120079,930
1841+0,00	0,00	3,69	0,00	75,44	9352,71	129508,08	-120155,370
1842+0,00	0,00	3,44	0,00	71,37	9352,71	129579,45	-120226,740
1843+0,00	0,00	3,46	0,00	69,05	9352,71	129648,49	-120295,780
1844+0,00	0,00	3,44	0,00	69,01	9352,71	129717,50	-120364,790
1845+0,00	0,00	3,41	0,00	68,53	9352,71	129786,03	-120433,320
1846+0,00	0,00	3,52	0,00	69,33	9352,71	129855,37	-120502,660

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Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1847+0,00	0,00	3,16	0,00	66,75	9352,71	129922,12	-120569,410
1848+0,00	0,00	3,17	0,00	63,14	9352,71	129985,26	-120632,550
1849+0,00	0,00	3,33	0,00	64,97	9352,71	130050,23	-120697,520
1850+0,00	0,00	3,47	0,00	68,01	9352,71	130118,24	-120765,530
1851+0,00	0,00	3,54	0,00	70,15	9352,71	130188,40	-120835,690
1852+0,00	0,00	3,06	0,00	66,30	9352,71	130254,70	-120901,990
1853+0,00	0,00	3,47	0,00	65,23	9352,71	130319,93	-120967,220
1854+0,00	0,00	3,74	0,00	72,03	9352,71	130391,96	-121039,250
1855+0,00	0,00	3,18	0,00	69,17	9352,71	130461,13	-121108,420
1856+0,00	0,00	3,58	0,00	67,67	9352,71	130528,80	-121176,090
1857+0,00	0,00	3,43	0,00	70,08	9352,71	130598,89	-121246,180
1858+0,00	0,00	3,37	0,00	68,00	9352,71	130666,88	-121314,170
1859+0,00	0,00	3,24	0,00	66,15	9352,71	130733,03	-121380,320
1860+0,00	0,00	3,02	0,00	62,53	9352,71	130795,56	-121442,850
1861+0,00	0,00	3,36	0,00	63,83	9352,71	130859,39	-121506,680
1862+0,00	0,00	3,50	0,00	68,61	9352,71	130928,00	-121575,290
1863+0,00	0,00	3,51	0,00	70,25	9352,71	130998,25	-121645,540
1864+0,00	0,00	3,47	0,00	69,82	9352,71	131068,07	-121715,360
1865+0,00	0,00	3,37	0,00	68,68	9352,71	131136,75	-121784,040
1866+0,00	0,00	3,32	0,00	67,00	9352,71	131203,75	-121851,040
1867+0,00	0,00	3,36	0,00	66,89	9352,71	131270,64	-121917,930
1868+0,00	0,00	3,34	0,00	66,99	9352,71	131337,62	-121984,910
1869+0,00	0,00	3,50	0,00	68,32	9352,71	131405,94	-122053,230
1870+0,00	0,00	4,29	0,00	78,01	9352,71	131483,95	-122131,240
1871+0,00	0,00	3,09	0,00	73,74	9352,71	131557,69	-122204,980
1872+0,00	0,00	4,11	0,00	72,06	9352,71	131629,75	-122277,040
1873+0,00	0,00	4,47	0,00	85,81	9352,71	131715,57	-122362,860
1874+0,00	0,00	4,55	0,00	90,10	9352,71	131805,67	-122452,960
1875+0,00	0,00	3,37	0,00	79,20	9352,71	131884,87	-122532,160
1876+0,00	0,00	4,29	0,00	76,57	9352,71	131961,44	-122608,730
1877+0,00	0,00	3,21	0,00	75,01	9352,71	132036,45	-122683,740
1878+0,00	0,00	2,52	0,00	57,50	9352,71	132093,95	-122741,240
1879+0,00	0,00	2,11	0,00	46,43	9352,71	132140,38	-122787,670
1880+0,00	0,00	2,85	0,00	49,66	9352,71	132190,04	-122837,330
1881+0,00	0,00	3,73	0,00	65,84	9352,71	132255,88	-122903,170
1882+0,00	0,00	3,80	0,00	75,31	9352,71	132331,19	-122978,480
1883+0,00	0,00	3,97	0,00	77,67	9352,71	132408,85	-123056,140
1884+0,00	0,00	3,89	0,00	78,58	9352,71	132487,43	-123134,720
1885+0,00	0,00	3,66	0,00	75,59	9352,71	132563,02	-123210,310
1886+0,00	0,00	3,33	0,00	69,62	9352,71	132632,64	-123279,930
1887+0,00	0,00	3,41	0,00	67,38	9352,71	132700,02	-123347,310
1888+0,00	0,00	3,32	0,00	67,36	9352,71	132767,38	-123414,670
1889+0,00	0,00	3,59	0,00	69,09	9352,71	132836,47	-123483,760
1890+0,00	0,00	3,09	0,00	66,90	9352,71	132903,37	-123550,660
1891+0,00	0,00	3,41	0,00	64,93	9352,71	132968,30	-123615,590
1892+0,00	0,00	3,17	0,00	65,74	9352,71	133034,04	-123681,330
1893+0,00	0,00	3,51	0,00	67,04	9352,71	133101,08	-123748,370
1894+0,00	0,00	2,89	0,00	63,99	9352,71	133165,07	-123812,360
1895+0,00	0,01	1,73	0,13	46,17	9352,84	133211,24	-123858,400
1896+0,00	0,01	1,91	0,26	36,38	9353,10	133247,61	-123894,510
1897+0,00	0,00	3,48	0,13	53,85	9353,23	133301,46	-123948,230
1898+0,00	0,00	3,79	0,00	72,98	9353,23	133374,45	-124021,220
1899+0,00	0,00	3,49	0,00	72,55	9353,23	133446,99	-124093,760
1900+0,00	0,00	3,48	0,00	69,74	9353,23	133516,74	-124163,510
1901+0,00	0,00	0,00	0,00	34,77	9353,23	133551,51	-124198,280
1902+0,00	0,00	3,40	0,00	34,03	9353,23	133585,53	-124232,300
1903+0,00	0,00	3,40	0,00	68,40	9353,23	133653,93	-124300,700
1904+0,00	0,00	3,38	0,00	68,20	9353,23	133722,13	-124368,900
1905+0,00	0,00	3,41	0,00	68,26	9353,23	133790,39	-124437,160
1906+0,00	0,00	4,06	0,00	74,70	9353,23	133865,10	-124511,870
1907+0,00	0,00	5,51	0,00	95,55	9353,23	133960,64	-124607,410
1908+0,00	0,00	4,95	0,00	104,58	9353,23	134065,22	-124711,990
1909+0,00	0,00	4,36	0,00	93,24	9353,23	134158,46	-124805,230
1910+0,00	0,00	3,70	0,00	80,62	9353,23	134239,08	-124885,850

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1911+0,00	0,00	3,48	0,00	71,80	9353,23	134310,88	-124957,650
1912+0,00	0,00	3,31	0,00	67,82	9353,23	134378,71	-125025,480
1913+0,00	0,00	0,00	0,00	33,14	9353,23	134411,84	-125058,610
1914+0,00	0,00	3,46	0,00	34,54	9353,23	134446,39	-125093,160
1915+0,00	0,00	3,49	0,00	69,47	9353,23	134515,86	-125162,630
1916+0,00	0,00	3,24	0,00	67,38	9353,23	134583,23	-125230,000
1917+0,00	0,00	2,38	0,00	56,12	9353,23	134639,35	-125286,120
1918+0,00	0,00	3,14	0,00	55,16	9353,23	134694,51	-125341,280
1919+0,00	0,00	3,19	0,00	63,24	9353,23	134757,76	-125404,530
1920+0,00	0,00	3,36	0,00	65,47	9353,23	134823,23	-125470,000
1921+0,00	0,00	3,36	0,00	67,09	9353,23	134890,31	-125537,080
1922+0,00	0,00	3,09	0,00	64,41	9353,23	134954,72	-125601,490
1923+0,00	0,00	2,94	0,00	60,23	9353,23	135014,96	-125661,730
1924+0,00	0,00	2,85	0,00	57,85	9353,23	135072,81	-125719,580
1925+0,00	0,00	0,99	0,01	38,36	9353,24	135111,17	-125757,930
1926+0,00	0,00	0,82	0,01	18,13	9353,26	135129,29	-125776,030
1927+0,00	0,00	2,52	0,00	33,44	9353,26	135162,73	-125809,470
1928+0,00	0,00	1,70	0,00	42,21	9353,26	135204,94	-125851,680
1929+0,00	0,00	2,52	0,00	42,20	9353,26	135247,14	-125893,880
1930+0,00	0,00	3,24	0,00	57,47	9353,26	135304,61	-125951,350
1931+0,00	0,00	3,43	0,00	66,71	9353,26	135371,32	-126018,060
1932+0,00	0,00	3,58	0,00	70,16	9353,26	135441,49	-126088,230
1933+0,00	0,00	3,36	0,00	69,52	9353,26	135511,01	-126157,750
1934+0,00	0,00	3,44	0,00	68,00	9353,26	135579,00	-126225,740
1935+0,00	0,00	3,00	0,00	64,36	9353,26	135643,36	-126290,100
1936+0,00	0,00	3,98	0,00	69,84	9353,26	135713,20	-126359,940
1937+0,00	0,00	3,66	0,00	76,49	9353,26	135789,69	-126436,430
1938+0,00	0,00	3,59	0,00	72,50	9353,26	135862,19	-126508,930
1939+0,00	0,00	4,80	0,00	83,91	9353,26	135946,10	-126592,840
1940+0,00	0,00	3,99	0,00	87,90	9353,26	136034,00	-126680,740
1941+0,00	0,00	4,49	0,00	84,40	9353,26	136118,40	-126765,140
1942+0,00	0,00	5,13	0,00	95,87	9353,26	136214,28	-126861,020
1943+0,00	0,00	3,83	0,00	88,94	9353,26	136303,22	-126949,960
1944+0,00	0,00	3,89	0,00	77,20	9353,26	136380,42	-127027,160
1945+0,00	0,00	3,58	0,00	75,08	9353,26	136455,50	-127102,240
1946+0,00	0,00	4,16	0,00	77,36	9353,26	136532,85	-127179,590
1947+0,00	0,00	3,68	0,00	78,40	9353,26	136611,25	-127257,990
1948+0,00	0,00	3,40	0,00	70,87	9353,26	136682,12	-127328,860
1949+0,00	0,00	0,00	0,00	34,05	9353,26	136716,17	-127362,910
1950+0,00	0,00	3,56	0,00	35,65	9353,26	136751,82	-127398,560
1951+0,00	0,01	3,07	0,10	66,10	9353,36	136817,92	-127464,560
1952+0,00	0,12	2,27	1,28	53,45	9354,64	136871,37	-127516,730
1953+0,00	0,18	2,05	3,00	43,28	9357,64	136914,65	-127557,010
1954+0,00	0,00	3,48	1,84	55,37	9359,49	136970,02	-127610,530
1955+0,00	0,00	3,52	0,03	69,61	9359,52	137039,63	-127680,110
1956+0,00	0,00	3,59	0,02	70,14	9359,53	137109,78	-127750,250
1957+0,00	0,00	3,79	0,00	73,36	9359,53	137183,14	-127823,610
1958+0,00	0,00	4,08	0,00	78,76	9359,53	137261,90	-127902,370
1959+0,00	0,00	3,25	0,00	73,31	9359,53	137335,21	-127975,680
1960+0,00	0,00	3,46	0,00	67,13	9359,53	137402,33	-128042,800
1961+0,00	0,00	3,92	0,00	73,53	9359,53	137475,86	-128116,330
1962+0,00	0,00	4,94	0,00	88,69	9359,53	137564,55	-128205,020
1963+0,00	0,00	4,63	0,00	95,75	9359,53	137660,30	-128300,770
1964+0,00	0,00	3,53	0,00	81,64	9359,53	137741,95	-128382,420
1965+0,00	0,00	3,55	0,00	70,92	9359,53	137812,86	-128453,330
1966+0,00	0,00	3,45	0,00	69,99	9359,53	137882,86	-128523,330
1967+0,00	0,00	2,91	0,02	63,94	9359,56	137946,80	-128587,240
1968+0,00	0,00	3,48	0,02	64,74	9359,58	138011,54	-128651,960
1969+0,00	0,00	3,57	0,00	71,67	9359,58	138083,21	-128723,630
1970+0,00	0,00	3,40	0,00	69,68	9359,58	138152,89	-128793,310
1971+0,00	0,01	3,39	0,14	68,38	9359,72	138221,27	-128861,550
1972+0,00	0,04	3,30	0,56	66,88	9360,28	138288,15	-128927,870
1973+0,00	0,04	3,35	0,85	66,45	9361,13	138354,61	-128993,480
1974+0,00	0,01	3,49	0,50	68,57	9361,64	138423,17	-129061,530

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1975+0,00	0,00	3,52	0,07	70,09	9361,71	138493,26	-129131,550
1976+0,00	0,00	0,00	0,00	35,13	9361,71	138528,39	-129166,680
1977+0,00	0,00	3,71	0,00	37,12	9361,71	138565,51	-129203,800
1978+0,00	0,00	3,68	0,00	73,54	9361,71	138639,05	-129277,340
1979+0,00	0,00	3,71	0,00	73,87	9361,71	138712,92	-129351,210
1980+0,00	0,01	3,59	0,10	73,02	9361,81	138785,94	-129424,130
1981+0,00	0,04	3,51	0,48	70,52	9362,30	138856,46	-129494,160
1982+0,00	0,05	3,44	0,91	69,46	9363,21	138925,92	-129562,710
1983+0,00	0,03	3,68	0,83	71,18	9364,04	138997,10	-129633,060
1984+0,00	0,03	3,71	0,59	74,26	9364,63	139071,37	-129706,740
1985+0,00	0,00	0,00	0,30	37,14	9364,94	139108,50	-129743,560
1986+0,00	0,00	5,48	0,00	54,81	9364,94	139163,32	-129798,380
1987+0,00	0,14	4,15	1,38	96,35	9366,31	139259,67	-129893,360
1988+0,00	0,18	3,62	3,19	77,70	9369,50	139337,36	-129967,860
1989+0,00	0,18	3,45	3,64	70,62	9373,14	139407,98	-130034,840
1990+0,00	0,46	3,18	6,40	66,30	9379,54	139474,28	-130094,740
1991+0,00	0,51	2,88	9,60	61,07	9389,14	139535,35	-130146,210
1992+0,00	0,47	2,64	9,81	55,26	9398,96	139590,61	-130191,650
1993+0,00	0,34	3,38	8,07	60,26	9407,03	139650,87	-130243,840
1994+0,00	0,22	3,79	5,58	72,17	9412,61	139723,04	-130310,430
1995+0,00	0,14	3,78	3,68	75,71	9416,28	139798,74	-130382,460
1996+0,00	0,17	3,76	3,09	75,37	9419,37	139874,12	-130454,750
1997+0,00	0,17	3,34	3,37	71,19	9422,74	139945,31	-130522,570
1998+0,00	0,15	3,35	3,21	66,87	9425,95	140012,19	-130586,240
1999+0,00	0,07	3,60	2,25	69,02	9428,20	140081,20	-130653,000
2000+0,00	0,01	4,04	0,76	77,70	9428,97	140158,90	-130729,930
2001+0,00	0,00	4,35	0,07	83,90	9429,03	140242,81	-130813,780
2002+0,00	0,00	4,93	0,01	93,59	9429,04	140336,40	-130907,360
2003+0,00	0,01	3,49	0,08	85,22	9429,12	140421,62	-130992,500
2004+0,00	0,00	3,57	0,08	71,56	9429,21	140493,17	-131063,960
2005+0,00	0,02	3,42	0,19	69,89	9429,40	140563,07	-131133,670
2006+0,00	0,00	3,19	0,22	66,51	9429,62	140629,58	-131199,960
2007+0,00	0,00	3,18	0,03	63,63	9429,66	140693,20	-131263,540
2008+0,00	0,00	3,39	0,00	65,67	9429,66	140758,87	-131329,210
2009+0,00	0,00	3,43	0,00	68,02	9429,66	140826,89	-131397,230
2010+0,00	0,00	3,16	0,00	65,88	9429,66	140892,77	-131463,110
2011+0,00	0,00	2,32	0,00	54,77	9429,66	140947,54	-131517,880
2012+0,00	0,41	1,50	4,11	38,06	9433,77	140985,59	-131551,820
2013+0,00	1,46	0,00	18,66	15,01	9452,43	141000,61	-131548,180
2014+0,00	1,15	0,72	26,13	7,19	9478,56	141007,80	-131529,240
2015+0,00	0,00	2,93	11,55	36,50	9490,10	141044,30	-131554,200
2016+0,00	0,00	3,55	0,00	64,78	9490,10	141109,08	-131618,980
2017+0,00	0,00	3,06	0,00	66,06	9490,10	141175,14	-131685,040
2018+0,00	0,00	3,39	0,00	64,72	9490,10	141239,85	-131749,750
2019+0,00	0,00	3,47	0,00	68,47	9490,10	141308,33	-131818,230
2020+0,00	0,00	3,40	0,00	68,69	9490,10	141377,02	-131886,920
2021+0,00	0,00	3,21	0,00	65,91	9490,10	141442,93	-131952,830
2022+0,00	0,00	3,42	0,00	66,31	9490,10	141509,25	-132019,150
2023+0,00	0,00	3,29	0,00	66,89	9490,10	141576,13	-132086,030
2024+0,00	0,00	3,27	0,00	65,64	9490,10	141641,77	-132151,670
2025+0,00	0,00	2,73	0,00	59,92	9490,10	141701,69	-132211,590
2026+0,00	0,00	2,46	0,00	51,82	9490,10	141753,51	-132263,410
2027+0,00	0,00	2,68	0,00	51,34	9490,10	141804,85	-132314,750
2028+0,00	0,00	2,67	0,00	53,44	9490,10	141858,29	-132368,190
2029+0,00	0,00	2,35	0,00	50,19	9490,10	141908,48	-132418,380
2030+0,00	0,00	2,91	0,00	52,62	9490,10	141961,10	-132471,000
2031+0,00	0,00	2,90	0,00	58,14	9490,10	142019,24	-132529,140
2032+0,00	0,00	3,26	0,00	61,54	9490,10	142080,78	-132590,680
2033+0,00	0,00	2,09	0,00	53,43	9490,10	142134,21	-132644,110
2034+0,00	0,00	2,33	0,00	44,18	9490,10	142178,39	-132688,290
2035+0,00	0,00	3,30	0,00	56,28	9490,10	142234,67	-132744,570
2036+0,00	0,00	2,80	0,00	60,79	9490,10	142295,46	-132805,360
2037+0,00	0,00	1,51	0,00	43,10	9490,10	142338,55	-132848,450
2038+0,00	0,00	2,53	0,00	40,53	9490,10	142379,08	-132888,980

Osvaldo Leão [illegible] Silva
Diretor [illegible]
Prefeitura [illegible]
Secretaria [illegible]

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2039+0,00	0,00	3,35	0,00	58,77	9490,10	142437,85	-132947,750
2040+0,00	0,00	3,52	0,00	68,66	9490,10	142506,51	-133016,410
2041+0,00	0,00	3,98	0,00	74,98	9490,10	142581,49	-133091,390
2042+0,00	0,00	4,73	0,00	87,33	9490,10	142668,82	-133178,720
2043+0,00	0,00	4,73	0,00	95,14	9490,10	142763,96	-133273,860
2044+0,00	0,00	3,89	0,00	86,19	9490,10	142850,15	-133360,050
2045+0,00	0,00	3,42	0,00	73,57	9490,10	142923,72	-133433,620
2046+0,00	0,00	2,85	0,00	63,04	9490,10	142986,77	-133496,670
2047+0,00	0,00	1,77	0,01	46,24	9490,12	143033,01	-133542,890
2048+0,00	0,00	1,63	0,06	33,98	9490,18	143066,99	-133576,810
2049+0,00	0,00	1,77	0,04	33,99	9490,22	143100,97	-133610,750
2050+0,00	0,00	3,29	0,00	50,61	9490,22	143151,58	-133661,360
2051+0,00	0,00	3,39	0,00	66,84	9490,22	143218,42	-133728,200
2052+0,00	0,00	3,53	0,00	69,35	9490,22	143287,77	-133797,550
2053+0,00	0,00	3,60	0,00	71,30	9490,22	143359,07	-133868,850
2054+0,00	0,00	3,35	0,00	69,40	9490,22	143428,47	-133938,250
2055+0,00	0,00	3,35	0,00	66,96	9490,22	143495,43	-134005,210
2056+0,00	0,00	3,39	0,00	67,35	9490,22	143562,77	-134072,550
2057+0,00	0,00	3,53	0,00	69,22	9490,22	143632,00	-134141,780
2058+0,00	0,00	3,34	0,00	68,70	9490,22	143700,70	-134210,480
2059+0,00	0,00	3,39	0,00	67,38	9490,22	143768,08	-134277,860
2060+0,00	0,00	3,61	0,00	70,30	9490,22	143838,38	-134348,160
2061+0,00	0,00	3,61	0,00	72,99	9490,22	143911,37	-134421,150
2062+0,00	0,00	3,34	0,00	70,11	9490,22	143981,48	-134491,260
2063+0,00	0,00	3,46	0,00	68,32	9490,22	144049,80	-134559,580
2064+0,00	0,00	4,09	0,00	75,97	9490,22	144125,77	-134635,550
2065+0,00	0,00	3,31	0,00	74,95	9490,22	144200,72	-134710,500
2066+0,00	0,00	3,45	0,00	69,51	9490,22	144270,23	-134780,010
2067+0,00	0,00	3,45	0,00	69,32	9490,22	144339,54	-134849,320
2068+0,00	0,00	3,54	0,00	69,59	9490,22	144409,13	-134918,910
2069+0,00	0,00	3,53	0,00	70,49	9490,22	144479,62	-134989,400
2070+0,00	0,00	3,36	0,00	67,84	9490,22	144547,46	-135057,240
2071+0,00	0,00	3,27	0,00	66,00	9490,22	144613,46	-135123,240
2072+0,00	0,00	2,96	0,00	62,33	9490,22	144675,79	-135185,570
2073+0,00	0,00	3,26	0,00	62,42	9490,22	144738,21	-135247,990
2074+0,00	0,00	3,35	0,00	66,19	9490,22	144804,40	-135314,180
2075+0,00	0,00	3,33	0,00	66,87	9490,22	144871,27	-135381,050
2076+0,00	0,00	0,00	0,00	33,37	9490,22	144904,64	-135414,420
2077+0,00	0,00	3,39	0,00	33,92	9490,22	144938,55	-135448,330
2078+0,00	0,00	3,58	0,00	69,73	9490,22	145008,29	-135518,070
2079+0,00	0,00	3,51	0,00	69,89	9490,22	145078,18	-135587,960
2080+0,00	0,00	3,70	0,00	71,62	9490,22	145149,79	-135659,570
2081+0,00	0,00	3,45	0,00	71,46	9490,22	145221,26	-135731,040
2082+0,00	0,00	3,33	0,00	68,17	9490,22	145289,42	-135799,200
2083+0,00	0,00	3,32	0,00	66,51	9490,22	145355,93	-135865,710
2084+0,00	0,00	3,42	0,00	67,40	9490,22	145423,33	-135933,110
2085+0,00	0,00	3,23	0,00	66,69	9490,22	145490,02	-135999,800
2086+0,00	0,00	3,28	0,00	65,09	9490,22	145555,11	-136064,890
2087+0,00	0,00	3,49	0,00	67,69	9490,22	145622,80	-136132,580
2088+0,00	0,00	3,95	0,00	74,43	9490,22	145697,22	-136207,000
2089+0,00	0,00	3,43	0,00	73,85	9490,22	145771,07	-136280,850
2090+0,00	0,00	3,41	0,00	68,19	9490,22	145839,26	-136349,040
2091+0,00	0,00	3,41	0,00	68,24	9490,22	145907,51	-136417,290
2092+0,00	0,00	3,45	0,00	68,32	9490,22	145975,83	-136485,610
2093+0,00	0,00	3,06	0,00	64,80	9490,22	146040,62	-136550,400
2094+0,00	0,00	3,38	0,00	64,46	9490,22	146105,08	-136614,860
2095+0,00	0,00	3,47	0,00	68,50	9490,22	146173,58	-136683,360
2096+0,00	0,00	3,40	0,00	69,49	9490,22	146243,07	-136752,850
2097+0,00	0,00	3,49	0,00	68,87	9490,22	146311,94	-136821,720
2098+0,00	0,00	3,53	0,00	70,21	9490,22	146382,16	-136891,940
2099+0,00	0,00	3,60	0,00	70,90	9490,22	146453,06	-136962,840
2100+0,00	0,00	3,50	0,00	71,11	9490,22	146524,17	-137033,950
2101+0,00	0,00	3,93	0,00	74,37	9490,22	146598,55	-137108,330
2102+0,00	0,00	5,19	0,00	91,20	9490,22	146689,75	-137199,530

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2103+0,00	0,00	4,75	0,00	99,50	9490,22	146789,24	-137299,020
2104+0,00	0,00	4,56	0,00	93,10	9490,22	146882,34	-137392,120
2105+0,00	0,00	4,34	0,00	88,97	9490,22	146971,31	-137481,090
2106+0,00	0,00	3,64	0,00	79,93	9490,22	147051,24	-137561,020
2107+0,00	0,00	3,43	0,00	70,71	9490,22	147121,96	-137631,740
2108+0,00	0,00	3,41	0,00	68,38	9490,22	147190,33	-137700,110
2109+0,00	0,00	3,19	0,00	65,95	9490,22	147256,28	-137766,060
2110+0,00	0,00	3,16	0,00	63,52	9490,22	147319,80	-137829,580
2111+0,00	0,00	3,35	0,00	64,90	9490,22	147384,70	-137894,480
2112+0,00	0,00	2,84	0,00	61,83	9490,22	147446,53	-137956,310
2113+0,00	0,00	2,60	0,00	54,38	9490,22	147500,90	-138010,680
2114+0,00	0,00	2,60	0,00	51,88	9490,22	147552,78	-138062,560
2115+0,00	0,00	3,27	0,00	58,65	9490,22	147611,43	-138121,210
2116+0,00	0,00	3,49	0,00	67,50	9490,22	147678,93	-138188,710
2117+0,00	0,00	3,24	0,00	67,30	9490,22	147746,23	-138256,010
2118+0,00	0,00	3,25	0,00	64,85	9490,22	147811,08	-138320,860
2119+0,00	0,00	3,66	0,00	69,11	9490,22	147880,20	-138389,980
2120+0,00	0,00	4,26	0,00	79,21	9490,22	147959,41	-138469,190
2121+0,00	0,00	4,74	0,00	90,08	9490,22	148049,48	-138559,260
2122+0,00	0,00	4,75	0,00	94,91	9490,22	148144,40	-138654,180
2123+0,00	0,00	4,23	0,00	89,80	9490,22	148234,20	-138743,980
2124+0,00	0,00	4,35	0,00	85,82	9490,22	148320,01	-138829,790
2125+0,00	0,00	4,02	0,00	83,70	9490,22	148403,71	-138913,490
2126+0,00	0,00	3,68	0,00	77,02	9490,22	148480,74	-138990,520
2127+0,00	0,00	3,57	0,00	72,50	9490,22	148553,24	-139063,020
2128+0,00	0,00	3,50	0,00	70,65	9490,22	148623,89	-139133,670
2129+0,00	0,00	3,35	0,00	68,37	9490,22	148692,26	-139202,040
2130+0,00	0,00	3,30	0,00	66,48	9490,22	148758,74	-139268,520
2131+0,00	0,00	3,55	0,00	68,49	9490,22	148827,22	-139337,000
2132+0,00	0,00	4,31	0,00	78,50	9490,22	148905,72	-139415,500
2133+0,00	0,00	4,31	0,00	86,18	9490,22	148991,90	-139501,680
2134+0,00	0,00	4,35	0,00	86,61	9490,22	149078,52	-139588,300
2135+0,00	0,00	3,56	0,00	79,13	9490,22	149157,65	-139667,430
2136+0,00	0,00	4,40	0,00	79,66	9490,22	149237,30	-139747,080
2137+0,00	0,00	3,47	0,00	78,73	9490,22	149316,03	-139825,810
2138+0,00	0,00	3,54	0,00	70,07	9490,22	149386,10	-139895,880
2139+0,00	0,00	3,40	0,00	69,62	9490,22	149455,72	-139965,500
2140+0,00	0,00	3,40	0,00	68,06	9490,22	149523,78	-140033,560
2141+0,00	0,00	3,39	0,00	68,48	9490,22	149592,26	-140102,040
2142+0,00	0,00	3,39	0,00	68,29	9490,22	149660,54	-140170,320
2143+0,00	0,00	2,83	0,00	62,25	9490,22	149722,79	-140232,570
2144+0,00	0,00	3,58	0,00	63,02	9490,22	149785,81	-140295,590
2145+0,00	0,00	3,51	0,00	70,51	9490,22	149856,32	-140366,100
2146+0,00	0,00	3,67	0,00	71,57	9490,22	149927,90	-140437,680
2147+0,00	0,00	2,58	0,00	62,55	9490,22	149990,45	-140500,230
2148+0,00	0,00	1,93	0,00	45,03	9490,22	150035,47	-140545,250
2149+0,00	0,00	3,21	0,00	51,43	9490,22	150086,90	-140596,680
2150+0,00	0,03	1,79	0,26	49,97	9490,48	150136,88	-140646,400
2151+0,00	0,03	1,44	0,55	32,52	9491,03	150169,40	-140678,370
2152+0,00	0,00	2,21	0,28	37,18	9491,31	150206,58	-140715,270
2153+0,00	0,00	2,39	0,00	46,00	9491,31	150252,58	-140761,270
2154+0,00	0,00	3,49	0,00	58,85	9491,31	150311,43	-140820,120
2155+0,00	0,00	2,53	0,00	60,23	9491,31	150371,66	-140880,350
2156+0,00	0,00	3,33	0,00	58,58	9491,31	150430,23	-140938,920
2157+0,00	0,00	3,69	0,00	70,20	9491,31	150500,43	-141009,120
2158+0,00	0,00	3,38	0,00	70,75	9491,31	150571,19	-141079,880
2159+0,00	0,00	3,77	0,00	71,55	9491,31	150642,73	-141151,420
2160+0,00	0,00	3,38	0,00	71,74	9491,31	150714,47	-141223,160
2161+0,00	0,00	4,51	0,00	78,93	9491,31	150793,40	-141302,090
2162+0,00	0,00	5,67	0,00	101,86	9491,31	150895,26	-141403,950
2163+0,00	0,00	3,93	0,00	96,06	9491,31	150991,32	-141500,010
2164+0,00	0,00	3,66	0,00	75,90	9491,31	151067,23	-141575,920
2165+0,00	0,00	3,72	0,00	74,02	9491,31	151141,24	-141649,930
2166+0,00	0,00	3,57	0,00	71,62	9491,31	151212,86	-141721,550

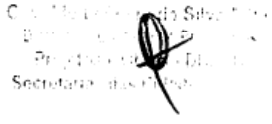
Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2167+0,00	0,00	3,57	0,00	70,61	9491,31	151283,47	-141792,160
2168+0,00	0,00	3,72	0,00	72,95	9491,31	151356,43	-141865,120
2169+0,00	0,01	3,57	0,08	72,96	9491,39	151429,39	-141938,000
2170+0,00	0,01	3,48	0,14	70,03	9491,53	151499,42	-142007,890
2171+0,00	0,06	3,35	0,67	68,29	9492,20	151567,71	-142075,510
2172+0,00	0,09	2,97	1,54	63,16	9493,74	151630,87	-142137,130
2173+0,00	0,00	3,05	0,92	60,12	9494,67	151690,99	-142196,320
2174+0,00	0,37	2,42	3,70	54,70	9498,36	151745,69	-142247,330
2175+0,00	1,03	1,28	14,00	37,08	9512,36	151782,77	-142270,410
2176+0,00	0,00	1,66	9,85	30,47	9522,21	151813,24	-142291,030
2177+0,00	0,65	2,11	6,53	37,73	9528,74	151850,97	-142322,230
2178+0,00	0,19	3,08	7,93	53,74	9536,66	151904,71	-142368,050
2179+0,00	0,10	3,61	2,79	67,99	9539,45	151972,70	-142433,250
2180+0,00	0,63	2,37	7,25	59,83	9546,69	152032,54	-142485,850
2181+0,00	0,13	4,16	7,27	66,74	9553,96	152099,28	-142545,320
2182+0,00	0,09	4,07	2,20	82,26	9556,17	152181,53	-142625,360
2183+0,00	0,14	3,78	2,28	79,36	9558,44	152260,90	-142702,460
2184+0,00	0,14	3,76	2,79	75,45	9561,23	152336,34	-142775,110
2185+0,00	0,00	5,71	1,37	94,46	9562,60	152430,80	-142868,200
2186+0,00	0,00	8,07	0,00	137,79	9562,60	152568,60	-143006,000
2187+0,00	0,04	3,97	0,38	119,01	9562,98	152687,61	-143124,630
2188+0,00	0,00	4,24	0,38	81,22	9563,36	152768,83	-143205,470
2189+0,00	0,00	4,79	0,00	89,13	9563,36	152857,96	-143294,600
2190+0,00	0,00	4,32	0,00	90,80	9563,36	152948,76	-143385,400
2191+0,00	0,00	3,89	0,00	81,32	9563,36	153030,08	-143466,720
2192+0,00	0,00	4,14	0,00	80,34	9563,36	153110,43	-143547,070
2193+0,00	0,00	3,31	0,00	74,47	9563,36	153184,90	-143621,540
2194+0,00	0,00	3,23	0,00	65,41	9563,36	153250,31	-143686,950
2195+0,00	0,00	3,31	0,00	65,41	9563,36	153315,73	-143752,370
2196+0,00	0,00	3,02	0,00	63,29	9563,36	153379,02	-143815,660
2197+0,00	0,00	3,27	0,00	62,89	9563,36	153441,91	-143878,550
2198+0,00	0,00	3,44	0,00	67,06	9563,36	153508,96	-143945,600
2199+0,00	0,00	3,26	0,00	67,02	9563,36	153575,99	-144012,630
2200+0,00	0,00	3,46	0,00	67,21	9563,36	153643,20	-144079,840
2201+0,00	0,00	3,44	0,00	68,95	9563,36	153712,15	-144148,790
2202+0,00	0,00	3,65	0,00	70,89	9563,36	153783,04	-144219,680
2203+0,00	0,00	3,53	0,00	71,77	9563,36	153854,82	-144291,460
2204+0,00	0,00	3,55	0,00	70,78	9563,36	153925,60	-144362,240
2205+0,00	0,00	0,00	0,00	35,53	9563,36	153961,13	-144397,770
2206+0,00	0,00	3,01	0,00	30,06	9563,36	153991,19	-144427,830
2207+0,00	0,00	2,29	0,00	53,21	9563,36	154044,40	-144481,040
2208+0,00	0,00	2,86	0,00	51,58	9563,36	154095,98	-144532,620
2209+0,00	0,00	3,33	0,00	61,93	9563,36	154157,91	-144594,550
2210+0,00	0,00	4,04	0,00	73,65	9563,36	154231,56	-144668,200
2211+0,00	0,00	3,57	0,00	75,59	9563,36	154307,16	-144743,800
2212+0,00	0,00	2,85	0,00	64,14	9563,36	154371,30	-144807,940
2213+0,00	0,00	2,14	0,00	49,41	9563,36	154420,71	-144857,350
2214+0,00	0,00	2,97	0,00	51,11	9563,36	154471,82	-144908,460
2215+0,00	0,00	3,35	0,00	63,22	9563,36	154535,04	-144971,680
2216+0,00	0,00	3,01	0,00	63,84	9563,36	154598,88	-145035,520
2217+0,00	0,02	2,13	0,20	51,41	9563,56	154650,29	-145086,730
2218+0,00	0,00	3,69	0,17	59,78	9563,73	154710,07	-145146,340
2219+0,00	0,00	3,18	0,00	69,61	9563,73	154779,68	-145215,950
2220+0,00	0,00	3,26	0,00	64,32	9563,73	154844,00	-145280,270
2221+0,00	0,00	3,30	0,00	65,55	9563,73	154909,56	-145345,830
2222+0,00	0,00	3,58	0,00	67,71	9563,73	154977,27	-145413,540
2223+0,00	0,00	3,32	0,00	68,28	9563,73	155045,54	-145481,810
2224+0,00	0,00	3,39	0,00	68,96	9563,73	155114,50	-145550,770
2225+0,00	0,00	3,60	0,00	70,46	9563,73	155184,96	-145621,230
2226+0,00	0,00	3,79	0,00	73,90	9563,73	155258,86	-145695,130
2227+0,00	0,00	3,25	0,00	70,18	9563,73	155329,04	-145765,310
2228+0,00	0,00	0,00	0,00	32,40	9563,73	155361,44	-145797,710
2229+0,00	0,00	3,04	0,00	30,37	9563,73	155391,80	-145828,070
2230+0,00	0,02	0,00	0,16	30,46	9563,89	155422,26	-145858,370

Osvaldo Lemos da Silva
Diretor da Unidade de Projetos
Projetos e Obras - SIM
Secretaria Municipal

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2231+0,00	0,34	1,33	3,52	13,31	9567,41	155435,57	-145868,160
2232+0,00	0,12	2,40	4,53	37,35	9571,94	155472,92	-145900,980
2233+0,00	0,00	3,27	1,17	56,71	9573,11	155529,63	-145956,520
2234+0,00	0,00	3,53	0,00	68,02	9573,11	155597,65	-146024,540
2235+0,00	0,00	3,46	0,00	69,93	9573,11	155667,58	-146094,470
2236+0,00	0,08	2,35	0,75	58,10	9573,86	155725,69	-146151,830
2237+0,00	0,00	2,88	0,75	52,36	9574,62	155778,05	-146203,430
2238+0,00	0,00	4,19	0,00	70,81	9574,62	155848,87	-146274,250
2239+0,00	0,00	5,03	0,00	92,23	9574,62	155941,09	-146366,470
2240+0,00	0,00	7,60	0,00	126,38	9574,62	156067,47	-146492,850
2241+0,00	0,00	9,50	0,00	171,02	9574,62	156238,49	-146663,870
2242+0,00	0,00	11,23	0,00	207,26	9574,62	156445,75	-146871,130
2243+0,00	0,00	9,96	0,00	211,93	9574,62	156657,68	-147083,060
2244+0,00	0,00	8,07	0,00	180,35	9574,62	156838,04	-147263,420
2245+0,00	0,00	2,23	0,00	102,96	9574,62	156941,00	-147366,380
2246+0,00	1,73	0,15	17,35	23,71	9591,97	156964,70	-147372,730
2247+0,00	3,45	0,00	51,89	1,45	9643,86	156966,15	-147322,290
2248+0,00	2,05	0,03	54,95	0,31	9698,81	156966,46	-147267,650
2249+0,00	0,50	0,60	25,47	6,31	9724,29	156972,77	-147248,480
2250+0,00	0,23	1,09	7,28	16,95	9731,56	156989,73	-147258,170
2251+0,00	0,07	1,55	2,98	26,49	9734,54	157016,21	-147281,670
2252+0,00	0,00	2,82	0,67	43,76	9735,21	157059,98	-147324,770
2253+0,00	0,00	3,67	0,00	64,89	9735,21	157124,87	-147389,660
2254+0,00	0,00	4,18	0,00	78,93	9735,21	157203,80	-147468,590
2255+0,00	0,00	3,79	0,00	79,76	9735,21	157283,56	-147548,350
2256+0,00	0,00	3,37	0,00	71,62	9735,21	157355,18	-147619,970
2257+0,00	0,00	3,97	0,00	73,96	9735,21	157429,14	-147693,930
2258+0,00	0,00	6,67	0,00	106,46	9735,21	157535,60	-147800,390
2259+0,00	0,00	10,42	0,00	171,60	9735,21	157707,19	-147971,980
2260+0,00	0,00	11,66	0,00	221,83	9735,21	157929,03	-148193,820
2261+0,00	0,00	10,73	0,00	223,86	9735,21	158152,89	-148417,680
2262+0,00	0,00	9,87	0,00	206,27	9735,21	158359,15	-148623,940
2263+0,00	0,00	5,52	0,00	153,95	9735,21	158513,10	-148777,890
2264+0,00	0,00	3,53	0,00	90,78	9735,21	158603,88	-148868,670
2265+0,00	0,00	3,53	0,00	70,81	9735,21	158674,69	-148939,480
2266+0,00	0,00	3,55	0,00	70,78	9735,21	158745,47	-149010,260
2267+0,00	0,00	3,37	0,00	69,21	9735,21	158814,68	-149079,470
2268+0,00	0,00	2,53	0,00	58,99	9735,21	158873,66	-149138,450
2269+0,00	0,00	1,89	0,00	44,15	9735,21	158917,81	-149182,600
2270+0,00	0,00	3,31	0,00	52,01	9735,21	158969,82	-149234,610
2271+0,00	0,00	3,40	0,00	67,12	9735,21	159036,93	-149301,720
2272+0,00	0,00	3,25	0,00	66,77	9735,21	159103,71	-149368,500
2273+0,00	0,00	3,39	0,00	66,41	9735,21	159170,12	-149434,910
2274+0,00	0,00	3,28	0,00	66,71	9735,21	159236,83	-149501,620
2275+0,00	0,00	2,09	0,00	53,67	9735,21	159290,50	-149555,290
2276+0,00	0,00	1,26	0,00	33,54	9735,21	159324,04	-149588,830
2277+0,00	1,40	0,00	14,11	12,61	9749,32	159336,65	-149587,330
2278+0,00	4,10	0,00	55,02	0,00	9804,34	159336,65	-149532,310
2279+0,00	0,09	0,26	41,83	2,63	9846,17	159339,28	-149493,110
2280+0,00	0,00	2,15	0,86	24,17	9847,03	159363,46	-149516,430
2281+0,00	0,00	3,35	0,00	54,92	9847,03	159418,38	-149571,350
2282+0,00	0,00	3,81	0,00	71,22	9847,03	159489,60	-149642,570
2283+0,00	0,00	4,58	0,00	83,97	9847,03	159573,58	-149726,550
2284+0,00	0,00	3,66	0,00	82,45	9847,03	159656,02	-149808,990
2285+0,00	0,00	3,40	0,00	70,66	9847,03	159726,68	-149879,650
2286+0,00	0,00	3,22	0,00	65,73	9847,03	159792,41	-149945,380
2287+0,00	0,00	3,30	0,00	65,58	9847,03	159857,99	-150010,960
2288+0,00	0,00	2,66	0,00	59,29	9847,03	159917,28	-150070,250
2289+0,00	0,00	2,95	0,00	55,99	9847,03	159973,28	-150126,250
2290+0,00	0,00	2,91	0,00	58,54	9847,03	160031,82	-150184,790
2291+0,00	0,00	3,28	0,00	61,89	9847,03	160093,71	-150246,680
2292+0,00	0,00	3,59	0,00	68,55	9847,03	160162,26	-150315,230
2293+0,00	0,00	4,10	0,00	76,94	9847,03	160239,20	-150392,170
2294+0,00	0,00	4,26	0,00	83,65	9847,03	160322,85	-150475,820

Geral de Engenharia S/L
Diretor Técnico
Projetos e Obras
Secretaria

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2295+0,00	0,00	3,93	0,00	81,84	9847,03	160404,69	-150557,660
2296+0,00	0,00	3,38	0,00	73,62	9847,03	160478,30	-150631,270
2297+0,00	0,00	3,72	0,00	71,11	9847,03	160549,42	-150702,390
2298+0,00	0,00	3,19	0,00	68,78	9847,03	160618,19	-150771,160
2299+0,00	0,00	3,22	0,00	64,06	9847,03	160682,25	-150835,220
2300+0,00	0,00	6,37	0,00	95,99	9847,03	160778,24	-150931,210
2301+0,00	0,00	9,24	0,00	156,16	9847,03	160934,40	-151087,370
2302+0,00	0;00	8,49	0,00	177,34	9847,03	161111,74	-151264,710
2303+0,00	0,00	7,00	0,00	154,95	9847,03	161266,68	-151419,650
2304+0,00	0,00	4,60	0,00	116,04	9847,03	161382,73	-151535,700
2305+0,00	0,00	3,24	0,00	78,35	9847,03	161461,08	-151614,050
2306+0,00	0,00	1,17	0,00	44,10	9847,03	161505,17	-151658,140
2307+0,00	0,16	0,78	1,59	19,43	9848,62	161524,61	-151675,990
2308+0,00	0,00	3,32	1,59	40,95	9850,22	161565,55	-151715,330
2309+0,00	0,00	3,46	0,00	67,49	9850,22	161633,05	-151782,830
2310+0,00	0,00	3,46	0,00	69,18	9850,22	161702,22	-151852,000
2311+0,00	0,00	3,69	0,00	71,50	9850,22	161773,73	-151923,510
2312+0,00	0,00	4,56	0,00	82,56	9850,22	161856,29	-152006,070
2313+0,00	0,00	5,31	0,00	98,79	9850,22	161955,08	-152104,860
2314+0,00	0,00	0,00	0,00	53,15	9850,22	162008,23	-152158,010
2315+0,00	0,00	4,67	0,00	46,70	9850,22	162054,92	-152204,700
2316+0,00	0,00	3,46	0,00	81,45	9850,22	162136,37	-152286,150
2317+0,00	0,00	4,17	0,00	76,26	9850,22	162212,63	-152362,410
2318+0,00	0,00	3,83	0,00	79,92	9850,22	162292,55	-152442,330
2319+0,00	0,00	2,71	0,00	65,54	9850,22	162358,09	-152507,870
2320+0,00	0,00	2,21	0,05	49,17	9850,27	162407,26	-152556,990
2321+0,00	0,00	2,36	0,08	45,66	9850,34	162452,92	-152602,580
2322+0,00	0,00	2,80	0,03	51,51	9850,37	162504,43	-152654,060
2323+0,00	0,00	3,39	0,00	62,00	9850,37	162566,43	-152716,060
2324+0,00	0,00	4,38	0,00	77,75	9850,37	162644,18	-152793,810
2325+0,00	0,00	6,19	0,00	105,73	9850,37	162749,92	-152899,550
2326+0,00	0,00	5,13	0,00	114,38	9850,37	162864,30	-153013,930
2327+0,00	0,00	4,06	0,00	92,38	9850,37	162956,68	-153106,310
2328+0,00	0,00	3,40	0,00	74,35	9850,37	163031,03	-153180,660
2329+0,00	0,00	3,61	0,00	69,36	9850,37	163100,40	-153250,030
2330+0,00	0,00	3,30	0,00	68,91	9850,37	163169,30	-153318,930
2331+0,00	0,00	3,07	0,00	63,73	9850,37	163233,03	-153382,660
2332+0,00	0,00	3,44	0,00	64,60	9850,37	163297,64	-153447,270
2333+0,00	0,00	3,57	0,00	69,89	9850,37	163367,53	-153517,160
2334+0,00	0,00	3,64	0,00	72,03	9850,37	163439,56	-153589,190
2335+0,00	0,00	3,34	0,00	69,74	9850,37	163509,30	-153658,930
2336+0,00	0,00	2,97	0,00	63,36	9850,37	163572,66	-153722,290
2337+0,00	0,00	2,24	0,02	52,04	9850,39	163624,69	-153774,300
2338+0,00	0,00	2,98	0,02	52,39	9850,41	163677,08	-153826,670
2339+0,00	0,00	3,67	0,00	66,48	9850,41	163743,56	-153893,150
2340+0,00	0,00	3,28	0,00	69,97	9850,41	163813,53	-153963,120
2341+0,00	0,05	2,25	0,49	55,31	9850,91	163868,84	-154017,930
2342+0,00	0,00	4,01	0,50	62,16	9851,41	163931,00	-154079,590
2343+0,00	0,07	3,69	0,71	76,07	9852,11	164007,07	-154154,960
2344+0,00	0,21	3,18	2,76	68,72	9854,87	164075,80	-154220,930
2345+0,00	0,00	2,92	2,07	60,96	9856,94	164136,75	-154279,810
2346+0,00	0,13	3,44	1,31	64,08	9858,25	164200,83	-154342,580
2347+0,00	0,08	4,61	2,02	82,24	9860,27	164283,08	-154422,810
2348+0,00	0,37	3,20	4,23	80,58	9864,50	164363,66	-154499,160
2349+0,00	1,20	1,90	16,50	49,34	9881,01	164413,00	-154531,990
2350+0,00	1,53	1,38	27,30	32,75	9908,30	164445,75	-154537,450
2351+0,00	1,78	1,28	34,32	25,70	9942,63	164471,45	-154528,820
2352+0,00	1,73	1,35	35,07	26,28	9977,70	164497,73	-154520,030
2353+0,00	1,29	0,00	30,47	13,37	10008,17	164511,11	-154502,940
2354+0,00	0,87	2,49	21,58	24,92	10029,75	164536,03	-154506,280
2355+0,00	0,00	3,32	8,66	58,15	10038,40	164594,18	-154555,780
2356+0,00	0,10	4,01	0,98	72,39	10039,38	164666,57	-154627,190
2357+0,00	0,07	4,19	1,67	80,59	10041,05	164747,15	-154706,100
2358+0,00	0,14	3,75	2,06	79,38	10043,11	164826,53	-154783,420



Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2359+0,00	0,18	3,91	3,16	77,39	10046,27	164903,92	-154857,650
2360+0,00	0,25	3,89	4,32	78,01	10050,59	164981,93	-154931,340
2361+0,00	0,46	3,69	6,86	77,07	10057,45	165059,00	-155001,550
2362+0,00	0,53	3,43	9,77	71,88	10067,22	165130,87	-155063,650
2363+0,00	0,25	4,00	7,81	74,56	10075,03	165205,43	-155130,400
2364+0,00	0,73	2,63	9,70	66,81	10084,73	165272,25	-155187,520
2365+0,00	1,63	0,80	24,67	33,03	10109,40	165305,27	-155195,870
2366+0,00	0,04	3,57	16,74	43,43	10126,14	165348,70	-155222,560
2367+0,00	0,03	3,34	0,66	68,54	10126,80	165417,23	-155290,430
2368+0,00	0,04	3,40	0,64	67,88	10127,44	165485,11	-155357,670
2369+0,00	0,00	3,79	0,36	73,34	10127,80	165558,45	-155430,650
2370+0,00	0,34	1,61	3,34	54,15	10131,14	165612,60	-155481,460
2371+0,00	0,70	1,89	10,86	33,89	10142,00	165646,49	-155504,490
2372+0,00	0,36	2,71	10,64	45,74	10152,64	165692,24	-155539,600
2373+0,00	0,04	4,29	3,97	69,98	10156,61	165762,22	-155605,610
2374+0,00	0,00	6,12	0,40	104,50	10157,01	165866,72	-155709,710
2375+0,00	0,00	6,45	0,00	127,25	10157,01	165993,97	-155836,960
2376+0,00	0,00	0,00	0,00	64,77	10157,01	166058,73	-155901,720
2377+0,00	0,25	2,09	2,58	20,68	10159,59	166079,42	-155919,830
2378+0,00	0,38	1,61	6,32	36,99	10165,91	166116,41	-155950,500
2379+0,00	0,40	1,46	7,76	30,64	10173,67	166147,05	-155973,380
2380+0,00	0,00	3,00	3,99	44,59	10177,66	166191,63	-156013,970
2381+0,00	0,00	3,00	0,03	59,98	10177,70	166251,62	-156073,920
2382+0,00	0,00	3,27	0,00	62,99	10177,70	166314,60	-156136,900
2383+0,00	0,00	3,33	0,00	66,37	10177,70	166380,97	-156203,270
2384+0,00	0,00	3,61	0,00	69,96	10177,70	166450,93	-156273,230
2385+0,00	0,00	2,54	0,00	61,65	10177,70	166512,58	-156334,880
2386+0,00	0,00	3,33	0,00	58,71	10177,70	166571,29	-156393,590
2387+0,00	0,00	3,44	0,00	67,92	10177,70	166639,20	-156461,500
2388+0,00	0,00	3,37	0,00	67,79	10177,70	166706,99	-156529,290
2389+0,00	0,17	0,65	1,70	42,18	10179,39	166749,17	-156569,780
2390+0,00	0,92	0,15	11,10	9,84	10190,49	166759,01	-156568,520
2391+0,00	0,01	1,36	9,40	14,87	10199,89	166773,88	-156573,990
2392+0,00	0,00	2,48	0,06	38,38	10199,95	166812,26	-156812,310
2393+0,00	0,00	3,58	0,00	60,62	10199,95	166872,88	-156672,930
2394+0,00	0,00	3,67	0,00	72,09	10199,95	166944,97	-156745,020
2395+0,00	0,00	0,00	0,00	36,58	10199,95	166981,55	-156781,600
2396+0,00	0,00	1,25	0,00	12,47	10199,95	166994,02	-156794,070
2397+0,00	0,06	0,88	0,63	21,29	10200,58	167015,30	-156814,720
2398+0,00	0,03	1,48	0,93	23,60	10201,52	167038,90	-156837,380
2399+0,00	0,00	2,59	0,30	40,69	10201,82	167079,59	-156877,770
2400+0,00	0,00	3,19	0,00	57,77	10201,82	167137,35	-156935,530
2401+0,00	0,00	4,17	0,00	73,96	10201,82	167211,31	-157009,490
2402+0,00	0,00	5,95	0,00	101,27	10201,82	167312,58	-157110,760
2403+0,00	0,00	0,00	0,00	59,62	10201,82	167372,21	-157170,390
2404+0,00	0,00	6,61	0,00	66,07	10201,82	167438,28	-157236,460
2405+0,00	0,00	6,36	0,00	129,69	10201,82	167567,97	-157366,150
2406+0,00	0,00	3,67	0,00	100,10	10201,82	167668,08	-157466,260
2407+0,00	0,00	3,88	0,00	75,19	10201,82	167743,26	-157541,440
2408+0,00	0,00	3,80	0,00	76,81	10201,82	167820,07	-157618,250
2409+0,00	0,00	3,55	0,00	73,57	10201,82	167893,64	-157691,820
2410+0,00	0,00	3,28	0,00	68,31	10201,82	167961,95	-157760,130
2411+0,00	0,00	3,16	0,00	64,39	10201,82	168026,33	-157824,510
2412+0,00	0,00	3,19	0,00	63,45	10201,82	168089,78	-157887,960
2413+0,00	0,00	3,61	0,00	67,94	10201,82	168157,72	-157955,900
2414+0,00	0,00	4,90	0,00	85,11	10201,82	168242,82	-158041,000
2415+0,00	0,00	5,52	0,00	104,20	10201,82	168347,02	-158145,200
2416+0,00	0,00	3,56	0,00	90,74	10201,82	168437,76	-158235,940
2417+0,00	0,00	3,12	0,00	66,73	10201,82	168504,49	-158302,670
2418+0,00	0,00	3,42	0,00	65,35	10201,82	168569,84	-158368,020
2419+0,00	0,00	3,75	0,00	71,64	10201,82	168641,48	-158439,660
2420+0,00	0,00	4,29	0,00	80,42	10201,82	168721,90	-158520,080
2421+0,00	0,00	5,17	0,00	94,65	10201,82	168816,55	-158614,730
2422+0,00	0,00	5,63	0,00	108,06	10201,82	168924,61	-158722,790

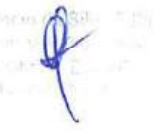
Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2423+0,00	0,00	4,16	0,00	97,91	10201,82	169022,51	-158820,690
2424+0,00	0,00	3,49	0,00	76,47	10201,82	169098,98	-158897,160
2425+0,00	0,00	3,52	0,00	70,04	10201,82	169169,02	-158967,200
2426+0,00	0,00	3,50	0,00	70,24	10201,82	169239,26	-159037,440
2427+0,00	0,00	3,27	0,00	67,73	10201,82	169306,99	-159105,170
2428+0,00	0,00	3,29	0,00	65,58	10201,82	169372,58	-159170,760
2429+0,00	0,00	3,29	0,00	65,81	10201,82	169438,39	-159236,570
2430+0,00	0,00	2,84	0,00	61,32	10201,82	169499,71	-159297,890
2431+0,00	0,00	3,32	0,00	61,64	10201,82	169561,35	-159359,530
2432+0,00	0,00	6,66	0,00	99,91	10201,82	169661,26	-159459,440
2433+0,00	0,00	10,81	0,00	174,70	10201,82	169835,96	-159634,140
2434+0,00	0,00	10,79	0,00	215,97	10201,82	170051,93	-159850,110
2435+0,00	0,00	9,04	0,00	198,45	10201,82	170250,38	-160048,560
2436+0,00	0,00	5,48	0,00	145,21	10201,82	170395,59	-160193,770
2437+0,00	0,00	2,99	0,00	84,57	10201,82	170480,16	-160278,340
2438+0,00	0,54	0,37	5,44	33,61	10207,26	170513,76	-160306,500
2439+0,00	3,58	0,00	41,21	3,72	10248,47	170517,48	-160269,010
2440+0,00	5,55	0,00	91,26	0,00	10339,73	170517,48	-160177,750
2441+0,00	8,18	0,00	137,28	0,00	10477,02	170517,48	-160040,460
2442+0,00	10,39	0,00	185,67	0,00	10662,68	170517,48	-159854,800
2443+0,00	12,81	0,00	231,95	0,00	10894,63	170517,48	-159622,850
2444+0,00	12,28	0,00	251,57	0,00	11146,21	170517,48	-159371,270
2445+0,00	12,93	0,00	252,14	0,00	11398,35	170517,48	-159119,130
2446+0,00	15,80	0,00	287,34	0,00	11685,68	170517,48	-158831,800
2447+0,00	14,42	0,00	302,22	0,00	11987,91	170517,48	-158529,570
2448+0,00	9,40	0,00	238,38	0,00	12226,28	170517,48	-158291,200
2449+0,00	4,20	0,00	135,94	0,00	12362,22	170517,48	-158155,260
2450+0,00	0,35	0,49	45,71	4,86	12407,93	170522,34	-158114,410
2451+0,00	0,00	3,32	3,44	38,29	12411,38	170560,62	-158149,240
2452+0,00	0,00	3,40	0,00	67,40	12411,38	170628,02	-158216,640
2453+0,00	0,00	3,15	0,00	64,69	12411,38	170692,71	-158281,330
2454+0,00	0,00	4,54	0,00	76,21	12411,38	170768,92	-158357,540
2455+0,00	0,00	6,42	0,00	109,34	12411,38	170878,26	-158466,880
2456+0,00	0,00	7,97	0,00	143,92	12411,38	171022,18	-158610,800
2457+0,00	0,00	7,94	0,00	159,55	12411,38	171181,73	-158770,350
2458+0,00	0,00	6,99	0,00	149,27	12411,38	171331,00	-158919,620
2459+0,00	0,00	6,53	0,00	135,25	12411,38	171466,25	-159054,870
2460+0,00	0,00	5,52	0,00	121,37	12411,38	171587,62	-159176,240
2461+0,00	0,00	3,55	0,00	90,75	12411,38	171678,37	-159266,990
2462+0,00	0,00	3,71	0,00	72,83	12411,38	171751,21	-159339,830
2463+0,00	0,00	3,42	0,00	72,03	12411,38	171823,23	-159411,850
2464+0,00	0,00	3,48	0,00	68,00	12411,38	171891,24	-159479,860
2465+0,00	0,00	3,99	0,00	74,30	12411,38	171965,54	-159554,160
2466+0,00	0,00	4,39	0,00	84,38	12411,38	172049,91	-159638,530
2467+0,00	0,00	3,75	0,00	81,42	12411,38	172131,33	-159719,950
2468+0,00	0,00	3,45	0,00	71,48	12411,38	172202,81	-159791,430
2469+0,00	0,00	3,32	0,00	67,76	12411,38	172270,57	-159859,190
2470+0,00	0,00	3,36	0,00	66,79	12411,38	172337,36	-159925,980
2471+0,00	0,00	3,23	0,00	65,82	12411,38	172403,19	-159991,810
2472+0,00	0,00	3,31	0,00	65,49	12411,38	172468,67	-160057,290
2473+0,00	0,00	3,61	0,00	69,25	12411,38	172537,92	-160126,540
2474+0,00	0,00	5,08	0,00	86,90	12411,38	172624,82	-160213,440
2475+0,00	0,00	5,13	0,00	102,10	12411,38	172726,92	-160315,540
2476+0,00	0,00	4,10	0,00	92,34	12411,38	172819,26	-160407,880
2477+0,00	0,00	3,33	0,00	74,42	12411,38	172893,68	-160482,300
2478+0,00	0,00	3,15	0,00	64,78	12411,38	172958,46	-160547,080
2479+0,00	0,00	2,86	0,00	60,11	12411,38	173018,57	-160607,190
2480+0,00	0,10	1,64	1,00	44,97	12412,37	173063,54	-160651,170
2481+0,00	0,02	1,92	1,21	35,55	12413,58	173099,10	-160685,520
2482+0,00	0,00	2,58	0,21	44,99	12413,80	173144,08	-160730,280
2483+0,00	0,00	3,19	0,00	57,85	12413,80	173201,94	-160788,140
2484+0,00	0,00	3,12	0,00	63,37	12413,80	173265,30	-160851,500
2485+0,00	0,00	3,37	0,00	64,89	12413,80	173330,20	-160916,400
2486+0,00	0,00	3,41	0,00	67,77	12413,80	173397,97	-160984,170

Osvaldo Leônicio da Silva Filho
Perito da Unidade
Projetos e Obras
Secretaria de

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2487+0,00	0,00	3,44	0,00	68,47	12413,80	173466,44	-161052,640
2488+0,00	0,00	2,91	0,00	63,43	12413,80	173529,86	-161116,060
2489+0,00	0,00	2,64	0,00	55,68	12413,80	173585,54	-161171,740
2490+0,00	0,00	3,41	0,00	60,49	12413,80	173646,03	-161232,230
2491+0,00	0,00	3,78	0,00	71,90	12413,80	173717,93	-161304,130
2492+0,00	0,00	4,29	0,00	80,70	12413,80	173798,64	-161384,840
2493+0,00	0,00	4,48	0,00	87,64	12413,80	173886,28	-161472,480
2494+0,00	0,00	3,31	0,00	77,87	12413,80	173964,15	-161550,350
2495+0,00	0,00	3,23	0,00	65,38	12413,80	174029,53	-161615,730
2496+0,00	0,00	3,25	0,00	64,80	12413,80	174094,33	-161680,530
2497+0,00	0,00	3,30	0,00	66,13	12413,80	174160,46	-161746,660
2498+0,00	0,00	2,99	0,00	62,78	12413,80	174223,24	-161809,440
2499+0,00	0,00	3,06	0,00	60,20	12413,80	174283,44	-161869,640
2500+0,00	0,00	3,31	0,00	64,00	12413,80	174347,44	-161933,640
2501+0,00	0,00	3,32	0,00	66,66	12413,80	174414,09	-162000,290
2502+0,00	0,00	3,37	0,00	66,88	12413,80	174480,97	-162067,170
2503+0,00	0,00	3,36	0,00	67,22	12413,80	174548,19	-162134,390
2504+0,00	0,00	3,44	0,00	67,41	12413,80	174615,60	-162201,800
2505+0,00	0,00	3,49	0,00	68,36	12413,80	174683,96	-162270,160
2506+0,00	0,00	0,00	0,00	34,72	12413,80	174718,67	-162304,870
2507+0,00	0,00	3,43	0,00	34,39	12413,80	174753,07	-162339,270
2508+0,00	0,00	3,32	0,00	68,02	12413,80	174821,09	-162407,290
2509+0,00	0,00	3,96	0,00	72,93	12413,80	174894,02	-162480,220
2510+0,00	0,00	6,04	0,00	99,97	12413,80	174993,99	-162580,190
2511+0,00	0,00	5,57	0,00	116,40	12413,80	175110,39	-162696,590
2512+0,00	0,00	5,10	0,00	106,70	12413,80	175217,09	-162803,290
2513+0,00	0,00	5,32	0,00	104,21	12413,80	175321,30	-162907,500
2514+0,00	0,00	5,07	0,00	103,96	12413,80	175425,26	-163011,460
2515+0,00	0,00	4,52	0,00	95,75	12413,80	175521,01	-163107,210
2516+0,00	0,00	3,83	0,00	83,47	12413,80	175604,48	-163190,680
2517+0,00	0,00	3,90	0,00	76,79	12413,80	175681,27	-163267,470
2518+0,00	0,00	4,57	0,00	83,81	12413,80	175765,08	-163351,280
2519+0,00	0,00	4,63	0,00	91,74	12413,80	175856,82	-163443,020
2520+0,00	0,00	4,33	0,00	89,85	12413,80	175946,67	-163532,870
2521+0,00	0,00	3,35	0,00	77,02	12413,80	176023,69	-163609,890
2522+0,00	0,00	3,52	0,00	68,69	12413,80	176092,38	-163678,580
2523+0,00	0,00	3,46	0,00	69,81	12413,80	176162,19	-163748,390
2524+0,00	0,00	2,54	0,00	60,04	12413,80	176222,24	-163808,440
2525+0,00	0,00	3,23	0,00	57,75	12413,80	176279,98	-163866,180
2526+0,00	0,00	3,57	0,00	68,30	12413,80	176348,29	-163934,490
2527+0,00	0,00	3,35	0,00	69,28	12413,80	176417,57	-164003,770
2528+0,00	0,00	3,64	0,00	69,98	12413,80	176487,55	-164073,750
2529+0,00	0,00	4,25	0,00	78,99	12413,80	176566,54	-164152,740
2530+0,00	0,00	4,90	0,00	91,56	12413,80	176658,10	-164244,300
2531+0,00	0,00	4,53	0,00	94,36	12413,80	176752,46	-164338,660
2532+0,00	0,00	3,51	0,00	80,41	12413,80	176832,87	-164419,070
2533+0,00	0,00	3,39	0,00	68,94	12413,80	176901,81	-164488,010
2534+0,00	0,00	3,33	0,00	67,13	12413,80	176968,94	-164555,140
2535+0,00	0,00	3,23	0,00	65,53	12413,80	177034,47	-164620,670
2536+0,00	0,00	2,96	0,00	62,22	12413,80	177096,69	-164682,890
2537+0,00	0,00	3,45	0,00	64,40	12413,80	177161,10	-164747,300
2538+0,00	0,00	2,69	0,00	61,44	12413,80	177222,54	-164808,740
2539+0,00	0,00	2,61	0,00	53,10	12413,80	177275,64	-164861,840
2540+0,00	0,00	3,13	0,00	57,39	12413,80	177333,03	-164919,230
2541+0,00	0,00	3,36	0,00	65,06	12413,80	177398,09	-164984,290
2542+0,00	0,00	3,33	0,00	66,90	12413,80	177464,99	-165051,190
2543+0,00	0,00	2,68	0,00	60,07	12413,80	177525,06	-165111,260
2544+0,00	0,00	2,69	0,00	53,70	12413,80	177578,76	-165164,960
2545+0,00	0,00	2,95	0,00	56,47	12413,80	177635,23	-165221,430
2546+0,00	0,00	3,45	0,00	63,98	12413,80	177699,21	-165285,410
2547+0,00	0,00	3,46	0,00	69,14	12413,80	177768,35	-165354,550
2548+0,00	0,00	2,31	0,00	57,78	12413,80	177826,13	-165412,330
2549+0,00	0,00	2,23	0,00	45,44	12413,80	177871,57	-165457,770
2550+0,00	0,00	3,30	0,00	55,57	12413,80	177927,14	-165513,340

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2551+0,00	0,00	3,38	0,00	66,96	12413,80	177994,09	-165580,290
2552+0,00	0,00	3,29	0,00	66,48	12413,80	178060,57	-165646,770
2553+0,00	0,00	2,58	0,00	58,68	12413,80	178119,25	-165705,450
2554+0,00	0,00	1,74	0,00	43,19	12413,80	178162,44	-165748,640
2555+0,00	0,00	1,92	0,00	36,64	12413,80	178199,09	-165785,290
2556+0,00	0,00	3,36	0,00	52,84	12413,80	178251,93	-165838,130
2557+0,00	0,00	0,00	0,00	33,63	12413,80	178285,55	-165871,750
2558+0,00	0,00	0,00	0,00	0,00	12413,80	178285,55	-165871,750
2559+0,00	0,00	3,16	0,00	31,55	12413,80	178317,10	-165903,300
2560+0,00	0,00	3,69	0,00	68,43	12413,80	178385,53	-165971,730
2561+0,00	0,00	4,61	0,00	82,93	12413,80	178468,46	-166054,660
2562+0,00	0,00	3,72	0,00	83,23	12413,80	178551,69	-166137,890
2563+0,00	0,00	3,35	0,00	70,76	12413,80	178622,45	-166208,650
2564+0,00	0,00	3,37	0,00	67,31	12413,80	178689,76	-166275,960
2565+0,00	0,00	3,00	0,00	63,76	12413,80	178753,52	-166339,720
2566+0,00	0,00	2,51	0,00	55,11	12413,80	178808,63	-166394,830
2567+0,00	0,00	3,46	0,00	59,23	12413,80	178867,85	-166454,050
2568+0,00	0,00	3,41	0,00	68,74	12413,80	178936,59	-166522,790
2569+0,00	0,04	2,06	0,41	54,74	12414,21	178991,34	-166577,130
2570+0,00	0,04	2,64	0,82	47,05	12415,03	179038,38	-166623,350
2571+0,00	0,00	3,49	0,40	61,69	12415,42	179100,07	-166684,650
2572+0,00	0,00	4,22	0,00	77,72	12415,42	179177,79	-166762,370
2573+0,00	0,00	4,98	0,00	92,01	12415,42	179269,80	-166854,380
2574+0,00	0,00	5,48	0,00	105,16	12415,42	179374,96	-166959,540
2575+0,00	0,00	5,16	0,00	107,11	12415,42	179482,07	-167066,650
2576+0,00	0,00	3,99	0,00	91,90	12415,42	179573,97	-167158,550
2577+0,00	0,00	4,33	0,00	83,12	12415,42	179657,09	-167241,670
2578+0,00	0,00	3,49	0,00	79,06	12415,42	179736,16	-167320,740
2579+0,00	0,00	0,00	0,00	35,25	12415,42	179771,41	-167355,990
2580+0,00	0,00	3,43	0,00	34,51	12415,42	179805,92	-167390,500
2581+0,00	0,00	3,24	0,00	66,67	12415,42	179872,59	-167457,170
2582+0,00	0,00	2,83	0,00	60,28	12415,42	179932,87	-167517,450
2583+0,00	0,00	3,64	0,00	64,52	12415,42	179997,39	-167581,970
2584+0,00	0,00	3,42	0,00	70,29	12415,42	180067,68	-167652,260
2585+0,00	0,00	3,21	0,00	66,47	12415,42	180134,15	-167718,730
2586+0,00	0,00	3,39	0,00	66,10	12415,42	180200,25	-167784,830
2587+0,00	0,00	3,47	0,00	68,55	12415,42	180268,80	-167853,380
2588+0,00	0,00	3,53	0,00	67,93	12415,42	180336,72	-167921,300
2589+0,00	0,00	3,54	0,00	69,00	12415,42	180405,73	-167990,310
2590+0,00	0,00	3,47	0,01	70,09	12415,43	180475,81	-168060,380
2591+0,00	0,00	3,51	0,02	69,10	12415,45	180544,92	-168129,470
2592+0,00	0,01	3,23	0,12	67,16	12415,57	180612,08	-168196,510
2593+0,00	0,03	2,97	0,40	61,96	12415,97	180674,04	-168258,070
2594+0,00	0,01	3,09	0,34	60,63	12416,31	180734,67	-168318,360
2595+0,00	0,00	3,26	0,06	63,52	12416,37	180798,19	-168381,820
2596+0,00	0,00	3,67	0,00	70,16	12416,37	180868,35	-168451,980
2597+0,00	0,00	4,01	0,00	76,83	12416,37	180945,18	-168528,810
2598+0,00	0,00	4,10	0,00	81,80	12416,37	181026,98	-168610,610
2599+0,00	0,00	3,66	0,00	77,60	12416,37	181104,58	-168688,210
2600+0,00	0,00	3,64	0,00	73,02	12416,37	181177,60	-168761,230
2601+0,00	0,00	3,42	0,00	71,06	12416,37	181248,66	-168832,290
2602+0,00	0,00	3,36	0,00	69,43	12416,37	181318,08	-168901,710
2603+0,00	0,00	4,00	0,00	74,23	12416,37	181392,32	-168975,950
2604+0,00	0,00	4,63	0,00	86,34	12416,37	181478,66	-169062,290
2605+0,00	0,00	3,27	0,00	79,04	12416,37	181557,70	-169141,330
2606+0,00	0,00	3,49	0,00	65,90	12416,37	181623,60	-169207,230
2607+0,00	0,00	3,49	0,00	69,03	12416,37	181692,63	-169276,260
2608+0,00	0,00	2,58	0,00	60,73	12416,37	181753,35	-169336,980
2609+0,00	0,06	0,00	0,56	25,81	12416,93	181779,17	-169362,240
2610+0,00	0,04	0,96	0,93	9,56	12417,86	181788,72	-169370,860
2611+0,00	0,00	0,00	0,39	9,56	12418,25	181798,28	-169380,030
2612+0,00	0,00	1,80	0,02	17,95	12418,26	181816,23	-169397,970
2613+0,00	0,00	2,59	0,00	43,88	12418,26	181860,12	-169441,860
2614+0,00	0,00	3,24	0,00	58,31	12418,26	181918,43	-169500,170

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2615+0,00	0,00	3,36	0,00	66,59	12418,26	181985,01	-169566,750
2616+0,00	0,00	3,33	0,00	66,76	12418,26	182051,77	-169633,510
2617+0,00	0,00	2,77	0,00	61,96	12418,26	182113,73	-169695,470
2618+0,00	0,00	3,28	0,00	59,98	12418,26	182173,71	-169755,450
2619+0,00	0,00	3,82	0,00	70,69	12418,26	182244,40	-169826,140
2620+0,00	0,00	3,39	0,00	72,10	12418,26	182316,50	-169898,240
2621+0,00	0,00	3,21	0,00	66,00	12418,26	182382,50	-169964,240
2622+0,00	0,00	3,24	0,00	64,54	12418,26	182447,04	-170028,780
2623+0,00	0,00	3,29	0,00	65,31	12418,26	182512,36	-170094,100
2624+0,00	0,00	5,01	0,00	82,99	12418,26	182595,35	-170177,090
2625+0,00	0,00	7,38	0,00	123,88	12418,26	182719,23	-170300,970
2626+0,00	0,00	8,50	0,00	158,81	12418,26	182878,03	-170459,770
2627+0,00	0,00	7,49	0,00	159,91	12418,26	183037,94	-170619,680
2628+0,00	0,00	5,84	0,00	133,27	12418,26	183171,21	-170752,950
2629+0,00	0,00	4,67	0,00	105,04	12418,26	183276,26	-170858,000
2630+0,00	0,00	3,53	0,00	81,97	12418,26	183358,23	-170939,970
2631+0,00	0,00	4,48	0,00	80,03	12418,26	183438,26	-171020,000
2632+0,00	0,00	12,25	0,00	164,45	12418,26	183602,71	-171184,450
2633+0,00	0,00	30,05	0,00	419,72	12418,26	184022,44	-171604,180
2634+0,00	0,00	44,23	0,00	741,34	12418,26	184763,78	-172345,520
2635+0,00	0,00	36,68	0,00	807,93	12418,26	185571,71	-173153,450
2636+0,00	0,00	9,39	0,00	460,72	12418,26	186032,43	-173614,170
2637+0,00	0,00	5,91	0,00	153,77	12418,26	186186,20	-173767,940
2638+0,00	0,00	4,13	0,00	102,72	12418,26	186288,92	-173870,660
2639+0,00	0,00	3,18	0,00	73,61	12418,26	186362,53	-173944,270
2640+0,00	0,00	5,06	0,00	83,45	12418,26	186445,98	-174027,720
2641+0,00	0,00	0,00	0,00	51,04	12418,26	186497,01	-174078,750
2642+0,00	0,00	3,53	0,00	35,41	12418,26	186532,43	-174114,170
2643+0,00	0,00	2,90	0,00	64,81	12418,26	186597,23	-174178,970
2644+0,00	0,00	3,13	0,00	60,28	12418,26	186657,52	-174239,260
2645+0,00	0,00	3,67	0,00	68,73	12418,26	186726,25	-174307,990
2646+0,00	0,00	3,32	0,00	70,09	12418,26	186796,34	-174378,080
2647+0,00	0,03	2,24	0,27	55,12	12418,53	186851,46	-174432,930
2648+0,00	0,00	2,47	0,29	45,57	12418,83	186897,03	-174478,200
2649+0,00	0,00	4,46	0,00	68,89	12418,83	186965,92	-174547,090
2650+0,00	0,00	4,93	0,00	93,90	12418,83	187059,82	-174640,990
2651+0,00	0,00	4,35	0,00	92,63	12418,83	187152,45	-174733,620
2652+0,00	0,00	5,04	0,00	93,90	12418,83	187246,35	-174827,520
2653+0,00	0,00	4,27	0,00	93,03	12418,83	187339,38	-174920,550
2654+0,00	0,00	3,83	0,00	80,95	12418,83	187420,33	-175001,500
2655+0,00	0,00	3,28	0,00	71,21	12418,83	187491,54	-175072,710
2656+0,00	0,00	2,80	0,00	61,97	12418,83	187553,51	-175134,680
2657+0,00	0,03	1,65	0,28	44,83	12419,11	187598,33	-175179,220
2658+0,00	0,00	2,00	0,28	36,97	12419,39	187635,30	-175215,910
2659+0,00	0,00	2,08	0,01	40,85	12419,40	187676,16	-175256,760
2660+0,00	0,00	3,37	0,01	54,94	12419,40	187731,10	-175311,700
2661+0,00	0,00	3,00	0,00	63,75	12419,40	187794,85	-175375,450
2662+0,00	0,00	3,43	0,00	64,43	12419,40	187859,28	-175439,880
2663+0,00	0,00	3,64	0,00	70,66	12419,40	187929,94	-175510,540
2664+0,00	0,00	3,42	0,00	70,59	12419,40	188000,53	-175581,130
2665+0,00	0,13	1,98	1,30	54,04	12420,70	188054,57	-175633,870
2666+0,00	0,01	3,27	1,36	52,48	12422,07	188107,06	-175684,990
2667+0,00	0,00	3,45	0,07	67,64	12422,14	188174,70	-175752,560
2668+0,00	0,00	3,47	0,01	69,17	12422,15	188243,87	-175821,720
2669+0,00	0,00	3,39	0,00	68,57	12422,15	188312,44	-175890,290
2670+0,00	0,00	3,42	0,00	68,10	12422,15	188380,54	-175958,390
2671+0,00	0,00	3,33	0,00	67,54	12422,15	188448,08	-176025,930
2672+0,00	0,00	3,49	0,00	68,34	12422,15	188516,42	-176094,270
2673+0,00	0,00	3,43	0,00	69,22	12422,15	188585,64	-176163,490
2674+0,00	0,00	3,34	0,00	67,70	12422,15	188653,34	-176231,190
2675+0,00	0,00	2,42	0,03	57,52	12422,18	188710,86	-176288,680
2676+0,00	0,12	1,68	1,24	40,95	12423,42	188751,82	-176328,400
2677+0,00	0,60	0,67	7,24	23,53	12430,66	188775,35	-176344,690
2678+0,00	1,31	0,10	19,17	7,70	12449,83	188783,05	-176333,220



Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2679+0,00	2,22	0,00	35,10	0,98	12484,94	188784,02	-176299,080
2680+0,00	1,83	0,00	40,51	0,00	12525,45	188784,02	-176258,570
2681+0,00	1,55	0,00	33,48	0,00	12558,93	188784,02	-176225,090
2682+0,00	0,08	0,93	16,27	9,30	12575,20	188793,33	-176218,130
2683+0,00	0,00	2,52	0,78	34,36	12575,99	188827,68	-176251,690
2684+0,00	0,00	3,25	0,00	57,58	12575,99	188885,26	-176309,270
2685+0,00	0,00	3,30	0,00	65,07	12575,99	188950,33	-176374,340
2686+0,00	0,00	3,49	0,00	67,47	12575,99	189017,81	-176441,820
2687+0,00	0,00	3,38	0,00	68,65	12575,99	189086,45	-176510,460
2688+0,00	0,00	3,29	0,00	66,61	12575,99	189153,06	-176577,070
2689+0,00	0,00	4,23	0,00	75,16	12575,99	189228,22	-176652,230
2690+0,00	0,00	4,33	0,00	85,56	12575,99	189313,77	-176737,780
2691+0,00	0,00	4,28	0,00	86,14	12575,99	189399,91	-176823,920
2692+0,00	0,00	3,49	0,00	77,67	12575,99	189477,58	-176901,590
2693+0,00	0,00	3,42	0,00	69,11	12575,99	189546,69	-176970,700
2694+0,00	0,00	3,94	0,00	73,54	12575,99	189620,23	-177044,240
2695+0,00	0,00	3,61	0,00	75,56	12575,99	189695,79	-177119,800
2696+0,00	0,00	3,66	0,00	72,71	12575,99	189768,50	-177192,510
2697+0,00	0,00	4,25	0,00	79,10	12575,99	189847,60	-177271,610
2698+0,00	0,00	5,14	0,00	93,88	12575,99	189941,48	-177365,490
2699+0,00	0,00	5,14	0,00	102,78	12575,99	190044,26	-177468,270
2700+0,00	0,00	5,78	0,00	109,18	12575,99	190153,45	-177577,460
2701+0,00	0,00	4,87	0,00	106,46	12575,99	190259,91	-177683,920
2702+0,00	0,00	4,08	0,00	89,43	12575,99	190349,34	-177773,350
2703+0,00	0,00	3,39	0,00	74,65	12575,99	190423,99	-177848,000
2704+0,00	0,00	3,46	0,00	68,46	12575,99	190492,45	-177916,460
2705+0,00	0,00	2,88	0,00	63,41	12575,99	190555,86	-177979,870
2706+0,00	0,00	2,79	0,00	56,70	12575,99	190612,56	-178036,570
2707+0,00	0,00	2,99	0,00	57,79	12575,99	190670,35	-178094,360
2708+0,00	0,00	3,33	0,00	63,19	12575,99	190733,54	-178157,550
2709+0,00	0,00	3,37	0,00	66,99	12575,99	190800,52	-178224,530
2710+0,00	0,00	3,08	0,00	64,50	12575,99	190865,03	-178289,040
2711+0,00	0,00	2,27	0,00	53,49	12575,99	190918,52	-178342,530
2712+0,00	0,00	2,77	0,00	50,36	12575,99	190968,88	-178392,890
2713+0,00	0,00	3,13	0,00	58,93	12575,99	191027,80	-178451,810
2714+0,00	0,00	3,35	0,00	64,79	12575,99	191092,59	-178516,600
2715+0,00	0,00	3,36	0,00	67,16	12575,99	191159,75	-178583,760
2716+0,00	0,00	3,07	0,00	64,32	12575,99	191224,07	-178648,080
2717+0,00	0,00	2,95	0,00	60,22	12575,99	191284,29	-178708,300
2718+0,00	0,00	3,21	0,00	61,59	12575,99	191345,89	-178769,900
2719+0,00	0,00	2,48	0,00	56,83	12575,99	191402,71	-178826,720
2720+0,00	0,00	1,62	0,00	40,98	12575,99	191443,69	-178867,700
2721+0,00	0,10	1,00	0,97	26,25	12576,96	191469,94	-178892,980
2722+0,00	0,31	0,61	4,08	16,08	12581,04	191486,02	-178904,980
2723+0,00	0,00	2,19	3,11	28,01	12584,15	191514,03	-178929,880
2724+0,00	0,00	3,32	0,00	55,11	12584,15	191569,14	-178984,990
2725+0,00	0,00	3,33	0,00	66,49	12584,15	191635,63	-179051,480
2726+0,00	0,00	3,50	0,00	68,34	12584,15	191703,97	-179119,820
2727+0,00	0,00	3,46	0,00	68,64	12584,15	191772,61	-179188,460
2728+0,00	0,00	3,32	0,00	67,20	12584,15	191839,81	-179255,660
2729+0,00	0,00	4,28	0,00	76,34	12584,15	191916,15	-179332,000
2730+0,00	0,00	6,46	0,00	106,91	12584,15	192023,06	-179438,910
2731+0,00	0,00	8,58	0,00	150,47	12584,15	192173,53	-179589,380
2732+0,00	0,00	8,25	0,00	168,27	12584,15	192341,80	-179757,650
2733+0,00	0,00	4,32	0,00	125,73	12584,15	192467,53	-179883,380
2734+0,00	0,00	3,41	0,00	76,67	12584,15	192544,20	-179960,050
2735+0,00	0,00	3,44	0,00	68,61	12584,15	192612,81	-180028,660
2736+0,00	0,00	3,81	0,00	72,63	12584,15	192685,44	-180101,290
2737+0,00	0,00	4,23	0,00	80,94	12584,15	192766,38	-180182,230
2738+0,00	0,00	4,10	0,00	83,47	12584,15	192849,85	-180265,700
2739+0,00	0,00	3,77	0,00	79,22	12584,15	192929,07	-180344,920
2740+0,00	0,00	3,45	0,00	71,88	12584,15	193000,96	-180416,810
2741+0,00	0,00	3,29	0,00	67,15	12584,15	193068,10	-180483,950
2742+0,00	0,00	3,54	0,00	68,18	12584,15	193136,29	-180552,140

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2743+0,00	0,00	3,33	0,00	68,66	12584,15	193204,94	-180620,790
2744+0,00	0,00	3,40	0,00	67,21	12584,15	193272,15	-180688,000
2745+0,00	0,00	3,54	0,00	69,47	12584,15	193341,63	-180757,480
2746+0,00	0,00	3,36	0,00	69,09	12584,15	193410,72	-180826,570
2747+0,00	0,00	3,34	0,00	67,08	12584,15	193477,80	-180893,650
2748+0,00	0,00	3,25	0,00	65,94	12584,15	193543,75	-180959,600
2749+0,00	0,00	3,36	0,00	66,10	12584,15	193609,85	-181025,700
2750+0,00	0,00	0,00	0,00	33,58	12584,15	193643,43	-181059,280
2751+0,00	0,00	3,97	0,00	39,72	12584,15	193683,15	-181099,000
2752+0,00	0,00	5,03	0,00	90,03	12584,15	193773,18	-181189,030
2753+0,00	0,00	3,28	0,00	83,15	12584,15	193856,33	-181272,180
2754+0,00	0,00	3,17	0,00	64,57	12584,15	193920,89	-181336,740
2755+0,00	0,00	3,41	0,00	65,89	12584,15	193986,78	-181402,630
2756+0,00	0,00	3,52	0,00	69,37	12584,15	194056,16	-181472,010
2757+0,00	0,00	3,41	0,00	68,63	12584,15	194124,78	-181540,630
2758+0,00	0,00	3,48	0,00	68,68	12584,15	194193,46	-181609,310
2759+0,00	0,00	3,20	0,00	66,75	12584,15	194260,22	-181676,070
2760+0,00	0,00	3,37	0,00	65,76	12584,15	194325,98	-181741,830
2761+0,00	0,00	3,33	0,00	67,01	12584,15	194392,99	-181808,840
2762+0,00	0,00	3,43	0,00	67,57	12584,15	194460,56	-181876,410
2763+0,00	0,00	3,39	0,00	67,97	12584,15	194528,53	-181944,380
2764+0,00	0,00	2,87	0,00	62,56	12584,15	194591,09	-182006,940
2765+0,00	0,00	3,07	0,00	59,38	12584,15	194650,46	-182066,310
2766+0,00	0,00	3,10	0,00	61,85	12584,15	194712,31	-182128,160
2767+0,00	0,00	3,82	0,00	69,26	12584,15	194781,58	-182197,430
2768+0,00	0,00	3,55	0,00	73,61	12584,15	194855,18	-182271,030
2769+0,00	0,00	3,42	0,00	69,69	12584,15	194924,87	-182340,720
2770+0,00	0,00	3,39	0,00	68,10	12584,15	194992,97	-182408,820
2771+0,00	0,00	3,43	0,00	68,17	12584,15	195061,14	-182476,990
2772+0,00	0,00	3,41	0,00	68,36	12584,15	195129,50	-182545,350
2773+0,00	0,00	3,07	0,00	64,69	12584,15	195194,19	-182610,040
2774+0,00	0,00	3,50	0,00	65,83	12584,15	195260,03	-182675,880
2775+0,00	0,00	3,37	0,00	68,95	12584,15	195328,98	-182744,830
2776+0,00	0,00	3,44	0,00	68,01	12584,15	195396,99	-182812,840
2777+0,00	0,00	3,61	0,00	70,53	12584,15	195467,52	-182883,370
2778+0,00	0,00	3,93	0,00	75,31	12584,15	195542,82	-182958,670
2779+0,00	0,00	3,39	0,00	73,00	12584,15	195615,83	-183031,680
2780+0,00	0,00	3,41	0,00	67,90	12584,15	195683,73	-183099,580
2781+0,00	0,00	3,18	0,00	65,91	12584,15	195749,63	-183165,480
2782+0,00	0,00	3,19	0,00	63,68	12584,15	195813,31	-183229,160
2783+0,00	0,00	3,16	0,00	63,48	12584,15	195876,79	-183292,640
2784+0,00	0,00	3,38	0,00	65,71	12584,15	195942,50	-183358,350
2785+0,00	0,00	3,56	0,00	69,44	12584,15	196011,94	-183427,790
2786+0,00	0,00	3,43	0,00	70,07	12584,15	196082,01	-183497,860
2787+0,00	0,00	3,41	0,00	68,38	12584,15	196150,39	-183566,240
2788+0,00	0,00	2,95	0,00	63,56	12584,15	196213,95	-183629,800
2789+0,00	0,00	3,35	0,00	63,32	12584,15	196277,27	-183693,120
2790+0,00	0,00	3,35	0,00	67,09	12584,15	196344,36	-183760,210
2791+0,00	0,00	3,37	0,00	67,61	12584,15	196411,97	-183827,820
2792+0,00	0,00	2,98	0,00	63,79	12584,15	196475,77	-183891,620
2793+0,00	0,00	2,84	0,00	58,19	12584,15	196533,95	-183949,800
2794+0,00	0,00	3,49	0,00	63,64	12584,15	196597,59	-184013,440
2795+0,00	0,00	3,76	0,00	72,50	12584,15	196670,10	-184085,950
2796+0,00	0,00	3,55	0,00	73,13	12584,15	196743,22	-184159,070
2797+0,00	0,00	3,44	0,00	69,89	12584,15	196813,12	-184228,970
2798+0,00	0,00	3,55	0,00	69,85	12584,15	196882,97	-184298,820
2799+0,00	0,00	3,42	0,00	69,63	12584,15	196952,60	-184368,450
2800+0,00	0,00	3,32	0,00	67,27	12584,15	197019,87	-184435,720
2801+0,00	0,00	3,36	0,00	66,59	12584,15	197086,46	-184502,310
2802+0,00	0,00	3,38	0,00	67,47	12584,15	197153,93	-184569,780
2803+0,00	0,00	4,95	0,00	83,31	12584,15	197237,24	-184653,090
2804+0,00	0,00	6,54	0,00	114,92	12584,15	197352,16	-184768,010
2805+0,00	0,00	6,32	0,00	128,60	12584,15	197480,76	-184896,610
2806+0,00	0,00	3,98	0,00	103,00	12584,15	197583,76	-184999,610

Osvaldo Leandro da Silva Filho
Diretor de Obras e Projetos
Prefeitura Gurinhém - PB
Secretaria de Obras e Serviços

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2807+0,00	0,00	3,49	0,00	74,74	12584,15	197658,50	-185074,350
2808+0,00	0,00	3,20	0,00	66,92	12584,15	197725,42	-185141,270
2809+0,00	0,00	3,41	0,00	66,16	12584,15	197791,58	-185207,430
2810+0,00	0,00	3,71	0,00	69,53	12584,15	197861,11	-185276,960
2811+0,00	0,00	3,78	0,00	74,51	12584,15	197935,62	-185351,470
2812+0,00	0,00	3,47	0,00	72,47	12584,15	198008,09	-185423,940
2813+0,00	0,00	3,63	0,00	71,04	12584,15	198079,14	-185494,990
2814+0,00	0,00	3,66	0,00	72,92	12584,15	198152,06	-185567,910
2815+0,00	0,00	0,00	0,00	36,61	12584,15	198188,66	-185604,510
2816+0,00	0,69	0,40	6,88	3,97	12591,03	198192,63	-185601,600
2817+0,00	3,30	0,00	39,87	3,97	12630,90	198196,59	-185565,690
2818+0,00	1,99	0,00	52,89	0,00	12683,79	198196,59	-185512,800
2819+0,00	0,04	1,86	20,08	18,79	12703,86	198215,38	-185511,520
2820+0,00	0,00	3,32	0,39	52,28	12704,25	198267,67	-185563,420
2821+0,00	0,00	3,77	0,00	71,70	12704,25	198339,36	-185635,110
2822+0,00	0,00	2,24	0,00	60,18	12704,25	198399,54	-185695,290
2823+0,00	0,00	3,09	0,00	53,38	12704,25	198452,92	-185748,670
2824+0,00	0,00	2,61	0,00	56,86	12704,25	198509,78	-185805,530
2825+0,00	0,00	2,98	0,00	55,95	12704,25	198565,73	-185861,480
2826+0,00	0,00	2,82	0,00	57,84	12704,25	198623,58	-185919,330
2827+0,00	0,00	3,21	0,00	60,11	12704,25	198683,69	-185979,440
2828+0,00	0,00	3,36	0,00	65,85	12704,25	198749,54	-186045,290
2829+0,00	0,00	3,35	0,00	67,21	12704,25	198816,76	-186112,510
2830+0,00	0,00	3,15	0,00	64,93	12704,25	198881,69	-186177,440
2831+0,00	0,00	3,42	0,00	65,84	12704,25	198947,53	-186243,280
2832+0,00	0,00	3,52	0,00	69,67	12704,25	199017,20	-186312,950
2833+0,00	0,00	2,43	0,00	59,52	12704,25	199076,73	-186372,480
2834+0,00	0,00	2,35	0,00	47,76	12704,25	199124,49	-186420,240
2835+0,00	0,00	2,78	0,00	51,19	12704,25	199175,68	-186471,430
2836+0,00	0,00	3,10	0,00	58,79	12704,25	199234,47	-186530,220
2837+0,00	0,00	3,37	0,00	64,62	12704,25	199299,09	-186594,840
2838+0,00	0,00	3,08	0,00	64,49	12704,25	199363,58	-186659,330
2839+0,00	0,00	3,52	0,00	66,00	12704,25	199429,58	-186725,330
2840+0,00	0,00	3,73	0,00	72,57	12704,25	199502,15	-186797,900
2841+0,00	0,00	3,60	0,00	73,30	12704,25	199575,44	-186871,190
2842+0,00	0,00	3,61	0,00	72,16	12704,25	199647,61	-186943,360
2843+0,00	0,00	3,54	0,00	71,52	12704,25	199719,13	-187014,880
2844+0,00	0,00	3,31	0,00	68,48	12704,25	199787,61	-187083,360
2845+0,00	0,00	3,78	0,00	70,91	12704,25	199858,51	-187154,260
2846+0,00	0,00	2,89	0,00	66,66	12704,25	199925,18	-187220,930
2847+0,00	0,00	2,49	0,00	53,83	12704,25	199979,01	-187274,760
2848+0,00	0,00	3,39	0,00	58,81	12704,25	200037,82	-187333,570
2849+0,00	0,00	3,46	0,00	68,52	12704,25	200106,33	-187402,080
2850+0,00	0,00	3,28	0,00	67,30	12704,25	200173,63	-187469,380
2851+0,00	0,00	4,54	0,00	78,15	12704,25	200251,78	-187547,530
2852+0,00	0,00	4,79	0,00	93,27	12704,25	200345,05	-187640,800
2853+0,00	0,00	4,52	0,00	93,07	12704,25	200438,11	-187733,860
2854+0,00	0,00	4,24	0,00	87,57	12704,25	200525,68	-187821,430
2855+0,00	0,00	3,64	0,00	78,82	12704,25	200604,50	-187900,250
2856+0,00	0,00	3,46	0,00	71,02	12704,25	200675,52	-187971,270
2857+0,00	0,00	3,45	0,00	69,11	12704,25	200744,63	-188040,380
2858+0,00	0,00	3,29	0,00	67,45	12704,25	200812,07	-188107,820
2859+0,00	0,00	3,26	0,00	65,53	12704,25	200877,61	-188173,360
2860+0,00	0,00	3,20	0,00	64,69	12704,25	200942,29	-188238,040
2861+0,00	0,00	3,82	0,00	70,22	12704,25	201012,51	-188308,260
2862+0,00	0,00	3,39	0,00	72,07	12704,25	201084,58	-188380,330
2863+0,00	0,00	3,16	0,00	65,72	12704,25	201150,31	-188446,060
2864+0,00	0,00	0,00	0,00	31,51	12704,25	201181,82	-188477,570
2865+0,00	0,00	3,40	0,00	33,95	12704,25	201215,77	-188511,520
2866+0,00	0,00	3,47	0,00	68,69	12704,25	201284,46	-188580,210
2867+0,00	0,00	3,38	0,00	68,83	12704,25	201353,29	-188649,040
2868+0,00	0,00	3,81	0,00	71,96	12704,25	201425,25	-188721,000
2869+0,00	0,00	3,55	0,00	73,58	12704,25	201498,83	-188794,580
2870+0,00	0,00	3,92	0,00	76,11	12704,25	201574,94	-188870,690

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2871+0,00	0,00	3,33	0,00	73,16	12704,25	201648,10	-188943,850
2872+0,00	0,00	3,28	0,00	66,26	12704,25	201714,36	-189010,110
2873+0,00	0,04	3,30	0,45	65,67	12704,70	201780,03	-189075,330
2874+0,00	0,08	3,64	1,31	68,94	12706,01	201848,97	-189142,960
2875+0,00	0,21	3,18	3,10	66,18	12709,12	201915,15	-189206,030
2876+0,00	0,00	0,00	2,27	30,25	12711,39	201945,40	-189234,010
2877+0,00	0,00	4,05	0,00	40,44	12711,39	201985,84	-189274,450
2878+0,00	0,00	3,76	0,00	78,62	12711,39	202064,46	-189353,070
2879+0,00	0,00	3,31	0,00	70,97	12711,39	202135,43	-189424,040
2880+0,00	0,00	3,39	0,00	67,04	12711,39	202202,48	-189491,090
2881+0,00	0,00	3,33	0,00	67,96	12711,39	202270,44	-189559,050
2882+0,00	0,00	3,42	0,00	67,76	12711,39	202338,19	-189626,800
2883+0,00	0,00	3,37	0,00	67,90	12711,39	202406,10	-189694,710
2884+0,00	0,00	3,50	0,00	68,98	12711,39	202475,08	-189763,690
2885+0,00	0,00	3,15	0,00	66,51	12711,39	202541,59	-189830,200
2886+0,00	0,00	3,07	0,00	62,41	12711,39	202604,00	-189892,610
2887+0,00	0,00	3,46	0,00	66,75	12711,39	202670,75	-189959,360
2888+0,00	0,00	3,49	0,00	69,68	12711,39	202740,44	-190029,050
2889+0,00	0,00	3,56	0,00	70,45	12711,39	202810,89	-190099,500
2890+0,00	0,00	4,00	0,00	74,85	12711,39	202885,74	-190174,350
2891+0,00	0,01	3,78	0,10	78,12	12711,48	202963,86	-190252,380
2892+0,00	0,05	3,40	0,59	71,88	12712,07	203035,74	-190323,670
2893+0,00	0,03	3,68	0,78	70,82	12712,86	203106,56	-190393,700
2894+0,00	0,00	4,33	0,29	80,18	12713,15	203186,73	-190473,580
2895+0,00	0,04	3,55	0,39	79,83	12713,54	203266,56	-190553,020
2896+0,00	0,04	3,40	0,80	70,78	12714,33	203337,34	-190623,010
2897+0,00	0,04	3,76	0,89	70,24	12715,22	203407,58	-190692,360
2898+0,00	0,03	3,90	0,67	77,57	12715,90	203485,15	-190769,250
2899+0,00	0,06	3,58	0,92	74,46	12716,82	203559,61	-190842,790
2900+0,00	0,06	3,58	1,24	70,73	12718,06	203630,34	-190912,280
2901+0,00	0,00	3,38	0,54	71,70	12718,60	203702,04	-190983,440
2902+0,00	0,00	4,03	0,01	73,71	12718,61	203775,75	-191057,140
2903+0,00	0,00	4,28	0,00	83,61	12718,61	203859,36	-191140,750
2904+0,00	0,00	3,85	0,00	81,39	12718,61	203940,76	-191222,150
2905+0,00	0,00	3,65	0,00	74,79	12718,61	204015,55	-191296,940
2906+0,00	0,00	3,08	0,01	67,09	12718,62	204082,64	-191364,020
2907+0,00	0,00	3,29	0,01	63,56	12718,63	204146,20	-191427,570
2908+0,00	0,00	3,50	0,00	67,65	12718,63	204213,86	-191495,230
2909+0,00	0,00	3,61	0,00	71,10	12718,63	204284,95	-191566,320
2910+0,00	0,00	3,17	0,00	67,61	12718,63	204352,56	-191633,930
2911+0,00	0,00	3,50	0,00	66,64	12718,63	204419,20	-191700,570
2912+0,00	0,00	2,11	0,00	56,05	12718,63	204475,25	-191756,620
2913+0,00	0,04	0,79	0,40	28,95	12719,03	204504,20	-191785,170
2914+0,00	0,54	0,00	5,83	7,86	12724,85	204512,06	-191787,210
2915+0,00	0,11	0,09	6,52	0,85	12731,37	204512,91	-191781,540
2916+0,00	0,03	0,73	1,37	8,22	12732,74	204521,13	-191788,390
2917+0,00	0,00	2,34	0,29	30,94	12733,03	204552,07	-191819,040
2918+0,00	0,00	3,69	0,00	60,78	12733,03	204612,85	-191879,820
2919+0,00	0,00	3,18	0,00	69,01	12733,03	204681,87	-191948,840
2920+0,00	0,00	3,34	0,00	65,10	12733,03	204746,97	-192013,940
2921+0,00	0,00	2,96	0,00	62,93	12733,03	204809,90	-192076,870
2922+0,00	0,00	3,30	0,00	62,64	12733,03	204872,54	-192139,510
2923+0,00	0,00	3,83	0,00	71,28	12733,03	204943,82	-192210,790
2924+0,00	0,00	5,54	0,00	93,74	12733,03	205037,57	-192304,540
2925+0,00	0,00	2,96	0,00	85,07	12733,03	205122,64	-192389,610
2926+0,00	0,00	3,23	0,00	62,03	12733,03	205184,67	-192451,640
2927+0,00	0,00	3,46	0,00	66,63	12733,03	205251,29	-192518,260
2928+0,00	0,00	3,48	0,00	69,43	12733,03	205320,72	-192587,690
2929+0,00	0,00	3,48	0,00	69,39	12733,03	205390,11	-192657,080
2930+0,00	0,00	3,13	0,00	66,12	12733,03	205456,23	-192723,200
2931+0,00	0,00	3,63	0,00	67,60	12733,03	205523,83	-192790,800
2932+0,00	0,00	3,21	0,00	67,93	12733,03	205591,76	-192858,730
2933+0,00	0,00	3,33	0,00	65,08	12733,03	205656,84	-192923,810
2934+0,00	0,00	3,24	0,00	66,00	12733,03	205722,84	-192989,810

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2935+0,00	0,00	3,34	0,00	65,74	12733,03	205788,58	-193055,550
2936+0,00	0,00	3,37	0,00	67,03	12733,03	205855,61	-193122,580
2937+0,00	0,00	3,42	0,00	67,76	12733,03	205923,37	-193190,340
2938+0,00	0,00	1,44	0,00	48,63	12733,03	205972,00	-193238,970
2939+0,00	0,00	3,37	0,00	48,08	12733,03	206020,08	-193287,050
2940+0,00	0,00	1,66	0,00	50,27	12733,03	206070,36	-193337,330
2941+0,00	0,00	2,25	0,00	39,06	12733,03	206109,41	-193376,380
2942+0,00	0,00	3,47	0,00	57,16	12733,03	206166,57	-193433,540
2943+0,00	0,00	3,41	0,00	68,97	12733,03	206235,54	-193502,510
2944+0,00	0,06	1,42	0,61	48,35	12733,64	206283,89	-193550,250
2945+0,00	0,17	1,08	2,26	25,05	12735,90	206308,95	-193573,050
2946+0,00	0,04	2,07	2,07	31,78	12737,97	206340,73	-193602,760
2947+0,00	0,00	3,23	0,45	53,00	12738,42	206393,73	-193655,310
2948+0,00	0,00	3,43	0,00	66,92	12738,42	206460,65	-193722,230
2949+0,00	0,00	3,43	0,00	68,75	12738,42	206529,39	-193790,970
2950+0,00	0,01	2,69	0,08	61,17	12738,50	206590,56	-193852,060
2951+0,00	0,00	3,47	0,08	61,55	12738,59	206652,11	-193913,520
2952+0,00	0,00	3,59	0,00	70,79	12738,59	206722,90	-193984,310
2953+0,00	0,00	3,40	0,00	70,07	12738,59	206792,97	-194054,380
2954+0,00	0,00	3,40	0,00	68,03	12738,59	206861,00	-194122,410
2955+0,00	0,00	3,73	0,00	71,33	12738,59	206932,33	-194193,740
2956+0,00	0,00	3,61	0,00	73,39	12738,59	207005,72	-194267,130
2957+0,00	0,00	3,07	0,00	66,76	12738,59	207072,48	-194333,890
2958+0,00	0,00	3,47	0,00	65,09	12738,59	207137,57	-194398,980
2959+0,00	0,00	2,97	0,00	64,33	12738,59	207201,90	-194463,310
2960+0,00	0,00	3,53	0,00	65,19	12738,59	207267,09	-194528,500
2961+0,00	0,00	3,42	0,00	69,62	12738,59	207336,72	-194598,130
2962+0,00	0,00	3,53	0,00	69,52	12738,59	207406,24	-194667,650
2963+0,00	0,00	3,46	0,00	70,03	12738,59	207476,26	-194737,670
2964+0,00	0,02	1,46	0,16	49,22	12738,75	207525,48	-194786,730
2965+0,00	0,00	1,71	0,16	31,66	12738,90	207557,14	-194818,240
2966+0,00	0,00	3,39	0,00	51,04	12738,90	207608,18	-194869,280
2967+0,00	0,00	3,43	0,00	68,17	12738,90	207676,35	-194937,450
2968+0,00	0,00	3,35	0,00	67,80	12738,90	207744,15	-195005,250
2969+0,00	0,00	3,34	0,00	66,93	12738,90	207811,08	-195072,180
2970+0,00	0,00	3,45	0,00	67,84	12738,90	207878,92	-195140,020
2971+0,00	0,00	3,44	0,00	68,95	12738,90	207947,87	-195208,970
2972+0,00	0,00	3,27	0,00	67,18	12738,90	208015,05	-195276,150
2973+0,00	0,00	3,74	0,00	70,15	12738,90	208085,20	-195346,300
2974+0,00	0,00	3,25	0,00	69,96	12738,90	208155,15	-195416,250
2975+0,00	0,00	3,22	0,00	64,81	12738,90	208219,97	-195481,070
2976+0,00	0,00	3,49	0,00	67,08	12738,90	208287,05	-195548,150
2977+0,00	0,00	3,45	0,00	69,41	12738,90	208356,45	-195617,550
2978+0,00	0,00	3,32	0,00	67,76	12738,90	208424,21	-195685,310
2979+0,00	0,00	3,84	0,00	71,58	12738,90	208495,79	-195756,890
2980+0,00	0,00	3,53	0,00	73,69	12738,90	208569,49	-195830,590
2981+0,00	0,00	3,35	0,00	68,94	12738,90	208638,43	-195899,530
2982+0,00	0,00	0,00	0,00	33,54	12738,90	208671,97	-195933,070
2983+0,00	0,00	3,39	0,00	33,92	12738,90	208705,89	-195966,990
2984+0,00	0,00	3,94	0,00	73,34	12738,90	208779,23	-196040,330
2985+0,00	0,00	6,22	0,00	101,67	12738,90	208880,91	-196142,010
2986+0,00	0,00	3,66	0,00	98,84	12738,90	208979,75	-196240,850
2987+0,00	0,00	3,99	0,00	76,49	12738,90	209056,23	-196317,330
2988+0,00	0,00	3,44	0,00	74,25	12738,90	209130,48	-196391,580
2989+0,00	0,00	3,43	0,00	68,64	12738,90	209199,12	-196460,220
2990+0,00	0,00	3,24	0,00	66,73	12738,90	209265,85	-196526,950
2991+0,00	0,00	3,73	0,00	70,03	12738,90	209335,88	-196596,980
2992+0,00	0,00	3,42	0,00	71,63	12738,90	209407,51	-196668,610
2993+0,00	0,00	3,39	0,00	68,22	12738,90	209475,73	-196736,830
2994+0,00	0,00	3,46	0,00	68,70	12738,90	209544,44	-196805,540
2995+0,00	0,00	4,17	0,00	76,36	12738,90	209620,80	-196881,900
2996+0,00	0,00	3,72	0,00	78,99	12738,90	209699,79	-196960,890
2997+0,00	0,00	3,24	0,00	69,62	12738,90	209769,40	-197030,500
2998+0,00	0,00	3,45	0,00	67,03	12738,90	209836,43	-197097,530

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2999+0,00	0,00	3,50	0,00	69,82	12738,90	209906,25	-197167,350
3000+0,00	0,00	4,19	0,00	76,98	12738,90	209983,22	-197244,320
3001+0,00	0,00	3,37	0,00	75,85	12738,90	210059,08	-197320,180
3002+0,00	0,00	3,26	0,00	66,30	12738,90	210125,38	-197386,480
3003+0,00	0,00	3,36	0,00	66,33	12738,90	210191,71	-197452,810
3004+0,00	0,00	3,55	0,00	69,34	12738,90	210261,05	-197522,150
3005+0,00	0,00	3,43	0,00	69,94	12738,90	210331,00	-197592,100
3006+0,00	0,00	3,41	0,00	68,33	12738,90	210399,33	-197660,430
3007+0,00	0,00	3,45	0,00	68,53	12738,90	210467,86	-197728,960
3008+0,00	0,00	3,42	0,00	68,50	12738,90	210536,36	-197797,460
3009+0,00	0,00	3,85	0,00	72,70	12738,90	210609,06	-197870,160
3010+0,00	0,00	2,65	0,00	65,06	12738,90	210674,12	-197935,220
3011+0,00	0,00	2,79	0,00	54,39	12738,90	210728,51	-197989,610
3012+0,00	0,00	2,73	0,00	55,16	12738,90	210783,67	-198044,770
3013+0,00	0,00	3,46	0,00	61,76	12738,90	210845,42	-198106,520
3014+0,00	0,00	4,33	0,00	77,94	12738,90	210923,36	-198184,460
3015+0,00	0,00	4,10	0,00	84,42	12738,90	211007,78	-198268,880
3016+0,00	0,00	3,64	0,00	77,14	12738,90	211084,92	-198346,020
3017+0,00	0,00	3,78	0,00	73,75	12738,90	211158,67	-198419,770
3018+0,00	0,00	4,12	0,00	78,98	12738,90	211237,65	-198498,750
3019+0,00	0,00	4,01	0,00	81,26	12738,90	211318,92	-198580,020
3020+0,00	0,00	3,82	0,00	78,36	12738,90	211397,27	-198658,370
3021+0,00	0,00	3,80	0,00	76,11	12738,90	211473,39	-198734,490
3022+0,00	0,00	3,25	0,05	69,09	12738,95	211542,48	-198803,530
3023+0,00	0,00	3,88	0,05	69,98	12739,00	211612,46	-198873,460
3024+0,00	0,00	4,17	0,00	80,48	12739,00	211692,94	-198953,940
3025+0,00	0,00	4,02	0,00	82,02	12739,00	211774,96	-199035,960
3026+0,00	0,00	3,32	0,00	73,52	12739,00	211848,48	-199109,480
3027+0,00	0,00	3,37	0,00	67,19	12739,00	211915,67	-199176,670
3028+0,00	0,00	3,15	0,00	65,26	12739,00	211980,92	-199241,920
3029+0,00	0,00	4,04	0,00	72,11	12739,00	212053,04	-199314,040
3030+0,00	0,00	2,84	0,00	68,73	12739,00	212121,76	-199382,760
3031+0,00	0,00	3,40	0,00	62,33	12739,00	212184,10	-199445,100
3032+0,00	0,00	3,33	0,00	67,34	12739,00	212251,44	-199512,440
3033+0,00	0,00	3,38	0,00	67,15	12739,00	212318,59	-199579,590
3034+0,00	0,00	3,55	0,00	69,35	12739,00	212387,94	-199648,940
3035+0,00	0,00	3,61	0,00	71,64	12739,00	212459,58	-199720,580
3036+0,00	0,00	3,65	0,00	72,57	12739,00	212532,15	-199793,150
3037+0,00	0,00	3,94	0,00	75,90	12739,00	212608,05	-199869,050
3038+0,00	0,00	3,44	0,00	73,63	12739,00	212681,68	-199942,680
3039+0,00	0,00	3,59	0,00	70,34	12739,00	212752,02	-200013,020
3040+0,00	0,00	3,42	0,00	70,14	12739,00	212822,16	-200083,160
3041+0,00	0,00	3,36	0,00	67,80	12739,00	212889,96	-200150,960
3042+0,00	0,00	5,08	0,00	84,34	12739,00	212974,30	-200235,300
3043+0,00	0,00	5,32	0,00	104,85	12739,00	213079,15	-200340,150
3044+0,00	0,00	4,89	0,00	102,14	12739,00	213181,28	-200442,280
3045+0,00	0,00	4,40	0,00	92,87	12739,00	213274,15	-200535,150
3046+0,00	0,00	3,82	0,00	82,17	12739,00	213356,32	-200617,320
3047+0,00	0,00	3,97	0,00	77,91	12739,00	213434,24	-200695,240
3048+0,00	0,00	3,03	0,00	70,01	12739,00	213504,24	-200765,240
3049+0,00	0,00	2,69	0,01	57,13	12739,01	213561,37	-200822,360
3050+0,00	0,00	2,99	0,01	56,77	12739,02	213618,14	-200879,120
3051+0,00	0,20	1,06	1,95	40,52	12740,97	213658,66	-200917,690
3051+15,00	0,76	0,36	7,19	10,67	12748,16	213669,33	-200921,170

14.5 TRECHO V

Rua Acésio do Rêgo Monteiro, nº 1515
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Nota de Serviço Tabela

MUNICÍPIO DE DOM INOCENCIO AO POVOADO BARRA DO BONITO 0+0.000 2599+15.000

Lado Esquerdo						Eixo				Lado Direito					
Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)	Estaca	Cota Projeto	Cota Terreno	Cota Vermelha	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)
-4.390	340.348	66.67	-4.000	340.088	-2.00	0+0.000	340.168	340.168	0.000	4.000	340.088	-2.00	4.058	340.001	-150.00
-4.094	339.270	66.67	-4.000	339.208	-2.00	1+0.000	339.288	339.102	0.186	4.000	339.208	-2.00	4.171	338.951	-150.00
-4.121	338.146	-150.00	-4.000	338.327	-2.00	2+0.000	338.407	338.068	0.339	4.000	338.327	-2.00	4.226	337.989	-150.00
-4.142	337.343	-150.00	-4.000	337.556	-2.00	3+0.000	337.636	337.252	0.384	4.000	337.556	-2.00	4.271	337.149	-150.00
-4.196	336.752	-150.00	-4.000	337.046	-2.00	4+0.000	337.126	336.696	0.430	4.000	337.046	-2.00	4.271	336.639	-150.00
-4.144	336.548	-150.00	-4.000	336.764	-2.00	5+0.000	336.844	336.441	0.402	4.000	336.764	-2.00	4.235	336.411	-150.00
-4.175	336.426	-150.00	-4.000	336.688	-2.00	6+0.000	336.768	336.381	0.388	4.000	336.688	-2.00	4.213	336.368	-150.00
-4.147	336.975	-150.00	-4.000	337.195	-2.00	7+0.000	337.275	336.952	0.323	4.000	337.195	-2.00	4.178	336.929	-150.00
-4.151	337.662	-150.00	-4.000	337.888	-2.00	8+0.000	337.968	337.624	0.344	4.000	337.888	-2.00	4.202	337.586	-150.00
-4.136	338.377	-150.00	-4.000	338.581	-2.00	9+0.000	338.661	338.341	0.320	4.000	338.581	-2.00	4.184	338.305	-150.00
-4.109	339.110	-150.00	-4.000	339.274	-2.00	10+0.000	339.354	339.075	0.279	4.000	339.274	-2.00	4.157	339.039	-150.00
-4.184	339.607	-150.00	-4.000	339.884	-2.00	11+0.000	339.964	339.556	0.408	4.000	339.884	-2.00	4.253	339.504	-150.00
-4.165	339.638	-150.00	-4.000	339.885	-2.00	12+0.000	339.965	339.604	0.362	4.000	339.885	-2.00	4.211	339.569	-150.00
-4.135	339.685	-150.00	-4.000	339.887	-2.00	13+0.000	339.967	339.650	0.316	4.000	339.887	-2.00	4.182	339.614	-150.00
-4.154	339.656	-150.00	-4.000	339.888	-2.00	14+0.000	339.968	339.626	0.342	4.000	339.888	-2.00	4.195	339.596	-150.00
-4.193	339.599	-150.00	-4.000	339.889	-2.00	15+0.000	339.969	339.584	0.385	4.000	339.889	-2.00	4.210	339.574	-150.00
-4.180	339.728	-150.00	-4.000	339.999	-2.00	16+0.000	340.079	339.721	0.358	4.000	339.999	-2.00	4.183	339.724	-150.00
-4.159	340.013	-150.00	-4.000	340.252	-2.00	17+0.000	340.332	340.021	0.310	4.000	340.252	-2.00	4.149	340.029	-150.00
-4.134	340.305	-150.00	-4.000	340.505	-2.00	18+0.000	340.585	340.303	0.282	4.000	340.505	-2.00	4.140	340.295	-150.00
-4.160	340.537	-150.00	-4.000	340.777	-2.00	19+0.000	340.857	340.506	0.351	4.000	340.777	-2.00	4.201	340.475	-150.00
-4.155	341.008	-150.00	-4.000	341.240	-2.00	20+0.000	341.320	340.978	0.342	4.000	341.240	-2.00	4.190	340.955	-150.00
-4.131	341.539	-150.00	-4.000	341.735	-2.00	21+0.000	341.815	341.484	0.331	4.000	341.735	-2.00	4.205	341.428	-150.00
-4.148	341.978	-150.00	-4.000	342.200	-2.00	22+0.000	342.280	341.867	0.413	4.000	342.200	-2.00	4.291	341.764	-150.00
-4.109	342.450	-150.00	-4.000	342.614	-2.00	23+0.000	342.694	342.306	0.388	4.000	342.614	-2.00	4.306	342.155	-150.00
-4.092	342.666	-150.00	-4.000	342.804	-2.00	24+0.000	342.884	342.516	0.367	4.000	342.804	-2.00	4.295	342.361	-150.00
-4.103	342.942	-150.00	-4.000	343.096	-2.00	25+0.000	343.176	342.809	0.367	4.000	343.096	-2.00	4.295	342.654	-150.00
-4.122	343.004	-150.00	-4.000	343.188	-2.00	26+0.000	343.268	342.854	0.414	4.000	343.188	-2.00	4.327	342.697	-150.00
-4.106	343.076	-150.00	-4.000	343.235	-2.00	27+0.000	343.315	342.922	0.393	4.000	343.235	-2.00	4.316	342.760	-150.00
-4.085	343.153	-150.00	-4.000	343.281	-2.00	28+0.000	343.361	342.987	0.374	4.000	343.281	-2.00	4.313	342.812	-150.00
-4.134	343.134	-150.00	-4.000	343.335	-2.00	29+0.000	343.415	343.029	0.386	4.000	343.335	-2.00	4.276	342.920	-150.00
-4.068	343.299	-150.00	-4.000	343.401	-2.00	30+0.000	343.481	343.213	0.268	4.000	343.401	-2.00	4.184	343.125	-150.00
-4.216	343.608	66.67	-4.000	343.464	-2.00	31+0.000	343.544	343.472	0.072	4.000	343.464	-2.00	4.082	343.341	-150.00
-4.221	343.197	-150.00	-4.000	343.527	-2.00	32+0.000	343.607	343.191	0.417	4.000	343.527	-2.00	4.224	343.192	-150.00
-4.151	343.407	-150.00	-4.000	343.634	-2.00	33+0.000	343.714	343.369	0.344	4.000	343.634	-2.00	4.202	343.331	-150.00
-4.171	343.494	-150.00	-4.000	343.750	-2.00	34+0.000	343.830	343.428	0.402	4.000	343.750	-2.00	4.264	343.353	-150.00
-4.283	343.059	-150.00	-4.000	343.484	-2.00	35+0.000	343.564	342.956	0.608	4.000	343.484	-2.00	4.423	342.850	-150.00
-4.334	342.583	-150.00	-4.000	343.084	-2.00	36+0.000	343.164	342.547	0.617	4.000	343.084	-2.00	4.382	342.511	-150.00
-4.222	342.384	-150.00	-4.000	342.717	-2.00	37+0.000	342.797	342.377	0.420	4.000	342.717	-2.00	4.231	342.370	-150.00
-4.239	342.623	-150.00	-4.000	342.981	-2.00	38+0.000	343.061	342.612	0.450	4.000	342.981	-2.00	4.251	342.604	-150.00
-4.312	343.070	-150.00	-4.000	343.538	-2.00	39+0.000	343.618	343.037	0.580	4.000	343.538	-2.00	4.355	343.005	-150.00
-4.159	343.856	-150.00	-4.000	344.094	-2.00	40+0.000	344.174	343.688	0.487	4.000	344.094	-2.00	4.329	343.601	-150.00
-4.082	344.528	-150.00	-4.000	344.651	-2.00	41+0.000	344.731	344.382	0.349	4.000	344.651	-2.00	4.282	344.228	-150.00
-4.050	345.133	-150.00	-4.000	345.207	-2.00	42+0.000	345.287	344.928	0.359	4.000	345.207	-2.00	4.285	344.780	-150.00
-4.045	345.696	-150.00	-4.000	345.764	-2.00	43+0.000	345.844	345.487	0.358	4.000	345.764	-2.00	4.335	345.262	-150.00
-4.088	345.963	-150.00	-4.000	346.094	-2.00	44+0.000	346.174	345.762	0.413	4.000	346.094	-2.00	4.355	345.562	-150.00
-4.061	346.075	-150.00	-4.000	346.166	-2.00	45+0.000	346.246	345.852	0.393	4.000	346.166	-2.00	4.368	345.613	-150.00
-4.083	345.909	-150.00	-4.000	346.033	-2.00	46+0.000	346.113	345.701	0.412	4.000	346.033	-2.00	4.370	345.478	-150.00
-4.103	345.684	-150.00	-4.000	345.838	-2.00	47+0.000	345.918	345.505	0.413	4.000	345.838	-2.00	4.378	345.272	-150.00
-4.141	345.412	-150.00	-4.000	345.623	-2.00	48+0.000	345.703	345.270	0.433	4.000	345.623	-2.00	4.376	345.060	-150.00
-4.121	345.088	-150.00	-4.000	345.270	-2.00	49+0.000	345.350	344.905	0.445	4.000	345.270	-2.00	4.387	344.689	-150.00
-4.159	344.506	-150.00	-4.000	344.745	-2.00	50+0.000	344.825	344.318	0.507	4.000	344.745	-2.00	4.413	344.125	-150.00
-4.204	343.881	-150.00	-4.000	344.187	-2.00	51+0.000	344.267	343.702	0.565	4.000	344.187	-2.00	4.449	343.513	-150.00
-4.209	343.315	-150.00	-4.000	343.629	-2.00	52+0.000	343.709	343.139	0.570	4.000	343.629	-2.00	4.451	342.952	-150.00
-4.241	342.709	-150.00	-4.000	343.071	-2.00	53+0.000	343.151	342.559	0.592	4.000	343.071	-2.00	4.446	342.402	-150.00
-4.146	342.293	-150.00	-4.000	342.513	-2.00	54+0.000	342.593	342.141	0.452	4.000	342.513	-2.00	4.368	341.961	-150.00
-4.092	342.113	-150.00	-4.000	342.251	-2.00	55+0.000	342.331	341.897	0.435	4.000	342.251	-2.00	4.403	341.647	-150.00
-4.123	341.979	-150.00	-4.000	342.164	-2.00	56+0.000	342.244	341.745	0.499	4.000	342.164	-2.00	4.448	341.492	-150.00
-4.146	341.857	-150.00	-4.000	342.076	-2.00	57+0.000	342.156	341.626	0.530	4.000	342.076	-2.00	4.466	341.376	-150.00
-4.264	341.591	-150.00	-4.000	341.988	-2.00	58+0.000	342.068	341.433	0.635	4.000	341.988	-2.00	4.475	341.276	-150.00
-4.190	341.615	-150.00	-4.000	341.900	-2.00	59+0.000	341.980	341.477	0.502	4.000	341.900	-2.00	4.401	341.299	-150.00
-4.118	341.633	-150.00	-4.000	341.809	-2.00	60+0.000	341.889	341.468	0.421	4.000	341.809	-2.00	4.378	341.242	-150.00
-4.151	341.212	-150.00	-4.000	341.439	-2.00	61+0.000	341.519	341.068	0.452	4.000	341.439	-2.00	4.352	340.911	-150.00
-4.147	340.779	-150.00	-4.000	340.999	-2.00	62+0.000	341.079	340.635	0.444	4.000	340.999	-2.00	4.347	340.479	-150.00
-4.112	340.455	-150.00	-4.000	340.623	-2.00	63+0.000	340.703	340.266	0.437	4.000	340.623	-2.00	4.359	340.084	-150.00
-4.229	340.183	-150.00	-4.000	340.527	-2.00	64+0.000	340.607	339.949	0.659	4.000	340.527	-2.00	4.524	339.741	-150.00
-4.274	340.316	-150.00	-4.000	340.728	-2.00	65+0.000	340.808	340.112	0.696	4.000	340.728	-2.00	4.543	339.914	-150.00
-4.179	340.767	-150.00	-4.000	341.035	-2.00	66+0.000	341.115	340.601	0.514	4.000	341.035	-2.00	4.406	340.425	-150.00
-4.044	341.355	-150.00	-4.000	341.421	-2.00	67+0.000	341.501	341.171	0.330	4.000	341.421	-2.00	4.283	340.997	-150.00
-4.043	342.165	-150.00	-4.000	342.229	-2.00	68+0.000	342.309	342.016	0.294	4.000	342.229	-2.00	4.247	341.859	-150.00
			-4.000	343.194	-2.00	69+0.000	343.274	343.019	0.256	4.000	343.194	-2.00	4.237	342.839	-150.00
-4.101	344.879	66.67	-4.000	344.812	-2.00	70+0.000	344.892	344.698	0.193	4.000	344.812	-2.00	4.199	344.513	-150.00
-4.152	346.515	66.67	-4.000	346.413	-2.00	71+0.000	346.493	346.452	0.041	4.000	346.413	-2.00	4.015	346.391	-150.00
-4.625	348.296	66.67	-4.000	347.879	-2.00	72+0.000	347.959	348.292	-0.333	4.000	347.879	-2.00	4.613	348.288	66.67
-4.797	349.876	66.67	-4.000	349.345	-2.00	73+0.000	349.425	349.933	-0.509	4.000	349.345	-2.00	4.938	349.970	66.67

Original de Laboratório de Sil
Diretoria de Laboratório de
Projetos e Pesquisa Rod
Secretaria de Infraestrutura

-4.487	351.135	66.67	-4.000	350.811	-2.00	74+0.000	350.891	351.176	-0.285	4.000	350.811	-2.00	4.610	351.217	66.67
-4.089	352.143	-150.00	-4.000	352.276	-2.00	75+0.000	352.356	352.146	0.209	4.000	352.276	-2.00	4.084	352.150	-150.00
-4.206	353.081	-150.00	-4.000	353.390	-2.00	76+0.000	353.470	353.146	0.324	4.000	353.390	-2.00	4.120	353.210	-150.00
-4.117	353.987	-150.00	-4.000	354.163	-2.00	77+0.000	354.243	353.913	0.330	4.000	354.163	-2.00	4.110	353.998	-150.00
-4.318	354.755	66.67	-4.000	354.543	-2.00	78+0.000	354.623	354.682	-0.058	4.000	354.543	-2.00	4.103	354.612	66.67
-4.396	355.154	66.67	-4.000	354.890	-2.00	79+0.000	354.970	355.156	-0.186	4.000	354.890	-2.00	4.402	355.158	66.67
-4.363	355.479	66.67	-4.000	355.237	-2.00	80+0.000	355.317	355.512	-0.195	4.000	355.237	-2.00	4.463	355.546	66.67
-4.009	355.590	66.67	-4.000	355.584	-2.00	81+0.000	355.664	355.670	-0.007	4.000	355.584	-2.00	4.258	355.756	66.67
-4.258	355.544	-150.00	-4.000	355.930	-2.00	82+0.000	356.010	355.654	0.356	4.000	355.930	-2.00	4.116	355.756	-150.00
-4.219	355.808	-150.00	-4.000	356.137	-2.00	83+0.000	356.217	355.809	0.408	4.000	356.137	-2.00	4.150	355.912	-150.00
-4.250	355.955	-150.00	-4.000	356.330	-2.00	84+0.000	356.410	356.014	0.397	4.000	356.330	-2.00	4.106	356.171	-150.00
-4.206	356.266	-150.00	-4.000	356.575	-2.00	85+0.000	356.655	356.317	0.338	4.000	356.575	-2.00	4.109	356.412	-150.00
-4.202	356.766	-150.00	-4.000	357.069	-2.00	86+0.000	357.149	356.826	0.323	4.000	357.069	-2.00	4.129	356.876	-150.00
-4.214	357.242	-150.00	-4.000	357.563	-2.00	87+0.000	357.643	357.306	0.337	4.000	357.563	-2.00	4.130	357.368	-150.00
-4.201	357.788	-150.00	-4.000	358.090	-2.00	88+0.000	358.170	357.849	0.321	4.000	358.090	-2.00	4.120	357.910	-150.00
-4.229	358.426	-150.00	-4.000	358.769	-2.00	89+0.000	358.849	358.571	0.279	4.000	358.769	-2.00	4.078	358.653	-150.00
-4.285	359.021	-150.00	-4.000	359.449	-2.00	90+0.000	359.529	359.164	0.365	4.000	359.449	-2.00	4.099	359.301	-150.00
-4.327	359.637	-150.00	-4.000	360.128	-2.00	91+0.000	360.208	359.835	0.373	4.000	360.128	-2.00	4.071	360.022	-150.00
-4.290	360.373	-150.00	-4.000	360.807	-2.00	92+0.000	360.887	360.569	0.318	4.000	360.807	-2.00	4.043	360.742	-150.00
-4.287	361.147	-150.00	-4.000	361.578	-2.00	93+0.000	361.658	361.352	0.306	4.000	361.578	-2.00	4.022	361.545	-150.00
-4.307	361.954	-150.00	-4.000	362.415	-2.00	94+0.000	362.495	362.174	0.321	4.000	362.415	-2.00	4.015	362.392	-150.00
-4.299	362.608	-150.00	-4.000	363.057	-2.00	95+0.000	363.137	362.827	0.310	4.000	363.057	-2.00	4.015	363.035	-150.00
-4.297	363.230	-150.00	-4.000	363.675	-2.00	96+0.000	363.755	363.463	0.292	4.000	363.675	-2.00	4.009	363.681	66.67
-4.161	364.109	-150.00	-4.000	364.350	-2.00	97+0.000	364.430	364.225	0.205	4.000	364.350	-2.00	4.009	364.336	-150.00
-4.193	364.941	-150.00	-4.000	365.231	-2.00	98+0.000	365.311	365.018	0.293	4.000	365.231	-2.00	4.081	365.109	-150.00
-4.138	365.690	-150.00	-4.000	365.897	-2.00	99+0.000	365.977	365.743	0.234	4.000	365.897	-2.00	4.068	365.795	-150.00
-4.196	366.239	-150.00	-4.000	366.534	-2.00	100+0.000	366.614	366.279	0.335	4.000	366.534	-2.00	4.143	366.318	-150.00
-4.223	366.646	-150.00	-4.000	366.980	-2.00	101+0.000	367.060	366.735	0.324	4.000	366.980	-2.00	4.167	366.729	-150.00
-4.286	366.854	-150.00	-4.000	367.283	-2.00	102+0.000	367.363	366.956	0.407	4.000	367.283	-2.00	4.165	367.036	-150.00
-4.387	366.665	-150.00	-4.000	367.245	-2.00	103+0.000	367.325	366.702	0.623	4.000	367.245	-2.00	4.338	366.739	-150.00
-4.312	366.738	-150.00	-4.000	367.206	-2.00	104+0.000	367.286	366.740	0.546	4.000	367.206	-2.00	4.307	366.745	-150.00
-4.244	366.801	-150.00	-4.000	367.167	-2.00	105+0.000	367.247	366.810	0.438	4.000	367.167	-2.00	4.253	366.788	-150.00
-4.238	366.754	-150.00	-4.000	367.111	-2.00	106+0.000	367.191	366.769	0.423	4.000	367.111	-2.00	4.219	366.783	-150.00
-4.189	366.758	-150.00	-4.000	367.042	-2.00	107+0.000	367.122	366.737	0.385	4.000	367.042	-2.00	4.218	366.715	-150.00
-4.213	366.653	-150.00	-4.000	366.973	-2.00	108+0.000	367.053	366.610	0.443	4.000	366.973	-2.00	4.271	366.567	-150.00
-4.195	366.602	-150.00	-4.000	366.894	-2.00	109+0.000	366.974	366.556	0.418	4.000	366.894	-2.00	4.257	366.508	-150.00
-4.206	366.435	-150.00	-4.000	366.745	-2.00	110+0.000	366.825	366.403	0.422	4.000	366.745	-2.00	4.259	366.357	-150.00
-4.222	366.019	-150.00	-4.000	366.353	-2.00	111+0.000	366.433	365.972	0.461	4.000	366.353	-2.00	4.277	365.937	-150.00
-4.163	365.645	-150.00	-4.000	365.889	-2.00	112+0.000	365.969	365.612	0.357	4.000	365.889	-2.00	4.207	365.579	-150.00
-4.063	365.360	-150.00	-4.000	365.454	-2.00	113+0.000	365.534	365.360	0.174	4.000	365.454	-2.00	4.062	365.360	-150.00
-4.080	364.906	-150.00	-4.000	365.026	-2.00	114+0.000	365.106	364.977	0.129	4.000	365.026	-2.00	4.031	365.047	66.67
-4.315	364.127	-150.00	-4.000	364.599	-2.00	115+0.000	364.679	364.254	0.425	4.000	364.599	-2.00	4.149	364.375	-150.00
-4.255	364.053	-150.00	-4.000	364.436	-2.00	116+0.000	364.516	364.136	0.380	4.000	364.436	-2.00	4.125	364.248	-150.00
-4.327	363.962	-150.00	-4.000	364.452	-2.00	117+0.000	364.532	364.158	0.374	4.000	364.452	-2.00	4.073	364.343	-150.00
-4.416	364.268	-150.00	-4.000	364.891	-2.00	118+0.000	364.971	364.469	0.502	4.000	364.891	-2.00	4.155	364.658	-150.00
-4.433	364.681	-150.00	-4.000	365.330	-2.00	119+0.000	365.410	364.851	0.560	4.000	365.330	-2.00	4.212	365.012	-150.00
-4.347	365.249	-150.00	-4.000	365.769	-2.00	120+0.000	365.849	365.365	0.485	4.000	365.769	-2.00	4.178	365.502	-150.00
-4.344	365.693	-150.00	-4.000	366.208	-2.00	121+0.000	366.288	365.909	0.379	4.000	366.208	-2.00	4.130	366.014	-150.00
-4.299	365.757	-150.00	-4.000	366.206	-2.00	122+0.000	366.286	365.861	0.424	4.000	366.206	-2.00	4.162	365.962	-150.00
-4.118	365.663	-150.00	-4.000	365.841	-2.00	123+0.000	365.921	365.697	0.224	4.000	365.841	-2.00	4.077	365.726	-150.00
-4.144	365.261	-150.00	-4.000	365.477	-2.00	124+0.000	365.557	365.278	0.279	4.000	365.477	-2.00	4.121	365.295	-150.00
-4.188	364.830	-150.00	-4.000	365.112	-2.00	125+0.000	365.192	364.789	0.403	4.000	365.112	-2.00	4.229	364.768	-150.00
-4.220	364.418	-150.00	-4.000	364.748	-2.00	126+0.000	364.828	364.398	0.429	4.000	364.748	-2.00	4.261	364.356	-150.00
-4.187	364.200	-150.00	-4.000	364.479	-2.00	127+0.000	364.559	364.121	0.439	4.000	364.479	-2.00	4.293	364.040	-150.00
-4.125	364.081	-150.00	-4.000	364.268	-2.00	128+0.000	364.348	363.959	0.389	4.000	364.268	-2.00	4.291	363.832	-150.00
-4.145	363.839	-150.00	-4.000	364.056	-2.00	129+0.000	364.136	363.715	0.421	4.000	364.056	-2.00	4.314	363.586	-150.00
-4.161	363.603	-150.00	-4.000	363.844	-2.00	130+0.000	363.924	363.474	0.450	4.000	363.844	-2.00	4.336	363.340	-150.00
-4.189	363.349	-150.00	-4.000	363.633	-2.00	131+0.000	363.713	363.281	0.432	4.000	363.633	-2.00	4.319	363.154	-150.00
-4.205	362.789	-150.00	-4.000	363.097	-2.00	132+0.000	363.177	362.728	0.450	4.000	363.097	-2.00	4.288	362.665	-150.00
-4.091	362.790	-150.00	-4.000	362.926	-2.00	133+0.000	363.006	362.662	0.344	4.000	362.926	-2.00	4.265	362.529	-150.00
-4.094	362.999	-150.00	-4.000	363.139	-2.00	134+0.000	363.219	362.884	0.335	4.000	363.139	-2.00	4.249	362.765	-150.00
-4.135	363.054	-150.00	-4.000	363.257	-2.00	135+0.000	363.337	362.937	0.399	4.000	363.257	-2.00	4.294	362.817	-150.00
-4.148	363.009	-150.00	-4.000	363.231	-2.00	136+0.000	363.311	362.886	0.425	4.000	363.231	-2.00	4.316	362.757	-150.00
-4.143	362.840	-150.00	-4.000	363.054	-2.00	137+0.000	363.134	362.715	0.419	4.000	363.054	-2.00	4.311	362.588	-150.00
-4.141	362.527	-150.00	-4.000	362.739	-2.00	138+0.000	362.819	362.399	0.419	4.000	362.739	-2.00	4.319	362.259	-150.00
-4.072	362.072	66.67	-4.000	362.024	-2.00	139+0.000	362.104	361.970	0.134	4.000	362.024	-2.00	4.104	361.868	-150.00
-4.449	361.592	66.67	-4.000	361.293	-2.00	140+0.000	361.373	361.541	-0.168	4.000	361.293	-2.00	4.218	361.438	66.67
-4.452	360.863	66.67	-4.000	360.562	-2.00	141+0.000	360.642	360.827	-0.185	4.000	360.562	-2.00	4.345	360.792	66.67
-4.137	359.922	66.67	-4.000	359.831	-2.00	142+0.000	359.911	359.944	-0.033	4.000	359.831	-2.00	4.203	359.966	66.67
-4.016	359.075	-150.00	-4.000	359.100	-2.00	143+0.000	359.180	359.139	0.040	4.000	359.100	-2.00	4.159	359.206	66.67
-4.126	358.181	-150.00	-4.000	358.369	-2.00	144+0.000	358.449	358.277	0.172	4.000	358.369	-2.00	4.017	358.380	66.67
-4.223	357.304	-150.00	-4.000	357.638	-2.00	145+0.000	357.718	357.393	0.324	4.000	357.638	-2.00	4.104	357.482	-150.00
-4.213	356.587	-150.00	-4.000	356.907	-2.00	146+0.000	356.987	356.710	0.276	4.000	356.907	-2.00	4.052	356.829	-150.00
-4.337	355.670	-150.00	-4.000	356.176	-2.00	147+0.000	356.256	355.871	0.385	4.000	356.176	-2.00	4.078	356.059	-150.00
-4.384	354.870	-150.00	-4.000	355.445	-2.00	148+0.000	355.525	355.088	0.437	4.000	355.445	-2.00	4.102	355.292	-150.00
-4.477	353.859	-150.00	-4.000	354.574	-2.00	149+0.000	354.654	354.121	0.533	4.000	354.574	-2.00	4.141	354.363	-150.00
-4.375	352.618	-150.00	-4.000	353.181	-2.00	150+0.000	353.261	352.751	0.511	4.000	353.181	-2.00	4.166	352.933	-150.00
-4.349	351.242	-150.00	-4.000	351.766	-2.00	151+0.000	351.846	351.285	0.561	4.000	351.766	-2.00	4.292	351.327	-150.00
-4.405	349.526	-150.00	-4.000	350.134	-2.00	152+0.000	350.214	349.523	0.691	4.000	350.134	-2.00	4.409	349.520	-150.00
-4.526	347.654	-150.00	-4.000	348.443	-2.00	153+0.000	348.523	347.633	0.890	4.000	348.443	-2.00	4.557	347.608	-150.00
-4.600	345.853	-150.00	-4.000	346.752	-2.00	154+0.000	346.832	345.865	0.967	4.000	346.752	-2.00	4.583	345.877	-150.00

-4.671	344.055	-150.00	-4.000	345.061	-2.00	155+0.000	345.141	344.074	1.067	4.000	345.061	-2.00	4.645	344.093	-150.00
-4.699	342.321	-150.00	-4.000	343.371	-2.00	156+0.000	343.451	342.341	1.109	4.000	343.371	-2.00	4.674	342.359	-150.00
-4.603	340.775	-150.00	-4.000	341.680	-2.00	157+0.000	341.760	340.789	0.971	4.000	341.680	-2.00	4.585	340.803	-150.00
-4.470	339.284	-150.00	-4.000	339.989	-2.00	158+0.000	340.069	339.317	0.752	4.000	339.989	-2.00	4.426	339.350	-150.00
-4.300	338.043	-150.00	-4.000	338.493	-2.00	159+0.000	338.573	338.055	0.518	4.000	338.493	-2.00	4.272	338.085	-150.00
-4.389	336.851	-150.00	-4.000	337.434	-2.00	160+0.000	337.514	336.902	0.612	4.000	337.434	-2.00	4.321	336.952	-150.00
-4.359	335.952	-150.00	-4.000	336.491	-2.00	161+0.000	336.571	335.999	0.572	4.000	336.491	-2.00	4.287	336.061	-150.00
-4.294	335.107	-150.00	-4.000	335.548	-2.00	162+0.000	335.628	335.127	0.501	4.000	335.548	-2.00	4.268	335.146	-150.00
-4.264	334.374	-150.00	-4.000	334.770	-2.00	163+0.000	334.850	334.382	0.468	4.000	334.770	-2.00	4.246	334.401	-150.00
-4.224	333.944	-150.00	-4.000	334.280	-2.00	164+0.000	334.360	333.941	0.419	4.000	334.280	-2.00	4.228	333.937	-150.00
-4.255	333.858	-150.00	-4.000	334.240	-2.00	165+0.000	334.320	333.885	0.435	4.000	334.240	-2.00	4.219	333.912	-150.00
-4.125	334.473	-150.00	-4.000	334.660	-2.00	166+0.000	334.740	334.472	0.268	4.000	334.660	-2.00	4.156	334.426	-150.00
-4.094	335.409	-150.00	-4.000	335.550	-2.00	167+0.000	335.630	335.326	0.303	4.000	335.550	-2.00	4.201	335.248	-150.00
-4.208	336.807	66.67	-4.000	336.668	-2.00	168+0.000	336.748	336.458	0.290	4.000	336.668	-2.00	4.373	336.108	-150.00
-4.164	337.759	66.67	-4.000	337.649	-2.00	169+0.000	337.729	337.349	0.380	4.000	337.649	-2.00	4.495	336.907	-150.00
-4.162	337.863	66.67	-4.000	337.755	-2.00	170+0.000	337.835	337.446	0.390	4.000	337.755	-2.00	4.508	336.994	-150.00
-4.301	337.527	66.67	-4.000	337.326	-2.00	171+0.000	337.406	337.081	0.326	4.000	337.326	-2.00	4.473	336.617	-150.00
-4.285	337.082	66.67	-4.000	336.892	-2.00	172+0.000	336.972	336.641	0.331	4.000	336.892	-2.00	4.474	336.181	-150.00
-4.128	336.543	66.67	-4.000	336.458	-2.00	173+0.000	336.538	336.093	0.445	4.000	336.458	-2.00	4.576	335.594	-150.00
-4.017	335.781	66.67	-4.000	335.770	-2.00	174+0.000	335.850	335.407	0.443	4.000	335.770	-2.00	4.559	334.931	-150.00
-4.069	334.773	-150.00	-4.000	334.876	-2.00	175+0.000	334.956	334.435	0.522	4.000	334.876	-2.00	4.546	334.057	-150.00
-4.057	333.898	-150.00	-4.000	333.983	-2.00	176+0.000	334.063	333.581	0.482	4.000	333.983	-2.00	4.471	333.277	-150.00
-4.095	333.287	-150.00	-4.000	333.429	-2.00	177+0.000	333.509	333.054	0.455	4.000	333.429	-2.00	4.384	332.854	-150.00
-4.248	332.859	-150.00	-4.000	333.231	-2.00	178+0.000	333.311	332.623	0.687	4.000	333.231	-2.00	4.540	332.421	-150.00
-4.133	332.832	-150.00	-4.000	333.032	-2.00	179+0.000	333.112	332.670	0.442	4.000	333.032	-2.00	4.404	332.426	-150.00
-4.087	332.868	-150.00	-4.000	332.999	-2.00	180+0.000	333.079	332.709	0.370	4.000	332.999	-2.00	4.300	332.549	-150.00
-4.038	333.148	-150.00	-4.000	333.204	-2.00	181+0.000	333.284	332.996	0.288	4.000	333.204	-2.00	4.245	332.836	-150.00
-4.058	333.323	-150.00	-4.000	333.411	-2.00	182+0.000	333.491	333.182	0.309	4.000	333.411	-2.00	4.251	333.033	-150.00
-4.103	333.463	-150.00	-4.000	333.617	-2.00	183+0.000	333.697	333.326	0.371	4.000	333.617	-2.00	4.235	333.265	-150.00
-4.145	333.903	-150.00	-4.000	334.121	-2.00	184+0.000	334.201	333.862	0.339	4.000	334.121	-2.00	4.219	333.793	-150.00
-4.185	334.444	-150.00	-4.000	334.722	-2.00	185+0.000	334.802	334.449	0.353	4.000	334.722	-2.00	4.178	334.454	-150.00
-4.181	335.051	-150.00	-4.000	335.323	-2.00	186+0.000	335.403	335.080	0.323	4.000	335.323	-2.00	4.145	335.106	-150.00
-4.209	335.610	-150.00	-4.000	335.924	-2.00	187+0.000	336.004	335.657	0.347	4.000	335.924	-2.00	4.146	335.704	-150.00
-4.295	336.051	-150.00	-4.000	336.493	-2.00	188+0.000	336.573	336.183	0.390	4.000	336.493	-2.00	4.122	336.310	-150.00
-4.318	336.071	-150.00	-4.000	336.548	-2.00	189+0.000	336.628	336.205	0.423	4.000	336.548	-2.00	4.142	336.334	-150.00
-4.302	336.053	-150.00	-4.000	336.507	-2.00	190+0.000	336.587	336.165	0.421	4.000	336.507	-2.00	4.156	336.273	-150.00
-4.304	335.856	-150.00	-4.000	336.312	-2.00	191+0.000	336.392	335.964	0.428	4.000	336.312	-2.00	4.160	336.072	-150.00
-4.516	335.308	-150.00	-4.000	336.082	-2.00	192+0.000	336.162	335.449	0.713	4.000	336.082	-2.00	4.308	335.620	-150.00
-4.748	334.719	-150.00	-4.000	335.841	-2.00	193+0.000	335.921	334.875	1.046	4.000	335.841	-2.00	4.459	335.152	-150.00
-4.932	334.203	-150.00	-4.000	335.601	-2.00	194+0.000	335.681	334.361	1.321	4.000	335.601	-2.00	4.717	334.526	-150.00
-5.072	333.752	-150.00	-4.000	335.361	-2.00	195+0.000	335.441	333.927	1.514	4.000	335.361	-2.00	4.845	334.093	-150.00
-5.034	333.570	-150.00	-4.000	335.120	-2.00	196+0.000	335.200	333.947	1.253	4.000	335.120	-2.00	4.555	334.288	-150.00
-4.623	333.946	-150.00	-4.000	334.880	-2.00	197+0.000	334.960	334.254	0.706	4.000	334.880	-2.00	4.229	334.536	-150.00
-4.197	334.405	-150.00	-4.000	334.701	-2.00	198+0.000	334.781	334.677	0.104	4.000	334.701	-2.00	4.391	334.962	66.67
-4.234	334.887	66.67	-4.000	334.731	-2.00	199+0.000	334.811	335.136	-0.325	4.000	334.731	-2.00	5.055	335.434	66.67
-4.650	335.519	66.67	-4.000	335.086	-2.00	200+0.000	335.166	335.776	-0.611	4.000	335.086	-2.00	5.361	335.993	66.67
-4.086	335.950	66.67	-4.000	335.893	-2.00	201+0.000	335.973	336.093	-0.120	4.000	335.893	-2.00	4.538	336.252	66.67
-4.312	336.177	-150.00	-4.000	336.645	-2.00	202+0.000	336.725	336.334	0.391	4.000	336.645	-2.00	4.107	336.484	-150.00
-4.296	335.906	-150.00	-4.000	336.350	-2.00	203+0.000	336.430	335.891	0.540	4.000	336.350	-2.00	4.324	335.864	-150.00
-4.299	334.929	-150.00	-4.000	335.378	-2.00	204+0.000	335.458	334.943	0.515	4.000	335.378	-2.00	4.308	334.916	-150.00
-4.261	334.040	-150.00	-4.000	334.431	-2.00	205+0.000	334.511	334.070	0.441	4.000	334.431	-2.00	4.322	333.947	-150.00
-4.272	333.347	-150.00	-4.000	333.755	-2.00	206+0.000	333.835	333.379	0.456	4.000	333.755	-2.00	4.275	333.343	-150.00
-4.230	332.768	-150.00	-4.000	333.113	-2.00	207+0.000	333.193	332.758	0.435	4.000	333.113	-2.00	4.236	332.758	-150.00
-4.299	332.398	-150.00	-4.000	332.847	-2.00	208+0.000	332.927	332.403	0.524	4.000	332.847	-2.00	4.293	332.408	-150.00
-4.283	332.292	-150.00	-4.000	332.716	-2.00	209+0.000	332.796	332.271	0.525	4.000	332.716	-2.00	4.316	332.243	-150.00
-4.247	332.245	-150.00	-4.000	332.615	-2.00	210+0.000	332.695	332.253	0.442	4.000	332.615	-2.00	4.236	332.261	-150.00
-4.391	332.047	-150.00	-4.000	332.634	-2.00	211+0.000	332.714	331.989	0.724	4.000	332.634	-2.00	4.433	331.983	-150.00
-4.345	332.134	-150.00	-4.000	332.652	-2.00	212+0.000	332.732	332.078	0.654	4.000	332.652	-2.00	4.421	332.020	-150.00
-4.191	332.384	-150.00	-4.000	332.670	-2.00	213+0.000	332.750	332.313	0.437	4.000	332.670	-2.00	4.287	332.240	-150.00
-4.210	332.374	-150.00	-4.000	332.689	-2.00	214+0.000	332.769	332.199	0.570	4.000	332.689	-2.00	4.400	332.089	-150.00
-4.081	332.583	-150.00	-4.000	332.704	-2.00	215+0.000	332.784	332.412	0.373	4.000	332.704	-2.00	4.316	332.231	-150.00
-4.108	332.885	66.67	-4.000	332.814	-2.00	216+0.000	332.894	332.661	0.232	4.000	332.814	-2.00	4.256	332.429	-150.00
			-4.000	333.279	-2.00	217+0.000	333.359	333.024	0.336	4.000	333.279	-2.00	4.356	332.746	-150.00
-4.013	334.110	66.67	-4.000	334.101	-2.00	218+0.000	334.181	333.874	0.307	4.000	334.101	-2.00	4.309	333.637	-150.00
-4.230	335.433	66.67	-4.000	335.279	-2.00	219+0.000	335.359	335.111	0.249	4.000	335.279	-2.00	4.333	334.780	-150.00
-4.172	336.828	66.67	-4.000	336.713	-2.00	220+0.000	336.793	336.593	0.200	4.000	336.713	-2.00	4.239	336.354	-150.00
-5.334	338.581	66.67	-4.000	337.692	-2.00	221+0.000	337.772	338.167	-0.395	4.000	337.692	-2.00	4.222	337.840	66.67
-6.923	340.453	66.67	-4.000	338.504	-2.00	222+0.000	338.584	339.921	-1.337	4.000	338.504	-2.00	5.549	339.537	66.67
-7.848	341.883	66.67	-4.000	339.317	-2.00	223+0.000	339.397	341.206	-1.809	4.000	339.317	-2.00	6.092	340.712	66.67
-7.763	342.639	66.67	-4.000	340.130	-2.00	224+0.000	340.210	341.929	-1.719	4.000	340.130	-2.00	5.902	341.398	66.67
-6.906	342.880	66.67	-4.000	340.942	-2.00	225+0.000	341.022	342.242	-1.220	4.000	340.942	-2.00	5.253	341.778	66.67
-5.775	342.938	66.67	-4.000	341.755	-2.00	226+0.000	341.835	342.407	-0.572	4.000	341.755	-2.00	4.374	342.005	66.67
-4.725	343.051	66.67	-4.000	342.568	-2.00	227+0.000	342.648	342.667	-0.019	4.000	342.568	-2.00	4.159	342.329	-150.00
-4.386	343.638	66.67	-4.000	343.381	-2.00	228+0.000	343.461	343.269	0.192	4.000	343.381	-2.00	4.316	342.906	-150.00
-4.009	344.102	-150.00	-4.000	344.116	-2.00	229+0.000	344.196	343.783	0.413	4.000	344.116	-2.00	4.459	343.427	-150.00
-4.104	344.770	66.67	-4.000	344.700	-2.00	230+0.000	344.780	344.459	0.321	4.000	344.700	-2.00	4.378	344.133	-150.00
-4.255	345.613	66.67	-4.000	345.444	-2.00	231+0.000	345.524	345.304	0.219	4.000	345.444	-2.00	4.301	344.992	-150.00
-4.037	346.211	66.67	-4.000	346.187	-2.00	232+0.000	346.267	345.931	0.336	4.000	346.187	-2.00	4.379	345.619	-150.00
-4.009	346.323	-150.00	-4.000	346.337	-2.00	233+0.000	346.417	345.991	0.426	4.000	346.337	-2.00	4.478	345.621	-150.00
-4.014	346.099	-150.00	-4.000	346.120	-2.00	234+0.000	346.200	345.768	0.432	4.000	346.120	-2.00	4.481	345.398	-150.00
-4.035	345.592	-150.00	-4.000	345.644	-2.00	235+0.000	345.724	345.278	0.446	4.000	345.644	-2.00	4.476	344.930	-150.00

-4.041	344.927	-150.00	-4.000	344.988	-2.00	236+0.000	345.068	344.613	0.456	4.000	344.988	-2.00	4.482	344.265	-150.00
-4.094	344.099	-150.00	-4.000	344.239	-2.00	237+0.000	344.319	343.811	0.508	4.000	344.239	-2.00	4.495	343.496	-150.00
-4.081	343.265	-150.00	-4.000	343.386	-2.00	238+0.000	343.466	342.978	0.488	4.000	343.386	-2.00	4.482	342.663	-150.00
-4.149	342.334	-150.00	-4.000	342.558	-2.00	239+0.000	342.638	342.125	0.513	4.000	342.558	-2.00	4.451	341.882	-150.00
-4.237	341.462	-150.00	-4.000	341.817	-2.00	240+0.000	341.897	341.239	0.659	4.000	341.817	-2.00	4.546	340.999	-150.00
-4.180	340.807	-150.00	-4.000	341.077	-2.00	241+0.000	341.157	340.576	0.581	4.000	341.077	-2.00	4.500	340.327	-150.00
-4.105	340.259	-150.00	-4.000	340.416	-2.00	242+0.000	340.496	340.041	0.455	4.000	340.416	-2.00	4.396	339.821	-150.00
-4.071	339.988	-150.00	-4.000	340.096	-2.00	243+0.000	340.176	339.750	0.426	4.000	340.096	-2.00	4.403	339.492	-150.00
-4.059	339.892	-150.00	-4.000	339.981	-2.00	244+0.000	340.061	339.653	0.408	4.000	339.981	-2.00	4.398	339.384	-150.00
-4.097	339.625	-150.00	-4.000	339.770	-2.00	245+0.000	339.850	339.371	0.479	4.000	339.770	-2.00	4.450	339.095	-150.00
-4.064	339.401	-150.00	-4.000	339.497	-2.00	246+0.000	339.577	339.142	0.434	4.000	339.497	-2.00	4.435	338.844	-150.00
-4.024	339.299	-150.00	-4.000	339.335	-2.00	247+0.000	339.415	339.013	0.402	4.000	339.335	-2.00	4.426	338.696	-150.00
-4.027	339.221	-150.00	-4.000	339.262	-2.00	248+0.000	339.342	338.934	0.408	4.000	339.262	-2.00	4.433	338.612	-150.00
-4.043	339.004	-150.00	-4.000	339.068	-2.00	249+0.000	339.148	338.689	0.459	4.000	339.068	-2.00	4.477	338.354	-150.00
-4.140	338.733	66.67	-4.000	338.640	-2.00	250+0.000	338.720	338.401	0.318	4.000	338.640	-2.00	4.394	338.049	-150.00
-4.428	338.494	66.67	-4.000	338.209	-2.00	251+0.000	338.289	338.110	0.179	4.000	338.209	-2.00	4.312	337.740	-150.00
-4.503	338.113	66.67	-4.000	337.778	-2.00	252+0.000	337.858	337.685	0.173	4.000	337.778	-2.00	4.337	337.273	-150.00
-4.117	337.400	66.67	-4.000	337.322	-2.00	253+0.000	337.402	337.001	0.401	4.000	337.322	-2.00	4.500	336.572	-150.00
-4.031	336.527	-150.00	-4.000	336.574	-2.00	254+0.000	336.654	336.161	0.493	4.000	336.574	-2.00	4.551	335.747	-150.00
-4.114	335.062	-150.00	-4.000	335.232	-2.00	255+0.000	335.312	334.737	0.575	4.000	335.232	-2.00	4.573	334.372	-150.00
-4.086	333.091	-150.00	-4.000	333.220	-2.00	256+0.000	333.300	332.836	0.464	4.000	333.220	-2.00	4.441	332.559	-150.00
-4.099	330.688	-150.00	-4.000	330.836	-2.00	257+0.000	330.916	330.455	0.461	4.000	330.836	-2.00	4.424	330.200	-150.00
-4.235	328.169	-150.00	-4.000	328.521	-2.00	258+0.000	328.601	327.991	0.610	4.000	328.521	-2.00	4.326	328.032	-150.00
-4.319	326.971	-150.00	-4.000	327.449	-2.00	259+0.000	327.529	327.054	0.475	4.000	327.449	-2.00	4.213	327.129	-150.00
-4.886	326.671	-150.00	-4.000	328.000	-2.00	260+0.000	328.080	326.754	1.326	4.000	328.000	-2.00	4.762	326.858	-150.00
-5.312	327.089	-150.00	-4.000	329.057	-2.00	261+0.000	329.137	327.207	1.930	4.000	329.057	-2.00	5.154	327.326	-150.00
-5.281	328.193	-150.00	-4.000	330.114	-2.00	262+0.000	330.194	328.290	1.904	4.000	330.114	-2.00	5.177	328.349	-150.00
-4.820	329.941	-150.00	-4.000	331.172	-2.00	263+0.000	331.252	329.852	1.400	4.000	331.172	-2.00	4.941	329.760	-150.00
-4.045	332.161	-150.00	-4.000	332.229	-2.00	264+0.000	332.309	332.004	0.305	4.000	332.229	-2.00	4.399	331.630	-150.00
-4.507	333.556	66.67	-4.000	333.218	-2.00	265+0.000	333.298	333.183	0.114	4.000	333.218	-2.00	4.258	332.831	-150.00
-4.166	334.267	66.67	-4.000	334.157	-2.00	266+0.000	334.237	333.901	0.336	4.000	334.157	-2.00	4.444	333.491	-150.00
-4.400	334.745	66.67	-4.000	334.479	-2.00	267+0.000	334.559	334.247	0.311	4.000	334.479	-2.00	4.493	333.739	-150.00
-4.266	335.182	66.67	-4.000	335.005	-2.00	268+0.000	335.085	334.695	0.389	4.000	335.005	-2.00	4.549	334.181	-150.00
-4.386	335.800	66.67	-4.000	335.542	-2.00	269+0.000	335.622	335.260	0.362	4.000	335.542	-2.00	4.562	334.698	-150.00
-4.313	336.097	66.67	-4.000	335.888	-2.00	270+0.000	335.968	335.571	0.397	4.000	335.888	-2.00	4.586	335.010	-150.00
-4.112	335.835	66.67	-4.000	335.760	-2.00	271+0.000	335.840	335.327	0.513	4.000	335.760	-2.00	4.674	334.749	-150.00
			-4.000	335.411	-2.00	272+0.000	335.491	335.038	0.453	4.000	335.411	-2.00	4.531	334.614	-150.00
-4.085	334.933	-150.00	-4.000	335.061	-2.00	273+0.000	335.141	334.533	0.609	4.000	335.061	-2.00	4.657	334.076	-150.00
-4.075	334.600	-150.00	-4.000	334.712	-2.00	274+0.000	334.792	334.111	0.681	4.000	334.712	-2.00	4.784	333.536	-150.00
-4.177	334.097	-150.00	-4.000	334.363	-2.00	275+0.000	334.443	333.654	0.789	4.000	334.363	-2.00	4.812	333.144	-150.00
-4.035	333.961	-150.00	-4.000	334.013	-2.00	276+0.000	334.093	333.433	0.661	4.000	334.013	-2.00	4.807	332.803	-150.00
-4.212	333.805	66.67	-4.000	333.664	-2.00	277+0.000	333.744	333.207	0.537	4.000	333.664	-2.00	4.755	332.531	-150.00
-4.392	333.576	66.67	-4.000	333.315	-2.00	278+0.000	333.395	332.944	0.451	4.000	333.315	-2.00	4.698	332.268	-150.00
-4.311	333.173	66.67	-4.000	332.966	-2.00	279+0.000	333.046	332.576	0.469	4.000	332.966	-2.00	4.692	331.927	-150.00
-4.216	332.761	66.67	-4.000	332.616	-2.00	280+0.000	332.696	332.222	0.475	4.000	332.616	-2.00	4.600	331.717	-150.00
-4.117	332.155	-150.00	-4.000	332.330	-2.00	281+0.000	332.410	331.723	0.688	4.000	332.330	-2.00	4.737	331.225	-150.00
-4.036	332.012	-150.00	-4.000	332.066	-2.00	282+0.000	332.146	331.699	0.448	4.000	332.066	-2.00	4.477	331.351	-150.00
			-4.000	331.802	-2.00	283+0.000	331.882	331.486	0.396	4.000	331.802	-2.00	4.439	331.143	-150.00
-4.681	332.963	66.67	-4.000	332.509	-2.00	284+0.000	332.589	332.704	-0.115	4.000	332.509	-2.00	4.018	332.481	-150.00
-4.893	334.629	66.67	-4.000	334.034	-2.00	285+0.000	334.114	334.250	-0.136	4.000	334.034	-2.00	4.056	333.950	-150.00
-4.563	335.935	66.67	-4.000	335.559	-2.00	286+0.000	335.639	335.535	0.104	4.000	335.559	-2.00	4.265	335.162	-150.00
-4.287	337.161	66.67	-4.000	336.970	-2.00	287+0.000	337.050	336.746	0.304	4.000	336.970	-2.00	4.419	336.341	-150.00
-4.718	338.183	66.67	-4.000	337.704	-2.00	288+0.000	337.784	337.700	0.084	4.000	337.704	-2.00	4.296	337.261	-150.00
-4.747	338.785	66.67	-4.000	338.287	-2.00	289+0.000	338.367	338.233	0.134	4.000	338.287	-2.00	4.380	337.716	-150.00
-4.373	338.842	66.67	-4.000	338.594	-2.00	290+0.000	338.674	338.292	0.382	4.000	338.594	-2.00	4.532	337.795	-150.00
-4.446	338.793	66.67	-4.000	338.496	-2.00	291+0.000	338.576	338.148	0.428	4.000	338.496	-2.00	4.685	337.469	-150.00
-4.360	337.876	66.67	-4.000	337.635	-2.00	292+0.000	337.715	337.232	0.483	4.000	337.635	-2.00	4.733	336.536	-150.00
-4.343	336.639	66.67	-4.000	336.410	-2.00	293+0.000	336.490	336.183	0.307	4.000	336.410	-2.00	4.464	335.714	-150.00
-4.379	335.438	66.67	-4.000	335.185	-2.00	294+0.000	335.265	334.978	0.287	4.000	335.185	-2.00	4.450	334.510	-150.00
-4.030	333.980	66.67	-4.000	333.960	-2.00	295+0.000	334.040	333.540	0.501	4.000	333.960	-2.00	4.508	333.198	-150.00
-4.040	333.429	66.67	-4.000	333.403	-2.00	296+0.000	333.483	333.147	0.336	4.000	333.403	-2.00	4.375	332.841	-150.00
-4.027	333.417	-150.00	-4.000	333.457	-2.00	297+0.000	333.537	333.184	0.353	4.000	333.457	-2.00	4.337	332.952	-150.00
-4.014	333.687	-150.00	-4.000	333.707	-2.00	298+0.000	333.787	333.479	0.308	4.000	333.707	-2.00	4.300	333.257	-150.00
-4.029	333.998	-150.00	-4.000	334.041	-2.00	299+0.000	334.121	333.868	0.254	4.000	334.041	-2.00	4.206	333.732	-150.00
-4.113	334.255	-150.00	-4.000	334.424	-2.00	300+0.000	334.504	334.167	0.337	4.000	334.424	-2.00	4.203	334.119	-150.00
-4.105	334.724	-150.00	-4.000	334.881	-2.00	301+0.000	334.961	334.672	0.289	4.000	334.881	-2.00	4.175	334.619	-150.00
-4.168	335.088	-150.00	-4.000	335.340	-2.00	302+0.000	335.420	335.062	0.358	4.000	335.340	-2.00	4.202	335.037	-150.00
-4.179	335.434	-150.00	-4.000	335.703	-2.00	303+0.000	335.783	335.398	0.385	4.000	335.703	-2.00	4.225	335.366	-150.00
-4.145	335.816	-150.00	-4.000	336.033	-2.00	304+0.000	336.113	335.787	0.326	4.000	336.033	-2.00	4.184	335.757	-150.00
-4.164	336.117	-150.00	-4.000	336.363	-2.00	305+0.000	336.443	336.081	0.362	4.000	336.363	-2.00	4.212	336.045	-150.00
-4.255	336.080	-150.00	-4.000	336.463	-2.00	306+0.000	336.543	336.075	0.468	4.000	336.463	-2.00	4.200	336.163	-150.00
-4.285	336.206	-150.00	-4.000	336.633	-2.00	307+0.000	336.713	336.405	0.309	4.000	336.633	-2.00	4.028	336.591	-150.00
-4.294	336.961	-150.00	-4.000	337.402	-2.00	308+0.000	337.482	337.175	0.307	4.000	337.402	-2.00	4.018	337.375	-150.00
-4.245	337.642	-150.00	-4.000	338.009	-2.00	309+0.000	338.089	337.808	0.281	4.000	338.009	-2.00	4.029	337.965	-150.00
-4.226	339.532	-150.00	-4.000	339.871	-2.00	310+0.000	339.951	339.894	0.057	4.000	339.871	-2.00	4.931	340.492	66.67
-4.252	341.628	-150.00	-4.000	342.006	-2.00	311+0.000	342.086	342.133	-0.047	4.000	342.006	-2.00	5.100	342.739	66.67
-4.396	343.547	-150.00	-4.000	344.141	-2.00	312+0.000	344.221	343.925	0.296	4.000	344.141	-2.00	4.219	344.287	66.67
-4.167	346.026	-150.00	-4.000	346.276	-2.00	313+0.000	346.356	346.157	0.199	4.000	346.276	-2.00	4.012	346.284	66.67
-4.109	348.164	-150.00	-4.000	348.327	-2.00	314+0.000	348.407	348.183	0.224	4.000	348.327	-2.00	4.087	348.196	-150.00
-4.234	350.020	-150.00	-4.000	350.370	-2.00	315+0.000	350.450	350.172	0.278	4.000	350.370	-2.00	4.016	350.346	-150.00
-4.106	351.630	-150.00	-4.000	351.788	-2.00	316+0.000	351.868	351.539	0.329	4.000	351.788	-2.00	4.228	351.446	-150.00

-4.121	352.494	-150.00	-4.000	352.676	-2.00	317+0.000	352.756	352.360	0.396	4.000	352.676	-2.00	4.304	352.221	-150.00
-4.176	352.994	-150.00	-4.000	353.258	-2.00	318+0.000	353.338	352.899	0.439	4.000	353.258	-2.00	4.275	352.845	-150.00
-4.178	353.321	-150.00	-4.000	353.588	-2.00	319+0.000	353.668	353.198	0.470	4.000	353.588	-2.00	4.327	353.098	-150.00
-4.072	353.426	-150.00	-4.000	353.534	-2.00	320+0.000	353.614	353.261	0.354	4.000	353.534	-2.00	4.298	353.086	-150.00
-4.151	353.380	-150.00	-4.000	353.607	-2.00	321+0.000	353.687	353.373	0.313	4.000	353.607	-2.00	4.153	353.378	-150.00
-4.183	354.140	-150.00	-4.000	354.414	-2.00	322+0.000	354.494	354.117	0.377	4.000	354.414	-2.00	4.213	354.094	-150.00
-4.126	354.450	-150.00	-4.000	354.639	-2.00	323+0.000	354.719	354.405	0.314	4.000	354.639	-2.00	4.187	354.358	-150.00
-4.142	354.643	-150.00	-4.000	354.855	-2.00	324+0.000	354.935	354.567	0.369	4.000	354.855	-2.00	4.227	354.515	-150.00
-4.157	355.008	-150.00	-4.000	355.243	-2.00	325+0.000	355.323	355.001	0.322	4.000	355.243	-2.00	4.133	355.043	-150.00
-4.141	355.616	-150.00	-4.000	355.827	-2.00	326+0.000	355.907	355.610	0.297	4.000	355.827	-2.00	4.149	355.603	-150.00
-4.062	356.550	-150.00	-4.000	356.643	-2.00	327+0.000	356.723	356.485	0.238	4.000	356.643	-2.00	4.149	356.419	-150.00
-4.097	357.314	-150.00	-4.000	357.459	-2.00	328+0.000	357.539	357.228	0.312	4.000	357.459	-2.00	4.217	357.133	-150.00
-4.083	358.150	-150.00	-4.000	358.275	-2.00	329+0.000	358.355	358.053	0.302	4.000	358.275	-2.00	4.215	357.953	-150.00
-4.094	359.152	-150.00	-4.000	359.293	-2.00	330+0.000	359.373	359.082	0.291	4.000	359.293	-2.00	4.181	359.021	-150.00
-4.146	360.196	-150.00	-4.000	360.416	-2.00	331+0.000	360.496	360.188	0.308	4.000	360.416	-2.00	4.126	360.227	-150.00
-4.181	361.268	-150.00	-4.000	361.539	-2.00	332+0.000	361.619	361.333	0.286	4.000	361.539	-2.00	4.095	361.397	-150.00
-4.194	362.254	-150.00	-4.000	362.544	-2.00	333+0.000	362.624	362.325	0.299	4.000	362.544	-2.00	4.100	362.395	-150.00
-4.327	362.696	-150.00	-4.000	363.186	-2.00	334+0.000	363.266	362.721	0.545	4.000	363.186	-2.00	4.293	362.747	-150.00
-4.651	362.583	-150.00	-4.000	363.561	-2.00	335+0.000	363.641	362.610	1.031	4.000	363.561	-2.00	4.617	362.636	-150.00
-4.437	363.280	-150.00	-4.000	363.935	-2.00	336+0.000	364.015	363.296	0.719	4.000	363.935	-2.00	4.419	363.306	-150.00
-4.199	364.010	-150.00	-4.000	364.309	-2.00	337+0.000	364.389	364.016	0.374	4.000	364.309	-2.00	4.192	364.021	-150.00
-4.154	364.453	-150.00	-4.000	364.684	-2.00	338+0.000	364.764	364.443	0.320	4.000	364.684	-2.00	4.167	364.433	-150.00
-4.196	364.764	-150.00	-4.000	365.058	-2.00	339+0.000	365.138	364.763	0.375	4.000	365.058	-2.00	4.196	364.764	-150.00
-4.211	365.116	-150.00	-4.000	365.432	-2.00	340+0.000	365.512	365.118	0.394	4.000	365.432	-2.00	4.207	365.121	-150.00
-4.188	365.044	-150.00	-4.000	365.325	-2.00	341+0.000	365.405	364.990	0.416	4.000	365.325	-2.00	4.262	364.932	-150.00
-4.168	365.091	-150.00	-4.000	365.343	-2.00	342+0.000	365.423	365.043	0.380	4.000	365.343	-2.00	4.229	365.000	-150.00
-4.183	365.311	-150.00	-4.000	365.585	-2.00	343+0.000	365.665	365.273	0.391	4.000	365.585	-2.00	4.234	365.234	-150.00
-4.186	365.548	-150.00	-4.000	365.827	-2.00	344+0.000	365.907	365.503	0.403	4.000	365.827	-2.00	4.246	365.458	-150.00
-4.173	365.807	-150.00	-4.000	366.066	-2.00	345+0.000	366.146	365.767	0.380	4.000	366.066	-2.00	4.231	365.720	-150.00
-4.141	365.950	-150.00	-4.000	366.161	-2.00	346+0.000	366.241	365.906	0.336	4.000	366.161	-2.00	4.201	365.861	-150.00
-4.221	365.854	-150.00	-4.000	366.186	-2.00	347+0.000	366.266	365.844	0.422	4.000	366.186	-2.00	4.241	365.825	-150.00
-4.218	365.622	-150.00	-4.000	365.949	-2.00	348+0.000	366.029	365.642	0.387	4.000	365.949	-2.00	4.191	365.662	-150.00
-4.245	365.340	-150.00	-4.000	365.708	-2.00	349+0.000	365.788	365.357	0.431	4.000	365.708	-2.00	4.221	365.377	-150.00
-4.349	364.819	-150.00	-4.000	365.342	-2.00	350+0.000	365.422	364.847	0.575	4.000	365.342	-2.00	4.311	364.875	-150.00
-4.354	364.429	-150.00	-4.000	364.960	-2.00	351+0.000	365.040	364.451	0.589	4.000	364.960	-2.00	4.320	364.480	-150.00
-4.309	364.116	-150.00	-4.000	364.579	-2.00	352+0.000	364.659	364.134	0.525	4.000	364.579	-2.00	4.285	364.152	-150.00
-4.260	363.807	-150.00	-4.000	364.197	-2.00	353+0.000	364.277	363.824	0.453	4.000	364.197	-2.00	4.237	363.842	-150.00
-4.184	363.946	-150.00	-4.000	364.223	-2.00	354+0.000	364.303	363.952	0.351	4.000	364.223	-2.00	4.177	363.957	-150.00
-4.248	364.188	-150.00	-4.000	364.559	-2.00	355+0.000	364.639	364.214	0.425	4.000	364.559	-2.00	4.212	364.241	-150.00
-4.232	363.934	-150.00	-4.000	364.281	-2.00	356+0.000	364.361	363.917	0.444	4.000	364.281	-2.00	4.227	363.941	-150.00
-4.290	363.558	-150.00	-4.000	363.993	-2.00	357+0.000	364.073	363.555	0.518	4.000	363.993	-2.00	4.294	363.552	-150.00
-4.288	362.791	-150.00	-4.000	363.223	-2.00	358+0.000	363.303	362.825	0.478	4.000	363.223	-2.00	4.247	362.853	-150.00
-4.296	362.010	-150.00	-4.000	362.453	-2.00	359+0.000	362.533	362.045	0.489	4.000	362.453	-2.00	4.246	362.085	-150.00
-4.286	361.133	-150.00	-4.000	361.562	-2.00	360+0.000	361.642	361.147	0.495	4.000	361.562	-2.00	4.267	361.162	-150.00
-4.245	360.457	-150.00	-4.000	360.825	-2.00	361+0.000	360.905	360.486	0.419	4.000	360.825	-2.00	4.207	360.515	-150.00
-4.271	359.815	-150.00	-4.000	360.222	-2.00	362+0.000	360.302	359.872	0.430	4.000	360.222	-2.00	4.196	359.929	-150.00
-4.283	359.254	-150.00	-4.000	359.679	-2.00	363+0.000	359.759	359.323	0.436	4.000	359.679	-2.00	4.193	359.390	-150.00
-4.219	358.933	-150.00	-4.000	359.261	-2.00	364+0.000	359.341	358.921	0.420	4.000	359.261	-2.00	4.181	358.989	-150.00
-4.213	359.000	-150.00	-4.000	359.319	-2.00	365+0.000	359.399	358.973	0.426	4.000	359.319	-2.00	4.247	358.948	-150.00
-4.298	359.019	-150.00	-4.000	359.467	-2.00	366+0.000	359.547	359.038	0.509	4.000	359.467	-2.00	4.274	359.056	-150.00
-4.340	359.104	-150.00	-4.000	359.614	-2.00	367+0.000	359.694	359.141	0.553	4.000	359.614	-2.00	4.291	359.178	-150.00
-4.289	359.318	-150.00	-4.000	359.751	-2.00	368+0.000	359.831	359.429	0.402	4.000	359.751	-2.00	4.143	359.537	-150.00
-4.283	359.221	-150.00	-4.000	359.645	-2.00	369+0.000	359.725	359.283	0.442	4.000	359.645	-2.00	4.187	359.365	-150.00
-4.288	359.088	-150.00	-4.000	359.520	-2.00	370+0.000	359.600	359.178	0.422	4.000	359.520	-2.00	4.185	359.242	-150.00
-4.285	358.793	-150.00	-4.000	359.220	-2.00	371+0.000	359.300	358.859	0.442	4.000	359.220	-2.00	4.197	358.925	-150.00
-4.253	358.427	-150.00	-4.000	358.807	-2.00	372+0.000	358.887	358.472	0.414	4.000	358.807	-2.00	4.193	358.517	-150.00
-4.288	357.962	-150.00	-4.000	358.393	-2.00	373+0.000	358.473	358.014	0.459	4.000	358.393	-2.00	4.218	358.066	-150.00
-4.289	357.410	-150.00	-4.000	357.843	-2.00	374+0.000	357.923	357.458	0.465	4.000	357.843	-2.00	4.225	357.506	-150.00
-4.294	356.725	-150.00	-4.000	357.166	-2.00	375+0.000	357.246	356.774	0.472	4.000	357.166	-2.00	4.229	356.823	-150.00
-4.335	355.921	-150.00	-4.000	356.423	-2.00	376+0.000	356.503	356.004	0.500	4.000	356.423	-2.00	4.226	356.084	-150.00
-4.360	355.012	-150.00	-4.000	355.552	-2.00	377+0.000	355.632	355.124	0.509	4.000	355.552	-2.00	4.227	355.213	-150.00
-4.360	353.927	-150.00	-4.000	354.467	-2.00	378+0.000	354.547	354.038	0.509	4.000	354.467	-2.00	4.214	354.146	-150.00
-4.481	352.496	-150.00	-4.000	353.217	-2.00	379+0.000	353.297	352.730	0.567	4.000	353.217	-2.00	4.178	352.949	-150.00
-4.490	351.154	-150.00	-4.000	351.889	-2.00	380+0.000	351.969	351.434	0.535	4.000	351.889	-2.00	4.123	351.704	-150.00
-4.474	350.019	-150.00	-4.000	350.730	-2.00	381+0.000	350.810	350.328	0.482	4.000	350.730	-2.00	4.080	350.609	-150.00
-4.466	348.871	-150.00	-4.000	349.571	-2.00	382+0.000	349.651	349.143	0.507	4.000	349.571	-2.00	4.066	349.471	-150.00
-4.386	348.005	-150.00	-4.000	348.583	-2.00	383+0.000	348.663	348.286	0.377	4.000	348.583	-2.00	4.026	348.544	-150.00
-4.384	347.028	-150.00	-4.000	347.604	-2.00	384+0.000	347.684	347.267	0.417	4.000	347.604	-2.00	4.106	347.446	-150.00
-4.385	346.100	-150.00	-4.000	346.679	-2.00	385+0.000	346.759	346.232	0.527	4.000	346.679	-2.00	4.182	346.405	-150.00
-4.425	345.290	-150.00	-4.000	345.928	-2.00	386+0.000	346.008	345.395	0.613	4.000	345.928	-2.00	4.288	345.497	-150.00
-4.371	344.621	-150.00	-4.000	345.178	-2.00	387+0.000	345.258	344.707	0.551	4.000	345.178	-2.00	4.306	344.719	-150.00
-4.375	343.866	-150.00	-4.000	344.428	-2.00	388+0.000	344.508	343.830	0.678	4.000	344.428	-2.00	4.418	343.801	-150.00
-4.355	343.146	-150.00	-4.000	343.678	-2.00	389+0.000	343.758	343.004	0.754	4.000	343.678	-2.00	4.486	342.949	-150.00
-4.287	342.498	-150.00	-4.000	342.928	-2.00	390+0.000	343.008	342.346	0.662	4.000	342.928	-2.00	4.494	342.187	-150.00
-4.172	341.922	-150.00	-4.000	342.180	-2.00	391+0.000	342.260	341.791	0.469	4.000	342.180	-2.00	4.350	341.656	-150.00
-4.135	341.548	-150.00	-4.000	341.750	-2.00	392+0.000	341.830	341.380	0.450	4.000	341.750	-2.00	4.354	341.219	-150.00
-4.228	341.345	-150.00	-4.000	341.687	-2.00	393+0.000	341.767	341.116	0.651	4.000	341.687	-2.00	4.525	340.899	-150.00
-4.254	341.253	-150.00	-4.000	341.635	-2.00	394+0.000	341.715	341.046	0.669	4.000	341.635	-2.00	4.524	340.849	-150.00
-4.197	341.286	-150.00	-4.000	341.582	-2.00	395+0.000	341.662	341.111	0.551	4.000	341.582	-2.00	4.438	340.925	-150.00
-4.006	341.534	66.67	-4.000	341.530	-2.00	396+0.000	341.610	341.192	0.418	4.000	341.530	-2.00	4.355	340.998	-150.00
-4.287	341.669	66.67	-4.000	341.477	-2.00	397+0.000	341.557	341.358	0.199	4.000	341.477	-2.00	4.276	341.063	-150.00

-4.101	341.493	66.67	-4.000	341.425	-2.00	398+0.000	341.505	341.265	0.240	4.000	341.425	-2.00	4.264	341.029	-150.00
-4.187	341.497	66.67	-4.000	341.372	-2.00	399+0.000	341.452	341.030	0.423	4.000	341.372	-2.00	4.387	340.793	-150.00
-4.429	341.606	66.67	-4.000	341.320	-2.00	400+0.000	341.400	341.154	0.246	4.000	341.320	-2.00	4.424	340.685	-150.00
-4.210	341.407	66.67	-4.000	341.268	-2.00	401+0.000	341.348	340.974	0.373	4.000	341.268	-2.00	4.454	340.586	-150.00
-4.081	341.513	66.67	-4.000	341.459	-2.00	402+0.000	341.539	341.221	0.318	4.000	341.459	-2.00	4.357	340.924	-150.00
-4.327	342.178	-150.00	-4.000	342.669	-2.00	403+0.000	342.749	341.877	0.872	4.000	342.669	-2.00	4.748	341.547	-150.00
-4.458	343.246	-150.00	-4.000	343.934	-2.00	404+0.000	344.014	343.015	0.999	4.000	343.934	-2.00	4.872	342.626	-150.00
-4.586	344.319	-150.00	-4.000	345.198	-2.00	405+0.000	345.278	344.070	1.208	4.000	345.198	-2.00	4.931	343.802	-150.00
-4.388	345.880	-150.00	-4.000	346.463	-2.00	406+0.000	346.543	345.642	0.901	4.000	346.463	-2.00	4.739	345.354	-150.00
-4.159	347.489	-150.00	-4.000	347.728	-2.00	407+0.000	347.808	347.206	0.602	4.000	347.728	-2.00	4.553	346.898	-150.00
-4.125	349.077	66.67	-4.000	348.994	-2.00	408+0.000	349.074	348.797	0.277	4.000	348.994	-2.00	4.327	348.503	-150.00
-4.192	350.532	66.67	-4.000	350.404	-2.00	409+0.000	350.484	350.269	0.215	4.000	350.404	-2.00	4.264	350.008	-150.00
-4.213	351.977	66.67	-4.000	351.836	-2.00	410+0.000	351.916	351.720	0.195	4.000	351.836	-2.00	4.250	351.461	-150.00
-4.041	353.294	66.67	-4.000	353.267	-2.00	411+0.000	353.347	353.087	0.260	4.000	353.267	-2.00	4.314	352.795	-150.00
-4.015	354.303	66.67	-4.000	354.293	-2.00	412+0.000	354.373	354.083	0.290	4.000	354.293	-2.00	4.320	353.813	-150.00
-4.184	355.107	66.67	-4.000	354.985	-2.00	413+0.000	355.065	354.870	0.194	4.000	354.985	-2.00	4.236	354.631	-150.00
-4.098	355.522	66.67	-4.000	355.457	-2.00	414+0.000	355.537	355.294	0.243	4.000	355.457	-2.00	4.267	355.057	-150.00
-4.064	355.390	-150.00	-4.000	355.485	-2.00	415+0.000	355.565	355.216	0.349	4.000	355.485	-2.00	4.302	355.032	-150.00
-4.160	354.829	-150.00	-4.000	355.069	-2.00	416+0.000	355.149	354.681	0.467	4.000	355.069	-2.00	4.362	354.525	-150.00
-4.247	353.836	-150.00	-4.000	354.207	-2.00	417+0.000	354.287	353.709	0.578	4.000	354.207	-2.00	4.467	353.507	-150.00
-4.245	352.736	-150.00	-4.000	353.104	-2.00	418+0.000	353.184	352.535	0.648	4.000	353.104	-2.00	4.513	352.335	-150.00
-4.425	351.418	-150.00	-4.000	352.056	-2.00	419+0.000	352.136	351.209	0.927	4.000	352.056	-2.00	4.713	350.986	-150.00
-4.449	350.335	-150.00	-4.000	351.008	-2.00	420+0.000	351.088	350.109	0.978	4.000	351.008	-2.00	4.767	349.858	-150.00
-4.472	349.252	-150.00	-4.000	349.960	-2.00	421+0.000	350.040	349.050	0.989	4.000	349.960	-2.00	4.749	348.836	-150.00
-4.425	348.274	-150.00	-4.000	348.912	-2.00	422+0.000	348.992	348.071	0.921	4.000	348.912	-2.00	4.722	347.829	-150.00
-4.388	347.282	-150.00	-4.000	347.864	-2.00	423+0.000	347.944	347.067	0.877	4.000	347.864	-2.00	4.691	346.827	-150.00
-4.362	346.273	-150.00	-4.000	346.816	-2.00	424+0.000	346.896	346.059	0.837	4.000	346.816	-2.00	4.657	345.831	-150.00
-4.240	345.408	-150.00	-4.000	345.768	-2.00	425+0.000	345.848	345.195	0.653	4.000	345.768	-2.00	4.540	344.959	-150.00
-4.174	344.463	-150.00	-4.000	344.724	-2.00	426+0.000	344.804	344.290	0.515	4.000	344.724	-2.00	4.409	344.111	-150.00
-4.225	343.458	-150.00	-4.000	343.796	-2.00	427+0.000	343.876	343.349	0.526	4.000	343.796	-2.00	4.339	343.287	-150.00
-4.174	342.657	-150.00	-4.000	342.918	-2.00	428+0.000	342.998	342.544	0.454	4.000	342.918	-2.00	4.307	342.459	-150.00
-4.099	341.943	-150.00	-4.000	342.092	-2.00	429+0.000	342.172	341.838	0.335	4.000	342.092	-2.00	4.246	341.723	-150.00
-4.145	341.048	-150.00	-4.000	341.266	-2.00	430+0.000	341.346	340.991	0.355	4.000	341.266	-2.00	4.253	340.887	-150.00
-4.268	340.038	-150.00	-4.000	340.440	-2.00	431+0.000	340.520	340.032	0.488	4.000	340.440	-2.00	4.271	340.033	-150.00
-4.281	339.192	-150.00	-4.000	339.614	-2.00	432+0.000	339.694	339.208	0.486	4.000	339.614	-2.00	4.258	339.227	-150.00
-4.244	338.476	-150.00	-4.000	338.843	-2.00	433+0.000	338.923	338.454	0.469	4.000	338.843	-2.00	4.266	338.443	-150.00
-4.317	337.766	-150.00	-4.000	338.242	-2.00	434+0.000	338.322	337.758	0.564	4.000	338.242	-2.00	4.329	337.749	-150.00
-4.523	336.928	-150.00	-4.000	337.712	-2.00	435+0.000	337.792	336.928	0.864	4.000	337.712	-2.00	4.529	336.919	-150.00
-4.659	336.195	-150.00	-4.000	337.183	-2.00	436+0.000	337.263	336.183	1.080	4.000	337.183	-2.00	4.656	336.199	-150.00
-4.715	335.581	-150.00	-4.000	336.653	-2.00	437+0.000	336.733	335.604	1.129	4.000	336.653	-2.00	4.684	335.627	-150.00
-4.583	335.249	-150.00	-4.000	336.124	-2.00	438+0.000	336.204	335.250	0.953	4.000	336.124	-2.00	4.582	335.251	-150.00
-4.401	335.108	-150.00	-4.000	335.710	-2.00	439+0.000	335.790	335.062	0.728	4.000	335.710	-2.00	4.463	335.015	-150.00
-4.184	335.387	-150.00	-4.000	335.662	-2.00	440+0.000	335.742	335.356	0.387	4.000	335.662	-2.00	4.233	335.313	-150.00
-4.187	335.708	-150.00	-4.000	335.988	-2.00	441+0.000	336.068	335.727	0.341	4.000	335.988	-2.00	4.123	335.804	-150.00
-4.308	336.184	-150.00	-4.000	336.646	-2.00	442+0.000	336.726	336.261	0.465	4.000	336.646	-2.00	4.205	336.339	-150.00
-4.210	337.041	-150.00	-4.000	337.356	-2.00	443+0.000	337.436	336.984	0.452	4.000	337.356	-2.00	4.260	336.965	-150.00
-4.243	337.590	-150.00	-4.000	337.954	-2.00	444+0.000	338.034	337.600	0.434	4.000	337.954	-2.00	4.229	337.611	-150.00
-4.198	337.617	-150.00	-4.000	337.914	-2.00	445+0.000	337.994	337.576	0.419	4.000	337.914	-2.00	4.219	337.586	-150.00
-4.261	337.427	-150.00	-4.000	337.819	-2.00	446+0.000	337.899	337.415	0.484	4.000	337.819	-2.00	4.264	337.422	-150.00
-4.362	337.149	-150.00	-4.000	337.691	-2.00	447+0.000	337.771	337.168	0.603	4.000	337.691	-2.00	4.336	337.188	-150.00
-4.591	336.678	-150.00	-4.000	337.564	-2.00	448+0.000	337.644	336.728	0.916	4.000	337.564	-2.00	4.525	336.777	-150.00
-4.578	336.571	-150.00	-4.000	337.437	-2.00	449+0.000	337.517	336.576	0.941	4.000	337.437	-2.00	4.571	336.581	-150.00
-4.356	336.775	-150.00	-4.000	337.310	-2.00	450+0.000	337.390	336.746	0.644	4.000	337.310	-2.00	4.382	336.737	-150.00
-4.189	336.900	-150.00	-4.000	337.182	-2.00	451+0.000	337.262	336.835	0.427	4.000	337.182	-2.00	4.276	336.769	-150.00
-4.161	336.882	-150.00	-4.000	337.124	-2.00	452+0.000	337.204	336.815	0.388	4.000	337.124	-2.00	4.250	336.748	-150.00
-4.159	336.849	-150.00	-4.000	337.087	-2.00	453+0.000	337.167	336.785	0.382	4.000	337.087	-2.00	4.245	336.720	-150.00
-4.222	336.718	-150.00	-4.000	337.051	-2.00	454+0.000	337.131	336.724	0.407	4.000	337.051	-2.00	4.259	336.662	-150.00
-4.251	336.337	-150.00	-4.000	336.714	-2.00	455+0.000	336.794	336.361	0.433	4.000	336.714	-2.00	4.219	336.386	-150.00
-4.262	336.157	-150.00	-4.000	336.550	-2.00	456+0.000	336.630	336.222	0.409	4.000	336.550	-2.00	4.177	336.285	-150.00
-4.203	336.168	-150.00	-4.000	336.473	-2.00	457+0.000	336.553	336.169	0.384	4.000	336.473	-2.00	4.229	336.130	-150.00
-4.167	336.263	-150.00	-4.000	336.514	-2.00	458+0.000	336.594	336.212	0.382	4.000	336.514	-2.00	4.236	336.160	-150.00
-4.161	336.361	-150.00	-4.000	336.603	-2.00	459+0.000	336.683	336.342	0.341	4.000	336.603	-2.00	4.187	336.322	-150.00
-4.139	336.775	-150.00	-4.000	336.984	-2.00	460+0.000	337.064	336.722	0.342	4.000	336.984	-2.00	4.188	336.702	-150.00
-4.031	337.318	-150.00	-4.000	337.364	-2.00	461+0.000	337.444	337.181	0.264	4.000	337.364	-2.00	4.226	337.025	-150.00
-4.019	337.717	-150.00	-4.000	337.745	-2.00	462+0.000	337.825	337.558	0.268	4.000	337.745	-2.00	4.236	337.391	-150.00
-4.036	338.071	-150.00	-4.000	338.126	-2.00	463+0.000	338.206	337.906	0.299	4.000	338.126	-2.00	4.282	337.702	-150.00
-4.092	338.221	-150.00	-4.000	338.359	-2.00	464+0.000	338.439	338.010	0.430	4.000	338.359	-2.00	4.384	337.784	-150.00
-4.071	338.101	-150.00	-4.000	338.208	-2.00	465+0.000	338.288	337.902	0.386	4.000	338.208	-2.00	4.318	337.731	-150.00
-4.139	337.797	-150.00	-4.000	338.005	-2.00	466+0.000	338.085	337.651	0.434	4.000	338.005	-2.00	4.359	337.466	-150.00
-4.140	337.440	-150.00	-4.000	337.649	-2.00	467+0.000	337.729	337.306	0.423	4.000	337.649	-2.00	4.321	337.168	-150.00
-4.148	337.182	-150.00	-4.000	337.404	-2.00	468+0.000	337.484	337.053	0.431	4.000	337.404	-2.00	4.324	336.919	-150.00
-4.212	336.842	-150.00	-4.000	337.161	-2.00	469+0.000	337.241	336.735	0.505	4.000	337.161	-2.00	4.357	336.625	-150.00
-4.234	336.566	-150.00	-4.000	336.917	-2.00	470+0.000	336.997	336.462	0.535	4.000	336.917	-2.00	4.375	336.355	-150.00
-4.213	336.354	-150.00	-4.000	336.673	-2.00	471+0.000	336.753	336.233	0.520	4.000	336.673	-2.00	4.377	336.107	-150.00
-4.222	336.097	-150.00	-4.000	336.429	-2.00	472+0.000	336.509	335.976	0.533	4.000	336.429	-2.00	4.386	335.850	-150.00
-4.210	335.870	-150.00	-4.000	336.185	-2.00	473+0.000	336.265	335.790	0.475	4.000	336.185	-2.00	4.318	335.708	-150.00
-4.187	335.661	-150.00	-4.000	335.941	-2.00	474+0.000	336.021	335.585	0.436	4.000	335.941	-2.00	4.292	335.504	-150.00
-4.188	335.401	-150.00	-4.000	335.683	-2.00	475+0.000	335.763	335.332	0.432	4.000	335.683	-2.00	4.301	335.232	-150.00
-4.171	335.081	-150.00	-4.000	335.337	-2.00	476+0.000	335.417	335.012	0.405	4.000	335.337	-2.00	4.262	334.945	-150.00
-4.148	334.759	-150.00	-4.000	334.981	-2.00	477+0.000	335.061	334.690	0.371	4.000	334.981	-2.00	4.241	334.619	-150.00
-4.163	334.380	-150.00	-4.000	334.625	-2.00	478+0.000	334.705	334.309	0.396	4.000	334.625	-2.00	4.249	334.251	-150.00

-4.203	333.965	-150.00	-4.000	334.269	-2.00	479+0.000	334.349	333.908	0.441	4.000	334.269	-2.00	4.280	333.849	-150.00
-4.188	333.337	-150.00	-4.000	333.620	-2.00	480+0.000	333.700	333.275	0.424	4.000	333.620	-2.00	4.259	333.230	-150.00
-4.120	332.661	-150.00	-4.000	332.841	-2.00	481+0.000	332.921	332.609	0.312	4.000	332.841	-2.00	4.190	332.556	-150.00
-4.145	331.845	-150.00	-4.000	332.063	-2.00	482+0.000	332.143	331.826	0.317	4.000	332.063	-2.00	4.158	331.826	-150.00
-4.197	330.988	-150.00	-4.000	331.285	-2.00	483+0.000	331.365	330.976	0.389	4.000	331.285	-2.00	4.213	330.965	-150.00
-4.323	330.027	-150.00	-4.000	330.512	-2.00	484+0.000	330.592	330.143	0.449	4.000	330.512	-2.00	4.178	330.245	-150.00
-4.337	329.367	-150.00	-4.000	329.873	-2.00	485+0.000	329.953	329.503	0.450	4.000	329.873	-2.00	4.161	329.631	-150.00
-4.433	328.587	-150.00	-4.000	329.235	-2.00	486+0.000	329.315	328.806	0.509	4.000	329.235	-2.00	4.147	329.014	-150.00
-4.402	327.994	-150.00	-4.000	328.597	-2.00	487+0.000	328.677	328.205	0.472	4.000	328.597	-2.00	4.129	328.404	-150.00
-4.406	327.106	-150.00	-4.000	327.715	-2.00	488+0.000	327.795	327.300	0.495	4.000	327.715	-2.00	4.124	327.529	-150.00
-4.392	326.105	-150.00	-4.000	326.694	-2.00	489+0.000	326.774	326.323	0.450	4.000	326.694	-2.00	4.110	326.528	-150.00
-4.338	325.257	-150.00	-4.000	325.764	-2.00	490+0.000	325.844	325.295	0.549	4.000	325.764	-2.00	4.288	325.332	-150.00
-4.377	324.490	-150.00	-4.000	325.056	-2.00	491+0.000	325.136	324.596	0.540	4.000	325.056	-2.00	4.239	324.698	-150.00
-4.269	324.018	-150.00	-4.000	324.422	-2.00	492+0.000	324.502	324.053	0.449	4.000	324.422	-2.00	4.223	324.088	-150.00
-4.314	323.543	-150.00	-4.000	324.014	-2.00	493+0.000	324.094	323.626	0.467	4.000	324.014	-2.00	4.204	323.707	-150.00
-4.334	323.062	-150.00	-4.000	323.563	-2.00	494+0.000	323.643	323.164	0.479	4.000	323.563	-2.00	4.200	323.264	-150.00
-4.257	322.559	-150.00	-4.000	322.944	-2.00	495+0.000	323.024	322.534	0.490	4.000	322.944	-2.00	4.236	322.590	-150.00
-4.200	322.232	-150.00	-4.000	322.532	-2.00	496+0.000	322.612	322.186	0.426	4.000	322.532	-2.00	4.214	322.211	-150.00
-4.265	322.038	-150.00	-4.000	322.436	-2.00	497+0.000	322.516	322.054	0.462	4.000	322.436	-2.00	4.223	322.102	-150.00
-4.392	322.240	-150.00	-4.000	322.828	-2.00	498+0.000	322.908	322.327	0.581	4.000	322.828	-2.00	4.312	322.359	-150.00
-4.566	322.599	-150.00	-4.000	323.448	-2.00	499+0.000	323.528	322.637	0.891	4.000	323.448	-2.00	4.516	322.674	-150.00
-4.528	323.277	-150.00	-4.000	324.068	-2.00	500+0.000	324.148	323.298	0.850	4.000	324.068	-2.00	4.500	323.318	-150.00
-4.432	324.041	-150.00	-4.000	324.689	-2.00	501+0.000	324.769	324.050	0.719	4.000	324.689	-2.00	4.429	324.045	-150.00
-4.327	324.818	-150.00	-4.000	325.309	-2.00	502+0.000	325.389	324.870	0.519	4.000	325.309	-2.00	4.279	324.890	-150.00
-4.153	325.700	-150.00	-4.000	325.929	-2.00	503+0.000	326.009	325.683	0.326	4.000	325.929	-2.00	4.183	325.655	-150.00
-4.081	326.416	-150.00	-4.000	326.538	-2.00	504+0.000	326.618	326.403	0.214	4.000	326.538	-2.00	4.108	326.376	-150.00
-4.145	326.927	-150.00	-4.000	327.145	-2.00	505+0.000	327.225	326.925	0.300	4.000	327.145	-2.00	4.148	326.922	-150.00
-4.205	327.336	-150.00	-4.000	327.643	-2.00	506+0.000	327.723	327.313	0.411	4.000	327.643	-2.00	4.305	327.185	-150.00
-4.192	327.273	-150.00	-4.000	327.562	-2.00	507+0.000	327.642	327.229	0.412	4.000	327.562	-2.00	4.251	327.185	-150.00
-4.164	327.265	-150.00	-4.000	327.510	-2.00	508+0.000	327.590	327.202	0.388	4.000	327.510	-2.00	4.248	327.139	-150.00
-4.234	327.313	-150.00	-4.000	327.665	-2.00	509+0.000	327.745	327.305	0.439	4.000	327.665	-2.00	4.244	327.298	-150.00
-4.216	327.502	-150.00	-4.000	327.827	-2.00	510+0.000	327.907	327.507	0.400	4.000	327.827	-2.00	4.214	327.506	-150.00
-4.264	327.594	-150.00	-4.000	327.990	-2.00	511+0.000	328.070	327.677	0.392	4.000	327.990	-2.00	4.198	327.692	-150.00
-4.311	327.428	-150.00	-4.000	327.893	-2.00	512+0.000	327.973	327.557	0.417	4.000	327.893	-2.00	4.107	327.732	-150.00
-4.374	327.104	-150.00	-4.000	327.665	-2.00	513+0.000	327.745	327.314	0.432	4.000	327.665	-2.00	4.112	327.497	-150.00
-4.395	326.740	-150.00	-4.000	327.332	-2.00	514+0.000	327.412	326.970	0.442	4.000	327.332	-2.00	4.098	327.184	-150.00
-4.383	326.413	-150.00	-4.000	326.988	-2.00	515+0.000	327.068	326.653	0.415	4.000	326.988	-2.00	4.075	326.876	-150.00
-4.385	326.067	-150.00	-4.000	326.644	-2.00	516+0.000	326.724	326.291	0.433	4.000	326.644	-2.00	4.096	326.500	-150.00
-4.312	326.117	-150.00	-4.000	326.585	-2.00	517+0.000	326.665	326.309	0.357	4.000	326.585	-2.00	4.058	326.498	-150.00
-4.305	326.153	-150.00	-4.000	326.611	-2.00	518+0.000	326.691	326.362	0.328	4.000	326.611	-2.00	4.034	326.559	-150.00
-4.338	326.128	-150.00	-4.000	326.636	-2.00	519+0.000	326.716	326.339	0.377	4.000	326.636	-2.00	4.066	326.536	-150.00
-4.295	326.355	-150.00	-4.000	326.797	-2.00	520+0.000	326.877	326.530	0.347	4.000	326.797	-2.00	4.068	326.696	-150.00
-4.260	326.763	-150.00	-4.000	327.153	-2.00	521+0.000	327.233	326.871	0.362	4.000	327.153	-2.00	4.108	326.992	-150.00
-4.149	327.711	-150.00	-4.000	327.934	-2.00	522+0.000	328.014	327.732	0.282	4.000	327.934	-2.00	4.119	327.756	-150.00
-4.045	328.684	-150.00	-4.000	328.751	-2.00	523+0.000	328.831	328.672	0.159	4.000	328.751	-2.00	4.051	328.675	-150.00
-4.405	329.737	66.67	-4.000	329.467	-2.00	524+0.000	329.547	329.702	-0.156	4.000	329.467	-2.00	4.303	329.669	66.67
-4.724	330.665	66.67	-4.000	330.183	-2.00	525+0.000	330.263	330.671	-0.408	4.000	330.183	-2.00	4.705	330.653	66.67
-4.774	331.414	66.67	-4.000	330.898	-2.00	526+0.000	330.978	331.427	-0.449	4.000	330.898	-2.00	4.863	331.474	66.67
-4.728	332.100	66.67	-4.000	331.614	-2.00	527+0.000	331.694	332.231	-0.536	4.000	331.614	-2.00	5.119	332.360	66.67
-4.321	332.544	66.67	-4.000	332.330	-2.00	528+0.000	332.410	332.670	-0.260	4.000	332.330	-2.00	4.705	332.800	66.67
-4.104	332.890	-150.00	-4.000	333.046	-2.00	529+0.000	333.126	333.134	-0.008	4.000	333.046	-2.00	4.486	333.370	66.67
-4.293	333.322	-150.00	-4.000	333.762	-2.00	530+0.000	333.842	333.577	0.265	4.000	333.762	-2.00	4.076	333.813	66.67
-4.417	333.516	-150.00	-4.000	334.142	-2.00	531+0.000	334.222	333.807	0.414	4.000	334.142	-2.00	4.045	334.074	-150.00
-4.438	333.469	-150.00	-4.000	334.126	-2.00	532+0.000	334.206	333.814	0.392	4.000	334.126	-2.00	4.119	334.205	66.67
-4.397	333.707	-150.00	-4.000	334.303	-2.00	533+0.000	334.383	334.090	0.293	4.000	334.303	-2.00	4.238	334.461	66.67
-4.250	334.125	-150.00	-4.000	334.499	-2.00	534+0.000	334.579	334.534	0.045	4.000	334.499	-2.00	4.695	334.963	66.67
-4.342	334.183	-150.00	-4.000	334.696	-2.00	535+0.000	334.776	334.601	0.175	4.000	334.696	-2.00	4.509	335.035	66.67
-4.439	334.233	-150.00	-4.000	334.892	-2.00	536+0.000	334.972	334.611	0.361	4.000	334.892	-2.00	4.130	334.979	66.67
-4.211	334.400	-150.00	-4.000	334.717	-2.00	537+0.000	334.797	334.758	0.039	4.000	334.717	-2.00	4.656	335.154	66.67
-4.269	334.122	-150.00	-4.000	334.526	-2.00	538+0.000	334.606	334.574	0.032	4.000	334.526	-2.00	4.839	335.085	66.67
-4.473	333.625	-150.00	-4.000	334.335	-2.00	539+0.000	334.415	334.099	0.315	4.000	334.335	-2.00	4.337	334.560	66.67
-4.497	333.427	-150.00	-4.000	334.173	-2.00	540+0.000	334.253	333.862	0.392	4.000	334.173	-2.00	4.130	334.260	66.67
-4.467	333.431	-150.00	-4.000	334.132	-2.00	541+0.000	334.212	333.826	0.386	4.000	334.132	-2.00	4.252	334.300	66.67
-4.351	334.118	-150.00	-4.000	334.644	-2.00	542+0.000	334.724	334.426	0.298	4.000	334.644	-2.00	4.274	334.827	66.67
-4.343	334.896	-150.00	-4.000	335.410	-2.00	543+0.000	335.490	335.203	0.287	4.000	335.410	-2.00	4.183	335.533	66.67
-4.171	336.832	66.67	-4.000	336.718	-2.00	544+0.000	336.798	336.963	-0.165	4.000	336.718	-2.00	4.584	337.108	66.67
-5.003	338.746	66.67	-4.000	338.077	-2.00	545+0.000	338.157	338.954	-0.797	4.000	338.077	-2.00	5.579	339.130	66.67
-5.049	340.135	66.67	-4.000	339.435	-2.00	546+0.000	339.515	340.408	-0.893	4.000	339.435	-2.00	5.796	340.633	66.67
-4.748	341.292	66.67	-4.000	340.794	-2.00	547+0.000	340.874	341.530	-0.656	4.000	340.794	-2.00	5.387	341.718	66.67
-4.146	341.934	-150.00	-4.000	342.152	-2.00	548+0.000	342.232	342.156	0.076	4.000	342.152	-2.00	4.355	342.389	66.67
-4.314	342.384	-150.00	-4.000	342.855	-2.00	549+0.000	342.935	342.495	0.441	4.000	342.855	-2.00	4.194	342.564	-150.00
-4.339	341.874	-150.00	-4.000	342.382	-2.00	550+0.000	342.462	341.920	0.542	4.000	342.382	-2.00	4.216	342.058	-150.00
-4.408	341.281	-150.00	-4.000	341.892	-2.00	551+0.000	341.972	341.370	0.602	4.000	341.892	-2.00	4.226	341.552	-150.00
-4.460	340.711	-150.00	-4.000	341.401	-2.00	552+0.000	341.481	340.934	0.548	4.000	341.401	-2.00	4.173	341.142	-150.00
-4.401	340.310	-150.00	-4.000	340.911	-2.00	553+0.000	340.991	340.562	0.428	4.000	340.911	-2.00	4.078	340.794	-150.00
-4.377	339.810	-150.00	-4.000	340.375	-2.00	554+0.000	340.455	340.109	0.346	4.000	340.375	-2.00	4.011	340.383	66.67
-4.423	339.141	-150.00	-4.000	339.775	-2.00	555+0.000	339.855	339.433	0.422	4.000	339.775	-2.00	4.049	339.701	-150.00
-4.199	338.479	-150.00	-4.000	338.778	-2.00	556+0.000	338.858	338.734	0.124	4.000	338.778	-2.00	4.271	338.959	66.67
-4.189	337.475	-150.00	-4.000	337.758	-2.00	557+0.000	337.838	337.722	0.116	4.000	337.758	-2.00	4.284	337.947	66.67
-4.184	336.463	-150.00	-4.000	336.739	-2.00	558+0.000	336.819	336.705	0.113	4.000	336.739	-2.00	4.309	336.944	66.67
-4.394	335.128	-150.00	-4.000	335.719	-2.00	559+0.000	335.799	335.371	0.428	4.000	335.719	-2.00	4.089	335.585	-150.00

Cláudia Lebrão da Silva
Diretora de Projetos
Projetos e Obras - [illegible]
Secretaria [illegible]

-4.486	333.982	-150.00	-4.000	334.711	-2.00	560+0.000	334.791	334.129	0.662	4.000	334.711	-2.00	4.271	334.304	-150.00
-4.560	332.865	-150.00	-4.000	333.705	-2.00	561+0.000	333.785	333.001	0.784	4.000	333.705	-2.00	4.382	333.132	-150.00
-4.532	331.901	-150.00	-4.000	332.699	-2.00	562+0.000	332.779	332.082	0.697	4.000	332.699	-2.00	4.297	332.253	-150.00
-4.321	331.220	-150.00	-4.000	331.701	-2.00	563+0.000	331.781	331.332	0.449	4.000	331.701	-2.00	4.155	331.468	-150.00
-4.342	331.062	-150.00	-4.000	331.575	-2.00	564+0.000	331.655	331.282	0.373	4.000	331.575	-2.00	4.058	331.487	-150.00
-4.342	331.155	-150.00	-4.000	331.669	-2.00	565+0.000	331.749	331.374	0.375	4.000	331.669	-2.00	4.060	331.578	-150.00
-4.350	331.238	-150.00	-4.000	331.763	-2.00	566+0.000	331.843	331.455	0.387	4.000	331.763	-2.00	4.068	331.660	-150.00
-4.298	331.384	-150.00	-4.000	331.832	-2.00	567+0.000	331.912	331.595	0.317	4.000	331.832	-2.00	4.017	331.844	66.67
-4.196	331.587	-150.00	-4.000	331.880	-2.00	568+0.000	331.960	331.849	0.112	4.000	331.880	-2.00	4.361	332.121	66.67
-4.192	331.640	-150.00	-4.000	331.929	-2.00	569+0.000	332.009	331.855	0.153	4.000	331.929	-2.00	4.214	332.071	66.67
-4.227	331.637	-150.00	-4.000	331.977	-2.00	570+0.000	332.057	331.791	0.266	4.000	331.977	-2.00	4.026	331.938	-150.00
-4.297	331.580	-150.00	-4.000	332.025	-2.00	571+0.000	332.105	331.723	0.382	4.000	332.025	-2.00	4.066	331.926	-150.00
-4.443	331.504	-150.00	-4.000	332.168	-2.00	572+0.000	332.248	331.736	0.512	4.000	332.168	-2.00	4.141	331.957	-150.00
-4.338	332.169	-150.00	-4.000	332.676	-2.00	573+0.000	332.756	332.134	0.622	4.000	332.676	-2.00	4.385	332.099	-150.00
-4.150	333.027	-150.00	-4.000	333.252	-2.00	574+0.000	333.332	332.944	0.388	4.000	333.252	-2.00	4.262	332.858	-150.00
-4.067	333.819	-150.00	-4.000	333.919	-2.00	575+0.000	333.999	333.806	0.193	4.000	333.919	-2.00	4.084	333.794	-150.00
-4.066	334.536	-150.00	-4.000	334.636	-2.00	576+0.000	334.716	334.501	0.215	4.000	334.636	-2.00	4.114	334.465	-150.00
-4.109	335.189	-150.00	-4.000	335.353	-2.00	577+0.000	335.433	335.112	0.320	4.000	335.353	-2.00	4.127	335.162	-150.00
-4.119	335.800	-150.00	-4.000	335.979	-2.00	578+0.000	336.059	335.857	0.202	4.000	335.979	-2.00	4.044	335.913	-150.00
-4.051	336.517	-150.00	-4.000	336.593	-2.00	579+0.000	336.673	336.608	0.065	4.000	336.593	-2.00	4.163	336.702	66.67
-4.018	337.182	-150.00	-4.000	337.208	-2.00	580+0.000	337.288	337.309	-0.020	4.000	337.208	-2.00	4.299	337.408	66.67
-4.092	337.685	-150.00	-4.000	337.823	-2.00	581+0.000	337.903	337.788	0.115	4.000	337.823	-2.00	4.159	337.929	66.67
-4.241	338.076	-150.00	-4.000	338.438	-2.00	582+0.000	338.518	338.182	0.336	4.000	338.438	-2.00	4.022	338.405	-150.00
-4.367	337.961	-150.00	-4.000	338.512	-2.00	583+0.000	338.592	338.141	0.451	4.000	338.512	-2.00	4.094	338.370	-150.00
-4.350	337.515	-150.00	-4.000	338.039	-2.00	584+0.000	338.119	337.684	0.434	4.000	338.039	-2.00	4.084	337.913	-150.00
-4.307	337.198	-150.00	-4.000	337.658	-2.00	585+0.000	337.738	337.340	0.397	4.000	337.658	-2.00	4.091	337.522	-150.00
-4.272	337.051	-150.00	-4.000	337.459	-2.00	586+0.000	337.539	337.183	0.356	4.000	337.459	-2.00	4.085	337.332	-150.00
-4.270	336.856	-150.00	-4.000	337.260	-2.00	587+0.000	337.340	336.970	0.370	4.000	337.260	-2.00	4.123	337.075	-150.00
-4.243	336.697	-150.00	-4.000	337.062	-2.00	588+0.000	337.142	336.778	0.364	4.000	337.062	-2.00	4.137	336.856	-150.00
-4.261	336.471	-150.00	-4.000	336.863	-2.00	589+0.000	336.943	336.552	0.391	4.000	336.863	-2.00	4.154	336.632	-150.00
-4.236	336.316	-150.00	-4.000	336.669	-2.00	590+0.000	336.749	336.338	0.411	4.000	336.669	-2.00	4.177	336.403	-150.00
-4.215	336.469	-150.00	-4.000	336.792	-2.00	591+0.000	336.872	336.479	0.393	4.000	336.792	-2.00	4.202	336.489	-150.00
-4.261	336.721	-150.00	-4.000	337.112	-2.00	592+0.000	337.192	336.681	0.511	4.000	337.112	-2.00	4.281	336.692	-150.00
-4.147	337.248	-150.00	-4.000	337.468	-2.00	593+0.000	337.548	337.244	0.304	4.000	337.468	-2.00	4.088	337.336	-150.00
-4.078	338.193	-150.00	-4.000	338.309	-2.00	594+0.000	338.389	338.289	0.101	4.000	338.309	-2.00	4.088	338.368	66.67
-4.009	339.138	-150.00	-4.000	339.152	-2.00	595+0.000	339.232	339.232	0.000	4.000	339.152	-2.00	4.270	339.332	66.67
-4.149	340.094	66.67	-4.000	339.995	-2.00	596+0.000	340.075	340.217	-0.142	4.000	339.995	-2.00	4.484	340.317	66.67
-4.079	340.890	66.67	-4.000	340.837	-2.00	597+0.000	340.917	341.026	-0.108	4.000	340.837	-2.00	4.507	341.175	66.67
-4.025	341.697	66.67	-4.000	341.680	-2.00	598+0.000	341.760	341.840	-0.080	4.000	341.680	-2.00	4.479	341.999	66.67
-4.286	342.075	-150.00	-4.000	342.504	-2.00	599+0.000	342.584	342.319	0.265	4.000	342.504	-2.00	4.070	342.550	66.67
-4.369	342.480	-150.00	-4.000	343.034	-2.00	600+0.000	343.114	342.669	0.444	4.000	343.034	-2.00	4.124	342.848	-150.00
-4.412	342.897	-150.00	-4.000	343.515	-2.00	601+0.000	343.595	343.041	0.554	4.000	343.515	-2.00	4.224	343.179	-150.00
-4.416	343.371	-150.00	-4.000	343.996	-2.00	602+0.000	344.076	343.540	0.536	4.000	343.996	-2.00	4.197	343.701	-150.00
-4.255	344.095	-150.00	-4.000	344.477	-2.00	603+0.000	344.557	344.200	0.357	4.000	344.477	-2.00	4.092	344.340	-150.00
-4.083	344.834	-150.00	-4.000	344.959	-2.00	604+0.000	345.039	344.905	0.134	4.000	344.959	-2.00	4.112	345.033	66.67
-4.057	345.478	66.67	-4.000	345.440	-2.00	605+0.000	345.520	345.606	-0.086	4.000	345.440	-2.00	4.459	345.746	66.67
-4.098	345.773	-150.00	-4.000	345.921	-2.00	606+0.000	346.001	345.751	0.250	4.000	345.921	-2.00	4.086	345.792	-150.00
-4.097	345.995	-150.00	-4.000	346.140	-2.00	607+0.000	346.220	345.960	0.261	4.000	346.140	-2.00	4.156	345.907	-150.00
-4.109	346.064	-150.00	-4.000	346.227	-2.00	608+0.000	346.307	346.000	0.307	4.000	346.227	-2.00	4.195	345.935	-150.00
-4.191	346.044	-150.00	-4.000	346.331	-2.00	609+0.000	346.411	346.055	0.356	4.000	346.331	-2.00	4.188	346.048	-150.00
-4.218	346.256	-150.00	-4.000	346.583	-2.00	610+0.000	346.663	346.310	0.354	4.000	346.583	-2.00	4.147	346.363	-150.00
-4.213	346.695	-150.00	-4.000	347.014	-2.00	611+0.000	347.094	346.777	0.317	4.000	347.014	-2.00	4.104	346.858	-150.00
-4.233	347.446	-150.00	-4.000	347.795	-2.00	612+0.000	347.875	347.545	0.330	4.000	347.795	-2.00	4.103	347.640	-150.00
-4.225	348.450	-150.00	-4.000	348.788	-2.00	613+0.000	348.868	348.559	0.310	4.000	348.788	-2.00	4.083	348.663	-150.00
-4.242	349.475	-150.00	-4.000	349.838	-2.00	614+0.000	349.918	349.656	0.261	4.000	349.838	-2.00	4.027	349.797	-150.00
-4.250	350.660	-150.00	-4.000	351.035	-2.00	615+0.000	351.115	350.842	0.273	4.000	351.035	-2.00	4.014	351.014	-150.00
-4.249	351.788	-150.00	-4.000	352.163	-2.00	616+0.000	352.243	351.954	0.289	4.000	352.163	-2.00	4.035	352.110	-150.00
-4.272	352.805	-150.00	-4.000	353.214	-2.00	617+0.000	353.294	352.993	0.301	4.000	353.214	-2.00	4.030	353.169	-150.00
-4.224	353.752	-150.00	-4.000	354.087	-2.00	618+0.000	354.167	353.939	0.228	4.000	354.087	-2.00	4.076	354.138	66.67
-4.234	354.597	-150.00	-4.000	354.948	-2.00	619+0.000	355.028	354.760	0.268	4.000	354.948	-2.00	4.010	354.933	-150.00
-4.260	355.357	-150.00	-4.000	355.747	-2.00	620+0.000	355.827	355.486	0.341	4.000	355.747	-2.00	4.091	355.610	-150.00
-4.346	355.663	-150.00	-4.000	356.182	-2.00	621+0.000	356.262	355.915	0.347	4.000	356.182	-2.00	4.022	356.150	-150.00
-4.276	356.179	-150.00	-4.000	356.593	-2.00	622+0.000	356.673	356.405	0.268	4.000	356.593	-2.00	4.038	356.618	66.67
-4.363	356.460	-150.00	-4.000	357.004	-2.00	623+0.000	357.084	356.692	0.393	4.000	357.004	-2.00	4.059	356.916	-150.00
-4.398	356.293	-150.00	-4.000	356.890	-2.00	624+0.000	356.970	356.489	0.482	4.000	356.890	-2.00	4.155	356.657	-150.00
-4.369	355.752	-150.00	-4.000	356.306	-2.00	625+0.000	356.386	355.946	0.440	4.000	356.306	-2.00	4.077	356.190	-150.00
-4.312	355.748	-150.00	-4.000	356.216	-2.00	626+0.000	356.296	356.009	0.287	4.000	356.216	-2.00	4.017	356.227	66.67
-4.264	355.764	-150.00	-4.000	356.160	-2.00	627+0.000	356.240	355.978	0.262	4.000	356.160	-2.00	4.042	356.188	66.67
-4.243	355.739	-150.00	-4.000	356.104	-2.00	628+0.000	356.184	355.940	0.244	4.000	356.104	-2.00	4.041	356.131	66.67
-4.327	355.538	-150.00	-4.000	356.028	-2.00	629+0.000	356.108	355.708	0.401	4.000	356.028	-2.00	4.106	355.869	-150.00
-4.369	355.117	-150.00	-4.000	355.671	-2.00	630+0.000	355.751	355.295	0.456	4.000	355.671	-2.00	4.141	355.459	-150.00
-4.323	354.463	-150.00	-4.000	354.947	-2.00	631+0.000	355.027	354.475	0.553	4.000	354.947	-2.00	4.307	354.487	-150.00
-4.459	353.196	-150.00	-4.000	353.885	-2.00	632+0.000	353.965	353.177	0.788	4.000	353.885	-2.00	4.480	353.165	-150.00
-4.541	351.941	-150.00	-4.000	352.753	-2.00	633+0.000	352.833	351.941	0.892	4.000	352.753	-2.00	4.509	351.989	-150.00
-4.478	350.904	-150.00	-4.000	351.621	-2.00	634+0.000	351.701	350.941	0.760	4.000	351.621	-2.00	4.422	350.987	-150.00
-4.352	349.960	-150.00	-4.000	350.489	-2.00	635+0.000	350.569	349.990	0.579	4.000	350.489	-2.00	4.313	350.020	-150.00
-4.253	348.981	-150.00	-4.000	349.360	-2.00	636+0.000	349.440	348.930	0.511	4.000	349.360	-2.00	4.298	348.914	-150.00
-4.265	348.076	-150.00	-4.000	348.473	-2.00	637+0.000	348.553	348.064	0.489	4.000	348.473	-2.00	4.319	347.995	-150.00
-4.351	347.046	-150.00	-4.000	347.573	-2.00	638+0.000	347.653	347.122	0.530	4.000	347.573	-2.00	4.343	347.058	-150.00
-4.482	345.730	-150.00	-4.000	346.453	-2.00	639+0.000	346.533	345.728	0.805	4.000	346.453	-2.00	4.485	345.726	-150.00
-4.593	344.444	-150.00	-4.000	345.333	-2.00	640+0.000	345.413	344.407	1.006	4.000	345.333	-2.00	4.643	344.369	-150.00

Geraldo Lopes da Silveira
Diretor
Projetos Básicos
Superintendência

-4.620	343.282	-150.00	-4.000	344.213	-2.00	641+0.000	344.293	343.263	1.030	4.000	344.213	-2.00	4.644	343.247	-150.00
-4.441	342.431	-150.00	-4.000	343.093	-2.00	642+0.000	343.173	342.356	0.817	4.000	343.093	-2.00	4.543	342.278	-150.00
-4.236	341.639	-150.00	-4.000	341.992	-2.00	643+0.000	342.072	341.667	0.405	4.000	341.992	-2.00	4.266	341.592	-150.00
-4.203	341.584	-150.00	-4.000	341.890	-2.00	644+0.000	341.970	341.645	0.325	4.000	341.890	-2.00	4.121	341.708	-150.00
-4.250	342.069	-150.00	-4.000	342.444	-2.00	645+0.000	342.524	342.130	0.394	4.000	342.444	-2.00	4.169	342.189	-150.00
-4.215	342.675	-150.00	-4.000	342.998	-2.00	646+0.000	343.078	342.717	0.360	4.000	342.998	-2.00	4.158	342.761	-150.00
-4.158	343.315	-150.00	-4.000	343.552	-2.00	647+0.000	343.632	343.435	0.197	4.000	343.552	-2.00	4.020	343.522	-150.00
-4.215	343.783	-150.00	-4.000	344.106	-2.00	648+0.000	344.186	343.922	0.264	4.000	344.106	-2.00	4.039	344.047	-150.00
-4.256	344.277	-150.00	-4.000	344.660	-2.00	649+0.000	344.740	344.400	0.340	4.000	344.660	-2.00	4.092	344.522	-150.00
-4.266	344.899	-150.00	-4.000	345.297	-2.00	650+0.000	345.377	345.033	0.344	4.000	345.297	-2.00	4.090	345.163	-150.00
-4.221	345.624	-150.00	-4.000	345.955	-2.00	651+0.000	346.035	345.738	0.297	4.000	345.955	-2.00	4.080	345.835	-150.00
-4.215	346.291	-150.00	-4.000	346.613	-2.00	652+0.000	346.693	346.342	0.351	4.000	346.613	-2.00	4.147	346.393	-150.00
-4.218	346.944	-150.00	-4.000	347.271	-2.00	653+0.000	347.351	346.998	0.353	4.000	347.271	-2.00	4.147	347.050	-150.00
-4.193	347.640	-150.00	-4.000	347.929	-2.00	654+0.000	348.009	347.673	0.337	4.000	347.929	-2.00	4.172	347.671	-150.00
-4.148	348.257	-150.00	-4.000	348.478	-2.00	655+0.000	348.558	348.209	0.349	4.000	348.478	-2.00	4.198	348.181	-150.00
-4.132	348.765	-150.00	-4.000	348.964	-2.00	656+0.000	349.044	348.696	0.347	4.000	348.964	-2.00	4.222	348.631	-150.00
-4.134	349.203	-150.00	-4.000	349.404	-2.00	657+0.000	349.484	349.127	0.357	4.000	349.404	-2.00	4.237	349.048	-150.00
-4.187	349.541	-150.00	-4.000	349.821	-2.00	658+0.000	349.901	349.456	0.445	4.000	349.821	-2.00	4.296	349.378	-150.00
-4.312	349.764	-150.00	-4.000	350.231	-2.00	659+0.000	350.311	349.686	0.625	4.000	350.231	-2.00	4.416	349.607	-150.00
-4.391	350.054	-150.00	-4.000	350.641	-2.00	660+0.000	350.721	350.000	0.721	4.000	350.641	-2.00	4.449	349.967	-150.00
-4.393	350.461	-150.00	-4.000	351.051	-2.00	661+0.000	351.131	350.426	0.705	4.000	351.051	-2.00	4.440	350.391	-150.00
-4.412	350.842	-150.00	-4.000	351.461	-2.00	662+0.000	351.541	350.842	0.699	4.000	351.461	-2.00	4.413	350.841	-150.00
-4.192	351.598	-150.00	-4.000	351.886	-2.00	663+0.000	351.966	351.609	0.356	4.000	351.886	-2.00	4.177	351.620	-150.00
-4.168	352.556	-150.00	-4.000	352.808	-2.00	664+0.000	352.888	352.635	0.253	4.000	352.808	-2.00	4.064	352.712	-150.00
-4.136	353.916	-150.00	-4.000	354.120	-2.00	665+0.000	354.200	353.944	0.256	4.000	354.120	-2.00	4.065	354.023	-150.00
-4.112	355.399	-150.00	-4.000	355.566	-2.00	666+0.000	355.646	355.416	0.230	4.000	355.566	-2.00	4.039	355.508	-150.00
-4.165	356.963	-150.00	-4.000	357.211	-2.00	667+0.000	357.291	356.983	0.308	4.000	357.211	-2.00	4.094	357.071	-150.00
-4.177	358.621	-150.00	-4.000	358.886	-2.00	668+0.000	358.966	358.727	0.239	4.000	358.886	-2.00	4.037	358.830	-150.00
-4.191	360.065	-150.00	-4.000	360.352	-2.00	669+0.000	360.432	360.147	0.284	4.000	360.352	-2.00	4.086	360.223	-150.00
-4.195	361.262	-150.00	-4.000	361.555	-2.00	670+0.000	361.635	361.330	0.304	4.000	361.555	-2.00	4.105	361.397	-150.00
-4.190	362.210	-150.00	-4.000	362.495	-2.00	671+0.000	362.575	362.273	0.302	4.000	362.495	-2.00	4.123	362.311	-150.00
-4.179	362.904	-150.00	-4.000	363.173	-2.00	672+0.000	363.253	362.921	0.332	4.000	363.173	-2.00	4.156	362.938	-150.00
-4.155	363.358	-150.00	-4.000	363.590	-2.00	673+0.000	363.670	363.367	0.303	4.000	363.590	-2.00	4.168	363.338	-150.00
-4.152	363.685	-150.00	-4.000	363.913	-2.00	674+0.000	363.993	363.695	0.297	4.000	363.913	-2.00	4.138	363.705	-150.00
-4.150	364.009	-150.00	-4.000	364.235	-2.00	675+0.000	364.315	364.029	0.285	4.000	364.235	-2.00	4.124	364.049	-150.00
-4.099	364.408	-150.00	-4.000	364.557	-2.00	676+0.000	364.637	364.430	0.207	4.000	364.557	-2.00	4.095	364.414	-150.00
-4.042	364.815	-150.00	-4.000	364.879	-2.00	677+0.000	364.959	364.854	0.105	4.000	364.879	-2.00	4.034	364.902	66.67
-4.093	365.263	66.67	-4.000	365.201	-2.00	678+0.000	365.281	365.302	-0.021	4.000	365.201	-2.00	4.227	365.352	66.67
-4.206	365.660	66.67	-4.000	365.523	-2.00	679+0.000	365.603	365.755	-0.152	4.000	365.523	-2.00	4.461	365.830	66.67
-4.069	365.891	66.67	-4.000	365.845	-2.00	680+0.000	365.925	365.982	-0.057	4.000	365.845	-2.00	4.387	366.103	66.67
-4.053	366.087	-150.00	-4.000	366.167	-2.00	681+0.000	366.247	366.141	0.106	4.000	366.167	-2.00	4.069	366.213	66.67
-4.125	366.302	-150.00	-4.000	366.489	-2.00	682+0.000	366.569	366.376	0.193	4.000	366.489	-2.00	4.033	366.440	-150.00
-4.187	366.530	-150.00	-4.000	366.811	-2.00	683+0.000	366.891	366.607	0.284	4.000	366.811	-2.00	4.086	366.682	-150.00
-4.290	366.698	-150.00	-4.000	367.133	-2.00	684+0.000	367.213	366.826	0.387	4.000	367.133	-2.00	4.096	366.990	-150.00
-4.248	367.141	-150.00	-4.000	367.513	-2.00	685+0.000	367.593	367.255	0.338	4.000	367.513	-2.00	4.077	367.397	-150.00
-4.189	367.852	-150.00	-4.000	368.135	-2.00	686+0.000	368.215	367.846	0.369	4.000	368.135	-2.00	4.125	367.948	-150.00
-4.227	368.264	-150.00	-4.000	368.604	-2.00	687+0.000	368.684	368.295	0.389	4.000	368.604	-2.00	4.195	368.311	-150.00
-4.103	368.470	-150.00	-4.000	368.625	-2.00	688+0.000	368.705	368.486	0.219	4.000	368.625	-2.00	4.082	368.502	-150.00
-4.218	368.291	-150.00	-4.000	368.618	-2.00	689+0.000	368.698	368.362	0.336	4.000	368.618	-2.00	4.124	368.432	-150.00
-4.242	368.082	-150.00	-4.000	368.445	-2.00	690+0.000	368.525	368.068	0.457	4.000	368.445	-2.00	4.255	368.063	-150.00
-4.250	367.650	-150.00	-4.000	368.026	-2.00	691+0.000	368.106	367.594	0.512	4.000	368.026	-2.00	4.299	367.577	-150.00
-4.273	367.197	-150.00	-4.000	367.606	-2.00	692+0.000	367.686	367.145	0.541	4.000	367.606	-2.00	4.342	367.093	-150.00
-4.351	366.660	-150.00	-4.000	367.187	-2.00	693+0.000	367.267	366.637	0.630	4.000	367.187	-2.00	4.378	366.620	-150.00
-4.329	366.274	-150.00	-4.000	366.768	-2.00	694+0.000	366.848	366.244	0.603	4.000	366.768	-2.00	4.371	366.211	-150.00
-4.279	365.930	-150.00	-4.000	366.349	-2.00	695+0.000	366.429	365.926	0.502	4.000	366.349	-2.00	4.292	365.911	-150.00
-4.219	365.667	-150.00	-4.000	365.995	-2.00	696+0.000	366.075	365.652	0.423	4.000	365.995	-2.00	4.222	365.661	-150.00
-4.263	365.465	-150.00	-4.000	365.859	-2.00	697+0.000	365.939	365.481	0.458	4.000	365.859	-2.00	4.241	365.497	-150.00
-4.224	365.433	-150.00	-4.000	365.769	-2.00	698+0.000	365.849	365.426	0.423	4.000	365.769	-2.00	4.233	365.419	-150.00
-4.201	365.378	-150.00	-4.000	365.679	-2.00	699+0.000	365.759	365.351	0.407	4.000	365.679	-2.00	4.240	365.319	-150.00
-4.213	365.030	-150.00	-4.000	365.350	-2.00	700+0.000	365.430	365.048	0.382	4.000	365.350	-2.00	4.189	365.066	-150.00
-4.147	364.682	-150.00	-4.000	364.902	-2.00	701+0.000	364.982	364.684	0.298	4.000	364.902	-2.00	4.144	364.685	-150.00
-4.139	364.245	-150.00	-4.000	364.454	-2.00	702+0.000	364.534	364.251	0.282	4.000	364.454	-2.00	4.131	364.257	-150.00
-4.145	363.788	-150.00	-4.000	364.005	-2.00	703+0.000	364.085	363.772	0.313	4.000	364.005	-2.00	4.166	363.756	-150.00
-4.202	363.254	-150.00	-4.000	363.557	-2.00	704+0.000	363.637	363.222	0.415	4.000	363.557	-2.00	4.243	363.193	-150.00
-4.230	362.764	-150.00	-4.000	363.109	-2.00	705+0.000	363.189	362.742	0.447	4.000	363.109	-2.00	4.259	362.720	-150.00
-4.212	362.342	-150.00	-4.000	362.661	-2.00	706+0.000	362.741	362.303	0.438	4.000	362.661	-2.00	4.253	362.281	-150.00
-4.197	362.061	-150.00	-4.000	362.356	-2.00	707+0.000	362.436	362.001	0.435	4.000	362.356	-2.00	4.277	361.940	-150.00
-4.203	361.784	-150.00	-4.000	362.088	-2.00	708+0.000	362.168	361.724	0.445	4.000	362.088	-2.00	4.245	361.721	-150.00
-4.262	361.289	-150.00	-4.000	361.682	-2.00	709+0.000	361.762	361.269	0.493	4.000	361.682	-2.00	4.214	361.361	-150.00
-4.297	360.512	-150.00	-4.000	360.957	-2.00	710+0.000	361.037	360.555	0.482	4.000	360.957	-2.00	4.207	360.647	-150.00
-4.358	359.657	-150.00	-4.000	360.194	-2.00	711+0.000	360.274	359.769	0.505	4.000	360.194	-2.00	4.227	359.854	-150.00
-4.386	358.621	-150.00	-4.000	359.200	-2.00	712+0.000	359.280	358.789	0.491	4.000	359.200	-2.00	4.167	358.949	-150.00
-4.392	357.798	-150.00	-4.000	358.387	-2.00	713+0.000	358.467	358.002	0.464	4.000	358.387	-2.00	4.113	358.217	-150.00
-4.392	357.265	-150.00	-4.000	357.853	-2.00	714+0.000	357.933	357.506	0.427	4.000	357.853	-2.00	4.082	357.730	-150.00
-4.399	356.839	-150.00	-4.000	357.437	-2.00	715+0.000	357.517	357.115	0.402	4.000	357.437	-2.00	4.041	357.375	-150.00
-4.393	356.544	-150.00	-4.000	357.134	-2.00	716+0.000	357.214	356.828	0.386	4.000	357.134	-2.00	4.031	357.088	-150.00
-4.433	356.180	-150.00	-4.000	356.830	-2.00	717+0.000	356.910	356.470	0.441	4.000	356.830	-2.00	4.065	356.733	-150.00
-4.411	355.308	-150.00	-4.000	355.925	-2.00	718+0.000	356.005	355.572	0.433	4.000	355.925	-2.00	4.072	355.817	-150.00
-4.393	354.250	-150.00	-4.000	354.840	-2.00	719+0.000	354.920	354.510	0.411	4.000	354.840	-2.00	4.061	354.749	-150.00
-4.466	352.968	-150.00	-4.000	353.667	-2.00	720+0.000	353.747	353.199	0.547	4.000	353.667	-2.00	4.168	353.415	-150.00
-4.360	351.614	-150.00	-4.000	352.154	-2.00	721+0.000	352.234	351.685	0.548	4.000	352.154	-2.00	4.239	351.796	-150.00

-4.309	350.114	-150.00	-4.000	350.578	-2.00	722+0.000	350.658	350.127	0.531	4.000	350.578	-2.00	4.275	350.164	-150.00
-4.343	348.487	-150.00	-4.000	349.002	-2.00	723+0.000	349.082	348.575	0.507	4.000	349.002	-2.00	4.224	348.666	-150.00
-4.342	346.912	-150.00	-4.000	347.425	-2.00	724+0.000	347.505	346.989	0.516	4.000	347.425	-2.00	4.241	347.064	-150.00
-4.357	345.329	-150.00	-4.000	345.864	-2.00	725+0.000	345.944	345.363	0.581	4.000	345.864	-2.00	4.301	345.412	-150.00
-4.400	343.755	-150.00	-4.000	344.355	-2.00	726+0.000	344.435	343.797	0.638	4.000	344.355	-2.00	4.343	343.840	-150.00
-4.425	342.209	-150.00	-4.000	342.846	-2.00	727+0.000	342.926	342.265	0.660	4.000	342.846	-2.00	4.350	342.321	-150.00
-4.370	340.782	-150.00	-4.000	341.336	-2.00	728+0.000	341.416	340.842	0.574	4.000	341.336	-2.00	4.290	340.901	-150.00
-4.169	339.619	-150.00	-4.000	339.873	-2.00	729+0.000	339.953	339.641	0.312	4.000	339.873	-2.00	4.134	339.672	-150.00
-4.153	338.635	-150.00	-4.000	338.864	-2.00	730+0.000	338.944	338.657	0.287	4.000	338.864	-2.00	4.124	338.678	-150.00
-4.119	338.284	-150.00	-4.000	338.462	-2.00	731+0.000	338.542	338.373	0.169	4.000	338.462	-2.00	4.028	338.420	-150.00
-4.301	338.217	-150.00	-4.000	338.668	-2.00	732+0.000	338.748	338.347	0.401	4.000	338.668	-2.00	4.130	338.472	-150.00
-4.226	339.142	-150.00	-4.000	339.481	-2.00	733+0.000	339.561	339.239	0.322	4.000	339.481	-2.00	4.098	339.334	-150.00
-4.376	340.299	-150.00	-4.000	340.862	-2.00	734+0.000	340.942	340.472	0.470	4.000	340.862	-2.00	4.151	340.636	-150.00
-4.364	341.818	-150.00	-4.000	342.364	-2.00	735+0.000	342.444	341.970	0.474	4.000	342.364	-2.00	4.193	342.075	-150.00
-4.291	343.430	-150.00	-4.000	343.867	-2.00	736+0.000	343.947	343.568	0.379	4.000	343.867	-2.00	4.111	343.700	-150.00
-4.192	345.081	-150.00	-4.000	345.369	-2.00	737+0.000	345.449	345.215	0.234	4.000	345.369	-2.00	4.056	345.285	-150.00
-4.162	346.052	-150.00	-4.000	346.295	-2.00	738+0.000	346.375	346.170	0.205	4.000	346.295	-2.00	4.008	346.284	-150.00
-4.050	346.874	-150.00	-4.000	346.949	-2.00	739+0.000	347.029	347.007	0.022	4.000	346.949	-2.00	4.262	347.124	66.67
-4.075	347.490	-150.00	-4.000	347.603	-2.00	740+0.000	347.683	347.560	0.123	4.000	347.603	-2.00	4.040	347.629	66.67
-4.082	348.133	-150.00	-4.000	348.257	-2.00	741+0.000	348.337	348.169	0.168	4.000	348.257	-2.00	4.035	348.204	-150.00
-4.113	348.741	-150.00	-4.000	348.911	-2.00	742+0.000	348.991	348.737	0.254	4.000	348.911	-2.00	4.118	348.733	-150.00
-4.087	349.521	-150.00	-4.000	349.651	-2.00	743+0.000	349.731	349.445	0.286	4.000	349.651	-2.00	4.190	349.367	-150.00
-4.271	350.558	-150.00	-4.000	350.965	-2.00	744+0.000	351.045	350.583	0.462	4.000	350.965	-2.00	4.238	350.608	-150.00
-4.169	352.055	-150.00	-4.000	352.308	-2.00	745+0.000	352.388	352.050	0.338	4.000	352.308	-2.00	4.175	352.045	-150.00
-4.022	353.618	-150.00	-4.000	353.650	-2.00	746+0.000	353.730	353.613	0.117	4.000	353.650	-2.00	4.023	353.616	-150.00
-4.230	355.146	66.67	-4.000	354.992	-2.00	747+0.000	355.072	355.178	-0.106	4.000	354.992	-2.00	4.309	355.198	66.67
-4.467	356.646	66.67	-4.000	356.335	-2.00	748+0.000	356.415	356.704	-0.289	4.000	356.335	-2.00	4.586	356.726	66.67
-4.163	357.786	66.67	-4.000	357.677	-2.00	749+0.000	357.757	357.885	-0.127	4.000	357.677	-2.00	4.319	357.890	66.67
-4.197	358.609	-150.00	-4.000	358.904	-2.00	750+0.000	358.984	358.708	0.276	4.000	358.904	-2.00	4.083	358.780	-150.00
-4.237	359.363	-150.00	-4.000	359.719	-2.00	751+0.000	359.799	359.469	0.330	4.000	359.719	-2.00	4.137	359.512	-150.00
-4.221	359.873	-150.00	-4.000	360.204	-2.00	752+0.000	360.284	359.917	0.367	4.000	360.204	-2.00	4.162	359.961	-150.00
-4.141	360.457	-150.00	-4.000	360.668	-2.00	753+0.000	360.748	360.469	0.280	4.000	360.668	-2.00	4.125	360.481	-150.00
-4.049	361.060	-150.00	-4.000	361.133	-2.00	754+0.000	361.213	361.046	0.167	4.000	361.133	-2.00	4.067	361.032	-150.00
-4.035	361.544	-150.00	-4.000	361.597	-2.00	755+0.000	361.677	361.542	0.135	4.000	361.597	-2.00	4.038	361.540	-150.00
-4.035	362.008	-150.00	-4.000	362.061	-2.00	756+0.000	362.141	362.020	0.121	4.000	362.061	-2.00	4.016	362.037	-150.00
-4.120	362.345	-150.00	-4.000	362.525	-2.00	757+0.000	362.605	362.405	0.200	4.000	362.525	-2.00	4.039	362.466	-150.00
-4.220	362.642	-150.00	-4.000	362.973	-2.00	758+0.000	363.053	362.684	0.369	4.000	362.973	-2.00	4.151	362.747	-150.00
-4.211	362.820	-150.00	-4.000	363.136	-2.00	759+0.000	363.216	362.815	0.401	4.000	363.136	-2.00	4.199	362.838	-150.00
-4.203	362.901	-150.00	-4.000	363.207	-2.00	760+0.000	363.287	362.897	0.389	4.000	363.207	-2.00	4.201	362.905	-150.00
-4.102	363.236	-150.00	-4.000	363.388	-2.00	761+0.000	363.468	363.184	0.284	4.000	363.388	-2.00	4.172	363.131	-150.00
			-4.000	363.638	-2.00	762+0.000	363.718	363.588	0.130	4.000	363.638	-2.00	4.068	363.536	-150.00
-4.130	363.974	66.67	-4.000	363.887	-2.00	763+0.000	363.967	363.935	0.032	4.000	363.887	-2.00	4.038	363.913	66.67
-4.368	364.382	66.67	-4.000	364.136	-2.00	764+0.000	364.216	364.381	-0.164	4.000	364.136	-2.00	4.364	364.379	66.67
-4.451	364.686	66.67	-4.000	364.386	-2.00	765+0.000	364.466	364.718	-0.252	4.000	364.386	-2.00	4.547	364.750	66.67
-4.547	365.000	66.67	-4.000	364.635	-2.00	766+0.000	364.715	365.101	-0.386	4.000	364.635	-2.00	4.861	365.209	66.67
-4.337	365.110	66.67	-4.000	364.885	-2.00	767+0.000	364.965	365.287	-0.323	4.000	364.885	-2.00	4.906	365.488	66.67
-4.057	365.172	66.67	-4.000	365.134	-2.00	768+0.000	365.214	365.348	-0.134	4.000	365.134	-2.00	4.636	365.558	66.67
-4.202	365.080	-150.00	-4.000	365.383	-2.00	769+0.000	365.463	365.305	0.159	4.000	365.383	-2.00	4.232	365.538	66.67
-4.373	364.976	-150.00	-4.000	365.536	-2.00	770+0.000	365.616	365.210	0.406	4.000	365.536	-2.00	4.070	365.431	-150.00
-4.416	364.684	-150.00	-4.000	365.308	-2.00	771+0.000	365.388	364.949	0.440	4.000	365.308	-2.00	4.077	365.193	-150.00
-4.411	364.371	-150.00	-4.000	364.987	-2.00	772+0.000	365.067	364.635	0.433	4.000	364.987	-2.00	4.072	364.879	-150.00
-4.409	364.053	-150.00	-4.000	364.667	-2.00	773+0.000	364.747	364.299	0.448	4.000	364.667	-2.00	4.117	364.492	-150.00
-4.472	363.638	-150.00	-4.000	364.346	-2.00	774+0.000	364.426	363.817	0.609	4.000	364.346	-2.00	4.221	364.015	-150.00
-4.362	363.482	-150.00	-4.000	364.025	-2.00	775+0.000	364.105	363.638	0.467	4.000	364.025	-2.00	4.159	363.786	-150.00
-4.305	363.363	-150.00	-4.000	363.820	-2.00	776+0.000	363.900	363.495	0.405	4.000	363.820	-2.00	4.119	363.642	-150.00
-4.329	363.307	-150.00	-4.000	363.801	-2.00	777+0.000	363.881	363.427	0.455	4.000	363.801	-2.00	4.173	363.542	-150.00
-4.343	363.278	-150.00	-4.000	363.793	-2.00	778+0.000	363.873	363.378	0.495	4.000	363.793	-2.00	4.212	363.475	-150.00
-4.273	363.381	-150.00	-4.000	363.791	-2.00	779+0.000	363.871	363.483	0.388	4.000	363.791	-2.00	4.140	363.581	-150.00
-4.239	363.582	-150.00	-4.000	363.940	-2.00	780+0.000	364.020	363.664	0.356	4.000	363.940	-2.00	4.131	363.744	-150.00
-4.225	363.783	-150.00	-4.000	364.120	-2.00	781+0.000	364.200	363.872	0.328	4.000	364.120	-2.00	4.109	363.956	-150.00
-4.241	363.939	-150.00	-4.000	364.300	-2.00	782+0.000	364.380	363.997	0.383	4.000	364.300	-2.00	4.146	364.081	-150.00
-4.271	364.014	-150.00	-4.000	364.420	-2.00	783+0.000	364.500	364.088	0.412	4.000	364.420	-2.00	4.173	364.161	-150.00
-4.258	363.955	-150.00	-4.000	364.342	-2.00	784+0.000	364.422	364.027	0.395	4.000	364.342	-2.00	4.177	364.077	-150.00
-4.284	364.114	-150.00	-4.000	364.540	-2.00	785+0.000	364.620	364.180	0.440	4.000	364.540	-2.00	4.197	364.245	-150.00
-4.547	364.386	-150.00	-4.000	365.206	-2.00	786+0.000	365.286	364.441	0.846	4.000	365.206	-2.00	4.475	364.494	-150.00
-4.743	364.792	-150.00	-4.000	365.907	-2.00	787+0.000	365.987	364.872	1.115	4.000	365.907	-2.00	4.638	364.950	-150.00
-4.666	365.609	-150.00	-4.000	366.607	-2.00	788+0.000	366.687	365.652	1.035	4.000	366.607	-2.00	4.609	365.694	-150.00
-4.521	366.526	-150.00	-4.000	367.307	-2.00	789+0.000	367.387	366.603	0.785	4.000	367.307	-2.00	4.419	366.679	-150.00
-4.317	367.532	-150.00	-4.000	368.008	-2.00	790+0.000	368.088	367.605	0.483	4.000	368.008	-2.00	4.238	367.651	-150.00
-4.202	368.404	-150.00	-4.000	368.708	-2.00	791+0.000	368.788	368.459	0.329	4.000	368.708	-2.00	4.130	368.513	-150.00
-4.018	369.118	-150.00	-4.000	369.144	-2.00	792+0.000	369.224	369.170	0.054	4.000	369.144	-2.00	4.120	369.224	66.67
-4.161	369.099	-150.00	-4.000	369.341	-2.00	793+0.000	369.421	369.170	0.251	4.000	369.341	-2.00	4.057	369.255	-150.00
-4.303	368.945	-150.00	-4.000	369.400	-2.00	794+0.000	369.480	369.031	0.449	4.000	369.400	-2.00	4.190	369.115	-150.00
-4.256	368.605	-150.00	-4.000	368.989	-2.00	795+0.000	369.069	368.656	0.413	4.000	368.989	-2.00	4.175	368.726	-150.00
-4.257	368.192	-150.00	-4.000	368.578	-2.00	796+0.000	368.658	368.251	0.407	4.000	368.578	-2.00	4.185	368.302	-150.00
-4.243	367.805	-150.00	-4.000	368.169	-2.00	797+0.000	368.249	367.827	0.422	4.000	368.169	-2.00	4.252	367.791	-150.00
-4.211	367.538	-150.00	-4.000	367.854	-2.00	798+0.000	367.934	367.508	0.427	4.000	367.854	-2.00	4.254	367.473	-150.00
-4.180	367.395	-150.00	-4.000	367.664	-2.00	799+0.000	367.744	367.376	0.368	4.000	367.664	-2.00	4.209	367.350	-150.00
-4.190	367.347	-150.00	-4.000	367.632	-2.00	800+0.000	367.712	367.324	0.388	4.000	367.632	-2.00	4.218	367.304	-150.00
-4.127	367.408	-150.00	-4.000	367.599	-2.00	801+0.000	367.679	367.382	0.297	4.000	367.599	-2.00	4.162	367.357	-150.00
-4.138	367.359	-150.00	-4.000	367.566	-2.00	802+0.000	367.646	367.342	0.304	4.000	367.566	-2.00	4.160	367.326	-150.00

-4.169	367.281	-150.00	-4.000	367.534	-2.00	803+0.000	367.614	367.221	0.393	4.000	367.534	-2.00	4.249	367.161	-150.00
-4.158	367.345	-150.00	-4.000	367.581	-2.00	804+0.000	367.661	367.281	0.380	4.000	367.581	-2.00	4.239	367.223	-150.00
-4.105	367.593	-150.00	-4.000	367.750	-2.00	805+0.000	367.830	367.502	0.328	4.000	367.750	-2.00	4.205	367.443	-150.00
-4.122	368.124	-150.00	-4.000	368.307	-2.00	806+0.000	368.387	368.064	0.323	4.000	368.307	-2.00	4.201	368.006	-150.00
-4.138	368.658	-150.00	-4.000	368.864	-2.00	807+0.000	368.944	368.587	0.357	4.000	368.864	-2.00	4.233	368.514	-150.00
-4.151	369.193	-150.00	-4.000	369.421	-2.00	808+0.000	369.501	369.122	0.379	4.000	369.421	-2.00	4.248	369.048	-150.00
-4.120	369.797	-150.00	-4.000	369.977	-2.00	809+0.000	370.057	369.705	0.353	4.000	369.977	-2.00	4.246	369.609	-150.00
-4.121	370.322	-150.00	-4.000	370.504	-2.00	810+0.000	370.584	370.235	0.349	4.000	370.504	-2.00	4.239	370.145	-150.00
-4.175	370.673	-150.00	-4.000	370.935	-2.00	811+0.000	371.015	370.640	0.375	4.000	370.935	-2.00	4.220	370.606	-150.00
-4.181	370.832	-150.00	-4.000	371.104	-2.00	812+0.000	371.184	370.799	0.385	4.000	371.104	-2.00	4.235	370.752	-150.00
-4.171	370.981	-150.00	-4.000	371.237	-2.00	813+0.000	371.317	370.926	0.391	4.000	371.237	-2.00	4.249	370.863	-150.00
-4.167	371.074	-150.00	-4.000	371.325	-2.00	814+0.000	371.405	371.013	0.392	4.000	371.325	-2.00	4.250	370.950	-150.00
-4.212	371.029	-150.00	-4.000	371.346	-2.00	815+0.000	371.426	371.000	0.427	4.000	371.346	-2.00	4.251	370.970	-150.00
-4.208	371.026	-150.00	-4.000	371.338	-2.00	816+0.000	371.418	370.989	0.429	4.000	371.338	-2.00	4.258	370.951	-150.00
-4.150	371.104	-150.00	-4.000	371.329	-2.00	817+0.000	371.409	371.082	0.327	4.000	371.329	-2.00	4.179	371.061	-150.00
-4.184	371.044	-150.00	-4.000	371.321	-2.00	818+0.000	371.401	371.030	0.371	4.000	371.321	-2.00	4.203	371.016	-150.00
-4.232	370.895	-150.00	-4.000	371.243	-2.00	819+0.000	371.323	370.892	0.432	4.000	371.243	-2.00	4.245	370.876	-150.00
-4.234	370.526	-150.00	-4.000	370.876	-2.00	820+0.000	370.956	370.509	0.448	4.000	370.876	-2.00	4.276	370.462	-150.00
-4.246	369.917	-150.00	-4.000	370.287	-2.00	821+0.000	370.367	369.883	0.484	4.000	370.287	-2.00	4.292	369.849	-150.00
-4.228	369.149	-150.00	-4.000	369.491	-2.00	822+0.000	369.571	369.117	0.453	4.000	369.491	-2.00	4.271	369.084	-150.00
-4.242	368.332	-150.00	-4.000	368.695	-2.00	823+0.000	368.775	368.306	0.468	4.000	368.695	-2.00	4.276	368.281	-150.00
-4.259	367.511	-150.00	-4.000	367.899	-2.00	824+0.000	367.979	367.504	0.475	4.000	367.899	-2.00	4.268	367.497	-150.00
-4.238	366.746	-150.00	-4.000	367.103	-2.00	825+0.000	367.183	366.725	0.458	4.000	367.103	-2.00	4.259	366.714	-150.00
-4.233	366.338	-150.00	-4.000	366.688	-2.00	826+0.000	366.768	366.323	0.444	4.000	366.688	-2.00	4.226	366.349	-150.00
-4.219	366.112	-150.00	-4.000	366.440	-2.00	827+0.000	366.520	366.123	0.397	4.000	366.440	-2.00	4.204	366.134	-150.00
-4.214	366.100	-150.00	-4.000	366.421	-2.00	828+0.000	366.501	366.101	0.400	4.000	366.421	-2.00	4.208	366.108	-150.00
-4.174	366.081	-150.00	-4.000	366.343	-2.00	829+0.000	366.423	366.084	0.339	4.000	366.343	-2.00	4.158	366.106	-150.00
-4.026	366.128	-150.00	-4.000	366.167	-2.00	830+0.000	366.247	366.156	0.091	4.000	366.167	-2.00	4.026	366.184	66.67
-4.299	366.190	66.67	-4.000	365.991	-2.00	831+0.000	366.071	366.228	-0.157	4.000	365.991	-2.00	4.415	366.267	66.67
-4.633	366.237	66.67	-4.000	365.815	-2.00	832+0.000	365.895	366.281	-0.386	4.000	365.815	-2.00	4.767	366.327	66.67
-4.839	366.199	66.67	-4.000	365.639	-2.00	833+0.000	365.719	366.277	-0.558	4.000	365.639	-2.00	5.081	366.359	66.67
-4.956	366.100	66.67	-4.000	365.463	-2.00	834+0.000	365.543	366.169	-0.626	4.000	365.463	-2.00	5.162	366.238	66.67
-4.739	365.780	66.67	-4.000	365.287	-2.00	835+0.000	365.367	365.907	-0.540	4.000	365.287	-2.00	5.138	366.046	66.67
-4.327	365.329	66.67	-4.000	365.111	-2.00	836+0.000	365.191	365.446	-0.255	4.000	365.111	-2.00	4.718	365.590	66.67
-4.035	364.958	66.67	-4.000	364.935	-2.00	837+0.000	365.015	365.086	-0.071	4.000	364.935	-2.00	4.437	365.227	66.67
-4.088	364.628	-150.00	-4.000	364.759	-2.00	838+0.000	364.839	364.756	0.083	4.000	364.759	-2.00	4.195	364.889	66.67
-4.190	364.298	-150.00	-4.000	364.583	-2.00	839+0.000	364.663	364.442	0.221	4.000	364.583	-2.00	4.017	364.558	-150.00
-4.265	364.009	-150.00	-4.000	364.407	-2.00	840+0.000	364.487	364.174	0.313	4.000	364.407	-2.00	4.077	364.292	-150.00
-4.361	363.689	-150.00	-4.000	364.231	-2.00	841+0.000	364.311	363.903	0.408	4.000	364.231	-2.00	4.094	364.091	-150.00
-4.408	363.529	-150.00	-4.000	364.141	-2.00	842+0.000	364.221	363.767	0.455	4.000	364.141	-2.00	4.106	363.982	-150.00
-4.450	363.392	-150.00	-4.000	364.068	-2.00	843+0.000	364.148	363.632	0.516	4.000	364.068	-2.00	4.141	363.856	-150.00
-4.463	363.300	-150.00	-4.000	363.994	-2.00	844+0.000	364.074	363.562	0.512	4.000	363.994	-2.00	4.126	363.805	-150.00
-4.423	363.286	-150.00	-4.000	363.921	-2.00	845+0.000	364.001	363.534	0.467	4.000	363.921	-2.00	4.105	363.763	-150.00
-4.364	363.302	-150.00	-4.000	363.848	-2.00	846+0.000	363.928	363.530	0.398	4.000	363.848	-2.00	4.070	363.742	-150.00
-4.305	363.317	-150.00	-4.000	363.774	-2.00	847+0.000	363.854	363.522	0.332	4.000	363.774	-2.00	4.040	363.714	-150.00
-4.208	363.388	-150.00	-4.000	363.701	-2.00	848+0.000	363.781	363.589	0.192	4.000	363.701	-2.00	4.044	363.730	66.67
-4.221	363.295	-150.00	-4.000	363.627	-2.00	849+0.000	363.707	363.426	0.281	4.000	363.627	-2.00	4.050	363.552	-150.00
-4.282	363.131	-150.00	-4.000	363.554	-2.00	850+0.000	363.634	363.277	0.356	4.000	363.554	-2.00	4.099	363.405	-150.00
-4.280	363.075	-150.00	-4.000	363.495	-2.00	851+0.000	363.575	363.182	0.394	4.000	363.495	-2.00	4.140	363.285	-150.00
-4.280	363.084	-150.00	-4.000	363.504	-2.00	852+0.000	363.584	363.191	0.394	4.000	363.504	-2.00	4.140	363.294	-150.00
-4.220	363.250	-150.00	-4.000	363.580	-2.00	853+0.000	363.660	363.318	0.342	4.000	363.580	-2.00	4.133	363.380	-150.00
-4.301	363.654	-150.00	-4.000	364.104	-2.00	854+0.000	364.184	363.732	0.452	4.000	364.104	-2.00	4.197	363.808	-150.00
-4.246	364.290	-150.00	-4.000	364.659	-2.00	855+0.000	364.739	364.293	0.446	4.000	364.659	-2.00	4.244	364.292	-150.00
-4.116	365.036	-150.00	-4.000	365.210	-2.00	856+0.000	365.290	364.989	0.301	4.000	365.210	-2.00	4.179	364.942	-150.00
-4.060	365.661	-150.00	-4.000	365.751	-2.00	857+0.000	365.831	365.623	0.208	4.000	365.751	-2.00	4.111	365.585	-150.00
-4.031	366.246	-150.00	-4.000	366.292	-2.00	858+0.000	366.372	366.189	0.184	4.000	366.292	-2.00	4.108	366.130	-150.00
-4.064	366.738	-150.00	-4.000	366.834	-2.00	859+0.000	366.914	366.688	0.226	4.000	366.834	-2.00	4.131	366.637	-150.00
-4.114	367.203	-150.00	-4.000	367.375	-2.00	860+0.000	367.455	367.150	0.305	4.000	367.375	-2.00	4.193	367.086	-150.00
-4.202	367.547	-150.00	-4.000	367.850	-2.00	861+0.000	367.930	367.541	0.389	4.000	367.850	-2.00	4.210	367.535	-150.00
-4.176	367.735	-150.00	-4.000	367.999	-2.00	862+0.000	368.079	367.729	0.350	4.000	367.999	-2.00	4.189	367.716	-150.00
-4.202	367.821	-150.00	-4.000	368.123	-2.00	863+0.000	368.203	367.807	0.396	4.000	368.123	-2.00	4.231	367.777	-150.00
-4.187	367.806	-150.00	-4.000	368.086	-2.00	864+0.000	368.166	367.792	0.373	4.000	368.086	-2.00	4.206	367.776	-150.00
-4.185	367.759	-150.00	-4.000	368.036	-2.00	865+0.000	368.116	367.739	0.377	4.000	368.036	-2.00	4.212	367.719	-150.00
-4.221	367.655	-150.00	-4.000	367.986	-2.00	866+0.000	368.066	367.654	0.412	4.000	367.986	-2.00	4.215	367.664	-150.00
-4.224	367.600	-150.00	-4.000	367.937	-2.00	867+0.000	368.017	367.611	0.406	4.000	367.937	-2.00	4.215	367.614	-150.00
-4.232	367.537	-150.00	-4.000	367.885	-2.00	868+0.000	367.965	367.555	0.410	4.000	367.885	-2.00	4.233	367.535	-150.00
-4.277	367.389	-150.00	-4.000	367.805	-2.00	869+0.000	367.885	367.374	0.511	4.000	367.805	-2.00	4.299	367.357	-150.00
-4.343	367.212	-150.00	-4.000	367.726	-2.00	870+0.000	367.806	367.221	0.585	4.000	367.726	-2.00	4.323	367.242	-150.00
-4.276	367.233	-150.00	-4.000	367.647	-2.00	871+0.000	367.727	367.258	0.469	4.000	367.647	-2.00	4.243	367.283	-150.00
-4.228	367.257	-150.00	-4.000	367.599	-2.00	872+0.000	367.679	367.296	0.383	4.000	367.599	-2.00	4.171	367.343	-150.00
-4.234	367.338	-150.00	-4.000	367.689	-2.00	873+0.000	367.769	367.412	0.357	4.000	367.689	-2.00	4.143	367.475	-150.00
-4.286	367.349	-150.00	-4.000	367.779	-2.00	874+0.000	367.859	367.424	0.434	4.000	367.779	-2.00	4.172	367.521	-150.00
-4.280	367.449	-150.00	-4.000	367.868	-2.00	875+0.000	367.948	367.555	0.394	4.000	367.868	-2.00	4.145	367.651	-150.00
-4.280	367.490	-150.00	-4.000	367.910	-2.00	876+0.000	367.990	367.601	0.389	4.000	367.910	-2.00	4.134	367.709	-150.00
-4.264	367.513	-150.00	-4.000	367.908	-2.00	877+0.000	367.988	367.635	0.354	4.000	367.908	-2.00	4.108	367.746	-150.00
-4.291	367.471	-150.00	-4.000	367.907	-2.00	878+0.000	367.987	367.601	0.385	4.000	367.907	-2.00	4.120	367.726	-150.00
-4.316	367.403	-150.00	-4.000	367.876	-2.00	879+0.000	367.956	367.528	0.428	4.000	367.876	-2.00	4.163	367.632	-150.00
-4.487	367.053	-150.00	-4.000	367.784	-2.00	880+0.000	367.864	367.147	0.717	4.000	367.784	-2.00	4.333	367.285	-150.00
-4.688	366.660	-150.00	-4.000	367.691	-2.00	881+0.000	367.771	366.746	1.026	4.000	367.691	-2.00	4.566	366.842	-150.00
-4.898	366.251	-150.00	-4.000	367.599	-2.00	882+0.000	367.679	366.370	1.309	4.000	367.599	-2.00	4.742	366.485	-150.00
-5.005	365.998	-150.00	-4.000	367.506	-2.00	883+0.000	367.586	366.088	1.498	4.000	367.506	-2.00	4.887	366.176	-150.00

Secretaria de Obras

-5.017	365.888	-150.00	-4.000	367.414	-2.00	884+0.000	367.494	365.985	1.509	4.000	367.414	-2.00	4.894	366.073	-150.00
-5.051	365.745	-150.00	-4.000	367.321	-2.00	885+0.000	367.401	365.843	1.558	4.000	367.321	-2.00	4.878	366.004	-150.00
-5.049	365.656	-150.00	-4.000	367.229	-2.00	886+0.000	367.309	365.810	1.499	4.000	367.229	-2.00	4.833	365.979	-150.00
-4.814	365.916	-150.00	-4.000	367.136	-2.00	887+0.000	367.216	366.039	1.177	4.000	367.136	-2.00	4.647	366.166	-150.00
-4.607	366.134	-150.00	-4.000	367.044	-2.00	888+0.000	367.124	366.257	0.867	4.000	367.044	-2.00	4.446	366.375	-150.00
-4.395	366.359	-150.00	-4.000	366.951	-2.00	889+0.000	367.031	366.464	0.567	4.000	366.951	-2.00	4.254	366.570	-150.00
-4.226	366.518	-150.00	-4.000	366.857	-2.00	890+0.000	366.937	366.529	0.408	4.000	366.857	-2.00	4.236	366.503	-150.00
-4.189	366.470	-150.00	-4.000	366.753	-2.00	891+0.000	366.833	366.431	0.403	4.000	366.753	-2.00	4.235	366.401	-150.00
-4.185	366.473	-150.00	-4.000	366.750	-2.00	892+0.000	366.830	366.433	0.397	4.000	366.750	-2.00	4.238	366.393	-150.00
-4.196	366.461	-150.00	-4.000	366.754	-2.00	893+0.000	366.834	366.435	0.399	4.000	366.754	-2.00	4.232	366.406	-150.00
-4.202	366.455	-150.00	-4.000	366.759	-2.00	894+0.000	366.839	366.431	0.408	4.000	366.759	-2.00	4.236	366.405	-150.00
-4.226	366.423	-150.00	-4.000	366.763	-2.00	895+0.000	366.843	366.425	0.418	4.000	366.763	-2.00	4.239	366.405	-150.00
-4.274	366.215	-150.00	-4.000	366.626	-2.00	896+0.000	366.706	366.252	0.453	4.000	366.626	-2.00	4.224	366.289	-150.00
-4.285	366.043	-150.00	-4.000	366.470	-2.00	897+0.000	366.550	366.119	0.431	4.000	366.470	-2.00	4.184	366.194	-150.00
-4.291	365.879	-150.00	-4.000	366.315	-2.00	898+0.000	366.395	366.030	0.365	4.000	366.315	-2.00	4.094	366.174	-150.00
-4.347	365.638	-150.00	-4.000	366.160	-2.00	899+0.000	366.240	365.812	0.427	4.000	366.160	-2.00	4.122	365.977	-150.00
-4.360	365.465	-150.00	-4.000	366.004	-2.00	900+0.000	366.084	365.670	0.414	4.000	366.004	-2.00	4.113	365.834	-150.00
-4.382	365.173	-150.00	-4.000	365.746	-2.00	901+0.000	365.826	365.394	0.433	4.000	365.746	-2.00	4.098	365.600	-150.00
-4.372	364.901	-150.00	-4.000	365.458	-2.00	902+0.000	365.538	365.120	0.418	4.000	365.458	-2.00	4.087	365.328	-150.00
-4.371	364.737	-150.00	-4.000	365.294	-2.00	903+0.000	365.374	364.972	0.402	4.000	365.294	-2.00	4.101	365.143	-150.00
-4.393	364.752	-150.00	-4.000	365.342	-2.00	904+0.000	365.422	364.960	0.462	4.000	365.342	-2.00	4.139	365.133	-150.00
-4.360	364.851	-150.00	-4.000	365.390	-2.00	905+0.000	365.470	364.893	0.577	4.000	365.390	-2.00	4.247	365.020	-150.00
-4.255	365.056	-150.00	-4.000	365.439	-2.00	906+0.000	365.519	365.105	0.414	4.000	365.439	-2.00	4.191	365.153	-150.00
-4.235	365.266	-150.00	-4.000	365.619	-2.00	907+0.000	365.699	365.335	0.364	4.000	365.619	-2.00	4.139	365.410	-150.00
-4.227	365.642	-150.00	-4.000	365.982	-2.00	908+0.000	366.062	365.704	0.358	4.000	365.982	-2.00	4.146	365.763	-150.00
-4.226	366.026	-150.00	-4.000	366.365	-2.00	909+0.000	366.445	366.082	0.364	4.000	366.365	-2.00	4.164	366.120	-150.00
-4.169	366.362	-150.00	-4.000	366.615	-2.00	910+0.000	366.695	366.364	0.331	4.000	366.615	-2.00	4.157	366.380	-150.00
-4.016	366.607	-150.00	-4.000	366.632	-2.00	911+0.000	366.712	366.638	0.074	4.000	366.632	-2.00	4.013	366.641	66.67
-4.110	366.575	66.67	-4.000	366.502	-2.00	912+0.000	366.582	366.556	0.026	4.000	366.502	-2.00	4.053	366.537	66.67
-4.009	366.356	-150.00	-4.000	366.369	-2.00	913+0.000	366.449	366.336	0.113	4.000	366.369	-2.00	4.035	366.318	-150.00
-4.059	366.149	-150.00	-4.000	366.237	-2.00	914+0.000	366.317	366.117	0.200	4.000	366.237	-2.00	4.125	366.049	-150.00
-4.199	365.806	-150.00	-4.000	366.105	-2.00	915+0.000	366.185	365.727	0.458	4.000	366.105	-2.00	4.299	365.657	-150.00
-4.329	365.480	-150.00	-4.000	365.972	-2.00	916+0.000	366.052	365.398	0.654	4.000	365.972	-2.00	4.439	365.314	-150.00
-4.384	365.264	-150.00	-4.000	365.840	-2.00	917+0.000	365.920	365.204	0.716	4.000	365.840	-2.00	4.443	365.175	-150.00
-4.253	365.329	-150.00	-4.000	365.708	-2.00	918+0.000	365.788	365.274	0.513	4.000	365.708	-2.00	4.328	365.215	-150.00
-4.178	365.395	-150.00	-4.000	365.662	-2.00	919+0.000	365.742	365.366	0.376	4.000	365.662	-2.00	4.225	365.325	-150.00
-4.188	365.637	-150.00	-4.000	365.919	-2.00	920+0.000	365.999	365.627	0.372	4.000	365.919	-2.00	4.228	365.577	-150.00
-4.189	365.899	-150.00	-4.000	366.183	-2.00	921+0.000	366.263	365.876	0.386	4.000	366.183	-2.00	4.223	365.849	-150.00
-4.171	366.190	-150.00	-4.000	366.446	-2.00	922+0.000	366.526	366.151	0.375	4.000	366.446	-2.00	4.218	366.120	-150.00
-4.178	366.443	-150.00	-4.000	366.710	-2.00	923+0.000	366.790	366.415	0.375	4.000	366.710	-2.00	4.216	366.387	-150.00
-4.205	366.545	-150.00	-4.000	366.852	-2.00	924+0.000	366.932	366.556	0.376	4.000	366.852	-2.00	4.163	366.607	-150.00
-4.184	366.667	-150.00	-4.000	366.942	-2.00	925+0.000	367.022	366.681	0.341	4.000	366.942	-2.00	4.136	366.739	-150.00
-4.213	366.713	-150.00	-4.000	367.032	-2.00	926+0.000	367.112	366.762	0.350	4.000	367.032	-2.00	4.128	366.840	-150.00
-4.247	366.752	-150.00	-4.000	367.122	-2.00	927+0.000	367.202	366.817	0.386	4.000	367.122	-2.00	4.152	366.894	-150.00
-4.268	366.763	-150.00	-4.000	367.165	-2.00	928+0.000	367.245	366.843	0.402	4.000	367.165	-2.00	4.164	366.918	-150.00
-4.252	366.740	-150.00	-4.000	367.118	-2.00	929+0.000	367.198	366.820	0.378	4.000	367.118	-2.00	4.147	366.897	-150.00
-4.270	366.662	-150.00	-4.000	367.067	-2.00	930+0.000	367.147	366.716	0.432	4.000	367.067	-2.00	4.197	366.772	-150.00
-4.238	366.659	-150.00	-4.000	367.017	-2.00	931+0.000	367.097	366.677	0.420	4.000	367.017	-2.00	4.215	366.694	-150.00
-4.196	366.562	-150.00	-4.000	366.856	-2.00	932+0.000	366.936	366.549	0.388	4.000	366.856	-2.00	4.214	366.535	-150.00
-4.154	366.306	-150.00	-4.000	366.537	-2.00	933+0.000	366.617	366.323	0.294	4.000	366.537	-2.00	4.132	366.340	-150.00
-4.177	365.953	-150.00	-4.000	366.219	-2.00	934+0.000	366.299	365.958	0.341	4.000	366.219	-2.00	4.171	365.962	-150.00
-4.227	365.560	-150.00	-4.000	365.900	-2.00	935+0.000	365.980	365.564	0.416	4.000	365.900	-2.00	4.221	365.569	-150.00
-4.213	365.321	-150.00	-4.000	365.640	-2.00	936+0.000	365.720	365.311	0.409	4.000	365.640	-2.00	4.234	365.288	-150.00
-4.201	365.127	-150.00	-4.000	365.428	-2.00	937+0.000	365.508	365.104	0.403	4.000	365.428	-2.00	4.219	365.100	-150.00
-4.147	365.135	-150.00	-4.000	365.356	-2.00	938+0.000	365.436	365.170	0.265	4.000	365.356	-2.00	4.100	365.205	-150.00
-4.043	365.229	-150.00	-4.000	365.294	-2.00	939+0.000	365.374	365.263	0.111	4.000	365.294	-2.00	4.005	365.297	66.67
-4.149	365.331	66.67	-4.000	365.232	-2.00	940+0.000	365.312	365.397	-0.085	4.000	365.232	-2.00	4.337	365.457	66.67
-4.361	365.410	66.67	-4.000	365.170	-2.00	941+0.000	365.250	365.479	-0.230	4.000	365.170	-2.00	4.573	365.551	66.67
-4.504	365.444	66.67	-4.000	365.108	-2.00	942+0.000	365.188	365.515	-0.327	4.000	365.108	-2.00	4.693	365.570	66.67
-4.423	365.327	66.67	-4.000	365.046	-2.00	943+0.000	365.126	365.406	-0.280	4.000	365.046	-2.00	4.663	365.488	66.67
-4.221	365.131	66.67	-4.000	364.984	-2.00	944+0.000	365.064	365.122	-0.059	4.000	364.984	-2.00	4.196	365.114	66.67
-4.226	364.408	-150.00	-4.000	364.746	-2.00	945+0.000	364.826	364.446	0.380	4.000	364.746	-2.00	4.175	364.484	-150.00
-4.305	363.673	-150.00	-4.000	364.130	-2.00	946+0.000	364.210	363.684	0.526	4.000	364.130	-2.00	4.290	363.695	-150.00
-4.435	362.794	-150.00	-4.000	363.446	-2.00	947+0.000	363.526	362.814	0.711	4.000	363.446	-2.00	4.407	362.835	-150.00
-4.571	361.905	-150.00	-4.000	362.761	-2.00	948+0.000	362.841	361.936	0.906	4.000	362.761	-2.00	4.513	361.991	-150.00
-4.568	361.225	-150.00	-4.000	362.077	-2.00	949+0.000	362.157	361.252	0.904	4.000	362.077	-2.00	4.531	361.280	-150.00
-4.518	360.615	-150.00	-4.000	361.392	-2.00	950+0.000	361.472	360.642	0.830	4.000	361.392	-2.00	4.470	360.687	-150.00
-4.464	360.012	-150.00	-4.000	360.708	-2.00	951+0.000	360.788	360.127	0.661	4.000	360.708	-2.00	4.313	360.238	-150.00
-4.431	359.376	-150.00	-4.000	360.023	-2.00	952+0.000	360.103	359.490	0.613	4.000	360.023	-2.00	4.282	359.601	-150.00
-4.393	358.750	-150.00	-4.000	359.339	-2.00	953+0.000	359.419	358.860	0.558	4.000	359.339	-2.00	4.249	358.965	-150.00
-4.339	358.146	-150.00	-4.000	358.654	-2.00	954+0.000	358.734	358.247	0.487	4.000	358.654	-2.00	4.210	358.339	-150.00
-4.272	357.679	-150.00	-4.000	358.088	-2.00	955+0.000	358.168	357.722	0.446	4.000	358.088	-2.00	4.221	357.757	-150.00
-4.457	357.329	-150.00	-4.000	358.014	-2.00	956+0.000	358.094	357.358	0.736	4.000	358.014	-2.00	4.418	357.387	-150.00
-4.395	357.349	-150.00	-4.000	357.941	-2.00	957+0.000	358.021	357.350	0.672	4.000	357.941	-2.00	4.400	357.341	-150.00
-4.251	357.492	-150.00	-4.000	357.868	-2.00	958+0.000	357.948	357.475	0.473	4.000	357.868	-2.00	4.273	357.458	-150.00
-4.035	357.818	66.67	-4.000	357.795	-2.00	959+0.000	357.875	357.802	0.073	4.000	357.795	-2.00	4.006	357.786	-150.00
-4.742	358.217	66.67	-4.000	357.722	-2.00	960+0.000	357.802	358.162	-0.360	4.000	357.722	-2.00	4.584	358.112	66.67
-5.443	358.611	66.67	-4.000	357.649	-2.00	961+0.000	357.729	358.551	-0.822	4.000	357.649	-2.00	5.265	358.493	66.67
-5.701	358.710	66.67	-4.000	357.576	-2.00	962+0.000	357.656	358.597	-0.940	4.000	357.576	-2.00	5.505	358.579	66.67
-5.826	358.720	66.67	-4.000	357.503	-2.00	963+0.000	357.583	358.641	-1.058	4.000	357.503	-2.00	5.594	358.565	66.67
-5.432	358.384	66.67	-4.000	357.430	-2.00	964+0.000	357.510	358.306	-0.796	4.000	357.430	-2.00	5.207	358.235	66.67

-4.811	357.897	66.67	-4.000	357.357	-2.00	965+0.000	357.437	357.938	-0.501	4.000	357.357	-2.00	4.908	357.962	66.67
-4.216	357.428	66.67	-4.000	357.284	-2.00	966+0.000	357.364	357.463	-0.099	4.000	357.284	-2.00	4.323	357.499	66.67
-4.031	357.164	-150.00	-4.000	357.211	-2.00	967+0.000	357.291	357.203	0.088	4.000	357.211	-2.00	4.023	357.226	66.67
-4.149	356.914	-150.00	-4.000	357.138	-2.00	968+0.000	357.218	356.947	0.271	4.000	357.138	-2.00	4.105	356.980	-150.00
-4.223	356.730	-150.00	-4.000	357.065	-2.00	969+0.000	357.145	356.768	0.377	4.000	357.065	-2.00	4.179	356.797	-150.00
-4.238	356.690	-150.00	-4.000	357.047	-2.00	970+0.000	357.127	356.743	0.384	4.000	357.047	-2.00	4.167	356.797	-150.00
-4.247	356.710	-150.00	-4.000	357.081	-2.00	971+0.000	357.161	356.769	0.392	4.000	357.081	-2.00	4.169	356.826	-150.00
-4.236	356.760	-150.00	-4.000	357.114	-2.00	972+0.000	357.194	356.778	0.416	4.000	357.114	-2.00	4.212	356.796	-150.00
-4.258	356.689	-150.00	-4.000	357.076	-2.00	973+0.000	357.156	356.734	0.422	4.000	357.076	-2.00	4.198	356.778	-150.00
-4.234	356.524	-150.00	-4.000	356.875	-2.00	974+0.000	356.955	356.455	0.500	4.000	356.875	-2.00	4.377	356.309	-150.00
-4.187	355.844	-150.00	-4.000	356.124	-2.00	975+0.000	356.204	355.724	0.480	4.000	356.124	-2.00	4.348	355.603	-150.00
-4.183	355.035	-150.00	-4.000	355.310	-2.00	976+0.000	355.390	354.930	0.460	4.000	355.310	-2.00	4.336	354.806	-150.00
-4.309	354.020	-150.00	-4.000	354.483	-2.00	977+0.000	354.563	353.965	0.599	4.000	354.483	-2.00	4.381	353.912	-150.00
-4.324	353.171	-150.00	-4.000	353.657	-2.00	978+0.000	353.737	353.088	0.649	4.000	353.657	-2.00	4.428	353.015	-150.00
-4.232	352.483	-150.00	-4.000	352.831	-2.00	979+0.000	352.911	352.403	0.508	4.000	352.831	-2.00	4.340	352.320	-150.00
-4.231	351.898	-150.00	-4.000	352.244	-2.00	980+0.000	352.324	351.937	0.387	4.000	352.244	-2.00	4.218	351.917	-150.00
-4.249	351.703	-150.00	-4.000	352.076	-2.00	981+0.000	352.156	351.759	0.397	4.000	352.076	-2.00	4.185	351.798	-150.00
-4.186	351.720	-150.00	-4.000	351.999	-2.00	982+0.000	352.079	351.724	0.355	4.000	351.999	-2.00	4.172	351.740	-150.00
-4.306	351.919	-150.00	-4.000	352.379	-2.00	983+0.000	352.459	352.091	0.368	4.000	352.379	-2.00	4.083	352.254	-150.00
-4.349	352.510	-150.00	-4.000	353.034	-2.00	984+0.000	353.114	352.718	0.395	4.000	353.034	-2.00	4.096	352.889	-150.00
-4.363	353.130	-150.00	-4.000	353.674	-2.00	985+0.000	353.754	353.322	0.432	4.000	353.674	-2.00	4.114	353.503	-150.00
-4.123	353.972	-150.00	-4.000	354.157	-2.00	986+0.000	354.237	354.150	0.087	4.000	354.157	-2.00	4.271	354.338	66.67
-4.465	354.925	66.67	-4.000	354.615	-2.00	987+0.000	354.695	355.087	-0.392	4.000	354.615	-2.00	4.904	355.218	66.67
-5.188	355.864	66.67	-4.000	355.073	-2.00	988+0.000	355.153	356.003	-0.850	4.000	355.073	-2.00	5.620	356.153	66.67
-5.554	356.566	66.67	-4.000	355.530	-2.00	989+0.000	355.610	356.724	-1.114	4.000	355.530	-2.00	6.081	356.918	66.67
-5.865	357.231	66.67	-4.000	355.988	-2.00	990+0.000	356.068	357.418	-1.350	4.000	355.988	-2.00	6.442	357.616	66.67
-5.917	357.724	66.67	-4.000	356.446	-2.00	991+0.000	356.526	357.861	-1.335	4.000	356.446	-2.00	6.234	357.935	66.67
-5.408	357.842	66.67	-4.000	356.903	-2.00	992+0.000	356.983	357.960	-0.977	4.000	356.903	-2.00	5.791	358.097	66.67
-4.504	357.697	66.67	-4.000	357.361	-2.00	993+0.000	357.441	357.787	-0.346	4.000	357.361	-2.00	4.785	357.884	66.67
-4.020	357.832	66.67	-4.000	357.819	-2.00	994+0.000	357.899	357.879	0.020	4.000	357.819	-2.00	4.173	357.934	66.67
-4.145	358.059	-150.00	-4.000	358.276	-2.00	995+0.000	358.356	358.107	0.249	4.000	358.276	-2.00	4.070	358.172	-150.00
-4.308	358.230	-150.00	-4.000	358.691	-2.00	996+0.000	358.771	358.444	0.327	4.000	358.691	-2.00	4.067	358.591	-150.00
-4.352	358.377	-150.00	-4.000	358.906	-2.00	997+0.000	358.986	358.597	0.389	4.000	358.906	-2.00	4.069	358.802	-150.00
-4.350	358.476	-150.00	-4.000	359.001	-2.00	998+0.000	359.081	358.694	0.387	4.000	359.001	-2.00	4.112	358.833	-150.00
-4.346	358.577	-150.00	-4.000	359.096	-2.00	999+0.000	359.176	358.726	0.450	4.000	359.096	-2.00	4.153	358.866	-150.00
-4.363	358.646	-150.00	-4.000	359.191	-2.00	1000+0.000	359.271	358.788	0.483	4.000	359.191	-2.00	4.173	358.931	-150.00
-4.307	358.825	-150.00	-4.000	359.286	-2.00	1001+0.000	359.366	358.962	0.404	4.000	359.286	-2.00	4.128	359.094	-150.00
-4.230	359.153	-150.00	-4.000	359.498	-2.00	1002+0.000	359.578	359.253	0.325	4.000	359.498	-2.00	4.122	359.315	-150.00
-4.213	359.647	-150.00	-4.000	359.966	-2.00	1003+0.000	360.046	359.710	0.336	4.000	359.966	-2.00	4.130	359.771	-150.00
-4.180	360.164	-150.00	-4.000	360.434	-2.00	1004+0.000	360.514	360.228	0.286	4.000	360.434	-2.00	4.102	360.281	-150.00
-4.165	360.654	-150.00	-4.000	360.902	-2.00	1005+0.000	360.982	360.747	0.235	4.000	360.902	-2.00	4.054	360.821	-150.00
-4.251	360.950	-150.00	-4.000	361.327	-2.00	1006+0.000	361.407	361.046	0.361	4.000	361.327	-2.00	4.146	361.108	-150.00
-4.277	361.142	-150.00	-4.000	361.558	-2.00	1007+0.000	361.638	361.246	0.392	4.000	361.558	-2.00	4.162	361.315	-150.00
-4.289	361.179	-150.00	-4.000	361.613	-2.00	1008+0.000	361.693	361.297	0.396	4.000	361.613	-2.00	4.134	361.411	-150.00
-4.291	361.210	-150.00	-4.000	361.646	-2.00	1009+0.000	361.726	361.329	0.397	4.000	361.646	-2.00	4.134	361.444	-150.00
-4.299	361.226	-150.00	-4.000	361.675	-2.00	1010+0.000	361.755	361.355	0.400	4.000	361.675	-2.00	4.145	361.458	-150.00
-4.283	361.139	-150.00	-4.000	361.563	-2.00	1011+0.000	361.643	361.256	0.387	4.000	361.563	-2.00	4.129	361.369	-150.00
-4.280	361.009	-150.00	-4.000	361.428	-2.00	1012+0.000	361.508	361.133	0.375	4.000	361.428	-2.00	4.117	361.253	-150.00
-4.304	360.838	-150.00	-4.000	361.293	-2.00	1013+0.000	361.373	360.957	0.416	4.000	361.293	-2.00	4.144	361.077	-150.00
-4.305	360.626	-150.00	-4.000	361.083	-2.00	1014+0.000	361.163	360.737	0.427	4.000	361.083	-2.00	4.163	360.839	-150.00
-4.290	360.359	-150.00	-4.000	360.794	-2.00	1015+0.000	360.874	360.468	0.406	4.000	360.794	-2.00	4.150	360.569	-150.00
-4.364	359.957	-150.00	-4.000	360.503	-2.00	1016+0.000	360.583	360.057	0.526	4.000	360.503	-2.00	4.219	360.175	-150.00
-4.488	359.480	-150.00	-4.000	360.213	-2.00	1017+0.000	360.293	359.606	0.687	4.000	360.213	-2.00	4.323	359.729	-150.00
-4.735	358.820	-150.00	-4.000	359.923	-2.00	1018+0.000	360.003	358.986	1.017	4.000	359.923	-2.00	4.519	359.144	-150.00
-4.884	358.307	-150.00	-4.000	359.632	-2.00	1019+0.000	359.712	358.426	1.287	4.000	359.632	-2.00	4.699	358.584	-150.00
-4.955	357.910	-150.00	-4.000	359.342	-2.00	1020+0.000	359.422	357.981	1.441	4.000	359.342	-2.00	4.859	358.054	-150.00
-5.158	357.315	-150.00	-4.000	359.052	-2.00	1021+0.000	359.132	357.413	1.719	4.000	359.052	-2.00	4.994	357.561	-150.00
-5.235	356.910	-150.00	-4.000	358.761	-2.00	1022+0.000	358.841	356.996	1.846	4.000	358.761	-2.00	5.112	357.094	-150.00
-4.998	356.974	-150.00	-4.000	358.471	-2.00	1023+0.000	358.551	357.015	1.536	4.000	358.471	-2.00	4.932	357.074	-150.00
-4.763	357.036	-150.00	-4.000	358.181	-2.00	1024+0.000	358.261	357.076	1.185	4.000	358.181	-2.00	4.711	357.115	-150.00
-4.530	357.096	-150.00	-4.000	357.891	-2.00	1025+0.000	357.971	357.122	0.849	4.000	357.891	-2.00	4.498	357.143	-150.00
-4.361	357.059	-150.00	-4.000	357.600	-2.00	1026+0.000	357.680	357.061	0.619	4.000	357.600	-2.00	4.346	357.081	-150.00
-4.233	356.961	-150.00	-4.000	357.310	-2.00	1027+0.000	357.390	356.990	0.400	4.000	357.310	-2.00	4.199	357.011	-150.00
-4.255	356.638	-150.00	-4.000	357.020	-2.00	1028+0.000	357.100	356.666	0.433	4.000	357.020	-2.00	4.239	356.662	-150.00
-4.216	356.178	-150.00	-4.000	356.502	-2.00	1029+0.000	356.582	356.097	0.485	4.000	356.502	-2.00	4.289	356.068	-150.00
-4.166	355.454	-150.00	-4.000	355.704	-2.00	1030+0.000	355.784	355.375	0.409	4.000	355.704	-2.00	4.274	355.293	-150.00
-4.240	354.585	-150.00	-4.000	354.946	-2.00	1031+0.000	355.026	354.523	0.503	4.000	354.946	-2.00	4.325	354.459	-150.00
-4.341	353.706	-150.00	-4.000	354.217	-2.00	1032+0.000	354.297	353.606	0.692	4.000	354.217	-2.00	4.465	353.521	-150.00
-4.498	352.742	-150.00	-4.000	353.489	-2.00	1033+0.000	353.569	352.656	0.913	4.000	353.489	-2.00	4.614	352.568	-150.00
-4.607	351.851	-150.00	-4.000	352.760	-2.00	1034+0.000	352.840	351.738	1.103	4.000	352.760	-2.00	4.759	351.621	-150.00
-4.659	351.043	-150.00	-4.000	352.032	-2.00	1035+0.000	352.112	350.947	1.165	4.000	352.032	-2.00	4.790	350.847	-150.00
-4.525	350.516	-150.00	-4.000	351.303	-2.00	1036+0.000	351.383	350.476	0.907	4.000	351.303	-2.00	4.581	350.431	-150.00
-4.332	350.281	-150.00	-4.000	350.780	-2.00	1037+0.000	350.860	350.243	0.617	4.000	350.780	-2.00	4.384	350.205	-150.00
-4.097	350.570	-150.00	-4.000	350.717	-2.00	1038+0.000	350.797	350.477	0.320	4.000	350.717	-2.00	4.224	350.380	-150.00
-4.146	350.895	-150.00	-4.000	351.114	-2.00	1039+0.000	351.194	350.867	0.327	4.000	351.114	-2.00	4.151	350.887	-150.00
-4.158	351.568	-150.00	-4.000	351.805	-2.00	1040+0.000	351.885	351.570	0.315	4.000	351.805	-2.00	4.155	351.572	-150.00
-4.100	352.307	-150.00	-4.000	352.456	-2.00	1041+0.000	352.536	352.315	0.221	4.000	352.456	-2.00	4.088	352.323	-150.00
-4.068	353.140	66.67	-4.000	353.094	-2.00	1042+0.000	353.174	353.128	0.047	4.000	353.094	-2.00	4.059	353.133	66.67
-4.320	353.946	66.67	-4.000	353.733	-2.00	1043+0.000	353.813	353.934	-0.121	4.000	353.733	-2.00	4.278	353.918	66.67
-4.547	354.736	66.67	-4.000	354.371	-2.00	1044+0.000	354.451	354.704	-0.253	4.000	354.371	-2.00	4.451	354.672	66.67
-4.657	355.447	66.67	-4.000	355.009	-2.00	1045+0.000	355.089	355.394	-0.305	4.000	355.009	-2.00	4.530	355.362	66.67

-4.709	356.120	66.67	-4.000	355.648	-2.00	1046+0.000	355.728	356.077	-0.350	4.000	355.648	-2.00	4.598	356.047	66.67
-4.716	356.763	66.67	-4.000	356.286	-2.00	1047+0.000	356.366	356.737	-0.371	4.000	356.286	-2.00	4.636	356.710	66.67
-4.606	357.328	66.67	-4.000	356.924	-2.00	1048+0.000	357.004	357.320	-0.315	4.000	356.924	-2.00	4.580	357.311	66.67
-4.471	357.877	66.67	-4.000	357.563	-2.00	1049+0.000	357.643	357.847	-0.205	4.000	357.563	-2.00	4.419	357.842	66.67
-4.248	358.366	66.67	-4.000	358.201	-2.00	1050+0.000	358.281	358.378	-0.097	4.000	358.201	-2.00	4.284	358.390	66.67
-4.062	358.881	66.67	-4.000	358.839	-2.00	1051+0.000	358.919	358.906	0.013	4.000	358.839	-2.00	4.131	358.926	66.67
-4.120	359.297	-150.00	-4.000	359.478	-2.00	1052+0.000	359.558	359.322	0.235	4.000	359.478	-2.00	4.087	359.348	-150.00
-4.066	359.882	-150.00	-4.000	359.981	-2.00	1053+0.000	360.061	359.947	0.113	4.000	359.981	-2.00	4.007	359.985	66.67
-4.617	360.774	66.67	-4.000	360.362	-2.00	1054+0.000	360.442	360.851	-0.408	4.000	360.362	-2.00	4.854	360.931	66.67
-5.309	361.617	66.67	-4.000	360.744	-2.00	1055+0.000	360.824	361.715	-0.891	4.000	360.744	-2.00	5.612	361.819	66.67
-5.971	362.440	66.67	-4.000	361.126	-2.00	1056+0.000	361.206	362.519	-1.313	4.000	361.126	-2.00	6.204	362.595	66.67
-6.077	362.892	66.67	-4.000	361.508	-2.00	1057+0.000	361.588	362.981	-1.393	4.000	361.508	-2.00	6.432	363.129	66.67
-6.042	363.251	66.67	-4.000	361.890	-2.00	1058+0.000	361.970	363.399	-1.429	4.000	361.890	-2.00	6.431	363.511	66.67
-5.572	363.320	66.67	-4.000	362.272	-2.00	1059+0.000	362.352	363.407	-1.055	4.000	362.272	-2.00	5.800	363.471	66.67
-4.995	363.317	66.67	-4.000	362.653	-2.00	1060+0.000	362.733	363.353	-0.620	4.000	362.653	-2.00	5.105	363.390	66.67
-4.418	363.314	66.67	-4.000	363.035	-2.00	1061+0.000	363.115	363.401	-0.286	4.000	363.035	-2.00	4.599	363.435	66.67
-4.072	363.310	-150.00	-4.000	363.417	-2.00	1062+0.000	363.497	363.410	0.087	4.000	363.417	-2.00	4.166	363.528	66.67
-4.278	363.381	-150.00	-4.000	363.799	-2.00	1063+0.000	363.879	363.502	0.377	4.000	363.799	-2.00	4.120	363.618	-150.00
-4.239	363.822	-150.00	-4.000	364.181	-2.00	1064+0.000	364.261	363.893	0.368	4.000	364.181	-2.00	4.146	363.962	-150.00
-4.265	364.245	-150.00	-4.000	364.643	-2.00	1065+0.000	364.723	364.399	0.323	4.000	364.643	-2.00	4.090	364.507	-150.00
-4.233	364.623	-150.00	-4.000	364.972	-2.00	1066+0.000	365.052	364.742	0.310	4.000	364.972	-2.00	4.077	364.857	-150.00
-4.045	364.895	66.67	-4.000	364.864	-2.00	1067+0.000	364.944	365.036	-0.092	4.000	364.864	-2.00	4.494	365.194	66.67
-4.604	364.978	66.67	-4.000	364.575	-2.00	1068+0.000	364.655	365.126	-0.471	4.000	364.575	-2.00	4.812	365.116	66.67
-4.766	364.797	66.67	-4.000	364.286	-2.00	1069+0.000	364.366	364.833	-0.467	4.000	364.286	-2.00	4.792	364.814	66.67
-4.653	364.432	66.67	-4.000	363.997	-2.00	1070+0.000	364.077	364.511	-0.434	4.000	363.997	-2.00	4.843	364.559	66.67
-4.648	364.140	66.67	-4.000	363.708	-2.00	1071+0.000	363.788	364.206	-0.418	4.000	363.708	-2.00	4.850	364.274	66.67
-4.700	363.885	66.67	-4.000	363.418	-2.00	1072+0.000	363.498	363.957	-0.459	4.000	363.418	-2.00	4.922	364.033	66.67
-4.420	363.409	66.67	-4.000	363.129	-2.00	1073+0.000	363.209	363.516	-0.307	4.000	363.129	-2.00	4.752	363.631	66.67
-4.094	362.902	66.67	-4.000	362.840	-2.00	1074+0.000	362.920	363.090	-0.170	4.000	362.840	-2.00	4.635	363.263	66.67
-4.303	362.097	-150.00	-4.000	362.551	-2.00	1075+0.000	362.631	362.360	0.271	4.000	362.551	-2.00	4.089	362.610	66.67
-4.440	361.471	-150.00	-4.000	362.130	-2.00	1076+0.000	362.210	361.745	0.465	4.000	362.130	-2.00	4.102	361.978	-150.00
-4.437	360.725	-150.00	-4.000	361.380	-2.00	1077+0.000	361.460	360.977	0.483	4.000	361.380	-2.00	4.111	361.215	-150.00
-4.431	359.944	-150.00	-4.000	360.590	-2.00	1078+0.000	360.670	360.196	0.474	4.000	360.590	-2.00	4.104	360.433	-150.00
-4.396	359.289	-150.00	-4.000	359.883	-2.00	1079+0.000	359.963	359.503	0.460	4.000	359.883	-2.00	4.139	359.674	-150.00
-4.378	358.655	-150.00	-4.000	359.222	-2.00	1080+0.000	359.302	358.857	0.444	4.000	359.222	-2.00	4.129	359.028	-150.00
-4.299	358.282	-150.00	-4.000	358.730	-2.00	1081+0.000	358.810	358.390	0.420	4.000	358.730	-2.00	4.163	358.485	-150.00
-4.303	358.051	-150.00	-4.000	358.505	-2.00	1082+0.000	358.585	358.164	0.421	4.000	358.505	-2.00	4.164	358.259	-150.00
-4.198	358.059	-150.00	-4.000	358.355	-2.00	1083+0.000	358.435	358.122	0.313	4.000	358.355	-2.00	4.111	358.189	-150.00
-4.198	358.142	-150.00	-4.000	358.439	-2.00	1084+0.000	358.519	358.220	0.299	4.000	358.439	-2.00	4.096	358.296	-150.00
-4.223	358.189	-150.00	-4.000	358.524	-2.00	1085+0.000	358.604	358.304	0.300	4.000	358.524	-2.00	4.096	358.380	-150.00
-4.318	358.109	-150.00	-4.000	358.585	-2.00	1086+0.000	358.665	358.215	0.450	4.000	358.585	-2.00	4.178	358.318	-150.00
-4.348	358.021	-150.00	-4.000	358.544	-2.00	1087+0.000	358.624	358.075	0.549	4.000	358.544	-2.00	4.277	358.127	-150.00
-4.312	358.034	-150.00	-4.000	358.502	-2.00	1088+0.000	358.582	358.034	0.548	4.000	358.502	-2.00	4.312	358.034	-150.00
-4.201	358.175	-150.00	-4.000	358.477	-2.00	1089+0.000	358.557	358.181	0.376	4.000	358.477	-2.00	4.204	358.171	-150.00
-4.189	358.564	-150.00	-4.000	358.847	-2.00	1090+0.000	358.927	358.568	0.359	4.000	358.847	-2.00	4.183	358.572	-150.00
-4.222	358.720	-150.00	-4.000	359.052	-2.00	1091+0.000	359.132	358.723	0.409	4.000	359.052	-2.00	4.217	358.726	-150.00
-4.307	358.379	-150.00	-4.000	358.840	-2.00	1092+0.000	358.920	358.422	0.497	4.000	358.840	-2.00	4.250	358.465	-150.00
-4.387	357.785	-150.00	-4.000	358.365	-2.00	1093+0.000	358.445	357.935	0.510	4.000	358.365	-2.00	4.191	358.079	-150.00
-4.389	357.004	-150.00	-4.000	357.587	-2.00	1094+0.000	357.667	357.075	0.592	4.000	357.587	-2.00	4.246	357.218	-150.00
-4.395	356.216	-150.00	-4.000	356.808	-2.00	1095+0.000	356.888	356.304	0.584	4.000	356.808	-2.00	4.289	356.374	-150.00
-4.422	355.396	-150.00	-4.000	356.030	-2.00	1096+0.000	356.110	355.551	0.559	4.000	356.030	-2.00	4.221	355.698	-150.00
-4.454	354.594	-150.00	-4.000	355.276	-2.00	1097+0.000	355.356	354.818	0.538	4.000	355.276	-2.00	4.166	355.027	-150.00
-4.398	353.942	-150.00	-4.000	354.539	-2.00	1098+0.000	354.619	354.134	0.485	4.000	354.539	-2.00	4.119	354.361	-150.00
-4.263	353.576	-150.00	-4.000	353.971	-2.00	1099+0.000	354.051	353.630	0.421	4.000	353.971	-2.00	4.179	353.702	-150.00
-4.288	353.187	-150.00	-4.000	353.619	-2.00	1100+0.000	353.699	353.242	0.458	4.000	353.619	-2.00	4.216	353.295	-150.00
-4.394	352.644	-150.00	-4.000	353.236	-2.00	1101+0.000	353.316	352.683	0.633	4.000	353.236	-2.00	4.343	352.721	-150.00
-4.206	352.537	-150.00	-4.000	352.847	-2.00	1102+0.000	352.927	352.502	0.425	4.000	352.847	-2.00	4.270	352.442	-150.00
-4.230	351.958	-150.00	-4.000	352.303	-2.00	1103+0.000	352.383	351.922	0.461	4.000	352.303	-2.00	4.278	351.886	-150.00
-4.051	351.769	-150.00	-4.000	351.844	-2.00	1104+0.000	351.924	351.590	0.334	4.000	351.844	-2.00	4.237	351.489	-150.00
-4.581	352.225	66.67	-4.000	351.838	-2.00	1105+0.000	351.918	351.910	0.008	4.000	351.838	-2.00	4.056	351.754	-150.00
-5.126	352.582	66.67	-4.000	351.831	-2.00	1106+0.000	351.911	352.255	-0.343	4.000	351.831	-2.00	4.230	351.985	66.67
-5.609	352.898	66.67	-4.000	351.825	-2.00	1107+0.000	351.905	352.602	-0.697	4.000	351.825	-2.00	4.788	352.350	66.67
-6.048	353.184	66.67	-4.000	351.819	-2.00	1108+0.000	351.899	352.987	-1.088	4.000	351.819	-2.00	5.484	352.808	66.67
-5.999	353.145	66.67	-4.000	351.812	-2.00	1109+0.000	351.892	352.931	-1.039	4.000	351.812	-2.00	5.414	352.755	66.67
-5.936	353.096	66.67	-4.000	351.806	-2.00	1110+0.000	351.886	352.883	-0.997	4.000	351.806	-2.00	5.328	352.691	66.67
-6.065	353.176	66.67	-4.000	351.799	-2.00	1111+0.000	351.879	352.922	-1.042	4.000	351.799	-2.00	5.347	352.697	66.67
-6.017	353.138	66.67	-4.000	351.793	-2.00	1112+0.000	351.873	352.714	-0.842	4.000	351.793	-2.00	4.951	352.426	66.67
-6.206	353.257	66.67	-4.000	351.786	-2.00	1113+0.000	351.866	352.813	-0.947	4.000	351.786	-2.00	5.003	352.455	66.67
-6.170	353.226	66.67	-4.000	351.780	-2.00	1114+0.000	351.860	352.729	-0.869	4.000	351.780	-2.00	4.839	352.339	66.67
-5.621	352.854	66.67	-4.000	351.773	-2.00	1115+0.000	351.853	352.232	-0.379	4.000	351.773	-2.00	4.174	351.889	66.67
-5.282	352.621	66.67	-4.000	351.767	-2.00	1116+0.000	351.847	352.036	-0.189	4.000	351.767	-2.00	4.125	351.579	-150.00
-5.107	352.499	66.67	-4.000	351.760	-2.00	1117+0.000	351.840	351.895	-0.055	4.000	351.760	-2.00	4.245	351.393	-150.00
-4.646	352.185	66.67	-4.000	351.754	-2.00	1118+0.000	351.834	351.613	0.221	4.000	351.754	-2.00	4.459	351.065	-150.00
-4.117	351.754	66.67	-4.000	351.676	-2.00	1119+0.000	351.756	351.313	0.443	4.000	351.676	-2.00	4.633	350.726	-150.00
-4.109	351.163	66.67	-4.000	351.090	-2.00	1120+0.000	351.170	350.685	0.485	4.000	351.090	-2.00	4.629	350.146	-150.00
-4.166	350.454	66.67	-4.000	350.343	-2.00	1121+0.000	350.423	349.976	0.447	4.000	350.343	-2.00	4.598	349.446	-150.00
-4.111	349.671	66.67	-4.000	349.597	-2.00	1122+0.000	349.677	349.201	0.476	4.000	349.597	-2.00	4.617	348.671	-150.00
-4.070	348.809	66.67	-4.000	348.763	-2.00	1123+0.000	348.843	348.327	0.515	4.000	348.763	-2.00	4.672	347.754	-150.00
-4.105	347.786	66.67	-4.000	347.717	-2.00	1124+0.000	347.797	347.242	0.554	4.000	347.717	-2.00	4.735	346.615	-150.00
-4.104	345.972	-150.00	-4.000	346.128	-2.00	1125+0.000	346.208	345.521	0.687	4.000	346.128	-2.00	4.759	344.989	-150.00
-4.145	343.910	-150.00	-4.000	344.127	-2.00	1126+0.000	344.207	343.447	0.760	4.000	344.127	-2.00	4.810	342.912	-150.00

Secretaria de Estado de Infraestrutura e Logística
Superintendência de Projetos
Projetos Viários - Duplicação
Superintendência das Cidades (Secid)

-4.042	342.063	-150.00	-4.000	342.126	-2.00	1127+0.000	342.206	341.612	0.594	4.000	342.126	-2.00	4.591	341.240	-150.00
-4.011	340.742	-150.00	-4.000	340.759	-2.00	1128+0.000	340.839	340.395	0.445	4.000	340.759	-2.00	4.512	339.991	-150.00
-4.471	340.049	-150.00	-4.000	340.755	-2.00	1129+0.000	340.835	339.662	1.173	4.000	340.755	-2.00	5.019	339.227	-150.00
-4.171	341.065	-150.00	-4.000	341.322	-2.00	1130+0.000	341.402	340.583	0.818	4.000	341.322	-2.00	4.894	339.981	-150.00
-4.109	342.010	66.67	-4.000	341.938	-2.00	1131+0.000	342.018	341.664	0.354	4.000	341.938	-2.00	4.431	341.291	-150.00
-4.160	343.068	66.67	-4.000	342.961	-2.00	1132+0.000	343.041	342.737	0.304	4.000	342.961	-2.00	4.373	342.402	-150.00
-4.826	344.526	66.67	-4.000	343.975	-2.00	1133+0.000	344.055	343.939	0.116	4.000	343.975	-2.00	4.266	343.576	-150.00
-6.261	346.484	66.67	-4.000	344.976	-2.00	1134+0.000	345.056	345.749	-0.692	4.000	344.976	-2.00	4.363	345.218	66.67
-6.096	347.375	66.67	-4.000	345.977	-2.00	1135+0.000	346.057	346.716	-0.659	4.000	345.977	-2.00	4.389	346.237	66.67
-5.458	347.951	66.67	-4.000	346.978	-2.00	1136+0.000	347.058	347.408	-0.350	4.000	346.978	-2.00	4.042	347.006	66.67
-4.397	348.244	66.67	-4.000	347.979	-2.00	1137+0.000	348.059	347.804	0.256	4.000	347.979	-2.00	4.466	347.280	-150.00
-4.034	347.867	-150.00	-4.000	347.918	-2.00	1138+0.000	347.998	347.455	0.542	4.000	347.918	-2.00	4.643	346.953	-150.00
-4.151	347.014	-150.00	-4.000	347.240	-2.00	1139+0.000	347.320	346.670	0.650	4.000	347.240	-2.00	4.704	346.184	-150.00
-4.145	344.946	-150.00	-4.000	345.163	-2.00	1140+0.000	345.243	344.602	0.641	4.000	345.163	-2.00	4.674	344.152	-150.00
-4.152	342.715	-150.00	-4.000	342.943	-2.00	1141+0.000	343.023	342.374	0.648	4.000	342.943	-2.00	4.627	342.001	-150.00
-4.164	340.360	-150.00	-4.000	340.606	-2.00	1142+0.000	340.686	340.086	0.599	4.000	340.606	-2.00	4.575	339.744	-150.00
-4.160	338.215	-150.00	-4.000	338.455	-2.00	1143+0.000	338.535	337.940	0.594	4.000	338.455	-2.00	4.532	337.656	-150.00
-4.066	336.934	-150.00	-4.000	337.033	-2.00	1144+0.000	337.113	336.686	0.427	4.000	337.033	-2.00	4.351	336.507	-150.00
-4.126	336.169	-150.00	-4.000	336.358	-2.00	1145+0.000	336.438	336.032	0.406	4.000	336.358	-2.00	4.327	335.868	-150.00
-4.100	336.195	-150.00	-4.000	336.345	-2.00	1146+0.000	336.425	336.055	0.369	4.000	336.345	-2.00	4.251	335.969	-150.00
-4.093	336.570	-150.00	-4.000	336.709	-2.00	1147+0.000	336.789	336.503	0.287	4.000	336.709	-2.00	4.165	336.462	-150.00
-4.170	337.277	-150.00	-4.000	337.531	-2.00	1148+0.000	337.611	337.307	0.304	4.000	337.531	-2.00	4.177	337.266	-150.00
-4.147	338.449	-150.00	-4.000	338.670	-2.00	1149+0.000	338.750	338.486	0.264	4.000	338.670	-2.00	4.083	338.546	-150.00
-4.186	339.624	-150.00	-4.000	339.903	-2.00	1150+0.000	339.983	339.723	0.260	4.000	339.903	-2.00	4.053	339.824	-150.00
-4.221	340.898	-150.00	-4.000	341.229	-2.00	1151+0.000	341.309	341.033	0.276	4.000	341.229	-2.00	4.063	341.134	-150.00
-4.271	341.790	-150.00	-4.000	342.197	-2.00	1152+0.000	342.277	341.943	0.334	4.000	342.197	-2.00	4.085	342.069	-150.00
-4.396	342.181	-150.00	-4.000	342.775	-2.00	1153+0.000	342.855	342.405	0.450	4.000	342.775	-2.00	4.117	342.599	-150.00
-4.396	341.983	-150.00	-4.000	342.577	-2.00	1154+0.000	342.657	342.224	0.433	4.000	342.577	-2.00	4.106	342.419	-150.00
-4.437	341.408	-150.00	-4.000	342.064	-2.00	1155+0.000	342.144	341.669	0.475	4.000	342.064	-2.00	4.128	341.872	-150.00
-4.466	340.687	-150.00	-4.000	341.386	-2.00	1156+0.000	341.466	340.944	0.521	4.000	341.386	-2.00	4.130	341.191	-150.00
-4.466	339.747	-150.00	-4.000	340.447	-2.00	1157+0.000	340.527	340.026	0.501	4.000	340.447	-2.00	4.108	340.284	-150.00
-4.516	338.682	-150.00	-4.000	339.456	-2.00	1158+0.000	339.536	339.028	0.508	4.000	339.456	-2.00	4.108	339.294	-150.00
-4.452	337.769	-150.00	-4.000	338.446	-2.00	1159+0.000	338.526	338.045	0.481	4.000	338.446	-2.00	4.091	338.310	-150.00
-4.454	336.917	-150.00	-4.000	337.598	-2.00	1160+0.000	337.678	337.197	0.481	4.000	337.598	-2.00	4.090	337.462	-150.00
-4.394	336.353	-150.00	-4.000	336.944	-2.00	1161+0.000	337.024	336.589	0.436	4.000	336.944	-2.00	4.082	336.821	-150.00
-4.332	336.023	-150.00	-4.000	336.521	-2.00	1162+0.000	336.601	336.215	0.386	4.000	336.521	-2.00	4.057	336.435	-150.00
-4.288	336.430	-150.00	-4.000	336.861	-2.00	1163+0.000	336.941	336.593	0.348	4.000	336.861	-2.00	4.076	336.748	-150.00
-4.215	337.163	-150.00	-4.000	337.486	-2.00	1164+0.000	337.566	337.261	0.305	4.000	337.486	-2.00	4.087	337.356	-150.00
-4.170	338.032	-150.00	-4.000	338.287	-2.00	1165+0.000	338.367	338.062	0.305	4.000	338.287	-2.00	4.114	338.117	-150.00
-4.078	339.106	-150.00	-4.000	339.222	-2.00	1166+0.000	339.302	339.130	0.172	4.000	339.222	-2.00	4.045	339.155	-150.00
-4.080	340.224	66.67	-4.000	340.171	-2.00	1167+0.000	340.251	340.267	-0.016	4.000	340.171	-2.00	4.215	340.314	66.67
-4.332	341.341	66.67	-4.000	341.120	-2.00	1168+0.000	341.200	341.405	-0.206	4.000	341.120	-2.00	4.530	341.473	66.67
-4.563	342.444	66.67	-4.000	342.068	-2.00	1169+0.000	342.148	342.512	-0.364	4.000	342.068	-2.00	4.773	342.584	66.67
-4.610	343.424	66.67	-4.000	343.017	-2.00	1170+0.000	343.097	343.471	-0.374	4.000	343.017	-2.00	4.742	343.512	66.67
-4.428	344.251	66.67	-4.000	343.966	-2.00	1171+0.000	344.046	344.297	-0.251	4.000	343.966	-2.00	4.566	344.344	66.67
-4.143	345.010	66.67	-4.000	344.915	-2.00	1172+0.000	344.995	345.034	-0.039	4.000	344.915	-2.00	4.192	345.043	66.67
-4.179	345.596	-150.00	-4.000	345.864	-2.00	1173+0.000	345.944	345.621	0.323	4.000	345.864	-2.00	4.145	345.646	-150.00
-4.426	346.222	-150.00	-4.000	346.862	-2.00	1174+0.000	346.942	346.261	0.681	4.000	346.862	-2.00	4.362	346.319	-150.00
-4.340	347.598	-150.00	-4.000	348.109	-2.00	1175+0.000	348.189	347.515	0.674	4.000	348.109	-2.00	4.452	347.430	-150.00
-4.293	348.977	-150.00	-4.000	349.415	-2.00	1176+0.000	349.495	348.912	0.584	4.000	349.415	-2.00	4.380	348.846	-150.00
-4.128	350.530	-150.00	-4.000	350.722	-2.00	1177+0.000	350.802	350.445	0.357	4.000	350.722	-2.00	4.243	350.358	-150.00
-4.110	352.103	66.67	-4.000	352.029	-2.00	1178+0.000	352.109	352.009	0.100	4.000	352.029	-2.00	4.091	351.893	-150.00
-4.171	353.450	66.67	-4.000	353.336	-2.00	1179+0.000	353.416	353.362	0.053	4.000	353.336	-2.00	4.039	353.278	-150.00
-4.121	354.724	66.67	-4.000	354.643	-2.00	1180+0.000	354.723	354.637	0.085	4.000	354.643	-2.00	4.099	354.495	-150.00
-4.160	355.434	-150.00	-4.000	355.674	-2.00	1181+0.000	355.754	355.335	0.419	4.000	355.674	-2.00	4.294	355.232	-150.00
-4.426	355.771	-150.00	-4.000	356.410	-2.00	1182+0.000	356.490	355.665	0.825	4.000	356.410	-2.00	4.569	355.556	-150.00
-4.684	356.121	-150.00	-4.000	357.147	-2.00	1183+0.000	357.227	356.035	1.192	4.000	357.147	-2.00	4.806	355.938	-150.00
-4.949	356.459	-150.00	-4.000	357.883	-2.00	1184+0.000	357.963	356.368	1.595	4.000	357.883	-2.00	5.072	356.276	-150.00
-5.144	356.903	-150.00	-4.000	358.619	-2.00	1185+0.000	358.699	356.812	1.887	4.000	358.619	-2.00	5.237	356.764	-150.00
-5.112	357.688	-150.00	-4.000	359.356	-2.00	1186+0.000	359.436	357.571	1.865	4.000	359.356	-2.00	5.270	357.451	-150.00
-5.011	358.576	-150.00	-4.000	360.092	-2.00	1187+0.000	360.172	358.590	1.582	4.000	360.092	-2.00	4.992	358.604	-150.00
-4.720	359.749	-150.00	-4.000	360.829	-2.00	1188+0.000	360.909	359.795	1.114	4.000	360.829	-2.00	4.659	359.840	-150.00
-4.430	360.920	-150.00	-4.000	361.565	-2.00	1189+0.000	361.645	360.969	0.677	4.000	361.565	-2.00	4.366	361.016	-150.00
-4.201	362.000	-150.00	-4.000	362.302	-2.00	1190+0.000	362.382	362.078	0.303	4.000	362.302	-2.00	4.098	362.155	-150.00
-4.007	363.043	66.67	-4.000	363.038	-2.00	1191+0.000	363.118	363.094	0.024	4.000	363.038	-2.00	4.151	363.139	66.67
-4.055	363.692	-150.00	-4.000	363.774	-2.00	1192+0.000	363.854	363.825	0.029	4.000	363.774	-2.00	4.287	363.966	66.67
-4.253	364.132	-150.00	-4.000	364.511	-2.00	1193+0.000	364.591	364.271	0.320	4.000	364.511	-2.00	4.099	364.363	-150.00
-4.158	364.231	-150.00	-4.000	364.468	-2.00	1194+0.000	364.548	364.427	0.121	4.000	364.468	-2.00	4.194	364.598	66.67
-4.244	363.965	-150.00	-4.000	364.330	-2.00	1195+0.000	364.410	364.165	0.245	4.000	364.330	-2.00	4.026	364.348	66.67
-4.407	363.583	-150.00	-4.000	364.193	-2.00	1196+0.000	364.273	363.759	0.514	4.000	364.193	-2.00	4.181	363.921	-150.00
-4.626	363.117	-150.00	-4.000	364.055	-2.00	1197+0.000	364.135	363.302	0.833	4.000	364.055	-2.00	4.385	363.478	-150.00
-4.862	362.624	-150.00	-4.000	363.918	-2.00	1198+0.000	363.998	362.796	1.202	4.000	363.918	-2.00	4.635	362.966	-150.00
-4.940	362.370	-150.00	-4.000	363.780	-2.00	1199+0.000	363.860	362.482	1.378	4.000	363.780	-2.00	4.792	362.591	-150.00
-5.047	362.071	-150.00	-4.000	363.642	-2.00	1200+0.000	363.722	362.150	1.572	4.000	363.642	-2.00	4.943	362.228	-150.00
-5.031	361.959	-150.00	-4.000	363.505	-2.00	1201+0.000	363.585	361.952	1.633	4.000	363.505	-2.00	5.040	361.945	-150.00
-4.977	361.902	-150.00	-4.000	363.367	-2.00	1202+0.000	363.447	361.902	1.545	4.000	363.367	-2.00	4.977	361.902	-150.00
-4.868	361.927	-150.00	-4.000	363.230	-2.00	1203+0.000	363.310	361.905	1.405	4.000	363.230	-2.00	4.898	361.882	-150.00
-4.737	361.986	-150.00	-4.000	363.092	-2.00	1204+0.000	363.172	361.983	1.189	4.000	363.092	-2.00	4.742	361.979	-150.00
-4.616	362.030	-150.00	-4.000	362.954	-2.00	1205+0.000	363.034	362.075	0.959	4.000	362.954	-2.00	4.559	362.116	-150.00
-4.573	361.958	-150.00	-4.000	362.817	-2.00	1206+0.000	362.897	362.031	0.866	4.000	362.817	-2.00	4.456	362.133	-150.00
-4.393	362.057	-150.00	-4.000	362.646	-2.00	1207+0.000	362.726	362.218	0.508	4.000	362.646	-2.00	4.217	362.321	-150.00

Osvaldo Leoncio da [illegible]
Diretor do Departamento de
Projetos e Obras [illegible]
Secretaria de [illegible]

-4.166	361.986	-150.00	-4.000	362.235	-2.00	1208+0.000	362.315	362.139	0.176	4.000	362.235	-2.00	4.070	362.282	66.67
-4.182	361.866	66.67	-4.000	361.745	-2.00	1209+0.000	361.825	362.020	-0.195	4.000	361.745	-2.00	4.654	362.181	66.67
-4.478	361.573	66.67	-4.000	361.255	-2.00	1210+0.000	361.335	361.764	-0.430	4.000	361.255	-2.00	5.080	361.975	66.67
-4.668	361.210	66.67	-4.000	360.765	-2.00	1211+0.000	360.845	361.378	-0.533	4.000	360.765	-2.00	5.200	361.565	66.67
-4.653	360.709	66.67	-4.000	360.274	-2.00	1212+0.000	360.354	360.899	-0.545	4.000	360.274	-2.00	5.259	361.114	66.67
-4.311	359.991	66.67	-4.000	359.784	-2.00	1213+0.000	359.864	360.052	-0.188	4.000	359.784	-2.00	4.497	360.115	66.67
-4.084	359.167	-150.00	-4.000	359.294	-2.00	1214+0.000	359.374	359.161	0.213	4.000	359.294	-2.00	4.092	359.155	-150.00
-4.220	358.474	-150.00	-4.000	358.804	-2.00	1215+0.000	358.884	358.499	0.385	4.000	358.804	-2.00	4.186	358.524	-150.00
-4.250	357.939	-150.00	-4.000	358.314	-2.00	1216+0.000	358.394	357.945	0.448	4.000	358.314	-2.00	4.241	357.952	-150.00
-4.246	357.454	-150.00	-4.000	357.823	-2.00	1217+0.000	357.903	357.475	0.428	4.000	357.823	-2.00	4.218	357.496	-150.00
-4.155	357.100	-150.00	-4.000	357.333	-2.00	1218+0.000	357.413	357.081	0.332	4.000	357.333	-2.00	4.172	357.075	-150.00
-4.039	356.869	66.67	-4.000	356.843	-2.00	1219+0.000	356.923	356.870	0.053	4.000	356.843	-2.00	4.054	356.879	66.67
-4.261	356.746	-150.00	-4.000	357.138	-2.00	1220+0.000	357.218	356.773	0.445	4.000	357.138	-2.00	4.237	356.783	-150.00
-4.666	356.549	-150.00	-4.000	357.547	-2.00	1221+0.000	357.627	356.582	1.045	4.000	357.547	-2.00	4.580	356.677	-150.00
-4.921	356.575	-150.00	-4.000	357.956	-2.00	1222+0.000	358.036	356.680	1.355	4.000	357.956	-2.00	4.780	356.786	-150.00
-5.081	356.742	-150.00	-4.000	358.364	-2.00	1223+0.000	358.444	356.837	1.607	4.000	358.364	-2.00	4.949	356.941	-150.00
-5.179	357.004	-150.00	-4.000	358.773	-2.00	1224+0.000	358.853	357.143	1.709	4.000	358.773	-2.00	4.996	357.278	-150.00
-5.058	357.595	-150.00	-4.000	359.181	-2.00	1225+0.000	359.261	357.658	1.604	4.000	359.181	-2.00	4.974	357.720	-150.00
-4.887	358.259	-150.00	-4.000	359.590	-2.00	1226+0.000	359.670	358.342	1.328	4.000	359.590	-2.00	4.778	358.423	-150.00
-4.726	358.910	-150.00	-4.000	359.998	-2.00	1227+0.000	360.078	359.014	1.065	4.000	359.998	-2.00	4.589	359.115	-150.00
-4.542	359.502	-150.00	-4.000	360.316	-2.00	1228+0.000	360.396	359.581	0.815	4.000	360.316	-2.00	4.438	359.659	-150.00
-4.347	359.946	-150.00	-4.000	360.467	-2.00	1229+0.000	360.547	360.059	0.487	4.000	360.467	-2.00	4.198	360.169	-150.00
-4.118	360.274	-150.00	-4.000	360.451	-2.00	1230+0.000	360.531	360.347	0.184	4.000	360.451	-2.00	4.022	360.418	-150.00
-4.209	360.408	66.67	-4.000	360.269	-2.00	1231+0.000	360.349	360.514	-0.165	4.000	360.269	-2.00	4.503	360.604	66.67
-4.756	360.424	66.67	-4.000	359.920	-2.00	1232+0.000	360.000	360.487	-0.487	4.000	359.920	-2.00	4.932	360.541	66.67
-5.035	360.094	66.67	-4.000	359.404	-2.00	1233+0.000	359.484	360.232	-0.748	4.000	359.404	-2.00	5.329	360.291	66.67
-4.822	359.270	66.67	-4.000	358.722	-2.00	1234+0.000	358.802	359.451	-0.649	4.000	358.722	-2.00	5.304	359.591	66.67
-4.525	358.223	66.67	-4.000	357.873	-2.00	1235+0.000	357.953	358.343	-0.389	4.000	357.873	-2.00	4.898	358.472	66.67
-4.027	356.876	66.67	-4.000	356.858	-2.00	1236+0.000	356.938	357.039	-0.101	4.000	356.858	-2.00	4.518	357.203	66.67
-4.199	355.378	-150.00	-4.000	355.676	-2.00	1237+0.000	355.756	355.515	0.241	4.000	355.676	-2.00	4.020	355.646	-150.00
-4.463	353.633	-150.00	-4.000	354.328	-2.00	1238+0.000	354.408	353.837	0.571	4.000	354.328	-2.00	4.199	354.029	-150.00
-4.625	351.904	-150.00	-4.000	352.841	-2.00	1239+0.000	352.921	352.151	0.770	4.000	352.841	-2.00	4.307	352.381	-150.00
-4.714	350.495	-150.00	-4.000	351.567	-2.00	1240+0.000	351.647	350.649	0.998	4.000	351.567	-2.00	4.514	350.796	-150.00
-4.839	349.354	-150.00	-4.000	350.612	-2.00	1241+0.000	350.692	349.576	1.116	4.000	350.612	-2.00	4.551	349.785	-150.00
-4.900	348.625	-150.00	-4.000	349.975	-2.00	1242+0.000	350.055	348.711	1.344	4.000	349.975	-2.00	4.761	348.834	-150.00
-4.909	348.294	-150.00	-4.000	349.657	-2.00	1243+0.000	349.737	348.471	1.266	4.000	349.657	-2.00	4.678	348.640	-150.00
-4.815	348.436	-150.00	-4.000	349.658	-2.00	1244+0.000	349.738	348.448	1.289	4.000	349.658	-2.00	4.693	348.618	-150.00
-4.590	349.092	-150.00	-4.000	349.977	-2.00	1245+0.000	350.057	349.149	0.907	4.000	349.977	-2.00	4.514	349.205	-150.00
-4.438	349.957	-150.00	-4.000	350.614	-2.00	1246+0.000	350.694	350.000	0.694	4.000	350.614	-2.00	4.373	350.055	-150.00
-4.256	351.032	-150.00	-4.000	351.416	-2.00	1247+0.000	351.496	351.035	0.462	4.000	351.416	-2.00	4.256	351.032	-150.00
-4.098	352.074	-150.00	-4.000	352.221	-2.00	1248+0.000	352.301	352.071	0.230	4.000	352.221	-2.00	4.102	352.069	-150.00
-4.035	353.055	66.67	-4.000	353.032	-2.00	1249+0.000	353.112	353.065	0.047	4.000	353.032	-2.00	4.048	353.064	66.67
-4.165	353.953	66.67	-4.000	353.843	-2.00	1250+0.000	353.923	353.941	-0.018	4.000	353.843	-2.00	4.130	353.930	66.67
-4.047	354.584	-150.00	-4.000	354.654	-2.00	1251+0.000	354.734	354.641	0.093	4.000	354.654	-2.00	4.066	354.697	66.67
-4.210	355.150	-150.00	-4.000	355.465	-2.00	1252+0.000	355.545	355.225	0.319	4.000	355.465	-2.00	4.111	355.299	-150.00
-4.089	355.775	-150.00	-4.000	355.910	-2.00	1253+0.000	355.990	355.841	0.148	4.000	355.910	-2.00			
-4.069	356.372	66.67	-4.000	356.325	-2.00	1254+0.000	356.405	356.413	-0.008	4.000	356.325	-2.00	4.195	356.455	66.67
-4.122	356.823	66.67	-4.000	356.741	-2.00	1255+0.000	356.821	356.904	-0.082	4.000	356.741	-2.00	4.355	356.978	66.67
-4.041	357.095	-150.00	-4.000	357.157	-2.00	1256+0.000	357.237	357.117	0.121	4.000	357.157	-2.00	4.013	357.138	-150.00
-4.136	357.116	-150.00	-4.000	357.319	-2.00	1257+0.000	357.399	357.158	0.242	4.000	357.319	-2.00	4.094	357.179	-150.00
-4.362	357.043	66.67	-4.000	356.801	-2.00	1258+0.000	356.881	356.958	-0.077	4.000	356.801	-2.00	4.115	356.878	66.67
-4.150	356.382	66.67	-4.000	356.283	-2.00	1259+0.000	356.363	356.303	0.060	4.000	356.283	-2.00	4.039	356.224	-150.00
-4.047	355.694	-150.00	-4.000	355.764	-2.00	1260+0.000	355.844	355.625	0.219	4.000	355.764	-2.00	4.135	355.561	-150.00
-4.130	355.051	-150.00	-4.000	355.246	-2.00	1261+0.000	355.326	354.988	0.338	4.000	355.246	-2.00	4.215	354.923	-150.00
-4.213	354.390	-150.00	-4.000	354.709	-2.00	1262+0.000	354.789	354.331	0.458	4.000	354.709	-2.00	4.292	354.271	-150.00
-4.099	353.726	-150.00	-4.000	353.875	-2.00	1263+0.000	353.955	353.670	0.285	4.000	353.875	-2.00	4.175	353.613	-150.00
-4.169	353.154	66.67	-4.000	353.041	-2.00	1264+0.000	353.121	353.072	0.049	4.000	353.041	-2.00	4.032	352.993	-150.00
-4.583	352.597	66.67	-4.000	352.208	-2.00	1265+0.000	352.288	352.492	-0.204	4.000	352.208	-2.00	4.279	352.394	66.67
-4.488	351.699	66.67	-4.000	351.374	-2.00	1266+0.000	351.454	351.709	-0.255	4.000	351.374	-2.00	4.517	351.719	66.67
-4.091	350.601	66.67	-4.000	350.541	-2.00	1267+0.000	350.621	350.622	-0.001	4.000	350.541	-2.00	4.152	350.642	66.67
-4.143	349.493	-150.00	-4.000	349.707	-2.00	1268+0.000	349.787	349.536	0.251	4.000	349.707	-2.00	4.085	349.579	-150.00
-4.375	348.328	-150.00	-4.000	348.890	-2.00	1269+0.000	348.970	348.409	0.561	4.000	348.890	-2.00	4.268	348.489	-150.00
-4.529	347.345	-150.00	-4.000	348.138	-2.00	1270+0.000	348.218	347.398	0.820	4.000	348.138	-2.00	4.444	347.472	-150.00
-4.615	346.463	-150.00	-4.000	347.386	-2.00	1271+0.000	347.466	346.580	0.886	4.000	347.386	-2.00	4.426	346.747	-150.00
-4.353	346.104	-150.00	-4.000	346.634	-2.00	1272+0.000	346.714	346.206	0.508	4.000	346.634	-2.00	4.180	346.364	-150.00
-4.332	346.212	-150.00	-4.000	346.711	-2.00	1273+0.000	346.791	346.275	0.516	4.000	346.711	-2.00	4.238	346.353	-150.00
-4.380	346.408	-150.00	-4.000	346.978	-2.00	1274+0.000	347.058	346.496	0.562	4.000	346.978	-2.00	4.264	346.583	-150.00
-4.255	346.863	-150.00	-4.000	347.245	-2.00	1275+0.000	347.325	346.900	0.425	4.000	347.245	-2.00	4.205	346.937	-150.00
-4.143	347.298	-150.00	-4.000	347.513	-2.00	1276+0.000	347.593	347.328	0.265	4.000	347.513	-2.00	4.103	347.358	-150.00
-4.139	347.572	-150.00	-4.000	347.780	-2.00	1277+0.000	347.860	347.640	0.220	4.000	347.780	-2.00	4.049	347.706	-150.00
-4.175	347.784	-150.00	-4.000	348.047	-2.00	1278+0.000	348.127	347.843	0.284	4.000	348.047	-2.00	4.098	347.900	-150.00
-4.212	347.996	-150.00	-4.000	348.314	-2.00	1279+0.000	348.394	348.046	0.349	4.000	348.314	-2.00	4.146	348.095	-150.00
-4.102	348.111	-150.00	-4.000	348.264	-2.00	1280+0.000	348.344	348.058	0.286	4.000	348.264	-2.00	4.173	348.004	-150.00
-4.203	347.719	66.67	-4.000	347.584	-2.00	1281+0.000	347.664	347.725	-0.061	4.000	347.584	-2.00	4.219	347.731	66.67
-4.386	347.162	66.67	-4.000	346.905	-2.00	1282+0.000	346.985	347.142	-0.157	4.000	346.905	-2.00	4.327	347.122	66.67
-4.123	346.307	66.67	-4.000	346.225	-2.00	1283+0.000	346.305	346.424	-0.119	4.000	346.225	-2.00	4.344	346.454	66.67
-4.384	344.969	-150.00	-4.000	345.545	-2.00	1284+0.000	345.625	345.118	0.507	4.000	345.545	-2.00	4.169	345.292	-150.00
-4.734	343.860	-150.00	-4.000	344.961	-2.00	1285+0.000	345.041	344.051	0.991	4.000	344.961	-2.00	4.483	344.237	-150.00
-5.034	342.827	-150.00	-4.000	344.378	-2.00	1286+0.000	344.458	343.025	1.433	4.000	344.378	-2.00	4.758	343.241	-150.00
-5.254	341.914	-150.00	-4.000	343.795	-2.00	1287+0.000	343.875	342.166	1.709	4.000	343.795	-2.00	4.928	342.403	-150.00
-5.320	341.232	-150.00	-4.000	343.212	-2.00	1288+0.000	343.292	341.444	1.848	4.000	343.212	-2.00	5.044	341.646	-150.00

-5.343	340.615	-150.00	-4.000	342.629	-2.00	1289+0.000	342.709	340.863	1.846	4.000	342.629	-2.00	5.022	341.096	-150.00
-5.136	340.342	-150.00	-4.000	342.046	-2.00	1290+0.000	342.126	340.499	1.627	4.000	342.046	-2.00	4.931	340.650	-150.00
-4.907	340.101	-150.00	-4.000	341.462	-2.00	1291+0.000	341.542	340.239	1.304	4.000	341.462	-2.00	4.728	340.371	-150.00
-4.695	339.836	-150.00	-4.000	340.879	-2.00	1292+0.000	340.959	339.964	0.995	4.000	340.879	-2.00	4.528	340.087	-150.00
-4.482	339.574	-150.00	-4.000	340.296	-2.00	1293+0.000	340.376	339.692	0.685	4.000	340.296	-2.00	4.327	339.805	-150.00
-4.310	339.329	-150.00	-4.000	339.794	-2.00	1294+0.000	339.874	339.426	0.448	4.000	339.794	-2.00	4.182	339.521	-150.00
-4.440	339.112	-150.00	-4.000	339.772	-2.00	1295+0.000	339.852	339.220	0.632	4.000	339.772	-2.00	4.298	339.325	-150.00
-4.490	339.015	-150.00	-4.000	339.750	-2.00	1296+0.000	339.830	339.069	0.761	4.000	339.750	-2.00	4.400	339.149	-150.00
-4.423	339.094	-150.00	-4.000	339.728	-2.00	1297+0.000	339.808	339.156	0.652	4.000	339.728	-2.00	4.308	339.266	-150.00
-4.241	339.344	-150.00	-4.000	339.706	-2.00	1298+0.000	339.786	339.498	0.288	4.000	339.706	-2.00	4.069	339.601	-150.00
-4.179	339.415	-150.00	-4.000	339.683	-2.00	1299+0.000	339.763	339.577	0.186	4.000	339.683	-2.00	4.054	339.719	66.67
-4.253	339.282	-150.00	-4.000	339.661	-2.00	1300+0.000	339.741	339.382	0.360	4.000	339.661	-2.00	4.124	339.475	-150.00
-4.346	338.877	-150.00	-4.000	339.396	-2.00	1301+0.000	339.476	339.008	0.468	4.000	339.396	-2.00	4.175	339.133	-150.00
-4.431	338.385	-150.00	-4.000	339.032	-2.00	1302+0.000	339.112	338.471	0.640	4.000	339.032	-2.00	4.317	338.555	-150.00
-4.674	337.657	-150.00	-4.000	338.668	-2.00	1303+0.000	338.748	337.777	0.971	4.000	338.668	-2.00	4.517	337.892	-150.00
-4.938	336.897	-150.00	-4.000	338.304	-2.00	1304+0.000	338.384	336.998	1.385	4.000	338.304	-2.00	4.804	337.098	-150.00
-5.022	336.406	-150.00	-4.000	337.940	-2.00	1305+0.000	338.020	336.402	1.618	4.000	337.940	-2.00	5.028	336.398	-150.00
-5.039	336.017	-150.00	-4.000	337.576	-2.00	1306+0.000	337.656	336.084	1.572	4.000	337.576	-2.00	4.950	336.150	-150.00
-4.669	336.208	-150.00	-4.000	337.212	-2.00	1307+0.000	337.292	336.161	1.131	4.000	337.212	-2.00	4.733	336.112	-150.00
-4.180	336.579	-150.00	-4.000	336.848	-2.00	1308+0.000	336.928	336.551	0.377	4.000	336.848	-2.00	4.190	336.563	-150.00
-4.318	337.356	-150.00	-4.000	337.833	-2.00	1309+0.000	337.913	337.282	0.631	4.000	337.833	-2.00	4.418	337.207	-150.00
-4.324	338.397	-150.00	-4.000	338.883	-2.00	1310+0.000	338.963	338.323	0.639	4.000	338.883	-2.00	4.421	338.251	-150.00
-4.260	339.542	-150.00	-4.000	339.932	-2.00	1311+0.000	340.012	339.422	0.590	4.000	339.932	-2.00	4.403	339.327	-150.00
-4.067	340.882	-150.00	-4.000	340.981	-2.00	1312+0.000	341.061	340.766	0.295	4.000	340.981	-2.00	4.223	340.647	-150.00
-4.182	342.152	66.67	-4.000	342.031	-2.00	1313+0.000	342.111	342.048	0.062	4.000	342.031	-2.00	4.078	341.913	-150.00
-4.160	343.187	66.67	-4.000	343.080	-2.00	1314+0.000	343.160	343.093	0.068	4.000	343.080	-2.00	4.053	343.001	-150.00
-4.067	344.174	66.67	-4.000	344.129	-2.00	1315+0.000	344.209	344.060	0.149	4.000	344.129	-2.00	4.128	343.937	-150.00
-4.285	344.430	-150.00	-4.000	344.857	-2.00	1316+0.000	344.937	344.432	0.505	4.000	344.857	-2.00	4.282	344.434	-150.00
-4.359	344.758	-150.00	-4.000	345.296	-2.00	1317+0.000	345.376	344.847	0.530	4.000	345.296	-2.00	4.242	344.933	-150.00
-4.284	345.310	-150.00	-4.000	345.735	-2.00	1318+0.000	345.815	345.440	0.376	4.000	345.735	-2.00	4.114	345.564	-150.00
-4.311	345.815	-150.00	-4.000	346.282	-2.00	1319+0.000	346.362	345.996	0.366	4.000	346.282	-2.00	4.077	346.167	-150.00
-4.285	346.492	-150.00	-4.000	346.919	-2.00	1320+0.000	346.999	346.677	0.322	4.000	346.919	-2.00	4.045	346.851	-150.00
-4.267	347.156	-150.00	-4.000	347.556	-2.00	1321+0.000	347.636	347.356	0.280	4.000	347.556	-2.00			
-4.171	347.937	-150.00	-4.000	348.193	-2.00	1322+0.000	348.273	348.143	0.131	4.000	348.193	-2.00	4.237	348.351	66.67
-4.067	348.730	-150.00	-4.000	348.831	-2.00	1323+0.000	348.911	348.930	-0.020	4.000	348.831	-2.00	4.398	349.096	66.67
-4.140	349.257	-150.00	-4.000	349.468	-2.00	1324+0.000	349.548	349.446	0.102	4.000	349.468	-2.00	4.187	349.593	66.67
-4.300	349.504	-150.00	-4.000	349.954	-2.00	1325+0.000	350.034	349.708	0.326	4.000	349.954	-2.00	4.036	349.900	-150.00
-4.298	349.596	-150.00	-4.000	350.044	-2.00	1326+0.000	350.124	349.738	0.385	4.000	350.044	-2.00	4.112	349.876	-150.00
-4.283	349.709	-150.00	-4.000	350.133	-2.00	1327+0.000	350.213	349.822	0.391	4.000	350.133	-2.00	4.134	349.931	-150.00
-4.299	349.774	-150.00	-4.000	350.222	-2.00	1328+0.000	350.302	349.863	0.440	4.000	350.222	-2.00	4.182	349.950	-150.00
-4.274	349.901	-150.00	-4.000	350.312	-2.00	1329+0.000	350.392	349.957	0.435	4.000	350.312	-2.00	4.200	350.012	-150.00
-4.262	350.008	-150.00	-4.000	350.401	-2.00	1330+0.000	350.481	350.027	0.455	4.000	350.401	-2.00	4.237	350.045	-150.00
-4.229	350.147	-150.00	-4.000	350.491	-2.00	1331+0.000	350.571	350.114	0.457	4.000	350.491	-2.00	4.274	350.080	-150.00
-4.175	350.364	-150.00	-4.000	350.626	-2.00	1332+0.000	350.706	350.300	0.406	4.000	350.626	-2.00	4.261	350.235	-150.00
-4.205	350.491	-150.00	-4.000	350.799	-2.00	1333+0.000	350.879	350.411	0.468	4.000	350.799	-2.00	4.313	350.329	-150.00
-4.210	350.656	-150.00	-4.000	350.972	-2.00	1334+0.000	351.052	350.574	0.478	4.000	350.972	-2.00	4.336	350.468	-150.00
-4.258	350.758	-150.00	-4.000	351.145	-2.00	1335+0.000	351.225	350.648	0.576	4.000	351.145	-2.00	4.407	350.534	-150.00
-4.307	350.858	-150.00	-4.000	351.318	-2.00	1336+0.000	351.398	350.746	0.651	4.000	351.318	-2.00	4.457	350.632	-150.00
-4.273	351.081	-150.00	-4.000	351.491	-2.00	1337+0.000	351.571	350.976	0.595	4.000	351.491	-2.00	4.411	350.874	-150.00
-4.136	351.463	-150.00	-4.000	351.667	-2.00	1338+0.000	351.747	351.361	0.386	4.000	351.667	-2.00	4.275	351.255	-150.00
-4.119	351.903	-150.00	-4.000	352.082	-2.00	1339+0.000	352.162	351.831	0.331	4.000	352.082	-2.00	4.214	351.761	-150.00
-4.162	352.467	-150.00	-4.000	352.710	-2.00	1340+0.000	352.790	352.452	0.338	4.000	352.710	-2.00	4.193	352.420	-150.00
-4.233	352.966	-150.00	-4.000	353.316	-2.00	1341+0.000	353.396	353.007	0.388	4.000	353.316	-2.00	4.178	353.048	-150.00
-4.287	353.056	-150.00	-4.000	353.486	-2.00	1342+0.000	353.566	353.162	0.404	4.000	353.486	-2.00	4.147	353.265	-150.00
-4.377	352.606	-150.00	-4.000	353.172	-2.00	1343+0.000	353.252	352.623	0.629	4.000	353.172	-2.00	4.360	352.632	-150.00
-4.693	351.771	-150.00	-4.000	352.810	-2.00	1344+0.000	352.890	351.795	1.095	4.000	352.810	-2.00	4.661	351.819	-150.00
-4.873	351.139	-150.00	-4.000	352.448	-2.00	1345+0.000	352.528	351.107	1.421	4.000	352.448	-2.00	4.916	351.075	-150.00
-4.958	350.649	-150.00	-4.000	352.086	-2.00	1346+0.000	352.166	350.519	1.647	4.000	352.086	-2.00	5.132	350.388	-150.00
-4.669	350.721	-150.00	-4.000	351.724	-2.00	1347+0.000	351.804	350.669	1.135	4.000	351.724	-2.00	4.739	350.616	-150.00
-4.291	350.925	-150.00	-4.000	351.363	-2.00	1348+0.000	351.443	350.859	0.584	4.000	351.363	-2.00	4.382	350.790	-150.00
-4.163	351.039	-150.00	-4.000	351.283	-2.00	1349+0.000	351.363	350.980	0.383	4.000	351.283	-2.00	4.201	350.981	-150.00
-4.157	351.422	-150.00	-4.000	351.657	-2.00	1350+0.000	351.737	351.407	0.330	4.000	351.657	-2.00	4.176	351.392	-150.00
-4.172	351.831	-150.00	-4.000	352.090	-2.00	1351+0.000	352.170	351.816	0.353	4.000	352.090	-2.00	4.192	351.802	-150.00
-4.184	352.088	-150.00	-4.000	352.364	-2.00	1352+0.000	352.444	352.078	0.366	4.000	352.364	-2.00	4.198	352.068	-150.00
-4.077	352.156	-150.00	-4.000	352.272	-2.00	1353+0.000	352.352	352.146	0.207	4.000	352.272	-2.00	4.091	352.135	-150.00
-4.040	352.114	-150.00	-4.000	352.174	-2.00	1354+0.000	352.254	352.093	0.160	4.000	352.174	-2.00	4.067	352.072	-150.00
-4.049	352.002	-150.00	-4.000	352.075	-2.00	1355+0.000	352.155	351.980	0.175	4.000	352.075	-2.00	4.078	351.959	-150.00
-4.128	351.785	-150.00	-4.000	351.977	-2.00	1356+0.000	352.057	351.751	0.306	4.000	351.977	-2.00	4.173	351.717	-150.00
-4.208	351.566	-150.00	-4.000	351.878	-2.00	1357+0.000	351.958	351.532	0.426	4.000	351.878	-2.00	4.253	351.498	-150.00
-4.166	351.531	-150.00	-4.000	351.780	-2.00	1358+0.000	351.860	351.458	0.401	4.000	351.780	-2.00	4.247	351.409	-150.00
-4.171	351.638	-150.00	-4.000	351.895	-2.00	1359+0.000	351.975	351.563	0.411	4.000	351.895	-2.00	4.272	351.487	-150.00
-4.153	351.817	-150.00	-4.000	352.047	-2.00	1360+0.000	352.127	351.749	0.378	4.000	352.047	-2.00	4.243	351.682	-150.00
-4.127	352.071	-150.00	-4.000	352.261	-2.00	1361+0.000	352.341	351.998	0.343	4.000	352.261	-2.00	4.225	351.923	-150.00
-4.135	352.268	-150.00	-4.000	352.471	-2.00	1362+0.000	352.551	352.194	0.357	4.000	352.471	-2.00	4.235	352.119	-150.00
-4.145	352.539	66.67	-4.000	352.442	-2.00	1363+0.000	352.522	352.449	0.073	4.000	352.442	-2.00	4.054	352.361	-150.00
-4.037	352.357	-150.00	-4.000	352.412	-2.00	1364+0.000	352.492	352.266	0.226	4.000	352.412	-2.00	4.159	352.173	-150.00
-4.075	352.150	-150.00	-4.000	352.263	-2.00	1365+0.000	352.343	352.091	0.252	4.000	352.263	-2.00	4.154	352.031	-150.00
-4.046	351.872	-150.00	-4.000	351.941	-2.00	1366+0.000	352.021	351.810	0.211	4.000	351.941	-2.00	4.129	351.748	-150.00
-4.168	351.329	-150.00	-4.000	351.581	-2.00	1367+0.000	351.661	351.267	0.395	4.000	351.581	-2.00	4.249	351.207	-150.00
-4.118	350.816	-150.00	-4.000	350.993	-2.00	1368+0.000	351.073	350.757	0.316	4.000	350.993	-2.00	4.198	350.696	-150.00
-4.174	350.143	-150.00	-4.000	350.404	-2.00	1369+0.000	350.484	350.039	0.445	4.000	350.404	-2.00	4.244	350.037	-150.00

-4.207	349.855	-150.00	-4.000	350.166	-2.00	1370+0.000	350.246	349.873	0.373	4.000	350.166	-2.00	4.183	349.892	-150.00
-4.179	349.727	-150.00	-4.000	349.995	-2.00	1371+0.000	350.075	349.689	0.386	4.000	349.995	-2.00	4.230	349.650	-150.00
-4.134	349.933	-150.00	-4.000	350.134	-2.00	1372+0.000	350.214	349.944	0.270	4.000	350.134	-2.00	4.120	349.955	-150.00
-4.139	350.089	-150.00	-4.000	350.297	-2.00	1373+0.000	350.377	350.065	0.312	4.000	350.297	-2.00	4.171	350.041	-150.00
-4.120	350.280	-150.00	-4.000	350.460	-2.00	1374+0.000	350.540	350.248	0.292	4.000	350.460	-2.00	4.163	350.216	-150.00
-4.094	350.481	-150.00	-4.000	350.622	-2.00	1375+0.000	350.702	350.453	0.249	4.000	350.622	-2.00	4.132	350.424	-150.00
-4.044	350.718	-150.00	-4.000	350.785	-2.00	1376+0.000	350.865	350.662	0.202	4.000	350.785	-2.00	4.119	350.605	-150.00
-4.084	350.821	-150.00	-4.000	350.947	-2.00	1377+0.000	351.027	350.769	0.258	4.000	350.947	-2.00	4.157	350.712	-150.00
-4.137	350.904	-150.00	-4.000	351.110	-2.00	1378+0.000	351.190	350.851	0.339	4.000	351.110	-2.00	4.208	350.798	-150.00
-4.188	350.970	-150.00	-4.000	351.252	-2.00	1379+0.000	351.332	350.909	0.423	4.000	351.252	-2.00	4.265	350.855	-150.00
-4.174	351.088	-150.00	-4.000	351.349	-2.00	1380+0.000	351.429	351.022	0.407	4.000	351.349	-2.00	4.265	350.951	-150.00
-4.150	351.219	-150.00	-4.000	351.443	-2.00	1381+0.000	351.523	351.141	0.382	4.000	351.443	-2.00	4.255	351.061	-150.00
-4.113	351.556	-150.00	-4.000	351.726	-2.00	1382+0.000	351.806	351.453	0.353	4.000	351.726	-2.00	4.253	351.347	-150.00
-4.099	352.170	-150.00	-4.000	352.319	-2.00	1383+0.000	352.399	352.027	0.372	4.000	352.319	-2.00	4.295	351.876	-150.00
-4.074	352.393	-150.00	-4.000	352.504	-2.00	1384+0.000	352.584	352.263	0.321	4.000	352.504	-2.00	4.251	352.127	-150.00
			-4.000	352.633	-2.00	1385+0.000	352.713	352.491	0.222	4.000	352.633	-2.00	4.194	352.342	-150.00
-4.018	352.774	66.67	-4.000	352.762	-2.00	1386+0.000	352.842	352.647	0.195	4.000	352.762	-2.00	4.165	352.515	-150.00
-4.053	352.926	66.67	-4.000	352.891	-2.00	1387+0.000	352.971	352.793	0.178	4.000	352.891	-2.00	4.158	352.654	-150.00
-4.028	352.978	-150.00	-4.000	353.020	-2.00	1388+0.000	353.100	352.865	0.235	4.000	353.020	-2.00	4.181	352.748	-150.00
-4.142	352.936	-150.00	-4.000	353.149	-2.00	1389+0.000	353.229	352.819	0.409	4.000	353.149	-2.00	4.270	352.744	-150.00
-4.191	353.002	-150.00	-4.000	353.288	-2.00	1390+0.000	353.368	352.958	0.410	4.000	353.288	-2.00	4.249	352.914	-150.00
-4.197	353.156	-150.00	-4.000	353.451	-2.00	1391+0.000	353.531	353.112	0.419	4.000	353.451	-2.00	4.255	353.068	-150.00
-4.187	353.320	-150.00	-4.000	353.601	-2.00	1392+0.000	353.681	353.292	0.389	4.000	353.601	-2.00	4.225	353.263	-150.00
-4.182	353.400	-150.00	-4.000	353.673	-2.00	1393+0.000	353.753	353.372	0.381	4.000	353.673	-2.00	4.220	353.343	-150.00
-4.219	353.347	-150.00	-4.000	353.675	-2.00	1394+0.000	353.755	353.314	0.441	4.000	353.675	-2.00	4.258	353.288	-150.00
-4.173	353.036	-150.00	-4.000	353.295	-2.00	1395+0.000	353.375	353.004	0.372	4.000	353.295	-2.00	4.216	352.971	-150.00
-4.207	352.601	-150.00	-4.000	352.911	-2.00	1396+0.000	352.991	352.558	0.434	4.000	352.911	-2.00	4.258	352.525	-150.00
-4.259	352.360	-150.00	-4.000	352.748	-2.00	1397+0.000	352.828	352.313	0.515	4.000	352.748	-2.00	4.322	352.266	-150.00
-4.170	352.431	-150.00	-4.000	352.686	-2.00	1398+0.000	352.766	352.374	0.392	4.000	352.686	-2.00	4.258	352.299	-150.00
-4.154	352.656	-150.00	-4.000	352.887	-2.00	1399+0.000	352.967	352.581	0.386	4.000	352.887	-2.00	4.255	352.504	-150.00
-4.139	352.926	-150.00	-4.000	353.135	-2.00	1400+0.000	353.215	352.851	0.364	4.000	353.135	-2.00	4.247	352.765	-150.00
-4.122	353.200	-150.00	-4.000	353.383	-2.00	1401+0.000	353.463	353.075	0.387	4.000	353.383	-2.00	4.292	352.945	-150.00
-4.125	353.443	-150.00	-4.000	353.631	-2.00	1402+0.000	353.711	353.317	0.393	4.000	353.631	-2.00	4.296	353.187	-150.00
-4.046	353.445	-150.00	-4.000	353.514	-2.00	1403+0.000	353.594	353.215	0.378	4.000	353.514	-2.00	4.364	352.967	-150.00
-4.069	353.009	-150.00	-4.000	353.112	-2.00	1404+0.000	353.192	352.777	0.415	4.000	353.112	-2.00	4.390	352.527	-150.00
-4.111	352.389	-150.00	-4.000	352.555	-2.00	1405+0.000	352.635	352.176	0.459	4.000	352.555	-2.00	4.405	351.947	-150.00
-4.093	351.708	-150.00	-4.000	351.848	-2.00	1406+0.000	351.928	351.496	0.433	4.000	351.848	-2.00	4.387	351.268	-150.00
-4.154	350.924	-150.00	-4.000	351.154	-2.00	1407+0.000	351.234	350.784	0.450	4.000	351.154	-2.00	4.344	350.638	-150.00
-4.294	350.465	-150.00	-4.000	350.906	-2.00	1408+0.000	350.986	350.321	0.665	4.000	350.906	-2.00	4.490	350.171	-150.00
-4.285	350.300	-150.00	-4.000	350.728	-2.00	1409+0.000	350.808	350.142	0.666	4.000	350.728	-2.00	4.416	350.104	-150.00
-4.195	350.256	-150.00	-4.000	350.549	-2.00	1410+0.000	350.629	350.219	0.411	4.000	350.549	-2.00	4.246	350.180	-150.00
-4.111	350.204	-150.00	-4.000	350.371	-2.00	1411+0.000	350.451	350.163	0.288	4.000	350.371	-2.00	4.159	350.133	-150.00
-4.060	350.102	-150.00	-4.000	350.192	-2.00	1412+0.000	350.272	350.113	0.159	4.000	350.192	-2.00	4.046	350.123	-150.00
-4.065	349.915	-150.00	-4.000	350.014	-2.00	1413+0.000	350.094	349.895	0.199	4.000	350.014	-2.00	4.073	349.904	-150.00
-4.210	349.521	-150.00	-4.000	349.835	-2.00	1414+0.000	349.915	349.554	0.361	4.000	349.835	-2.00	4.165	349.587	-150.00
-4.262	349.263	-150.00	-4.000	349.657	-2.00	1415+0.000	349.737	349.294	0.443	4.000	349.657	-2.00	4.219	349.328	-150.00
-4.236	348.958	-150.00	-4.000	349.311	-2.00	1416+0.000	349.391	348.923	0.468	4.000	349.311	-2.00	4.282	348.888	-150.00
-4.231	348.382	-150.00	-4.000	348.729	-2.00	1417+0.000	348.809	348.348	0.461	4.000	348.729	-2.00	4.277	348.313	-150.00
-4.200	347.939	-150.00	-4.000	348.239	-2.00	1418+0.000	348.319	347.878	0.441	4.000	348.239	-2.00	4.282	347.816	-150.00
-4.208	347.553	-150.00	-4.000	347.865	-2.00	1419+0.000	347.945	347.492	0.453	4.000	347.865	-2.00	4.290	347.431	-150.00
-4.163	347.334	-150.00	-4.000	347.578	-2.00	1420+0.000	347.658	347.259	0.399	4.000	347.578	-2.00	4.268	347.175	-150.00
-4.170	347.230	-150.00	-4.000	347.485	-2.00	1421+0.000	347.565	347.146	0.418	4.000	347.485	-2.00	4.282	347.061	-150.00
-4.206	347.248	-150.00	-4.000	347.556	-2.00	1422+0.000	347.636	347.144	0.492	4.000	347.556	-2.00	4.346	347.037	-150.00
-4.360	347.533	-150.00	-4.000	348.073	-2.00	1423+0.000	348.153	347.431	0.721	4.000	348.073	-2.00	4.497	347.327	-150.00
-4.237	348.233	-150.00	-4.000	348.590	-2.00	1424+0.000	348.670	348.128	0.541	4.000	348.590	-2.00	4.380	348.019	-150.00
-4.097	348.961	-150.00	-4.000	349.106	-2.00	1425+0.000	349.186	348.867	0.319	4.000	349.106	-2.00	4.224	348.770	-150.00
-4.106	349.694	66.67	-4.000	349.623	-2.00	1426+0.000	349.703	349.634	0.069	4.000	349.623	-2.00	4.034	349.572	-150.00
-4.536	350.497	66.67	-4.000	350.139	-2.00	1427+0.000	350.219	350.392	-0.172	4.000	350.139	-2.00	4.232	350.294	66.67
-4.325	350.873	66.67	-4.000	350.656	-2.00	1428+0.000	350.736	350.809	-0.073	4.000	350.656	-2.00	4.101	350.723	66.67
-4.070	351.067	-150.00	-4.000	351.173	-2.00	1429+0.000	351.253	350.993	0.259	4.000	351.173	-2.00	4.183	350.898	-150.00
-4.070	350.941	-150.00	-4.000	351.046	-2.00	1430+0.000	351.126	350.853	0.273	4.000	351.046	-2.00	4.194	350.755	-150.00
-4.097	350.487	-150.00	-4.000	350.631	-2.00	1431+0.000	350.711	350.401	0.310	4.000	350.631	-2.00	4.221	350.299	-150.00
-4.206	349.908	-150.00	-4.000	350.217	-2.00	1432+0.000	350.297	349.789	0.507	4.000	350.217	-2.00	4.367	349.666	-150.00
-4.355	349.270	-150.00	-4.000	349.802	-2.00	1433+0.000	349.882	349.158	0.724	4.000	349.802	-2.00	4.507	349.042	-150.00
-4.438	348.731	-150.00	-4.000	349.388	-2.00	1434+0.000	349.468	348.592	0.876	4.000	349.388	-2.00	4.627	348.447	-150.00
-4.399	348.375	-150.00	-4.000	348.973	-2.00	1435+0.000	349.053	348.216	0.837	4.000	348.973	-2.00	4.616	348.049	-150.00
-4.154	348.328	-150.00	-4.000	348.559	-2.00	1436+0.000	348.639	348.177	0.461	4.000	348.559	-2.00	4.360	348.019	-150.00
-4.183	348.391	-150.00	-4.000	348.666	-2.00	1437+0.000	348.746	348.260	0.486	4.000	348.666	-2.00	4.362	348.122	-150.00
-4.152	348.677	-150.00	-4.000	348.905	-2.00	1438+0.000	348.985	348.534	0.450	4.000	348.905	-2.00	4.346	348.385	-150.00
-4.147	348.922	-150.00	-4.000	349.144	-2.00	1439+0.000	349.224	348.811	0.412	4.000	349.144	-2.00	4.298	348.697	-150.00
-4.141	349.171	-150.00	-4.000	349.383	-2.00	1440+0.000	349.463	349.061	0.402	4.000	349.383	-2.00	4.283	348.958	-150.00
-4.201	349.175	-150.00	-4.000	349.477	-2.00	1441+0.000	349.557	349.125	0.432	4.000	349.477	-2.00	4.268	349.075	-150.00
-4.215	349.031	-150.00	-4.000	349.353	-2.00	1442+0.000	349.433	348.981	0.451	4.000	349.353	-2.00	4.281	348.931	-150.00
-4.243	348.836	-150.00	-4.000	349.200	-2.00	1443+0.000	349.280	348.846	0.434	4.000	349.200	-2.00	4.229	348.856	-150.00
-4.249	348.546	-150.00	-4.000	348.919	-2.00	1444+0.000	348.999	348.556	0.442	4.000	348.919	-2.00	4.235	348.567	-150.00
-4.255	348.238	-150.00	-4.000	348.621	-2.00	1445+0.000	348.701	348.259	0.441	4.000	348.621	-2.00	4.231	348.275	-150.00
-4.264	347.809	-150.00	-4.000	348.205	-2.00	1446+0.000	348.285	347.847	0.438	4.000	348.205	-2.00	4.213	347.885	-150.00
-4.280	347.375	-150.00	-4.000	347.795	-2.00	1447+0.000	347.875	347.422	0.453	4.000	347.795	-2.00	4.218	347.468	-150.00
-4.282	346.871	-150.00	-4.000	347.294	-2.00	1448+0.000	347.374	346.917	0.456	4.000	347.294	-2.00	4.217	346.968	-150.00
-4.256	346.374	-150.00	-4.000	346.758	-2.00	1449+0.000	346.838	346.412	0.426	4.000	346.758	-2.00	4.205	346.450	-150.00
-4.235	345.808	-150.00	-4.000	346.160	-2.00	1450+0.000	346.240	345.870	0.370	4.000	346.160	-2.00	4.152	345.932	-150.00

Silva
Peritos Oficiais - DPT/G
Secretaria de Estado (Secid)

-4.278	345.151	-150.00	-4.000	345.567	-2.00	1451+0.000	345.647	345.200	0.447	4.000	345.567	-2.00	4.203	345.263	-150.00
-4.321	344.519	-150.00	-4.000	345.002	-2.00	1452+0.000	345.082	344.611	0.470	4.000	345.002	-2.00	4.201	344.701	-150.00
-4.308	343.973	-150.00	-4.000	344.436	-2.00	1453+0.000	344.516	344.055	0.461	4.000	344.436	-2.00	4.199	344.138	-150.00
-4.275	343.231	-150.00	-4.000	343.643	-2.00	1454+0.000	343.723	343.262	0.461	4.000	343.643	-2.00	4.233	343.293	-150.00
-4.249	342.414	-150.00	-4.000	342.788	-2.00	1455+0.000	342.868	342.458	0.411	4.000	342.788	-2.00	4.192	342.501	-150.00
-4.278	341.517	-150.00	-4.000	341.934	-2.00	1456+0.000	342.014	341.560	0.454	4.000	341.934	-2.00	4.223	341.599	-150.00
-4.190	340.835	-150.00	-4.000	341.119	-2.00	1457+0.000	341.199	340.724	0.475	4.000	341.119	-2.00	4.279	340.701	-150.00
-4.494	340.173	-150.00	-4.000	340.914	-2.00	1458+0.000	340.994	340.054	0.940	4.000	340.914	-2.00	4.655	339.931	-150.00
-4.711	339.840	-150.00	-4.000	340.906	-2.00	1459+0.000	340.986	339.666	1.320	4.000	340.906	-2.00	4.949	339.483	-150.00
-4.868	339.597	-150.00	-4.000	340.898	-2.00	1460+0.000	340.978	339.380	1.598	4.000	340.898	-2.00	5.137	339.193	-150.00
-4.890	339.556	-150.00	-4.000	340.890	-2.00	1461+0.000	340.970	339.252	1.718	4.000	340.890	-2.00	5.262	338.997	-150.00
-4.761	339.740	-150.00	-4.000	340.882	-2.00	1462+0.000	340.962	339.360	1.602	4.000	340.882	-2.00	5.297	338.937	-150.00
-4.372	340.316	-150.00	-4.000	340.874	-2.00	1463+0.000	340.954	339.944	1.010	4.000	340.874	-2.00	4.902	339.521	-150.00
-4.149	340.643	-150.00	-4.000	340.866	-2.00	1464+0.000	340.946	340.325	0.621	4.000	340.866	-2.00	4.599	339.968	-150.00
-4.022	340.825	-150.00	-4.000	340.858	-2.00	1465+0.000	340.938	340.529	0.410	4.000	340.858	-2.00	4.443	340.194	-150.00
-4.018	340.822	-150.00	-4.000	340.850	-2.00	1466+0.000	340.930	340.544	0.386	4.000	340.850	-2.00	4.421	340.218	-150.00
-4.403	340.795	66.67	-4.000	340.526	-2.00	1467+0.000	340.606	340.506	0.100	4.000	340.526	-2.00	4.220	340.197	-150.00
-4.998	340.460	66.67	-4.000	339.794	-2.00	1468+0.000	339.874	340.128	-0.254	4.000	339.794	-2.00	4.097	339.859	66.67
-5.123	339.811	66.67	-4.000	339.062	-2.00	1469+0.000	339.142	339.553	-0.411	4.000	339.062	-2.00	4.400	339.329	66.67
-4.607	338.735	66.67	-4.000	338.330	-2.00	1470+0.000	338.410	338.478	-0.068	4.000	338.330	-2.00	4.052	338.252	-150.00
-4.177	337.716	66.67	-4.000	337.598	-2.00	1471+0.000	337.678	337.578	0.100	4.000	337.598	-2.00	4.126	337.408	-150.00
-4.174	336.605	-150.00	-4.000	336.866	-2.00	1472+0.000	336.946	336.506	0.439	4.000	336.866	-2.00	4.308	336.404	-150.00
-4.156	335.928	-150.00	-4.000	336.163	-2.00	1473+0.000	336.243	335.779	0.464	4.000	336.163	-2.00	4.279	335.745	-150.00
-4.164	335.273	-150.00	-4.000	335.519	-2.00	1474+0.000	335.599	335.270	0.328	4.000	335.519	-2.00	4.159	335.280	-150.00
-4.194	334.584	-150.00	-4.000	334.875	-2.00	1475+0.000	334.955	334.573	0.382	4.000	334.875	-2.00	4.208	334.562	-150.00
-4.223	333.895	-150.00	-4.000	334.230	-2.00	1476+0.000	334.310	333.885	0.426	4.000	334.230	-2.00	4.238	333.874	-150.00
-4.234	333.236	-150.00	-4.000	333.586	-2.00	1477+0.000	333.666	333.203	0.463	4.000	333.586	-2.00	4.264	333.190	-150.00
-4.260	332.708	-150.00	-4.000	333.098	-2.00	1478+0.000	333.178	332.698	0.480	4.000	333.098	-2.00	4.273	332.688	-150.00
-4.345	332.398	-150.00	-4.000	332.915	-2.00	1479+0.000	332.995	332.353	0.642	4.000	332.915	-2.00	4.405	332.308	-150.00
-4.366	332.364	-150.00	-4.000	332.914	-2.00	1480+0.000	332.994	332.312	0.682	4.000	332.914	-2.00	4.436	332.259	-150.00
-4.239	332.555	-150.00	-4.000	332.914	-2.00	1481+0.000	332.994	332.481	0.513	4.000	332.914	-2.00	4.339	332.405	-150.00
-4.120	332.857	-150.00	-4.000	333.037	-2.00	1482+0.000	333.117	332.755	0.362	4.000	333.037	-2.00	4.243	332.673	-150.00
-4.108	333.350	-150.00	-4.000	333.512	-2.00	1483+0.000	333.592	333.246	0.346	4.000	333.512	-2.00	4.249	333.138	-150.00
-4.164	333.769	-150.00	-4.000	334.015	-2.00	1484+0.000	334.095	333.684	0.411	4.000	334.015	-2.00	4.279	333.596	-150.00
-4.069	334.416	-150.00	-4.000	334.520	-2.00	1485+0.000	334.600	334.226	0.374	4.000	334.520	-2.00	4.332	334.023	-150.00
-4.092	334.887	-150.00	-4.000	335.025	-2.00	1486+0.000	335.105	334.716	0.388	4.000	335.025	-2.00	4.325	334.537	-150.00
-4.061	335.416	-150.00	-4.000	335.507	-2.00	1487+0.000	335.587	335.197	0.390	4.000	335.507	-2.00	4.362	334.964	-150.00
-4.056	335.577	-150.00	-4.000	335.660	-2.00	1488+0.000	335.740	335.358	0.383	4.000	335.660	-2.00	4.350	335.135	-150.00
-4.035	335.919	-150.00	-4.000	335.972	-2.00	1489+0.000	336.052	335.705	0.347	4.000	335.972	-2.00	4.331	335.475	-150.00
-4.075	336.296	-150.00	-4.000	336.408	-2.00	1490+0.000	336.488	336.107	0.381	4.000	336.408	-2.00	4.349	335.885	-150.00
-4.035	336.261	-150.00	-4.000	336.314	-2.00	1491+0.000	336.394	336.117	0.277	4.000	336.314	-2.00	4.232	335.966	-150.00
-4.476	336.115	66.67	-4.000	335.797	-2.00	1492+0.000	335.877	335.933	-0.056	4.000	335.797	-2.00			
-4.931	335.901	66.67	-4.000	335.280	-2.00	1493+0.000	335.360	335.734	-0.374	4.000	335.280	-2.00	4.424	335.563	66.67
-4.063	334.669	-150.00	-4.000	334.763	-2.00	1494+0.000	334.843	334.549	0.294	4.000	334.763	-2.00	4.234	334.412	-150.00
-4.279	333.217	-150.00	-4.000	333.636	-2.00	1495+0.000	333.716	333.139	0.577	4.000	333.636	-2.00	4.384	333.059	-150.00
-4.264	331.630	-150.00	-4.000	332.025	-2.00	1496+0.000	332.105	331.525	0.580	4.000	332.025	-2.00	4.360	331.484	-150.00
-4.349	329.817	-150.00	-4.000	330.341	-2.00	1497+0.000	330.421	329.725	0.696	4.000	330.341	-2.00	4.474	329.630	-150.00
-4.400	328.047	-150.00	-4.000	328.647	-2.00	1498+0.000	328.727	327.916	0.811	4.000	328.647	-2.00	4.578	327.780	-150.00
-4.273	326.543	-150.00	-4.000	326.953	-2.00	1499+0.000	327.033	326.413	0.620	4.000	326.953	-2.00	4.448	326.281	-150.00
-4.216	325.180	-150.00	-4.000	325.504	-2.00	1500+0.000	325.584	325.086	0.498	4.000	325.504	-2.00	4.317	325.028	-150.00
-4.362	324.141	-150.00	-4.000	324.684	-2.00	1501+0.000	324.764	324.083	0.682	4.000	324.684	-2.00	4.441	324.023	-150.00
-4.297	323.441	-150.00	-4.000	323.886	-2.00	1502+0.000	323.966	323.399	0.567	4.000	323.886	-2.00	4.364	323.341	-150.00
-4.251	322.722	-150.00	-4.000	323.099	-2.00	1503+0.000	323.179	322.761	0.418	4.000	323.099	-2.00	4.144	322.883	-150.00
-4.332	322.624	-150.00	-4.000	323.121	-2.00	1504+0.000	323.201	322.781	0.420	4.000	323.121	-2.00	4.123	322.937	-150.00
-4.329	322.688	-150.00	-4.000	323.181	-2.00	1505+0.000	323.261	322.857	0.404	4.000	323.181	-2.00	4.107	323.021	-150.00
-4.280	322.934	-150.00	-4.000	323.354	-2.00	1506+0.000	323.434	323.077	0.356	4.000	323.354	-2.00	4.084	323.227	-150.00
-4.236	323.323	-150.00	-4.000	323.676	-2.00	1507+0.000	323.756	323.481	0.275	4.000	323.676	-2.00	4.050	323.601	-150.00
-4.133	323.798	-150.00	-4.000	323.998	-2.00	1508+0.000	324.078	323.914	0.165	4.000	323.998	-2.00	4.042	324.027	66.67
-4.179	324.053	-150.00	-4.000	324.321	-2.00	1509+0.000	324.401	324.146	0.255	4.000	324.321	-2.00	4.057	324.236	-150.00
-4.248	324.271	-150.00	-4.000	324.643	-2.00	1510+0.000	324.723	324.339	0.385	4.000	324.643	-2.00	4.154	324.412	-150.00
-4.234	324.745	-150.00	-4.000	325.096	-2.00	1511+0.000	325.176	324.881	0.295	4.000	325.096	-2.00	4.138	324.889	-150.00
-4.207	325.272	-150.00	-4.000	325.583	-2.00	1512+0.000	325.663	325.334	0.328	4.000	325.583	-2.00	4.082	325.460	-150.00
-4.148	326.661	-150.00	-4.000	326.882	-2.00	1513+0.000	326.962	326.727	0.235	4.000	326.882	-2.00	4.085	326.755	-150.00
-4.150	328.119	-150.00	-4.000	328.344	-2.00	1514+0.000	328.424	328.177	0.247	4.000	328.344	-2.00	4.091	328.207	-150.00
-4.171	329.355	-150.00	-4.000	329.611	-2.00	1515+0.000	329.691	329.404	0.287	4.000	329.611	-2.00	4.105	329.454	-150.00
-4.225	330.378	-150.00	-4.000	330.715	-2.00	1516+0.000	330.795	330.498	0.298	4.000	330.715	-2.00	4.082	330.592	-150.00
-4.250	331.135	-150.00	-4.000	331.510	-2.00	1517+0.000	331.590	331.263	0.327	4.000	331.510	-2.00	4.083	331.385	-150.00
-4.294	331.719	-150.00	-4.000	332.160	-2.00	1518+0.000	332.240	331.858	0.382	4.000	332.160	-2.00	4.106	332.001	-150.00
-4.158	332.028	-150.00	-4.000	332.265	-2.00	1519+0.000	332.345	332.172	0.173	4.000	332.265	-2.00	4.073	332.314	66.67
-4.145	332.119	-150.00	-4.000	332.336	-2.00	1520+0.000	332.416	332.274	0.142	4.000	332.336	-2.00	4.150	332.436	66.67
-4.165	332.160	-150.00	-4.000	332.408	-2.00	1521+0.000	332.488	332.330	0.158	4.000	332.408	-2.00	4.137	332.499	66.67
-4.274	332.067	-150.00	-4.000	332.479	-2.00	1522+0.000	332.559	332.242	0.317	4.000	332.479	-2.00	4.041	332.417	-150.00
-4.317	332.019	-150.00	-4.000	332.494	-2.00	1523+0.000	332.574	332.265	0.309	4.000	332.494	-2.00			
-4.189	332.152	-150.00	-4.000	332.435	-2.00	1524+0.000	332.515	332.390	0.125	4.000	332.435	-2.00	4.299	332.635	66.67
-4.310	331.910	-150.00	-4.000	332.376	-2.00	1525+0.000	332.456	332.158	0.298	4.000	332.376	-2.00	4.074	332.425	66.67
-4.323	331.833	-150.00	-4.000	332.318	-2.00	1526+0.000	332.398	332.001	0.397	4.000	332.318	-2.00	4.106	332.159	-150.00
-4.408	331.788	-150.00	-4.000	332.400	-2.00	1527+0.000	332.480	331.939	0.541	4.000	332.400	-2.00	4.214	332.079	-150.00
-4.473	332.016	-150.00	-4.000	332.725	-2.00	1528+0.000	332.805	332.160	0.646	4.000	332.725	-2.00	4.318	332.248	-150.00
-4.582	332.412	-150.00	-4.000	333.285	-2.00	1529+0.000	333.365	332.579	0.786	4.000	333.285	-2.00	4.364	332.739	-150.00
-4.437	333.257	-150.00	-4.000	333.913	-2.00	1530+0.000	333.993	333.376	0.617	4.000	333.913	-2.00	4.281	333.491	-150.00
-4.303	334.086	-150.00	-4.000	334.541	-2.00	1531+0.000	334.621	334.229	0.391	4.000	334.541	-2.00	4.151	334.314	-150.00

-4.247	334.856	-150.00	-4.000	335.226	-2.00	1532+0.000	335.306	334.978	0.328	4.000	335.226	-2.00	4.087	335.095	-150.00
-4.315	335.300	-150.00	-4.000	335.773	-2.00	1533+0.000	335.853	335.471	0.382	4.000	335.773	-2.00	4.093	335.634	-150.00
-4.264	335.490	-150.00	-4.000	335.887	-2.00	1534+0.000	335.967	335.658	0.309	4.000	335.887	-2.00	4.046	335.817	-150.00
-4.306	335.540	-150.00	-4.000	336.000	-2.00	1535+0.000	336.080	335.717	0.363	4.000	336.000	-2.00	4.079	335.881	-150.00
-4.303	335.602	-150.00	-4.000	336.056	-2.00	1536+0.000	336.136	335.728	0.408	4.000	336.056	-2.00	4.177	335.791	-150.00
-4.255	335.559	-150.00	-4.000	335.942	-2.00	1537+0.000	336.022	335.618	0.403	4.000	335.942	-2.00	4.177	335.676	-150.00
-4.239	335.468	-150.00	-4.000	335.827	-2.00	1538+0.000	335.907	335.491	0.416	4.000	335.827	-2.00	4.192	335.539	-150.00
-4.223	335.470	-150.00	-4.000	335.804	-2.00	1539+0.000	335.884	335.479	0.404	4.000	335.804	-2.00	4.210	335.489	-150.00
-4.212	335.696	-150.00	-4.000	336.015	-2.00	1540+0.000	336.095	335.725	0.370	4.000	336.015	-2.00	4.180	335.745	-150.00
-4.224	335.816	-150.00	-4.000	336.152	-2.00	1541+0.000	336.232	335.849	0.383	4.000	336.152	-2.00	4.181	335.881	-150.00
-4.157	336.041	-150.00	-4.000	336.276	-2.00	1542+0.000	336.356	336.004	0.352	4.000	336.276	-2.00	4.207	335.966	-150.00
-4.153	336.472	-150.00	-4.000	336.701	-2.00	1543+0.000	336.781	336.435	0.347	4.000	336.701	-2.00	4.165	336.454	-150.00
-4.169	336.909	-150.00	-4.000	337.162	-2.00	1544+0.000	337.242	336.904	0.339	4.000	337.162	-2.00	4.118	336.985	-150.00
-4.209	337.399	-150.00	-4.000	337.712	-2.00	1545+0.000	337.792	337.459	0.333	4.000	337.712	-2.00	4.115	337.540	-150.00
-4.215	338.005	-150.00	-4.000	338.327	-2.00	1546+0.000	338.407	338.060	0.348	4.000	338.327	-2.00	4.143	338.114	-150.00
-4.254	338.462	-150.00	-4.000	338.843	-2.00	1547+0.000	338.923	338.519	0.404	4.000	338.843	-2.00	4.173	338.584	-150.00
-4.187	338.691	-150.00	-4.000	338.972	-2.00	1548+0.000	339.052	338.743	0.310	4.000	338.972	-2.00	4.119	338.793	-150.00
-4.190	338.783	-150.00	-4.000	339.068	-2.00	1549+0.000	339.148	338.824	0.324	4.000	339.068	-2.00	4.125	338.881	-150.00
-4.203	338.860	-150.00	-4.000	339.164	-2.00	1550+0.000	339.244	338.904	0.340	4.000	339.164	-2.00	4.144	338.948	-150.00
-4.205	338.953	-150.00	-4.000	339.260	-2.00	1551+0.000	339.340	338.949	0.391	4.000	339.260	-2.00	4.178	338.993	-150.00
-4.188	339.136	-150.00	-4.000	339.418	-2.00	1552+0.000	339.498	339.125	0.373	4.000	339.418	-2.00	4.196	339.124	-150.00
-4.212	339.315	-150.00	-4.000	339.633	-2.00	1553+0.000	339.713	339.332	0.382	4.000	339.633	-2.00	4.197	339.338	-150.00
-4.219	339.319	-150.00	-4.000	339.648	-2.00	1554+0.000	339.728	339.316	0.412	4.000	339.648	-2.00	4.223	339.313	-150.00
-4.222	339.267	-150.00	-4.000	339.601	-2.00	1555+0.000	339.681	339.269	0.412	4.000	339.601	-2.00	4.221	339.270	-150.00
-4.238	339.094	-150.00	-4.000	339.451	-2.00	1556+0.000	339.531	339.115	0.416	4.000	339.451	-2.00	4.210	339.136	-150.00
-4.268	338.748	-150.00	-4.000	339.150	-2.00	1557+0.000	339.230	338.768	0.462	4.000	339.150	-2.00	4.241	338.788	-150.00
-4.292	338.362	-150.00	-4.000	338.800	-2.00	1558+0.000	338.880	338.398	0.481	4.000	338.800	-2.00	4.244	338.434	-150.00
-4.262	338.056	-150.00	-4.000	338.450	-2.00	1559+0.000	338.530	338.119	0.410	4.000	338.450	-2.00	4.191	338.163	-150.00
-4.225	338.114	-150.00	-4.000	338.452	-2.00	1560+0.000	338.532	338.168	0.364	4.000	338.452	-2.00	4.149	338.228	-150.00
-4.220	338.340	-150.00	-4.000	338.670	-2.00	1561+0.000	338.750	338.442	0.308	4.000	338.670	-2.00	4.066	338.571	-150.00
-4.261	339.053	-150.00	-4.000	339.445	-2.00	1562+0.000	339.525	339.168	0.357	4.000	339.445	-2.00	4.087	339.315	-150.00
-4.279	339.801	-150.00	-4.000	340.220	-2.00	1563+0.000	340.300	339.960	0.340	4.000	340.220	-2.00	4.067	340.119	-150.00
-4.294	340.550	-150.00	-4.000	340.991	-2.00	1564+0.000	341.071	340.711	0.360	4.000	340.991	-2.00	4.076	340.877	-150.00
-4.300	341.088	-150.00	-4.000	341.537	-2.00	1565+0.000	341.617	341.236	0.381	4.000	341.537	-2.00	4.106	341.378	-150.00
-4.290	341.243	-150.00	-4.000	341.677	-2.00	1566+0.000	341.757	341.324	0.434	4.000	341.677	-2.00	4.164	341.431	-150.00
-4.095	341.222	-150.00	-4.000	341.366	-2.00	1567+0.000	341.446	341.311	0.135	4.000	341.366	-2.00	4.049	341.398	66.67
-4.097	340.908	-150.00	-4.000	341.054	-2.00	1568+0.000	341.134	340.907	0.226	4.000	341.054	-2.00	4.098	340.906	-150.00
-4.167	340.491	-150.00	-4.000	340.742	-2.00	1569+0.000	340.822	340.498	0.324	4.000	340.742	-2.00	4.158	340.504	-150.00
-4.258	340.054	-150.00	-4.000	340.441	-2.00	1570+0.000	340.521	340.020	0.500	4.000	340.441	-2.00	4.303	339.987	-150.00
-4.235	339.813	-150.00	-4.000	340.164	-2.00	1571+0.000	340.244	339.804	0.440	4.000	340.164	-2.00	4.267	339.763	-150.00
-4.265	339.490	-150.00	-4.000	339.888	-2.00	1572+0.000	339.968	339.492	0.476	4.000	339.888	-2.00	4.263	339.494	-150.00
-4.282	339.189	-150.00	-4.000	339.612	-2.00	1573+0.000	339.692	339.216	0.476	4.000	339.612	-2.00	4.258	339.225	-150.00
-4.250	338.960	-150.00	-4.000	339.335	-2.00	1574+0.000	339.415	338.982	0.433	4.000	339.335	-2.00	4.172	339.077	-150.00
-4.250	338.795	-150.00	-4.000	339.171	-2.00	1575+0.000	339.251	338.872	0.379	4.000	339.171	-2.00	4.126	338.982	-150.00
-4.207	338.793	-150.00	-4.000	339.104	-2.00	1576+0.000	339.184	338.905	0.279	4.000	339.104	-2.00	4.060	339.014	-150.00
-4.156	338.804	-150.00	-4.000	339.038	-2.00	1577+0.000	339.118	338.951	0.166	4.000	339.038	-2.00	4.088	339.096	66.67
-4.118	338.794	-150.00	-4.000	338.971	-2.00	1578+0.000	339.051	338.939	0.112	4.000	338.971	-2.00	4.171	339.085	66.67
-4.035	338.852	-150.00	-4.000	338.905	-2.00	1579+0.000	338.985	338.982	0.003	4.000	338.905	-2.00	4.325	339.121	66.67
-4.111	338.672	-150.00	-4.000	338.838	-2.00	1580+0.000	338.918	338.816	0.102	4.000	338.838	-2.00	4.188	338.963	66.67
-4.228	338.430	-150.00	-4.000	338.772	-2.00	1581+0.000	338.852	338.557	0.295	4.000	338.772	-2.00	4.061	338.680	-150.00
-4.368	338.153	-150.00	-4.000	338.705	-2.00	1582+0.000	338.785	338.265	0.520	4.000	338.705	-2.00	4.209	338.392	-150.00
-4.412	338.021	-150.00	-4.000	338.639	-2.00	1583+0.000	338.719	338.097	0.622	4.000	338.639	-2.00	4.308	338.177	-150.00
-4.457	337.886	-150.00	-4.000	338.572	-2.00	1584+0.000	338.652	337.936	0.716	4.000	338.572	-2.00	4.358	338.035	-150.00
-4.253	338.176	-150.00	-4.000	338.556	-2.00	1585+0.000	338.636	338.225	0.411	4.000	338.556	-2.00	4.184	338.280	-150.00
-4.199	338.563	-150.00	-4.000	338.861	-2.00	1586+0.000	338.941	338.600	0.340	4.000	338.861	-2.00	4.143	338.646	-150.00
-4.287	339.067	-150.00	-4.000	339.497	-2.00	1587+0.000	339.577	339.105	0.472	4.000	339.497	-2.00	4.236	339.143	-150.00
-4.318	339.722	-150.00	-4.000	340.199	-2.00	1588+0.000	340.279	339.780	0.499	4.000	340.199	-2.00	4.245	339.832	-150.00
-4.314	340.430	-150.00	-4.000	340.901	-2.00	1589+0.000	340.981	340.481	0.501	4.000	340.901	-2.00	4.247	340.531	-150.00
-4.225	341.266	-150.00	-4.000	341.603	-2.00	1590+0.000	341.683	341.320	0.363	4.000	341.603	-2.00	4.153	341.373	-150.00
-4.208	341.997	-150.00	-4.000	342.309	-2.00	1591+0.000	342.389	342.054	0.335	4.000	342.309	-2.00	4.133	342.110	-150.00
-4.223	342.658	-150.00	-4.000	342.992	-2.00	1592+0.000	343.072	342.716	0.356	4.000	342.992	-2.00	4.147	342.772	-150.00
-4.241	343.057	-150.00	-4.000	343.419	-2.00	1593+0.000	343.499	343.115	0.384	4.000	343.419	-2.00	4.208	343.107	-150.00
-4.286	342.986	-150.00	-4.000	343.415	-2.00	1594+0.000	343.495	343.030	0.465	4.000	343.415	-2.00	4.265	343.017	-150.00
-4.285	342.620	-150.00	-4.000	343.047	-2.00	1595+0.000	343.127	342.609	0.518	4.000	343.047	-2.00	4.301	342.595	-150.00
-4.353	342.150	-150.00	-4.000	342.679	-2.00	1596+0.000	342.759	342.151	0.608	4.000	342.679	-2.00	4.352	342.152	-150.00
-4.430	341.666	-150.00	-4.000	342.311	-2.00	1597+0.000	342.391	341.669	0.722	4.000	342.311	-2.00	4.427	341.671	-150.00
-4.519	341.165	-150.00	-4.000	341.944	-2.00	1598+0.000	342.024	341.169	0.855	4.000	341.944	-2.00	4.514	341.172	-150.00
-4.436	340.922	-150.00	-4.000	341.576	-2.00	1599+0.000	341.656	340.908	0.747	4.000	341.576	-2.00	4.449	340.902	-150.00
-4.371	340.652	-150.00	-4.000	341.208	-2.00	1600+0.000	341.288	340.643	0.645	4.000	341.208	-2.00	4.383	340.633	-150.00
-4.334	340.340	-150.00	-4.000	340.840	-2.00	1601+0.000	340.920	340.298	0.622	4.000	340.840	-2.00	4.374	340.279	-150.00
-4.285	340.044	-150.00	-4.000	340.472	-2.00	1602+0.000	340.552	340.029	0.523	4.000	340.472	-2.00	4.341	339.961	-150.00
-4.298	339.727	-150.00	-4.000	340.174	-2.00	1603+0.000	340.254	339.717	0.537	4.000	340.174	-2.00	4.338	339.667	-150.00
-4.537	339.209	-150.00	-4.000	340.014	-2.00	1604+0.000	340.094	339.188	0.906	4.000	340.014	-2.00	4.564	339.168	-150.00
-4.677	338.838	-150.00	-4.000	339.854	-2.00	1605+0.000	339.934	338.903	1.031	4.000	339.854	-2.00	4.592	338.966	-150.00
-4.755	338.561	-150.00	-4.000	339.694	-2.00	1606+0.000	339.774	338.611	1.163	4.000	339.694	-2.00	4.689	338.660	-150.00
-4.760	338.394	-150.00	-4.000	339.534	-2.00	1607+0.000	339.614	338.537	1.077	4.000	339.534	-2.00	4.573	338.675	-150.00
-4.688	338.342	-150.00	-4.000	339.374	-2.00	1608+0.000	339.454	338.472	0.982	4.000	339.374	-2.00	4.518	338.597	-150.00
-4.512	338.446	-150.00	-4.000	339.214	-2.00	1609+0.000	339.294	338.554	0.740	4.000	339.214	-2.00	4.368	338.662	-150.00
-4.286	338.654	-150.00	-4.000	339.083	-2.00	1610+0.000	339.163	338.757	0.406	4.000	339.083	-2.00	4.151	338.856	-150.00
-4.239	338.971	-150.00	-4.000	339.330	-2.00	1611+0.000	339.410	339.060	0.350	4.000	339.330	-2.00	4.137	339.124	-150.00
-4.165	339.403	-150.00	-4.000	339.651	-2.00	1612+0.000	339.731	339.465	0.266	4.000	339.651	-2.00	4.101	339.499	-150.00

Osvaldo Leoncio [illegible] Filho
Diretor da Divisão [illegible] nas
Projetos e Obras [illegible]
Secretaria [illegible]

-4.092	339.925	66.67	-4.000	339.863	-2.00	1613+0.000	339.943	339.946	-0.002	4.000	339.863	-2.00	4.156	339.967	66.67
-4.505	340.413	66.67	-4.000	340.076	-2.00	1614+0.000	340.156	340.435	-0.280	4.000	340.076	-2.00	4.576	340.460	66.67
-4.902	340.890	66.67	-4.000	340.288	-2.00	1615+0.000	340.368	340.914	-0.545	4.000	340.288	-2.00	4.975	340.938	66.67
-5.130	341.254	66.67	-4.000	340.501	-2.00	1616+0.000	340.581	341.308	-0.727	4.000	340.501	-2.00	5.259	341.340	66.67
-5.168	341.492	66.67	-4.000	340.714	-2.00	1617+0.000	340.794	341.558	-0.764	4.000	340.714	-2.00	5.369	341.626	66.67
-4.917	341.538	66.67	-4.000	340.926	-2.00	1618+0.000	341.006	341.595	-0.589	4.000	340.926	-2.00	5.097	341.658	66.67
-4.550	341.506	66.67	-4.000	341.139	-2.00	1619+0.000	341.219	341.564	-0.345	4.000	341.139	-2.00	4.728	341.624	66.67
-4.139	341.444	66.67	-4.000	341.351	-2.00	1620+0.000	341.431	341.492	-0.060	4.000	341.351	-2.00	4.321	341.565	66.67
-4.127	341.373	-150.00	-4.000	341.564	-2.00	1621+0.000	341.644	341.433	0.211	4.000	341.564	-2.00	4.019	341.535	-150.00
-4.247	341.395	-150.00	-4.000	341.766	-2.00	1622+0.000	341.846	341.474	0.372	4.000	341.766	-2.00	4.143	341.551	-150.00
-4.214	341.520	-150.00	-4.000	341.841	-2.00	1623+0.000	341.921	341.599	0.322	4.000	341.841	-2.00	4.111	341.675	-150.00
-4.183	341.642	-150.00	-4.000	341.916	-2.00	1624+0.000	341.996	341.694	0.303	4.000	341.916	-2.00	4.115	341.744	-150.00
-4.132	341.794	-150.00	-4.000	341.991	-2.00	1625+0.000	342.071	341.844	0.228	4.000	341.991	-2.00	4.066	341.893	-150.00
-4.062	341.974	-150.00	-4.000	342.067	-2.00	1626+0.000	342.147	342.017	0.129	4.000	342.067	-2.00			
-4.112	341.974	-150.00	-4.000	342.142	-2.00	1627+0.000	342.222	342.025	0.197	4.000	342.142	-2.00	4.045	342.075	-150.00
-4.133	342.017	-150.00	-4.000	342.217	-2.00	1628+0.000	342.297	342.039	0.258	4.000	342.217	-2.00	4.104	342.060	-150.00
-4.214	341.969	-150.00	-4.000	342.290	-2.00	1629+0.000	342.370	341.970	0.400	4.000	342.290	-2.00	4.193	342.001	-150.00
-4.237	341.811	-150.00	-4.000	342.168	-2.00	1630+0.000	342.248	341.812	0.435	4.000	342.168	-2.00	4.195	341.874	-150.00
-4.221	341.652	-150.00	-4.000	341.983	-2.00	1631+0.000	342.063	341.678	0.385	4.000	341.983	-2.00	4.168	341.731	-150.00
-4.170	341.832	-150.00	-4.000	342.086	-2.00	1632+0.000	342.166	341.850	0.316	4.000	342.086	-2.00	4.145	341.868	-150.00
-4.148	341.974	-150.00	-4.000	342.196	-2.00	1633+0.000	342.276	341.972	0.304	4.000	342.196	-2.00	4.138	341.990	-150.00
-4.125	342.118	-150.00	-4.000	342.306	-2.00	1634+0.000	342.386	342.123	0.263	4.000	342.306	-2.00	4.119	342.127	-150.00
-4.171	342.160	-150.00	-4.000	342.416	-2.00	1635+0.000	342.496	342.118	0.378	4.000	342.416	-2.00	4.212	342.098	-150.00
-4.172	342.268	-150.00	-4.000	342.526	-2.00	1636+0.000	342.606	342.228	0.378	4.000	342.526	-2.00	4.226	342.187	-150.00
-4.211	342.298	-150.00	-4.000	342.615	-2.00	1637+0.000	342.695	342.289	0.405	4.000	342.615	-2.00	4.224	342.278	-150.00
-4.221	342.168	-150.00	-4.000	342.499	-2.00	1638+0.000	342.579	342.163	0.416	4.000	342.499	-2.00	4.222	342.167	-150.00
-4.236	341.979	-150.00	-4.000	342.333	-2.00	1639+0.000	342.413	341.982	0.431	4.000	342.333	-2.00	4.246	341.964	-150.00
-4.224	341.734	-150.00	-4.000	342.070	-2.00	1640+0.000	342.150	341.716	0.434	4.000	342.070	-2.00	4.248	341.698	-150.00
-4.426	341.080	-150.00	-4.000	341.719	-2.00	1641+0.000	341.799	341.057	0.741	4.000	341.719	-2.00	4.456	341.035	-150.00
-4.682	340.338	-150.00	-4.000	341.360	-2.00	1642+0.000	341.440	340.317	1.123	4.000	341.360	-2.00	4.710	340.296	-150.00
-4.963	339.557	-150.00	-4.000	341.002	-2.00	1643+0.000	341.082	339.532	1.550	4.000	341.002	-2.00	4.996	339.508	-150.00
-5.196	338.849	-150.00	-4.000	340.643	-2.00	1644+0.000	340.723	338.818	1.905	4.000	340.643	-2.00	5.237	338.788	-150.00
-5.342	338.272	-150.00	-4.000	340.285	-2.00	1645+0.000	340.365	338.212	2.153	4.000	340.285	-2.00	5.423	338.151	-150.00
-5.193	338.137	-150.00	-4.000	339.927	-2.00	1646+0.000	340.007	338.104	1.902	4.000	339.927	-2.00	5.254	338.045	-150.00
-5.026	338.030	-150.00	-4.000	339.568	-2.00	1647+0.000	339.648	338.008	1.640	4.000	339.568	-2.00	5.052	337.989	-150.00
-4.812	337.991	-150.00	-4.000	339.210	-2.00	1648+0.000	339.290	337.982	1.308	4.000	339.210	-2.00	4.828	337.967	-150.00
-4.563	338.006	-150.00	-4.000	338.851	-2.00	1649+0.000	338.931	338.011	0.920	4.000	338.851	-2.00	4.555	338.018	-150.00
-4.351	337.966	-150.00	-4.000	338.493	-2.00	1650+0.000	338.573	338.005	0.568	4.000	338.493	-2.00	4.313	338.024	-150.00
-4.326	337.843	-150.00	-4.000	338.331	-2.00	1651+0.000	338.411	337.882	0.529	4.000	338.331	-2.00	4.274	337.920	-150.00
-4.369	337.766	-150.00	-4.000	338.319	-2.00	1652+0.000	338.399	337.833	0.566	4.000	338.319	-2.00	4.285	337.891	-150.00
-4.405	337.699	-150.00	-4.000	338.307	-2.00	1653+0.000	338.387	337.762	0.625	4.000	338.307	-2.00	4.322	337.823	-150.00
-4.401	337.693	-150.00	-4.000	338.294	-2.00	1654+0.000	338.374	337.767	0.607	4.000	338.294	-2.00	4.303	337.839	-150.00
-4.338	337.775	-150.00	-4.000	338.282	-2.00	1655+0.000	338.362	337.844	0.518	4.000	338.282	-2.00	4.247	337.911	-150.00
-4.257	337.884	-150.00	-4.000	338.270	-2.00	1656+0.000	338.350	337.945	0.404	4.000	338.270	-2.00	4.183	337.995	-150.00
-4.252	337.934	-150.00	-4.000	338.312	-2.00	1657+0.000	338.392	337.995	0.397	4.000	338.312	-2.00	4.244	337.947	-150.00
-4.173	338.069	-150.00	-4.000	338.328	-2.00	1658+0.000	338.408	337.999	0.409	4.000	338.328	-2.00	4.296	337.884	-150.00
-4.154	338.104	-150.00	-4.000	338.335	-2.00	1659+0.000	338.415	337.999	0.416	4.000	338.335	-2.00	4.296	337.891	-150.00
-4.245	337.960	-150.00	-4.000	338.326	-2.00	1660+0.000	338.406	337.837	0.569	4.000	338.326	-2.00	4.411	337.710	-150.00
-4.330	337.823	-150.00	-4.000	338.318	-2.00	1661+0.000	338.398	337.696	0.702	4.000	338.318	-2.00	4.502	337.565	-150.00
-4.408	337.698	-150.00	-4.000	338.310	-2.00	1662+0.000	338.390	337.567	0.823	4.000	338.310	-2.00	4.585	337.432	-150.00
-4.493	337.562	-150.00	-4.000	338.302	-2.00	1663+0.000	338.382	337.467	0.915	4.000	338.302	-2.00	4.649	337.328	-150.00
-4.503	337.538	-150.00	-4.000	338.293	-2.00	1664+0.000	338.373	337.427	0.947	4.000	338.293	-2.00	4.655	337.311	-150.00
-4.411	337.668	-150.00	-4.000	338.285	-2.00	1665+0.000	338.365	337.613	0.752	4.000	338.285	-2.00	4.508	337.524	-150.00
-4.282	337.854	-150.00	-4.000	338.277	-2.00	1666+0.000	338.357	337.794	0.562	4.000	338.277	-2.00	4.360	337.736	-150.00
-4.188	337.986	-150.00	-4.000	338.268	-2.00	1667+0.000	338.348	337.941	0.407	4.000	338.268	-2.00	4.225	337.931	-150.00
-4.214	337.931	-150.00	-4.000	338.252	-2.00	1668+0.000	338.332	337.927	0.405	4.000	338.252	-2.00	4.219	337.924	-150.00
-4.238	337.630	-150.00	-4.000	337.986	-2.00	1669+0.000	338.066	337.632	0.434	4.000	337.986	-2.00	4.234	337.635	-150.00
-4.194	337.210	-150.00	-4.000	337.501	-2.00	1670+0.000	337.581	337.219	0.362	4.000	337.501	-2.00	4.182	337.228	-150.00
-4.194	336.724	-150.00	-4.000	337.016	-2.00	1671+0.000	337.096	336.703	0.393	4.000	337.016	-2.00	4.223	336.682	-150.00
-4.322	336.047	-150.00	-4.000	336.531	-2.00	1672+0.000	336.611	336.037	0.574	4.000	336.531	-2.00	4.336	336.026	-150.00
-4.196	335.752	-150.00	-4.000	336.046	-2.00	1673+0.000	336.126	335.588	0.538	4.000	336.046	-2.00	4.420	335.415	-150.00
-4.127	335.371	-150.00	-4.000	335.562	-2.00	1674+0.000	335.642	335.201	0.441	4.000	335.562	-2.00	4.354	335.031	-150.00
-4.088	335.143	-150.00	-4.000	335.274	-2.00	1675+0.000	335.354	334.941	0.413	4.000	335.274	-2.00	4.367	334.723	-150.00
-4.084	334.936	-150.00	-4.000	335.062	-2.00	1676+0.000	335.142	334.731	0.410	4.000	335.062	-2.00	4.368	334.510	-150.00
-4.117	334.872	-150.00	-4.000	335.048	-2.00	1677+0.000	335.128	334.736	0.391	4.000	335.048	-2.00	4.301	334.596	-150.00
-4.108	334.894	-150.00	-4.000	335.055	-2.00	1678+0.000	335.135	334.741	0.394	4.000	335.055	-2.00	4.305	334.599	-150.00
-4.126	334.969	-150.00	-4.000	335.159	-2.00	1679+0.000	335.239	334.815	0.423	4.000	335.159	-2.00	4.336	334.654	-150.00
-4.094	335.214	-150.00	-4.000	335.356	-2.00	1680+0.000	335.436	335.169	0.268	4.000	335.356	-2.00	4.195	335.063	-150.00
-4.155	335.325	-150.00	-4.000	335.558	-2.00	1681+0.000	335.638	335.274	0.364	4.000	335.558	-2.00	4.224	335.222	-150.00
-4.182	335.487	-150.00	-4.000	335.759	-2.00	1682+0.000	335.839	335.456	0.383	4.000	335.759	-2.00	4.224	335.423	-150.00
-4.186	335.681	-150.00	-4.000	335.961	-2.00	1683+0.000	336.041	335.647	0.394	4.000	335.961	-2.00	4.232	335.613	-150.00
-4.258	335.699	-150.00	-4.000	336.086	-2.00	1684+0.000	336.166	335.738	0.429	4.000	336.086	-2.00	4.211	335.769	-150.00
-4.273	335.430	-150.00	-4.000	335.840	-2.00	1685+0.000	335.920	335.468	0.453	4.000	335.840	-2.00	4.244	335.474	-150.00
-4.349	334.693	-150.00	-4.000	335.216	-2.00	1686+0.000	335.296	334.784	0.512	4.000	335.216	-2.00	4.224	334.880	-150.00
-4.340	333.695	-150.00	-4.000	334.205	-2.00	1687+0.000	334.285	333.797	0.488	4.000	334.205	-2.00	4.207	333.895	-150.00
-4.279	332.776	-150.00	-4.000	333.195	-2.00	1688+0.000	333.275	332.821	0.454	4.000	333.195	-2.00	4.219	332.866	-150.00
-4.291	331.748	-150.00	-4.000	332.184	-2.00	1689+0.000	332.264	331.803	0.461	4.000	332.184	-2.00	4.219	331.856	-150.00
-4.390	330.588	-150.00	-4.000	331.173	-2.00	1690+0.000	331.253	330.649	0.604	4.000	331.173	-2.00	4.310	330.708	-150.00
-4.231	329.842	-150.00	-4.000	330.189	-2.00	1691+0.000	330.269	329.809	0.460	4.000	330.189	-2.00	4.223	329.855	-150.00
-4.079	329.673	-150.00	-4.000	329.791	-2.00	1692+0.000	329.871	329.538	0.333	4.000	329.791	-2.00	4.263	329.397	-150.00
-4.060	329.581	66.67	-4.000	329.541	-2.00	1693+0.000	329.621	329.447	0.173	4.000	329.541	-2.00	4.159	329.303	-150.00

Oswaldo Leonardo da Silva
Diretor
Projetos
Superintendência

-4.299	329.490	66.67	-4.000	329.290	-2.00	1694+0.000	329.370	329.343	0.027	4.000	329.290	-2.00	4.091	329.153	-150.00
-4.559	329.412	66.67	-4.000	329.040	-2.00	1695+0.000	329.120	329.196	-0.076	4.000	329.040	-2.00	4.022	329.007	-150.00
-4.800	329.323	66.67	-4.000	328.789	-2.00	1696+0.000	328.869	329.084	-0.215	4.000	328.789	-2.00	4.135	328.879	66.67
-4.691	329.000	66.67	-4.000	328.539	-2.00	1697+0.000	328.619	328.748	-0.129	4.000	328.539	-2.00	4.011	328.546	66.67
-4.486	328.613	66.67	-4.000	328.288	-2.00	1698+0.000	328.368	328.374	-0.005	4.000	328.288	-2.00	4.088	328.156	-150.00
-4.179	328.157	66.67	-4.000	328.038	-2.00	1699+0.000	328.118	327.949	0.169	4.000	328.038	-2.00	4.199	327.739	-150.00
-4.014	327.767	-150.00	-4.000	327.787	-2.00	1700+0.000	327.867	327.562	0.305	4.000	327.787	-2.00	4.296	327.344	-150.00
-4.107	327.376	-150.00	-4.000	327.537	-2.00	1701+0.000	327.617	327.192	0.424	4.000	327.537	-2.00	4.353	327.007	-150.00
-4.015	327.253	-150.00	-4.000	327.276	-2.00	1702+0.000	327.356	327.071	0.285	4.000	327.276	-2.00	4.250	326.900	-150.00
-4.034	327.037	66.67	-4.000	327.014	-2.00	1703+0.000	327.094	326.916	0.178	4.000	327.014	-2.00	4.136	326.810	-150.00
-4.160	326.859	66.67	-4.000	326.753	-2.00	1704+0.000	326.833	326.752	0.080	4.000	326.753	-2.00	4.070	326.648	-150.00
-4.031	326.512	66.67	-4.000	326.491	-2.00	1705+0.000	326.571	326.415	0.155	4.000	326.491	-2.00	4.116	326.317	-150.00
-4.025	326.192	-150.00	-4.000	326.229	-2.00	1706+0.000	326.309	326.092	0.218	4.000	326.229	-2.00	4.161	325.988	-150.00
-4.130	325.772	-150.00	-4.000	325.968	-2.00	1707+0.000	326.048	325.724	0.324	4.000	325.968	-2.00	4.195	325.675	-150.00
-4.193	325.416	-150.00	-4.000	325.706	-2.00	1708+0.000	325.786	325.377	0.409	4.000	325.706	-2.00	4.248	325.335	-150.00
-4.158	325.120	-150.00	-4.000	325.357	-2.00	1709+0.000	325.437	325.039	0.399	4.000	325.357	-2.00	4.214	325.036	-150.00
-4.137	325.390	-150.00	-4.000	325.595	-2.00	1710+0.000	325.675	325.384	0.290	4.000	325.595	-2.00	4.144	325.379	-150.00
-4.088	325.773	-150.00	-4.000	325.904	-2.00	1711+0.000	325.984	325.771	0.214	4.000	325.904	-2.00	4.091	325.768	-150.00
-4.052	326.137	-150.00	-4.000	326.214	-2.00	1712+0.000	326.294	326.124	0.171	4.000	326.214	-2.00	4.086	326.085	-150.00
-4.095	326.382	-150.00	-4.000	326.524	-2.00	1713+0.000	326.604	326.349	0.255	4.000	326.524	-2.00	4.139	326.316	-150.00
-4.175	326.572	-150.00	-4.000	326.834	-2.00	1714+0.000	326.914	326.547	0.367	4.000	326.834	-2.00	4.214	326.513	-150.00
-4.208	326.618	-150.00	-4.000	326.930	-2.00	1715+0.000	327.010	326.598	0.411	4.000	326.930	-2.00	4.237	326.574	-150.00
-4.211	326.489	-150.00	-4.000	326.806	-2.00	1716+0.000	326.886	326.473	0.413	4.000	326.806	-2.00	4.233	326.456	-150.00
-4.282	326.155	-150.00	-4.000	326.578	-2.00	1717+0.000	326.658	326.196	0.462	4.000	326.578	-2.00	4.253	326.198	-150.00
-4.272	325.584	-150.00	-4.000	325.992	-2.00	1718+0.000	326.072	325.606	0.465	4.000	325.992	-2.00	4.242	325.628	-150.00
-4.301	324.940	-150.00	-4.000	325.391	-2.00	1719+0.000	325.471	324.995	0.476	4.000	325.391	-2.00	4.253	325.011	-150.00
-4.304	324.161	-150.00	-4.000	324.616	-2.00	1720+0.000	324.696	324.221	0.475	4.000	324.616	-2.00	4.235	324.264	-150.00
-4.299	323.380	-150.00	-4.000	323.828	-2.00	1721+0.000	323.908	323.421	0.487	4.000	323.828	-2.00	4.245	323.461	-150.00
-4.305	322.553	-150.00	-4.000	323.011	-2.00	1722+0.000	323.091	322.601	0.490	4.000	323.011	-2.00	4.274	322.600	-150.00
-4.320	321.445	-150.00	-4.000	321.925	-2.00	1723+0.000	322.005	321.436	0.569	4.000	321.925	-2.00	4.350	321.399	-150.00
-4.392	320.111	-150.00	-4.000	320.700	-2.00	1724+0.000	320.780	320.116	0.663	4.000	320.700	-2.00	4.380	320.130	-150.00
-4.263	319.080	-150.00	-4.000	319.474	-2.00	1725+0.000	319.554	319.028	0.526	4.000	319.474	-2.00	4.333	318.975	-150.00
-4.238	318.245	-150.00	-4.000	318.602	-2.00	1726+0.000	318.682	318.263	0.419	4.000	318.602	-2.00	4.214	318.281	-150.00
-4.312	317.858	-150.00	-4.000	318.326	-2.00	1727+0.000	318.406	317.771	0.634	4.000	318.326	-2.00	4.429	317.682	-150.00
-4.175	317.772	-150.00	-4.000	318.034	-2.00	1728+0.000	318.114	317.707	0.407	4.000	318.034	-2.00	4.245	317.668	-150.00
-4.181	318.005	-150.00	-4.000	318.277	-2.00	1729+0.000	318.357	318.022	0.336	4.000	318.277	-2.00	4.160	318.038	-150.00
-4.201	318.556	-150.00	-4.000	318.857	-2.00	1730+0.000	318.937	318.576	0.361	4.000	318.857	-2.00	4.159	318.618	-150.00
-4.178	318.764	-150.00	-4.000	319.032	-2.00	1731+0.000	319.112	318.724	0.388	4.000	319.032	-2.00	4.189	318.748	-150.00
-4.131	318.978	-150.00	-4.000	319.175	-2.00	1732+0.000	319.255	318.925	0.330	4.000	319.175	-2.00	4.136	318.971	-150.00
-4.150	319.527	-150.00	-4.000	319.751	-2.00	1733+0.000	319.831	319.478	0.353	4.000	319.751	-2.00	4.214	319.430	-150.00
-4.113	320.158	-150.00	-4.000	320.328	-2.00	1734+0.000	320.408	320.075	0.333	4.000	320.328	-2.00	4.226	319.989	-150.00
-4.132	320.707	-150.00	-4.000	320.904	-2.00	1735+0.000	320.984	320.627	0.357	4.000	320.904	-2.00	4.239	320.546	-150.00
-4.092	321.344	-150.00	-4.000	321.482	-2.00	1736+0.000	321.562	321.293	0.269	4.000	321.482	-2.00	4.158	321.245	-150.00
-4.084	321.934	-150.00	-4.000	322.060	-2.00	1737+0.000	322.140	321.872	0.268	4.000	322.060	-2.00	4.168	321.808	-150.00
-4.155	322.387	-150.00	-4.000	322.619	-2.00	1738+0.000	322.699	322.346	0.353	4.000	322.619	-2.00	4.196	322.325	-150.00
-4.163	322.726	-150.00	-4.000	322.971	-2.00	1739+0.000	323.051	322.712	0.339	4.000	322.971	-2.00	4.182	322.698	-150.00
-4.159	323.049	-150.00	-4.000	323.288	-2.00	1740+0.000	323.368	323.027	0.341	4.000	323.288	-2.00	4.180	323.018	-150.00
-4.243	323.324	-150.00	-4.000	323.687	-2.00	1741+0.000	323.767	323.381	0.386	4.000	323.687	-2.00	4.166	323.438	-150.00
-4.239	323.825	-150.00	-4.000	324.183	-2.00	1742+0.000	324.263	323.893	0.370	4.000	324.183	-2.00	4.149	323.960	-150.00
-4.229	324.345	-150.00	-4.000	324.689	-2.00	1743+0.000	324.769	324.456	0.313	4.000	324.689	-2.00	4.095	324.547	-150.00
-4.095	325.076	-150.00	-4.000	325.218	-2.00	1744+0.000	325.298	325.154	0.144	4.000	325.218	-2.00	4.019	325.231	66.67
-4.113	325.823	66.67	-4.000	325.748	-2.00	1745+0.000	325.828	325.911	-0.083	4.000	325.748	-2.00	4.384	326.004	66.67
-4.532	326.632	66.67	-4.000	326.277	-2.00	1746+0.000	326.357	326.684	-0.327	4.000	326.277	-2.00	4.692	326.739	66.67
-4.615	327.217	66.67	-4.000	326.807	-2.00	1747+0.000	326.887	327.284	-0.397	4.000	326.807	-2.00	4.778	327.326	66.67
-4.538	327.695	66.67	-4.000	327.336	-2.00	1748+0.000	327.416	327.758	-0.342	4.000	327.336	-2.00	4.740	327.829	66.67
-4.185	327.989	66.67	-4.000	327.866	-2.00	1749+0.000	327.946	328.052	-0.107	4.000	327.866	-2.00	4.381	328.119	66.67
-4.067	328.295	-150.00	-4.000	328.395	-2.00	1750+0.000	328.475	328.358	0.117	4.000	328.395	-2.00	4.039	328.421	66.67
-4.184	328.648	-150.00	-4.000	328.924	-2.00	1751+0.000	329.004	328.686	0.318	4.000	328.924	-2.00	4.132	328.727	-150.00
-4.207	329.108	-150.00	-4.000	329.418	-2.00	1752+0.000	329.498	329.150	0.349	4.000	329.418	-2.00	4.151	329.191	-150.00
-4.196	329.613	-150.00	-4.000	329.907	-2.00	1753+0.000	329.987	329.654	0.333	4.000	329.907	-2.00	4.123	329.723	-150.00
-4.188	330.140	-150.00	-4.000	330.422	-2.00	1754+0.000	330.502	330.162	0.340	4.000	330.422	-2.00	4.136	330.218	-150.00
-4.172	330.773	-150.00	-4.000	331.032	-2.00	1755+0.000	331.112	330.777	0.335	4.000	331.032	-2.00	4.150	330.807	-150.00
-4.167	331.353	-150.00	-4.000	331.604	-2.00	1756+0.000	331.684	331.299	0.385	4.000	331.604	-2.00	4.249	331.230	-150.00
-4.247	331.636	-150.00	-4.000	332.007	-2.00	1757+0.000	332.087	331.578	0.509	4.000	332.007	-2.00	4.325	331.519	-150.00
-4.233	332.061	-150.00	-4.000	332.410	-2.00	1758+0.000	332.490	332.011	0.479	4.000	332.410	-2.00	4.306	331.952	-150.00
-4.182	332.541	-150.00	-4.000	332.814	-2.00	1759+0.000	332.894	332.514	0.380	4.000	332.814	-2.00	4.218	332.487	-150.00
-4.021	333.186	-150.00	-4.000	333.217	-2.00	1760+0.000	333.297	333.165	0.132	4.000	333.217	-2.00	4.052	333.139	-150.00
-4.275	333.804	66.67	-4.000	333.620	-2.00	1761+0.000	333.700	333.790	-0.090	4.000	333.620	-2.00	4.186	333.745	66.67
-4.576	334.408	66.67	-4.000	334.024	-2.00	1762+0.000	334.104	334.352	-0.248	4.000	334.024	-2.00	4.406	334.295	66.67
-4.809	334.967	66.67	-4.000	334.427	-2.00	1763+0.000	334.507	334.976	-0.469	4.000	334.427	-2.00	4.752	334.929	66.67
-4.924	335.447	66.67	-4.000	334.830	-2.00	1764+0.000	334.910	335.469	-0.559	4.000	334.830	-2.00	4.979	335.483	66.67
-4.882	335.822	66.67	-4.000	335.234	-2.00	1765+0.000	335.314	335.825	-0.511	4.000	335.234	-2.00	4.857	335.805	66.67
-4.862	336.212	66.67	-4.000	335.637	-2.00	1766+0.000	335.717	336.116	-0.399	4.000	335.637	-2.00	4.608	336.043	66.67
-4.908	336.646	66.67	-4.000	336.040	-2.00	1767+0.000	336.120	336.470	-0.350	4.000	336.040	-2.00	4.408	336.312	66.67
-4.869	337.023	66.67	-4.000	336.444	-2.00	1768+0.000	336.524	336.851	-0.327	4.000	336.444	-2.00	4.378	336.696	66.67
-4.840	337.407	66.67	-4.000	336.847	-2.00	1769+0.000	336.927	337.217	-0.290	4.000	336.847	-2.00	4.312	337.055	66.67
-4.832	337.805	66.67	-4.000	337.250	-2.00	1770+0.000	337.330	337.631	-0.301	4.000	337.250	-2.00	4.216	337.395	66.67
-4.940	338.281	66.67	-4.000	337.654	-2.00	1771+0.000	337.734	337.971	-0.238	4.000	337.654	-2.00	4.085	337.711	66.67
-4.275	338.240	66.67	-4.000	338.057	-2.00	1772+0.000	338.137	338.008	0.128	4.000	338.057	-2.00	4.240	337.697	-150.00
-4.110	337.907	-150.00	-4.000	338.072	-2.00	1773+0.000	338.152	337.712	0.440	4.000	338.072	-2.00	4.381	337.500	-150.00
-4.080	337.451	-150.00	-4.000	337.571	-2.00	1774+0.000	337.651	337.277	0.374	4.000	337.571	-2.00	4.300	337.121	-150.00

-4.045	336.981	-150.00	-4.000	337.049	-2.00	1775+0.000	337.129	336.809	0.320	4.000	337.049	-2.00	4.281	336.627	-150.00
-4.088	336.395	-150.00	-4.000	336.527	-2.00	1776+0.000	336.607	336.186	0.421	4.000	336.527	-2.00	4.365	335.980	-150.00
-4.108	336.083	-150.00	-4.000	336.245	-2.00	1777+0.000	336.325	335.905	0.420	4.000	336.245	-2.00	4.360	335.705	-150.00
-4.126	335.908	-150.00	-4.000	336.098	-2.00	1778+0.000	336.178	335.719	0.459	4.000	336.098	-2.00	4.382	335.524	-150.00
-4.107	335.790	-150.00	-4.000	335.950	-2.00	1779+0.000	336.030	335.607	0.423	4.000	335.950	-2.00	4.357	335.415	-150.00
-4.088	335.730	-150.00	-4.000	335.862	-2.00	1780+0.000	335.942	335.561	0.382	4.000	335.862	-2.00	4.335	335.360	-150.00
-4.121	335.813	-150.00	-4.000	335.994	-2.00	1781+0.000	336.074	335.616	0.458	4.000	335.994	-2.00	4.392	335.406	-150.00
-4.124	335.945	-150.00	-4.000	336.131	-2.00	1782+0.000	336.211	335.766	0.445	4.000	336.131	-2.00	4.370	335.576	-150.00
-4.181	335.986	-150.00	-4.000	336.257	-2.00	1783+0.000	336.337	335.917	0.420	4.000	336.257	-2.00	4.300	335.808	-150.00
-4.175	335.609	-150.00	-4.000	335.873	-2.00	1784+0.000	335.953	335.494	0.459	4.000	335.873	-2.00	4.333	335.372	-150.00
-4.149	335.109	-150.00	-4.000	335.333	-2.00	1785+0.000	335.413	334.991	0.422	4.000	335.333	-2.00	4.310	334.868	-150.00
-4.146	334.575	-150.00	-4.000	334.794	-2.00	1786+0.000	334.874	334.460	0.415	4.000	334.794	-2.00	4.292	334.356	-150.00
-4.076	334.121	-150.00	-4.000	334.235	-2.00	1787+0.000	334.315	333.868	0.447	4.000	334.235	-2.00	4.417	333.610	-150.00
-4.116	333.453	-150.00	-4.000	333.627	-2.00	1788+0.000	333.707	333.211	0.496	4.000	333.627	-2.00	4.452	332.949	-150.00
-4.092	332.885	-150.00	-4.000	333.024	-2.00	1789+0.000	333.104	332.652	0.451	4.000	333.024	-2.00	4.412	332.406	-150.00
-4.089	332.517	-150.00	-4.000	332.651	-2.00	1790+0.000	332.731	332.286	0.444	4.000	332.651	-2.00	4.409	332.037	-150.00
-4.130	331.949	-150.00	-4.000	332.144	-2.00	1791+0.000	332.224	331.682	0.541	4.000	332.144	-2.00	4.502	331.391	-150.00
-4.110	331.357	-150.00	-4.000	331.522	-2.00	1792+0.000	331.602	331.123	0.479	4.000	331.522	-2.00	4.435	330.870	-150.00
-4.112	330.704	-150.00	-4.000	330.871	-2.00	1793+0.000	330.951	330.499	0.452	4.000	330.871	-2.00	4.395	330.280	-150.00
-4.176	330.294	-150.00	-4.000	330.558	-2.00	1794+0.000	330.638	330.083	0.555	4.000	330.558	-2.00	4.463	329.863	-150.00
-4.227	330.299	-150.00	-4.000	330.640	-2.00	1795+0.000	330.720	330.091	0.629	4.000	330.640	-2.00	4.515	329.868	-150.00
-4.087	330.681	-150.00	-4.000	330.812	-2.00	1796+0.000	330.892	330.519	0.372	4.000	330.812	-2.00	4.308	330.350	-150.00
-4.164	331.707	-150.00	-4.000	331.954	-2.00	1797+0.000	332.034	331.722	0.312	4.000	331.954	-2.00	4.145	331.736	-150.00
-4.047	333.030	-150.00	-4.000	333.100	-2.00	1798+0.000	333.180	333.065	0.115	4.000	333.100	-2.00	4.005	333.092	-150.00
-4.231	333.721	-150.00	-4.000	334.068	-2.00	1799+0.000	334.148	333.781	0.367	4.000	334.068	-2.00	4.152	333.839	-150.00
-4.259	334.355	-150.00	-4.000	334.744	-2.00	1800+0.000	334.824	334.414	0.410	4.000	334.744	-2.00	4.181	334.472	-150.00
-4.204	334.822	-150.00	-4.000	335.128	-2.00	1801+0.000	335.208	334.859	0.349	4.000	335.128	-2.00	4.155	334.895	-150.00
-4.217	334.894	-150.00	-4.000	335.219	-2.00	1802+0.000	335.299	334.949	0.350	4.000	335.219	-2.00	4.133	335.019	-150.00
-4.138	334.813	-150.00	-4.000	335.020	-2.00	1803+0.000	335.100	334.861	0.239	4.000	335.020	-2.00	4.075	334.907	-150.00
-4.062	334.611	-150.00	-4.000	334.704	-2.00	1804+0.000	334.784	334.653	0.132	4.000	334.704	-2.00	4.022	334.672	-150.00
-4.087	334.258	-150.00	-4.000	334.389	-2.00	1805+0.000	334.469	334.258	0.210	4.000	334.389	-2.00	4.087	334.258	-150.00
-4.148	333.852	-150.00	-4.000	334.073	-2.00	1806+0.000	334.153	333.852	0.301	4.000	334.073	-2.00	4.147	333.853	-150.00
-4.202	333.454	-150.00	-4.000	333.757	-2.00	1807+0.000	333.837	333.515	0.322	4.000	333.757	-2.00	4.121	333.575	-150.00
-4.216	333.118	-150.00	-4.000	333.442	-2.00	1808+0.000	333.522	333.121	0.401	4.000	333.442	-2.00	4.181	333.171	-150.00
-4.222	332.813	-150.00	-4.000	333.146	-2.00	1809+0.000	333.226	332.775	0.451	4.000	333.146	-2.00	4.254	332.764	-150.00
-4.270	332.459	-150.00	-4.000	332.865	-2.00	1810+0.000	332.945	332.425	0.520	4.000	332.865	-2.00	4.317	332.389	-150.00
-4.463	331.889	-150.00	-4.000	332.584	-2.00	1811+0.000	332.664	331.852	0.812	4.000	332.584	-2.00	4.419	331.955	-150.00
-4.553	331.474	-150.00	-4.000	332.303	-2.00	1812+0.000	332.383	331.581	0.802	4.000	332.303	-2.00	4.412	331.685	-150.00
-4.575	331.160	-150.00	-4.000	332.022	-2.00	1813+0.000	332.102	331.311	0.791	4.000	332.022	-2.00	4.343	331.508	-150.00
-4.431	331.094	-150.00	-4.000	331.741	-2.00	1814+0.000	331.821	331.294	0.527	4.000	331.741	-2.00	4.173	331.481	-150.00
-4.357	331.060	-150.00	-4.000	331.595	-2.00	1815+0.000	331.675	331.296	0.379	4.000	331.595	-2.00	4.052	331.518	-150.00
-4.308	331.551	-150.00	-4.000	332.013	-2.00	1816+0.000	332.093	331.702	0.391	4.000	332.013	-2.00	4.061	331.922	-150.00
-4.224	332.131	-150.00	-4.000	332.467	-2.00	1817+0.000	332.547	332.135	0.412	4.000	332.467	-2.00	4.102	332.314	-150.00
-4.152	332.693	-150.00	-4.000	332.921	-2.00	1818+0.000	333.001	332.662	0.339	4.000	332.921	-2.00	4.117	332.745	-150.00
-4.146	333.681	-150.00	-4.000	333.899	-2.00	1819+0.000	333.979	333.698	0.281	4.000	333.899	-2.00	4.111	333.733	-150.00
-4.188	334.575	-150.00	-4.000	334.856	-2.00	1820+0.000	334.936	334.580	0.357	4.000	334.856	-2.00	4.179	334.587	-150.00
-4.178	335.215	-150.00	-4.000	335.482	-2.00	1821+0.000	335.562	335.222	0.339	4.000	335.482	-2.00	4.168	335.229	-150.00
-4.175	335.646	-150.00	-4.000	335.908	-2.00	1822+0.000	335.988	335.627	0.362	4.000	335.908	-2.00	4.207	335.598	-150.00
-4.188	335.924	-150.00	-4.000	336.206	-2.00	1823+0.000	336.286	335.890	0.396	4.000	336.206	-2.00	4.262	335.812	-150.00
-4.168	336.064	-150.00	-4.000	336.316	-2.00	1824+0.000	336.396	335.980	0.416	4.000	336.316	-2.00	4.289	335.883	-150.00
-4.254	335.502	-150.00	-4.000	335.883	-2.00	1825+0.000	335.963	335.445	0.518	4.000	335.883	-2.00	4.330	335.387	-150.00
-4.276	334.855	-150.00	-4.000	335.269	-2.00	1826+0.000	335.349	334.778	0.571	4.000	335.269	-2.00	4.379	334.700	-150.00
-4.207	334.344	-150.00	-4.000	334.655	-2.00	1827+0.000	334.735	334.259	0.476	4.000	334.655	-2.00	4.323	334.171	-150.00
-4.170	333.867	-150.00	-4.000	334.122	-2.00	1828+0.000	334.202	333.769	0.433	4.000	334.122	-2.00	4.309	333.659	-150.00
-4.153	333.435	-150.00	-4.000	333.664	-2.00	1829+0.000	333.744	333.333	0.411	4.000	333.664	-2.00	4.283	333.239	-150.00
-4.108	333.824	-150.00	-4.000	333.985	-2.00	1830+0.000	334.065	333.691	0.374	4.000	333.985	-2.00	4.288	333.553	-150.00
-4.111	334.249	-150.00	-4.000	334.415	-2.00	1831+0.000	334.495	334.108	0.387	4.000	334.415	-2.00	4.302	333.962	-150.00
-4.091	334.709	-150.00	-4.000	334.845	-2.00	1832+0.000	334.925	334.565	0.360	4.000	334.845	-2.00	4.287	334.415	-150.00
-4.096	335.032	-150.00	-4.000	335.176	-2.00	1833+0.000	335.256	334.867	0.389	4.000	335.176	-2.00	4.314	334.705	-150.00
-4.155	335.094	-150.00	-4.000	335.327	-2.00	1834+0.000	335.407	334.953	0.454	4.000	335.327	-2.00	4.321	334.845	-150.00
-4.177	334.606	-150.00	-4.000	334.871	-2.00	1835+0.000	334.951	334.501	0.450	4.000	334.871	-2.00	4.333	334.372	-150.00
-4.187	333.851	-150.00	-4.000	334.132	-2.00	1836+0.000	334.212	333.713	0.498	4.000	334.132	-2.00	4.375	333.570	-150.00
-4.173	333.038	-150.00	-4.000	333.297	-2.00	1837+0.000	333.377	332.915	0.462	4.000	333.297	-2.00	4.342	332.784	-150.00
-4.194	332.172	-150.00	-4.000	332.463	-2.00	1838+0.000	332.543	332.057	0.486	4.000	332.463	-2.00	4.351	331.936	-150.00
-4.176	331.441	-150.00	-4.000	331.705	-2.00	1839+0.000	331.785	331.345	0.440	4.000	331.705	-2.00	4.306	331.246	-150.00
-4.176	331.017	-150.00	-4.000	331.281	-2.00	1840+0.000	331.361	330.924	0.437	4.000	331.281	-2.00	4.270	330.876	-150.00
-4.221	330.805	-150.00	-4.000	331.137	-2.00	1841+0.000	331.217	330.789	0.428	4.000	331.137	-2.00	4.244	330.772	-150.00
-4.220	330.746	-150.00	-4.000	331.076	-2.00	1842+0.000	331.156	330.750	0.406	4.000	331.076	-2.00	4.214	330.755	-150.00
-4.178	330.749	-150.00	-4.000	331.016	-2.00	1843+0.000	331.096	330.775	0.321	4.000	331.016	-2.00	4.144	330.800	-150.00
-4.128	330.763	-150.00	-4.000	330.955	-2.00	1844+0.000	331.035	330.780	0.255	4.000	330.955	-2.00	4.105	330.797	-150.00
-4.161	330.653	-150.00	-4.000	330.894	-2.00	1845+0.000	330.974	330.649	0.326	4.000	330.894	-2.00	4.174	330.633	-150.00
-4.179	330.565	-150.00	-4.000	330.834	-2.00	1846+0.000	330.914	330.541	0.373	4.000	330.834	-2.00	4.194	330.542	-150.00
-4.189	330.604	-150.00	-4.000	330.887	-2.00	1847+0.000	330.967	330.564	0.403	4.000	330.887	-2.00	4.243	330.523	-150.00
-4.446	330.760	-150.00	-4.000	331.429	-2.00	1848+0.000	331.509	330.705	0.804	4.000	331.429	-2.00	4.520	330.649	-150.00
-4.292	331.538	-150.00	-4.000	331.975	-2.00	1849+0.000	332.055	331.411	0.645	4.000	331.975	-2.00	4.464	331.279	-150.00
-4.216	332.198	-150.00	-4.000	332.522	-2.00	1850+0.000	332.602	332.059	0.543	4.000	332.522	-2.00	4.411	331.905	-150.00
-4.093	332.929	-150.00	-4.000	333.069	-2.00	1851+0.000	333.149	332.783	0.366	4.000	333.069	-2.00	4.282	332.646	-150.00
-4.088	333.445	-150.00	-4.000	333.577	-2.00	1852+0.000	333.657	333.294	0.363	4.000	333.577	-2.00	4.295	333.135	-150.00
-4.118	333.841	-150.00	-4.000	334.018	-2.00	1853+0.000	334.098	333.736	0.362	4.000	334.018	-2.00	4.284	333.592	-150.00
-4.147	333.805	-150.00	-4.000	334.026	-2.00	1854+0.000	334.106	333.691	0.415	4.000	334.026	-2.00	4.302	333.572	-150.00
-4.168	333.633	-150.00	-4.000	333.885	-2.00	1855+0.000	333.965	333.532	0.433	4.000	333.885	-2.00	4.280	333.465	-150.00

-4.142	333.407	-150.00	-4.000	333.620	-2.00	1856+0.000	333.700	333.351	0.349	4.000	333.620	-2.00	4.212	333.301	-150.00
-4.185	333.077	-150.00	-4.000	333.355	-2.00	1857+0.000	333.435	333.030	0.404	4.000	333.355	-2.00	4.248	332.983	-150.00
-4.205	332.839	-150.00	-4.000	333.147	-2.00	1858+0.000	333.227	332.820	0.407	4.000	333.147	-2.00	4.231	332.800	-150.00
-4.232	332.709	-150.00	-4.000	333.057	-2.00	1859+0.000	333.137	332.654	0.482	4.000	333.057	-2.00	4.305	332.599	-150.00
-4.306	332.507	-150.00	-4.000	332.967	-2.00	1860+0.000	333.047	332.449	0.598	4.000	332.967	-2.00	4.390	332.381	-150.00
-4.386	332.298	-150.00	-4.000	332.877	-2.00	1861+0.000	332.957	332.220	0.737	4.000	332.877	-2.00	4.491	332.140	-150.00
-4.450	332.111	-150.00	-4.000	332.787	-2.00	1862+0.000	332.867	332.012	0.854	4.000	332.787	-2.00	4.584	331.910	-150.00
-4.529	331.904	-150.00	-4.000	332.697	-2.00	1863+0.000	332.777	331.827	0.950	4.000	332.697	-2.00	4.617	331.772	-150.00
-4.423	331.972	-150.00	-4.000	332.607	-2.00	1864+0.000	332.687	331.915	0.772	4.000	332.607	-2.00	4.499	331.858	-150.00
-4.218	332.190	-150.00	-4.000	332.517	-2.00	1865+0.000	332.597	332.135	0.462	4.000	332.517	-2.00	4.292	332.078	-150.00
-4.163	332.463	-150.00	-4.000	332.708	-2.00	1866+0.000	332.788	332.445	0.343	4.000	332.708	-2.00	4.187	332.426	-150.00
-4.151	332.964	-150.00	-4.000	333.191	-2.00	1867+0.000	333.271	332.936	0.335	4.000	333.191	-2.00	4.200	332.891	-150.00
-4.101	333.522	-150.00	-4.000	333.674	-2.00	1868+0.000	333.754	333.405	0.349	4.000	333.674	-2.00	4.230	333.329	-150.00
-4.094	333.939	-150.00	-4.000	334.080	-2.00	1869+0.000	334.160	333.808	0.352	4.000	334.080	-2.00	4.257	333.695	-150.00
-4.076	334.304	-150.00	-4.000	334.417	-2.00	1870+0.000	334.497	334.174	0.323	4.000	334.417	-2.00	4.257	334.032	-150.00
-4.094	334.613	-150.00	-4.000	334.754	-2.00	1871+0.000	334.834	334.475	0.359	4.000	334.754	-2.00	4.283	334.330	-150.00
-4.093	334.791	-150.00	-4.000	334.931	-2.00	1872+0.000	335.011	334.597	0.415	4.000	334.931	-2.00	4.361	334.390	-150.00
-4.081	334.853	-150.00	-4.000	334.975	-2.00	1873+0.000	335.055	334.618	0.437	4.000	334.975	-2.00	4.407	334.363	-150.00
-4.072	334.664	-150.00	-4.000	334.772	-2.00	1874+0.000	334.852	334.429	0.423	4.000	334.772	-2.00	4.399	334.174	-150.00
-4.069	334.463	-150.00	-4.000	334.566	-2.00	1875+0.000	334.646	334.223	0.424	4.000	334.566	-2.00	4.402	333.964	-150.00
-4.100	334.216	-150.00	-4.000	334.366	-2.00	1876+0.000	334.446	333.964	0.482	4.000	334.366	-2.00	4.450	333.691	-150.00
-4.166	333.917	-150.00	-4.000	334.166	-2.00	1877+0.000	334.246	333.689	0.557	4.000	334.166	-2.00	4.481	333.445	-150.00
-4.109	333.803	-150.00	-4.000	333.967	-2.00	1878+0.000	334.047	333.576	0.471	4.000	333.967	-2.00	4.423	333.332	-150.00
-4.080	333.629	-150.00	-4.000	333.749	-2.00	1879+0.000	333.829	333.405	0.424	4.000	333.749	-2.00	4.389	333.165	-150.00
-4.079	333.378	-150.00	-4.000	333.497	-2.00	1880+0.000	333.577	333.160	0.417	4.000	333.497	-2.00	4.381	332.926	-150.00
-4.051	333.180	-150.00	-4.000	333.256	-2.00	1881+0.000	333.336	332.943	0.392	4.000	333.256	-2.00	4.363	332.711	-150.00
-4.138	333.377	66.67	-4.000	333.285	-2.00	1882+0.000	333.365	333.138	0.227	4.000	333.285	-2.00	4.262	332.892	-150.00
-4.621	333.596	66.67	-4.000	333.181	-2.00	1883+0.000	333.261	333.360	-0.099	4.000	333.181	-2.00	4.033	333.132	-150.00
-4.170	333.191	66.67	-4.000	333.078	-2.00	1884+0.000	333.158	332.950	0.208	4.000	333.078	-2.00	4.249	332.704	-150.00
-4.046	332.715	-150.00	-4.000	332.784	-2.00	1885+0.000	332.864	332.451	0.413	4.000	332.784	-2.00	4.419	332.155	-150.00
-4.143	331.857	-150.00	-4.000	332.072	-2.00	1886+0.000	332.152	331.654	0.498	4.000	332.072	-2.00	4.423	331.437	-150.00
-4.167	330.813	-150.00	-4.000	331.064	-2.00	1887+0.000	331.144	330.654	0.489	4.000	331.064	-2.00	4.384	330.487	-150.00
-4.156	329.785	-150.00	-4.000	330.019	-2.00	1888+0.000	330.099	329.640	0.458	4.000	330.019	-2.00	4.351	329.492	-150.00
-4.078	328.907	-150.00	-4.000	329.025	-2.00	1889+0.000	329.105	328.787	0.318	4.000	329.025	-2.00	4.242	328.662	-150.00
-4.163	328.148	-150.00	-4.000	328.393	-2.00	1890+0.000	328.473	328.027	0.446	4.000	328.393	-2.00	4.277	327.978	-150.00
-4.177	327.874	-150.00	-4.000	328.139	-2.00	1891+0.000	328.219	327.833	0.386	4.000	328.139	-2.00	4.232	327.792	-150.00
-4.185	327.851	-150.00	-4.000	328.128	-2.00	1892+0.000	328.208	327.809	0.398	4.000	328.128	-2.00	4.240	327.768	-150.00
-4.196	328.032	-150.00	-4.000	328.326	-2.00	1893+0.000	328.406	328.069	0.338	4.000	328.326	-2.00	4.140	328.117	-150.00
-4.200	328.453	-150.00	-4.000	328.752	-2.00	1894+0.000	328.832	328.489	0.343	4.000	328.752	-2.00	4.151	328.525	-150.00
-4.211	328.930	-150.00	-4.000	329.246	-2.00	1895+0.000	329.326	329.000	0.326	4.000	329.246	-2.00	4.098	329.099	-150.00
-4.206	329.708	-150.00	-4.000	330.017	-2.00	1896+0.000	330.097	329.760	0.338	4.000	330.017	-2.00	4.138	329.811	-150.00
-4.237	330.104	-150.00	-4.000	330.460	-2.00	1897+0.000	330.540	330.202	0.337	4.000	330.460	-2.00	4.090	330.325	-150.00
-4.205	330.913	-150.00	-4.000	331.220	-2.00	1898+0.000	331.300	331.032	0.268	4.000	331.220	-2.00	4.045	331.152	-150.00
-4.267	331.758	-150.00	-4.000	332.159	-2.00	1899+0.000	332.239	331.973	0.266	4.000	332.159	-2.00	4.014	332.138	-150.00
-4.263	332.940	-150.00	-4.000	333.334	-2.00	1900+0.000	333.414	333.154	0.259	4.000	333.334	-2.00			
-4.323	334.023	-150.00	-4.000	334.508	-2.00	1901+0.000	334.588	334.304	0.283	4.000	334.508	-2.00	4.069	334.553	66.67
-4.377	334.969	-150.00	-4.000	335.533	-2.00	1902+0.000	335.613	335.269	0.344	4.000	335.533	-2.00	4.030	335.553	66.67
-4.374	335.673	-150.00	-4.000	336.234	-2.00	1903+0.000	336.314	335.981	0.333	4.000	336.234	-2.00	4.049	336.267	66.67
-4.369	335.898	-150.00	-4.000	336.452	-2.00	1904+0.000	336.532	336.201	0.330	4.000	336.452	-2.00	4.046	336.482	66.67
-4.127	335.983	-150.00	-4.000	336.174	-2.00	1905+0.000	336.254	336.261	-0.006	4.000	336.174	-2.00	4.592	336.569	66.67
-4.053	335.814	-150.00	-4.000	335.893	-2.00	1906+0.000	335.973	336.084	-0.111	4.000	335.893	-2.00	4.761	336.401	66.67
-4.100	335.462	-150.00	-4.000	335.612	-2.00	1907+0.000	335.692	335.729	-0.037	4.000	335.612	-2.00	4.600	336.012	66.67
-4.218	335.003	-150.00	-4.000	335.330	-2.00	1908+0.000	335.410	335.264	0.147	4.000	335.330	-2.00	4.298	335.529	66.67
-4.284	334.623	-150.00	-4.000	335.049	-2.00	1909+0.000	335.129	334.836	0.293	4.000	335.049	-2.00	4.008	335.037	-150.00
-4.332	334.270	-150.00	-4.000	334.768	-2.00	1910+0.000	334.848	334.484	0.364	4.000	334.768	-2.00	4.055	334.685	-150.00
-4.328	334.001	-150.00	-4.000	334.493	-2.00	1911+0.000	334.573	334.181	0.392	4.000	334.493	-2.00	4.094	334.352	-150.00
-4.592	333.957	-150.00	-4.000	334.845	-2.00	1912+0.000	334.925	334.136	0.788	4.000	334.845	-2.00	4.359	334.307	-150.00
-4.733	334.282	-150.00	-4.000	335.382	-2.00	1913+0.000	335.462	334.462	1.000	4.000	335.382	-2.00	4.501	334.631	-150.00
-4.770	334.764	-150.00	-4.000	335.919	-2.00	1914+0.000	335.999	334.898	1.101	4.000	335.919	-2.00	4.594	335.028	-150.00
-4.607	335.547	-150.00	-4.000	336.457	-2.00	1915+0.000	336.537	335.668	0.869	4.000	336.457	-2.00	4.448	335.785	-150.00
-4.477	336.279	-150.00	-4.000	336.994	-2.00	1916+0.000	337.074	336.443	0.631	4.000	336.994	-2.00	4.263	336.600	-150.00
-4.308	337.070	-150.00	-4.000	337.532	-2.00	1917+0.000	337.612	337.240	0.372	4.000	337.532	-2.00	4.087	337.401	-150.00
-4.306	337.626	-150.00	-4.000	338.085	-2.00	1918+0.000	338.165	337.826	0.340	4.000	338.085	-2.00	4.052	338.007	-150.00
-4.316	338.141	-150.00	-4.000	338.615	-2.00	1919+0.000	338.695	338.340	0.355	4.000	338.615	-2.00	4.057	338.530	-150.00
-4.238	338.665	-150.00	-4.000	339.022	-2.00	1920+0.000	339.102	338.856	0.246	4.000	339.022	-2.00	4.022	339.036	66.67
-4.220	339.077	-150.00	-4.000	339.407	-2.00	1921+0.000	339.487	339.255	0.231	4.000	339.407	-2.00	4.050	339.440	66.67
-4.232	339.444	-150.00	-4.000	339.791	-2.00	1922+0.000	339.871	339.639	0.233	4.000	339.791	-2.00	4.051	339.826	66.67
-4.329	339.657	-150.00	-4.000	340.151	-2.00	1923+0.000	340.231	339.861	0.370	4.000	340.151	-2.00	4.068	340.048	-150.00
-4.303	339.882	-150.00	-4.000	340.337	-2.00	1924+0.000	340.417	340.033	0.384	4.000	340.337	-2.00	4.106	340.177	-150.00
-4.267	339.998	-150.00	-4.000	340.398	-2.00	1925+0.000	340.478	340.148	0.331	4.000	340.398	-2.00	4.071	340.291	-150.00
-4.225	340.121	-150.00	-4.000	340.458	-2.00	1926+0.000	340.538	340.273	0.266	4.000	340.458	-2.00	4.025	340.421	-150.00
-4.216	340.194	-150.00	-4.000	340.518	-2.00	1927+0.000	340.598	340.337	0.261	4.000	340.518	-2.00	4.029	340.474	-150.00
-4.336	340.075	-150.00	-4.000	340.578	-2.00	1928+0.000	340.658	340.282	0.376	4.000	340.578	-2.00	4.088	340.447	-150.00
-4.477	339.736	-150.00	-4.000	340.451	-2.00	1929+0.000	340.531	340.049	0.482	4.000	340.451	-2.00	4.078	340.334	-150.00
-4.539	339.410	-150.00	-4.000	340.218	-2.00	1930+0.000	340.298	339.726	0.572	4.000	340.218	-2.00	4.136	340.014	-150.00
-4.617	339.060	-150.00	-4.000	339.985	-2.00	1931+0.000	340.065	339.353	0.712	4.000	339.985	-2.00	4.241	339.623	-150.00
-4.532	338.954	-150.00	-4.000	339.752	-2.00	1932+0.000	339.832	339.260	0.572	4.000	339.752	-2.00	4.141	339.540	-150.00
-4.380	339.047	-150.00	-4.000	339.618	-2.00	1933+0.000	339.698	339.323	0.375	4.000	339.618	-2.00	4.028	339.576	-150.00
-4.396	339.364	-150.00	-4.000	339.958	-2.00	1934+0.000	340.038	339.640	0.397	4.000	339.958	-2.00	4.042	339.894	-150.00
-4.331	339.828	-150.00	-4.000	340.324	-2.00	1935+0.000	340.404	340.039	0.366	4.000	340.324	-2.00	4.059	340.236	-150.00
-4.294	340.356	-150.00	-4.000	340.797	-2.00	1936+0.000	340.877	340.502	0.376	4.000	340.797	-2.00	4.105	340.641	-150.00

Geraldo Ledesma da S... Ilho
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-4.217	340.540	-150.00	-4.000	340.865	-2.00	1937+0.000	340.945	340.688	0.257	4.000	340.865	-2.00	4.030	340.821	-150.00
-4.210	340.538	-150.00	-4.000	340.852	-2.00	1938+0.000	340.932	340.687	0.245	4.000	340.852	-2.00	4.015	340.830	-150.00
-4.301	340.388	-150.00	-4.000	340.840	-2.00	1939+0.000	340.920	340.537	0.383	4.000	340.840	-2.00	4.107	340.679	-150.00
-4.359	340.001	-150.00	-4.000	340.539	-2.00	1940+0.000	340.619	340.173	0.446	4.000	340.539	-2.00	4.162	340.296	-150.00
-4.434	339.425	-150.00	-4.000	340.077	-2.00	1941+0.000	340.157	339.624	0.533	4.000	340.077	-2.00	4.177	339.811	-150.00
-4.341	338.344	-150.00	-4.000	338.855	-2.00	1942+0.000	338.935	338.521	0.414	4.000	338.855	-2.00	4.115	338.683	-150.00
-4.364	337.084	-150.00	-4.000	337.629	-2.00	1943+0.000	337.709	337.253	0.456	4.000	337.629	-2.00	4.143	337.415	-150.00
-4.402	335.800	-150.00	-4.000	336.403	-2.00	1944+0.000	336.483	335.950	0.533	4.000	336.403	-2.00	4.197	336.107	-150.00
-4.362	334.868	-150.00	-4.000	335.411	-2.00	1945+0.000	335.491	335.022	0.469	4.000	335.411	-2.00	4.162	335.168	-150.00
-4.270	334.424	-150.00	-4.000	334.830	-2.00	1946+0.000	334.910	334.462	0.447	4.000	334.830	-2.00	4.213	334.510	-150.00
-4.409	334.344	-150.00	-4.000	334.957	-2.00	1947+0.000	335.037	334.380	0.658	4.000	334.957	-2.00	4.361	334.415	-150.00
-4.360	334.545	-150.00	-4.000	335.085	-2.00	1948+0.000	335.165	334.552	0.612	4.000	335.085	-2.00	4.352	334.557	-150.00
-4.315	334.741	-150.00	-4.000	335.213	-2.00	1949+0.000	335.293	334.718	0.575	4.000	335.213	-2.00	4.345	334.695	-150.00
-4.214	335.019	-150.00	-4.000	335.340	-2.00	1950+0.000	335.420	334.991	0.430	4.000	335.340	-2.00	4.253	334.962	-150.00
-4.231	335.015	-150.00	-4.000	335.362	-2.00	1951+0.000	335.442	334.995	0.447	4.000	335.362	-2.00	4.245	334.995	-150.00
-4.281	334.831	-150.00	-4.000	335.253	-2.00	1952+0.000	335.333	334.854	0.479	4.000	335.253	-2.00	4.252	334.875	-150.00
-4.303	334.689	-150.00	-4.000	335.143	-2.00	1953+0.000	335.223	334.712	0.511	4.000	335.143	-2.00	4.277	334.728	-150.00
-4.270	334.629	-150.00	-4.000	335.033	-2.00	1954+0.000	335.113	334.616	0.498	4.000	335.033	-2.00	4.287	334.602	-150.00
-4.194	334.632	-150.00	-4.000	334.924	-2.00	1955+0.000	335.004	334.600	0.404	4.000	334.924	-2.00	4.238	334.567	-150.00
-4.134	335.110	-150.00	-4.000	335.311	-2.00	1956+0.000	335.391	335.084	0.307	4.000	335.311	-2.00	4.169	335.058	-150.00
-4.136	335.818	-150.00	-4.000	336.023	-2.00	1957+0.000	336.103	335.796	0.307	4.000	336.023	-2.00	4.191	335.736	-150.00
-4.133	336.535	-150.00	-4.000	336.734	-2.00	1958+0.000	336.814	336.475	0.339	4.000	336.734	-2.00	4.227	336.394	-150.00
-4.210	336.716	-150.00	-4.000	337.030	-2.00	1959+0.000	337.110	336.663	0.447	4.000	337.030	-2.00	4.280	336.610	-150.00
-4.166	336.914	-150.00	-4.000	337.163	-2.00	1960+0.000	337.243	336.938	0.305	4.000	337.163	-2.00	4.134	336.962	-150.00
-4.270	336.891	-150.00	-4.000	337.296	-2.00	1961+0.000	337.376	336.951	0.426	4.000	337.296	-2.00	4.191	337.009	-150.00
-4.306	336.970	-150.00	-4.000	337.430	-2.00	1962+0.000	337.510	337.068	0.442	4.000	337.430	-2.00	4.170	337.174	-150.00
-4.293	337.124	-150.00	-4.000	337.563	-2.00	1963+0.000	337.643	337.244	0.399	4.000	337.563	-2.00	4.127	337.373	-150.00
-4.326	337.141	-150.00	-4.000	337.630	-2.00	1964+0.000	337.710	337.292	0.418	4.000	337.630	-2.00	4.129	337.437	-150.00
-4.333	337.159	-150.00	-4.000	337.658	-2.00	1965+0.000	337.738	337.332	0.407	4.000	337.658	-2.00	4.109	337.495	-150.00
-4.299	337.063	-150.00	-4.000	337.511	-2.00	1966+0.000	337.591	337.220	0.370	4.000	337.511	-2.00	4.094	337.370	-150.00
-4.314	336.878	-150.00	-4.000	337.349	-2.00	1967+0.000	337.429	337.033	0.396	4.000	337.349	-2.00	4.112	337.181	-150.00
-4.282	336.767	-150.00	-4.000	337.190	-2.00	1968+0.000	337.270	336.905	0.365	4.000	337.190	-2.00	4.103	337.036	-150.00
-4.270	336.633	-150.00	-4.000	337.039	-2.00	1969+0.000	337.119	336.721	0.398	4.000	337.039	-2.00	4.155	336.806	-150.00
-4.225	336.633	-150.00	-4.000	336.970	-2.00	1970+0.000	337.050	336.670	0.380	4.000	336.970	-2.00	4.176	336.707	-150.00
-4.196	336.680	-150.00	-4.000	336.974	-2.00	1971+0.000	337.054	336.714	0.340	4.000	336.974	-2.00	4.170	336.718	-150.00
-4.300	336.996	-150.00	-4.000	337.446	-2.00	1972+0.000	337.526	336.984	0.542	4.000	337.446	-2.00	4.309	336.982	-150.00
-4.268	337.517	-150.00	-4.000	337.919	-2.00	1973+0.000	337.999	337.502	0.498	4.000	337.919	-2.00	4.291	337.484	-150.00
-4.139	338.233	-150.00	-4.000	338.441	-2.00	1974+0.000	338.521	338.223	0.299	4.000	338.441	-2.00	4.157	338.206	-150.00
-4.121	339.393	-150.00	-4.000	339.574	-2.00	1975+0.000	339.654	339.382	0.272	4.000	339.574	-2.00	4.145	339.356	-150.00
-4.124	340.591	-150.00	-4.000	340.777	-2.00	1976+0.000	340.857	340.595	0.262	4.000	340.777	-2.00	4.135	340.575	-150.00
-4.129	341.856	-150.00	-4.000	342.050	-2.00	1977+0.000	342.130	341.862	0.268	4.000	342.050	-2.00	4.130	341.855	-150.00
-4.153	342.928	-150.00	-4.000	343.157	-2.00	1978+0.000	343.237	342.941	0.296	4.000	343.157	-2.00	4.145	342.940	-150.00
-4.177	343.779	-150.00	-4.000	344.045	-2.00	1979+0.000	344.125	343.775	0.350	4.000	344.045	-2.00	4.195	343.753	-150.00
-4.170	344.360	-150.00	-4.000	344.615	-2.00	1980+0.000	344.695	344.351	0.343	4.000	344.615	-2.00	4.193	344.326	-150.00
-4.182	344.721	-150.00	-4.000	344.994	-2.00	1981+0.000	345.074	344.705	0.369	4.000	344.994	-2.00	4.210	344.678	-150.00
-4.198	344.991	-150.00	-4.000	345.289	-2.00	1982+0.000	345.369	344.979	0.390	4.000	345.289	-2.00	4.220	344.959	-150.00
-4.216	345.152	-150.00	-4.000	345.476	-2.00	1983+0.000	345.556	345.168	0.388	4.000	345.476	-2.00	4.218	345.149	-150.00
-4.226	345.323	-150.00	-4.000	345.663	-2.00	1984+0.000	345.743	345.364	0.379	4.000	345.663	-2.00	4.173	345.403	-150.00
-4.235	345.484	-150.00	-4.000	345.836	-2.00	1985+0.000	345.916	345.515	0.400	4.000	345.836	-2.00	4.191	345.550	-150.00
-4.240	345.545	-150.00	-4.000	345.906	-2.00	1986+0.000	345.986	345.604	0.382	4.000	345.906	-2.00	4.163	345.661	-150.00
-4.272	345.561	-150.00	-4.000	345.968	-2.00	1987+0.000	346.048	345.608	0.440	4.000	345.968	-2.00	4.208	345.656	-150.00
-4.349	345.507	-150.00	-4.000	346.031	-2.00	1988+0.000	346.111	345.587	0.524	4.000	346.031	-2.00	4.251	345.655	-150.00
-4.536	345.290	-150.00	-4.000	346.093	-2.00	1989+0.000	346.173	345.411	0.763	4.000	346.093	-2.00	4.397	345.498	-150.00
-4.693	345.117	-150.00	-4.000	346.156	-2.00	1990+0.000	346.236	345.247	0.990	4.000	346.156	-2.00	4.523	345.372	-150.00
-4.961	344.989	-150.00	-4.000	346.430	-2.00	1991+0.000	346.510	345.126	1.385	4.000	346.430	-2.00	4.782	345.258	-150.00
-5.604	345.002	-150.00	-4.000	347.408	-2.00	1992+0.000	347.488	345.163	2.325	4.000	347.408	-2.00	5.405	345.301	-150.00
-6.119	345.064	-150.00	-4.000	348.243	-2.00	1993+0.000	348.323	345.236	3.087	4.000	348.243	-2.00	5.894	345.401	-150.00
-6.422	345.300	-150.00	-4.000	348.934	-2.00	1994+0.000	349.014	345.437	3.577	4.000	348.934	-2.00	6.239	345.576	-150.00
-6.456	345.799	-150.00	-4.000	349.482	-2.00	1995+0.000	349.562	345.796	3.766	4.000	349.482	-2.00	6.365	345.935	-150.00
-6.371	346.330	-150.00	-4.000	349.887	-2.00	1996+0.000	349.967	346.346	3.622	4.000	349.887	-2.00	6.361	346.345	-150.00
-6.126	346.960	-150.00	-4.000	350.149	-2.00	1997+0.000	350.229	346.949	3.280	4.000	350.149	-2.00	6.141	346.938	-150.00
-5.890	347.434	-150.00	-4.000	350.268	-2.00	1998+0.000	350.348	347.395	2.952	4.000	350.268	-2.00	5.937	347.362	-150.00
-5.618	347.816	-150.00	-4.000	350.243	-2.00	1999+0.000	350.323	347.778	2.546	4.000	350.243	-2.00	5.678	347.727	-150.00
-5.377	348.011	-150.00	-4.000	350.076	-2.00	2000+0.000	350.156	347.981	2.175	4.000	350.076	-2.00	5.430	347.931	-150.00
-5.134	348.121	-150.00	-4.000	349.822	-2.00	2001+0.000	349.902	348.080	1.822	4.000	349.822	-2.00	5.161	348.080	-150.00
-4.967	348.116	-150.00	-4.000	349.566	-2.00	2002+0.000	349.646	348.117	1.530	4.000	349.566	-2.00	4.966	348.117	-150.00
-4.843	348.047	-150.00	-4.000	349.311	-2.00	2003+0.000	349.391	348.034	1.358	4.000	349.311	-2.00	4.856	348.027	-150.00
-4.753	347.926	-150.00	-4.000	349.056	-2.00	2004+0.000	349.136	347.932	1.205	4.000	349.056	-2.00	4.746	347.937	-150.00
-4.746	347.682	-150.00	-4.000	348.801	-2.00	2005+0.000	348.881	347.711	1.170	4.000	348.801	-2.00	4.711	347.735	-150.00
-4.724	347.460	-150.00	-4.000	348.546	-2.00	2006+0.000	348.626	347.469	1.157	4.000	348.546	-2.00	4.722	347.462	-150.00
-4.741	347.179	-150.00	-4.000	348.291	-2.00	2007+0.000	348.371	347.162	1.209	4.000	348.291	-2.00	4.768	347.139	-150.00
-4.914	346.664	-150.00	-4.000	348.035	-2.00	2008+0.000	348.115	346.704	1.412	4.000	348.035	-2.00	4.919	346.657	-150.00
-5.214	345.959	-150.00	-4.000	347.780	-2.00	2009+0.000	347.860	346.001	1.859	4.000	347.780	-2.00	5.161	346.039	-150.00
-5.545	345.207	-150.00	-4.000	347.525	-2.00	2010+0.000	347.605	345.266	2.339	4.000	347.525	-2.00	5.479	345.306	-150.00
-5.846	344.501	-150.00	-4.000	347.270	-2.00	2011+0.000	347.350	344.575	2.775	4.000	347.270	-2.00	5.751	344.643	-150.00
-6.053	343.936	-150.00	-4.000	347.015	-2.00	2012+0.000	347.095	344.020	3.075	4.000	347.015	-2.00	5.942	344.102	-150.00
-6.089	343.626	-150.00	-4.000	346.760	-2.00	2013+0.000	346.840	343.794	3.046	4.000	346.760	-2.00	5.887	343.930	-150.00
-5.919	343.625	-150.00	-4.000	346.504	-2.00	2014+0.000	346.584	343.756	2.828	4.000	346.504	-2.00	5.748	343.882	-150.00
-5.653	343.769	-150.00	-4.000	346.249	-2.00	2015+0.000	346.329	343.920	2.409	4.000	346.249	-2.00	5.454	344.068	-150.00
-5.345	343.976	-150.00	-4.000	345.994	-2.00	2016+0.000	346.074	344.168	1.906	4.000	345.994	-2.00	5.095	344.352	-150.00
-4.801	344.538	-150.00	-4.000	345.739	-2.00	2017+0.000	345.819	344.711	1.108	4.000	345.739	-2.00	4.622	344.806	-150.00

-4.418	344.856	-150.00	-4.000	345.484	-2.00	2018+0.000	345.564	345.001	0.563	4.000	345.484	-2.00	4.297	345.039	-150.00
-4.419	344.600	-150.00	-4.000	345.229	-2.00	2019+0.000	345.309	344.764	0.545	4.000	345.229	-2.00	4.205	344.920	-150.00
-4.343	344.235	-150.00	-4.000	344.749	-2.00	2020+0.000	344.829	344.373	0.456	4.000	344.749	-2.00	4.162	344.506	-150.00
-4.349	343.771	-150.00	-4.000	344.295	-2.00	2021+0.000	344.375	343.930	0.445	4.000	344.295	-2.00	4.141	344.083	-150.00
-4.355	343.134	-150.00	-4.000	343.666	-2.00	2022+0.000	343.746	343.269	0.477	4.000	343.666	-2.00	4.178	343.399	-150.00
-4.372	342.476	-150.00	-4.000	343.034	-2.00	2023+0.000	343.114	342.628	0.486	4.000	343.034	-2.00	4.174	342.773	-150.00
-4.354	341.945	-150.00	-4.000	342.477	-2.00	2024+0.000	342.557	342.104	0.453	4.000	342.477	-2.00	4.152	342.249	-150.00
-4.336	341.491	-150.00	-4.000	341.995	-2.00	2025+0.000	342.075	341.631	0.444	4.000	341.995	-2.00	4.150	341.770	-150.00
-4.330	341.111	-150.00	-4.000	341.605	-2.00	2026+0.000	341.685	341.272	0.413	4.000	341.605	-2.00	4.120	341.426	-150.00
-4.185	341.077	-150.00	-4.000	341.354	-2.00	2027+0.000	341.434	341.228	0.206	4.000	341.354	-2.00	4.030	341.374	66.67
-4.157	341.207	66.67	-4.000	341.103	-2.00	2028+0.000	341.183	341.364	-0.182	4.000	341.103	-2.00	4.650	341.536	66.67
-5.053	341.553	66.67	-4.000	340.851	-2.00	2029+0.000	340.931	341.710	-0.779	4.000	340.851	-2.00	5.546	341.882	66.67
-5.811	341.808	66.67	-4.000	340.600	-2.00	2030+0.000	340.680	341.982	-1.302	4.000	340.600	-2.00	6.347	342.165	66.67
-6.371	341.929	66.67	-4.000	340.349	-2.00	2031+0.000	340.429	342.104	-1.675	4.000	340.349	-2.00	6.918	342.294	66.67
-6.526	341.781	66.67	-4.000	340.098	-2.00	2032+0.000	340.178	341.990	-1.813	4.000	340.098	-2.00	7.184	342.221	66.67
-5.859	341.085	66.67	-4.000	339.846	-2.00	2033+0.000	339.926	341.261	-1.335	4.000	339.846	-2.00	6.489	341.505	66.67
-4.957	340.233	66.67	-4.000	339.595	-2.00	2034+0.000	339.675	340.435	-0.760	4.000	339.595	-2.00	5.602	340.663	66.67
-4.039	339.285	-150.00	-4.000	339.344	-2.00	2035+0.000	339.424	339.521	-0.097	4.000	339.344	-2.00	4.675	339.793	66.67
-4.403	338.488	-150.00	-4.000	339.092	-2.00	2036+0.000	339.172	338.743	0.429	4.000	339.092	-2.00	4.075	338.980	-150.00
-4.661	337.850	-150.00	-4.000	338.841	-2.00	2037+0.000	338.921	338.176	0.745	4.000	338.841	-2.00	4.245	338.473	-150.00
-4.388	338.106	-150.00	-4.000	338.688	-2.00	2038+0.000	338.768	338.410	0.357	4.000	338.688	-2.00			
-4.374	338.486	-150.00	-4.000	339.046	-2.00	2039+0.000	339.126	338.786	0.340	4.000	339.046	-2.00	4.025	339.063	66.67
-4.378	338.948	-150.00	-4.000	339.515	-2.00	2040+0.000	339.595	339.211	0.384	4.000	339.515	-2.00	4.041	339.453	-150.00
-4.360	339.444	-150.00	-4.000	339.984	-2.00	2041+0.000	340.064	339.699	0.365	4.000	339.984	-2.00	4.043	339.920	-150.00
-4.374	339.526	-150.00	-4.000	340.088	-2.00	2042+0.000	340.168	339.736	0.432	4.000	340.088	-2.00	4.104	339.932	-150.00
-4.371	339.276	-150.00	-4.000	339.833	-2.00	2043+0.000	339.913	339.479	0.434	4.000	339.833	-2.00	4.109	339.670	-150.00
-4.404	338.608	-150.00	-4.000	339.214	-2.00	2044+0.000	339.294	338.812	0.482	4.000	339.214	-2.00	4.140	339.004	-150.00
-4.449	337.505	-150.00	-4.000	338.179	-2.00	2045+0.000	338.259	337.682	0.577	4.000	338.179	-2.00	4.219	337.850	-150.00
-4.451	335.997	-150.00	-4.000	336.673	-2.00	2046+0.000	336.753	336.231	0.522	4.000	336.673	-2.00	4.146	336.454	-150.00
-4.450	334.949	-150.00	-4.000	335.624	-2.00	2047+0.000	335.704	335.164	0.541	4.000	335.624	-2.00	4.162	335.381	-150.00
-4.370	334.061	-150.00	-4.000	334.616	-2.00	2048+0.000	334.696	334.112	0.584	4.000	334.616	-2.00	4.238	334.259	-150.00
-4.306	333.334	-150.00	-4.000	333.793	-2.00	2049+0.000	333.873	333.221	0.652	4.000	333.793	-2.00	4.320	333.314	-150.00
-4.153	333.256	-150.00	-4.000	333.485	-2.00	2050+0.000	333.565	333.047	0.519	4.000	333.485	-2.00	4.276	333.072	-150.00
-4.036	333.643	-150.00	-4.000	333.698	-2.00	2051+0.000	333.778	333.468	0.310	4.000	333.698	-2.00	4.310	333.232	-150.00
-4.174	334.450	66.67	-4.000	334.334	-2.00	2052+0.000	334.414	334.169	0.245	4.000	334.334	-2.00	4.304	333.879	-150.00
-4.260	335.108	66.67	-4.000	334.934	-2.00	2053+0.000	335.014	334.788	0.226	4.000	334.934	-2.00	4.313	334.464	-150.00
-4.333	335.756	66.67	-4.000	335.534	-2.00	2054+0.000	335.614	335.393	0.221	4.000	335.534	-2.00	4.292	335.096	-150.00
-4.103	336.203	66.67	-4.000	336.134	-2.00	2055+0.000	336.214	335.853	0.362	4.000	336.134	-2.00	4.310	335.670	-150.00
-4.043	336.420	-150.00	-4.000	336.485	-2.00	2056+0.000	336.565	336.173	0.392	4.000	336.485	-2.00	4.330	335.990	-150.00
-4.074	336.536	-150.00	-4.000	336.647	-2.00	2057+0.000	336.727	336.260	0.466	4.000	336.647	-2.00	4.448	335.974	-150.00
-4.064	336.078	-150.00	-4.000	336.175	-2.00	2058+0.000	336.255	335.774	0.480	4.000	336.175	-2.00	4.480	335.455	-150.00
-4.013	335.923	66.67	-4.000	335.914	-2.00	2059+0.000	335.994	335.612	0.382	4.000	335.914	-2.00	4.430	335.269	-150.00
-4.023	336.105	66.67	-4.000	336.090	-2.00	2060+0.000	336.170	335.802	0.368	4.000	336.090	-2.00	4.383	335.514	-150.00
-4.036	336.844	66.67	-4.000	336.820	-2.00	2061+0.000	336.900	336.590	0.310	4.000	336.820	-2.00	4.335	336.317	-150.00
-4.037	337.518	-150.00	-4.000	337.574	-2.00	2062+0.000	337.654	337.308	0.346	4.000	337.574	-2.00	4.288	337.142	-150.00
-4.076	338.062	-150.00	-4.000	338.175	-2.00	2063+0.000	338.255	337.907	0.348	4.000	338.175	-2.00	4.287	337.745	-150.00
-4.044	338.550	-150.00	-4.000	338.616	-2.00	2064+0.000	338.696	338.362	0.334	4.000	338.616	-2.00	4.302	338.162	-150.00
-4.292	338.534	66.67	-4.000	338.340	-2.00	2065+0.000	338.420	338.501	-0.081	4.000	338.340	-2.00	4.193	338.468	66.67
-4.194	338.007	66.67	-4.000	337.878	-2.00	2066+0.000	337.958	337.891	0.066	4.000	337.878	-2.00	4.071	337.771	-150.00
-4.131	337.219	-150.00	-4.000	337.416	-2.00	2067+0.000	337.496	337.096	0.399	4.000	337.416	-2.00	4.305	336.959	-150.00
-4.182	336.788	-150.00	-4.000	337.061	-2.00	2068+0.000	337.141	336.667	0.474	4.000	337.061	-2.00	4.347	336.540	-150.00
-4.384	336.444	-150.00	-4.000	337.019	-2.00	2069+0.000	337.099	336.316	0.784	4.000	337.019	-2.00	4.551	336.192	-150.00
-4.478	336.262	-150.00	-4.000	336.979	-2.00	2070+0.000	337.059	336.128	0.931	4.000	336.979	-2.00	4.656	335.995	-150.00
-4.500	336.188	-150.00	-4.000	336.939	-2.00	2071+0.000	337.019	336.053	0.966	4.000	336.939	-2.00	4.660	335.949	-150.00
-4.307	336.438	-150.00	-4.000	336.899	-2.00	2072+0.000	336.979	336.397	0.581	4.000	336.899	-2.00	4.365	336.352	-150.00
-4.173	336.762	-150.00	-4.000	337.021	-2.00	2073+0.000	337.101	336.737	0.364	4.000	337.021	-2.00	4.197	336.725	-150.00
-4.170	337.229	-150.00	-4.000	337.484	-2.00	2074+0.000	337.564	337.220	0.344	4.000	337.484	-2.00	4.182	337.211	-150.00
-4.244	337.615	-150.00	-4.000	337.981	-2.00	2075+0.000	338.061	337.688	0.372	4.000	337.981	-2.00	4.178	337.713	-150.00
-4.253	337.859	-150.00	-4.000	338.239	-2.00	2076+0.000	338.319	337.945	0.374	4.000	338.239	-2.00	4.140	338.029	-150.00
-4.253	338.103	-150.00	-4.000	338.482	-2.00	2077+0.000	338.562	338.178	0.384	4.000	338.482	-2.00	4.154	338.252	-150.00
-4.267	338.189	-150.00	-4.000	338.589	-2.00	2078+0.000	338.669	338.278	0.391	4.000	338.589	-2.00	4.149	338.365	-150.00
-4.281	338.260	-150.00	-4.000	338.682	-2.00	2079+0.000	338.762	338.352	0.410	4.000	338.682	-2.00	4.160	338.441	-150.00
-4.292	338.199	-150.00	-4.000	338.638	-2.00	2080+0.000	338.718	338.252	0.466	4.000	338.638	-2.00	4.222	338.304	-150.00
-4.248	338.187	-150.00	-4.000	338.559	-2.00	2081+0.000	338.639	338.240	0.399	4.000	338.559	-2.00	4.186	338.279	-150.00
-4.228	338.138	-150.00	-4.000	338.480	-2.00	2082+0.000	338.560	338.127	0.433	4.000	338.480	-2.00	4.232	338.132	-150.00
-4.210	338.086	-150.00	-4.000	338.401	-2.00	2083+0.000	338.481	338.014	0.467	4.000	338.401	-2.00	4.254	338.020	-150.00
-4.150	338.097	-150.00	-4.000	338.322	-2.00	2084+0.000	338.402	337.983	0.420	4.000	338.322	-2.00	4.284	337.896	-150.00
-4.209	337.835	-150.00	-4.000	338.149	-2.00	2085+0.000	338.229	337.781	0.448	4.000	338.149	-2.00	4.244	337.783	-150.00
-4.235	337.692	-150.00	-4.000	338.044	-2.00	2086+0.000	338.124	337.727	0.397	4.000	338.044	-2.00	4.189	337.761	-150.00
-4.156	337.979	-150.00	-4.000	338.214	-2.00	2087+0.000	338.294	337.965	0.329	4.000	338.214	-2.00	4.176	337.950	-150.00
-4.212	338.334	-150.00	-4.000	338.652	-2.00	2088+0.000	338.732	338.419	0.313	4.000	338.652	-2.00	4.100	338.502	-150.00
-4.182	339.228	-150.00	-4.000	339.501	-2.00	2089+0.000	339.581	339.288	0.293	4.000	339.501	-2.00	4.103	339.346	-150.00
-4.291	339.981	-150.00	-4.000	340.417	-2.00	2090+0.000	340.497	340.190	0.307	4.000	340.417	-2.00	4.008	340.405	-150.00
-4.360	340.545	-150.00	-4.000	341.086	-2.00	2091+0.000	341.166	340.801	0.365	4.000	341.086	-2.00	4.011	341.069	-150.00
-4.355	341.033	-150.00	-4.000	341.565	-2.00	2092+0.000	341.645	341.297	0.348	4.000	341.565	-2.00	4.017	341.540	-150.00
-4.223	341.585	-150.00	-4.000	341.921	-2.00	2093+0.000	342.001	341.703	0.298	4.000	341.921	-2.00	4.070	341.816	-150.00
-4.274	342.290	-150.00	-4.000	342.701	-2.00	2094+0.000	342.781	342.402	0.379	4.000	342.701	-2.00	4.127	342.511	-150.00
-4.211	342.733	-150.00	-4.000	343.050	-2.00	2095+0.000	343.130	342.778	0.352	4.000	343.050	-2.00	4.152	342.821	-150.00
-4.179	342.885	-150.00	-4.000	343.154	-2.00	2096+0.000	343.234	342.843	0.392	4.000	343.154	-2.00	4.168	342.902	-150.00
-4.230	343.020	-150.00	-4.000	343.365	-2.00	2097+0.000	343.445	342.991	0.453	4.000	343.365	-2.00	4.268	342.963	-150.00
-4.245	342.422	-150.00	-4.000	342.789	-2.00	2098+0.000	342.869	342.450	0.419	4.000	342.789	-2.00	4.207	342.478	-150.00

-4.209	341.841	-150.00	-4.000	342.155	-2.00	2099+0.000	342.235	341.910	0.325	4.000	342.155	-2.00	4.118	341.978	-150.00
-4.281	341.100	-150.00	-4.000	341.520	-2.00	2100+0.000	341.600	341.170	0.430	4.000	341.520	-2.00	4.183	341.245	-150.00
-4.324	340.568	-150.00	-4.000	341.053	-2.00	2101+0.000	341.133	340.743	0.390	4.000	341.053	-2.00	4.161	340.811	-150.00
-4.379	340.365	-150.00	-4.000	340.934	-2.00	2102+0.000	341.014	340.593	0.421	4.000	340.934	-2.00	4.156	340.699	-150.00
-4.288	340.441	-150.00	-4.000	340.873	-2.00	2103+0.000	340.953	340.611	0.342	4.000	340.873	-2.00	4.069	340.770	-150.00
-4.297	340.836	-150.00	-4.000	341.280	-2.00	2104+0.000	341.360	341.008	0.352	4.000	341.280	-2.00	4.076	341.167	-150.00
-4.330	341.165	-150.00	-4.000	341.661	-2.00	2105+0.000	341.741	341.369	0.371	4.000	341.661	-2.00	4.056	341.576	-150.00
-4.334	341.411	-150.00	-4.000	341.912	-2.00	2106+0.000	341.992	341.612	0.380	4.000	341.912	-2.00	4.047	341.842	-150.00
-4.344	341.647	-150.00	-4.000	342.162	-2.00	2107+0.000	342.242	341.878	0.364	4.000	342.162	-2.00	4.037	342.108	-150.00
-4.340	342.031	-150.00	-4.000	342.541	-2.00	2108+0.000	342.621	342.260	0.361	4.000	342.541	-2.00	4.045	342.474	-150.00
-4.337	342.494	-150.00	-4.000	342.999	-2.00	2109+0.000	343.079	342.711	0.369	4.000	342.999	-2.00	4.057	342.913	-150.00
-4.324	342.971	-150.00	-4.000	343.457	-2.00	2110+0.000	343.537	343.182	0.356	4.000	343.457	-2.00	4.056	343.373	-150.00
-4.313	343.376	-150.00	-4.000	343.846	-2.00	2111+0.000	343.926	343.559	0.367	4.000	343.846	-2.00	4.068	343.744	-150.00
-4.321	343.694	-150.00	-4.000	344.176	-2.00	2112+0.000	344.256	343.890	0.366	4.000	344.176	-2.00	4.067	344.075	-150.00
-4.323	344.022	-150.00	-4.000	344.506	-2.00	2113+0.000	344.586	344.214	0.372	4.000	344.506	-2.00	4.074	344.395	-150.00
-4.322	344.300	-150.00	-4.000	344.783	-2.00	2114+0.000	344.863	344.456	0.407	4.000	344.783	-2.00	4.098	344.635	-150.00
-4.299	344.122	-150.00	-4.000	344.570	-2.00	2115+0.000	344.650	344.318	0.332	4.000	344.570	-2.00	4.045	344.503	-150.00
-4.259	343.900	-150.00	-4.000	344.288	-2.00	2116+0.000	344.368	344.062	0.306	4.000	344.288	-2.00	4.048	344.216	-150.00
-4.337	343.501	-150.00	-4.000	344.007	-2.00	2117+0.000	344.087	343.658	0.428	4.000	344.007	-2.00	4.124	343.821	-150.00
-4.313	343.149	-150.00	-4.000	343.619	-2.00	2118+0.000	343.699	343.253	0.446	4.000	343.619	-2.00	4.177	343.353	-150.00
-4.306	342.697	-150.00	-4.000	343.157	-2.00	2119+0.000	343.237	342.806	0.430	4.000	343.157	-2.00	4.163	342.912	-150.00
-4.262	342.301	-150.00	-4.000	342.695	-2.00	2120+0.000	342.775	342.364	0.411	4.000	342.695	-2.00	4.179	342.426	-150.00
-4.292	341.795	-150.00	-4.000	342.233	-2.00	2121+0.000	342.313	341.871	0.441	4.000	342.233	-2.00	4.191	341.946	-150.00
-4.297	341.340	-150.00	-4.000	341.786	-2.00	2122+0.000	341.866	341.426	0.440	4.000	341.786	-2.00	4.184	341.510	-150.00
-4.271	341.144	-150.00	-4.000	341.551	-2.00	2123+0.000	341.631	341.230	0.402	4.000	341.551	-2.00	4.160	341.311	-150.00
-4.257	341.067	-150.00	-4.000	341.452	-2.00	2124+0.000	341.532	341.151	0.381	4.000	341.452	-2.00	4.146	341.233	-150.00
-4.254	341.128	-150.00	-4.000	341.509	-2.00	2125+0.000	341.589	341.204	0.385	4.000	341.509	-2.00	4.152	341.281	-150.00
-4.172	341.472	-150.00	-4.000	341.730	-2.00	2126+0.000	341.810	341.505	0.305	4.000	341.730	-2.00	4.094	341.589	-150.00
-4.106	341.821	-150.00	-4.000	341.980	-2.00	2127+0.000	342.060	341.831	0.230	4.000	341.980	-2.00	4.067	341.879	-150.00
-4.073	342.120	-150.00	-4.000	342.230	-2.00	2128+0.000	342.310	342.132	0.178	4.000	342.230	-2.00	4.058	342.144	-150.00
-4.254	342.097	-150.00	-4.000	342.478	-2.00	2129+0.000	342.558	342.196	0.362	4.000	342.478	-2.00	4.125	342.291	-150.00
-4.273	342.228	-150.00	-4.000	342.637	-2.00	2130+0.000	342.717	342.328	0.390	4.000	342.637	-2.00	4.142	342.424	-150.00
-4.277	342.267	-150.00	-4.000	342.682	-2.00	2131+0.000	342.762	342.373	0.388	4.000	342.682	-2.00	4.108	342.519	-150.00
-4.317	342.389	-150.00	-4.000	342.863	-2.00	2132+0.000	342.943	342.594	0.350	4.000	342.863	-2.00	4.066	342.765	-150.00
-4.322	342.666	-150.00	-4.000	343.149	-2.00	2133+0.000	343.229	342.868	0.361	4.000	343.149	-2.00	4.061	343.058	-150.00
-4.299	343.062	-150.00	-4.000	343.511	-2.00	2134+0.000	343.591	343.272	0.319	4.000	343.511	-2.00	4.020	343.481	-150.00
-4.270	343.475	-150.00	-4.000	343.880	-2.00	2135+0.000	343.960	343.678	0.282	4.000	343.880	-2.00	4.008	343.868	-150.00
-4.301	343.796	-150.00	-4.000	344.248	-2.00	2136+0.000	344.328	343.943	0.385	4.000	344.248	-2.00	4.076	344.135	-150.00
-4.341	343.931	-150.00	-4.000	344.443	-2.00	2137+0.000	344.523	344.126	0.397	4.000	344.443	-2.00	4.074	344.332	-150.00
-4.361	343.985	-150.00	-4.000	344.527	-2.00	2138+0.000	344.607	344.207	0.400	4.000	344.527	-2.00	4.082	344.404	-150.00
-4.361	343.784	-150.00	-4.000	344.325	-2.00	2139+0.000	344.405	343.971	0.434	4.000	344.325	-2.00	4.118	344.147	-150.00
-4.310	343.613	-150.00	-4.000	344.078	-2.00	2140+0.000	344.158	343.715	0.444	4.000	344.078	-2.00	4.124	343.891	-150.00
-4.293	343.393	-150.00	-4.000	343.832	-2.00	2141+0.000	343.912	343.503	0.410	4.000	343.832	-2.00	4.149	343.609	-150.00
-4.260	343.322	-150.00	-4.000	343.712	-2.00	2142+0.000	343.792	343.402	0.389	4.000	343.712	-2.00	4.156	343.478	-150.00
-4.257	343.262	-150.00	-4.000	343.648	-2.00	2143+0.000	343.728	343.342	0.387	4.000	343.648	-2.00	4.153	343.419	-150.00
-4.246	343.489	-150.00	-4.000	343.858	-2.00	2144+0.000	343.938	343.569	0.368	4.000	343.858	-2.00	4.140	343.648	-150.00
-4.246	343.718	-150.00	-4.000	344.087	-2.00	2145+0.000	344.167	343.771	0.396	4.000	344.087	-2.00	4.176	343.823	-150.00
-4.221	343.825	-150.00	-4.000	344.156	-2.00	2146+0.000	344.236	343.864	0.372	4.000	344.156	-2.00	4.124	343.970	-150.00
-4.238	344.141	-150.00	-4.000	344.497	-2.00	2147+0.000	344.577	344.197	0.380	4.000	344.497	-2.00	4.109	344.335	-150.00
-4.248	344.374	-150.00	-4.000	344.747	-2.00	2148+0.000	344.827	344.420	0.407	4.000	344.747	-2.00	4.188	344.465	-150.00
-4.235	344.524	-150.00	-4.000	344.876	-2.00	2149+0.000	344.956	344.513	0.443	4.000	344.876	-2.00	4.250	344.501	-150.00
-4.191	344.599	-150.00	-4.000	344.886	-2.00	2150+0.000	344.966	344.554	0.411	4.000	344.886	-2.00	4.261	344.494	-150.00
-4.153	344.366	-150.00	-4.000	344.596	-2.00	2151+0.000	344.676	344.298	0.378	4.000	344.596	-2.00	4.245	344.228	-150.00
-4.158	344.044	-150.00	-4.000	344.281	-2.00	2152+0.000	344.361	343.957	0.404	4.000	344.281	-2.00	4.262	343.889	-150.00
-4.210	343.687	-150.00	-4.000	344.002	-2.00	2153+0.000	344.082	343.661	0.421	4.000	344.002	-2.00	4.206	343.693	-150.00
-4.265	343.386	-150.00	-4.000	343.782	-2.00	2154+0.000	343.862	343.391	0.471	4.000	343.782	-2.00	4.257	343.397	-150.00
-4.318	343.088	-150.00	-4.000	343.565	-2.00	2155+0.000	343.645	343.083	0.561	4.000	343.565	-2.00	4.261	343.174	-150.00
-4.285	342.920	-150.00	-4.000	343.347	-2.00	2156+0.000	343.427	343.015	0.412	4.000	343.347	-2.00	4.160	343.108	-150.00
-4.285	342.712	-150.00	-4.000	343.139	-2.00	2157+0.000	343.219	342.806	0.413	4.000	343.139	-2.00	4.161	342.898	-150.00
-4.268	342.606	-150.00	-4.000	343.008	-2.00	2158+0.000	343.088	342.701	0.388	4.000	343.008	-2.00	4.136	342.804	-150.00
-4.238	342.522	-150.00	-4.000	342.879	-2.00	2159+0.000	342.959	342.626	0.332	4.000	342.879	-2.00	4.101	342.727	-150.00
-4.270	342.343	-150.00	-4.000	342.749	-2.00	2160+0.000	342.829	342.334	0.495	4.000	342.749	-2.00	4.282	342.326	-150.00
-4.265	342.222	-150.00	-4.000	342.619	-2.00	2161+0.000	342.699	342.214	0.485	4.000	342.619	-2.00	4.275	342.206	-150.00
-4.191	342.203	-150.00	-4.000	342.489	-2.00	2162+0.000	342.569	342.091	0.478	4.000	342.489	-2.00	4.315	342.017	-150.00
-4.081	342.305	-150.00	-4.000	342.426	-2.00	2163+0.000	342.506	342.123	0.383	4.000	342.426	-2.00	4.258	342.040	-150.00
-4.097	342.492	-150.00	-4.000	342.638	-2.00	2164+0.000	342.718	342.344	0.375	4.000	342.638	-2.00	4.300	342.188	-150.00
-4.089	342.750	-150.00	-4.000	342.884	-2.00	2165+0.000	342.964	342.601	0.363	4.000	342.884	-2.00	4.280	342.464	-150.00
-4.137	343.043	-150.00	-4.000	343.249	-2.00	2166+0.000	343.329	342.921	0.408	4.000	343.249	-2.00	4.303	342.794	-150.00
-4.204	343.383	-150.00	-4.000	343.689	-2.00	2167+0.000	343.769	343.259	0.509	4.000	343.689	-2.00	4.338	343.181	-150.00
-4.194	343.838	-150.00	-4.000	344.129	-2.00	2168+0.000	344.209	343.804	0.405	4.000	344.129	-2.00	4.240	343.769	-150.00
-4.169	344.316	-150.00	-4.000	344.569	-2.00	2169+0.000	344.649	344.277	0.372	4.000	344.569	-2.00	4.215	344.246	-150.00
-4.177	344.680	-150.00	-4.000	344.945	-2.00	2170+0.000	345.025	344.664	0.361	4.000	344.945	-2.00	4.207	344.635	-150.00
-4.188	344.979	-150.00	-4.000	345.261	-2.00	2171+0.000	345.341	344.953	0.388	4.000	345.261	-2.00	4.226	344.922	-150.00
-4.138	345.000	-150.00	-4.000	345.207	-2.00	2172+0.000	345.287	344.960	0.327	4.000	345.207	-2.00	4.192	344.919	-150.00
-4.091	344.968	-150.00	-4.000	345.104	-2.00	2173+0.000	345.184	344.926	0.258	4.000	345.104	-2.00	4.145	344.886	-150.00
-4.059	344.912	-150.00	-4.000	345.001	-2.00	2174+0.000	345.081	344.873	0.208	4.000	345.001	-2.00	4.110	344.836	-150.00
-4.061	344.938	66.67	-4.000	344.897	-2.00	2175+0.000	344.977	344.878	0.100	4.000	344.897	-2.00	4.059	344.809	-150.00
-4.025	344.811	66.67	-4.000	344.794	-2.00	2176+0.000	344.874	344.739	0.135	4.000	344.794	-2.00	4.085	344.666	-150.00
-4.051	344.614	-150.00	-4.000	344.691	-2.00	2177+0.000	344.771	344.560	0.210	4.000	344.691	-2.00	4.123	344.506	-150.00
-4.123	344.402	-150.00	-4.000	344.587	-2.00	2178+0.000	344.667	344.345	0.322	4.000	344.587	-2.00	4.200	344.287	-150.00
-4.170	344.229	-150.00	-4.000	344.484	-2.00	2179+0.000	344.564	344.165	0.399	4.000	344.484	-2.00	4.242	344.121	-150.00

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-4.168	344.128	-150.00	-4.000	344.381	-2.00	2180+0.000	344.461	344.054	0.406	4.000	344.381	-2.00	4.255	343.998	-150.00
-4.185	344.205	-150.00	-4.000	344.482	-2.00	2181+0.000	344.562	344.147	0.415	4.000	344.482	-2.00	4.263	344.088	-150.00
-4.229	344.391	-150.00	-4.000	344.734	-2.00	2182+0.000	344.814	344.338	0.476	4.000	344.734	-2.00	4.300	344.284	-150.00
-4.199	344.687	-150.00	-4.000	344.985	-2.00	2183+0.000	345.065	344.645	0.420	4.000	344.985	-2.00	4.255	344.603	-150.00
-4.167	344.987	-150.00	-4.000	345.237	-2.00	2184+0.000	345.317	344.949	0.368	4.000	345.237	-2.00	4.208	344.924	-150.00
-4.114	345.317	-150.00	-4.000	345.488	-2.00	2185+0.000	345.568	345.285	0.283	4.000	345.488	-2.00	4.156	345.254	-150.00
-4.181	345.468	-150.00	-4.000	345.740	-2.00	2186+0.000	345.820	345.451	0.369	4.000	345.740	-2.00	4.199	345.441	-150.00
-4.189	345.708	-150.00	-4.000	345.991	-2.00	2187+0.000	346.071	345.699	0.372	4.000	345.991	-2.00	4.200	345.691	-150.00
-4.199	345.984	-150.00	-4.000	346.283	-2.00	2188+0.000	346.363	346.016	0.347	4.000	346.283	-2.00	4.156	346.048	-150.00
-4.191	346.493	-150.00	-4.000	346.780	-2.00	2189+0.000	346.860	346.524	0.336	4.000	346.780	-2.00	4.139	346.571	-150.00
-4.203	347.068	-150.00	-4.000	347.373	-2.00	2190+0.000	347.453	347.138	0.315	4.000	347.373	-2.00	4.103	347.219	-150.00
-4.273	347.817	-150.00	-4.000	348.227	-2.00	2191+0.000	348.307	347.901	0.406	4.000	348.227	-2.00	4.163	347.983	-150.00
-4.249	348.719	-150.00	-4.000	349.093	-2.00	2192+0.000	349.173	348.849	0.324	4.000	349.093	-2.00	4.079	348.974	-150.00
-4.234	349.437	-150.00	-4.000	349.787	-2.00	2193+0.000	349.867	349.594	0.273	4.000	349.787	-2.00	4.029	349.744	-150.00
-4.109	350.292	-150.00	-4.000	350.455	-2.00	2194+0.000	350.535	350.447	0.088	4.000	350.455	-2.00	4.225	350.604	66.67
-4.045	351.054	-150.00	-4.000	351.122	-2.00	2195+0.000	351.202	351.231	-0.029	4.000	351.122	-2.00	4.506	351.459	66.67
-4.088	351.848	66.67	-4.000	351.789	-2.00	2196+0.000	351.869	352.055	-0.186	4.000	351.789	-2.00	4.711	352.263	66.67
-4.131	352.259	-150.00	-4.000	352.456	-2.00	2197+0.000	352.536	352.439	0.097	4.000	352.456	-2.00	4.250	352.623	66.67
-4.403	352.349	-150.00	-4.000	352.954	-2.00	2198+0.000	353.034	352.637	0.397	4.000	352.954	-2.00	4.031	352.908	-150.00
-4.333	352.188	-150.00	-4.000	352.687	-2.00	2199+0.000	352.767	352.496	0.271	4.000	352.687	-2.00	4.156	352.791	66.67
-4.384	351.845	-150.00	-4.000	352.420	-2.00	2200+0.000	352.500	352.109	0.391	4.000	352.420	-2.00	4.045	352.353	-150.00
-4.575	351.291	-150.00	-4.000	352.153	-2.00	2201+0.000	352.233	351.543	0.690	4.000	352.153	-2.00	4.227	351.813	-150.00
-4.774	350.725	-150.00	-4.000	351.887	-2.00	2202+0.000	351.967	350.984	0.983	4.000	351.887	-2.00	4.441	351.224	-150.00
-4.974	350.158	-150.00	-4.000	351.620	-2.00	2203+0.000	351.700	350.431	1.269	4.000	351.620	-2.00	4.623	350.685	-150.00
-5.156	349.619	-150.00	-4.000	351.353	-2.00	2204+0.000	351.433	349.902	1.531	4.000	351.353	-2.00	4.789	350.170	-150.00
-5.032	349.538	-150.00	-4.000	351.086	-2.00	2205+0.000	351.166	349.714	1.453	4.000	351.086	-2.00	4.784	349.911	-150.00
-4.698	349.772	-150.00	-4.000	350.819	-2.00	2206+0.000	350.899	349.955	0.944	4.000	350.819	-2.00	4.460	350.129	-150.00
-4.433	349.903	-150.00	-4.000	350.553	-2.00	2207+0.000	350.633	350.051	0.582	4.000	350.553	-2.00	4.240	350.192	-150.00
-4.218	350.081	-150.00	-4.000	350.408	-2.00	2208+0.000	350.488	350.129	0.359	4.000	350.408	-2.00	4.079	350.289	-150.00
-4.236	350.785	-150.00	-4.000	351.138	-2.00	2209+0.000	351.218	350.891	0.327	4.000	351.138	-2.00	4.096	350.994	-150.00
-4.173	350.899	-150.00	-4.000	351.159	-2.00	2210+0.000	351.239	351.001	0.237	4.000	351.159	-2.00	4.043	351.095	-150.00
-4.294	350.455	-150.00	-4.000	350.896	-2.00	2211+0.000	350.976	350.647	0.329	4.000	350.896	-2.00	4.046	350.828	-150.00
-4.372	349.905	-150.00	-4.000	350.463	-2.00	2212+0.000	350.543	350.076	0.467	4.000	350.463	-2.00	4.150	350.238	-150.00
-4.425	349.234	-150.00	-4.000	349.871	-2.00	2213+0.000	349.951	349.381	0.570	4.000	349.871	-2.00	4.224	349.536	-150.00
-4.421	348.649	-150.00	-4.000	349.280	-2.00	2214+0.000	349.360	348.796	0.563	4.000	349.280	-2.00	4.202	348.977	-150.00
-4.323	348.237	-150.00	-4.000	348.722	-2.00	2215+0.000	348.802	348.360	0.442	4.000	348.722	-2.00	4.130	348.526	-150.00
-4.299	348.069	-150.00	-4.000	348.517	-2.00	2216+0.000	348.597	348.189	0.408	4.000	348.517	-2.00	4.142	348.304	-150.00
-4.317	348.059	-150.00	-4.000	348.534	-2.00	2217+0.000	348.614	348.275	0.339	4.000	348.534	-2.00	4.027	348.494	-150.00
-4.211	348.538	-150.00	-4.000	348.854	-2.00	2218+0.000	348.934	348.692	0.242	4.000	348.854	-2.00	4.071	348.901	66.67
-4.125	348.985	-150.00	-4.000	349.173	-2.00	2219+0.000	349.253	349.129	0.124	4.000	349.173	-2.00	4.320	349.387	66.67
-4.034	349.516	66.67	-4.000	349.493	-2.00	2220+0.000	349.573	349.711	-0.138	4.000	349.493	-2.00	4.676	349.944	66.67
-4.141	349.907	66.67	-4.000	349.813	-2.00	2221+0.000	349.893	350.180	-0.288	4.000	349.813	-2.00	5.051	350.514	66.67
-4.070	350.027	-150.00	-4.000	350.132	-2.00	2222+0.000	350.212	350.319	-0.107	4.000	350.132	-2.00	4.796	350.663	66.67
-4.196	350.159	-150.00	-4.000	350.452	-2.00	2223+0.000	350.532	350.474	0.058	4.000	350.452	-2.00	4.547	350.817	66.67
-4.357	350.237	-150.00	-4.000	350.772	-2.00	2224+0.000	350.852	350.565	0.287	4.000	350.772	-2.00	4.193	350.900	66.67
-4.393	350.513	-150.00	-4.000	351.102	-2.00	2225+0.000	351.182	350.822	0.361	4.000	351.102	-2.00	4.055	351.139	66.67
-4.370	350.943	-150.00	-4.000	351.498	-2.00	2226+0.000	351.578	351.182	0.396	4.000	351.498	-2.00			
-4.421	351.067	-150.00	-4.000	351.698	-2.00	2227+0.000	351.778	351.337	0.441	4.000	351.698	-2.00	4.063	351.604	-150.00
-4.492	350.882	-150.00	-4.000	351.619	-2.00	2228+0.000	351.699	351.157	0.543	4.000	351.619	-2.00	4.140	351.410	-150.00
-4.577	350.676	-150.00	-4.000	351.541	-2.00	2229+0.000	351.621	350.961	0.660	4.000	351.541	-2.00	4.214	351.219	-150.00
-4.690	350.428	-150.00	-4.000	351.462	-2.00	2230+0.000	351.542	350.698	0.844	4.000	351.462	-2.00	4.342	350.949	-150.00
-4.610	350.469	-150.00	-4.000	351.383	-2.00	2231+0.000	351.463	350.666	0.797	4.000	351.383	-2.00	4.354	350.852	-150.00
-4.344	350.788	-150.00	-4.000	351.305	-2.00	2232+0.000	351.385	350.949	0.436	4.000	351.305	-2.00	4.136	351.101	-150.00
-4.323	350.741	-150.00	-4.000	351.226	-2.00	2233+0.000	351.306	350.882	0.424	4.000	351.226	-2.00	4.123	351.042	-150.00
-4.356	350.432	-150.00	-4.000	350.966	-2.00	2234+0.000	351.046	350.578	0.468	4.000	350.966	-2.00	4.150	350.741	-150.00
-4.363	350.048	-150.00	-4.000	350.592	-2.00	2235+0.000	350.672	350.224	0.449	4.000	350.592	-2.00	4.134	350.390	-150.00
-4.331	349.722	-150.00	-4.000	350.218	-2.00	2236+0.000	350.298	349.855	0.443	4.000	350.218	-2.00	4.131	350.022	-150.00
-4.265	349.607	-150.00	-4.000	350.005	-2.00	2237+0.000	350.085	349.702	0.383	4.000	350.005	-2.00	4.141	349.794	-150.00
-4.276	349.753	-150.00	-4.000	350.167	-2.00	2238+0.000	350.247	349.837	0.411	4.000	350.167	-2.00	4.166	349.918	-150.00
-4.232	350.036	-150.00	-4.000	350.384	-2.00	2239+0.000	350.464	350.102	0.363	4.000	350.384	-2.00	4.146	350.166	-150.00
-4.199	350.379	-150.00	-4.000	350.677	-2.00	2240+0.000	350.757	350.457	0.301	4.000	350.677	-2.00	4.097	350.533	-150.00
-4.070	350.833	-150.00	-4.000	350.937	-2.00	2241+0.000	351.017	350.915	0.102	4.000	350.937	-2.00	4.090	350.998	66.67
-4.132	351.285	66.67	-4.000	351.197	-2.00	2242+0.000	351.277	351.319	-0.041	4.000	351.197	-2.00	4.320	351.411	66.67
-4.403	351.726	66.67	-4.000	351.457	-2.00	2243+0.000	351.537	351.692	-0.155	4.000	351.457	-2.00	4.431	351.745	66.67
-4.155	351.821	66.67	-4.000	351.717	-2.00	2244+0.000	351.797	351.943	-0.146	4.000	351.717	-2.00	4.539	352.077	66.67
-4.034	352.000	66.67	-4.000	351.977	-2.00	2245+0.000	352.057	352.102	-0.045	4.000	351.977	-2.00	4.347	352.209	66.67
-4.120	352.057	-150.00	-4.000	352.237	-2.00	2246+0.000	352.317	352.129	0.188	4.000	352.237	-2.00	4.006	352.228	-150.00
-4.201	352.196	-150.00	-4.000	352.497	-2.00	2247+0.000	352.577	352.277	0.300	4.000	352.497	-2.00	4.094	352.356	-150.00
-4.243	352.393	-150.00	-4.000	352.757	-2.00	2248+0.000	352.837	352.475	0.362	4.000	352.757	-2.00	4.083	352.633	-150.00
-4.306	352.519	-150.00	-4.000	352.977	-2.00	2249+0.000	353.057	352.666	0.391	4.000	352.977	-2.00	4.086	352.848	-150.00
-4.237	352.590	-150.00	-4.000	352.945	-2.00	2250+0.000	353.025	352.778	0.247	4.000	352.945	-2.00	4.017	352.956	66.67
-4.144	352.641	-150.00	-4.000	352.857	-2.00	2251+0.000	352.937	352.800	0.137	4.000	352.857	-2.00	4.153	352.959	66.67
-4.144	352.553	-150.00	-4.000	352.770	-2.00	2252+0.000	352.850	352.722	0.128	4.000	352.770	-2.00	4.183	352.892	66.67
-4.207	352.371	-150.00	-4.000	352.682	-2.00	2253+0.000	352.762	352.515	0.247	4.000	352.682	-2.00	4.019	352.653	-150.00
-4.275	352.183	-150.00	-4.000	352.595	-2.00	2254+0.000	352.675	352.294	0.381	4.000	352.595	-2.00	4.098	352.448	-150.00
-4.300	352.101	-150.00	-4.000	352.550	-2.00	2255+0.000	352.630	352.178	0.452	4.000	352.550	-2.00	4.197	352.255	-150.00
-4.498	351.996	-150.00	-4.000	352.744	-2.00	2256+0.000	352.824	352.094	0.730	4.000	352.744	-2.00	4.351	352.217	-150.00
-4.508	352.206	-150.00	-4.000	352.969	-2.00	2257+0.000	353.049	352.330	0.719	4.000	352.969	-2.00	4.344	352.453	-150.00
-4.564	352.347	-150.00	-4.000	353.193	-2.00	2258+0.000	353.273	352.509	0.764	4.000	353.193	-2.00	4.347	352.672	-150.00
-4.539	352.609	-150.00	-4.000	353.417	-2.00	2259+0.000	353.497	352.780	0.717	4.000	353.417	-2.00	4.316	352.943	-150.00
-4.426	353.003	-150.00	-4.000	353.642	-2.00	2260+0.000	353.722	353.141	0.581	4.000	353.642	-2.00	4.246	353.274	-150.00

-4.295	353.415	-150.00	-4.000	353.858	-2.00	2261+0.000	353.938	353.550	0.388	4.000	353.858	-2.00	4.120	353.679	-150.00
-4.026	353.924	-150.00	-4.000	353.963	-2.00	2262+0.000	354.043	354.024	0.019	4.000	353.963	-2.00	4.250	354.130	66.67
-4.557	354.439	66.67	-4.000	354.068	-2.00	2263+0.000	354.148	354.549	-0.401	4.000	354.068	-2.00	4.898	354.666	66.67
-5.027	354.857	66.67	-4.000	354.172	-2.00	2264+0.000	354.252	355.021	-0.769	4.000	354.172	-2.00	5.545	355.203	66.67
-5.184	355.066	66.67	-4.000	354.277	-2.00	2265+0.000	354.357	355.148	-0.791	4.000	354.277	-2.00	5.457	355.248	66.67
-5.159	355.154	66.67	-4.000	354.381	-2.00	2266+0.000	354.461	355.234	-0.773	4.000	354.381	-2.00	5.605	355.451	66.67
-4.940	355.112	66.67	-4.000	354.485	-2.00	2267+0.000	354.565	355.259	-0.693	4.000	354.485	-2.00	5.399	355.418	66.67
-4.918	355.202	66.67	-4.000	354.590	-2.00	2268+0.000	354.670	355.306	-0.636	4.000	354.590	-2.00	5.239	355.416	66.67
-4.228	354.846	66.67	-4.000	354.694	-2.00	2269+0.000	354.774	354.954	-0.180	4.000	354.694	-2.00	4.688	355.153	66.67
-4.125	354.612	-150.00	-4.000	354.799	-2.00	2270+0.000	354.879	354.785	0.094	4.000	354.799	-2.00	4.246	354.962	66.67
-4.224	354.568	-150.00	-4.000	354.903	-2.00	2271+0.000	354.983	354.615	0.368	4.000	354.903	-2.00	4.036	354.848	-150.00
-4.358	354.667	-150.00	-4.000	355.204	-2.00	2272+0.000	355.284	354.758	0.525	4.000	355.204	-2.00	4.236	354.850	-150.00
-4.544	354.812	-150.00	-4.000	355.627	-2.00	2273+0.000	355.707	354.933	0.774	4.000	355.627	-2.00	4.385	355.050	-150.00
-4.597	355.155	-150.00	-4.000	356.051	-2.00	2274+0.000	356.131	355.334	0.797	4.000	356.051	-2.00	4.351	355.524	-150.00
-4.569	355.621	-150.00	-4.000	356.474	-2.00	2275+0.000	356.554	355.847	0.707	4.000	356.474	-2.00	4.272	356.065	-150.00
-4.457	356.212	-150.00	-4.000	356.897	-2.00	2276+0.000	356.977	356.431	0.547	4.000	356.897	-2.00	4.175	356.635	-150.00
-4.379	356.753	-150.00	-4.000	357.321	-2.00	2277+0.000	357.401	356.959	0.441	4.000	357.321	-2.00	4.099	357.172	-150.00
-4.305	357.271	-150.00	-4.000	357.729	-2.00	2278+0.000	357.809	357.448	0.360	4.000	357.729	-2.00	4.060	357.639	-150.00
-4.334	357.133	-150.00	-4.000	357.634	-2.00	2279+0.000	357.714	357.390	0.324	4.000	357.634	-2.00			
-4.183	357.036	-150.00	-4.000	357.311	-2.00	2280+0.000	357.391	357.244	0.147	4.000	357.311	-2.00	4.213	357.453	66.67
-4.258	356.601	-150.00	-4.000	356.988	-2.00	2281+0.000	357.068	356.791	0.278	4.000	356.988	-2.00	4.013	356.970	-150.00
-4.435	356.014	-150.00	-4.000	356.666	-2.00	2282+0.000	356.746	356.231	0.514	4.000	356.666	-2.00	4.153	356.435	-150.00
-4.527	355.553	-150.00	-4.000	356.343	-2.00	2283+0.000	356.423	355.786	0.636	4.000	356.343	-2.00	4.226	356.004	-150.00
-4.640	355.060	-150.00	-4.000	356.020	-2.00	2284+0.000	356.100	355.287	0.813	4.000	356.020	-2.00	4.347	355.499	-150.00
-4.556	354.862	-150.00	-4.000	355.697	-2.00	2285+0.000	355.777	355.075	0.702	4.000	355.697	-2.00	4.281	355.275	-150.00
-4.434	354.783	-150.00	-4.000	355.434	-2.00	2286+0.000	355.514	354.990	0.524	4.000	355.434	-2.00	4.166	355.184	-150.00
-4.661	354.530	-150.00	-4.000	355.522	-2.00	2287+0.000	355.602	354.784	0.818	4.000	355.522	-2.00	4.334	355.020	-150.00
-4.493	354.917	-150.00	-4.000	355.656	-2.00	2288+0.000	355.736	355.172	0.564	4.000	355.656	-2.00	4.165	355.409	-150.00
-4.376	355.325	-150.00	-4.000	355.889	-2.00	2289+0.000	355.969	355.505	0.463	4.000	355.889	-2.00	4.142	355.676	-150.00
-4.318	355.734	-150.00	-4.000	356.210	-2.00	2290+0.000	356.290	355.915	0.375	4.000	356.210	-2.00	4.084	356.083	-150.00
-4.319	356.138	-150.00	-4.000	356.616	-2.00	2291+0.000	356.696	356.346	0.349	4.000	356.616	-2.00	4.049	356.543	-150.00
-4.403	356.441	-150.00	-4.000	357.046	-2.00	2292+0.000	357.126	356.695	0.430	4.000	357.046	-2.00	4.077	356.931	-150.00
-4.378	356.579	-150.00	-4.000	357.146	-2.00	2293+0.000	357.226	356.840	0.386	4.000	357.146	-2.00	4.041	357.084	-150.00
-4.353	356.859	-150.00	-4.000	357.389	-2.00	2294+0.000	357.469	357.119	0.350	4.000	357.389	-2.00	4.020	357.359	-150.00
-4.350	357.274	-150.00	-4.000	357.798	-2.00	2295+0.000	357.878	357.527	0.352	4.000	357.798	-2.00	4.022	357.765	-150.00
-4.334	357.756	-150.00	-4.000	358.257	-2.00	2296+0.000	358.337	357.996	0.341	4.000	358.257	-2.00	4.017	358.232	-150.00
-4.286	358.372	-150.00	-4.000	358.801	-2.00	2297+0.000	358.881	358.594	0.286	4.000	358.801	-2.00	4.027	358.761	-150.00
-4.500	359.178	-150.00	-4.000	359.927	-2.00	2298+0.000	360.007	359.317	0.690	4.000	359.927	-2.00	4.318	359.451	-150.00
-4.658	360.035	-150.00	-4.000	361.021	-2.00	2299+0.000	361.101	360.152	0.949	4.000	361.021	-2.00	4.504	360.265	-150.00
-4.593	360.931	-150.00	-4.000	361.821	-2.00	2300+0.000	361.901	361.039	0.862	4.000	361.821	-2.00	4.451	361.144	-150.00
-4.409	361.872	-150.00	-4.000	362.485	-2.00	2301+0.000	362.565	361.959	0.605	4.000	362.485	-2.00	4.293	362.045	-150.00
-4.248	362.640	-150.00	-4.000	363.012	-2.00	2302+0.000	363.092	362.745	0.346	4.000	363.012	-2.00	4.094	362.870	-150.00
-4.042	363.338	-150.00	-4.000	363.402	-2.00	2303+0.000	363.482	363.497	-0.015	4.000	363.402	-2.00	4.387	363.660	66.67
-4.078	363.707	66.67	-4.000	363.655	-2.00	2304+0.000	363.735	363.856	-0.121	4.000	363.655	-2.00	4.563	364.031	66.67
-4.290	363.966	66.67	-4.000	363.773	-2.00	2305+0.000	363.853	364.125	-0.272	4.000	363.773	-2.00	4.795	364.302	66.67
-4.238	363.935	66.67	-4.000	363.777	-2.00	2306+0.000	363.857	364.144	-0.287	4.000	363.777	-2.00	4.834	364.333	66.67
-4.070	363.816	66.67	-4.000	363.770	-2.00	2307+0.000	363.850	363.995	-0.145	4.000	363.770	-2.00	4.593	364.165	66.67
-4.143	363.548	-150.00	-4.000	363.762	-2.00	2308+0.000	363.842	363.701	0.141	4.000	363.762	-2.00	4.137	363.854	66.67
-4.522	362.972	-150.00	-4.000	363.755	-2.00	2309+0.000	363.835	363.260	0.575	4.000	363.755	-2.00	4.170	363.501	-150.00
-4.951	362.321	-150.00	-4.000	363.748	-2.00	2310+0.000	363.828	362.675	1.153	4.000	363.748	-2.00	4.498	363.001	-150.00
-5.220	361.911	-150.00	-4.000	363.741	-2.00	2311+0.000	363.821	362.289	1.532	4.000	363.741	-2.00	4.760	362.600	-150.00
-5.438	361.577	-150.00	-4.000	363.733	-2.00	2312+0.000	363.813	361.989	1.824	4.000	363.733	-2.00	4.924	362.348	-150.00
-5.531	361.430	-150.00	-4.000	363.726	-2.00	2313+0.000	363.806	361.872	1.934	4.000	363.726	-2.00	4.971	362.269	-150.00
-5.441	361.558	-150.00	-4.000	363.719	-2.00	2314+0.000	363.799	362.040	1.759	4.000	363.719	-2.00	4.858	362.432	-150.00
-5.255	361.829	-150.00	-4.000	363.712	-2.00	2315+0.000	363.792	362.262	1.530	4.000	363.712	-2.00	4.705	362.655	-150.00
-5.033	362.155	-150.00	-4.000	363.704	-2.00	2316+0.000	363.784	362.593	1.191	4.000	363.704	-2.00	4.491	362.968	-150.00
-4.808	362.485	-150.00	-4.000	363.697	-2.00	2317+0.000	363.777	362.921	0.856	4.000	363.697	-2.00	4.271	363.290	-150.00
-4.547	362.869	-150.00	-4.000	363.690	-2.00	2318+0.000	363.770	363.262	0.508	4.000	363.690	-2.00	4.052	363.612	-150.00
-4.446	363.045	-150.00	-4.000	363.715	-2.00	2319+0.000	363.795	363.386	0.409	4.000	363.715	-2.00	4.014	363.694	-150.00
-4.414	363.134	-150.00	-4.000	363.755	-2.00	2320+0.000	363.835	363.431	0.405	4.000	363.755	-2.00	4.035	363.702	-150.00
-4.438	363.089	-150.00	-4.000	363.747	-2.00	2321+0.000	363.827	363.456	0.371	4.000	363.747	-2.00	4.014	363.726	-150.00
-4.443	363.214	-150.00	-4.000	363.878	-2.00	2322+0.000	363.958	363.491	0.467	4.000	363.878	-2.00	4.102	363.725	-150.00
-4.498	363.109	-150.00	-4.000	363.856	-2.00	2323+0.000	363.936	363.391	0.545	4.000	363.856	-2.00	4.152	363.628	-150.00
-4.395	363.242	-150.00	-4.000	363.834	-2.00	2324+0.000	363.914	363.490	0.424	4.000	363.834	-2.00	4.082	363.712	-150.00
-4.346	363.460	-150.00	-4.000	363.979	-2.00	2325+0.000	364.059	363.706	0.353	4.000	363.979	-2.00	4.038	363.922	-150.00
-4.350	363.804	-150.00	-4.000	364.329	-2.00	2326+0.000	364.409	364.052	0.357	4.000	364.329	-2.00	4.049	364.255	-150.00
-4.357	364.297	-150.00	-4.000	364.832	-2.00	2327+0.000	364.912	364.565	0.347	4.000	364.832	-2.00	4.037	364.777	-150.00
-4.356	364.839	-150.00	-4.000	365.373	-2.00	2328+0.000	365.453	365.108	0.346	4.000	365.373	-2.00	4.041	365.312	-150.00
-4.339	365.405	-150.00	-4.000	365.914	-2.00	2329+0.000	365.994	365.673	0.321	4.000	365.914	-2.00	4.018	365.887	-150.00
-4.347	365.936	-150.00	-4.000	366.455	-2.00	2330+0.000	366.535	366.197	0.339	4.000	366.455	-2.00	4.023	366.421	-150.00
-4.369	366.385	-150.00	-4.000	366.939	-2.00	2331+0.000	367.019	366.658	0.360	4.000	366.939	-2.00	4.018	366.912	-150.00
-4.372	366.815	-150.00	-4.000	367.372	-2.00	2332+0.000	367.452	367.091	0.361	4.000	367.372	-2.00	4.018	367.344	-150.00
-4.379	366.946	-150.00	-4.000	367.515	-2.00	2333+0.000	367.595	367.189	0.405	4.000	367.515	-2.00	4.066	367.415	-150.00
-4.382	366.935	-150.00	-4.000	367.508	-2.00	2334+0.000	367.588	367.177	0.410	4.000	367.508	-2.00	4.087	367.377	-150.00
-4.367	366.767	-150.00	-4.000	367.317	-2.00	2335+0.000	367.397	366.978	0.419	4.000	367.317	-2.00	4.094	367.176	-150.00
-4.378	366.494	-150.00	-4.000	367.062	-2.00	2336+0.000	367.142	366.705	0.437	4.000	367.062	-2.00	4.106	366.903	-150.00
-4.388	366.093	-150.00	-4.000	366.675	-2.00	2337+0.000	366.755	366.293	0.462	4.000	366.675	-2.00	4.130	366.480	-150.00
-4.324	365.501	-150.00	-4.000	365.986	-2.00	2338+0.000	366.066	365.706	0.361	4.000	365.986	-2.00	4.059	365.898	-150.00
-4.300	364.848	-150.00	-4.000	365.298	-2.00	2339+0.000	365.378	365.053	0.325	4.000	365.298	-2.00	4.035	365.245	-150.00
-4.343	364.095	-150.00	-4.000	364.609	-2.00	2340+0.000	364.689	364.285	0.404	4.000	364.609	-2.00	4.091	364.473	-150.00
-4.392	363.333	-150.00	-4.000	363.921	-2.00	2341+0.000	364.001	363.507	0.494	4.000	363.921	-2.00	4.166	363.672	-150.00

-4.482	362.510	-150.00	-4.000	363.232	-2.00	2342+0.000	363.312	362.699	0.613	4.000	363.232	-2.00	4.236	362.879	-150.00
-4.385	361.967	-150.00	-4.000	362.544	-2.00	2343+0.000	362.624	362.116	0.508	4.000	362.544	-2.00	4.191	362.258	-150.00
-4.272	361.680	-150.00	-4.000	362.089	-2.00	2344+0.000	362.169	361.760	0.409	4.000	362.089	-2.00	4.189	361.806	-150.00
-4.259	361.578	-150.00	-4.000	361.966	-2.00	2345+0.000	362.046	361.625	0.421	4.000	361.966	-2.00	4.197	361.671	-150.00
-4.240	361.837	-150.00	-4.000	362.196	-2.00	2346+0.000	362.276	361.929	0.347	4.000	362.196	-2.00	4.117	362.021	-150.00
-4.154	362.488	-150.00	-4.000	362.719	-2.00	2347+0.000	362.799	362.421	0.378	4.000	362.719	-2.00	4.245	362.352	-150.00
-4.207	362.354	-150.00	-4.000	362.664	-2.00	2348+0.000	362.744	362.291	0.454	4.000	362.664	-2.00	4.292	362.226	-150.00
-4.189	362.290	-150.00	-4.000	362.574	-2.00	2349+0.000	362.654	362.235	0.419	4.000	362.574	-2.00	4.264	362.178	-150.00
-4.178	362.218	-150.00	-4.000	362.484	-2.00	2350+0.000	362.564	362.203	0.361	4.000	362.484	-2.00	4.197	362.188	-150.00
-4.165	362.202	-150.00	-4.000	362.449	-2.00	2351+0.000	362.529	362.141	0.388	4.000	362.449	-2.00	4.247	362.079	-150.00
-4.162	362.149	-150.00	-4.000	362.392	-2.00	2352+0.000	362.472	362.068	0.404	4.000	362.392	-2.00	4.271	361.985	-150.00
-4.128	362.259	-150.00	-4.000	362.451	-2.00	2353+0.000	362.531	362.158	0.373	4.000	362.451	-2.00	4.214	362.130	-150.00
-4.162	362.495	-150.00	-4.000	362.739	-2.00	2354+0.000	362.819	362.462	0.357	4.000	362.739	-2.00	4.207	362.428	-150.00
-4.161	362.884	-150.00	-4.000	363.125	-2.00	2355+0.000	363.205	362.848	0.357	4.000	363.125	-2.00	4.209	362.812	-150.00
-4.143	363.313	-150.00	-4.000	363.527	-2.00	2356+0.000	363.607	363.276	0.331	4.000	363.527	-2.00	4.190	363.241	-150.00
-4.053	363.889	-150.00	-4.000	363.968	-2.00	2357+0.000	364.048	363.900	0.149	4.000	363.968	-2.00	4.131	364.056	66.67
-4.167	364.521	66.67	-4.000	364.410	-2.00	2358+0.000	364.490	364.679	-0.189	4.000	364.410	-2.00	4.670	364.857	66.67
-4.225	365.002	66.67	-4.000	364.852	-2.00	2359+0.000	364.932	365.121	-0.189	4.000	364.852	-2.00	4.598	365.250	66.67
-4.067	365.193	-150.00	-4.000	365.294	-2.00	2360+0.000	365.374	365.283	0.091	4.000	365.294	-2.00	4.120	365.374	66.67
-4.248	365.269	-150.00	-4.000	365.641	-2.00	2361+0.000	365.721	365.443	0.278	4.000	365.641	-2.00	4.022	365.608	-150.00
-4.136	365.518	-150.00	-4.000	365.722	-2.00	2362+0.000	365.802	365.661	0.141	4.000	365.722	-2.00	4.122	365.803	66.67
-4.069	365.700	-150.00	-4.000	365.803	-2.00	2363+0.000	365.883	365.774	0.110	4.000	365.803	-2.00	4.066	365.847	66.67
-4.230	365.540	-150.00	-4.000	365.885	-2.00	2364+0.000	365.965	365.579	0.385	4.000	365.885	-2.00	4.119	365.706	-150.00
-4.209	365.616	-150.00	-4.000	365.930	-2.00	2365+0.000	366.010	365.712	0.297	4.000	365.930	-2.00	4.083	365.806	-150.00
-4.160	365.728	-150.00	-4.000	365.968	-2.00	2366+0.000	366.048	365.776	0.272	4.000	365.968	-2.00	4.097	365.823	-150.00
-4.176	365.742	-150.00	-4.000	366.006	-2.00	2367+0.000	366.086	365.761	0.325	4.000	366.006	-2.00	4.151	365.779	-150.00
-4.223	365.749	-150.00	-4.000	366.083	-2.00	2368+0.000	366.163	365.905	0.258	4.000	366.083	-2.00	4.019	366.054	-150.00
-4.091	366.076	-150.00	-4.000	366.212	-2.00	2369+0.000	366.292	366.218	0.074	4.000	366.212	-2.00	4.228	366.364	66.67
-4.234	366.497	66.67	-4.000	366.341	-2.00	2370+0.000	366.421	366.606	-0.185	4.000	366.341	-2.00	4.576	366.725	66.67
-4.417	366.748	66.67	-4.000	366.470	-2.00	2371+0.000	366.550	366.850	-0.300	4.000	366.470	-2.00	4.827	367.022	66.67
-4.469	366.912	66.67	-4.000	366.599	-2.00	2372+0.000	366.679	367.082	-0.403	4.000	366.599	-2.00	5.011	367.273	66.67
-4.617	367.140	66.67	-4.000	366.729	-2.00	2373+0.000	366.809	367.318	-0.509	4.000	366.729	-2.00	5.183	367.517	66.67
-4.566	367.235	66.67	-4.000	366.858	-2.00	2374+0.000	366.938	367.379	-0.441	4.000	366.858	-2.00	5.030	367.544	66.67
-4.443	367.282	66.67	-4.000	366.987	-2.00	2375+0.000	367.067	367.401	-0.334	4.000	366.987	-2.00	4.814	367.530	66.67
-4.249	367.282	66.67	-4.000	367.116	-2.00	2376+0.000	367.196	367.346	-0.150	4.000	367.116	-2.00	4.586	367.507	66.67
-4.054	367.163	-150.00	-4.000	367.245	-2.00	2377+0.000	367.325	367.284	0.041	4.000	367.245	-2.00	4.221	367.393	66.67
-4.148	367.152	-150.00	-4.000	367.374	-2.00	2378+0.000	367.454	367.236	0.218	4.000	367.374	-2.00	4.038	367.318	-150.00
-4.223	367.168	-150.00	-4.000	367.503	-2.00	2379+0.000	367.583	367.226	0.357	4.000	367.503	-2.00	4.147	367.283	-150.00
-4.226	367.294	-150.00	-4.000	367.632	-2.00	2380+0.000	367.712	367.347	0.365	4.000	367.632	-2.00	4.155	367.400	-150.00
-4.242	367.403	-150.00	-4.000	367.766	-2.00	2381+0.000	367.846	367.466	0.380	4.000	367.766	-2.00	4.159	367.528	-150.00
-4.220	367.599	-150.00	-4.000	367.929	-2.00	2382+0.000	368.009	367.643	0.366	4.000	367.929	-2.00	4.129	367.735	-150.00
-4.237	368.085	-150.00	-4.000	368.441	-2.00	2383+0.000	368.521	368.178	0.342	4.000	368.441	-2.00	4.114	368.269	-150.00
-4.248	368.498	-150.00	-4.000	368.870	-2.00	2384+0.000	368.950	368.592	0.358	4.000	368.870	-2.00	4.124	368.684	-150.00
-4.082	368.797	-150.00	-4.000	368.920	-2.00	2385+0.000	369.000	368.883	0.117	4.000	368.920	-2.00	4.074	368.969	66.67
-4.203	369.058	66.67	-4.000	368.923	-2.00	2386+0.000	369.003	369.125	-0.123	4.000	368.923	-2.00	4.411	369.197	66.67
-4.061	368.966	66.67	-4.000	368.926	-2.00	2387+0.000	369.006	369.057	-0.051	4.000	368.926	-2.00	4.395	369.189	66.67
-4.115	368.757	-150.00	-4.000	368.929	-2.00	2388+0.000	369.009	368.897	0.112	4.000	368.929	-2.00	4.161	369.036	66.67
-4.257	368.547	-150.00	-4.000	368.932	-2.00	2389+0.000	369.012	368.736	0.276	4.000	368.932	-2.00	4.029	368.889	-150.00
-4.328	368.443	-150.00	-4.000	368.935	-2.00	2390+0.000	369.015	368.618	0.397	4.000	368.935	-2.00	4.101	368.784	-150.00
-4.399	368.409	-150.00	-4.000	369.007	-2.00	2391+0.000	369.087	368.585	0.502	4.000	369.007	-2.00	4.172	368.749	-150.00
-4.420	368.471	-150.00	-4.000	369.101	-2.00	2392+0.000	369.181	368.636	0.545	4.000	369.101	-2.00	4.205	368.794	-150.00
-4.399	368.597	-150.00	-4.000	369.195	-2.00	2393+0.000	369.275	368.761	0.514	4.000	369.195	-2.00	4.185	368.918	-150.00
-4.349	368.765	-150.00	-4.000	369.289	-2.00	2394+0.000	369.369	368.909	0.461	4.000	369.289	-2.00	4.151	369.063	-150.00
-4.298	368.936	-150.00	-4.000	369.383	-2.00	2395+0.000	369.463	369.072	0.391	4.000	369.383	-2.00	4.120	369.203	-150.00
-4.298	369.020	-150.00	-4.000	369.466	-2.00	2396+0.000	369.546	369.156	0.391	4.000	369.466	-2.00	4.122	369.283	-150.00
-4.304	368.993	-150.00	-4.000	369.450	-2.00	2397+0.000	369.530	369.120	0.410	4.000	369.450	-2.00	4.144	369.235	-150.00
-4.294	368.956	-150.00	-4.000	369.397	-2.00	2398+0.000	369.477	369.078	0.399	4.000	369.397	-2.00	4.134	369.196	-150.00
-4.339	368.835	-150.00	-4.000	369.344	-2.00	2399+0.000	369.424	368.955	0.469	4.000	369.344	-2.00	4.182	369.071	-150.00
-4.324	368.805	-150.00	-4.000	369.291	-2.00	2400+0.000	369.371	368.924	0.447	4.000	369.291	-2.00	4.169	369.038	-150.00
-4.348	368.716	-150.00	-4.000	369.238	-2.00	2401+0.000	369.318	368.866	0.452	4.000	369.238	-2.00	4.151	369.012	-150.00
-4.293	368.746	-150.00	-4.000	369.185	-2.00	2402+0.000	369.265	368.875	0.390	4.000	369.185	-2.00	4.113	369.015	-150.00
-4.273	368.851	-150.00	-4.000	369.261	-2.00	2403+0.000	369.341	368.962	0.379	4.000	369.261	-2.00	4.127	369.070	-150.00
-4.271	368.971	-150.00	-4.000	369.377	-2.00	2404+0.000	369.457	369.097	0.360	4.000	369.377	-2.00	4.106	369.218	-150.00
-4.280	369.256	-150.00	-4.000	369.675	-2.00	2405+0.000	369.755	369.355	0.400	4.000	369.675	-2.00	4.183	369.401	-150.00
-4.309	369.514	-150.00	-4.000	369.977	-2.00	2406+0.000	370.057	369.582	0.475	4.000	369.977	-2.00	4.219	369.649	-150.00
-4.266	369.880	-150.00	-4.000	370.279	-2.00	2407+0.000	370.359	369.937	0.423	4.000	370.279	-2.00	4.190	369.994	-150.00
-4.214	370.260	-150.00	-4.000	370.581	-2.00	2408+0.000	370.661	370.264	0.398	4.000	370.581	-2.00	4.211	370.265	-150.00
-4.230	370.539	-150.00	-4.000	370.883	-2.00	2409+0.000	370.963	370.547	0.417	4.000	370.883	-2.00	4.220	370.554	-150.00
-4.205	370.878	-150.00	-4.000	371.185	-2.00	2410+0.000	371.265	370.886	0.380	4.000	371.185	-2.00	4.209	370.871	-150.00
-4.239	370.994	-150.00	-4.000	371.353	-2.00	2411+0.000	371.433	371.015	0.418	4.000	371.353	-2.00	4.236	370.999	-150.00
-4.282	370.916	-150.00	-4.000	371.338	-2.00	2412+0.000	371.418	370.936	0.482	4.000	371.338	-2.00	4.254	370.957	-150.00
-4.288	370.892	-150.00	-4.000	371.324	-2.00	2413+0.000	371.404	370.921	0.483	4.000	371.324	-2.00	4.246	370.955	-150.00
-4.269	370.906	-150.00	-4.000	371.309	-2.00	2414+0.000	371.389	370.943	0.446	4.000	371.309	-2.00	4.220	370.979	-150.00
-4.223	370.960	-150.00	-4.000	371.295	-2.00	2415+0.000	371.375	370.993	0.382	4.000	371.295	-2.00	4.204	370.989	-150.00
-4.176	371.368	-150.00	-4.000	371.631	-2.00	2416+0.000	371.711	371.383	0.329	4.000	371.631	-2.00	4.156	371.398	-150.00
-4.204	371.936	-150.00	-4.000	372.242	-2.00	2417+0.000	372.322	371.958	0.364	4.000	372.242	-2.00	4.175	371.979	-150.00
-4.169	372.599	-150.00	-4.000	372.852	-2.00	2418+0.000	372.932	372.609	0.323	4.000	372.852	-2.00	4.156	372.618	-150.00
-4.152	373.234	-150.00	-4.000	373.462	-2.00	2419+0.000	373.542	373.254	0.288	4.000	373.462	-2.00	4.132	373.264	-150.00
-4.199	373.712	-150.00	-4.000	374.010	-2.00	2420+0.000	374.090	373.742	0.348	4.000	374.010	-2.00	4.159	373.772	-150.00
-4.217	374.010	-150.00	-4.000	374.335	-2.00	2421+0.000	374.415	374.042	0.374	4.000	374.335	-2.00	4.179	374.066	-150.00
-4.167	374.202	-150.00	-4.000	374.453	-2.00	2422+0.000	374.533	374.205	0.329	4.000	374.453	-2.00	4.142	374.241	-150.00

-4.257	374.149	-150.00	-4.000	374.535	-2.00	2423+0.000	374.615	374.215	0.399	4.000	374.535	-2.00	4.169	374.281	-150.00
-4.272	374.073	-150.00	-4.000	374.481	-2.00	2424+0.000	374.561	374.140	0.421	4.000	374.481	-2.00	4.184	374.205	-150.00
-4.237	373.971	-150.00	-4.000	374.327	-2.00	2425+0.000	374.407	373.991	0.415	4.000	374.327	-2.00	4.210	374.012	-150.00
-4.223	374.055	-150.00	-4.000	374.389	-2.00	2426+0.000	374.469	374.107	0.362	4.000	374.389	-2.00	4.173	374.130	-150.00
-4.218	374.206	-150.00	-4.000	374.533	-2.00	2427+0.000	374.613	374.230	0.383	4.000	374.533	-2.00	4.185	374.256	-150.00
-4.145	374.594	-150.00	-4.000	374.811	-2.00	2428+0.000	374.891	374.605	0.287	4.000	374.811	-2.00	4.131	374.615	-150.00
-4.072	375.010	-150.00	-4.000	375.118	-2.00	2429+0.000	375.198	375.036	0.161	4.000	375.118	-2.00	4.037	375.063	-150.00
-4.177	375.542	66.67	-4.000	375.425	-2.00	2430+0.000	375.505	375.569	-0.064	4.000	375.425	-2.00	4.258	375.597	66.67
-4.457	376.036	66.67	-4.000	375.731	-2.00	2431+0.000	375.811	376.030	-0.219	4.000	375.731	-2.00	4.442	376.026	66.67
-4.487	376.362	66.67	-4.000	376.038	-2.00	2432+0.000	376.118	376.358	-0.240	4.000	376.038	-2.00	4.476	376.355	66.67
-4.458	376.650	66.67	-4.000	376.345	-2.00	2433+0.000	376.425	376.680	-0.255	4.000	376.345	-2.00	4.495	376.675	66.67
-4.318	376.863	66.67	-4.000	376.651	-2.00	2434+0.000	376.731	376.892	-0.161	4.000	376.651	-2.00	4.406	376.922	66.67
-4.008	376.964	66.67	-4.000	376.958	-2.00	2435+0.000	377.038	376.965	0.073	4.000	376.958	-2.00	4.013	376.967	66.67
-4.153	377.036	-150.00	-4.000	377.265	-2.00	2436+0.000	377.345	377.003	0.341	4.000	377.265	-2.00	4.194	376.974	-150.00
-4.205	377.290	-150.00	-4.000	377.598	-2.00	2437+0.000	377.678	377.279	0.399	4.000	377.598	-2.00	4.229	377.255	-150.00
-4.241	377.588	-150.00	-4.000	377.950	-2.00	2438+0.000	378.030	377.566	0.463	4.000	377.950	-2.00	4.265	377.552	-150.00
-4.201	378.000	-150.00	-4.000	378.301	-2.00	2439+0.000	378.381	377.958	0.423	4.000	378.301	-2.00	4.257	377.916	-150.00
-4.154	378.421	-150.00	-4.000	378.652	-2.00	2440+0.000	378.732	378.366	0.367	4.000	378.652	-2.00	4.229	378.309	-150.00
-4.104	378.848	-150.00	-4.000	379.004	-2.00	2441+0.000	379.084	378.787	0.297	4.000	379.004	-2.00	4.189	378.720	-150.00
-4.105	379.194	-150.00	-4.000	379.352	-2.00	2442+0.000	379.432	379.113	0.319	4.000	379.352	-2.00	4.212	379.035	-150.00
-4.072	379.500	-150.00	-4.000	379.607	-2.00	2443+0.000	379.687	379.414	0.274	4.000	379.607	-2.00	4.192	379.320	-150.00
-4.066	379.709	-150.00	-4.000	379.808	-2.00	2444+0.000	379.888	379.621	0.267	4.000	379.808	-2.00	4.182	379.536	-150.00
-4.074	379.898	-150.00	-4.000	380.009	-2.00	2445+0.000	380.089	379.803	0.286	4.000	380.009	-2.00	4.203	379.704	-150.00
-4.154	379.965	-150.00	-4.000	380.196	-2.00	2446+0.000	380.276	379.886	0.390	4.000	380.196	-2.00	4.274	379.786	-150.00
-4.173	379.912	-150.00	-4.000	380.171	-2.00	2447+0.000	380.251	379.847	0.404	4.000	380.171	-2.00	4.239	379.812	-150.00
-4.113	379.842	-150.00	-4.000	380.011	-2.00	2448+0.000	380.091	379.808	0.283	4.000	380.011	-2.00	4.158	379.774	-150.00
-4.149	379.627	-150.00	-4.000	379.851	-2.00	2449+0.000	379.931	379.572	0.359	4.000	379.851	-2.00	4.223	379.516	-150.00
-4.227	379.258	-150.00	-4.000	379.599	-2.00	2450+0.000	379.679	379.194	0.485	4.000	379.599	-2.00	4.277	379.183	-150.00
-4.251	378.426	-150.00	-4.000	378.803	-2.00	2451+0.000	378.883	378.430	0.453	4.000	378.803	-2.00	4.246	378.434	-150.00
-4.246	377.638	-150.00	-4.000	378.007	-2.00	2452+0.000	378.087	377.633	0.454	4.000	378.007	-2.00	4.254	377.627	-150.00
-4.264	376.816	-150.00	-4.000	377.211	-2.00	2453+0.000	377.291	376.814	0.478	4.000	377.211	-2.00	4.226	376.872	-150.00
-4.241	376.118	-150.00	-4.000	376.480	-2.00	2454+0.000	376.560	376.093	0.467	4.000	376.480	-2.00	4.258	376.093	-150.00
-4.251	375.418	-150.00	-4.000	375.794	-2.00	2455+0.000	375.874	375.412	0.462	4.000	375.794	-2.00	4.242	375.430	-150.00
-4.261	374.850	-150.00	-4.000	375.241	-2.00	2456+0.000	375.321	374.873	0.448	4.000	375.241	-2.00	4.230	374.896	-150.00
-4.279	374.313	-150.00	-4.000	374.732	-2.00	2457+0.000	374.812	374.372	0.440	4.000	374.732	-2.00	4.202	374.429	-150.00
-4.272	373.927	-150.00	-4.000	374.334	-2.00	2458+0.000	374.414	373.985	0.429	4.000	374.334	-2.00	4.195	374.042	-150.00
-4.273	373.644	-150.00	-4.000	374.054	-2.00	2459+0.000	374.134	373.712	0.421	4.000	374.054	-2.00	4.183	373.779	-150.00
-4.279	373.447	-150.00	-4.000	373.866	-2.00	2460+0.000	373.946	373.552	0.394	4.000	373.866	-2.00	4.139	373.657	-150.00
-4.263	373.523	-150.00	-4.000	373.918	-2.00	2461+0.000	373.998	373.630	0.368	4.000	373.918	-2.00	4.123	373.733	-150.00
-4.242	374.031	-150.00	-4.000	374.395	-2.00	2462+0.000	374.475	374.134	0.341	4.000	374.395	-2.00	4.108	374.233	-150.00
-4.243	374.545	-150.00	-4.000	374.910	-2.00	2463+0.000	374.990	374.637	0.353	4.000	374.910	-2.00	4.125	374.722	-150.00
-4.196	374.987	-150.00	-4.000	375.281	-2.00	2464+0.000	375.361	375.073	0.288	4.000	375.281	-2.00	4.083	375.157	-150.00
-4.053	375.511	-150.00	-4.000	375.591	-2.00	2465+0.000	375.671	375.635	0.037	4.000	375.591	-2.00	4.260	375.765	66.67
-4.144	375.998	66.67	-4.000	375.902	-2.00	2466+0.000	375.982	376.127	-0.146	4.000	375.902	-2.00	4.595	376.299	66.67
-4.348	376.444	66.67	-4.000	376.212	-2.00	2467+0.000	376.292	376.606	-0.314	4.000	376.212	-2.00	4.863	376.788	66.67
-4.150	376.622	66.67	-4.000	376.522	-2.00	2468+0.000	376.602	376.831	-0.229	4.000	376.522	-2.00	4.828	377.074	66.67
-4.031	376.786	-150.00	-4.000	376.833	-2.00	2469+0.000	376.913	376.987	-0.075	4.000	376.833	-2.00	4.628	377.251	66.67
-4.199	376.845	-150.00	-4.000	377.143	-2.00	2470+0.000	377.223	377.102	0.121	4.000	377.143	-2.00	4.338	377.369	66.67
-4.356	376.760	-150.00	-4.000	377.294	-2.00	2471+0.000	377.374	377.022	0.352	4.000	377.294	-2.00	4.021	377.263	-150.00
-4.229	376.600	-150.00	-4.000	376.943	-2.00	2472+0.000	377.023	376.853	0.170	4.000	376.943	-2.00	4.247	377.107	66.67
-4.142	376.379	-150.00	-4.000	376.592	-2.00	2473+0.000	376.672	376.639	0.032	4.000	376.592	-2.00	4.496	376.922	66.67
-4.077	376.125	-150.00	-4.000	376.240	-2.00	2474+0.000	376.320	376.362	-0.042	4.000	376.240	-2.00	4.581	376.628	66.67
-4.110	375.725	-150.00	-4.000	375.889	-2.00	2475+0.000	375.969	375.962	0.006	4.000	375.889	-2.00	4.501	376.223	66.67
-4.272	375.129	-150.00	-4.000	375.538	-2.00	2476+0.000	375.618	375.366	0.251	4.000	375.538	-2.00	4.084	375.593	66.67
-4.389	374.602	-150.00	-4.000	375.186	-2.00	2477+0.000	375.266	374.851	0.416	4.000	375.186	-2.00	4.064	375.091	-150.00
-4.546	374.017	-150.00	-4.000	374.835	-2.00	2478+0.000	374.915	374.315	0.600	4.000	374.835	-2.00	4.165	374.587	-150.00
-4.558	373.646	-150.00	-4.000	374.484	-2.00	2479+0.000	374.564	373.801	0.763	4.000	374.484	-2.00	4.286	374.055	-150.00
-4.442	373.469	-150.00	-4.000	374.132	-2.00	2480+0.000	374.212	373.640	0.572	4.000	374.132	-2.00	4.219	373.803	-150.00
-4.319	373.582	-150.00	-4.000	374.060	-2.00	2481+0.000	374.140	373.723	0.417	4.000	374.060	-2.00	4.130	373.866	-150.00
-4.326	373.910	-150.00	-4.000	374.398	-2.00	2482+0.000	374.478	374.053	0.425	4.000	374.398	-2.00	4.157	374.162	-150.00
-4.336	374.232	-150.00	-4.000	374.736	-2.00	2483+0.000	374.816	374.355	0.461	4.000	374.736	-2.00	4.175	374.473	-150.00
-4.239	374.715	-150.00	-4.000	375.073	-2.00	2484+0.000	375.153	374.790	0.363	4.000	375.073	-2.00	4.143	374.859	-150.00
-4.171	375.154	-150.00	-4.000	375.411	-2.00	2485+0.000	375.491	375.139	0.352	4.000	375.411	-2.00	4.136	375.207	-150.00
-4.143	375.534	-150.00	-4.000	375.748	-2.00	2486+0.000	375.828	375.480	0.349	4.000	375.748	-2.00	4.171	375.492	-150.00
-4.173	375.820	-150.00	-4.000	376.080	-2.00	2487+0.000	376.160	375.779	0.381	4.000	376.080	-2.00	4.219	375.751	-150.00
-4.215	375.914	-150.00	-4.000	376.236	-2.00	2488+0.000	376.316	375.917	0.400	4.000	376.236	-2.00	4.211	375.920	-150.00
-4.196	376.086	-150.00	-4.000	376.380	-2.00	2489+0.000	376.460	376.090	0.370	4.000	376.380	-2.00	4.193	376.091	-150.00
-4.132	376.325	-150.00	-4.000	376.524	-2.00	2490+0.000	376.604	376.326	0.278	4.000	376.524	-2.00	4.131	376.327	-150.00
-4.066	376.569	-150.00	-4.000	376.668	-2.00	2491+0.000	376.748	376.574	0.173	4.000	376.668	-2.00	4.058	376.580	-150.00
-4.049	376.844	66.67	-4.000	376.811	-2.00	2492+0.000	376.891	376.850	0.041	4.000	376.811	-2.00	4.067	376.856	66.67
-4.302	377.156	66.67	-4.000	376.955	-2.00	2493+0.000	377.035	377.156	-0.120	4.000	376.955	-2.00	4.300	377.155	66.67
-4.430	377.385	66.67	-4.000	377.099	-2.00	2494+0.000	377.179	377.385	-0.206	4.000	377.099	-2.00	4.438	377.391	66.67
-4.528	377.594	66.67	-4.000	377.243	-2.00	2495+0.000	377.323	377.600	-0.277	4.000	377.243	-2.00	4.543	377.605	66.67
-4.559	377.759	66.67	-4.000	377.386	-2.00	2496+0.000	377.466	377.762	-0.296	4.000	377.386	-2.00	4.569	377.766	66.67
-4.540	377.890	66.67	-4.000	377.530	-2.00	2497+0.000	377.610	377.895	-0.285	4.000	377.530	-2.00	4.552	377.898	66.67
-4.479	377.993	66.67	-4.000	377.674	-2.00	2498+0.000	377.754	377.989	-0.236	4.000	377.674	-2.00	4.468	377.986	66.67
-4.286	378.008	66.67	-4.000	377.817	-2.00	2499+0.000	377.897	378.004	-0.107	4.000	377.817	-2.00	4.236	377.975	66.67
-4.080	378.014	66.67	-4.000	377.961	-2.00	2500+0.000	378.041	377.989	0.052	4.000	377.961	-2.00	4.006	377.965	66.67
-4.026	378.066	-150.00	-4.000	378.105	-2.00	2501+0.000	378.185	378.013	0.172	4.000	378.105	-2.00	4.098	377.958	-150.00
-4.100	378.099	-150.00	-4.000	378.249	-2.00	2502+0.000	378.329	378.021	0.308	4.000	378.249	-2.00	4.188	377.967	-150.00
-4.100	378.302	-150.00	-4.000	378.452	-2.00	2503+0.000	378.532	378.162	0.370	4.000	378.452	-2.00	4.228	378.110	-150.00

Projetos e Obras

-4.102	378.685	-150.00	-4.000	378.838	-2.00	2504+0.000	378.918	378.542	0.375	4.000	378.838	-2.00	4.257	378.452	-150.00
-4.035	379.176	-150.00	-4.000	379.228	-2.00	2505+0.000	379.308	379.061	0.247	4.000	379.228	-2.00	4.191	378.942	-150.00
-4.011	379.625	66.67	-4.000	379.618	-2.00	2506+0.000	379.698	379.492	0.205	4.000	379.618	-2.00	4.175	379.355	-150.00
-4.093	379.867	-150.00	-4.000	380.007	-2.00	2507+0.000	380.087	379.761	0.327	4.000	380.007	-2.00	4.238	379.651	-150.00
-4.122	379.836	-150.00	-4.000	380.019	-2.00	2508+0.000	380.099	379.686	0.414	4.000	380.019	-2.00	4.327	379.528	-150.00
-4.074	379.631	-150.00	-4.000	379.742	-2.00	2509+0.000	379.822	379.474	0.349	4.000	379.742	-2.00	4.287	379.312	-150.00
-4.092	379.326	-150.00	-4.000	379.465	-2.00	2510+0.000	379.545	379.181	0.364	4.000	379.465	-2.00	4.291	379.028	-150.00
-4.113	379.019	-150.00	-4.000	379.188	-2.00	2511+0.000	379.268	378.869	0.398	4.000	379.188	-2.00	4.316	378.713	-150.00
-4.161	378.670	-150.00	-4.000	378.911	-2.00	2512+0.000	378.991	378.524	0.467	4.000	378.911	-2.00	4.351	378.384	-150.00
-4.176	378.402	-150.00	-4.000	378.666	-2.00	2513+0.000	378.746	378.335	0.411	4.000	378.666	-2.00	4.263	378.271	-150.00
-4.214	378.324	-150.00	-4.000	378.645	-2.00	2514+0.000	378.725	378.261	0.465	4.000	378.645	-2.00	4.299	378.197	-150.00
-4.229	378.280	-150.00	-4.000	378.624	-2.00	2515+0.000	378.704	378.220	0.484	4.000	378.624	-2.00	4.310	378.159	-150.00
-4.226	378.264	-150.00	-4.000	378.603	-2.00	2516+0.000	378.683	378.170	0.513	4.000	378.603	-2.00	4.309	378.139	-150.00
-4.255	378.199	-150.00	-4.000	378.582	-2.00	2517+0.000	378.662	378.107	0.555	4.000	378.582	-2.00	4.380	378.012	-150.00
-4.260	378.171	-150.00	-4.000	378.561	-2.00	2518+0.000	378.641	378.086	0.555	4.000	378.561	-2.00	4.364	378.015	-150.00
-4.225	378.202	-150.00	-4.000	378.540	-2.00	2519+0.000	378.620	378.203	0.417	4.000	378.540	-2.00	4.229	378.196	-150.00
-4.185	378.192	-150.00	-4.000	378.469	-2.00	2520+0.000	378.549	378.171	0.378	4.000	378.469	-2.00	4.210	378.154	-150.00
-4.222	378.015	-150.00	-4.000	378.347	-2.00	2521+0.000	378.427	378.116	0.311	4.000	378.347	-2.00	4.117	378.171	-150.00
-4.166	377.977	-150.00	-4.000	378.225	-2.00	2522+0.000	378.305	378.078	0.228	4.000	378.225	-2.00	4.034	378.175	-150.00
-4.280	377.684	-150.00	-4.000	378.104	-2.00	2523+0.000	378.184	377.828	0.356	4.000	378.104	-2.00	4.085	377.976	-150.00
-4.320	377.503	-150.00	-4.000	377.982	-2.00	2524+0.000	378.062	377.658	0.405	4.000	377.982	-2.00	4.118	377.806	-150.00
-4.289	377.151	-150.00	-4.000	377.585	-2.00	2525+0.000	377.665	377.339	0.326	4.000	377.585	-2.00	4.046	377.517	-150.00
-4.288	376.683	-150.00	-4.000	377.115	-2.00	2526+0.000	377.195	376.868	0.327	4.000	377.115	-2.00	4.048	377.043	-150.00
-4.325	376.156	-150.00	-4.000	376.645	-2.00	2527+0.000	376.725	376.340	0.385	4.000	376.645	-2.00	4.058	376.557	-150.00
-4.364	375.628	-150.00	-4.000	376.174	-2.00	2528+0.000	376.254	375.804	0.451	4.000	376.174	-2.00	4.136	375.970	-150.00
-4.366	375.157	-150.00	-4.000	375.706	-2.00	2529+0.000	375.786	375.341	0.445	4.000	375.706	-2.00	4.129	375.512	-150.00
-4.424	374.744	-150.00	-4.000	375.380	-2.00	2530+0.000	375.460	374.917	0.543	4.000	375.380	-2.00	4.199	375.080	-150.00
-4.338	374.547	-150.00	-4.000	375.053	-2.00	2531+0.000	375.133	374.687	0.446	4.000	375.053	-2.00	4.123	374.869	-150.00
-4.266	374.697	-150.00	-4.000	375.096	-2.00	2532+0.000	375.176	374.748	0.428	4.000	375.096	-2.00	4.199	374.798	-150.00
-4.237	375.116	-150.00	-4.000	375.471	-2.00	2533+0.000	375.551	375.167	0.384	4.000	375.471	-2.00	4.169	375.217	-150.00
-4.213	375.525	-150.00	-4.000	375.846	-2.00	2534+0.000	375.926	375.574	0.351	4.000	375.846	-2.00	4.149	375.622	-150.00
-4.189	375.936	-150.00	-4.000	376.220	-2.00	2535+0.000	376.300	375.974	0.326	4.000	376.220	-2.00	4.110	376.055	-150.00
-4.181	376.324	-150.00	-4.000	376.595	-2.00	2536+0.000	376.675	376.321	0.354	4.000	376.595	-2.00	4.183	376.320	-150.00
-4.182	376.639	-150.00	-4.000	376.911	-2.00	2537+0.000	376.991	376.609	0.383	4.000	376.911	-2.00	4.222	376.578	-150.00
-4.091	376.650	-150.00	-4.000	376.787	-2.00	2538+0.000	376.867	376.726	0.140	4.000	376.787	-2.00	4.022	376.802	66.67
-4.090	376.527	-150.00	-4.000	376.662	-2.00	2539+0.000	376.742	376.550	0.192	4.000	376.662	-2.00	4.059	376.574	-150.00
-4.206	376.171	-150.00	-4.000	376.480	-2.00	2540+0.000	376.560	376.095	0.465	4.000	376.480	-2.00	4.225	376.143	-150.00
-4.272	375.191	-150.00	-4.000	375.599	-2.00	2541+0.000	375.679	375.155	0.524	4.000	375.599	-2.00	4.320	375.118	-150.00
-4.331	374.049	-150.00	-4.000	374.546	-2.00	2542+0.000	374.626	373.990	0.635	4.000	374.546	-2.00	4.410	373.931	-150.00
-4.550	372.465	-150.00	-4.000	373.290	-2.00	2543+0.000	373.370	372.421	0.949	4.000	373.290	-2.00	4.609	372.377	-150.00
-4.607	371.125	-150.00	-4.000	372.035	-2.00	2544+0.000	372.115	371.099	1.015	4.000	372.035	-2.00	4.641	371.074	-150.00
-4.502	370.026	-150.00	-4.000	370.780	-2.00	2545+0.000	370.860	369.899	0.961	4.000	370.780	-2.00	4.609	369.867	-150.00
-4.072	369.474	-150.00	-4.000	369.583	-2.00	2546+0.000	369.663	369.187	0.476	4.000	369.583	-2.00	4.284	369.157	-150.00
-4.017	369.133	-150.00	-4.000	369.159	-2.00	2547+0.000	369.239	368.823	0.416	4.000	369.159	-2.00	4.358	368.622	-150.00
-4.020	368.890	-150.00	-4.000	368.920	-2.00	2548+0.000	369.000	368.583	0.417	4.000	368.920	-2.00	4.416	368.297	-150.00
-4.071	368.886	-150.00	-4.000	368.992	-2.00	2549+0.000	369.072	368.682	0.389	4.000	368.992	-2.00	4.351	368.465	-150.00
-4.132	368.596	-150.00	-4.000	368.794	-2.00	2550+0.000	368.874	368.356	0.518	4.000	368.794	-2.00	4.478	368.077	-150.00
-4.013	367.792	-150.00	-4.000	367.811	-2.00	2551+0.000	367.891	367.534	0.356	4.000	367.811	-2.00	4.373	367.252	-150.00
-4.054	366.744	-150.00	-4.000	366.825	-2.00	2552+0.000	366.905	366.472	0.432	4.000	366.825	-2.00	4.431	366.178	-150.00
-4.063	365.744	-150.00	-4.000	365.839	-2.00	2553+0.000	365.919	365.460	0.459	4.000	365.839	-2.00	4.460	365.149	-150.00
-4.044	364.787	-150.00	-4.000	364.853	-2.00	2554+0.000	364.933	364.438	0.495	4.000	364.853	-2.00	4.460	364.164	-150.00
-4.108	364.330	66.67	-4.000	364.258	-2.00	2555+0.000	364.338	363.909	0.429	4.000	364.258	-2.00	4.544	363.443	-150.00
-4.162	364.117	66.67	-4.000	364.008	-2.00	2556+0.000	364.088	363.719	0.369	4.000	364.008	-2.00	4.477	363.292	-150.00
-4.161	364.337	66.67	-4.000	364.229	-2.00	2557+0.000	364.309	363.940	0.369	4.000	364.229	-2.00	4.459	363.541	-150.00
-4.186	364.629	66.67	-4.000	364.505	-2.00	2558+0.000	364.585	364.231	0.354	4.000	364.505	-2.00	4.436	363.852	-150.00
-4.081	364.983	66.67	-4.000	364.929	-2.00	2559+0.000	365.009	364.624	0.385	4.000	364.929	-2.00	4.465	364.232	-150.00
-4.065	364.844	66.67	-4.000	364.800	-2.00	2560+0.000	364.880	364.388	0.493	4.000	364.800	-2.00	4.621	363.870	-150.00
-4.068	364.222	66.67	-4.000	364.177	-2.00	2561+0.000	364.257	363.789	0.468	4.000	364.177	-2.00	4.476	363.463	-150.00
-4.181	363.375	66.67	-4.000	363.254	-2.00	2562+0.000	363.334	362.991	0.342	4.000	363.254	-2.00	4.447	362.584	-150.00
-4.097	362.202	66.67	-4.000	362.137	-2.00	2563+0.000	362.217	361.847	0.370	4.000	362.137	-2.00	4.451	361.461	-150.00
-4.115	360.848	-150.00	-4.000	361.021	-2.00	2564+0.000	361.101	360.565	0.536	4.000	361.021	-2.00	4.477	360.306	-150.00
-4.146	359.605	-150.00	-4.000	359.824	-2.00	2565+0.000	359.904	359.363	0.540	4.000	359.824	-2.00	4.481	359.103	-150.00
-4.101	358.371	-150.00	-4.000	358.522	-2.00	2566+0.000	358.602	358.100	0.502	4.000	358.522	-2.00	4.396	357.928	-150.00
-4.116	357.677	-150.00	-4.000	357.851	-2.00	2567+0.000	357.931	357.435	0.496	4.000	357.851	-2.00	4.452	357.174	-150.00
-4.134	357.207	-150.00	-4.000	357.408	-2.00	2568+0.000	357.488	357.000	0.489	4.000	357.408	-2.00	4.421	356.777	-150.00
-4.084	357.012	-150.00	-4.000	357.138	-2.00	2569+0.000	357.218	356.693	0.525	4.000	357.138	-2.00	4.512	356.371	-150.00
-4.026	356.896	-150.00	-4.000	356.935	-2.00	2570+0.000	357.015	356.585	0.430	4.000	356.935	-2.00	4.462	356.242	-150.00
-4.032	356.662	-150.00	-4.000	356.710	-2.00	2571+0.000	356.790	356.339	0.451	4.000	356.710	-2.00	4.480	355.991	-150.00
-4.006	356.477	-150.00	-4.000	356.486	-2.00	2572+0.000	356.566	356.156	0.410	4.000	356.486	-2.00	4.440	355.826	-150.00
-4.113	356.559	66.67	-4.000	356.484	-2.00	2573+0.000	356.564	356.307	0.256	4.000	356.484	-2.00	4.313	356.014	-150.00
-4.030	356.501	-150.00	-4.000	356.546	-2.00	2574+0.000	356.626	356.242	0.384	4.000	356.546	-2.00	4.381	355.974	-150.00
-4.148	356.158	-150.00	-4.000	356.381	-2.00	2575+0.000	356.461	355.971	0.490	4.000	356.381	-2.00	4.380	355.811	-150.00
-4.048	355.481	66.67	-4.000	355.448	-2.00	2576+0.000	355.528	355.323	0.205	4.000	355.448	-2.00	4.192	355.160	-150.00
-4.364	354.169	66.67	-4.000	353.926	-2.00	2577+0.000	354.006	354.098	-0.092	4.000	353.926	-2.00	4.141	354.020	66.67
-4.104	352.440	66.67	-4.000	352.370	-2.00	2578+0.000	352.450	352.412	0.039	4.000	352.370	-2.00	4.014	352.380	66.67
-4.198	350.518	-150.00	-4.000	350.815	-2.00	2579+0.000	350.895	350.502	0.393	4.000	350.815	-2.00	4.172	350.557	-150.00
-4.331	348.763	-150.00	-4.000	349.259	-2.00	2580+0.000	349.339	348.802	0.537	4.000	349.259	-2.00	4.278	348.842	-150.00
-4.445	347.271	-150.00	-4.000	347.938	-2.00	2581+0.000	348.018	347.310	0.708	4.000	347.938	-2.00	4.393	347.349	-150.00
-4.401	346.162	-150.00	-4.000	346.764	-2.00	2582+0.000	346.844	346.154	0.689	4.000	346.764	-2.00	4.412	346.146	-150.00
-4.263	345.219	-150.00	-4.000	345.614	-2.00	2583+0.000	345.694	345.197	0.497	4.000	345.614	-2.00	4.263	345.219	-150.00
-4.236	344.629	-150.00	-4.000	344.983	-2.00	2584+0.000	345.063	344.624	0.439	4.000	344.983	-2.00	4.243	344.619	-150.00

-4.254	344.045	-150.00	-4.000	344.427	-2.00	2585+0.000	344.507	344.046	0.461	4.000	344.427	-2.00	4.253	344.046	-150.00
-4.219	343.542	-150.00	-4.000	343.870	-2.00	2586+0.000	343.950	343.472	0.478	4.000	343.870	-2.00	4.301	343.418	-150.00
-4.256	342.732	-150.00	-4.000	343.116	-2.00	2587+0.000	343.196	342.686	0.510	4.000	343.116	-2.00	4.321	342.633	-150.00
-4.202	341.875	-150.00	-4.000	342.177	-2.00	2588+0.000	342.257	341.700	0.558	4.000	342.177	-2.00	4.387	341.597	-150.00
-4.213	340.922	-150.00	-4.000	341.242	-2.00	2589+0.000	341.322	340.698	0.624	4.000	341.242	-2.00	4.523	340.457	-150.00
-4.381	339.734	-150.00	-4.000	340.306	-2.00	2590+0.000	340.386	339.523	0.863	4.000	340.306	-2.00	4.667	339.306	-150.00
-4.241	339.009	-150.00	-4.000	339.371	-2.00	2591+0.000	339.451	338.530	0.921	4.000	339.371	-2.00	4.932	337.974	-150.00
-4.140	338.225	-150.00	-4.000	338.435	-2.00	2592+0.000	338.515	337.684	0.832	4.000	338.435	-2.00	4.883	337.111	-150.00
-4.181	337.228	-150.00	-4.000	337.500	-2.00	2593+0.000	337.580	336.756	0.824	4.000	337.500	-2.00	4.769	336.346	-150.00
-4.071	336.458	-150.00	-4.000	336.564	-2.00	2594+0.000	336.644	335.966	0.678	4.000	336.564	-2.00	4.784	335.389	-150.00
-4.010	335.636	66.67	-4.000	335.629	-2.00	2595+0.000	335.709	335.160	0.549	4.000	335.629	-2.00	4.684	334.603	-150.00
-4.028	334.710	66.67	-4.000	334.692	-2.00	2596+0.000	334.772	334.275	0.496	4.000	334.692	-2.00	4.587	333.811	-150.00
-4.111	333.795	-150.00	-4.000	333.962	-2.00	2597+0.000	334.042	333.596	0.446	4.000	333.962	-2.00	4.386	333.384	-150.00
-4.071	333.458	-150.00	-4.000	333.564	-2.00	2598+0.000	333.644	333.269	0.375	4.000	333.564	-2.00	4.331	333.067	-150.00
-4.009	333.399	66.67	-4.000	333.393	-2.00	2599+0.000	333.473	333.239	0.234	4.000	333.393	-2.00	4.216	333.070	-150.00
-4.493	333.736	66.67	-4.000	333.407	-2.00	2599+15.000	333.487	333.487	0.000	4.000	333.407	-2.00	4.096	333.264	-150.00

Osvaldo Leânero da Silva Filho
Diretor de Gestão de Pessoas
Projetos e Obras - DGP/SO
Secretaria de Estado

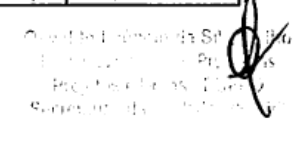
SECRETARIA
DAS **CIDADES** - SECID

GOVERNO DO
PIAUÍ
AQUI TEM TRABALHO.
AQUI TEM FUTURO.

TRECHO 5: MUNICÍPIO DE DOM INOCENCIO AO POVOADO BARRA DO BONITO

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
0+0,00	0,000	0,170	0,000	0,000	0,000	0,000	0,000
1+0,00	0,030	1,200	0,310	13,700	0,310	13,700	-13,390
2+0,00	0,000	2,440	0,310	36,410	0,620	50,110	-49,490
3+0,00	0,000	2,830	0,000	52,980	0,620	103,090	-102,470
4+0,00	0,000	3,200	0,000	60,440	0,620	163,530	-162,910
5+0,00	0,000	2,810	0,000	60,220	0,620	223,750	-223,130
6+0,00	0,000	2,800	0,000	56,180	0,620	279,930	-279,310
7+0,00	0,000	2,310	0,000	51,080	0,620	331,000	-330,380
8+0,00	0,000	2,480	0,000	47,860	0,620	378,870	-378,250
9+0,00	0,000	2,280	0,000	47,590	0,620	426,460	-425,840
10+0,00	0,000	1,940	0,000	42,180	0,620	468,640	-468,020
11+0,00	0,000	3,020	0,000	49,530	0,620	518,170	-517,550
12+0,00	0,000	2,630	0,000	56,440	0,620	574,610	-573,990
13+0,00	0,000	2,250	0,000	48,780	0,620	623,390	-622,770
14+0,00	0,000	2,460	0,000	47,070	0,620	670,450	-669,830
15+0,00	0,000	2,820	0,000	52,800	0,620	723,260	-722,640
16+0,00	0,000	2,580	0,000	54,030	0,620	777,280	-776,660
17+0,00	0,000	2,200	0,000	47,830	0,620	825,110	-824,490
18+0,00	0,000	1,970	0,000	41,680	0,620	866,790	-866,170
19+0,00	0,000	2,540	0,000	45,060	0,620	911,850	-911,230
20+0,00	0,000	2,460	0,000	49,970	0,620	961,820	-961,200
21+0,00	0,000	2,370	0,000	48,360	0,620	1010,180	-1009,560
22+0,00	0,000	3,060	0,000	54,300	0,620	1064,480	-1063,860
23+0,00	0,000	2,860	0,000	59,200	0,620	1123,670	-1123,050
24+0,00	0,000	2,690	0,000	55,540	0,620	1179,210	-1178,590
25+0,00	0,000	2,710	0,000	53,990	0,620	1233,210	-1232,590
26+0,00	0,000	3,080	0,000	57,880	0,620	1291,090	-1290,470
27+0,00	0,000	2,910	0,000	59,840	0,620	1350,920	-1350,300
28+0,00	0,000	2,750	0,000	56,530	0,620	1407,450	-1406,830
29+0,00	0,000	2,840	0,000	55,720	0,620	1463,170	-1462,550
30+0,00	0,000	1,850	0,000	46,760	0,620	1509,930	-1509,310
31+0,00	0,190	0,440	1,940	22,920	2,570	1532,850	-1530,280
32+0,00	0,000	3,090	2,010	35,190	4,570	1568,040	-1563,470
33+0,00	0,000	2,480	0,000	55,700	4,570	1623,740	-1619,170
34+0,00	0,000	2,970	0,000	54,500	4,570	1678,240	-1673,670
35+0,00	0,000	4,740	0,000	76,710	4,570	1754,950	-1750,380
36+0,00	0,000	4,810	0,000	95,230	4,570	1850,180	-1845,610
37+0,00	0,000	3,120	0,000	79,240	4,570	1929,410	-1924,840
38+0,00	0,000	3,360	0,000	64,760	4,570	1994,170	-1989,600
39+0,00	0,000	4,490	0,000	78,460	4,570	2072,640	-2068,070
40+0,00	0,000	3,570	0,000	80,560	4,570	2153,190	-2148,620
41+0,00	0,000	2,530	0,000	61,050	4,570	2214,250	-2209,680
42+0,00	0,000	2,480	0,000	50,160	4,570	2264,410	-2259,840
43+0,00	0,000	2,620	0,000	51,070	4,570	2315,480	-2310,910
44+0,00	0,000	3,070	0,000	56,770	4,570	2372,250	-2367,680
45+0,00	0,000	2,930	0,000	59,970	4,570	2432,220	-2427,650
46+0,00	0,000	3,080	0,000	59,850	4,570	2492,070	-2487,500
47+0,00	0,000	3,140	0,000	61,630	4,570	2553,700	-2549,130
48+0,00	0,000	3,350	0,000	64,550	4,570	2618,250	-2613,680
49+0,00	0,000	3,370	0,000	67,200	4,570	2685,450	-2680,880
50+0,00	0,000	3,870	0,000	72,070	4,570	2757,510	-2752,940
51+0,00	0,000	4,380	0,000	82,470	4,570	2839,980	-2835,410
52+0,00	0,000	4,420	0,000	87,700	4,570	2927,680	-2923,110
53+0,00	0,000	4,610	0,000	90,290	4,570	3017,970	-3013,400
54+0,00	0,000	3,420	0,000	80,210	4,570	3098,170	-3093,600

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
55+0,00	0,000	3,290	0,000	67,100	4,570	3165,280	-3160,710
56+0,00	0,000	3,830	0,000	71,220	4,570	3236,490	-3231,920
57+0,00	0,000	4,090	0,000	79,180	4,570	3315,680	-3311,110
58+0,00	0,000	4,960	0,000	90,550	4,570	3406,220	-3401,650
59+0,00	0,000	3,900	0,000	88,920	4,570	3495,140	-3490,570
60+0,00	0,000	3,210	0,000	71,110	4,570	3566,250	-3561,680
61+0,00	0,000	3,410	0,000	66,570	4,570	3632,820	-3628,250
62+0,00	0,000	3,350	0,000	67,560	4,570	3700,390	-3695,820
63+0,00	0,000	3,270	0,000	66,380	4,570	3766,770	-3762,200
64+0,00	0,000	5,150	0,000	84,130	4,570	3850,890	-3846,320
65+0,00	0,000	5,520	0,000	106,640	4,570	3957,530	-3952,960
66+0,00	0,000	3,940	0,000	94,990	4,570	4052,520	-4047,950
67+0,00	0,000	2,350	0,000	62,880	4,570	4115,400	-4110,830
68+0,00	0,000	2,070	0,000	44,740	4,570	4160,150	-4155,580
69+0,00	0,000	1,770	0,000	38,640	4,570	4198,780	-4194,210
70+0,00	0,030	1,290	0,340	30,520	4,910	4229,300	-4224,390
71+0,00	0,150	0,150	1,770	14,550	6,680	4243,850	-4237,170
72+0,00	3,240	0,000	33,870	1,510	40,550	4245,350	-4204,800
73+0,00	4,880	0,000	81,260	0,000	121,800	4245,350	-4123,550
74+0,00	2,800	0,000	76,870	0,000	198,670	4245,350	-4046,680
75+0,00	0,000	1,370	28,040	13,670	226,710	4259,020	-4032,310
76+0,00	0,000	2,310	0,000	36,780	226,710	4295,800	-4069,090
77+0,00	0,000	2,030	0,000	43,420	226,710	4339,210	-4112,500
78+0,00	0,820	0,000	8,220	20,300	234,930	4359,520	-4124,590
79+0,00	1,910	0,000	27,380	0,000	262,300	4359,520	-4097,220
80+0,00	2,000	0,000	39,110	0,000	301,410	4359,520	-4058,110
81+0,00	0,390	0,000	23,900	0,000	325,310	4359,520	-4034,210
82+0,00	0,000	2,590	3,940	25,950	329,250	4385,470	-4056,220
83+0,00	0,000	2,880	0,000	54,920	329,250	4440,380	-4111,130
84+0,00	0,000	2,760	0,000	56,480	329,250	4496,870	-4167,620
85+0,00	0,000	2,410	0,000	51,680	329,250	4548,550	-4219,300
86+0,00	0,000	2,320	0,000	47,270	329,250	4595,820	-4266,570
87+0,00	0,000	2,430	0,000	47,470	329,250	4643,280	-4314,030
88+0,00	0,000	2,290	0,000	47,130	329,250	4690,420	-4361,170
89+0,00	0,000	2,010	0,000	43,160	329,250	4733,570	-4404,320
90+0,00	0,000	2,660	0,000	46,800	329,250	4780,370	-4451,120
91+0,00	0,000	2,740	0,000	54,080	329,250	4834,450	-4505,200
92+0,00	0,000	2,300	0,000	50,580	329,250	4885,040	-4555,790
93+0,00	0,000	2,190	0,000	44,820	329,250	4929,860	-4600,610
94+0,00	0,000	2,310	0,000	44,670	329,250	4974,530	-4645,280
95+0,00	0,000	2,230	0,000	45,390	329,250	5019,920	-4690,670
96+0,00	0,000	2,080	0,000	42,650	329,250	5062,560	-4733,310
97+0,00	0,000	1,340	0,000	34,210	329,260	5096,770	-4767,510
98+0,00	0,000	2,040	0,000	33,830	329,260	5130,610	-4801,350
99+0,00	0,000	1,570	0,000	36,030	329,260	5166,640	-4837,380
100+0,00	0,000	2,400	0,000	39,660	329,260	5206,300	-4877,040
101+0,00	0,000	2,480	0,000	48,840	329,260	5255,140	-4925,880
102+0,00	0,000	3,040	0,000	55,190	329,260	5310,330	-4981,070
103+0,00	0,000	4,860	0,000	78,970	329,260	5389,300	-5060,040
104+0,00	0,000	4,190	0,000	90,530	329,260	5479,830	-5150,570
105+0,00	0,000	3,300	0,000	74,880	329,260	5554,710	-5225,450
106+0,00	0,000	3,140	0,000	64,350	329,260	5619,060	-5289,800
107+0,00	0,000	2,820	0,000	59,650	329,260	5678,710	-5349,450
108+0,00	0,000	3,310	0,000	61,350	329,260	5740,060	-5410,800
109+0,00	0,000	3,100	0,000	64,110	329,260	5804,180	-5474,920
110+0,00	0,000	3,150	0,000	62,480	329,260	5866,650	-5537,390
111+0,00	0,000	3,460	0,000	66,040	329,260	5932,690	-5603,430
112+0,00	0,000	2,590	0,000	60,450	329,260	5993,140	-5663,880
113+0,00	0,000	1,070	0,000	36,630	329,260	6029,770	-5700,510
114+0,00	0,010	0,720	0,060	17,970	329,310	6047,740	-5718,430
115+0,00	0,000	3,170	0,060	38,890	329,370	6086,630	-5757,260
116+0,00	0,000	2,740	0,000	59,120	329,370	6145,750	-5816,380
117+0,00	0,000	2,760	0,000	55,020	329,370	6200,770	-5871,400
118+0,00	0,000	3,840	0,000	66,020	329,370	6266,780	-5937,410



Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
119+0,00	0,000	4,330	0,000	81,740	329,370	6348,520	-6019,150
120+0,00	0,000	3,630	0,000	79,620	329,370	6428,140	-6098,770
121+0,00	0,000	3,000	0,000	66,360	329,370	6494,500	-6165,130
122+0,00	0,000	3,160	0,000	61,630	329,370	6556,130	-6226,760
123+0,00	0,000	1,490	0,000	46,490	329,370	6602,630	-6273,260
124+0,00	0,000	1,940	0,000	34,250	329,370	6636,880	-6307,510
125+0,00	0,000	2,950	0,000	48,840	329,370	6685,720	-6356,350
126+0,00	0,000	3,230	0,000	61,750	329,370	6747,470	-6418,100
127+0,00	0,000	3,280	0,000	65,050	329,370	6812,520	-6483,150
128+0,00	0,000	2,870	0,000	61,440	329,370	6873,960	-6544,590
129+0,00	0,000	3,140	0,000	60,080	329,370	6934,040	-6604,670
130+0,00	0,000	3,390	0,000	65,240	329,370	6999,290	-6669,920
131+0,00	0,000	3,320	0,000	67,050	329,370	7066,330	-6736,960
132+0,00	0,000	3,370	0,000	66,800	329,370	7133,130	-6803,760
133+0,00	0,000	2,490	0,000	58,580	329,370	7191,710	-6862,340
134+0,00	0,000	2,410	0,000	49,000	329,370	7240,710	-6911,340
135+0,00	0,000	2,950	0,000	53,630	329,370	7294,340	-6964,970
136+0,00	0,000	3,170	0,000	61,250	329,370	7355,590	-7026,220
137+0,00	0,000	3,120	0,000	62,940	329,370	7418,530	-7089,160
138+0,00	0,000	3,140	0,000	62,570	329,370	7481,100	-7151,730
139+0,00	0,030	0,780	0,250	39,160	329,630	7520,270	-7190,640
140+0,00	1,650	0,000	16,750	7,810	346,370	7528,080	-7181,710
141+0,00	1,910	0,000	35,580	0,000	381,950	7528,080	-7146,130
142+0,00	0,600	0,000	25,130	0,000	407,080	7528,080	-7121,000
143+0,00	0,160	0,150	7,620	1,520	414,700	7529,600	-7114,900
144+0,00	0,000	1,060	1,590	12,130	416,290	7541,720	-7125,430
145+0,00	0,000	2,320	0,010	33,820	416,310	7575,540	-7159,230
146+0,00	0,000	1,930	0,000	42,460	416,310	7618,000	-7201,690
147+0,00	0,000	2,850	0,000	47,740	416,310	7665,740	-7249,430
148+0,00	0,000	3,290	0,000	61,400	416,310	7727,140	-7310,830
149+0,00	0,000	4,130	0,000	74,200	416,310	7801,340	-7385,030
150+0,00	0,000	3,790	0,000	78,900	416,310	7880,240	-7463,930
151+0,00	0,000	4,320	0,000	80,930	416,310	7961,160	-7544,850
152+0,00	0,000	5,460	0,000	97,790	416,310	8058,950	-7642,640
153+0,00	0,000	7,240	0,000	126,930	416,310	8185,880	-7769,570
154+0,00	0,000	7,940	0,000	151,780	416,310	8337,670	-7921,360
155+0,00	0,000	8,870	0,000	168,090	416,310	8505,750	-8089,440
156+0,00	0,000	9,260	0,000	181,320	416,310	8687,080	-8270,770
157+0,00	0,000	0,000	0,000	92,640	416,310	8779,720	-8363,410
158+0,00	0,000	6,000	0,000	59,990	416,310	8839,700	-8423,390
159+0,00	0,000	3,940	0,000	99,350	416,310	8939,050	-8522,740
160+0,00	0,000	4,770	0,000	87,020	416,310	9026,070	-8609,760
161+0,00	0,000	4,390	0,000	91,610	416,310	9117,680	-8701,370
162+0,00	0,000	3,810	0,000	81,930	416,310	9199,610	-8783,300
163+0,00	0,000	3,510	0,000	73,130	416,310	9272,740	-8856,430
164+0,00	0,000	3,110	0,000	66,140	416,310	9338,880	-8922,570
165+0,00	0,000	3,240	0,000	63,510	416,310	9402,390	-8986,080
166+0,00	0,000	1,900	0,000	51,390	416,310	9453,780	-9037,470
167+0,00	0,000	2,140	0,000	40,340	416,310	9494,130	-9077,820
168+0,00	0,080	2,170	0,960	41,380	417,270	9535,510	-9118,240
169+0,00	0,040	2,930	1,320	50,390	418,590	9585,890	-9167,300
170+0,00	0,040	3,010	0,900	58,430	419,500	9644,320	-9224,820
171+0,00	0,140	2,560	1,830	55,690	421,330	9700,010	-9278,680
172+0,00	0,130	2,590	2,690	51,450	424,020	9751,460	-9327,440
173+0,00	0,020	3,490	1,530	60,770	425,550	9812,230	-9386,680
174+0,00	0,000	3,480	0,250	68,910	425,800	9881,140	-9455,340
175+0,00	0,000	4,070	0,010	75,500	425,810	9956,640	-9530,830
176+0,00	0,000	3,680	0,000	77,230	425,810	10033,870	-9608,060
177+0,00	0,000	3,410	0,000	70,900	425,810	10104,770	-9678,960
178+0,00	0,000	5,380	0,000	87,300	425,810	10192,080	-9766,270
179+0,00	0,000	3,420	0,000	88,010	425,810	10280,090	-9854,280
180+0,00	0,000	2,700	0,000	61,240	425,810	10341,320	-9915,510
181+0,00	0,000	2,030	0,000	47,140	425,810	10388,460	-9962,650
182+0,00	0,000	2,200	0,000	42,320	425,810	10430,780	-10004,970

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro-Acum. (m3)	Volume Líquido (m3)
183+0,00	0,000	2,550	0,000	47,530	425,810	10478,300	-10052,490
184+0,00	0,000	2,490	0,000	50,370	425,810	10528,680	-10102,870
185+0,00	0,000	2,550	0,000	50,480	425,810	10579,160	-10153,350
186+0,00	0,000	2,310	0,000	48,530	425,810	10627,700	-10201,890
187+0,00	0,000	2,500	0,000	48,070	425,810	10675,760	-10249,950
188+0,00	0,000	2,880	0,000	53,780	425,810	10729,540	-10303,730
189+0,00	0,000	3,150	0,000	60,290	425,810	10789,830	-10364,020
190+0,00	0,000	3,140	0,000	62,870	425,810	10852,700	-10426,890
191+0,00	0,000	3,180	0,000	63,210	425,810	10915,920	-10490,110
192+0,00	0,000	5,610	0,000	88,220	425,810	11004,140	-10578,330
193+0,00	0,000	8,430	0,000	141,220	425,810	11145,360	-10719,550
194+0,00	0,000	11,280	0,000	197,560	425,810	11342,910	-10917,100
195+0,00	0,000	13,180	0,000	244,830	425,810	11587,750	-11161,940
196+0,00	0,000	10,710	0,000	238,960	425,810	11826,700	-11400,890
197+0,00	0,000	5,650	0,000	163,600	425,810	11990,300	-11564,490
198+0,00	0,370	0,870	3,720	65,150	429,530	12055,450	-11625,920
199+0,00	3,280	0,000	36,540	8,670	466,070	12064,110	-11598,040
200+0,00	5,860	0,000	90,980	0,000	557,060	12064,110	-11507,050
201+0,00	1,370	0,000	72,390	0,000	629,460	12064,110	-11434,650
202+0,00	0,000	2,890	13,840	28,770	643,300	12092,890	-11449,590
203+0,00	0,000	4,140	0,000	70,290	643,300	12163,180	-11519,880
204+0,00	0,000	3,970	0,000	81,130	643,300	12244,310	-11601,010
205+0,00	0,000	3,620	0,000	75,880	643,300	12320,190	-11676,890
206+0,00	0,000	3,490	0,000	71,060	643,300	12391,250	-11747,950
207+0,00	0,000	3,240	0,000	67,280	643,300	12458,530	-11815,230
208+0,00	0,000	4,000	0,000	72,420	643,300	12530,950	-11887,650
209+0,00	0,000	4,020	0,000	80,240	643,300	12611,180	-11967,880
210+0,00	0,000	3,310	0,000	73,260	643,300	12684,450	-12041,150
211+0,00	0,000	5,660	0,000	89,640	643,300	12774,090	-12130,790
212+0,00	0,000	5,140	0,000	107,960	643,300	12882,050	-12238,750
213+0,00	0,000	3,260	0,000	84,020	643,300	12966,060	-12322,760
214+0,00	0,000	4,310	0,000	75,710	643,300	13041,780	-12398,480
215+0,00	0,000	2,740	0,000	70,570	643,300	13112,340	-12469,040
216+0,00	0,030	1,620	0,330	43,540	643,630	13155,880	-12512,250
217+0,00	0,000	2,460	0,310	41,320	643,940	13197,200	-12553,260
218+0,00	0,000	2,200	0,000	46,940	643,940	13244,150	-12600,210
219+0,00	0,110	1,850	1,120	40,470	645,070	13284,610	-12639,540
220+0,00	0,080	1,390	1,830	33,230	646,890	13317,840	-12670,950
221+0,00	0,000	0,000	0,800	14,050	647,700	13331,880	-12684,180
222+0,00	14,430	0,000	144,250	0,000	791,950	13331,880	-12539,930
223+0,00	20,700	0,000	351,280	0,000	1143,230	13331,880	-12188,650
224+0,00	19,520	0,000	404,510	0,000	1547,730	13331,880	-11784,150
225+0,00	13,120	0,000	326,340	0,000	1874,070	13331,880	-11457,810
226+0,00	5,850	0,000	189,700	0,000	2063,770	13331,880	-11268,110
227+0,00	1,040	0,430	68,980	4,340	2132,750	13336,220	-11203,470
228+0,00	0,290	1,530	13,300	19,600	2146,060	13355,820	-11209,760
229+0,00	0,000	3,140	2,860	46,630	2148,910	13402,450	-11253,540
230+0,00	0,020	2,360	0,230	54,860	2149,140	13457,310	-11308,170
231+0,00	0,140	1,620	1,650	39,860	2150,800	13497,170	-11346,370
232+0,00	0,000	2,480	1,460	41,050	2152,260	13538,220	-11385,960
233+0,00	0,000	3,250	0,030	57,300	2152,290	13595,510	-11443,220
234+0,00	0,000	3,300	0,000	65,860	2152,290	13661,380	-11509,090
235+0,00	0,000	0,000	0,000	32,990	2152,290	13694,370	-11542,080
236+0,00	0,000	3,490	0,000	34,920	2152,290	13729,280	-11576,990
237+0,00	0,000	3,930	0,000	74,170	2152,290	13803,450	-11651,160
238+0,00	0,000	3,760	0,000	76,840	2152,290	13880,300	-11728,010
239+0,00	0,000	3,960	0,000	76,710	2152,290	13957,010	-11804,720
240+0,00	0,000	5,210	0,000	91,720	2152,290	14048,720	-11896,430
241+0,00	0,000	0,000	0,000	52,080	2152,290	14100,810	-11948,520
242+0,00	0,000	3,420	0,000	34,200	2152,290	14135,010	-11982,720
243+0,00	0,000	3,210	0,000	66,280	2152,290	14201,290	-12049,000
244+0,00	0,000	3,070	0,000	62,740	2152,290	14264,030	-12111,740
245+0,00	0,000	3,670	0,000	67,330	2152,290	14331,370	-12179,080
246+0,00	0,000	3,310	0,000	69,730	2152,290	14401,100	-12248,810

Geral de Le...
Secretaria ...

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
247+0,00	0,000	3,030	0,000	63,700	2152,290	14464,800	-12312,510
248+0,00	0,000	3,080	0,000	61,100	2152,290	14525,910	-12373,620
249+0,00	0,000	3,500	0,000	66,200	2152,290	14592,100	-12439,810
250+0,00	0,040	2,370	0,390	58,760	2152,680	14650,860	-12498,180
251+0,00	0,330	1,460	3,640	38,820	2156,320	14689,680	-12533,360
252+0,00	0,430	1,500	7,660	29,620	2163,980	14719,300	-12555,320
253+0,00	0,020	3,080	4,490	46,120	2168,470	14765,420	-12596,950
254+0,00	0,000	3,840	0,230	69,160	2168,700	14834,580	-12665,880
255+0,00	0,000	4,530	0,000	82,920	2168,700	14917,490	-12748,790
256+0,00	0,000	3,540	0,000	80,640	2168,700	14998,130	-12829,430
257+0,00	0,000	3,500	0,000	70,420	2168,700	15068,560	-12899,860
258+0,00	0,000	4,370	0,000	78,730	2168,700	15147,280	-12978,580
259+0,00	0,000	3,600	0,000	79,660	2168,700	15226,940	-13058,240
260+0,00	0,000	11,290	0,000	148,910	2168,700	15375,850	-13207,150
261+0,00	0,000	17,410	0,000	287,040	2168,700	15662,900	-13494,200
262+0,00	0,000	17,170	0,000	345,820	2168,700	16008,720	-13840,020
263+0,00	0,000	12,050	0,000	292,200	2168,700	16300,920	-14132,220
264+0,00	0,000	2,640	0,000	146,900	2168,700	16447,820	-14279,120
265+0,00	0,500	1,070	4,910	37,560	2173,610	16485,370	-14311,760
266+0,00	0,050	2,600	5,500	36,700	2179,110	16522,070	-14342,960
267+0,00	0,000	2,520	0,450	52,160	2179,560	16574,230	-14394,670
268+0,00	0,100	3,080	0,960	56,670	2180,520	16630,900	-14450,380
269+0,00	0,190	2,950	2,930	60,290	2183,450	16691,190	-14507,740
270+0,00	0,130	3,200	3,300	60,900	2186,750	16752,090	-14565,340
271+0,00	0,020	4,110	1,460	73,090	2188,210	16825,180	-14636,970
272+0,00	0,000	3,500	0,160	76,640	2188,370	16901,820	-14713,450
273+0,00	0,000	4,860	0,000	83,590	2188,370	16985,410	-14797,040
274+0,00	0,000	0,000	0,000	48,890	2188,370	17034,300	-14845,930
275+0,00	0,000	6,490	0,000	65,060	2188,370	17099,350	-14910,980
276+0,00	0,000	0,000	0,000	65,210	2188,370	17164,570	-14976,200
277+0,00	0,050	4,400	0,500	44,030	2188,870	17208,600	-15019,730
278+0,00	0,170	3,740	2,180	81,480	2191,050	17290,080	-15099,030
279+0,00	0,110	3,840	2,790	75,890	2193,840	17365,970	-15172,130
280+0,00	0,060	3,660	1,680	75,040	2195,520	17441,010	-15245,490
281+0,00	0,000	5,570	0,590	91,030	2196,110	17532,040	-15335,930
282+0,00	0,000	3,420	0,000	89,950	2196,110	17621,990	-15425,880
283+0,00	0,000	2,990	0,000	64,090	2196,110	17686,080	-15489,970
284+0,00	1,390	0,010	13,900	29,960	2210,010	17716,030	-15506,020
285+0,00	1,700	0,060	30,880	0,710	2240,890	17716,750	-15475,860
286+0,00	0,590	1,050	22,840	11,160	2263,730	17727,910	-15464,180
287+0,00	0,120	2,330	7,110	33,830	2270,840	17761,740	-15490,900
288+0,00	0,820	1,080	9,420	34,130	2280,260	17795,870	-15515,610
289+0,00	0,770	1,470	15,910	25,570	2296,170	17821,440	-15525,270
290+0,00	0,170	2,950	9,530	44,140	2305,700	17865,580	-15559,880
291+0,00	0,220	0,000	3,900	29,540	2309,590	17895,120	-15585,530
292+0,00	0,140	4,010	3,600	39,630	2313,190	17934,750	-15621,560
293+0,00	0,180	2,440	3,240	63,750	2316,440	17998,500	-15682,060
294+0,00	0,220	2,300	4,030	47,380	2320,470	18045,880	-15725,410
295+0,00	0,000	3,670	2,150	60,580	2322,620	18106,460	-15783,840
296+0,00	0,000	2,470	0,050	62,560	2322,670	18169,020	-15846,350
297+0,00	0,000	2,580	0,040	51,080	2322,710	18220,090	-15897,380
298+0,00	0,000	2,210	0,000	47,850	2322,710	18267,950	-15945,240
299+0,00	0,000	1,740	0,000	39,740	2322,710	18307,690	-15984,980
300+0,00	0,000	2,380	0,000	41,290	2322,710	18348,980	-16026,270
301+0,00	0,000	2,030	0,000	44,040	2322,710	18393,020	-16070,310
302+0,00	0,000	2,590	0,000	46,180	2322,710	18439,190	-16116,480
303+0,00	0,000	2,820	0,000	54,070	2322,710	18493,270	-16170,560
304+0,00	0,000	2,330	0,000	51,370	2322,710	18544,640	-16221,930
305+0,00	0,000	2,630	0,000	49,600	2322,710	18594,240	-16271,530
306+0,00	0,000	3,410	0,000	60,350	2322,710	18654,580	-16331,870
307+0,00	0,000	2,210	0,000	56,040	2322,710	18710,620	-16387,910
308+0,00	0,000	2,200	0,000	44,090	2322,710	18754,710	-16432,000
309+0,00	0,000	1,970	0,000	41,360	2322,710	18796,070	-16473,360
310+0,00	1,150	0,980	11,360	29,650	2334,060	18825,720	-16491,660

Paulo Lucena da Silva Rocha
Superintendente de Projetos
Projetos e Obras - DNIT/SE
Superintendência Regional (Sergipe)

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
311+0,00	0,000	0,660	12,030	15,690	2346,090	18841,410	-16495,320
312+0,00	0,090	0,000	0,880	6,720	2346,970	18848,130	-16501,160
313+0,00	0,000	1,290	0,870	13,090	2347,840	18861,220	-16513,380
314+0,00	0,000	1,490	0,010	27,800	2347,850	18889,030	-16541,180
315+0,00	0,000	1,940	0,000	34,210	2347,850	18923,240	-16575,390
316+0,00	0,000	2,360	0,000	43,040	2347,850	18966,270	-16618,420
317+0,00	0,000	2,930	0,000	52,850	2347,850	19019,120	-16671,270
318+0,00	0,000	3,260	0,000	61,810	2347,850	19080,930	-16733,080
319+0,00	0,000	3,520	0,000	67,770	2347,850	19148,710	-16800,860
320+0,00	0,000	2,580	0,000	60,980	2347,850	19209,680	-16861,830
321+0,00	0,000	2,220	0,000	48,010	2347,850	19257,690	-16909,840
322+0,00	0,000	2,750	0,000	49,770	2347,850	19307,470	-16959,620
323+0,00	0,000	2,230	0,000	49,830	2347,850	19357,300	-17009,450
324+0,00	0,000	2,680	0,000	49,120	2347,850	19406,420	-17058,570
325+0,00	0,000	2,270	0,000	49,580	2347,850	19455,990	-17108,140
326+0,00	0,000	2,090	0,000	43,640	2347,850	19499,640	-17151,790
327+0,00	0,000	1,600	0,000	36,910	2347,850	19536,550	-17188,700
328+0,00	0,000	2,220	0,000	38,220	2347,850	19574,760	-17226,910
329+0,00	0,000	2,140	0,000	43,600	2347,850	19618,360	-17270,510
330+0,00	0,000	2,040	0,000	41,760	2347,850	19660,120	-17312,270
331+0,00	0,000	2,120	0,000	41,540	2347,850	19701,660	-17353,810
332+0,00	0,000	2,000	0,000	41,110	2347,850	19742,770	-17394,920
333+0,00	0,000	2,110	0,000	41,100	2347,850	19783,870	-17436,020
334+0,00	0,000	4,180	0,000	62,940	2347,850	19846,810	-17498,960
335+0,00	0,000	8,530	0,000	127,090	2347,850	19973,900	-17626,050
336+0,00	0,000	5,710	0,000	142,430	2347,850	20116,330	-17768,480
337+0,00	0,000	2,730	0,000	84,410	2347,850	20200,740	-17852,890
338+0,00	0,000	2,280	0,000	50,080	2347,850	20250,820	-17902,970
339+0,00	0,000	2,740	0,000	50,160	2347,850	20300,980	-17953,130
340+0,00	0,000	2,900	0,000	56,320	2347,850	20357,300	-18009,450
341+0,00	0,000	3,090	0,000	59,830	2347,850	20417,120	-18069,270
342+0,00	0,000	2,780	0,000	58,520	2347,850	20475,640	-18127,790
343+0,00	0,000	2,880	0,000	56,540	2347,850	20532,190	-18184,340
344+0,00	0,000	2,980	0,000	58,450	2347,850	20590,640	-18242,790
345+0,00	0,000	2,780	0,000	57,630	2347,850	20648,270	-18300,420
346+0,00	0,000	2,410	0,000	51,950	2347,850	20700,210	-18352,360
347+0,00	0,000	3,140	0,000	55,500	2347,850	20755,720	-18407,870
348+0,00	0,000	2,840	0,000	59,810	2347,850	20815,520	-18467,670
349+0,00	0,000	3,210	0,000	60,430	2347,850	20875,960	-18528,110
350+0,00	0,000	4,440	0,000	76,480	2347,850	20952,440	-18604,590
351+0,00	0,000	4,560	0,000	90,040	2347,850	21042,480	-18694,630
352+0,00	0,000	4,010	0,000	85,770	2347,850	21128,250	-18780,400
353+0,00	0,000	3,400	0,000	74,090	2347,850	21202,330	-18854,480
354+0,00	0,000	2,540	0,000	59,350	2347,850	21261,690	-18913,840
355+0,00	0,000	3,160	0,000	57,010	2347,850	21318,690	-18970,840
356+0,00	0,000	3,270	0,000	64,300	2347,850	21383,000	-19035,150
357+0,00	0,000	0,000	0,000	32,720	2347,850	21415,720	-19067,870
358+0,00	0,000	3,620	0,000	36,180	2347,850	21451,890	-19104,040
359+0,00	0,000	3,690	0,000	73,110	2347,850	21525,000	-19177,150
360+0,00	0,000	3,750	0,000	74,450	2347,850	21599,450	-19251,600
361+0,00	0,000	3,110	0,000	68,640	2347,850	21668,090	-19320,240
362+0,00	0,000	3,200	0,000	63,100	2347,850	21731,190	-19383,340
363+0,00	0,000	3,250	0,000	64,580	2347,850	21795,780	-19447,930
364+0,00	0,000	2,980	0,000	62,380	2347,850	21858,160	-19510,310
365+0,00	0,000	3,160	0,000	61,490	2347,850	21919,650	-19571,800
366+0,00	0,000	3,870	0,000	70,380	2347,850	21990,020	-19642,170
367+0,00	0,000	4,250	0,000	81,250	2347,850	22071,280	-19723,430
368+0,00	0,000	2,970	0,000	72,160	2347,850	22143,440	-19795,590
369+0,00	0,000	3,270	0,000	62,410	2347,850	22205,850	-19858,000
370+0,00	0,000	3,180	0,000	64,610	2347,850	22270,460	-19922,610
371+0,00	0,000	3,300	0,000	64,840	2347,850	22335,300	-19987,450
372+0,00	0,000	3,070	0,000	63,750	2347,850	22399,040	-20051,190
373+0,00	0,000	3,450	0,000	65,230	2347,850	22464,270	-20116,420
374+0,00	0,000	3,500	0,000	69,460	2347,850	22533,730	-20185,880

Fernando Linhares da Silva
Engenheiro Civil
Secretaria das Cidades (SECID)

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
375+0,00	0,000	3,560	0,000	70,520	2347,850	22604,250	-20256,400
376+0,00	0,000	3,800	0,000	73,610	2347,850	22677,860	-20330,010
377+0,00	0,000	3,910	0,000	77,060	2347,850	22754,920	-20407,070
378+0,00	0,000	3,880	0,000	77,890	2347,850	22832,810	-20484,960
379+0,00	0,000	4,400	0,000	82,970	2347,850	22915,780	-20567,930
380+0,00	0,000	4,130	0,000	85,980	2347,850	23001,760	-20653,910
381+0,00	0,000	3,700	0,000	78,680	2347,850	23080,440	-20732,590
382+0,00	0,000	3,740	0,000	75,030	2347,850	23155,480	-20807,630
383+0,00	0,000	2,800	0,000	65,470	2347,850	23220,940	-20873,090
384+0,00	0,000	3,170	0,000	59,750	2347,850	23280,700	-20932,850
385+0,00	0,000	3,980	0,000	71,580	2347,850	23352,280	-21004,430
386+0,00	0,000	4,780	0,000	87,590	2347,850	23439,870	-21092,020
387+0,00	0,000	4,340	0,000	91,270	2347,850	23531,140	-21183,290
388+0,00	0,000	5,330	0,000	96,760	2347,850	23627,900	-21280,050
389+0,00	0,000	5,860	0,000	111,880	2347,850	23739,780	-21391,930
390+0,00	0,000	5,220	0,000	110,730	2347,850	23850,510	-21502,660
391+0,00	0,000	3,540	0,000	87,610	2347,850	23938,120	-21590,270
392+0,00	0,000	3,380	0,000	69,240	2347,850	24007,360	-21659,510
393+0,00	0,000	5,120	0,000	85,020	2347,850	24092,390	-21744,540
394+0,00	0,000	5,270	0,000	103,890	2347,850	24196,280	-21848,430
395+0,00	0,000	4,260	0,000	95,470	2347,850	24291,750	-21943,900
396+0,00	0,000	2,810	0,000	70,740	2347,850	24362,500	-22014,650
397+0,00	0,180	1,480	1,820	42,970	2349,670	24405,460	-22055,790
398+0,00	0,030	1,670	2,110	31,550	2351,770	24437,010	-22085,240
399+0,00	0,050	2,800	0,790	44,690	2352,570	24481,710	-22129,140
400+0,00	0,290	2,020	3,430	48,190	2355,990	24529,900	-22173,910
401+0,00	0,070	2,840	3,560	49,050	2359,550	24578,950	-22219,400
402+0,00	0,010	2,320	0,810	51,650	2360,360	24630,600	-22270,240
403+0,00	0,000	7,140	0,120	94,590	2360,480	24725,180	-22364,700
404+0,00	0,000	8,530	0,000	156,680	2360,480	24881,860	-22521,380
405+0,00	0,000	0,000	0,000	85,300	2360,480	24967,160	-22606,680
406+0,00	0,000	7,430	0,000	74,280	2360,480	25041,440	-22680,960
407+0,00	0,000	4,730	0,000	121,630	2360,480	25163,060	-22802,580
408+0,00	0,040	2,000	0,370	67,380	2360,840	25230,440	-22869,600
409+0,00	0,090	1,520	1,280	35,400	2362,120	25265,840	-22903,720
410+0,00	0,120	1,390	2,090	29,100	2364,210	25294,940	-22930,730
411+0,00	0,010	1,890	1,220	32,750	2365,430	25327,690	-22962,260
412+0,00	0,000	2,090	0,070	39,810	2365,500	25367,500	-23002,000
413+0,00	0,090	1,360	0,930	34,500	2366,430	25402,000	-23035,570
414+0,00	0,030	1,700	1,190	30,530	2367,620	25432,530	-23064,910
415+0,00	0,000	2,540	0,270	42,410	2367,880	25474,940	-23107,060
416+0,00	0,000	3,540	0,000	60,780	2367,880	25535,720	-23167,840
417+0,00	0,000	4,600	0,000	81,300	2367,880	25617,020	-23249,140
418+0,00	0,000	5,090	0,000	96,700	2367,880	25713,730	-23345,850
419+0,00	0,000	7,610	0,000	126,940	2367,880	25840,670	-23472,790
420+0,00	0,000	8,090	0,000	156,940	2367,880	25997,610	-23629,730
421+0,00	0,000	8,180	0,000	162,640	2367,880	26160,250	-23792,370
422+0,00	0,000	7,600	0,000	157,760	2367,880	26318,010	-23950,130
423+0,00	0,000	7,170	0,000	147,720	2367,880	26465,730	-24097,850
424+0,00	0,000	6,790	0,000	139,600	2367,880	26605,330	-24237,450
425+0,00	0,000	5,160	0,000	119,500	2367,880	26724,830	-24356,950
426+0,00	0,000	3,940	0,000	91,060	2367,880	26815,890	-24448,010
427+0,00	0,000	3,980	0,000	79,270	2367,880	26895,170	-24527,290
428+0,00	0,000	3,380	0,000	73,620	2367,880	26968,790	-24600,910
429+0,00	0,000	2,410	0,000	57,920	2367,880	27026,710	-24658,830
430+0,00	0,000	2,610	0,000	50,240	2367,880	27076,950	-24709,070
431+0,00	0,000	3,690	0,000	62,990	2367,880	27139,940	-24772,060
432+0,00	0,000	3,680	0,000	73,650	2367,880	27213,580	-24845,700
433+0,00	0,000	3,520	0,000	71,980	2367,880	27285,560	-24917,680
434+0,00	0,000	4,350	0,000	78,730	2367,880	27364,290	-24996,410
435+0,00	0,000	7,010	0,000	113,660	2367,880	27477,950	-25110,070
436+0,00	0,000	8,930	0,000	159,470	2367,880	27637,420	-25269,540
437+0,00	0,000	9,450	0,000	183,770	2367,880	27821,190	-25453,310
438+0,00	0,000	7,820	0,000	172,610	2367,880	27993,790	-25625,910

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
439+0,00	0,000	5,780	0,000	136,000	2367,880	28129,790	-25761,910
440+0,00	0,000	2,850	0,000	86,300	2367,880	28216,100	-25848,220
441+0,00	0,000	2,390	0,000	52,310	2367,880	28268,400	-25900,520
442+0,00	0,000	3,500	0,000	58,890	2367,880	28327,290	-25959,410
443+0,00	0,000	3,370	0,000	68,720	2367,880	28396,010	-26028,130
444+0,00	0,000	3,230	0,000	66,030	2367,880	28462,030	-26094,150
445+0,00	0,000	3,020	0,000	62,540	2367,880	28524,570	-26156,690
446+0,00	0,000	3,640	0,000	66,560	2367,880	28591,130	-26223,250
447+0,00	0,000	4,690	0,000	83,230	2367,880	28674,360	-26306,480
448+0,00	0,000	7,480	0,000	121,650	2367,880	28796,010	-26428,130
449+0,00	0,000	7,700	0,000	151,830	2367,880	28947,840	-26579,960
450+0,00	0,000	5,010	0,000	127,110	2367,880	29074,950	-26707,070
451+0,00	0,000	3,180	0,000	81,790	2367,880	29156,740	-26788,860
452+0,00	0,000	2,850	0,000	60,350	2367,880	29217,090	-26849,210
453+0,00	0,000	2,800	0,000	56,360	2367,880	29273,440	-26905,560
454+0,00	0,000	3,130	0,000	59,350	2367,880	29332,800	-26964,920
455+0,00	0,000	3,230	0,000	63,630	2367,880	29396,420	-27028,540
456+0,00	0,000	3,020	0,000	62,580	2367,880	29459,000	-27091,120
457+0,00	0,000	2,880	0,000	59,080	2367,880	29518,080	-27150,200
458+0,00	0,000	2,800	0,000	56,860	2367,880	29574,940	-27207,060
459+0,00	0,000	2,460	0,000	52,530	2367,880	29627,470	-27259,590
460+0,00	0,000	2,410	0,000	48,640	2367,880	29676,110	-27308,230
461+0,00	0,000	1,830	0,000	42,370	2367,880	29718,490	-27350,610
462+0,00	0,000	1,860	0,000	36,620	2367,880	29755,110	-27387,230
463+0,00	0,000	2,170	0,000	40,350	2367,880	29795,460	-27427,580
464+0,00	0,000	3,230	0,000	54,050	2367,880	29849,510	-27481,630
465+0,00	0,000	2,790	0,000	60,200	2367,880	29909,710	-27541,830
466+0,00	0,000	3,320	0,000	60,940	2367,880	29970,650	-27602,770
467+0,00	0,000	3,150	0,000	64,680	2367,880	30035,320	-27667,440
468+0,00	0,000	3,220	0,000	63,790	2367,880	30099,110	-27731,230
469+0,00	0,000	3,850	0,000	70,730	2367,880	30169,830	-27801,950
470+0,00	0,000	4,100	0,000	79,520	2367,880	30249,350	-27881,470
471+0,00	0,000	3,980	0,000	80,830	2367,880	30330,170	-27962,290
472+0,00	0,000	4,090	0,000	80,750	2367,880	30410,930	-28043,050
473+0,00	0,000	3,590	0,000	76,850	2367,880	30487,780	-28119,900
474+0,00	0,000	3,260	0,000	68,500	2367,880	30556,280	-28188,400
475+0,00	0,000	3,280	0,000	65,290	2367,880	30621,580	-28253,700
476+0,00	0,000	2,990	0,000	62,670	2367,880	30684,250	-28316,370
477+0,00	0,000	2,710	0,000	57,000	2367,880	30741,260	-28373,380
478+0,00	0,000	2,890	0,000	56,000	2367,880	30797,260	-28429,380
479+0,00	0,000	3,300	0,000	61,910	2367,880	30859,170	-28491,290
480+0,00	0,000	3,130	0,000	64,370	2367,880	30923,550	-28555,670
481+0,00	0,000	2,220	0,000	53,490	2367,880	30977,040	-28609,160
482+0,00	0,000	2,240	0,000	44,550	2367,880	31021,590	-28653,710
483+0,00	0,000	2,850	0,000	50,920	2367,880	31072,500	-28704,620
484+0,00	0,000	3,420	0,000	62,770	2367,880	31135,270	-28767,390
485+0,00	0,000	3,380	0,000	68,050	2367,880	31203,320	-28835,440
486+0,00	0,000	3,910	0,000	72,890	2367,880	31276,210	-28908,330
487+0,00	0,000	3,580	0,000	74,910	2367,880	31351,120	-28983,240
488+0,00	0,000	3,720	0,000	72,420	2367,880	31423,530	-29055,650
489+0,00	0,000	3,400	0,000	71,220	2367,880	31494,750	-29126,870
490+0,00	0,000	4,220	0,000	75,830	2367,880	31570,580	-29202,700
491+0,00	0,000	4,150	0,000	83,710	2367,880	31654,290	-29286,410
492+0,00	0,000	3,360	0,000	74,870	2367,880	31729,170	-29361,290
493+0,00	0,000	3,520	0,000	68,850	2367,880	31798,020	-29430,140
494+0,00	0,000	3,630	0,000	71,340	2367,880	31869,360	-29501,480
495+0,00	0,000	3,600	0,000	72,280	2367,880	31941,640	-29573,760
496+0,00	0,000	3,050	0,000	66,530	2367,880	32008,170	-29640,290
497+0,00	0,000	3,420	0,000	64,710	2367,880	32072,880	-29705,000
498+0,00	0,000	4,580	0,000	79,970	2367,880	32152,850	-29784,970
499+0,00	0,000	7,250	0,000	118,270	2367,880	32271,120	-29903,240
500+0,00	0,000	6,880	0,000	141,340	2367,880	32412,460	-30044,580
501+0,00	0,000	5,710	0,000	125,880	2367,880	32538,340	-30170,460
502+0,00	0,000	4,000	0,000	97,070	2367,880	32635,410	-30267,530

...Filho
...Pinheiros
...DUARTE
...Estado (Secretaria)

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
503+0,00	0,000	2,330	0,000	63,310	2367,880	32698,710	-30330,830
504+0,00	0,000	1,420	0,000	37,570	2367,880	32736,290	-30368,410
505+0,00	0,000	2,110	0,000	35,360	2367,880	32771,650	-30403,770
506+0,00	0,000	3,210	0,000	53,250	2367,880	32824,900	-30457,020
507+0,00	0,000	3,050	0,000	62,670	2367,880	32887,570	-30519,690
508+0,00	0,000	2,850	0,000	58,980	2367,880	32946,550	-30578,670
509+0,00	0,000	3,280	0,000	61,300	2367,880	33007,850	-30639,970
510+0,00	0,000	2,950	0,000	62,330	2367,880	33070,190	-30702,310
511+0,00	0,000	3,010	0,000	59,570	2367,880	33129,760	-30761,880
512+0,00	0,000	3,040	0,000	60,100	2367,880	33189,860	-30821,980
513+0,00	0,000	3,260	0,000	63,050	2367,880	33252,900	-30885,020
514+0,00	0,000	3,330	0,000	66,200	2367,880	33319,100	-30951,220
515+0,00	0,000	3,110	0,000	64,440	2367,880	33383,540	-31015,660
516+0,00	0,000	3,260	0,000	63,690	2367,880	33447,230	-31079,350
517+0,00	0,000	2,590	0,000	58,610	2367,880	33505,850	-31137,970
518+0,00	0,000	2,370	0,000	49,660	2367,880	33555,510	-31187,630
519+0,00	0,000	2,780	0,000	51,560	2367,880	33607,070	-31239,190
520+0,00	0,000	2,520	0,000	53,140	2367,880	33660,200	-31292,320
521+0,00	0,000	2,640	0,000	51,620	2367,880	33711,820	-31343,940
522+0,00	0,000	1,960	0,000	46,120	2367,880	33757,940	-31390,060
523+0,00	0,000	0,930	0,000	28,940	2367,880	33786,880	-31419,000
524+0,00	1,650	0,000	16,490	9,330	2384,370	33796,210	-31411,840
525+0,00	3,910	0,000	55,620	0,000	2439,990	33796,210	-31356,220
526+0,00	4,390	0,000	83,060	0,000	2523,050	33796,210	-31273,160
527+0,00	5,200	0,000	95,970	0,000	2619,020	33796,210	-31177,190
528+0,00	2,590	0,000	77,940	0,000	2696,960	33796,210	-31099,250
529+0,00	0,690	0,290	32,770	2,910	2729,730	33799,120	-31069,390
530+0,00	0,020	1,880	7,050	21,680	2736,780	33820,790	-31084,010
531+0,00	0,000	3,120	0,180	49,150	2736,960	33869,940	-31132,980
532+0,00	0,020	2,910	0,240	60,270	2737,200	33930,210	-31193,010
533+0,00	0,100	2,220	1,240	51,620	2738,440	33981,830	-31243,390
534+0,00	0,880	0,840	9,850	30,640	2748,290	34012,460	-31264,170
535+0,00	0,440	0,000	13,200	8,430	2761,490	34020,890	-31259,400
536+0,00	0,030	2,710	4,550	27,450	2766,040	34048,340	-31282,300
537+0,00	0,820	0,710	8,470	34,280	2774,510	34082,620	-31308,110
538+0,00	0,000	0,870	8,170	15,830	2782,680	34098,440	-31315,760
539+0,00	0,170	2,500	1,740	33,700	2784,420	34132,140	-31347,720
540+0,00	0,030	3,010	2,000	55,460	2786,420	34187,600	-31401,180
541+0,00	0,090	2,870	1,190	58,810	2787,600	34246,410	-31458,810
542+0,00	0,130	2,090	2,170	49,610	2789,780	34296,020	-31506,240
543+0,00	0,060	2,090	1,840	41,840	2791,620	34337,850	-31546,230
544+0,00	0,000	0,000	0,570	20,920	2792,190	34358,780	-31566,590
545+0,00	7,840	0,000	78,370	0,000	2870,560	34358,780	-31488,220
546+0,00	8,800	0,000	166,390	0,000	3036,950	34358,780	-31321,830
547+0,00	6,290	0,000	150,900	0,000	3187,860	34358,780	-31170,920
548+0,00	0,360	0,630	66,500	6,290	3254,360	34365,070	-31110,710
549+0,00	0,000	3,390	3,610	40,230	3257,970	34405,300	-31147,330
550+0,00	0,000	3,980	0,000	73,710	3257,970	34479,010	-31221,040
551+0,00	0,000	4,570	0,000	85,500	3257,970	34564,510	-31306,540
552+0,00	0,000	4,240	0,000	88,200	3257,970	34652,710	-31394,740
553+0,00	0,000	3,230	0,000	74,670	3257,970	34727,380	-31469,410
554+0,00	0,000	2,550	0,000	57,800	3257,970	34785,180	-31527,210
555+0,00	0,000	3,180	0,000	57,360	3257,980	34842,540	-31584,560
556+0,00	0,210	0,910	2,090	41,310	3260,070	34883,850	-31623,780
557+0,00	0,230	0,880	4,480	17,980	3264,550	34901,830	-31637,280
558+0,00	0,270	0,850	4,870	17,570	3269,430	34919,400	-31649,970
559+0,00	0,000	3,230	2,650	40,740	3272,080	34960,140	-31688,060
560+0,00	0,000	5,170	0,000	84,260	3272,080	35044,400	-31772,320
561+0,00	0,000	6,290	0,000	114,660	3272,080	35159,060	-31886,980
562+0,00	0,000	5,530	0,000	118,280	3272,080	35277,330	-32005,250
563+0,00	0,000	3,320	0,000	88,500	3272,080	35365,840	-32093,760
564+0,00	0,000	2,750	0,000	60,690	3272,080	35426,530	-32154,450
565+0,00	0,000	2,770	0,000	55,200	3272,080	35481,730	-32209,650
566+0,00	0,000	2,870	0,000	56,390	3272,080	35538,130	-32266,050

Secretaria de Estado

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
567+0,00	0,000	2,190	0,010	50,600	3272,080	35588,730	-32316,650
568+0,00	0,330	0,890	3,300	30,700	3275,390	35619,430	-32344,040
569+0,00	0,140	1,060	4,630	19,440	3280,010	35638,870	-32358,860
570+0,00	0,000	1,840	1,350	28,990	3281,370	35667,860	-32386,490
571+0,00	0,000	2,670	0,000	45,170	3281,370	35713,030	-32431,660
572+0,00	0,000	3,930	0,000	66,050	3281,370	35779,080	-32497,710
573+0,00	0,000	4,850	0,000	87,850	3281,370	35866,930	-32585,560
574+0,00	0,000	2,860	0,000	76,870	3281,370	35943,790	-32662,420
575+0,00	0,000	1,230	0,000	40,940	3281,370	35984,730	-32703,360
576+0,00	0,000	1,410	0,000	26,430	3281,370	36011,160	-32729,790
577+0,00	0,000	2,010	0,000	34,300	3281,370	36045,460	-32764,090
578+0,00	0,000	1,310	0,000	33,220	3281,370	36078,680	-32797,310
579+0,00	0,140	0,330	1,430	16,270	3282,800	36094,950	-32812,150
580+0,00	0,480	0,030	6,150	3,620	3288,950	36098,570	-32809,620
581+0,00	0,070	0,660	5,470	6,860	3294,420	36105,430	-32811,010
582+0,00	0,000	2,180	0,700	28,350	3295,130	36133,780	-32838,650
583+0,00	0,000	3,290	0,000	54,350	3295,130	36188,130	-32893,000
584+0,00	0,000	3,120	0,000	64,110	3295,130	36252,230	-32957,100
585+0,00	0,000	2,860	0,000	59,750	3295,130	36311,980	-33016,850
586+0,00	0,000	2,570	0,000	53,980	3295,130	36365,960	-33070,830
587+0,00	0,000	2,710	0,000	52,810	3295,130	36418,770	-33123,640
588+0,00	0,000	2,650	0,000	53,590	3295,130	36472,360	-33177,230
589+0,00	0,000	2,880	0,000	55,320	3295,130	36527,680	-33232,550
590+0,00	0,000	2,980	0,000	58,620	3295,130	36586,300	-33291,170
591+0,00	0,000	2,890	0,000	58,720	3295,130	36645,020	-33349,890
592+0,00	0,000	3,790	0,000	66,770	3295,130	36711,790	-33416,660
593+0,00	0,000	2,000	0,000	57,930	3295,130	36769,720	-33474,590
594+0,00	0,040	0,560	0,430	25,690	3295,560	36795,410	-33499,850
595+0,00	0,370	0,030	4,150	5,900	3299,700	36801,300	-33501,600
596+0,00	1,500	0,000	18,660	0,280	3318,360	36801,590	-33483,230
597+0,00	0,000	0,000	15,020	0,000	3333,380	36801,590	-33468,210
598+0,00	1,030	0,000	10,300	0,000	3343,680	36801,590	-33457,910
599+0,00	0,010	1,870	10,440	18,710	3354,120	36820,300	-33466,180
600+0,00	0,000	3,350	0,130	52,500	3354,250	36872,800	-33518,550
601+0,00	0,000	4,270	0,000	76,210	3354,250	36949,010	-33594,760
602+0,00	0,000	4,120	0,000	83,980	3354,250	37032,990	-33678,740
603+0,00	0,000	2,530	0,000	66,770	3354,250	37099,760	-33745,510
604+0,00	0,050	0,690	0,530	32,250	3354,780	37132,010	-33777,230
605+0,00	1,070	0,000	11,280	6,950	3366,060	37138,960	-33772,900
606+0,00	0,000	1,600	10,750	15,960	3376,810	37154,920	-33778,110
607+0,00	0,000	1,810	0,000	34,060	3376,810	37188,980	-33812,170
608+0,00	0,000	2,170	0,000	39,720	3376,810	37228,700	-33851,890
609+0,00	0,000	2,650	0,000	48,280	3376,810	37276,980	-33900,170
610+0,00	0,000	2,560	0,000	52,130	3376,810	37329,110	-33952,300
611+0,00	0,000	2,260	0,000	48,220	3376,810	37377,340	-34000,530
612+0,00	0,000	2,370	0,000	46,400	3376,810	37423,730	-34046,920
613+0,00	0,000	2,200	0,000	45,720	3376,810	37469,450	-34092,640
614+0,00	0,000	1,870	0,000	40,720	3376,810	37510,170	-34133,360
615+0,00	0,000	1,910	0,000	37,820	3376,810	37547,990	-34171,180
616+0,00	0,000	2,040	0,000	39,480	3376,810	37587,470	-34210,660
617+0,00	0,000	2,150	0,000	41,610	3376,810	37629,080	-34252,270
618+0,00	0,020	1,530	0,180	36,720	3376,990	37665,800	-34288,810
619+0,00	0,000	1,850	0,180	33,810	3377,170	37699,610	-34322,440
620+0,00	0,000	2,460	0,000	43,150	3377,170	37742,760	-34365,590
621+0,00	0,000	2,540	0,000	50,000	3377,170	37792,760	-34415,590
622+0,00	0,000	1,880	0,040	44,230	3377,210	37836,990	-34459,780
623+0,00	0,000	2,910	0,040	47,890	3377,250	37884,880	-34507,630
624+0,00	0,000	3,700	0,000	65,740	3377,250	37950,620	-34573,370
625+0,00	0,000	3,180	0,000	68,780	3377,250	38019,400	-34642,150
626+0,00	0,000	2,090	0,010	52,490	3377,260	38071,890	-34694,630
627+0,00	0,010	1,820	0,060	39,160	3377,320	38111,050	-34733,730
628+0,00	0,010	1,680	0,110	35,050	3377,430	38146,100	-34768,670
629+0,00	0,000	2,970	0,050	46,340	3377,480	38192,430	-34814,950
630+0,00	0,000	3,440	0,000	63,850	3377,480	38256,290	-34878,810

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
631+0,00	0,000	4,250	0,000	76,940	3377,480	38333,230	-34955,750
632+0,00	0,000	6,310	0,000	105,570	3377,480	38438,800	-35061,320
633+0,00	0,000	7,180	0,000	134,820	3377,480	38573,630	-35196,150
634+0,00	0,000	6,050	0,000	132,220	3377,480	38705,850	-35328,370
635+0,00	0,000	4,470	0,000	105,210	3377,480	38811,060	-35433,580
636+0,00	0,000	3,820	0,000	82,970	3377,480	38894,030	-35516,550
637+0,00	0,000	3,750	0,000	75,770	3377,480	38969,810	-35592,330
638+0,00	0,000	4,280	0,000	80,340	3377,480	39050,150	-35672,670
639+0,00	0,000	6,470	0,000	107,530	3377,480	39157,680	-35780,200
640+0,00	0,000	8,300	0,000	147,720	3377,480	39305,400	-35927,920
641+0,00	0,000	8,520	0,000	168,240	3377,480	39473,640	-36096,160
642+0,00	0,000	6,590	0,000	151,070	3377,480	39624,710	-36247,230
643+0,00	0,000	3,170	0,000	97,580	3377,480	39722,280	-36344,800
644+0,00	0,000	2,320	0,000	54,930	3377,480	39777,220	-36399,740
645+0,00	0,000	2,900	0,000	52,200	3377,480	39829,420	-36451,940
646+0,00	0,000	2,620	0,000	55,160	3377,480	39884,580	-36507,100
647+0,00	0,000	1,320	0,000	39,370	3377,480	39923,950	-36546,470
648+0,00	0,000	1,840	0,000	31,570	3377,480	39955,510	-36578,030
649+0,00	0,000	2,450	0,000	43,180	3377,480	39998,700	-36621,220
650+0,00	0,000	2,490	0,000	49,370	3377,480	40048,060	-36670,580
651+0,00	0,000	2,110	0,000	46,200	3377,480	40094,260	-36716,780
652+0,00	0,000	2,540	0,000	46,670	3377,480	40140,940	-36763,460
653+0,00	0,000	2,560	0,000	50,990	3377,480	40191,930	-36814,450
654+0,00	0,000	2,460	0,000	50,250	3377,480	40242,180	-36864,700
655+0,00	0,000	2,490	0,000	49,480	3377,480	40291,660	-36914,180
656+0,00	0,000	2,510	0,000	49,870	3377,480	40341,520	-36964,040
657+0,00	0,000	2,590	0,000	50,960	3377,480	40392,490	-37015,010
658+0,00	0,000	3,320	0,000	59,090	3377,480	40451,570	-37074,090
659+0,00	0,000	4,880	0,000	81,990	3377,480	40533,560	-37156,080
660+0,00	0,000	5,700	0,000	105,770	3377,480	40639,330	-37261,850
661+0,00	0,000	5,580	0,000	112,770	3377,480	40752,100	-37374,620
662+0,00	0,000	5,530	0,000	111,070	3377,480	40863,170	-37485,690
663+0,00	0,000	2,580	0,000	81,100	3377,480	40944,270	-37566,790
664+0,00	0,000	1,730	0,000	43,140	3377,480	40987,410	-37609,930
665+0,00	0,000	1,700	0,000	34,260	3377,480	41021,660	-37644,180
666+0,00	0,000	1,400	0,000	31,010	3377,480	41052,670	-37675,190
667+0,00	0,000	2,060	0,000	34,640	3377,480	41087,310	-37709,830
668+0,00	0,000	1,620	0,000	36,680	3377,480	41124,000	-37746,520
669+0,00	0,000	1,990	0,000	36,090	3377,480	41160,090	-37782,610
670+0,00	0,000	2,150	0,000	41,450	3377,480	41201,540	-37824,060
671+0,00	0,000	2,160	0,000	43,050	3377,480	41244,590	-37867,110
672+0,00	0,000	2,370	0,000	45,330	3377,480	41289,920	-37912,440
673+0,00	0,000	2,210	0,000	45,830	3377,480	41335,750	-37958,270
674+0,00	0,000	2,090	0,000	42,970	3377,480	41378,730	-38001,250
675+0,00	0,000	1,990	0,000	40,810	3377,480	41419,530	-38042,050
676+0,00	0,000	1,410	0,000	33,970	3377,480	41453,500	-38076,020
677+0,00	0,010	0,520	0,090	19,220	3377,570	41472,710	-38095,140
678+0,00	0,510	0,000	5,230	5,230	3382,800	41477,950	-38095,150
679+0,00	1,570	0,000	20,820	0,000	3403,620	41477,950	-38074,330
680+0,00	0,840	0,000	24,100	0,000	3427,730	41477,950	-38050,220
681+0,00	0,030	0,520	8,780	5,180	3436,510	41483,120	-38046,610
682+0,00	0,000	1,240	0,280	17,610	3436,790	41500,740	-38063,950
683+0,00	0,000	1,980	0,000	32,210	3436,790	41532,940	-38096,150
684+0,00	0,000	2,810	0,000	47,720	3436,790	41580,660	-38143,870
685+0,00	0,000	2,430	0,000	52,510	3436,790	41633,170	-38196,380
686+0,00	0,000	2,520	0,000	49,510	3436,790	41682,680	-38245,890
687+0,00	0,000	2,870	0,000	53,950	3436,790	41736,630	-38299,840
688+0,00	0,000	1,450	0,000	43,170	3436,790	41779,790	-38343,000
689+0,00	0,000	2,410	0,000	38,600	3436,790	41818,390	-38381,600
690+0,00	0,000	3,430	0,000	58,410	3436,790	41876,810	-38440,020
691+0,00	0,000	3,840	0,000	72,690	3436,790	41949,500	-38512,710
692+0,00	0,000	4,150	0,000	79,970	3436,790	42029,470	-38592,680
693+0,00	0,000	4,920	0,000	90,710	3436,790	42120,180	-38683,390
694+0,00	0,000	4,690	0,000	96,120	3436,790	42216,290	-38779,500

Secretário de Obras e Serviços

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
695+0,00	0,000	3,830	0,000	85,210	3436,790	42301,500	-38864,710
696+0,00	0,000	3,090	0,000	69,190	3436,790	42370,690	-38933,900
697+0,00	0,000	3,440	0,000	65,280	3436,790	42435,970	-38999,180
698+0,00	0,000	3,140	0,000	65,750	3436,790	42501,730	-39064,940
699+0,00	0,000	3,010	0,000	61,530	3436,790	42563,260	-39126,470
700+0,00	0,000	2,800	0,000	58,090	3436,790	42621,350	-39184,560
701+0,00	0,000	2,100	0,000	48,940	3436,790	42670,290	-39233,500
702+0,00	0,000	1,960	0,000	40,610	3436,790	42710,900	-39274,110
703+0,00	0,000	2,220	0,000	41,890	3436,790	42752,790	-39316,000
704+0,00	0,000	3,070	0,000	52,960	3436,790	42805,750	-39368,960
705+0,00	0,000	3,340	0,000	64,160	3436,790	42869,910	-39433,120
706+0,00	0,000	3,250	0,000	65,960	3436,790	42935,870	-39499,080
707+0,00	0,000	3,240	0,000	64,930	3436,790	43000,790	-39564,000
708+0,00	0,000	3,270	0,000	65,110	3436,790	43065,910	-39629,120
709+0,00	0,000	3,500	0,000	67,720	3436,790	43133,630	-39696,840
710+0,00	0,000	3,600	0,000	71,070	3436,790	43204,700	-39767,910
711+0,00	0,000	3,880	0,000	74,960	3436,790	43279,660	-39842,870
712+0,00	0,000	3,740	0,000	76,380	3436,790	43356,040	-39919,250
713+0,00	0,000	3,490	0,000	72,590	3436,790	43428,640	-39991,850
714+0,00	0,000	3,210	0,000	67,020	3436,790	43495,650	-40058,860
715+0,00	0,000	3,010	0,000	62,900	3436,790	43558,550	-40121,760
716+0,00	0,000	2,880	0,000	58,930	3436,790	43617,480	-40180,690
717+0,00	0,000	3,350	0,000	62,290	3436,790	43679,760	-40242,970
718+0,00	0,000	3,270	0,000	65,710	3436,790	43745,480	-40308,690
719+0,00	0,000	3,080	0,000	63,470	3436,790	43808,940	-40372,150
720+0,00	0,000	4,240	0,000	72,880	3436,790	43881,830	-40445,040
721+0,00	0,000	4,180	0,000	83,540	3436,790	43965,370	-40528,580
722+0,00	0,000	4,040	0,000	82,140	3436,790	44047,510	-40610,720
723+0,00	0,000	3,860	0,000	79,020	3436,790	44126,530	-40689,740
724+0,00	0,000	3,940	0,000	78,000	3436,790	44204,530	-40767,740
725+0,00	0,000	4,490	0,000	84,330	3436,790	44288,860	-40852,070
726+0,00	0,000	4,990	0,000	94,800	3436,790	44383,660	-40946,870
727+0,00	0,000	5,190	0,000	101,770	3436,790	44485,430	-41048,640
728+0,00	0,000	4,440	0,000	96,270	3436,790	44581,690	-41144,900
729+0,00	0,000	2,210	0,000	66,510	3436,790	44648,200	-41211,410
730+0,00	0,000	2,000	0,000	42,160	3436,790	44690,360	-41253,570
731+0,00	0,000	1,090	0,000	30,970	3436,790	44721,330	-41284,540
732+0,00	0,000	2,960	0,000	40,570	3436,790	44761,900	-41325,110
733+0,00	0,000	2,300	0,000	52,480	3436,790	44814,380	-41377,590
734+0,00	0,000	3,560	0,000	58,640	3436,790	44873,010	-41436,220
735+0,00	0,000	3,650	0,000	72,120	3436,790	44945,130	-41508,340
736+0,00	0,000	2,780	0,000	64,330	3436,790	45009,460	-41572,670
737+0,00	0,000	1,680	0,000	44,620	3436,790	45054,090	-41617,300
738+0,00	0,000	1,340	0,000	29,820	3436,790	45083,910	-41647,120
739+0,00	0,350	0,200	3,490	15,380	3440,280	45099,290	-41659,010
740+0,00	0,010	0,680	3,590	8,760	3443,870	45108,050	-41664,180
741+0,00	0,000	1,030	0,090	17,060	3443,960	45125,110	-41681,150
742+0,00	0,000	1,730	0,000	27,580	3443,960	45152,680	-41708,720
743+0,00	0,000	2,000	0,000	37,370	3443,960	45190,060	-41746,100
744+0,00	0,000	3,480	0,000	54,800	3443,960	45244,860	-41800,900
745+0,00	0,000	2,420	0,000	59,000	3443,960	45303,860	-41859,900
746+0,00	0,000	0,610	0,000	30,300	3443,960	45334,160	-41890,200
747+0,00	1,210	0,000	12,100	6,060	3456,060	45340,210	-41884,150
748+0,00	2,770	0,000	39,820	0,000	3495,880	45340,210	-41844,330
749+0,00	1,260	0,000	40,300	0,000	3536,170	45340,210	-41804,040
750+0,00	0,000	1,930	12,570	19,290	3548,750	45359,510	-41810,760
751+0,00	0,000	2,470	0,000	43,970	3548,750	45403,470	-41854,720
752+0,00	0,000	2,680	0,000	51,430	3548,750	45454,910	-41906,160
753+0,00	0,000	1,940	0,000	46,200	3548,750	45501,110	-41952,360
754+0,00	0,000	1,020	0,000	29,630	3548,750	45530,740	-41981,990
755+0,00	0,000	0,760	0,000	17,810	3548,750	45548,550	-41999,800
756+0,00	0,000	0,650	0,000	14,080	3548,750	45562,630	-42013,880
757+0,00	0,000	1,290	0,000	19,350	3548,750	45581,980	-42033,230
758+0,00	0,000	2,660	0,000	39,510	3548,750	45621,490	-42072,740

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Liquido (m3)
759+0,00	0,000	2,910	0,000	55,680	3548,750	45677,170	-42128,420
760+0,00	0,000	2,850	0,000	57,550	3548,750	45734,720	-42185,970
761+0,00	0,000	1,990	0,000	48,340	3548,750	45783,060	-42234,310
762+0,00	0,000	0,720	0,000	27,100	3548,750	45810,160	-42261,410
763+0,00	0,150	0,060	1,480	7,880	3550,230	45818,040	-42267,810
764+0,00	1,720	0,000	18,700	0,630	3568,930	45818,670	-42249,740
765+0,00	2,500	0,000	42,260	0,000	3611,190	45818,670	-42207,480
766+0,00	3,750	0,000	62,520	0,000	3673,710	45818,670	-42144,960
767+0,00	3,200	0,000	69,480	0,000	3743,190	45818,670	-42075,480
768+0,00	1,540	0,000	47,410	0,000	3790,590	45818,670	-42028,080
769+0,00	0,150	1,100	16,920	11,010	3807,510	45829,680	-42022,170
770+0,00	0,000	3,030	1,500	41,320	3809,010	45871,010	-42062,000
771+0,00	0,000	3,330	0,000	63,570	3809,010	45934,580	-42125,570
772+0,00	0,000	3,270	0,000	65,930	3809,010	46000,510	-42191,500
773+0,00	0,000	3,460	0,000	67,050	3809,010	46067,560	-42258,550
774+0,00	0,000	4,720	0,000	81,820	3809,010	46149,380	-42340,370
775+0,00	0,000	3,540	0,000	82,580	3809,010	46231,960	-42422,950
776+0,00	0,000	2,980	0,000	65,180	3809,010	46297,140	-42488,130
777+0,00	0,000	3,420	0,000	63,670	3809,010	46360,820	-42551,810
778+0,00	0,000	3,760	0,000	71,780	3809,010	46432,590	-42623,580
779+0,00	0,000	2,860	0,000	66,150	3809,010	46498,750	-42689,740
780+0,00	0,000	2,580	0,000	54,420	3809,010	46553,160	-42744,150
781+0,00	0,000	2,350	0,000	49,350	3809,010	46602,510	-42793,500
782+0,00	0,000	2,760	0,000	51,060	3809,010	46653,570	-42844,560
783+0,00	0,000	3,050	0,000	57,990	3809,010	46711,560	-42902,550
784+0,00	0,000	2,950	0,000	60,050	3809,010	46771,610	-42962,600
785+0,00	0,000	3,290	0,000	62,430	3809,010	46834,040	-43025,030
786+0,00	0,000	6,840	0,000	101,270	3809,010	46935,310	-43126,300
787+0,00	0,000	9,310	0,000	161,510	3809,010	47096,810	-43287,800
788+0,00	0,000	8,570	0,000	178,870	3809,010	47275,690	-43466,680
789+0,00	0,000	6,290	0,000	148,660	3809,010	47424,350	-43615,340
790+0,00	0,000	3,700	0,000	99,910	3809,010	47524,260	-43715,250
791+0,00	0,000	2,350	0,000	60,520	3809,010	47584,780	-43775,770
792+0,00	0,100	0,210	0,970	25,580	3809,980	47610,360	-43800,380
793+0,00	0,000	1,690	0,970	18,950	3810,950	47629,310	-43818,360
794+0,00	0,000	3,370	0,000	50,490	3810,950	47679,800	-43868,850
795+0,00	0,000	3,030	0,000	64,000	3810,950	47743,800	-43932,850
796+0,00	0,000	3,010	0,000	60,490	3810,950	47804,300	-43993,350
797+0,00	0,000	3,250	0,000	62,700	3810,950	47866,990	-44056,040
798+0,00	0,000	3,180	0,000	64,310	3810,950	47931,300	-44120,350
799+0,00	0,000	2,680	0,000	58,580	3810,950	47989,880	-44178,930
800+0,00	0,000	2,840	0,000	55,210	3810,950	48045,090	-44234,140
801+0,00	0,000	2,090	0,000	49,250	3810,950	48094,350	-44283,400
802+0,00	0,000	2,140	0,000	42,300	3810,950	48136,640	-44325,690
803+0,00	0,000	2,890	0,000	50,380	3810,950	48187,020	-44376,070
804+0,00	0,000	2,780	0,000	56,750	3810,950	48243,770	-44432,820
805+0,00	0,000	2,280	0,000	50,650	3810,950	48294,420	-44483,470
806+0,00	0,000	2,300	0,000	45,880	3810,950	48340,300	-44529,350
807+0,00	0,000	2,590	0,000	48,960	3810,950	48389,250	-44578,300
808+0,00	0,000	2,780	0,000	53,670	3810,950	48442,920	-44631,970
809+0,00	0,000	2,560	0,000	53,310	3810,950	48496,230	-44685,280
810+0,00	0,000	2,520	0,000	50,820	3810,950	48547,060	-44736,110
811+0,00	0,000	2,740	0,000	52,640	3810,950	48599,700	-44788,750
812+0,00	0,000	2,830	0,000	55,740	3810,950	48655,440	-44844,490
813+0,00	0,000	2,890	0,000	57,210	3810,950	48712,660	-44901,710
814+0,00	0,000	2,880	0,000	57,700	3810,950	48770,360	-44959,410
815+0,00	0,000	3,170	0,000	60,570	3810,950	48830,930	-45019,980
816+0,00	0,000	3,190	0,000	63,660	3810,950	48894,590	-45083,640
817+0,00	0,000	2,340	0,000	55,310	3810,950	48949,890	-45138,940
818+0,00	0,000	2,700	0,000	50,410	3810,950	49000,300	-45189,350
819+0,00	0,000	3,220	0,000	59,250	3810,950	49059,550	-45248,600
820+0,00	0,000	3,390	0,000	66,170	3810,950	49125,720	-45314,770
821+0,00	0,000	3,660	0,000	70,510	3810,950	49196,230	-45385,280
822+0,00	0,000	3,400	0,000	70,600	3810,950	49266,840	-45455,890

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
823+0,00	0,000	3,530	0,000	69,300	3810,950	49336,130	-45525,180
824+0,00	0,000	3,580	0,000	71,070	3810,950	49407,200	-45596,250
825+0,00	0,000	3,420	0,000	70,060	3810,950	49477,260	-45666,310
826+0,00	0,000	3,280	0,000	67,020	3810,950	49544,280	-45733,330
827+0,00	0,000	2,920	0,000	62,050	3810,950	49606,330	-45795,380
828+0,00	0,000	2,940	0,000	58,630	3810,950	49664,960	-45854,010
829+0,00	0,000	2,410	0,000	53,510	3810,950	49718,460	-45907,510
830+0,00	0,010	0,410	0,050	28,250	3811,000	49746,720	-45935,720
831+0,00	1,670	0,000	16,710	4,110	3827,720	49750,830	-45923,110
832+0,00	3,740	0,000	54,020	0,000	3881,740	49750,830	-45869,090
833+0,00	5,400	0,000	91,410	0,000	3973,150	49750,830	-45777,680
834+0,00	6,080	0,000	114,870	0,000	4088,010	49750,830	-45662,820
835+0,00	5,250	0,000	113,280	0,000	4201,300	49750,830	-45549,530
836+0,00	2,570	0,000	78,170	0,000	4279,460	49750,830	-45471,370
837+0,00	0,950	0,000	35,200	0,000	4314,660	49750,830	-45436,170
838+0,00	0,160	0,500	11,090	4,970	4325,760	49755,800	-45430,040
839+0,00	0,000	1,500	1,610	19,920	4327,370	49775,720	-45448,350
840+0,00	0,000	2,320	0,000	38,180	4327,370	49813,910	-45486,540
841+0,00	0,000	3,070	0,000	53,910	4327,370	49867,820	-45540,450
842+0,00	0,000	3,450	0,000	65,170	4327,370	49932,990	-45605,620
843+0,00	0,000	3,970	0,000	74,170	4327,370	50007,160	-45679,790
844+0,00	0,000	3,950	0,000	79,160	4327,370	50086,310	-45758,940
845+0,00	0,000	3,560	0,000	75,020	4327,370	50161,330	-45833,960
846+0,00	0,000	2,960	0,000	65,170	4327,370	50226,500	-45899,130
847+0,00	0,000	2,410	0,000	53,680	4327,370	50280,180	-45952,810
848+0,00	0,010	1,340	0,080	37,480	4327,450	50317,650	-45990,200
849+0,00	0,000	1,960	0,080	33,040	4327,530	50350,690	-46023,160
850+0,00	0,000	2,600	0,000	45,630	4327,530	50396,310	-46068,780
851+0,00	0,000	2,900	0,000	55,020	4327,530	50451,330	-46123,800
852+0,00	0,000	2,900	0,000	58,040	4327,530	50509,370	-46181,840
853+0,00	0,000	2,470	0,000	53,720	4327,530	50563,080	-46235,550
854+0,00	0,000	3,390	0,000	58,630	4327,530	50621,710	-46294,180
855+0,00	0,000	3,340	0,000	67,320	4327,530	50689,030	-46361,500
856+0,00	0,000	2,120	0,000	54,600	4327,530	50743,630	-46416,100
857+0,00	0,000	1,360	0,000	34,780	4327,530	50778,400	-46450,870
858+0,00	0,000	1,160	0,000	25,170	4327,530	50803,580	-46476,050
859+0,00	0,000	1,500	0,000	26,610	4327,530	50830,190	-46502,660
860+0,00	0,000	2,170	0,000	36,710	4327,530	50866,900	-46539,370
861+0,00	0,000	2,850	0,000	50,200	4327,530	50917,100	-46589,570
862+0,00	0,000	2,540	0,000	53,900	4327,530	50971,000	-46643,470
863+0,00	0,000	2,950	0,000	54,800	4327,530	51025,800	-46698,270
864+0,00	0,000	2,730	0,000	56,730	4327,530	51082,530	-46755,000
865+0,00	0,000	2,760	0,000	54,850	4327,530	51137,380	-46809,850
866+0,00	0,000	3,030	0,000	57,850	4327,530	51195,220	-46867,690
867+0,00	0,000	3,010	0,000	60,360	4327,530	51255,590	-46928,060
868+0,00	0,000	3,080	0,000	60,890	4327,530	51316,480	-46988,950
869+0,00	0,000	3,890	0,000	69,720	4327,530	51386,200	-47058,670
870+0,00	0,000	4,530	0,000	84,190	4327,530	51470,400	-47142,870
871+0,00	0,000	3,540	0,000	80,600	4327,530	51551,000	-47223,470
872+0,00	0,000	2,800	0,000	63,360	4327,530	51614,350	-47286,820
873+0,00	0,000	2,600	0,000	53,990	4327,530	51668,350	-47340,820
874+0,00	0,000	3,190	0,000	57,880	4327,530	51726,230	-47398,700
875+0,00	0,000	2,910	0,000	61,020	4327,530	51787,250	-47459,720
876+0,00	0,000	2,860	0,000	57,600	4327,530	51844,850	-47517,320
877+0,00	0,000	2,580	0,000	54,400	4327,530	51899,260	-47571,730
878+0,00	0,000	2,840	0,000	54,120	4327,530	51953,370	-47625,840
879+0,00	0,000	3,220	0,000	60,540	4327,530	52013,910	-47686,380
880+0,00	0,000	5,610	0,000	88,140	4327,530	52102,050	-47774,520
881+0,00	0,000	8,480	0,000	140,950	4327,530	52243,000	-47915,470
882+0,00	0,000	11,160	0,000	196,270	4327,530	52439,270	-48111,740
883+0,00	0,000	13,010	0,000	241,770	4327,530	52681,040	-48353,510
884+0,00	0,000	13,130	0,000	261,370	4327,530	52942,410	-48614,880
885+0,00	0,000	13,470	0,000	266,000	4327,530	53208,400	-48880,870
886+0,00	0,000	12,980	0,000	264,490	4327,530	53472,900	-49145,370

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
887+0,00	0,000	9,900	0,000	228,830	4327,530	53701,730	-49374,200
888+0,00	0,000	7,040	0,000	169,300	4327,530	53871,030	-49543,500
889+0,00	0,000	4,360	0,000	114,040	4327,530	53985,070	-49657,540
890+0,00	0,000	3,040	0,000	74,040	4327,530	54059,110	-49731,580
891+0,00	0,000	2,960	0,000	59,940	4327,530	54119,050	-49791,520
892+0,00	0,000	2,920	0,000	58,710	4327,530	54177,760	-49850,230
893+0,00	0,000	2,950	0,000	58,660	4327,530	54236,420	-49908,890
894+0,00	0,000	3,020	0,000	59,630	4327,530	54296,050	-49968,520
895+0,00	0,000	3,120	0,000	61,330	4327,530	54357,380	-50029,850
896+0,00	0,000	3,400	0,000	65,190	4327,530	54422,570	-50095,040
897+0,00	0,000	3,210	0,000	66,130	4327,530	54488,700	-50161,170
898+0,00	0,000	2,670	0,000	58,810	4327,530	54547,500	-50219,970
899+0,00	0,000	3,200	0,000	58,650	4327,530	54606,160	-50278,630
900+0,00	0,000	3,140	0,000	63,360	4327,530	54669,520	-50341,990
901+0,00	0,000	3,250	0,000	63,920	4327,530	54733,440	-50405,910
902+0,00	0,000	3,130	0,000	63,790	4327,530	54797,240	-50469,710
903+0,00	0,000	3,090	0,000	62,160	4327,530	54859,400	-50531,870
904+0,00	0,000	3,510	0,000	66,040	4327,530	54925,440	-50597,910
905+0,00	0,000	4,310	0,000	78,280	4327,530	55003,710	-50676,180
906+0,00	0,000	3,070	0,000	73,720	4327,530	55077,430	-50749,900
907+0,00	0,000	2,640	0,000	57,060	4327,530	55134,480	-50806,950
908+0,00	0,000	2,600	0,000	52,430	4327,530	55186,920	-50859,390
909+0,00	0,000	2,670	0,000	52,740	4327,530	55239,650	-50912,120
910+0,00	0,000	2,360	0,000	50,280	4327,530	55289,930	-50962,400
911+0,00	0,000	0,310	0,020	26,700	4327,550	55316,630	-50989,080
912+0,00	0,150	0,040	1,550	3,480	4329,100	55320,120	-50991,020
913+0,00	0,000	0,580	1,530	6,190	4330,630	55326,310	-50995,680
914+0,00	0,000	1,350	0,000	19,290	4330,630	55345,590	-51014,960
915+0,00	0,000	3,420	0,000	47,640	4330,630	55393,230	-51062,600
916+0,00	0,000	5,140	0,000	85,590	4330,630	55478,820	-51148,190
917+0,00	0,000	5,610	0,000	107,540	4330,630	55586,360	-51255,730
918+0,00	0,000	3,920	0,000	95,300	4330,630	55681,660	-51351,030
919+0,00	0,000	2,760	0,000	66,800	4330,630	55748,460	-51417,830
920+0,00	0,000	2,780	0,000	55,480	4330,630	55803,940	-51473,310
921+0,00	0,000	2,830	0,000	56,160	4330,630	55860,090	-51529,460
922+0,00	0,000	2,730	0,000	55,590	4330,630	55915,680	-51585,050
923+0,00	0,000	2,730	0,000	54,630	4330,630	55970,310	-51639,680
924+0,00	0,000	2,680	0,000	54,080	4330,630	56024,390	-51693,760
925+0,00	0,000	2,370	0,000	50,460	4330,630	56074,860	-51744,230
926+0,00	0,000	2,480	0,000	48,530	4330,630	56123,390	-51792,760
927+0,00	0,000	2,820	0,000	53,090	4330,630	56176,470	-51845,840
928+0,00	0,000	2,970	0,000	57,920	4330,630	56234,400	-51903,770
929+0,00	0,000	2,770	0,000	57,430	4330,630	56291,830	-51961,200
930+0,00	0,000	3,220	0,000	59,860	4330,630	56351,690	-52021,060
931+0,00	0,000	3,120	0,000	63,350	4330,630	56415,040	-52084,410
932+0,00	0,000	2,840	0,000	59,620	4330,630	56474,650	-52144,020
933+0,00	0,000	2,060	0,000	49,070	4330,630	56523,720	-52193,090
934+0,00	0,000	2,450	0,000	45,150	4330,630	56568,870	-52238,240
935+0,00	0,000	3,080	0,000	55,340	4330,630	56624,220	-52293,590
936+0,00	0,000	3,030	0,000	61,160	4330,630	56685,380	-52354,750
937+0,00	0,000	2,960	0,000	59,960	4330,630	56745,340	-52414,710
938+0,00	0,000	1,830	0,000	47,880	4330,630	56793,210	-52462,580
939+0,00	0,000	0,570	0,000	23,930	4330,630	56817,150	-52486,520
940+0,00	1,040	0,000	10,390	5,670	4341,020	56822,810	-52481,790
941+0,00	2,310	0,000	33,460	0,000	4374,480	56822,810	-52448,330
942+0,00	3,160	0,000	54,690	0,000	4429,180	56822,810	-52393,630
943+0,00	2,760	0,000	59,240	0,000	4488,420	56822,810	-52334,390
944+0,00	0,820	0,000	35,810	0,000	4524,230	56822,810	-52298,580
945+0,00	0,000	2,780	8,190	27,830	4532,420	56850,650	-52318,230
946+0,00	0,000	4,020	0,000	68,040	4532,420	56918,690	-52386,270
947+0,00	0,000	5,640	0,000	96,590	4532,420	57015,280	-52482,860
948+0,00	0,000	7,340	0,000	129,780	4532,420	57145,070	-52612,650
949+0,00	0,000	7,370	0,000	147,100	4532,420	57292,160	-52759,740
950+0,00	0,000	6,680	0,000	140,500	4532,420	57432,660	-52900,240

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
951+0,00	0,000	5,200	0,000	118,800	4532,420	57551,460	-53019,040
952+0,00	0,000	4,780	0,000	99,800	4532,420	57651,260	-53118,840
953+0,00	0,000	4,310	0,000	90,730	4532,420	57741,990	-53209,570
954+0,00	0,000	3,710	0,000	80,040	4532,420	57822,030	-53289,610
955+0,00	0,000	3,350	0,000	70,370	4532,420	57892,400	-53359,980
956+0,00	0,000	5,860	0,000	92,050	4532,420	57984,450	-53452,030
957+0,00	0,000	5,300	0,000	111,600	4532,420	58096,050	-53563,630
958+0,00	0,000	3,570	0,000	88,690	4532,420	58184,740	-53652,320
959+0,00	0,010	0,270	0,110	38,430	4532,530	58223,160	-53690,630
960+0,00	3,500	0,000	35,100	2,750	4567,630	58225,910	-53658,280
961+0,00	8,120	0,000	116,170	0,000	4683,810	58225,910	-53542,100
962+0,00	9,640	0,000	177,540	0,000	4861,350	58225,910	-53364,560
963+0,00	10,740	0,000	203,730	0,000	5065,080	58225,910	-53160,830
964+0,00	7,860	0,000	185,840	0,000	5250,920	58225,910	-52974,990
965+0,00	4,830	0,000	126,830	0,000	5377,750	58225,910	-52848,160
966+0,00	1,160	0,000	59,920	0,000	5437,680	58225,910	-52788,230
967+0,00	0,000	0,410	11,690	4,130	5449,370	58230,030	-52780,660
968+0,00	0,000	1,870	0,050	22,830	5449,420	58252,870	-52803,450
969+0,00	0,000	2,760	0,000	46,330	5449,420	58299,190	-52849,770
970+0,00	0,000	2,810	0,000	55,740	5449,420	58354,940	-52905,520
971+0,00	0,000	2,880	0,000	56,900	5449,420	58411,840	-52962,420
972+0,00	0,000	3,080	0,000	59,670	5449,420	58471,510	-53022,090
973+0,00	0,000	3,140	0,000	62,230	5449,420	58533,740	-53084,320
974+0,00	0,000	3,870	0,000	70,020	5449,420	58603,760	-53154,340
975+0,00	0,000	3,630	0,000	74,870	5449,420	58678,630	-53229,210
976+0,00	0,000	3,480	0,000	71,100	5449,420	58749,730	-53300,310
977+0,00	0,000	4,650	0,000	81,270	5449,420	58831,010	-53381,590
978+0,00	0,000	5,080	0,000	97,310	5449,420	58928,320	-53478,900
979+0,00	0,000	3,870	0,000	89,530	5449,420	59017,840	-53568,420
980+0,00	0,000	2,940	0,000	68,090	5449,420	59085,930	-53636,510
981+0,00	0,000	2,930	0,000	58,680	5449,420	59144,610	-53695,190
982+0,00	0,000	2,570	0,000	54,970	5449,420	59199,580	-53750,160
983+0,00	0,000	2,690	0,000	52,440	5449,420	59252,020	-53802,600
984+0,00	0,000	2,970	0,000	56,410	5449,420	59308,430	-53859,010
985+0,00	0,000	3,250	0,000	62,140	5449,420	59370,580	-53921,160
986+0,00	0,250	0,610	2,460	38,530	5451,880	59409,100	-53957,220
987+0,00	3,720	0,000	39,490	6,140	5491,370	59415,240	-53923,870
988+0,00	0,000	0,000	37,190	0,000	5528,550	59415,240	-53886,690
989+0,00	11,460	0,000	114,620	0,000	5643,180	59415,240	-53772,060
990+0,00	14,240	0,000	256,870	0,000	5900,050	59415,240	-53515,190
991+0,00	13,900	0,000	281,380	0,000	6181,430	59415,240	-53233,810
992+0,00	9,850	0,000	237,470	0,000	6418,900	59415,240	-52996,340
993+0,00	3,380	0,000	132,260	0,000	6551,160	59415,240	-52864,080
994+0,00	0,200	0,030	35,780	0,300	6586,950	59415,540	-52828,590
995+0,00	0,000	1,660	2,030	16,920	6588,980	59432,460	-52843,480
996+0,00	0,000	2,400	0,000	40,670	6588,980	59473,130	-52884,150
997+0,00	0,000	2,880	0,000	52,760	6588,980	59525,890	-52936,910
998+0,00	0,000	3,000	0,000	58,870	6588,980	59584,760	-52995,780
999+0,00	0,000	3,380	0,000	63,860	6588,980	59648,620	-53059,640
1000+0,00	0,000	3,650	0,000	70,370	6588,980	59718,990	-53130,010
1001+0,00	0,000	3,000	0,000	66,500	6588,980	59785,490	-53196,510
1002+0,00	0,000	2,400	0,000	53,970	6588,980	59839,450	-53250,470
1003+0,00	0,000	2,420	0,000	48,180	6588,980	59887,630	-53298,650
1004+0,00	0,000	2,010	0,000	44,250	6588,980	59931,880	-53342,900
1005+0,00	0,000	1,610	0,000	36,190	6588,980	59968,070	-53379,090
1006+0,00	0,000	2,690	0,000	43,010	6588,980	60011,090	-53422,110
1007+0,00	0,000	2,930	0,000	56,250	6588,980	60067,340	-53478,360
1008+0,00	0,000	2,920	0,000	58,540	6588,980	60125,880	-53536,900
1009+0,00	0,000	2,930	0,000	58,490	6588,980	60184,370	-53595,390
1010+0,00	0,000	2,990	0,000	59,190	6588,980	60243,560	-53654,580
1011+0,00	0,000	2,850	0,000	58,390	6588,980	60301,950	-53712,970
1012+0,00	0,000	2,750	0,000	55,990	6588,980	60357,940	-53768,960
1013+0,00	0,000	3,090	0,000	58,360	6588,980	60416,290	-53827,310
1014+0,00	0,000	3,180	0,000	62,700	6588,980	60479,000	-53890,020

Osvaldo Lopes da S...
Diretor ... de ...
Portaria ... de ...
Secretário ...

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1015+0,00	0,000	3,010	0,000	61,920	6588,980	60540,920	-53951,940
1016+0,00	0,000	4,000	0,000	70,070	6588,980	60610,990	-54022,010
1017+0,00	0,000	5,430	0,000	94,370	6588,980	60705,360	-54116,380
1018+0,00	0,000	8,420	0,000	138,500	6588,980	60843,860	-54254,880
1019+0,00	0,000	10,910	0,000	193,240	6588,980	61037,100	-54448,120
1020+0,00	0,000	12,450	0,000	233,530	6588,980	61270,640	-54681,660
1021+0,00	0,000	15,100	0,000	275,480	6588,980	61546,120	-54957,140
1022+0,00	0,000	16,520	0,000	316,240	6588,980	61862,360	-55273,380
1023+0,00	0,000	13,370	0,000	298,870	6588,980	62161,230	-55572,250
1024+0,00	0,000	9,980	0,000	233,410	6588,980	62394,640	-55805,660
1025+0,00	0,000	6,870	0,000	168,410	6588,980	62563,050	-55974,070
1026+0,00	0,000	4,810	0,000	116,720	6588,980	62679,780	-56090,800
1027+0,00	0,000	2,960	0,000	77,630	6588,980	62757,400	-56168,420
1028+0,00	0,000	3,260	0,000	62,150	6588,980	62819,550	-56230,570
1029+0,00	0,000	3,570	0,000	68,280	6588,980	62887,830	-56298,850
1030+0,00	0,000	3,030	0,000	65,990	6588,980	62953,820	-56364,840
1031+0,00	0,000	3,830	0,000	68,570	6588,980	63022,400	-56433,420
1032+0,00	0,000	5,440	0,000	92,660	6588,980	63115,060	-56526,080
1033+0,00	0,000	7,450	0,000	128,880	6588,980	63243,930	-56654,950
1034+0,00	0,000	9,210	0,000	166,550	6588,980	63410,480	-56821,500
1035+0,00	0,000	9,800	0,000	189,980	6588,980	63600,460	-57011,480
1036+0,00	0,000	7,400	0,000	171,960	6588,980	63772,420	-57183,440
1037+0,00	0,000	4,810	0,000	122,060	6588,980	63894,490	-57305,510
1038+0,00	0,000	2,280	0,000	70,910	6588,980	63965,390	-57376,410
1039+0,00	0,000	2,270	0,000	45,510	6588,980	64010,910	-57421,930
1040+0,00	0,000	2,240	0,000	45,080	6588,980	64055,990	-57467,010
1041+0,00	0,000	0,000	0,000	22,400	6588,980	64078,390	-57489,410
1042+0,00	0,080	0,100	0,810	1,020	6589,790	64079,400	-57489,610
1043+0,00	1,350	0,000	14,280	1,020	6604,070	64080,420	-57476,350
1044+0,00	2,510	0,000	38,620	0,000	6642,700	64080,420	-57437,720
1045+0,00	3,030	0,000	55,390	0,000	6698,080	64080,420	-57382,340
1046+0,00	3,410	0,000	64,410	0,000	6762,490	64080,420	-57317,930
1047+0,00	3,590	0,000	70,050	0,000	6832,550	64080,420	-57247,870
1048+0,00	0,000	0,000	35,910	0,000	6868,460	64080,420	-57211,960
1049+0,00	2,120	0,000	21,250	0,000	6889,710	64080,420	-57190,710
1050+0,00	1,150	0,000	32,710	0,000	6922,420	64080,420	-57158,000
1051+0,00	0,230	0,010	13,720	0,100	6936,140	64080,520	-57144,380
1052+0,00	0,000	1,580	2,270	15,870	6938,410	64096,390	-57157,980
1053+0,00	0,000	0,640	0,000	22,150	6938,410	64118,530	-57180,120
1054+0,00	3,950	0,000	39,540	6,380	6977,950	64124,910	-57146,960
1055+0,00	8,880	0,000	128,320	0,000	7106,270	64124,910	-57018,640
1056+0,00	13,740	0,000	226,150	0,000	7332,420	64124,910	-56792,490
1057+0,00	14,890	0,000	286,270	0,000	7618,690	64124,910	-56506,220
1058+0,00	15,050	0,000	299,460	0,000	7918,150	64124,910	-56206,760
1059+0,00	10,680	0,000	257,330	0,000	8175,480	64124,910	-55949,430
1060+0,00	6,020	0,000	166,930	0,000	8342,410	64124,910	-55782,500
1061+0,00	2,700	0,000	87,140	0,000	8429,550	64124,910	-55695,360
1062+0,00	0,120	0,480	28,240	4,840	8457,780	64129,750	-55671,970
1063+0,00	0,000	2,760	1,250	32,480	8459,030	64162,230	-55703,200
1064+0,00	0,000	2,680	0,000	54,460	8459,030	64216,690	-55757,660
1065+0,00	0,000	2,380	0,000	50,610	8459,030	64267,300	-55808,270
1066+0,00	0,000	2,210	0,000	45,840	8459,030	64313,140	-55854,110
1067+0,00	1,130	0,000	11,320	22,050	8470,350	64335,190	-55864,840
1068+0,00	4,190	0,000	53,210	0,000	8523,550	64335,190	-55811,640
1069+0,00	4,430	0,000	86,190	0,000	8609,740	64335,190	-55725,450
1070+0,00	4,170	0,000	85,990	0,000	8695,740	64335,190	-55639,450
1071+0,00	4,040	0,000	82,130	0,000	8777,860	64335,190	-55557,330
1072+0,00	4,440	0,000	84,700	0,000	8862,570	64335,190	-55472,620
1073+0,00	3,020	0,000	74,560	0,000	8937,130	64335,190	-55398,060
1074+0,00	1,780	0,000	48,000	0,000	8985,130	64335,190	-55350,060
1075+0,00	0,020	1,930	17,840	19,530	9002,960	64354,720	-55351,760
1076+0,00	0,000	3,570	0,200	55,040	9003,170	64409,770	-55406,600
1077+0,00	0,000	3,690	0,000	72,630	9003,170	64482,390	-55479,220
1078+0,00	0,000	3,610	0,000	72,970	9003,170	64555,360	-55552,190

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1079+0,00	0,000	3,520	0,000	71,360	9003,170	64626,730	-55623,560
1080+0,00	0,000	3,360	0,000	68,790	9003,170	64695,520	-55692,350
1081+0,00	0,000	3,140	0,000	64,800	9003,170	64760,320	-55757,150
1082+0,00	0,000	3,160	0,000	63,000	9003,170	64823,320	-55820,150
1083+0,00	0,000	2,210	0,000	53,770	9003,170	64877,090	-55873,920
1084+0,00	0,000	2,110	0,000	42,890	9003,170	64919,980	-55916,810
1085+0,00	0,000	2,190	0,000	42,810	9003,170	64962,790	-55959,620
1086+0,00	0,000	3,380	0,000	55,360	9003,170	65018,150	-56014,980
1087+0,00	0,000	4,220	0,000	75,990	9003,170	65094,150	-56090,980
1088+0,00	0,000	4,210	0,000	84,260	9003,170	65178,410	-56175,240
1089+0,00	0,000	2,780	0,000	69,870	9003,170	65248,280	-56245,110
1090+0,00	0,000	2,600	0,000	53,800	9003,170	65302,070	-56298,900
1091+0,00	0,000	3,030	0,000	56,280	9003,170	65358,350	-56355,180
1092+0,00	0,000	3,780	0,000	67,990	9003,170	65426,340	-56423,170
1093+0,00	0,000	3,900	0,000	76,710	9003,170	65503,060	-56499,890
1094+0,00	0,000	4,520	0,000	84,180	9003,170	65587,230	-56584,060
1095+0,00	0,000	4,550	0,000	90,690	9003,170	65677,920	-56674,750
1096+0,00	0,000	4,320	0,000	88,690	9003,170	65766,610	-56763,440
1097+0,00	0,000	4,160	0,000	84,990	9003,170	65851,600	-56848,430
1098+0,00	0,000	3,640	0,000	77,980	9003,170	65929,580	-56926,410
1099+0,00	0,000	3,120	0,000	67,670	9003,170	65997,250	-56994,080
1100+0,00	0,000	3,440	0,000	65,630	9003,170	66062,880	-57059,710
1101+0,00	0,000	4,950	0,000	83,870	9003,170	66146,750	-57143,580
1102+0,00	0,000	3,200	0,000	81,510	9003,170	66228,260	-57225,090
1103+0,00	0,000	3,470	0,000	66,650	9003,170	66294,910	-57291,740
1104+0,00	0,000	2,340	0,000	58,030	9003,170	66352,940	-57349,770
1105+0,00	0,800	0,270	8,020	26,040	9011,190	66378,990	-57367,800
1106+0,00	3,470	0,000	42,690	2,680	9053,880	66381,670	-57327,790
1107+0,00	6,920	0,000	103,840	0,000	9157,720	66381,670	-57223,950
1108+0,00	11,130	0,000	180,440	0,000	9338,160	66381,670	-57043,510
1109+0,00	10,610	0,000	217,790	0,000	9555,940	66381,670	-56825,730
1110+0,00	10,100	0,000	207,070	0,000	9763,010	66381,670	-56618,660
1111+0,00	10,630	0,000	207,300	0,000	9970,320	66381,670	-56411,350
1112+0,00	8,610	0,000	192,460	0,000	10162,770	66381,670	-56218,900
1113+0,00	9,710	0,000	183,230	0,000	10346,010	66381,670	-56035,660
1114+0,00	8,920	0,000	187,980	0,000	10533,990	66381,670	-55847,680
1115+0,00	4,290	0,000	132,040	0,000	10666,030	66381,670	-55715,640
1116+0,00	2,460	0,180	67,450	1,780	10733,480	66383,440	-55649,960
1117+0,00	1,680	0,620	41,330	8,010	10774,810	66391,450	-55616,640
1118+0,00	0,550	0,000	23,290	5,940	10798,100	66397,390	-55599,290
1119+0,00	0,030	3,580	5,760	35,830	10803,860	66433,210	-55629,350
1120+0,00	0,020	3,850	0,470	74,420	10804,330	66507,640	-55703,310
1121+0,00	0,040	3,540	0,550	73,840	10804,890	66581,480	-55776,590
1122+0,00	0,020	3,770	0,560	73,060	10805,450	66654,530	-55849,080
1123+0,00	0,010	4,170	0,250	79,390	10805,700	66733,920	-55928,220
1124+0,00	0,010	4,490	0,200	87,180	10805,900	66821,100	-56015,200
1125+0,00	0,000	5,590	0,130	100,870	10806,030	66921,970	-56115,940
1126+0,00	0,000	6,230	0,000	118,280	10806,030	67040,240	-56234,210
1127+0,00	0,000	4,490	0,000	107,230	10806,030	67147,480	-56341,450
1128+0,00	0,000	3,430	0,000	79,210	10806,030	67226,690	-56420,660
1129+0,00	0,000	9,980	0,000	134,090	10806,030	67360,780	-56554,750
1130+0,00	0,000	6,810	0,000	167,820	10806,030	67528,600	-56722,570
1131+0,00	0,020	2,660	0,230	94,660	10806,260	67623,260	-56817,000
1132+0,00	0,050	2,250	0,720	49,060	10806,980	67672,320	-56865,340
1133+0,00	0,900	1,170	9,390	34,340	10816,370	67706,660	-56890,290
1134+0,00	7,340	0,000	82,370	11,660	10898,740	67718,320	-56819,580
1135+0,00	6,870	0,000	142,050	0,000	11040,790	67718,320	-56677,530
1136+0,00	0,000	0,000	68,700	0,000	11109,490	67718,320	-56608,830
1137+0,00	0,240	2,170	2,330	22,050	11111,820	67740,370	-56628,550
1138+0,00	0,000	4,340	2,390	65,130	11114,210	67805,510	-56691,300
1139+0,00	0,000	5,310	0,000	97,220	11114,210	67902,720	-56788,510
1140+0,00	0,000	5,200	0,000	105,080	11114,210	68007,810	-56893,600
1141+0,00	0,000	5,160	0,000	103,540	11114,210	68111,350	-56997,140
1142+0,00	0,000	4,780	0,000	99,330	11114,210	68210,680	-57096,470

Osvaldo Leonardo da Silva
Diretor Técnico
Projetos e Obras
Secretaria de Obras

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1143+0,00	0,000	4,640	0,000	94,180	11114,210	68304,860	-57190,650
1144+0,00	0,000	3,070	0,000	77,170	11114,210	68382,030	-57267,820
1145+0,00	0,000	3,060	0,000	61,320	11114,210	68443,350	-57329,140
1146+0,00	0,000	2,600	0,000	56,560	11114,210	68499,910	-57385,700
1147+0,00	0,000	1,950	0,000	45,520	11114,210	68545,430	-57431,220
1148+0,00	0,000	2,280	0,000	42,390	11114,210	68587,820	-57473,610
1149+0,00	0,000	1,770	0,000	40,520	11114,210	68628,340	-57514,130
1150+0,00	0,000	1,780	0,000	35,450	11114,210	68663,800	-57549,590
1151+0,00	0,000	1,960	0,000	37,420	11114,210	68701,210	-57587,000
1152+0,00	0,000	2,440	0,000	44,060	11114,210	68745,270	-57631,060
1153+0,00	0,000	3,430	0,000	58,690	11114,210	68803,960	-57689,750
1154+0,00	0,000	3,300	0,000	67,280	11114,210	68871,240	-57757,030
1155+0,00	0,000	3,690	0,000	69,870	11114,210	68941,120	-57826,910
1156+0,00	0,000	4,010	0,000	76,930	11114,210	69018,050	-57903,840
1157+0,00	0,000	3,830	0,000	78,550	11114,210	69096,600	-57982,390
1158+0,00	0,000	4,020	0,000	78,550	11114,210	69175,150	-58060,940
1159+0,00	0,000	3,670	0,000	76,910	11114,210	69252,060	-58137,850
1160+0,00	0,000	3,680	0,000	73,420	11114,210	69325,480	-58211,270
1161+0,00	0,000	3,280	0,000	69,630	11114,210	69395,110	-58280,900
1162+0,00	0,000	2,810	0,000	61,180	11114,210	69456,290	-58342,080
1163+0,00	0,000	2,530	0,000	53,380	11114,210	69509,670	-58395,460
1164+0,00	0,000	2,160	0,000	47,540	11114,210	69557,210	-58443,000
1165+0,00	0,000	2,140	0,000	43,220	11114,210	69600,430	-58486,220
1166+0,00	0,000	1,060	0,000	31,950	11114,210	69632,380	-58518,170
1167+0,00	0,470	0,000	4,680	10,570	11118,890	69642,950	-58524,060
1168+0,00	2,100	0,000	25,620	0,000	11144,510	69642,950	-58498,440
1169+0,00	3,530	0,000	56,280	0,000	11200,790	69642,950	-58442,160
1170+0,00	3,620	0,000	71,480	0,000	11272,270	69642,950	-58370,680
1171+0,00	2,490	0,000	61,090	0,000	11333,370	69642,950	-58309,580
1172+0,00	0,630	0,000	31,190	0,000	11364,560	69642,950	-58278,390
1173+0,00	0,000	2,300	6,260	23,030	11370,820	69665,980	-58295,160
1174+0,00	0,000	5,360	0,000	76,640	11370,820	69742,620	-58371,800
1175+0,00	0,000	5,310	0,000	106,690	11370,820	69849,310	-58478,490
1176+0,00	0,000	4,520	0,000	98,290	11370,820	69947,590	-58576,770
1177+0,00	0,000	2,590	0,000	71,120	11370,820	70018,720	-58647,900
1178+0,00	0,070	0,580	0,670	31,730	11371,490	70050,450	-58678,960
1179+0,00	0,160	0,260	2,250	8,380	11373,740	70058,830	-58685,090
1180+0,00	0,080	0,500	2,380	7,610	11376,110	70066,440	-58690,330
1181+0,00	0,000	3,110	0,800	36,180	11376,910	70102,620	-58725,710
1182+0,00	0,000	6,660	0,000	97,700	11376,910	70200,320	-58823,410
1183+0,00	0,000	10,060	0,000	167,120	11376,910	70367,440	-58990,530
1184+0,00	0,000	13,970	0,000	240,270	11376,910	70607,710	-59230,800
1185+0,00	0,000	16,890	0,000	308,600	11376,910	70916,320	-59539,410
1186+0,00	0,000	16,730	0,000	336,190	11376,910	71252,500	-59875,590
1187+0,00	0,000	13,840	0,000	305,700	11376,910	71558,210	-60181,300
1188+0,00	0,000	9,300	0,000	231,430	11376,910	71789,630	-60412,720
1189+0,00	0,000	5,330	0,000	146,330	11376,910	71935,960	-60559,050
1190+0,00	0,000	2,140	0,000	74,740	11376,910	72010,700	-60633,790
1191+0,00	0,170	0,040	1,720	21,830	11378,640	72032,530	-60653,890
1192+0,00	0,340	0,230	5,120	2,700	11383,750	72035,240	-60651,490
1193+0,00	0,000	2,370	3,390	26,040	11387,140	72061,270	-60674,130
1194+0,00	0,170	0,830	1,650	32,010	11388,800	72093,280	-60704,480
1195+0,00	0,000	1,690	1,680	25,170	11390,470	72118,450	-60727,980
1196+0,00	0,000	3,950	0,030	56,350	11390,500	72174,800	-60784,300
1197+0,00	0,000	6,740	0,000	106,910	11390,500	72281,710	-60891,210
1198+0,00	0,000	10,150	0,000	168,960	11390,500	72450,670	-61060,170
1199+0,00	0,000	11,830	0,000	219,850	11390,500	72670,520	-61280,020
1200+0,00	0,000	13,740	0,000	255,780	11390,500	72926,300	-61535,800
1201+0,00	0,000	14,350	0,000	280,970	11390,500	73207,270	-61816,770
1202+0,00	0,000	13,470	0,000	278,260	11390,500	73485,530	-62095,030
1203+0,00	0,000	12,090	0,000	255,620	11390,500	73741,150	-62350,650
1204+0,00	0,000	10,020	0,000	221,030	11390,500	73962,190	-62571,690
1205+0,00	0,000	7,870	0,000	178,860	11390,500	74141,040	-62750,540
1206+0,00	0,000	6,990	0,000	148,580	11390,500	74289,630	-62899,130

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1207+0,00	0,000	3,980	0,000	109,650	11390,500	74399,270	-63008,770
1208+0,00	0,020	1,140	0,200	51,140	11390,690	74450,410	-63059,720
1209+0,00	2,020	0,000	20,430	11,360	11411,120	74461,770	-63050,650
1210+0,00	4,200	0,000	62,280	0,000	11473,410	74461,770	-62988,360
1211+0,00	5,200	0,000	94,030	0,000	11567,440	74461,770	-62894,330
1212+0,00	5,320	0,000	105,220	0,000	11672,660	74461,770	-62789,110
1213+0,00	1,940	0,000	72,600	0,000	11745,260	74461,770	-62716,510
1214+0,00	0,000	1,390	19,360	13,920	11764,620	74475,700	-62711,080
1215+0,00	0,000	2,820	0,000	42,130	11764,620	74517,830	-62753,210
1216+0,00	0,000	3,360	0,000	61,780	11764,620	74579,610	-62814,990
1217+0,00	0,000	3,190	0,000	65,440	11764,620	74645,050	-62880,430
1218+0,00	0,000	2,370	0,000	55,580	11764,620	74700,630	-62936,010
1219+0,00	0,040	0,140	0,440	25,110	11765,070	74725,740	-62960,670
1220+0,00	0,000	3,360	0,440	35,000	11765,510	74760,740	-62995,230
1221+0,00	0,000	8,530	0,000	118,880	11765,510	74879,620	-63114,110
1222+0,00	0,000	11,610	0,000	201,410	11765,510	75081,040	-63315,530
1223+0,00	0,000	14,090	0,000	257,030	11765,510	75338,070	-63572,560
1224+0,00	0,000	15,140	0,000	292,270	11765,510	75630,340	-63864,830
1225+0,00	0,000	14,060	0,000	291,980	11765,510	75922,320	-64156,810
1226+0,00	0,000	11,350	0,000	254,070	11765,510	76176,380	-64410,870
1227+0,00	0,000	8,850	0,000	201,970	11765,510	76378,350	-64612,840
1228+0,00	0,000	6,560	0,000	154,110	11765,510	76532,470	-64766,960
1229+0,00	0,000	3,700	0,000	102,580	11765,510	76635,050	-64869,540
1230+0,00	0,000	1,160	0,000	48,600	11765,510	76683,650	-64918,140
1231+0,00	1,710	0,000	17,150	11,620	11782,660	76695,270	-64912,610
1232+0,00	4,700	0,000	64,160	0,000	11846,810	76695,270	-64848,460
1233+0,00	7,210	0,000	119,140	0,000	11965,950	76695,270	-64729,320
1234+0,00	6,230	0,000	134,410	0,000	12100,360	76695,270	-64594,910
1235+0,00	3,790	0,000	100,160	0,000	12200,520	76695,270	-64494,750
1236+0,00	1,200	0,000	49,850	0,000	12250,370	76695,270	-64444,900
1237+0,00	0,000	1,640	11,980	16,400	12262,350	76711,670	-64449,320
1238+0,00	0,000	0,000	0,000	16,400	12262,350	76728,060	-64465,710
1239+0,00	0,000	0,000	0,000	0,000	12262,350	76728,060	-64465,710
1240+0,00	0,000	8,240	0,000	82,430	12262,350	76810,500	-64548,150
1241+0,00	0,000	9,350	0,000	175,950	12262,350	76986,450	-64724,100
1242+0,00	0,000	11,470	0,000	208,250	12262,350	77194,690	-64932,340
1243+0,00	0,000	10,760	0,000	222,380	12262,350	77417,070	-65154,720
1244+0,00	0,000	10,590	0,000	213,570	12262,350	77630,640	-65368,290
1245+0,00	0,000	7,400	0,000	179,910	12262,350	77810,550	-65548,200
1246+0,00	0,000	5,480	0,000	128,750	12262,350	77939,310	-65676,960
1247+0,00	0,000	3,480	0,000	89,540	12262,350	78028,840	-65766,490
1248+0,00	0,000	1,530	0,000	50,120	12262,350	78078,960	-65816,610
1249+0,00	0,050	0,110	0,460	16,460	12262,810	78095,420	-65832,610
1250+0,00	0,480	0,000	5,280	1,110	12268,080	78096,530	-65828,450
1251+0,00	0,030	0,450	5,100	4,540	12273,180	78101,070	-65827,890
1252+0,00	0,000	2,280	0,280	27,320	12273,470	78128,390	-65854,920
1253+0,00	0,000	0,870	0,000	31,500	12273,470	78159,890	-65886,420
1254+0,00	0,390	0,000	3,940	8,730	12277,410	78168,620	-65891,210
1255+0,00	1,020	0,000	14,160	0,000	12291,570	78168,620	-65877,050
1256+0,00	0,000	0,650	10,220	6,470	12301,790	78175,090	-65873,300
1257+0,00	0,000	1,670	0,000	23,180	12301,790	78198,270	-65896,480
1258+0,00	0,980	0,000	9,820	16,710	12311,600	78214,980	-65903,380
1259+0,00	0,130	0,280	11,090	2,830	12322,700	78217,810	-65895,110
1260+0,00	0,000	1,440	1,280	17,250	12323,980	78235,060	-65911,080
1261+0,00	0,000	2,430	0,000	38,730	12323,980	78273,790	-65949,810
1262+0,00	0,000	3,440	0,000	58,730	12323,980	78332,520	-66008,540
1263+0,00	0,000	1,990	0,000	54,340	12323,980	78386,860	-66062,880
1264+0,00	0,160	0,230	1,600	22,180	12325,570	78409,040	-66083,470
1265+0,00	2,090	0,000	22,470	2,260	12348,050	78411,300	-66063,250
1266+0,00	2,530	0,000	46,170	0,000	12394,210	78411,300	-66017,090
1267+0,00	0,340	0,000	28,690	0,000	12422,900	78411,300	-65988,400
1268+0,00	0,000	1,710	3,390	17,060	12426,290	78428,370	-66002,080
1269+0,00	0,000	4,330	0,000	60,350	12426,290	78488,710	-66062,420
1270+0,00	0,000	6,570	0,000	108,990	12426,290	78597,700	-66171,410

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1271+0,00	0,000	7,160	0,000	137,280	12426,290	78734,980	-66308,690
1272+0,00	0,000	3,800	0,000	109,540	12426,290	78844,520	-66418,230
1273+0,00	0,000	3,910	0,000	77,080	12426,290	78921,600	-66495,310
1274+0,00	0,000	4,330	0,000	82,450	12426,290	79004,050	-66577,760
1275+0,00	0,000	3,160	0,000	74,920	12426,290	79078,970	-66652,680
1276+0,00	0,000	1,820	0,000	49,800	12426,290	79128,770	-66702,480
1277+0,00	0,000	1,460	0,000	32,780	12426,290	79161,550	-66735,260
1278+0,00	0,000	1,980	0,000	34,400	12426,290	79195,950	-66769,660
1279+0,00	0,000	2,520	0,000	45,000	12426,290	79240,950	-66814,660
1280+0,00	0,000	2,000	0,000	45,170	12426,290	79286,130	-66859,840
1281+0,00	0,830	0,000	8,350	19,990	12434,640	79306,120	-66871,480
1282+0,00	1,660	0,000	24,990	0,000	12459,630	79306,120	-66846,490
1283+0,00	1,210	0,000	28,790	0,000	12488,420	79306,120	-66817,700
1284+0,00	0,000	3,840	12,140	38,380	12500,560	79344,500	-66843,940
1285+0,00	0,000	8,170	0,000	120,130	12500,560	79464,620	-66964,060
1286+0,00	0,000	12,340	0,000	205,180	12500,560	79669,800	-67169,240
1287+0,00	0,000	15,160	0,000	275,030	12500,560	79944,830	-67444,270
1288+0,00	0,000	16,570	0,000	317,320	12500,560	80262,150	-67761,590
1289+0,00	0,000	16,560	0,000	331,360	12500,560	80593,510	-68092,950
1290+0,00	0,000	14,300	0,000	308,690	12500,560	80902,190	-68401,630
1291+0,00	0,000	11,120	0,000	254,250	12500,560	81156,440	-68655,880
1292+0,00	0,000	8,210	0,000	193,310	12500,560	81349,750	-68849,190
1293+0,00	0,000	5,410	0,000	136,200	12500,560	81485,960	-68985,400
1294+0,00	0,000	3,360	0,000	87,650	12500,560	81573,610	-69073,050
1295+0,00	0,000	4,950	0,000	83,020	12500,560	81656,630	-69156,070
1296+0,00	0,000	6,050	0,000	109,950	12500,560	81766,570	-69266,010
1297+0,00	0,000	5,020	0,000	110,740	12500,560	81877,310	-69376,750
1298+0,00	0,000	2,100	0,000	71,220	12500,560	81948,530	-69447,970
1299+0,00	0,010	1,210	0,150	33,110	12500,710	81981,640	-69480,930
1300+0,00	0,000	2,620	0,150	38,280	12500,860	82019,920	-69519,060
1301+0,00	0,000	3,540	0,000	61,520	12500,860	82081,440	-69580,580
1302+0,00	0,000	5,020	0,000	85,530	12500,860	82166,970	-69666,110
1303+0,00	0,000	7,980	0,000	130,010	12500,860	82296,970	-69796,110
1304+0,00	0,000	11,900	0,000	198,880	12500,860	82495,850	-69994,990
1305+0,00	0,000	14,200	0,000	261,010	12500,860	82756,860	-70256,000
1306+0,00	0,000	13,740	0,000	279,410	12500,860	83036,270	-70535,410
1307+0,00	0,000	9,470	0,000	232,110	12500,860	83268,380	-70767,520
1308+0,00	0,000	2,690	0,000	121,600	12500,860	83389,980	-70889,120
1309+0,00	0,000	4,930	0,000	76,280	12500,860	83466,260	-70965,400
1310+0,00	0,000	5,000	0,000	99,380	12500,860	83565,640	-71064,780
1311+0,00	0,000	4,550	0,000	95,550	12500,860	83661,180	-71160,320
1312+0,00	0,000	2,080	0,000	66,330	12500,860	83727,510	-71226,650
1313+0,00	0,170	0,400	1,720	24,770	12502,580	83752,280	-71249,700
1314+0,00	0,130	0,000	3,040	3,960	12505,620	83756,250	-71250,630
1315+0,00	0,030	0,910	1,590	9,100	12507,220	83765,340	-71258,120
1316+0,00	0,000	3,840	0,270	47,480	12507,490	83812,820	-71305,330
1317+0,00	0,000	4,060	0,000	78,990	12507,490	83891,820	-71384,330
1318+0,00	0,000	2,760	0,000	68,130	12507,490	83959,950	-71452,460
1319+0,00	0,000	2,680	0,000	54,310	12507,490	84014,250	-71506,760
1320+0,00	0,000	2,320	0,000	50,020	12507,490	84064,270	-71556,780
1321+0,00	0,000	1,970	0,000	42,860	12507,490	84107,130	-71599,640
1322+0,00	0,170	0,900	1,720	28,710	12509,210	84135,830	-71626,620
1323+0,00	0,620	0,170	7,880	10,690	12517,090	84146,520	-71629,430
1324+0,00	0,140	0,710	7,550	8,720	12524,630	84155,240	-71630,610
1325+0,00	0,000	2,360	1,380	30,620	12526,020	84185,860	-71659,840
1326+0,00	0,000	2,840	0,000	51,930	12526,020	84237,790	-71711,770
1327+0,00	0,000	2,880	0,000	57,190	12526,020	84294,980	-71768,960
1328+0,00	0,000	3,290	0,000	61,690	12526,020	84356,670	-71830,650
1329+0,00	0,000	3,250	0,000	65,340	12526,020	84422,010	-71895,990
1330+0,00	0,000	3,410	0,000	66,560	12526,020	84488,570	-71962,550
1331+0,00	0,000	3,430	0,000	68,400	12526,020	84556,970	-72030,950
1332+0,00	0,000	3,000	0,000	64,340	12526,020	84621,320	-72095,300
1333+0,00	0,000	3,530	0,000	65,300	12526,020	84686,610	-72160,590
1334+0,00	0,000	3,650	0,000	71,810	12526,020	84758,430	-72232,410

Osvaldo Leonardo
Diretor de
Projetos e
Secretário

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1335+0,00	0,000	4,460	0,000	81,170	12526,020	84839,600	-72313,580
1336+0,00	0,000	5,120	0,000	95,810	12526,020	84935,410	-72409,390
1337+0,00	0,000	4,620	0,000	97,370	12526,020	85032,770	-72506,750
1338+0,00	0,000	2,840	0,000	74,590	12526,020	85107,370	-72581,350
1339+0,00	0,000	2,370	0,000	52,100	12526,020	85159,470	-72633,450
1340+0,00	0,000	2,460	0,000	48,420	12526,020	85207,890	-72681,870
1341+0,00	0,000	2,850	0,000	53,020	12526,020	85260,910	-72734,890
1342+0,00	0,000	2,990	0,000	58,030	12526,020	85318,930	-72792,910
1343+0,00	0,000	4,920	0,000	78,850	12526,020	85397,790	-72871,770
1344+0,00	0,000	9,120	0,000	140,450	12526,020	85538,230	-73012,210
1345+0,00	0,000	0,000	0,000	91,250	12526,020	85629,480	-73103,460
1346+0,00	0,000	14,500	0,000	144,960	12526,020	85774,450	-73248,430
1347+0,00	0,000	9,500	0,000	240,000	12526,020	86014,450	-73488,430
1348+0,00	0,000	4,520	0,000	140,280	12526,020	86154,730	-73628,710
1349+0,00	0,000	2,690	0,000	72,160	12526,020	86226,890	-73700,870
1350+0,00	0,000	2,360	0,000	50,510	12526,020	86277,410	-73751,390
1351+0,00	0,000	2,560	0,000	49,170	12526,020	86326,570	-73800,550
1352+0,00	0,000	2,670	0,000	52,220	12526,020	86378,800	-73852,780
1353+0,00	0,000	1,340	0,000	40,090	12526,020	86418,880	-73892,860
1354+0,00	0,000	0,970	0,000	23,100	12526,020	86441,990	-73915,970
1355+0,00	0,000	1,080	0,000	20,520	12526,020	86462,500	-73936,480
1356+0,00	0,000	2,160	0,000	32,450	12526,020	86494,950	-73968,930
1357+0,00	0,000	3,170	0,000	53,260	12526,020	86548,210	-74022,190
1358+0,00	0,000	2,920	0,000	60,810	12526,020	86609,030	-74083,010
1359+0,00	0,000	3,050	0,000	59,630	12526,020	86668,660	-74142,640
1360+0,00	0,000	2,760	0,000	58,110	12526,020	86726,760	-74200,740
1361+0,00	0,000	2,480	0,000	52,410	12526,020	86779,170	-74253,150
1362+0,00	0,000	2,590	0,000	50,660	12526,020	86829,840	-74303,820
1363+0,00	0,110	0,370	1,120	29,590	12527,140	86859,430	-74332,290
1364+0,00	0,000	1,510	1,120	18,770	12528,260	86878,190	-74349,930
1365+0,00	0,000	1,720	0,000	32,230	12528,260	86910,430	-74382,170
1366+0,00	0,000	1,380	0,000	30,980	12528,260	86941,410	-74413,150
1367+0,00	0,000	2,910	0,000	42,870	12528,260	86984,270	-74456,010
1368+0,00	0,000	2,250	0,000	51,530	12528,260	87035,810	-74507,550
1369+0,00	0,000	3,150	0,000	53,970	12528,260	87089,780	-74561,520
1370+0,00	0,000	2,720	0,000	58,680	12528,260	87148,460	-74620,200
1371+0,00	0,000	2,830	0,000	55,510	12528,260	87203,960	-74675,700
1372+0,00	0,000	1,870	0,000	47,000	12528,260	87250,960	-74722,700
1373+0,00	0,000	2,210	0,000	40,810	12528,260	87291,770	-74763,510
1374+0,00	0,000	2,040	0,000	42,580	12528,260	87334,350	-74806,090
1375+0,00	0,000	1,690	0,000	37,350	12528,260	87371,700	-74843,440
1376+0,00	0,000	1,310	0,000	30,010	12528,260	87401,710	-74873,450
1377+0,00	0,000	1,780	0,000	30,860	12528,260	87432,560	-74904,300
1378+0,00	0,000	2,440	0,000	42,110	12528,260	87474,680	-74946,420
1379+0,00	0,000	3,140	0,000	55,710	12528,260	87530,380	-75002,120
1380+0,00	0,000	3,010	0,000	61,470	12528,260	87591,850	-75063,590
1381+0,00	0,000	2,800	0,000	58,150	12528,260	87650,000	-75121,740
1382+0,00	0,000	2,560	0,000	53,610	12528,260	87703,610	-75175,350
1383+0,00	0,000	2,730	0,000	52,830	12528,260	87756,440	-75228,180
1384+0,00	0,000	2,300	0,000	50,260	12528,260	87806,700	-75278,440
1385+0,00	0,000	1,490	0,000	37,860	12528,260	87844,560	-75316,300
1386+0,00	0,000	1,260	0,010	27,470	12528,270	87872,030	-75343,760
1387+0,00	0,010	1,130	0,130	23,960	12528,410	87895,990	-75367,580
1388+0,00	0,000	1,580	0,120	27,150	12528,520	87923,140	-75394,620
1389+0,00	0,000	2,970	0,000	45,520	12528,520	87968,660	-75440,140
1390+0,00	0,000	3,030	0,000	60,040	12528,520	88028,700	-75500,180
1391+0,00	0,000	3,110	0,000	61,420	12528,520	88090,120	-75561,600
1392+0,00	0,000	2,860	0,000	59,660	12528,520	88149,780	-75621,260
1393+0,00	0,000	2,790	0,000	56,490	12528,520	88206,270	-75677,750
1394+0,00	0,000	3,290	0,000	60,780	12528,520	88267,060	-75738,540
1395+0,00	0,000	2,710	0,000	59,960	12528,520	88327,020	-75798,500
1396+0,00	0,000	3,220	0,000	59,280	12528,520	88386,290	-75857,770
1397+0,00	0,000	3,930	0,000	71,450	12528,520	88457,750	-75929,230
1398+0,00	0,000	2,910	0,000	68,380	12528,520	88526,130	-75997,610

Osvaldo Leoncio da Silva Filho
Diretoria de Projetos
Projetos Obras - DAER
Secretaria de Estado de Infra

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1399+0,00	0,000	2,840	0,000	57,450	12528,520	88583,590	-76055,070
1400+0,00	0,000	2,660	0,000	54,920	12528,520	88638,500	-76109,980
1401+0,00	0,000	2,850	0,000	55,090	12528,520	88693,600	-76165,080
1402+0,00	0,000	2,900	0,000	57,540	12528,520	88751,140	-76222,620
1403+0,00	0,000	2,810	0,000	57,060	12528,520	88808,200	-76279,680
1404+0,00	0,000	3,110	0,000	59,180	12528,520	88867,390	-76338,870
1405+0,00	0,000	3,480	0,000	65,940	12528,520	88933,330	-76404,810
1406+0,00	0,000	3,260	0,000	67,380	12528,520	89000,710	-76472,190
1407+0,00	0,000	3,390	0,000	66,440	12528,520	89067,150	-76538,630
1408+0,00	0,000	5,240	0,000	86,300	12528,520	89153,450	-76624,930
1409+0,00	0,000	4,990	0,000	102,370	12528,520	89255,820	-76727,300
1410+0,00	0,000	3,040	0,000	80,320	12528,520	89336,140	-76807,620
1411+0,00	0,000	2,010	0,000	50,440	12528,520	89386,580	-76858,060
1412+0,00	0,000	0,960	0,000	29,650	12528,520	89416,230	-76887,710
1413+0,00	0,000	1,240	0,000	21,990	12528,520	89438,220	-76909,700
1414+0,00	0,000	2,620	0,000	38,610	12528,520	89476,830	-76948,310
1415+0,00	0,000	3,310	0,000	59,300	12528,520	89536,130	-77007,610
1416+0,00	0,000	3,530	0,000	68,360	12528,520	89604,480	-77075,960
1417+0,00	0,000	3,460	0,000	69,910	12528,520	89674,400	-77145,880
1418+0,00	0,000	3,300	0,000	67,640	12528,520	89742,040	-77213,520
1419+0,00	0,000	3,400	0,000	66,970	12528,520	89809,010	-77280,490
1420+0,00	0,000	2,960	0,000	63,530	12528,520	89872,530	-77344,010
1421+0,00	0,000	3,110	0,000	60,620	12528,520	89933,150	-77404,630
1422+0,00	0,000	3,740	0,000	68,420	12528,520	90001,580	-77473,060
1423+0,00	0,000	5,730	0,000	94,690	12528,520	90096,270	-77567,750
1424+0,00	0,000	4,160	0,000	98,930	12528,520	90195,200	-77666,680
1425+0,00	0,000	2,280	0,000	64,400	12528,520	90259,590	-77731,070
1426+0,00	0,070	0,300	0,730	25,840	12529,250	90285,430	-77756,180
1427+0,00	1,810	0,000	18,830	3,050	12548,090	90288,480	-77740,390
1428+0,00	0,910	0,000	27,180	0,000	12575,270	90288,480	-77713,210
1429+0,00	0,000	1,800	9,070	18,030	12584,340	90306,510	-77722,170
1430+0,00	0,000	1,910	0,000	37,090	12584,340	90343,600	-77759,260
1431+0,00	0,000	2,210	0,000	41,200	12584,340	90384,810	-77800,470
1432+0,00	0,000	3,870	0,000	60,840	12584,340	90445,650	-77861,310
1433+0,00	0,000	5,760	0,000	96,300	12584,340	90541,950	-77957,610
1434+0,00	0,000	7,120	0,000	128,820	12584,340	90670,770	-78086,430
1435+0,00	0,000	6,780	0,000	138,990	12584,340	90809,760	-78225,420
1436+0,00	0,000	3,480	0,000	102,600	12584,340	90912,360	-78328,020
1437+0,00	0,000	3,690	0,000	71,730	12584,340	90984,090	-78399,750
1438+0,00	0,000	3,390	0,000	70,760	12584,340	91054,850	-78470,510
1439+0,00	0,000	3,060	0,000	64,450	12584,340	91119,300	-78534,960
1440+0,00	0,000	2,950	0,000	60,070	12584,340	91179,370	-78595,030
1441+0,00	0,000	3,220	0,000	61,640	12584,340	91241,010	-78656,670
1442+0,00	0,000	3,390	0,000	66,010	12584,340	91307,030	-78722,690
1443+0,00	0,000	3,230	0,000	66,190	12584,340	91373,220	-78788,880
1444+0,00	0,000	3,310	0,000	65,410	12584,340	91438,630	-78854,290
1445+0,00	0,000	3,300	0,000	66,090	12584,340	91504,720	-78920,380
1446+0,00	0,000	3,270	0,000	65,760	12584,340	91570,480	-78986,140
1447+0,00	0,000	3,400	0,000	66,740	12584,340	91637,210	-79052,870
1448+0,00	0,000	3,420	0,000	68,200	12584,340	91705,420	-79121,080
1449+0,00	0,000	0,000	0,000	34,240	12584,340	91739,660	-79155,320
1450+0,00	0,000	2,700	0,000	27,080	12584,340	91766,740	-79182,400
1451+0,00	0,000	3,340	0,000	60,550	12584,340	91827,290	-79242,950
1452+0,00	0,000	3,550	0,000	69,150	12584,340	91896,440	-79312,100
1453+0,00	0,000	3,460	0,000	70,110	12584,340	91966,550	-79382,210
1454+0,00	0,000	3,460	0,000	69,250	12584,340	92035,800	-79451,460
1455+0,00	0,000	3,040	0,000	65,030	12584,340	92100,840	-79516,500
1456+0,00	0,000	3,410	0,000	64,470	12584,340	92165,300	-79580,960
1457+0,00	0,000	3,470	0,000	68,720	12584,340	92234,020	-79649,680
1458+0,00	0,000	7,700	0,000	111,680	12584,340	92345,700	-79761,360
1459+0,00	0,000	11,290	0,000	189,910	12584,340	92535,610	-79951,270
1460+0,00	0,000	13,980	0,000	252,690	12584,340	92788,300	-80203,960
1461+0,00	0,000	15,170	0,000	291,470	12584,340	93079,770	-80495,430
1462+0,00	0,000	14,150	0,000	293,160	12584,340	93372,940	-80788,600

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1463+0,00	0,000	8,450	0,000	225,940	12584,340	93598,880	-81014,540
1464+0,00	0,000	4,920	0,000	133,670	12584,340	93732,540	-81148,200
1465+0,00	0,000	3,100	0,000	80,210	12584,340	93812,750	-81228,410
1466+0,00	0,000	2,920	0,000	60,390	12584,340	93873,140	-81288,800
1467+0,00	0,390	0,920	3,910	38,380	12588,250	93911,520	-81323,270
1468+0,00	2,660	0,000	30,480	9,180	12618,730	93920,700	-81301,970
1469+0,00	4,050	0,000	67,090	0,000	12685,820	93920,700	-81234,880
1470+0,00	1,050	0,080	51,070	0,810	12736,880	93921,510	-81184,630
1471+0,00	0,150	0,660	12,080	7,420	12748,970	93928,930	-81179,960
1472+0,00	0,000	3,290	1,540	39,490	12750,510	93968,420	-81217,910
1473+0,00	0,000	3,280	0,000	65,760	12750,510	94034,180	-81283,670
1474+0,00	0,000	2,330	0,000	56,110	12750,510	94090,290	-81339,780
1475+0,00	0,000	2,790	0,000	51,270	12750,510	94141,570	-81391,060
1476+0,00	0,000	0,000	0,000	27,940	12750,510	94169,500	-81418,990
1477+0,00	0,000	3,460	0,000	34,630	12750,510	94204,130	-81453,620
1478+0,00	0,000	3,630	0,000	70,890	12750,510	94275,030	-81524,520
1479+0,00	0,000	5,030	0,000	86,550	12750,510	94361,570	-81611,060
1480+0,00	0,000	5,380	0,000	104,050	12750,510	94465,620	-81715,110
1481+0,00	0,000	3,910	0,000	92,860	12750,510	94558,480	-81807,970
1482+0,00	0,000	2,600	0,000	65,070	12750,510	94623,540	-81873,030
1483+0,00	0,000	2,510	0,000	51,030	12750,510	94674,570	-81924,060
1484+0,00	0,000	3,050	0,000	55,660	12750,510	94730,220	-81979,710
1485+0,00	0,000	2,760	0,000	58,050	12750,510	94788,280	-82037,770
1486+0,00	0,000	2,870	0,000	56,460	12750,510	94844,730	-82094,220
1487+0,00	0,000	2,900	0,000	57,670	12750,510	94902,410	-82151,900
1488+0,00	0,000	2,810	0,000	57,110	12750,510	94959,520	-82209,010
1489+0,00	0,000	2,540	0,000	53,490	12750,510	95013,010	-82262,500
1490+0,00	0,000	2,830	0,000	53,650	12750,510	95066,660	-82316,150
1491+0,00	0,000	1,930	0,000	47,630	12750,510	95114,290	-82363,780
1492+0,00	0,880	0,000	8,830	19,340	12759,340	95133,630	-82374,290
1493+0,00	3,630	0,000	45,110	0,000	12804,450	95133,630	-82329,180
1494+0,00	0,000	2,090	36,280	20,920	12840,730	95154,540	-82313,810
1495+0,00	0,000	0,000	0,000	20,830	12840,730	95175,380	-82334,650
1496+0,00	0,000	4,340	0,000	43,280	12840,730	95218,660	-82377,930
1497+0,00	0,000	5,510	0,000	98,450	12840,730	95317,110	-82476,380
1498+0,00	0,000	6,530	0,000	120,410	12840,730	95437,520	-82596,790
1499+0,00	0,000	4,840	0,000	113,730	12840,730	95551,250	-82710,520
1500+0,00	0,000	3,740	0,000	85,830	12840,730	95637,080	-82796,350
1501+0,00	0,000	5,380	0,000	91,200	12840,730	95728,280	-82887,550
1502+0,00	0,000	4,380	0,000	97,420	12840,730	95825,700	-82984,970
1503+0,00	0,000	2,940	0,000	73,320	12840,730	95899,020	-83058,290
1504+0,00	0,000	3,130	0,000	60,890	12840,730	95959,920	-83119,190
1505+0,00	0,000	3,000	0,000	61,290	12840,730	96021,210	-83180,480
1506+0,00	0,000	2,570	0,000	56,110	12840,730	96077,320	-83236,590
1507+0,00	0,000	1,960	0,000	45,360	12840,730	96122,680	-83281,950
1508+0,00	0,010	1,020	0,080	29,700	12840,820	96152,390	-83311,570
1509+0,00	0,000	1,750	0,080	27,640	12840,900	96180,030	-83339,130
1510+0,00	0,000	2,770	0,000	45,160	12840,900	96225,190	-83384,290
1511+0,00	0,000	2,320	0,000	50,680	12840,900	96275,870	-83434,970
1512+0,00	0,000	2,230	0,000	45,380	12840,900	96321,250	-83480,350
1513+0,00	0,000	1,650	0,000	38,820	12840,900	96360,060	-83519,160
1514+0,00	0,000	1,710	0,000	33,570	12840,900	96393,630	-83552,730
1515+0,00	0,000	2,010	0,000	37,070	12840,900	96430,700	-83589,800
1516+0,00	0,000	2,140	0,000	41,350	12840,900	96472,050	-83631,150
1517+0,00	0,000	2,350	0,000	44,890	12840,900	96516,940	-83676,040
1518+0,00	0,000	2,790	0,000	51,360	12840,900	96568,300	-83727,400
1519+0,00	0,020	1,100	0,210	38,910	12841,110	96607,220	-83766,110
1520+0,00	0,080	0,900	1,030	19,950	12842,140	96627,170	-83785,030
1521+0,00	0,070	1,020	1,460	19,270	12843,590	96646,440	-83802,850
1522+0,00	0,000	2,270	0,660	32,920	12844,260	96679,360	-83835,100
1523+0,00	0,000	2,230	0,000	44,990	12844,260	96724,340	-83880,080
1524+0,00	0,240	0,920	2,440	31,500	12846,690	96755,840	-83909,150
1525+0,00	0,010	2,130	2,570	30,530	12849,260	96786,370	-83937,110
1526+0,00	0,000	2,940	0,130	50,720	12849,390	96837,090	-83987,700

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1527+0,00	0,000	4,170	0,000	71,090	12849,390	96908,180	-84058,790
1528+0,00	0,000	5,150	0,000	93,150	12849,390	97001,330	-84151,940
1529+0,00	0,000	6,320	0,000	114,640	12849,390	97115,980	-84266,590
1530+0,00	0,000	4,820	0,000	111,320	12849,390	97227,300	-84377,910
1531+0,00	0,000	2,970	0,000	77,810	12849,390	97305,110	-84455,720
1532+0,00	0,000	2,350	0,000	53,190	12849,390	97358,300	-84508,910
1533+0,00	0,000	2,810	0,000	51,430	12849,390	97409,730	-84560,340
1534+0,00	0,000	2,200	0,000	50,150	12849,390	97459,880	-84610,490
1535+0,00	0,000	2,660	0,000	48,570	12849,390	97508,460	-84659,070
1536+0,00	0,000	3,110	0,000	57,760	12849,390	97566,220	-84716,830
1537+0,00	0,000	2,980	0,000	60,910	12849,390	97627,130	-84777,740
1538+0,00	0,000	3,040	0,000	60,180	12849,390	97687,310	-84837,920
1539+0,00	0,000	2,990	0,000	60,290	12849,390	97747,600	-84898,210
1540+0,00	0,000	2,700	0,000	56,880	12849,390	97804,480	-84955,090
1541+0,00	0,000	2,810	0,000	55,120	12849,390	97859,610	-85010,220
1542+0,00	0,000	2,550	0,000	53,580	12849,390	97913,190	-85063,800
1543+0,00	0,000	2,440	0,000	49,930	12849,390	97963,110	-85113,720
1544+0,00	0,000	2,280	0,000	47,200	12849,390	98010,310	-85160,920
1545+0,00	0,000	2,380	0,000	46,600	12849,390	98056,900	-85207,510
1546+0,00	0,000	2,510	0,000	48,930	12849,390	98105,840	-85256,450
1547+0,00	0,000	2,970	0,000	54,860	12849,390	98160,700	-85311,310
1548+0,00	0,000	2,190	0,000	51,670	12849,390	98212,370	-85362,980
1549+0,00	0,000	2,280	0,000	44,760	12849,390	98257,130	-85407,740
1550+0,00	0,000	2,450	0,000	47,350	12849,390	98304,480	-85455,090
1551+0,00	0,000	2,810	0,000	52,510	12849,390	98356,990	-85507,600
1552+0,00	0,000	2,700	0,000	55,080	12849,390	98412,070	-85562,680
1553+0,00	0,000	2,810	0,000	55,100	12849,390	98467,170	-85617,780
1554+0,00	0,000	3,050	0,000	58,550	12849,390	98525,720	-85676,330
1555+0,00	0,000	3,050	0,000	60,990	12849,390	98586,710	-85737,320
1556+0,00	0,000	3,080	0,000	61,300	12849,390	98648,010	-85798,620
1557+0,00	0,000	3,470	0,000	65,500	12849,390	98713,510	-85864,120
1558+0,00	0,000	3,640	0,000	71,130	12849,390	98784,640	-85935,250
1559+0,00	0,000	3,070	0,000	67,050	12849,390	98851,690	-86002,300
1560+0,00	0,000	2,650	0,000	57,190	12849,390	98908,880	-86059,490
1561+0,00	0,000	2,140	0,000	47,930	12849,390	98956,800	-86107,410
1562+0,00	0,000	2,540	0,000	46,830	12849,390	99003,630	-86154,240
1563+0,00	0,000	2,460	0,000	49,900	12849,390	99053,540	-86204,150
1564+0,00	0,000	2,620	0,000	50,730	12849,390	99104,270	-86254,880
1565+0,00	0,000	2,800	0,000	54,210	12849,390	99158,480	-86309,090
1566+0,00	0,000	3,220	0,000	60,200	12849,390	99218,680	-86369,290
1567+0,00	0,010	0,780	0,130	39,920	12849,520	99258,600	-86409,080
1568+0,00	0,000	1,510	0,130	22,810	12849,650	99281,410	-86431,760
1569+0,00	0,000	2,310	0,000	38,200	12849,650	99319,610	-86469,960
1570+0,00	0,000	3,800	0,000	61,140	12849,650	99380,750	-86531,100
1571+0,00	0,000	3,340	0,000	71,380	12849,650	99452,130	-86602,480
1572+0,00	0,000	3,590	0,000	69,310	12849,650	99521,440	-86671,790
1573+0,00	0,000	3,620	0,000	72,170	12849,650	99593,600	-86743,950
1574+0,00	0,000	3,110	0,000	67,310	12849,650	99660,920	-86811,270
1575+0,00	0,000	2,740	0,000	58,490	12849,650	99719,400	-86869,750
1576+0,00	0,000	1,950	0,000	46,860	12849,650	99766,260	-86916,610
1577+0,00	0,030	1,060	0,300	30,020	12849,950	99796,290	-86946,340
1578+0,00	0,120	0,700	1,450	17,520	12851,410	99813,810	-86962,400
1579+0,00	0,440	0,110	5,550	8,060	12856,950	99821,870	-86964,920
1580+0,00	0,140	0,630	5,780	7,450	12862,730	99829,310	-86966,580
1581+0,00	0,000	2,080	1,380	27,120	12864,120	99856,430	-86992,310
1582+0,00	0,000	3,970	0,000	60,440	12864,120	99916,870	-87052,750
1583+0,00	0,000	4,850	0,000	88,210	12864,120	100005,080	-87140,960
1584+0,00	0,000	5,580	0,000	104,370	12864,120	100109,460	-87245,340
1585+0,00	0,000	3,040	0,000	86,250	12864,120	100195,710	-87331,590
1586+0,00	0,000	2,440	0,000	54,800	12864,120	100250,510	-87386,390
1587+0,00	0,000	3,560	0,000	59,990	12864,120	100310,490	-87446,370
1588+0,00	0,000	3,790	0,000	73,550	12864,120	100384,040	-87519,920
1589+0,00	0,000	3,800	0,000	75,980	12864,120	100460,020	-87595,900
1590+0,00	0,000	2,640	0,000	64,450	12864,120	100524,470	-87660,350

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1591+0,00	0,000	2,410	0,000	50,490	12864,120	100574,950	-87710,830
1592+0,00	0,000	2,580	0,000	49,920	12864,120	100624,870	-87760,750
1593+0,00	0,000	2,890	0,000	54,770	12864,120	100679,630	-87815,510
1594+0,00	0,000	3,570	0,000	64,650	12864,120	100744,290	-87880,170
1595+0,00	0,000	3,950	0,000	75,270	12864,120	100819,560	-87955,440
1596+0,00	0,000	4,730	0,000	86,870	12864,120	100906,420	-88042,300
1597+0,00	0,000	5,730	0,000	104,660	12864,120	101011,080	-88146,960
1598+0,00	0,000	6,920	0,000	126,530	12864,120	101137,610	-88273,490
1599+0,00	0,000	5,940	0,000	128,600	12864,120	101266,210	-88402,090
1600+0,00	0,000	5,060	0,000	109,970	12864,120	101376,180	-88512,060
1601+0,00	0,000	4,820	0,000	98,730	12864,120	101474,910	-88610,790
1602+0,00	0,000	4,060	0,000	88,730	12864,120	101563,640	-88699,520
1603+0,00	0,000	4,150	0,000	82,050	12864,120	101645,690	-88781,570
1604+0,00	0,000	7,380	0,000	115,280	12864,120	101760,970	-88896,850
1605+0,00	0,000	8,540	0,000	159,170	12864,120	101920,140	-89056,020
1606+0,00	0,000	9,770	0,000	183,030	12864,120	102103,180	-89239,060
1607+0,00	0,000	8,970	0,000	187,340	12864,120	102290,510	-89426,390
1608+0,00	0,000	8,090	0,000	170,560	12864,120	102461,080	-89596,960
1609+0,00	0,000	5,890	0,000	139,760	12864,120	102600,840	-89736,720
1610+0,00	0,000	3,010	0,000	88,940	12864,120	102689,780	-89825,660
1611+0,00	0,000	2,550	0,000	55,590	12864,120	102745,370	-89881,250
1612+0,00	0,000	1,880	0,000	44,340	12864,120	102789,700	-89925,580
1613+0,00	0,350	0,000	3,500	18,820	12867,620	102808,520	-89940,900
1614+0,00	2,750	0,000	31,040	0,000	12898,660	102808,520	-89909,860
1615+0,00	5,270	0,000	80,230	0,000	12978,890	102808,520	-89829,630
1616+0,00	7,060	0,000	123,280	0,000	13102,170	102808,520	-89706,350
1617+0,00	7,510	0,000	145,680	0,000	13247,850	102808,520	-89560,670
1618+0,00	5,710	0,000	132,210	0,000	13380,060	102808,520	-89428,460
1619+0,00	3,360	0,000	90,670	0,000	13470,730	102808,520	-89337,790
1620+0,00	0,860	0,000	42,140	0,000	13512,860	102808,520	-89295,660
1621+0,00	0,000	1,310	8,580	13,120	13521,440	102821,640	-89300,200
1622+0,00	0,000	2,710	0,000	40,260	13521,440	102861,900	-89340,460
1623+0,00	0,000	2,300	0,000	50,170	13521,440	102912,070	-89390,630
1624+0,00	0,000	2,140	0,000	44,370	13521,440	102956,440	-89435,000
1625+0,00	0,000	1,520	0,000	36,520	13521,440	102992,960	-89471,520
1626+0,00	0,000	0,720	0,000	22,330	13521,440	103015,290	-89493,850
1627+0,00	0,000	1,270	0,000	19,840	13521,440	103035,120	-89513,680
1628+0,00	0,000	1,770	0,000	30,350	13521,440	103065,480	-89544,040
1629+0,00	0,000	2,920	0,000	46,890	13521,440	103112,360	-89590,920
1630+0,00	0,000	3,140	0,000	60,650	13521,440	103173,010	-89651,570
1631+0,00	0,000	2,780	0,000	59,230	13521,440	103232,240	-89710,800
1632+0,00	0,000	2,250	0,000	50,260	13521,440	103282,500	-89761,060
1633+0,00	0,000	2,110	0,000	43,590	13521,440	103326,090	-89804,650
1634+0,00	0,000	1,810	0,000	39,210	13521,440	103365,300	-89843,860
1635+0,00	0,000	2,740	0,000	45,510	13521,440	103410,820	-89889,380
1636+0,00	0,000	2,770	0,000	55,090	13521,440	103465,900	-89944,460
1637+0,00	0,000	2,990	0,000	57,610	13521,440	103523,520	-90002,080
1638+0,00	0,000	3,080	0,000	60,710	13521,440	103584,230	-90062,790
1639+0,00	0,000	3,240	0,000	63,210	13521,440	103647,440	-90126,000
1640+0,00	0,000	3,240	0,000	64,810	13521,440	103712,250	-90190,810
1641+0,00	0,000	5,900	0,000	91,400	13521,440	103803,650	-90282,210
1642+0,00	0,000	9,390	0,000	152,970	13521,440	103956,620	-90435,180
1643+0,00	0,000	13,520	0,000	229,100	13521,440	104185,720	-90664,280
1644+0,00	0,000	17,140	0,000	306,570	13521,440	104492,300	-90970,860
1645+0,00	0,000	19,770	0,000	369,100	13521,440	104861,400	-91339,960
1646+0,00	0,000	17,150	0,000	369,200	13521,440	105230,600	-91709,160
1647+0,00	0,000	14,420	0,000	315,720	13521,440	105546,320	-92024,880
1648+0,00	0,000	11,160	0,000	255,810	13521,440	105802,120	-92280,680
1649+0,00	0,000	7,510	0,000	186,700	13521,440	105988,820	-92467,380
1650+0,00	0,000	4,410	0,000	119,190	13521,440	106108,010	-92586,570
1651+0,00	0,000	4,050	0,000	84,600	13521,440	106192,610	-92671,170
1652+0,00	0,000	4,370	0,000	84,250	13521,440	106276,860	-92755,420
1653+0,00	0,000	4,880	0,000	92,530	13521,440	106369,390	-92847,950
1654+0,00	0,000	4,730	0,000	96,080	13521,440	106465,470	-92944,030

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1655+0,00	0,000	3,960	0,000	86,860	13521,440	106552,330	-93030,890
1656+0,00	0,000	2,990	0,000	69,470	13521,440	106621,810	-93100,370
1657+0,00	0,000	3,130	0,000	61,160	13521,440	106682,970	-93161,530
1658+0,00	0,000	3,060	0,000	61,830	13521,440	106744,800	-93223,360
1659+0,00	0,000	3,090	0,000	61,480	13521,440	106806,290	-93284,850
1660+0,00	0,000	4,410	0,000	74,970	13521,440	106881,260	-93359,820
1661+0,00	0,000	5,570	0,000	99,720	13521,440	106980,980	-93459,540
1662+0,00	0,000	6,640	0,000	122,060	13521,440	107103,040	-93581,600
1663+0,00	0,000	7,560	0,000	142,000	13521,440	107245,040	-93723,600
1664+0,00	0,000	7,760	0,000	153,240	13521,440	107398,280	-93876,840
1665+0,00	0,000	6,040	0,000	138,080	13521,440	107536,360	-94014,920
1666+0,00	0,000	4,330	0,000	103,780	13521,440	107640,140	-94118,700
1667+0,00	0,000	2,960	0,000	72,950	13521,440	107713,090	-94191,650
1668+0,00	0,000	2,990	0,000	59,490	13521,440	107772,580	-94251,140
1669+0,00	0,000	3,230	0,000	62,230	13521,440	107834,810	-94313,370
1670+0,00	0,000	2,630	0,000	58,660	13521,440	107893,470	-94372,030
1671+0,00	0,000	2,890	0,000	55,200	13521,440	107948,670	-94427,230
1672+0,00	0,000	0,000	0,000	28,880	13521,440	107977,550	-94456,110
1673+0,00	0,000	4,140	0,000	41,390	13521,440	108018,940	-94497,500
1674+0,00	0,000	3,310	0,000	74,480	13521,440	108093,420	-94571,980
1675+0,00	0,000	3,090	0,000	64,000	13521,440	108157,420	-94635,980
1676+0,00	0,000	3,070	0,000	61,620	13521,440	108219,040	-94697,600
1677+0,00	0,000	2,890	0,000	59,580	13521,440	108278,620	-94757,180
1678+0,00	0,000	2,880	0,000	57,690	13521,440	108336,310	-94814,870
1679+0,00	0,000	3,160	0,000	60,430	13521,440	108396,740	-94875,300
1680+0,00	0,000	1,900	0,000	50,620	13521,440	108447,360	-94925,920
1681+0,00	0,000	2,650	0,000	45,470	13521,440	108492,830	-94971,390
1682+0,00	0,000	2,810	0,000	54,560	13521,440	108547,390	-95025,950
1683+0,00	0,000	2,900	0,000	57,050	13521,440	108604,430	-95082,990
1684+0,00	0,000	3,190	0,000	60,880	13521,440	108665,320	-95143,880
1685+0,00	0,000	3,460	0,000	66,500	13521,440	108731,810	-95210,370
1686+0,00	0,000	3,900	0,000	73,580	13521,440	108805,390	-95283,950
1687+0,00	0,000	3,700	0,000	76,050	13521,440	108881,440	-95360,000
1688+0,00	0,000	3,400	0,000	71,070	13521,440	108952,520	-95431,080
1689+0,00	0,000	3,470	0,000	68,710	13521,440	109021,220	-95499,780
1690+0,00	0,000	4,700	0,000	81,670	13521,440	109102,890	-95581,450
1691+0,00	0,000	3,380	0,000	80,810	13521,440	109183,700	-95662,260
1692+0,00	0,000	2,400	0,000	57,820	13521,440	109241,520	-95720,080
1693+0,00	0,010	1,100	0,150	35,030	13521,590	109276,550	-95754,960
1694+0,00	0,370	0,330	3,840	14,320	13525,440	109290,870	-95765,430
1695+0,00	1,060	0,020	14,330	3,490	13539,760	109294,370	-95754,610
1696+0,00	2,250	0,000	33,090	0,190	13572,850	109294,560	-95721,710
1697+0,00	1,510	0,000	37,590	0,000	13610,440	109294,560	-95684,120
1698+0,00	0,680	0,250	21,950	2,500	13632,390	109297,070	-95664,680
1699+0,00	0,100	1,150	7,770	13,960	13640,160	109311,020	-95670,860
1700+0,00	0,000	2,180	0,970	33,290	13641,130	109344,310	-95703,180
1701+0,00	0,000	3,160	0,000	53,470	13641,130	109397,780	-95756,650
1702+0,00	0,000	2,000	0,000	51,610	13641,130	109449,390	-95808,260
1703+0,00	0,010	1,090	0,050	30,930	13641,180	109480,310	-95839,130
1704+0,00	0,120	0,440	1,280	15,360	13642,460	109495,670	-95853,210
1705+0,00	0,000	0,940	1,280	13,790	13643,730	109509,460	-95865,730
1706+0,00	0,000	1,440	0,050	23,800	13643,780	109533,260	-95889,480
1707+0,00	0,000	2,310	0,000	37,510	13643,780	109570,770	-95926,990
1708+0,00	0,000	3,030	0,000	53,300	13643,780	109624,070	-95980,290
1709+0,00	0,000	2,860	0,000	58,790	13643,780	109682,860	-96039,080
1710+0,00	0,000	2,030	0,000	48,960	13643,780	109731,820	-96088,040
1711+0,00	0,000	1,400	0,000	34,350	13643,780	109766,170	-96122,390
1712+0,00	0,000	1,090	0,000	24,910	13643,780	109791,080	-96147,300
1713+0,00	0,000	1,740	0,000	28,290	13643,780	109819,370	-96175,590
1714+0,00	0,000	2,690	0,000	44,270	13643,780	109863,640	-96219,860
1715+0,00	0,000	3,050	0,000	57,340	13643,780	109920,980	-96277,200
1716+0,00	0,000	3,060	0,000	61,020	13643,780	109981,990	-96338,210
1717+0,00	0,000	3,560	0,000	66,130	13643,780	110048,120	-96404,340
1718+0,00	0,000	3,500	0,000	70,630	13643,780	110118,750	-96474,970

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1719+0,00	0,000	3,640	0,000	71,400	13643,780	110190,140	-96546,360
1720+0,00	0,000	3,600	0,000	72,500	13643,780	110262,640	-96618,860
1721+0,00	0,000	3,690	0,000	72,860	13643,780	110335,500	-96691,720
1722+0,00	0,000	3,790	0,000	74,780	13643,780	110410,280	-96766,500
1723+0,00	0,000	4,440	0,000	82,260	13643,780	110492,540	-96848,760
1724+0,00	0,000	5,210	0,000	96,450	13643,780	110588,980	-96945,200
1725+0,00	0,000	4,020	0,000	92,290	13643,780	110681,270	-97037,490
1726+0,00	0,000	3,110	0,000	71,300	13643,780	110752,570	-97108,790
1727+0,00	0,000	4,960	0,000	80,780	13643,780	110833,340	-97189,560
1728+0,00	0,000	2,990	0,000	79,580	13643,780	110912,920	-97269,140
1729+0,00	0,000	2,410	0,000	54,020	13643,780	110966,940	-97323,160
1730+0,00	0,000	2,570	0,000	49,820	13643,780	111016,760	-97372,980
1731+0,00	0,000	2,740	0,000	53,180	13643,780	111069,940	-97426,160
1732+0,00	0,000	2,250	0,000	49,930	13643,780	111119,870	-97476,090
1733+0,00	0,000	2,550	0,000	48,050	13643,780	111167,920	-97524,140
1734+0,00	0,000	2,390	0,000	49,460	13643,780	111217,380	-97573,600
1735+0,00	0,000	2,590	0,000	49,840	13643,780	111267,220	-97623,440
1736+0,00	0,000	1,860	0,000	44,540	13643,780	111311,770	-97667,990
1737+0,00	0,000	1,850	0,000	37,080	13643,780	111348,850	-97705,070
1738+0,00	0,000	2,500	0,000	43,560	13643,780	111392,400	-97748,620
1739+0,00	0,000	2,440	0,000	49,380	13643,780	111441,790	-97798,010
1740+0,00	0,000	2,450	0,000	48,810	13643,780	111490,600	-97846,820
1741+0,00	0,000	2,830	0,000	52,770	13643,780	111543,380	-97899,600
1742+0,00	0,000	2,700	0,000	55,360	13643,780	111598,730	-97954,950
1743+0,00	0,000	2,260	0,000	49,620	13643,780	111648,350	-98004,570
1744+0,00	0,000	0,840	0,020	30,990	13643,800	111679,340	-98035,540
1745+0,00	1,040	0,000	10,380	8,410	13654,180	111687,750	-98033,570
1746+0,00	3,190	0,000	42,270	0,000	13696,450	111687,750	-97991,300
1747+0,00	3,800	0,000	69,920	0,000	13766,370	111687,750	-97921,380
1748+0,00	3,340	0,000	71,400	0,000	13837,770	111687,750	-97849,980
1749+0,00	1,230	0,000	45,730	0,000	13883,500	111687,750	-97804,250
1750+0,00	0,010	0,630	12,440	6,270	13895,940	111694,010	-97798,070
1751+0,00	0,000	2,260	0,090	28,960	13896,030	111722,980	-97826,950
1752+0,00	0,000	2,520	0,000	47,770	13896,030	111770,740	-97874,710
1753+0,00	0,000	2,360	0,000	48,780	13896,030	111819,520	-97923,490
1754+0,00	0,000	2,370	0,000	47,250	13896,030	111866,770	-97970,740
1755+0,00	0,000	2,370	0,000	47,420	13896,030	111914,200	-98018,170
1756+0,00	0,000	2,830	0,000	52,040	13896,030	111966,240	-98070,210
1757+0,00	0,000	3,880	0,000	67,210	13896,030	112033,440	-98137,410
1758+0,00	0,000	3,640	0,000	75,130	13896,030	112108,570	-98212,540
1759+0,00	0,000	2,780	0,000	64,210	13896,030	112172,790	-98276,760
1760+0,00	0,000	0,750	0,000	35,270	13896,030	112208,050	-98312,020
1761+0,00	1,030	0,000	10,250	7,500	13906,290	112215,560	-98309,270
1762+0,00	2,470	0,000	34,990	0,000	13941,270	112215,560	-98274,290
1763+0,00	4,410	0,000	68,830	0,000	14010,100	112215,560	-98205,460
1764+0,00	5,390	0,000	98,060	0,000	14108,160	112215,560	-98107,400
1765+0,00	4,910	0,000	103,000	0,000	14211,160	112215,560	-98004,400
1766+0,00	3,940	0,000	88,480	0,000	14299,640	112215,560	-97915,920
1767+0,00	3,440	0,000	73,680	0,000	14373,320	112215,560	-97842,240
1768+0,00	3,220	0,000	66,600	0,000	14439,920	112215,560	-97775,640
1769+0,00	2,900	0,000	61,490	0,000	14501,410	112215,560	-97714,150
1770+0,00	2,850	0,000	57,540	0,000	14558,950	112215,560	-97656,610
1771+0,00	2,500	0,000	53,450	0,000	14612,400	112215,560	-97603,160
1772+0,00	0,230	1,070	27,280	10,740	14639,680	112226,300	-97586,620
1773+0,00	0,000	3,320	2,360	43,720	14642,040	112270,020	-97627,980
1774+0,00	0,000	2,720	0,000	60,370	14642,040	112330,390	-97688,350
1775+0,00	0,000	2,300	0,000	50,140	14642,040	112380,530	-97738,490
1776+0,00	0,000	3,140	0,000	54,490	14642,040	112435,020	-97792,980
1777+0,00	0,000	3,150	0,000	62,920	14642,040	112497,940	-97855,900
1778+0,00	0,000	3,460	0,000	66,150	14642,040	112564,080	-97922,040
1779+0,00	0,000	3,170	0,000	66,270	14642,040	112630,350	-97988,310
1780+0,00	0,000	2,850	0,000	60,180	14642,040	112690,530	-98048,490
1781+0,00	0,000	3,470	0,000	63,180	14642,040	112753,710	-98111,670
1782+0,00	0,000	3,350	0,000	68,180	14642,040	112821,880	-98179,840

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1783+0,00	0,000	3,150	0,000	65,030	14642,040	112886,920	-98244,880
1784+0,00	0,000	3,460	0,000	66,060	14642,040	112952,970	-98310,930
1785+0,00	0,000	3,150	0,000	66,040	14642,040	113019,020	-98376,980
1786+0,00	0,000	3,070	0,000	61,970	14642,040	113080,980	-98438,940
1787+0,00	0,000	3,380	0,000	64,520	14642,040	113145,500	-98503,460
1788+0,00	0,000	3,810	0,000	71,580	14642,040	113217,090	-98575,050
1789+0,00	0,000	3,420	0,000	72,140	14642,040	113289,220	-98647,180
1790+0,00	0,000	3,360	0,000	67,610	14642,040	113356,840	-98714,800
1791+0,00	0,000	4,210	0,000	75,040	14642,040	113431,880	-98789,840
1792+0,00	0,000	3,660	0,000	78,170	14642,040	113510,050	-98868,010
1793+0,00	0,000	3,420	0,000	70,430	14642,040	113580,470	-98938,430
1794+0,00	0,000	4,300	0,000	77,190	14642,040	113657,660	-99015,620
1795+0,00	0,000	4,950	0,000	92,460	14642,040	113750,120	-99108,080
1796+0,00	0,000	2,730	0,000	77,030	14642,040	113827,150	-99185,110
1797+0,00	0,000	2,210	0,000	49,600	14642,040	113876,750	-99234,710
1798+0,00	0,000	0,610	0,000	28,160	14642,040	113904,910	-99262,870
1799+0,00	0,000	2,670	0,000	32,700	14642,040	113937,610	-99295,570
1800+0,00	0,000	3,030	0,000	57,090	14642,040	113994,690	-99352,650
1801+0,00	0,000	2,520	0,000	55,460	14642,040	114050,150	-99408,110
1802+0,00	0,000	2,520	0,000	50,360	14642,040	114100,510	-99458,470
1803+0,00	0,000	1,610	0,000	41,290	14642,040	114141,790	-99499,750
1804+0,00	0,000	0,760	0,000	23,730	14642,040	114165,530	-99523,490
1805+0,00	0,000	1,380	0,000	21,380	14642,040	114186,910	-99544,870
1806+0,00	0,000	2,120	0,000	34,950	14642,040	114221,860	-99579,820
1807+0,00	0,000	2,300	0,000	44,170	14642,040	114266,030	-99623,990
1808+0,00	0,000	2,900	0,000	52,000	14642,040	114318,030	-99675,990
1809+0,00	0,000	3,360	0,000	62,680	14642,040	114380,710	-99738,670
1810+0,00	0,000	3,970	0,000	73,390	14642,040	114454,100	-99812,060
1811+0,00	0,000	6,250	0,000	102,260	14642,040	114556,360	-99914,320
1812+0,00	0,000	6,450	0,000	127,120	14642,040	114683,480	-100041,440
1813+0,00	0,000	6,300	0,000	127,560	14642,040	114811,040	-100169,000
1814+0,00	0,000	4,060	0,000	103,540	14642,040	114914,570	-100272,530
1815+0,00	0,000	2,810	0,000	68,630	14642,040	114983,210	-100341,170
1816+0,00	0,000	2,850	0,000	56,590	14642,040	115039,790	-100397,750
1817+0,00	0,000	2,740	0,000	55,880	14642,040	115095,680	-100453,640
1818+0,00	0,000	2,270	0,000	50,090	14642,040	115145,770	-100503,730
1819+0,00	0,000	1,950	0,000	42,180	14642,040	115187,950	-100545,910
1820+0,00	0,000	2,580	0,000	45,360	14642,040	115233,310	-100591,270
1821+0,00	0,000	2,440	0,000	50,210	14642,040	115283,520	-100641,480
1822+0,00	0,000	2,630	0,000	50,720	14642,040	115334,240	-100692,200
1823+0,00	0,000	2,970	0,000	56,070	14642,040	115390,310	-100748,270
1824+0,00	0,000	3,100	0,000	60,680	14642,040	115451,000	-100808,960
1825+0,00	0,000	3,950	0,000	70,560	14642,040	115521,560	-100879,520
1826+0,00	0,000	4,410	0,000	83,600	14642,040	115605,160	-100963,120
1827+0,00	0,000	3,600	0,000	80,100	14642,040	115685,260	-101043,220
1828+0,00	0,000	3,250	0,000	68,470	14642,040	115753,730	-101111,690
1829+0,00	0,000	3,040	0,000	62,870	14642,040	115816,610	-101174,570
1830+0,00	0,000	2,740	0,000	57,830	14642,040	115874,440	-101232,400
1831+0,00	0,000	2,850	0,000	55,930	14642,040	115930,370	-101288,330
1832+0,00	0,000	2,630	0,000	54,800	14642,040	115985,170	-101343,130
1833+0,00	0,000	2,870	0,000	55,050	14642,040	116040,220	-101398,180
1834+0,00	0,000	3,370	0,000	62,320	14642,040	116102,540	-101460,500
1835+0,00	0,000	3,400	0,000	67,700	14642,040	116170,240	-101528,200
1836+0,00	0,000	3,800	0,000	72,010	14642,040	116242,250	-101600,210
1837+0,00	0,000	3,490	0,000	72,860	14642,040	116315,110	-101673,070
1838+0,00	0,000	3,690	0,000	71,780	14642,040	116386,890	-101744,850
1839+0,00	0,000	3,300	0,000	69,850	14642,040	116456,740	-101814,700
1840+0,00	0,000	3,180	0,000	64,680	14642,040	116521,420	-101879,380
1841+0,00	0,000	3,190	0,000	63,640	14642,040	116585,060	-101943,020
1842+0,00	0,000	3,000	0,000	61,880	14642,040	116646,940	-102004,900
1843+0,00	0,000	2,290	0,000	52,870	14642,040	116699,810	-102057,770
1844+0,00	0,000	1,740	0,000	40,260	14642,040	116740,070	-102098,030
1845+0,00	0,000	2,340	0,000	40,750	14642,040	116780,820	-102138,780
1846+0,00	0,000	2,690	0,000	50,240	14642,040	116831,060	-102189,020

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1847+0,00	0,000	2,980	0,000	56,670	14642,040	116887,730	-102245,690
1848+0,00	0,000	6,460	0,000	94,380	14642,040	116982,110	-102340,070
1849+0,00	0,000	5,060	0,000	115,210	14642,040	117097,310	-102455,270
1850+0,00	0,000	4,200	0,000	92,570	14642,040	117189,890	-102547,850
1851+0,00	0,000	2,660	0,000	68,520	14642,040	117258,410	-102616,370
1852+0,00	0,000	2,650	0,000	52,800	14642,040	117311,210	-102669,170
1853+0,00	0,000	2,690	0,000	53,410	14642,040	117364,620	-102722,580
1854+0,00	0,000	3,080	0,000	57,820	14642,040	117422,440	-102780,400
1855+0,00	0,000	3,170	0,000	62,640	14642,040	117485,070	-102843,030
1856+0,00	0,000	2,510	0,000	56,750	14642,040	117541,830	-102899,790
1857+0,00	0,000	2,990	0,000	55,050	14642,040	117596,870	-102954,830
1858+0,00	0,000	3,010	0,000	59,940	14642,040	117656,810	-103014,770
1859+0,00	0,000	3,650	0,000	66,550	14642,040	117723,360	-103081,320
1860+0,00	0,000	4,650	0,000	82,990	14642,040	117806,360	-103164,320
1861+0,00	0,000	5,870	0,000	105,170	14642,040	117911,530	-103269,490
1862+0,00	0,000	6,920	0,000	127,880	14642,040	118039,410	-103397,370
1863+0,00	0,000	7,760	0,000	146,820	14642,040	118186,220	-103544,180
1864+0,00	0,000	6,170	0,000	139,330	14642,040	118325,550	-103683,510
1865+0,00	0,000	3,480	0,000	96,490	14642,040	118422,050	-103780,010
1866+0,00	0,000	2,470	0,000	59,430	14642,040	118481,480	-103839,440
1867+0,00	0,000	2,420	0,000	48,820	14642,040	118530,300	-103888,260
1868+0,00	0,000	2,440	0,000	48,540	14642,040	118578,840	-103936,800
1869+0,00	0,000	2,530	0,000	49,640	14642,040	118628,490	-103986,450
1870+0,00	0,000	2,320	0,000	48,460	14642,040	118676,950	-104034,910
1871+0,00	0,000	2,620	0,000	49,420	14642,040	118726,370	-104084,330
1872+0,00	0,000	3,100	0,000	57,200	14642,040	118783,570	-104141,530
1873+0,00	0,000	3,300	0,000	63,980	14642,040	118847,550	-104205,510
1874+0,00	0,000	3,180	0,000	64,830	14642,040	118912,380	-104270,340
1875+0,00	0,000	3,190	0,000	63,720	14642,040	118976,100	-104334,060
1876+0,00	0,000	3,690	0,000	68,660	14642,040	119044,760	-104402,720
1877+0,00	0,000	4,320	0,000	80,130	14642,040	119124,890	-104482,850
1878+0,00	0,000	3,580	0,000	79,090	14642,040	119203,980	-104561,940
1879+0,00	0,000	3,190	0,000	67,260	14642,040	119271,240	-104629,200
1880+0,00	0,000	3,130	0,000	62,730	14642,040	119333,980	-104691,940
1881+0,00	0,000	2,890	0,000	60,140	14642,040	119394,120	-104752,080
1882+0,00	0,050	1,590	0,530	44,350	14642,570	119438,470	-104795,900
1883+0,00	1,250	0,030	12,990	16,230	14655,560	119454,690	-104799,130
1884+0,00	0,080	1,460	13,260	14,870	14668,820	119469,570	-104800,750
1885+0,00	0,000	3,110	0,780	45,680	14669,600	119515,250	-104845,650
1886+0,00	0,000	3,810	0,000	68,810	14669,600	119584,060	-104914,460
1887+0,00	0,000	3,730	0,000	75,330	14669,600	119659,390	-104989,790
1888+0,00	0,000	3,460	0,000	71,810	14669,600	119731,200	-105061,600
1889+0,00	0,000	2,270	0,000	57,230	14669,600	119788,430	-105118,830
1890+0,00	0,000	3,240	0,000	55,040	14669,600	119843,470	-105173,870
1891+0,00	0,000	2,840	0,000	60,710	14669,600	119904,180	-105234,580
1892+0,00	0,000	2,940	0,000	57,690	14669,600	119961,870	-105292,270
1893+0,00	0,000	2,410	0,000	53,460	14669,600	120015,330	-105345,730
1894+0,00	0,000	2,470	0,000	48,820	14669,600	120064,150	-105394,550
1895+0,00	0,000	2,290	0,000	47,660	14669,600	120111,810	-105442,210
1896+0,00	0,000	2,430	0,000	47,210	14669,600	120159,020	-105489,420
1897+0,00	0,000	2,400	0,000	47,640	14669,600	120206,660	-105537,060
1898+0,00	0,000	1,850	0,000	42,440	14669,600	120249,100	-105579,500
1899+0,00	0,000	1,930	0,000	37,380	14669,600	120286,490	-105616,890
1900+0,00	0,000	1,830	0,000	37,570	14669,600	120324,050	-105654,450
1901+0,00	0,020	2,040	0,170	38,700	14669,770	120362,750	-105692,980
1902+0,00	0,000	2,540	0,190	45,600	14669,960	120408,350	-105738,390
1903+0,00	0,010	2,450	0,070	49,850	14670,030	120458,200	-105788,170
1904+0,00	0,000	2,430	0,100	48,740	14670,130	120506,940	-105836,810
1905+0,00	0,830	0,360	8,330	27,890	14678,460	120534,840	-105856,380
1906+0,00	1,440	0,060	22,680	4,280	14701,140	120539,120	-105837,980
1907+0,00	0,940	0,240	23,820	3,000	14724,950	120542,110	-105817,160
1908+0,00	0,230	1,090	11,420	13,450	14736,370	120555,570	-105819,200
1909+0,00	0,000	2,080	2,250	31,690	14738,620	120587,260	-105848,640
1910+0,00	0,000	2,670	0,000	47,530	14738,620	120634,790	-105896,170

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1911+0,00	0,000	2,900	0,000	55,740	14738,620	120690,530	-105951,910
1912+0,00	0,000	6,340	0,000	92,480	14738,620	120783,010	-106044,390
1913+0,00	0,000	8,270	0,000	146,100	14738,620	120929,110	-106190,490
1914+0,00	0,000	9,200	0,000	174,630	14738,620	121103,740	-106365,120
1915+0,00	0,000	7,060	0,000	162,510	14738,620	121266,250	-106527,630
1916+0,00	0,000	4,950	0,000	119,560	14738,620	121385,810	-106647,190
1917+0,00	0,000	2,730	0,000	76,770	14738,620	121462,580	-106723,960
1918+0,00	0,000	2,480	0,000	51,710	14738,620	121514,290	-106775,670
1919+0,00	0,000	2,590	0,000	50,680	14738,620	121564,970	-106826,350
1920+0,00	0,000	1,690	0,020	43,000	14738,640	121607,970	-106869,330
1921+0,00	0,010	1,560	0,090	32,520	14738,730	121640,500	-106901,770
1922+0,00	0,010	1,590	0,160	31,500	14738,890	121672,000	-106933,110
1923+0,00	0,000	2,730	0,080	43,190	14738,980	121715,190	-106976,210
1924+0,00	0,000	2,830	0,000	55,570	14738,980	121770,760	-107031,780
1925+0,00	0,000	2,380	0,000	52,070	14738,980	121822,830	-107083,850
1926+0,00	0,000	1,840	0,000	42,200	14738,980	121865,020	-107126,040
1927+0,00	0,000	1,800	0,000	36,420	14738,980	121901,450	-107162,470
1928+0,00	0,000	2,790	0,000	45,980	14738,980	121947,420	-107208,440
1929+0,00	0,000	3,700	0,000	64,950	14738,980	122012,370	-107273,390
1930+0,00	0,000	4,480	0,000	81,800	14738,980	122094,170	-107355,190
1931+0,00	0,000	5,690	0,000	102,070	14738,980	122196,240	-107457,260
1932+0,00	0,000	0,000	0,000	56,940	14738,980	122253,180	-107514,200
1933+0,00	0,000	2,780	0,000	27,960	14738,980	122281,130	-107542,150
1934+0,00	0,000	2,970	0,000	57,570	14738,980	122338,710	-107599,730
1935+0,00	0,000	2,690	0,000	57,110	14738,980	122395,820	-107656,840
1936+0,00	0,000	2,760	0,000	54,960	14738,980	122450,780	-107711,800
1937+0,00	0,000	1,780	0,000	45,400	14738,980	122496,180	-107757,200
1938+0,00	0,000	1,670	0,000	34,550	14738,980	122530,730	-107791,750
1939+0,00	0,000	2,820	0,000	44,920	14738,980	122575,650	-107836,670
1940+0,00	0,000	3,430	0,000	62,460	14738,980	122638,110	-107899,130
1941+0,00	0,000	4,100	0,000	75,310	14738,980	122713,420	-107974,440
1942+0,00	0,000	3,090	0,000	71,970	14738,980	122785,380	-108046,400
1943+0,00	0,000	3,440	0,000	65,300	14738,980	122850,680	-108111,700
1944+0,00	0,000	4,070	0,000	75,080	14738,980	122925,760	-108186,780
1945+0,00	0,000	3,550	0,000	76,160	14738,980	123001,930	-108262,950
1946+0,00	0,000	3,340	0,000	68,830	14738,980	123070,750	-108331,770
1947+0,00	0,000	5,160	0,000	85,010	14738,980	123155,760	-108416,780
1948+0,00	0,000	4,770	0,000	99,330	14738,980	123255,090	-108516,110
1949+0,00	0,000	4,440	0,000	92,120	14738,980	123347,210	-108608,230
1950+0,00	0,000	3,200	0,000	76,420	14738,980	123423,630	-108684,650
1951+0,00	0,000	3,320	0,000	65,190	14738,980	123488,820	-108749,840
1952+0,00	0,000	3,620	0,000	69,380	14738,980	123558,200	-108819,220
1953+0,00	0,000	3,900	0,000	75,170	14738,980	123633,370	-108894,390
1954+0,00	0,000	3,780	0,000	76,760	14738,980	123710,130	-108971,150
1955+0,00	0,000	2,980	0,000	67,590	14738,980	123777,720	-109038,740
1956+0,00	0,000	2,170	0,000	51,550	14738,980	123829,270	-109090,290
1957+0,00	0,000	2,230	0,000	44,020	14738,980	123873,290	-109134,310
1958+0,00	0,000	2,480	0,000	47,100	14738,980	123920,390	-109181,410
1959+0,00	0,000	3,340	0,000	58,270	14738,980	123978,660	-109239,680
1960+0,00	0,000	2,160	0,000	54,990	14738,980	124033,650	-109294,670
1961+0,00	0,000	3,170	0,000	53,230	14738,980	124086,890	-109347,910
1962+0,00	0,000	3,290	0,000	64,620	14738,980	124151,500	-109412,520
1963+0,00	0,000	2,940	0,000	62,340	14738,980	124213,840	-109474,860
1964+0,00	0,000	3,120	0,000	60,550	14738,980	124274,390	-109535,410
1965+0,00	0,000	3,020	0,000	61,290	14738,980	124335,680	-109596,700
1966+0,00	0,000	2,710	0,000	57,390	14738,980	124393,070	-109654,090
1967+0,00	0,000	2,930	0,000	56,320	14738,980	124449,390	-109710,410
1968+0,00	0,000	2,670	0,000	55,900	14738,980	124505,290	-109766,310
1969+0,00	0,000	2,940	0,000	56,060	14738,980	124561,340	-109822,360
1970+0,00	0,000	2,780	0,000	57,130	14738,980	124618,470	-109879,490
1971+0,00	0,000	2,490	0,000	52,780	14738,980	124671,250	-109932,270
1972+0,00	0,000	4,150	0,000	66,490	14738,980	124737,740	-109998,760
1973+0,00	0,000	3,780	0,000	79,360	14738,980	124817,100	-110078,120
1974+0,00	0,000	2,100	0,000	58,840	14738,980	124875,940	-110136,960

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
1975+0,00	0,000	1,900	0,000	40,000	14738,980	124915,940	-110176,960
1976+0,00	0,000	1,840	0,000	37,350	14738,980	124953,290	-110214,310
1977+0,00	0,000	1,870	0,000	37,110	14738,980	124990,400	-110251,420
1978+0,00	0,000	2,100	0,000	39,760	14738,980	125030,160	-110291,180
1979+0,00	0,000	2,560	0,000	46,590	14738,980	125076,760	-110337,780
1980+0,00	0,000	2,490	0,000	50,500	14738,980	125127,250	-110388,270
1981+0,00	0,000	2,690	0,000	51,870	14738,980	125179,120	-110440,140
1982+0,00	0,000	2,860	0,000	55,610	14738,980	125234,730	-110495,750
1983+0,00	0,000	2,910	0,000	57,770	14738,980	125292,500	-110553,520
1984+0,00	0,000	2,780	0,000	56,860	14738,980	125349,360	-110610,380
1985+0,00	0,000	2,950	0,000	57,270	14738,980	125406,630	-110667,650
1986+0,00	0,000	2,800	0,000	57,510	14738,980	125464,150	-110725,170
1987+0,00	0,000	3,290	0,000	60,860	14738,980	125525,000	-110786,020
1988+0,00	0,000	4,010	0,000	73,030	14738,980	125598,030	-110859,050
1989+0,00	0,000	6,140	0,000	101,560	14738,980	125699,590	-110960,610
1990+0,00	0,000	8,160	0,000	143,030	14738,980	125842,610	-111103,630
1991+0,00	0,000	11,900	0,000	200,630	14738,980	126043,240	-111304,260
1992+0,00	0,000	21,690	0,000	335,950	14738,980	126379,190	-111640,210
1993+0,00	0,000	30,420	0,000	521,090	14738,980	126900,280	-112161,300
1994+0,00	0,000	36,540	0,000	669,530	14738,980	127569,810	-112830,830
1995+0,00	0,000	38,470	0,000	750,090	14738,980	128319,900	-113580,920
1996+0,00	0,000	37,040	0,000	755,140	14738,980	129075,040	-114336,060
1997+0,00	0,000	32,750	0,000	697,940	14738,980	129772,980	-115034,000
1998+0,00	0,000	28,790	0,000	615,410	14738,980	130388,390	-115649,410
1999+0,00	0,000	24,130	0,000	529,170	14738,980	130917,550	-116178,570
2000+0,00	0,000	20,060	0,000	441,840	14738,980	131359,400	-116620,420
2001+0,00	0,000	16,180	0,000	362,390	14738,980	131721,790	-116982,810
2002+0,00	0,000	13,320	0,000	295,020	14738,980	132016,810	-117277,830
2003+0,00	0,000	11,630	0,000	249,440	14738,980	132266,250	-117527,270
2004+0,00	0,000	10,160	0,000	217,860	14738,980	132484,110	-117745,130
2005+0,00	0,000	9,830	0,000	199,920	14738,980	132684,030	-117945,050
2006+0,00	0,000	9,730	0,000	195,590	14738,980	132879,620	-118140,640
2007+0,00	0,000	10,200	0,000	199,290	14738,980	133078,910	-118339,930
2008+0,00	0,000	12,340	0,000	225,450	14738,980	133304,370	-118565,390
2009+0,00	0,000	16,670	0,000	290,160	14738,980	133594,520	-118855,540
2010+0,00	0,000	21,840	0,000	385,240	14738,980	133979,770	-119240,790
2011+0,00	0,000	26,730	0,000	485,740	14738,980	134465,510	-119726,530
2012+0,00	0,000	30,270	0,000	569,980	14738,980	135035,490	-120296,510
2013+0,00	0,000	29,980	0,000	602,460	14738,980	135637,950	-120898,970
2014+0,00	0,000	27,350	0,000	573,130	14738,980	136211,080	-121472,100
2015+0,00	0,000	22,580	0,000	499,310	14738,980	136710,380	-121971,400
2016+0,00	0,000	17,180	0,000	397,560	14738,980	137107,940	-122368,960
2017+0,00	0,000	9,420	0,000	265,970	14738,980	137373,910	-122634,930
2018+0,00	0,000	4,530	0,000	139,530	14738,980	137513,450	-122774,470
2019+0,00	0,000	4,200	0,000	87,310	14738,980	137600,760	-122861,780
2020+0,00	0,000	3,440	0,000	76,360	14738,980	137677,110	-122938,130
2021+0,00	0,000	3,330	0,000	67,640	14738,980	137744,750	-123005,770
2022+0,00	0,000	3,610	0,000	69,380	14738,980	137814,130	-123075,150
2023+0,00	0,000	3,690	0,000	73,020	14738,980	137887,160	-123148,180
2024+0,00	0,000	3,420	0,000	71,220	14738,980	137958,380	-123219,400
2025+0,00	0,000	3,330	0,000	67,490	14738,980	138025,870	-123286,890
2026+0,00	0,000	3,080	0,000	64,550	14738,980	138090,420	-123351,440
2027+0,00	0,000	1,360	0,030	44,350	14739,010	138134,770	-123395,760
2028+0,00	1,920	0,000	19,150	13,590	14758,170	138148,360	-123390,190
2029+0,00	7,690	0,000	96,100	0,000	14854,260	138148,360	-123294,100
2030+0,00	13,630	0,000	213,290	0,000	15067,550	138148,360	-123080,810
2031+0,00	18,390	0,000	320,280	0,000	15387,830	138148,360	-122760,530
2032+0,00	20,270	0,000	386,500	0,000	15774,330	138148,360	-122374,030
2033+0,00	14,160	0,000	344,290	0,000	16118,610	138148,360	-122029,750
2034+0,00	7,530	0,000	216,880	0,000	16335,490	138148,360	-121812,870
2035+0,00	1,280	0,040	88,030	0,430	16423,530	138148,790	-121725,260
2036+0,00	0,000	3,240	12,750	32,790	16436,280	138181,570	-121745,290
2037+0,00	0,000	6,000	0,000	92,330	16436,280	138273,900	-121837,620
2038+0,00	0,000	2,650	0,000	86,510	16436,280	138360,410	-121924,130

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2039+0,00	0,000	2,500	0,020	51,530	16436,290	138411,940	-121975,650
2040+0,00	0,000	2,860	0,020	53,580	16436,310	138465,530	-122029,220
2041+0,00	0,000	2,710	0,000	55,860	16436,310	138521,390	-122085,080
2042+0,00	0,000	3,240	0,000	59,520	16436,310	138580,900	-122144,590
2043+0,00	0,000	3,260	0,000	64,950	16436,310	138645,850	-122209,540
2044+0,00	0,000	3,670	0,000	69,320	16436,310	138715,170	-122278,860
2045+0,00	0,000	4,480	0,000	81,540	16436,310	138796,710	-122360,400
2046+0,00	0,000	4,020	0,000	84,950	16436,310	138881,660	-122445,350
2047+0,00	0,000	4,180	0,000	81,910	16436,310	138963,570	-122527,260
2048+0,00	0,000	4,470	0,000	86,450	16436,310	139050,020	-122613,710
2049+0,00	0,000	4,820	0,000	92,890	16436,310	139142,920	-122706,610
2050+0,00	0,000	3,580	0,000	84,090	16436,310	139227,000	-122790,690
2051+0,00	0,000	2,290	0,000	58,790	16436,310	139285,800	-122849,490
2052+0,00	0,070	1,770	0,760	39,610	16437,070	139325,410	-122888,340
2053+0,00	0,140	1,690	2,160	34,560	16439,230	139359,970	-122920,740
2054+0,00	0,230	1,680	3,760	33,640	16442,990	139393,610	-122950,620
2055+0,00	0,020	2,410	2,470	41,180	16445,460	139434,790	-122989,330
2056+0,00	0,000	2,790	0,200	51,980	16445,660	139486,770	-123041,110
2057+0,00	0,000	3,530	0,000	63,280	16445,660	139550,050	-123104,390
2058+0,00	0,000	3,690	0,000	72,810	16445,660	139622,860	-123177,200
2059+0,00	0,000	2,870	0,000	66,500	16445,670	139689,360	-123243,690
2060+0,00	0,000	2,660	0,010	55,330	16445,680	139744,690	-123299,010
2061+0,00	0,000	2,240	0,040	49,300	16445,720	139793,990	-123348,270
2062+0,00	0,000	2,420	0,030	46,650	16445,750	139840,630	-123394,880
2063+0,00	0,000	2,530	0,000	49,530	16445,750	139890,170	-123444,420
2064+0,00	0,000	2,420	0,000	49,670	16445,750	139939,840	-123494,090
2065+0,00	1,010	0,000	10,100	24,170	16455,860	139964,010	-123508,150
2066+0,00	0,170	0,380	11,840	3,820	16467,690	139967,830	-123500,140
2067+0,00	0,000	2,970	1,740	33,530	16469,430	140001,360	-123531,930
2068+0,00	0,000	3,580	0,000	65,700	16469,430	140067,070	-123597,640
2069+0,00	0,000	6,280	0,000	98,660	16469,430	140165,720	-123696,290
2070+0,00	0,000	7,620	0,000	139,060	16469,430	140304,790	-123835,360
2071+0,00	0,000	7,910	0,000	155,320	16469,430	140460,110	-123990,680
2072+0,00	0,000	4,500	0,000	124,110	16469,430	140584,220	-124114,790
2073+0,00	0,000	2,640	0,000	71,380	16469,430	140655,600	-124186,170
2074+0,00	0,000	2,480	0,000	51,120	16469,430	140706,720	-124237,290
2075+0,00	0,000	2,770	0,000	52,510	16469,430	140759,220	-124289,790
2076+0,00	0,000	2,730	0,000	55,070	16469,430	140814,290	-124344,860
2077+0,00	0,000	2,820	0,000	55,530	16469,430	140869,810	-124400,380
2078+0,00	0,000	2,880	0,000	56,770	16469,430	140926,580	-124457,150
2079+0,00	0,000	3,040	0,000	59,130	16469,430	140985,710	-124516,280
2080+0,00	0,000	3,510	0,000	65,250	16469,430	141050,960	-124581,530
2081+0,00	0,000	2,950	0,000	64,560	16469,430	141115,520	-124646,090
2082+0,00	0,000	3,220	0,000	61,720	16469,430	141177,230	-124707,800
2083+0,00	0,000	3,360	0,000	65,840	16469,430	141243,070	-124773,640
2084+0,00	0,000	3,100	0,000	64,640	16469,430	141307,720	-124838,290
2085+0,00	0,000	3,290	0,000	63,560	16469,430	141371,270	-124901,840
2086+0,00	0,000	2,930	0,000	62,170	16469,430	141433,440	-124964,010
2087+0,00	0,000	2,360	0,000	52,830	16469,430	141486,270	-125016,840
2088+0,00	0,000	2,220	0,000	45,760	16469,430	141532,030	-125062,600
2089+0,00	0,000	2,060	0,000	42,850	16469,430	141574,870	-125105,440
2090+0,00	0,000	2,200	0,000	41,860	16469,430	141616,730	-125147,300
2091+0,00	0,000	2,640	0,000	47,500	16469,430	141664,230	-125194,800
2092+0,00	0,000	2,560	0,000	51,470	16469,430	141715,700	-125246,270
2093+0,00	0,000	2,100	0,000	46,400	16469,430	141762,100	-125292,670
2094+0,00	0,000	2,780	0,000	48,850	16469,430	141810,950	-125341,520
2095+0,00	0,000	2,550	0,000	53,370	16469,430	141864,320	-125394,890
2096+0,00	0,000	2,750	0,000	53,110	16469,430	141917,430	-125448,000
2097+0,00	0,000	3,400	0,000	61,520	16469,430	141978,950	-125509,520
2098+0,00	0,000	3,110	0,000	65,110	16469,430	142044,060	-125574,630
2099+0,00	0,000	2,320	0,000	54,300	16469,430	142098,360	-125628,930
2100+0,00	0,000	3,210	0,000	55,270	16469,430	142153,630	-125684,200
2101+0,00	0,000	3,020	0,000	62,270	16469,430	142215,890	-125746,460
2102+0,00	0,000	3,320	0,000	63,490	16469,430	142279,390	-125809,960

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2103+0,00	0,000	2,480	0,000	58,350	16469,430	142337,730	-125868,300
2104+0,00	0,000	2,570	0,000	50,520	16469,430	142388,250	-125918,820
2105+0,00	0,000	2,720	0,000	53,100	16469,430	142441,360	-125971,930
2106+0,00	0,000	2,730	0,000	54,490	16469,430	142495,850	-126026,420
2107+0,00	0,000	2,670	0,000	54,060	16469,430	142549,920	-126080,490
2108+0,00	0,000	2,650	0,000	53,610	16469,430	142603,530	-126134,100
2109+0,00	0,000	2,710	0,000	53,860	16469,430	142657,390	-126187,960
2110+0,00	0,000	2,610	0,000	53,260	16469,430	142710,650	-126241,220
2111+0,00	0,000	2,690	0,000	52,930	16469,430	142763,580	-126294,150
2112+0,00	0,000	2,680	0,000	53,740	16469,430	142817,320	-126347,890
2113+0,00	0,000	2,740	0,000	54,200	16469,430	142871,530	-126402,100
2114+0,00	0,000	2,960	0,000	56,940	16469,430	142928,470	-126459,040
2115+0,00	0,000	2,400	0,000	53,590	16469,430	142982,060	-126512,630
2116+0,00	0,000	2,180	0,000	45,810	16469,430	143027,860	-126558,430
2117+0,00	0,000	3,180	0,000	53,730	16469,430	143081,600	-126612,170
2118+0,00	0,000	3,340	0,000	65,430	16469,430	143147,020	-126677,590
2119+0,00	0,000	3,210	0,000	65,600	16469,430	143212,620	-126743,190
2120+0,00	0,000	3,040	0,000	62,520	16469,430	143275,140	-126805,710
2121+0,00	0,000	3,300	0,000	63,500	16469,430	143338,640	-126869,210
2122+0,00	0,000	3,290	0,000	66,040	16469,430	143404,680	-126935,250
2123+0,00	0,000	2,970	0,000	62,590	16469,430	143467,270	-126997,840
2124+0,00	0,000	2,800	0,000	57,590	16469,430	143524,870	-127055,440
2125+0,00	0,000	2,830	0,000	56,140	16469,430	143581,010	-127111,580
2126+0,00	0,000	2,080	0,000	49,090	16469,430	143630,090	-127160,660
2127+0,00	0,000	1,490	0,000	35,650	16469,430	143665,750	-127196,320
2128+0,00	0,000	1,110	0,000	26,030	16469,430	143691,780	-127222,350
2129+0,00	0,000	2,640	0,000	37,500	16469,430	143729,270	-127259,840
2130+0,00	0,000	2,870	0,000	54,980	16469,430	143784,250	-127314,820
2131+0,00	0,000	2,780	0,000	56,200	16469,430	143840,450	-127371,020
2132+0,00	0,000	2,590	0,000	53,680	16469,430	143894,130	-127424,700
2133+0,00	0,000	2,650	0,000	52,450	16469,430	143946,590	-127477,160
2134+0,00	0,000	2,270	0,000	49,190	16469,430	143995,780	-127526,350
2135+0,00	0,000	1,990	0,000	42,700	16469,430	144038,480	-127569,050
2136+0,00	0,000	2,730	0,000	47,270	16469,430	144085,750	-127616,320
2137+0,00	0,000	2,940	0,000	56,600	16469,430	144142,350	-127672,920
2138+0,00	0,000	2,980	0,000	59,070	16469,430	144201,420	-127731,990
2139+0,00	0,000	3,260	0,000	62,490	16469,430	144263,910	-127794,480
2140+0,00	0,000	3,190	0,000	64,790	16469,430	144328,710	-127859,280
2141+0,00	0,000	3,040	0,000	62,400	16469,430	144391,110	-127921,680
2142+0,00	0,000	2,860	0,000	59,080	16469,430	144450,190	-127980,760
2143+0,00	0,000	2,840	0,000	57,160	16469,430	144507,340	-128037,910
2144+0,00	0,000	2,690	0,000	55,420	16469,430	144562,760	-128093,330
2145+0,00	0,000	2,920	0,000	56,110	16469,430	144618,870	-128149,440
2146+0,00	0,000	2,630	0,000	55,380	16469,430	144674,250	-128204,820
2147+0,00	0,000	2,690	0,000	53,230	16469,430	144727,480	-128258,050
2148+0,00	0,000	3,010	0,000	56,970	16469,430	144784,450	-128315,020
2149+0,00	0,000	3,320	0,000	63,220	16469,430	144847,670	-128378,240
2150+0,00	0,000	3,060	0,000	63,700	16469,430	144911,370	-128441,940
2151+0,00	0,000	2,760	0,000	58,250	16469,430	144969,620	-128500,190
2152+0,00	0,000	2,980	0,000	57,410	16469,430	145027,030	-128557,600
2153+0,00	0,000	3,060	0,000	60,400	16469,430	145087,430	-128618,000
2154+0,00	0,000	3,550	0,000	66,050	16469,430	145153,480	-128684,050
2155+0,00	0,000	4,130	0,000	76,720	16469,430	145230,200	-128760,770
2156+0,00	0,000	3,060	0,000	71,830	16469,430	145302,040	-128832,610
2157+0,00	0,000	3,060	0,000	61,170	16469,430	145363,200	-128893,770
2158+0,00	0,000	2,830	0,000	58,890	16469,430	145422,090	-128952,660
2159+0,00	0,000	2,390	0,000	52,020	16469,430	145474,110	-129004,680
2160+0,00	0,000	3,750	0,000	61,400	16469,430	145535,510	-129066,080
2161+0,00	0,000	3,670	0,000	74,240	16469,430	145609,750	-129140,320
2162+0,00	0,000	3,590	0,000	72,610	16469,430	145682,370	-129212,940
2163+0,00	0,000	2,640	0,000	62,250	16469,430	145744,610	-129275,180
2164+0,00	0,000	2,750	0,000	54,000	16469,430	145798,610	-129329,180
2165+0,00	0,000	2,630	0,000	53,770	16469,430	145852,380	-129382,950
2166+0,00	0,000	3,020	0,000	56,500	16469,430	145908,880	-129439,450

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2167+0,00	0,000	3,830	0,000	68,550	16469,430	145977,430	-129508,000
2168+0,00	0,000	2,990	0,000	68,240	16469,430	146045,670	-129576,240
2169+0,00	0,000	2,710	0,000	56,970	16469,430	146102,640	-129633,210
2170+0,00	0,000	2,650	0,000	53,530	16469,430	146156,170	-129686,740
2171+0,00	0,000	2,860	0,000	55,090	16469,430	146211,260	-129741,830
2172+0,00	0,000	2,340	0,000	52,010	16469,430	146263,270	-129793,840
2173+0,00	0,000	1,760	0,000	41,000	16469,430	146304,270	-129834,840
2174+0,00	0,000	1,350	0,000	31,090	16469,430	146335,360	-129865,930
2175+0,00	0,030	0,510	0,290	18,590	16469,710	146353,940	-129884,230
2176+0,00	0,000	0,770	0,320	12,790	16470,040	146366,740	-129896,700
2177+0,00	0,000	1,380	0,040	21,460	16470,070	146388,190	-129918,120
2178+0,00	0,000	2,300	0,000	36,760	16470,070	146424,950	-129954,880
2179+0,00	0,000	2,910	0,000	52,140	16470,070	146477,090	-130007,020
2180+0,00	0,000	2,980	0,000	58,900	16470,070	146535,990	-130065,920
2181+0,00	0,000	3,080	0,000	60,540	16470,070	146596,530	-130126,460
2182+0,00	0,000	3,590	0,000	66,700	16470,070	146663,230	-130193,160
2183+0,00	0,000	3,120	0,000	67,080	16470,070	146730,300	-130260,230
2184+0,00	0,000	2,650	0,000	57,690	16470,070	146787,990	-130317,920
2185+0,00	0,000	1,970	0,000	46,230	16470,070	146834,220	-130364,150
2186+0,00	0,000	2,680	0,000	46,510	16470,070	146880,730	-130410,660
2187+0,00	0,000	2,710	0,000	53,930	16470,070	146934,650	-130464,580
2188+0,00	0,000	2,500	0,000	52,130	16470,070	146986,790	-130516,720
2189+0,00	0,000	2,380	0,000	48,770	16470,070	147035,560	-130565,490
2190+0,00	0,000	2,230	0,000	46,140	16470,070	147081,700	-130611,630
2191+0,00	0,000	3,000	0,000	52,360	16470,070	147134,060	-130663,990
2192+0,00	0,000	2,320	0,000	53,230	16470,070	147187,290	-130717,220
2193+0,00	0,000	1,910	0,000	42,150	16470,070	147229,440	-130759,370
2194+0,00	0,190	0,570	1,910	24,770	16471,980	147254,210	-130782,230
2195+0,00	0,770	0,120	9,650	6,900	16481,630	147261,110	-130779,480
2196+0,00	1,930	0,000	27,090	1,210	16508,720	147262,320	-130753,600
2197+0,00	0,210	0,660	21,610	6,590	16530,330	147268,910	-130738,580
2198+0,00	0,000	2,970	2,120	36,300	16532,450	147305,210	-130772,760
2199+0,00	0,050	1,980	0,550	49,420	16532,990	147354,630	-130821,640
2200+0,00	0,000	2,920	0,550	48,940	16533,540	147403,570	-130870,030
2201+0,00	0,000	5,440	0,000	83,530	16533,540	147487,110	-130953,570
2202+0,00	0,000	8,130	0,000	135,630	16533,540	147622,740	-131089,200
2203+0,00	0,000	10,820	0,000	189,440	16533,540	147812,180	-131278,640
2204+0,00	0,000	13,380	0,000	241,940	16533,540	148054,120	-131520,580
2205+0,00	0,000	12,560	0,000	259,240	16533,540	148313,360	-131779,820
2206+0,00	0,000	7,750	0,000	203,090	16533,540	148516,460	-131982,920
2207+0,00	0,000	4,520	0,000	122,680	16533,540	148639,140	-132105,600
2208+0,00	0,000	2,470	0,000	69,850	16533,540	148708,990	-132175,450
2209+0,00	0,000	2,340	0,000	48,140	16533,540	148757,130	-132223,590
2210+0,00	0,000	1,600	0,000	39,270	16533,540	148796,400	-132262,860
2211+0,00	0,000	2,380	0,000	39,830	16533,540	148836,230	-132302,690
2212+0,00	0,000	3,530	0,000	58,850	16533,540	148895,070	-132361,530
2213+0,00	0,000	4,400	0,000	79,280	16533,540	148974,350	-132440,810
2214+0,00	0,000	4,270	0,000	86,680	16533,540	149061,030	-132527,490
2215+0,00	0,000	3,220	0,000	74,640	16533,540	149135,670	-132602,130
2216+0,00	0,000	3,030	0,000	62,430	16533,540	149198,100	-132664,560
2217+0,00	0,000	2,450	0,000	54,810	16533,540	149252,910	-132719,370
2218+0,00	0,010	1,580	0,150	40,360	16533,690	149293,270	-132759,580
2219+0,00	0,250	0,750	2,630	23,310	16536,320	149316,580	-132780,260
2220+0,00	1,560	0,000	18,080	7,480	16554,400	149324,060	-132769,660
2221+0,00	2,960	0,000	45,190	0,000	16599,600	149324,060	-132724,460
2222+0,00	1,460	0,100	44,180	1,010	16643,770	149325,080	-132681,310
2223+0,00	0,640	0,720	20,960	8,180	16664,740	149333,260	-132668,520
2224+0,00	0,070	2,110	7,100	28,230	16671,840	149361,490	-132689,650
2225+0,00	0,010	2,670	0,780	47,730	16672,620	149409,220	-132736,600
2226+0,00	0,000	2,760	0,060	54,290	16672,690	149463,510	-132790,820
2227+0,00	0,000	3,330	0,000	60,910	16672,690	149524,420	-132851,730
2228+0,00	0,000	4,210	0,000	75,390	16672,690	149599,810	-132927,120
2229+0,00	0,000	5,240	0,000	94,470	16672,690	149694,280	-133021,590
2230+0,00	0,000	6,860	0,000	121,000	16672,690	149815,280	-133142,590

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2231+0,00	0,000	6,430	0,000	132,900	16672,690	149948,180	-133275,490
2232+0,00	0,000	3,270	0,000	97,850	16672,690	150046,030	-133373,340
2233+0,00	0,000	3,140	0,000	64,050	16672,690	150110,080	-133437,390
2234+0,00	0,000	3,490	0,000	66,420	16672,690	150176,500	-133503,810
2235+0,00	0,000	0,000	0,000	34,950	16672,690	150211,450	-133538,760
2236+0,00	0,000	3,300	0,000	33,000	16672,690	150244,450	-133571,760
2237+0,00	0,000	2,810	0,000	61,070	16672,690	150305,510	-133632,820
2238+0,00	0,000	3,040	0,000	58,530	16672,690	150364,050	-133691,360
2239+0,00	0,000	2,640	0,000	57,030	16672,690	150421,070	-133748,380
2240+0,00	0,000	2,120	0,000	47,590	16672,690	150468,660	-133795,970
2241+0,00	0,050	0,540	0,450	26,630	16673,140	150495,280	-133822,140
2242+0,00	0,730	0,000	7,790	5,450	16680,930	150500,730	-133819,800
2243+0,00	1,770	0,000	25,040	0,000	16705,960	150500,730	-133794,770
2244+0,00	1,590	0,000	33,890	0,000	16739,860	150500,730	-133760,870
2245+0,00	0,720	0,000	23,010	0,000	16762,870	150500,730	-133737,860
2246+0,00	0,000	1,140	7,150	11,420	16770,020	150512,150	-133742,130
2247+0,00	0,000	2,120	0,000	32,600	16770,020	150544,750	-133774,730
2248+0,00	0,000	2,520	0,000	46,360	16770,020	150591,110	-133821,090
2249+0,00	0,000	2,850	0,000	53,670	16770,020	150644,780	-133874,760
2250+0,00	0,000	1,700	0,010	45,480	16770,030	150690,260	-133920,230
2251+0,00	0,090	0,870	0,870	25,720	16770,900	150715,980	-133945,080
2252+0,00	0,120	0,830	2,050	17,010	16772,950	150732,990	-133960,040
2253+0,00	0,000	1,690	1,180	25,150	16774,130	150758,140	-133984,010
2254+0,00	0,000	2,740	0,000	44,350	16774,130	150802,500	-134028,370
2255+0,00	0,000	3,390	0,000	61,240	16774,130	150863,740	-134089,610
2256+0,00	0,000	5,770	0,000	91,580	16774,130	150955,320	-134181,190
2257+0,00	0,000	5,710	0,000	114,750	16774,130	151070,070	-134295,940
2258+0,00	0,000	6,120	0,000	117,750	16774,130	151187,820	-134413,690
2259+0,00	0,000	5,710	0,000	118,240	16774,130	151306,070	-134531,940
2260+0,00	0,000	4,510	0,000	102,150	16774,130	151408,210	-134634,080
2261+0,00	0,000	2,860	0,000	73,710	16774,130	151481,920	-134707,790
2262+0,00	0,310	0,120	3,060	29,850	16777,190	151511,770	-134734,580
2263+0,00	3,890	0,000	42,010	1,200	16819,210	151512,970	-134693,760
2264+0,00	7,600	0,000	114,910	0,000	16934,110	151512,970	-134578,860
2265+0,00	7,800	0,000	153,430	0,000	17087,550	151512,970	-134425,420
2266+0,00	7,940	0,000	157,360	0,000	17244,910	151512,970	-134268,060
2267+0,00	6,800	0,000	146,770	0,000	17391,680	151512,970	-134121,290
2268+0,00	6,190	0,000	129,890	0,000	17521,570	151512,970	-133991,400
2269+0,00	2,030	0,000	82,180	0,000	17603,750	151512,970	-133909,220
2270+0,00	0,210	0,630	22,190	6,420	17625,940	151519,390	-133893,450
2271+0,00	0,000	2,340	2,090	29,760	17628,030	151549,150	-133921,120
2272+0,00	0,000	4,020	0,000	63,340	17628,030	151612,490	-133984,460
2273+0,00	0,000	6,200	0,000	102,240	17628,030	151714,740	-134086,710
2274+0,00	0,000	6,410	0,000	126,120	17628,030	151840,860	-134212,830
2275+0,00	0,000	5,620	0,000	120,000	17628,030	151960,860	-134332,830
2276+0,00	0,000	4,230	0,000	98,490	17628,030	152059,350	-134431,320
2277+0,00	0,000	3,310	0,000	75,410	17628,030	152134,760	-134506,730
2278+0,00	0,000	2,620	0,000	59,250	17628,030	152194,020	-134565,990
2279+0,00	0,000	2,350	0,000	49,700	17628,030	152243,710	-134615,680
2280+0,00	0,140	1,010	1,290	34,430	17629,320	152278,140	-134648,820
2281+0,00	0,000	1,950	1,380	29,570	17630,690	152307,710	-134677,020
2282+0,00	0,000	3,950	0,000	59,480	17630,690	152367,190	-134736,500
2283+0,00	0,000	5,010	0,000	89,600	17630,690	152456,790	-134826,100
2284+0,00	0,000	6,570	0,000	116,020	17630,690	152572,810	-134942,120
2285+0,00	0,000	5,580	0,000	121,540	17630,690	152694,360	-135063,670
2286+0,00	0,000	4,030	0,000	96,110	17630,690	152790,470	-135159,780
2287+0,00	0,000	6,620	0,000	106,110	17630,690	152896,580	-135265,890
2288+0,00	0,000	4,390	0,000	110,130	17630,690	153006,710	-135376,020
2289+0,00	0,000	3,500	0,000	78,400	17630,690	153085,110	-135454,420
2290+0,00	0,000	2,760	0,000	62,630	17630,690	153147,740	-135517,050
2291+0,00	0,000	2,550	0,000	52,870	17630,690	153200,610	-135569,920
2292+0,00	0,000	0,000	0,000	25,490	17630,690	153226,100	-135595,410
2293+0,00	0,000	2,870	0,000	28,690	17630,690	153254,790	-135624,100
2294+0,00	0,000	2,570	0,000	54,830	17630,690	153309,620	-135678,930

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2295+0,00	0,000	2,580	0,000	51,540	17630,690	153361,170	-135730,480
2296+0,00	0,000	2,470	0,000	50,530	17630,690	153411,690	-135781,000
2297+0,00	0,000	2,070	0,000	45,800	17630,690	153457,500	-135826,810
2298+0,00	0,000	5,460	0,000	75,320	17630,690	153532,820	-135902,130
2299+0,00	0,000	7,790	0,000	132,480	17630,690	153665,290	-136034,600
2300+0,00	0,000	6,990	0,000	147,830	17630,690	153813,120	-136182,430
2301+0,00	0,000	4,710	0,000	117,010	17630,690	153930,140	-136299,450
2302+0,00	0,000	2,480	0,000	71,940	17630,690	154002,070	-136371,380
2303+0,00	0,580	0,100	5,990	25,640	17636,680	154027,710	-136391,030
2304+0,00	1,400	0,000	19,770	1,000	17656,450	154028,720	-136372,270
2305+0,00	2,730	0,000	41,720	0,000	17698,170	154028,720	-136330,550
2306+0,00	2,790	0,000	55,200	0,000	17753,370	154028,720	-136275,350
2307+0,00	1,560	0,000	43,880	0,000	17797,250	154028,720	-136231,470
2308+0,00	0,070	0,890	16,310	8,900	17813,570	154037,620	-136224,050
2309+0,00	0,000	4,510	0,730	53,960	17814,300	154091,580	-136277,280
2310+0,00	0,000	9,740	0,000	143,380	17814,300	154234,960	-136420,660
2311+0,00	0,000	13,500	0,000	232,420	17814,300	154467,380	-136653,080
2312+0,00	0,000	16,420	0,000	299,170	17814,300	154766,550	-136952,250
2313+0,00	0,000	17,560	0,000	339,800	17814,300	155106,350	-137292,050
2314+0,00	0,000	15,850	0,000	334,150	17814,300	155440,500	-137626,200
2315+0,00	0,000	13,430	0,000	292,810	17814,300	155733,310	-137919,010
2316+0,00	0,000	10,160	0,000	235,910	17814,300	155969,220	-138154,920
2317+0,00	0,000	7,070	0,000	172,360	17814,300	156141,580	-138327,280
2318+0,00	0,000	3,960	0,000	110,310	17814,300	156251,890	-138437,590
2319+0,00	0,000	3,090	0,000	71,040	17814,300	156322,930	-138508,630
2320+0,00	0,000	3,040	0,000	61,310	17814,300	156384,240	-138569,940
2321+0,00	0,000	2,890	0,000	60,120	17814,300	156444,360	-138630,060
2322+0,00	0,000	3,590	0,000	64,840	17814,300	156509,200	-138694,900
2323+0,00	0,000	4,260	0,000	78,740	17814,300	156587,940	-138773,640
2324+0,00	0,000	3,200	0,000	74,620	17814,300	156662,560	-138848,260
2325+0,00	0,000	2,600	0,000	58,050	17814,300	156720,610	-138906,310
2326+0,00	0,000	2,650	0,000	52,480	17814,300	156773,090	-138958,790
2327+0,00	0,000	2,590	0,000	52,370	17814,300	156825,460	-139011,160
2328+0,00	0,000	2,570	0,000	51,580	17814,300	156877,050	-139062,750
2329+0,00	0,000	2,350	0,000	49,250	17814,300	156926,290	-139111,990
2330+0,00	0,000	2,480	0,000	48,380	17814,300	156974,670	-139160,370
2331+0,00	0,000	2,660	0,000	51,370	17814,300	157026,040	-139211,740
2332+0,00	0,000	2,670	0,000	53,300	17814,300	157079,340	-139265,040
2333+0,00	0,000	3,030	0,000	56,980	17814,300	157136,320	-139322,020
2334+0,00	0,000	3,130	0,000	61,540	17814,300	157197,860	-139383,560
2335+0,00	0,000	3,130	0,000	62,580	17814,300	157260,440	-139446,140
2336+0,00	0,000	3,290	0,000	63,850	17814,300	157324,300	-139510,000
2337+0,00	0,000	3,500	0,000	67,780	17814,300	157392,080	-139577,780
2338+0,00	0,000	2,650	0,000	61,450	17814,300	157453,530	-139639,230
2339+0,00	0,000	2,350	0,000	49,730	17814,300	157503,260	-139688,960
2340+0,00	0,000	3,000	0,000	53,310	17814,300	157556,560	-139742,260
2341+0,00	0,000	3,760	0,000	67,370	17814,300	157623,930	-139809,630
2342+0,00	0,000	0,000	0,000	37,630	17814,300	157661,560	-139847,260
2343+0,00	0,000	3,880	0,000	38,690	17814,300	157700,240	-139885,940
2344+0,00	0,000	3,040	0,000	69,210	17814,300	157769,450	-139955,150
2345+0,00	0,000	3,130	0,000	61,690	17814,300	157831,140	-140016,840
2346+0,00	0,000	2,510	0,000	56,680	17814,300	157887,820	-140073,520
2347+0,00	0,000	2,770	0,000	52,930	17814,300	157940,750	-140126,450
2348+0,00	0,000	3,410	0,000	61,740	17814,300	158002,490	-140188,190
2349+0,00	0,000	3,110	0,000	65,220	17814,300	158067,710	-140253,410
2350+0,00	0,000	2,620	0,000	57,370	17814,300	158125,080	-140310,780
2351+0,00	0,000	2,850	0,000	54,800	17814,300	158179,880	-140365,580
2352+0,00	0,000	2,980	0,000	58,450	17814,300	158238,340	-140424,040
2353+0,00	0,000	2,580	0,000	55,650	17814,300	158293,980	-140479,680
2354+0,00	0,000	2,590	0,000	51,630	17814,300	158345,610	-140531,310
2355+0,00	0,000	2,590	0,000	51,770	17814,300	158397,380	-140583,080
2356+0,00	0,000	2,370	0,000	49,610	17814,300	158446,980	-140632,680
2357+0,00	0,060	0,720	0,650	30,870	17814,940	158477,860	-140662,920
2358+0,00	0,000	0,000	0,650	7,170	17815,590	158485,030	-140669,440

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2359+0,00	1,960	0,000	19,600	0,000	17835,190	158485,030	-140649,840
2360+0,00	0,080	0,480	20,400	4,800	17855,590	158489,830	-140634,240
2361+0,00	0,000	1,950	0,760	24,290	17856,350	158514,120	-140657,770
2362+0,00	0,060	0,880	0,590	28,290	17856,940	158542,410	-140685,470
2363+0,00	0,030	0,580	0,840	14,620	17857,790	158557,030	-140699,240
2364+0,00	0,000	2,660	0,250	32,500	17858,030	158589,530	-140731,500
2365+0,00	0,000	2,100	0,000	47,510	17858,030	158637,040	-140779,010
2366+0,00	0,000	1,880	0,000	39,790	17858,030	158676,830	-140818,800
2367+0,00	0,000	2,320	0,000	42,050	17858,030	158718,870	-140860,840
2368+0,00	0,000	1,780	0,000	41,020	17858,030	158759,890	-140901,860
2369+0,00	0,210	0,000	2,070	17,790	17860,100	158777,680	-140917,580
2370+0,00	1,930	0,000	21,350	0,000	17881,450	158777,680	-140896,230
2371+0,00	3,050	0,000	49,980	0,000	17931,430	158777,680	-140846,250
2372+0,00	3,940	0,000	69,930	0,000	18001,360	158777,680	-140776,320
2373+0,00	4,970	0,000	89,080	0,000	18090,450	158777,680	-140687,230
2374+0,00	4,300	0,000	92,700	0,000	18183,150	158777,680	-140594,530
2375+0,00	3,270	0,000	75,770	0,000	18258,920	158777,680	-140518,760
2376+0,00	1,780	0,000	50,500	0,000	18309,420	158777,680	-140468,260
2377+0,00	0,240	0,240	20,230	2,410	18329,650	158780,080	-140450,430
2378+0,00	0,000	1,440	2,360	16,870	18332,020	158796,950	-140464,930
2379+0,00	0,000	2,590	0,000	40,340	18332,020	158837,290	-140505,270
2380+0,00	0,000	2,660	0,000	52,460	18332,020	158889,740	-140557,720
2381+0,00	0,000	2,780	0,000	54,370	18332,020	158944,110	-140612,090
2382+0,00	0,000	2,570	0,000	53,550	18332,020	158997,660	-140665,640
2383+0,00	0,000	2,470	0,000	50,460	18332,020	159048,120	-140716,100
2384+0,00	0,000	2,600	0,000	50,680	18332,020	159098,800	-140766,780
2385+0,00	0,030	0,650	0,300	32,440	18332,310	159131,230	-140798,920
2386+0,00	1,370	0,000	14,020	6,460	18346,330	159137,690	-140791,360
2387+0,00	0,820	0,000	21,940	0,000	18368,270	159137,690	-140769,420
2388+0,00	0,110	0,690	9,250	6,860	18377,530	159144,550	-140767,020
2389+0,00	0,000	1,970	1,080	26,610	18378,600	159171,150	-140792,550
2390+0,00	0,000	2,940	0,000	49,140	18378,600	159220,290	-140841,690
2391+0,00	0,000	3,840	0,000	67,780	18378,600	159288,070	-140909,470
2392+0,00	0,000	4,200	0,000	80,380	18378,600	159368,450	-140989,850
2393+0,00	0,000	3,930	0,000	81,310	18378,600	159449,760	-141071,160
2394+0,00	0,000	3,440	0,000	73,730	18378,600	159523,490	-141144,890
2395+0,00	0,000	2,880	0,000	63,230	18378,600	159586,720	-141208,120
2396+0,00	0,000	2,880	0,000	57,670	18378,600	159644,390	-141265,790
2397+0,00	0,000	3,050	0,000	59,370	18378,600	159703,760	-141325,160
2398+0,00	0,000	2,950	0,000	60,010	18378,600	159763,770	-141385,170
2399+0,00	0,000	3,540	0,000	64,630	18378,600	159828,400	-141449,800
2400+0,00	0,000	3,360	0,000	68,970	18378,600	159897,370	-141518,770
2401+0,00	0,000	3,400	0,000	67,200	18378,600	159964,570	-141585,970
2402+0,00	0,000	2,850	0,000	62,450	18378,600	160027,020	-141648,420
2403+0,00	0,000	2,780	0,000	56,250	18378,600	160083,270	-141704,670
2404+0,00	0,000	2,630	0,000	54,010	18378,600	160137,280	-141758,680
2405+0,00	0,000	3,020	0,000	56,330	18378,600	160193,620	-141815,020
2406+0,00	0,000	3,590	0,000	66,080	18378,600	160259,700	-141881,100
2407+0,00	0,000	3,140	0,000	67,310	18378,600	160327,010	-141948,410
2408+0,00	0,000	2,930	0,000	60,710	18378,600	160387,720	-142009,120
2409+0,00	0,000	3,090	0,000	60,200	18378,600	160447,920	-142069,320
2410+0,00	0,000	2,800	0,000	58,910	18378,600	160506,830	-142128,230
2411+0,00	0,000	3,140	0,000	59,390	18378,600	160566,220	-142187,620
2412+0,00	0,000	3,640	0,000	67,830	18378,600	160634,050	-142255,450
2413+0,00	0,000	3,650	0,000	72,920	18378,600	160706,980	-142328,380
2414+0,00	0,000	3,340	0,000	69,850	18378,600	160776,820	-142398,220
2415+0,00	0,000	2,850	0,000	61,870	18378,600	160838,700	-142460,100
2416+0,00	0,000	2,350	0,000	51,990	18378,600	160890,680	-142512,080
2417+0,00	0,000	2,640	0,000	49,950	18378,600	160940,630	-142562,030
2418+0,00	0,000	2,300	0,000	49,490	18378,600	160990,130	-142611,530
2419+0,00	0,000	2,020	0,000	43,280	18378,600	161033,400	-142654,800
2420+0,00	0,000	2,510	0,000	45,370	18378,600	161078,770	-142700,170
2421+0,00	0,000	2,740	0,000	52,500	18378,600	161131,270	-142752,670
2422+0,00	0,000	2,310	0,000	50,500	18378,600	161181,770	-142803,170

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2423+0,00	0,000	2,950	0,000	52,500	18378,600	161234,280	-142855,680
2424+0,00	0,000	3,130	0,000	60,740	18378,600	161295,020	-142916,420
2425+0,00	0,000	3,080	0,000	62,070	18378,600	161357,090	-142978,490
2426+0,00	0,000	2,680	0,000	57,550	18378,600	161414,640	-143036,040
2427+0,00	0,000	2,790	0,000	54,700	18378,600	161469,340	-143090,740
2428+0,00	0,000	2,000	0,000	47,940	18378,600	161517,280	-143138,680
2429+0,00	0,000	0,980	0,000	29,770	18378,600	161547,050	-143168,450
2430+0,00	0,870	0,000	8,650	9,760	18387,260	161556,820	-143169,560
2431+0,00	2,210	0,000	30,730	0,000	18417,990	161556,820	-143138,830
2432+0,00	2,400	0,000	46,050	0,000	18464,040	161556,820	-143092,780
2433+0,00	2,450	0,000	48,470	0,000	18512,510	161556,820	-143044,310
2434+0,00	1,700	0,000	41,470	0,000	18553,980	161556,820	-143002,840
2435+0,00	0,000	0,270	17,000	2,670	18570,970	161559,490	-142988,520
2436+0,00	0,000	2,450	0,030	27,210	18571,000	161586,690	-143015,690
2437+0,00	0,000	2,960	0,000	54,170	18571,000	161640,870	-143069,870
2438+0,00	0,000	3,470	0,000	64,350	18571,000	161705,220	-143134,220
2439+0,00	0,000	3,140	0,000	66,130	18571,000	161771,340	-143200,340
2440+0,00	0,000	2,670	0,000	57,990	18571,000	161829,340	-143258,340
2441+0,00	0,000	2,090	0,000	47,610	18571,000	161876,950	-143305,950
2442+0,00	0,000	2,270	0,000	43,600	18571,000	161920,540	-143349,540
2443+0,00	0,000	1,900	0,000	41,750	18571,000	161962,300	-143391,300
2444+0,00	0,000	1,840	0,000	37,470	18571,000	161999,770	-143428,770
2445+0,00	0,000	2,000	0,000	38,460	18571,000	162038,230	-143467,230
2446+0,00	0,000	2,910	0,000	49,110	18571,000	162087,350	-143516,350
2447+0,00	0,000	2,950	0,000	58,570	18571,000	162145,920	-143574,920
2448+0,00	0,000	1,970	0,000	49,230	18571,000	162195,150	-143624,150
2449+0,00	0,000	2,610	0,000	45,800	18571,000	162240,950	-143669,950
2450+0,00	0,000	3,550	0,000	61,580	18571,000	162302,530	-143731,530
2451+0,00	0,000	3,390	0,000	69,400	18571,000	162371,920	-143800,920
2452+0,00	0,000	3,410	0,000	68,030	18571,000	162439,950	-143868,950
2453+0,00	0,000	3,530	0,000	69,420	18571,000	162509,370	-143938,370
2454+0,00	0,000	3,500	0,000	70,280	18571,000	162579,650	-144008,650
2455+0,00	0,000	3,430	0,000	69,280	18571,000	162648,930	-144077,930
2456+0,00	0,000	3,360	0,000	67,850	18571,000	162716,770	-144145,770
2457+0,00	0,000	3,290	0,000	66,520	18571,000	162783,290	-144212,290
2458+0,00	0,000	3,200	0,000	64,890	18571,000	162848,170	-144277,170
2459+0,00	0,000	3,130	0,000	63,290	18571,000	162911,460	-144340,460
2460+0,00	0,000	2,900	0,000	60,330	18571,000	162971,790	-144400,790
2461+0,00	0,000	2,690	0,000	55,870	18571,000	163027,660	-144456,660
2462+0,00	0,000	2,460	0,000	51,460	18571,000	163079,120	-144508,120
2463+0,00	0,000	2,560	0,000	50,150	18571,000	163129,270	-144558,270
2464+0,00	0,000	2,020	0,000	45,750	18571,000	163175,020	-144604,020
2465+0,00	0,290	0,250	2,920	22,630	18573,920	163197,650	-144623,730
2466+0,00	1,640	0,000	19,350	2,460	18593,270	163200,110	-144606,840
2467+0,00	3,110	0,000	47,540	0,000	18640,800	163200,110	-144559,310
2468+0,00	2,370	0,000	54,800	0,000	18695,610	163200,110	-144504,500
2469+0,00	1,100	0,030	34,670	0,340	18730,280	163200,450	-144470,170
2470+0,00	0,290	0,930	13,910	9,660	18744,190	163210,120	-144465,930
2471+0,00	0,000	2,590	2,920	35,220	18747,110	163245,330	-144498,220
2472+0,00	0,160	1,220	1,580	38,080	18748,690	163283,410	-144534,720
2473+0,00	0,610	0,490	7,730	17,110	18756,430	163300,520	-144544,090
2474+0,00	0,920	0,160	15,310	6,570	18771,740	163307,090	-144535,350
2475+0,00	0,670	0,340	15,900	5,020	18787,640	163312,110	-144524,470
2476+0,00	0,020	1,760	7,070	20,740	18794,710	163332,850	-144538,140
2477+0,00	0,000	3,110	0,190	48,740	18794,910	163381,590	-144586,680
2478+0,00	0,000	4,720	0,000	77,810	18794,910	163459,400	-144664,490
2479+0,00	0,000	5,920	0,000	106,380	18794,910	163565,780	-144770,870
2480+0,00	0,000	4,440	0,000	103,560	18794,910	163669,330	-144874,420
2481+0,00	0,000	3,090	0,000	75,380	18794,910	163744,710	-144949,800
2482+0,00	0,000	3,220	0,000	63,110	18794,910	163807,820	-145012,910
2483+0,00	0,000	3,470	0,000	66,890	18794,910	163874,710	-145079,800
2484+0,00	0,000	2,700	0,000	61,860	18794,910	163936,570	-145141,660
2485+0,00	0,000	2,420	0,000	51,190	18794,910	163987,770	-145192,860
2486+0,00	0,000	2,410	0,000	48,310	18794,910	164036,080	-145241,170

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2487+0,00	0,000	2,780	0,000	51,900	18794,910	164087,970	-145293,060
2488+0,00	0,000	2,950	0,000	57,320	18794,910	164145,290	-145350,380
2489+0,00	0,000	2,700	0,000	56,510	18794,910	164201,800	-145406,890
2490+0,00	0,000	1,930	0,000	46,310	18794,910	164248,110	-145453,200
2491+0,00	0,000	1,070	0,000	29,990	18794,910	164278,100	-145483,190
2492+0,00	0,080	0,090	0,770	11,570	18795,680	164289,670	-145493,990
2493+0,00	1,340	0,000	14,220	0,860	18809,900	164290,530	-145480,630
2494+0,00	2,100	0,000	34,460	0,000	18844,360	164290,530	-145446,170
2495+0,00	2,730	0,000	48,290	0,000	18892,650	164290,530	-145397,880
2496+0,00	2,900	0,000	56,260	0,000	18948,910	164290,530	-145341,620
2497+0,00	2,800	0,000	56,950	0,000	19005,860	164290,530	-145284,670
2498+0,00	2,350	0,000	51,500	0,000	19057,370	164290,530	-145233,160
2499+0,00	1,170	0,000	35,280	0,000	19092,650	164290,530	-145197,880
2500+0,00	0,060	0,150	12,300	1,470	19104,940	164292,010	-145187,070
2501+0,00	0,000	1,070	0,560	12,140	19105,500	164304,150	-145198,650
2502+0,00	0,000	2,160	0,000	32,300	19105,500	164336,450	-145230,950
2503+0,00	0,000	2,540	0,000	46,990	19105,500	164383,440	-145277,940
2504+0,00	0,000	2,690	0,000	52,400	19105,500	164435,840	-145330,340
2505+0,00	0,000	1,680	0,000	43,700	19105,500	164479,540	-145374,040
2506+0,00	0,000	1,340	0,000	30,250	19105,510	164509,800	-145404,290
2507+0,00	0,000	2,340	0,000	37,020	19105,510	164546,820	-145441,310
2508+0,00	0,000	3,080	0,000	54,200	19105,510	164601,020	-145495,510
2509+0,00	0,000	2,540	0,000	56,390	19105,510	164657,410	-145551,900
2510+0,00	0,000	2,660	0,000	52,050	19105,510	164709,450	-145603,940
2511+0,00	0,000	2,950	0,000	56,080	19105,510	164765,530	-145660,020
2512+0,00	0,000	3,520	0,000	64,740	19105,510	164830,260	-145724,750
2513+0,00	0,000	3,040	0,000	65,660	19105,510	164895,930	-145790,420
2514+0,00	0,000	3,500	0,000	65,390	19105,510	164961,320	-145855,810
2515+0,00	0,000	3,660	0,000	71,600	19105,510	165032,920	-145927,410
2516+0,00	0,000	3,800	0,000	74,640	19105,510	165107,570	-146002,060
2517+0,00	0,000	4,280	0,000	80,760	19105,510	165188,320	-146082,810
2518+0,00	0,000	4,270	0,000	85,480	19105,510	165273,810	-146168,300
2519+0,00	0,000	3,100	0,000	73,680	19105,510	165347,490	-146241,980
2520+0,00	0,000	2,760	0,000	58,570	19105,510	165406,060	-146300,550
2521+0,00	0,000	2,250	0,000	50,100	19105,510	165456,160	-146350,650
2522+0,00	0,000	1,520	0,000	37,750	19105,510	165493,910	-146388,400
2523+0,00	0,000	2,590	0,000	41,160	19105,510	165535,070	-146429,560
2524+0,00	0,000	3,000	0,000	55,900	19105,510	165590,970	-146485,460
2525+0,00	0,000	2,350	0,000	53,500	19105,510	165644,470	-146538,960
2526+0,00	0,000	2,360	0,000	47,050	19105,510	165691,520	-146586,010
2527+0,00	0,000	2,780	0,000	51,060	19105,510	165742,570	-146637,060
2528+0,00	0,000	3,400	0,000	61,760	19105,510	165804,330	-146698,820
2529+0,00	0,000	3,350	0,000	67,430	19105,510	165871,760	-146766,250
2530+0,00	0,000	0,000	0,000	33,550	19105,510	165905,310	-146799,800
2531+0,00	0,000	3,330	0,000	33,270	19105,510	165938,570	-146833,060
2532+0,00	0,000	3,190	0,000	65,160	19105,510	166003,740	-146898,230
2533+0,00	0,000	2,820	0,000	60,070	19105,510	166063,800	-146958,290
2534+0,00	0,000	2,540	0,000	53,580	19105,510	166117,390	-147011,880
2535+0,00	0,000	2,270	0,000	48,120	19105,510	166165,510	-147060,000
2536+0,00	0,000	2,560	0,000	48,320	19105,510	166213,820	-147108,310
2537+0,00	0,000	2,800	0,000	53,620	19105,510	166267,450	-147161,940
2538+0,00	0,000	0,810	0,030	36,140	19105,540	166303,590	-147198,050
2539+0,00	0,000	1,220	0,030	20,360	19105,570	166323,940	-147218,370
2540+0,00	0,000	3,250	0,000	44,750	19105,570	166368,700	-147263,130
2541+0,00	0,000	4,000	0,000	72,530	19105,570	166441,220	-147335,650
2542+0,00	0,000	4,970	0,000	89,660	19105,570	166530,890	-147425,320
2543+0,00	0,000	7,780	0,000	127,480	19105,570	166658,370	-147552,800
2544+0,00	0,000	8,390	0,000	161,660	19105,570	166820,020	-147714,450
2545+0,00	0,000	7,820	0,000	161,980	19105,570	166982,010	-147876,440
2546+0,00	0,000	3,110	0,000	109,240	19105,570	167091,250	-147985,680
2547+0,00	0,000	3,000	0,000	61,080	19105,570	167152,330	-148046,760
2548+0,00	0,000	3,110	0,000	61,090	19105,570	167213,430	-148107,860
2549+0,00	0,000	2,890	0,000	60,030	19105,570	167273,450	-148167,880
2550+0,00	0,000	4,020	0,000	69,060	19105,570	167342,510	-148236,940

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m3)	Volume de Aterro (m3)	Volum. Corte Acum. (m3)	Volum Aterro Acum. (m3)	Volume Líquido (m3)
2551+0,00	0,000	2,630	0,000	66,480	19105,570	167408,990	-148303,420
2552+0,00	0,000	3,270	0,000	59,590	19105,570	167468,580	-148363,010
2553+0,00	0,000	3,500	0,000	67,790	19105,570	167536,370	-148430,800
2554+0,00	0,000	3,680	0,000	72,200	19105,570	167608,580	-148503,010
2555+0,00	0,020	3,340	0,180	70,140	19105,750	167678,710	-148572,960
2556+0,00	0,000	2,830	0,180	62,290	19105,930	167741,010	-148635,080
2557+0,00	0,040	2,800	0,440	56,300	19106,370	167797,300	-148690,930
2558+0,00	0,040	2,670	0,890	54,710	19107,260	167852,010	-148744,750
2559+0,00	0,010	0,000	0,570	26,690	19107,830	167878,700	-148770,870
2560+0,00	0,010	3,890	0,180	38,810	19108,010	167917,510	-148809,500
2561+0,00	0,010	3,380	0,130	72,770	19108,140	167990,280	-148882,140
2562+0,00	0,060	2,610	0,650	59,930	19108,790	168050,200	-148941,410
2563+0,00	0,020	2,800	0,780	53,330	19109,570	168103,540	-148993,970
2564+0,00	0,000	4,110	0,180	69,160	19109,750	168172,700	-149062,950
2565+0,00	0,000	4,190	0,000	82,870	19109,750	168255,570	-149145,820
2566+0,00	0,000	3,640	0,000	78,220	19109,750	168333,790	-149224,040
2567+0,00	0,000	3,800	0,000	75,230	19109,750	168409,020	-149299,270
2568+0,00	0,000	3,730	0,000	75,340	19109,750	168484,360	-149374,610
2569+0,00	0,000	4,070	0,000	79,100	19109,750	168563,460	-149453,710
2570+0,00	0,000	3,270	0,000	73,190	19109,750	168636,660	-149526,910
2571+0,00	0,000	3,440	0,000	67,130	19109,750	168703,780	-149594,030
2572+0,00	0,000	3,060	0,000	64,970	19109,750	168768,760	-149659,010
2573+0,00	0,030	1,860	0,310	50,020	19110,060	168818,770	-149708,710
2574+0,00	0,000	2,850	0,330	47,070	19110,390	168865,840	-149755,450
2575+0,00	0,000	3,640	0,000	64,830	19110,390	168930,680	-149820,290
2576+0,00	0,010	1,360	0,080	50,180	19110,470	168980,860	-149870,390
2577+0,00	1,100	0,000	11,130	13,570	19121,600	168994,430	-149872,830
2578+0,00	0,100	0,090	12,050	0,880	19133,650	168995,320	-149861,670
2579+0,00	0,000	2,750	1,010	28,410	19134,670	169023,730	-149889,060
2580+0,00	0,000	4,120	0,000	68,700	19134,670	169092,430	-149957,760
2581+0,00	0,000	0,000	0,000	41,180	19134,670	169133,610	-149998,940
2582+0,00	0,000	0,000	0,000	0,000	19134,670	169133,610	-149998,940
2583+0,00	0,000	3,710	0,000	37,130	19134,670	169170,740	-150036,070
2584+0,00	0,000	3,280	0,000	69,890	19134,670	169240,630	-150105,960
2585+0,00	0,000	3,460	0,000	67,400	19134,670	169308,040	-150173,370
2586+0,00	0,000	3,600	0,000	70,690	19134,670	169378,720	-150244,050
2587+0,00	0,000	3,880	0,000	74,940	19134,670	169453,660	-150318,990
2588+0,00	0,000	4,140	0,000	80,260	19134,670	169533,920	-150399,250
2589+0,00	0,000	4,910	0,000	90,470	19134,670	169624,400	-150489,730
2590+0,00	0,000	7,020	0,000	119,280	19134,670	169743,680	-150609,010
2591+0,00	0,000	7,690	0,000	146,730	19134,670	169890,400	-150755,730
2592+0,00	0,000	6,890	0,000	145,790	19134,670	170036,190	-150901,520
2593+0,00	0,000	6,550	0,000	134,400	19134,670	170170,590	-151035,920
2594+0,00	0,000	5,530	0,000	120,860	19134,670	170291,460	-151156,790
2595+0,00	0,000	4,400	0,000	99,300	19134,670	170390,750	-151256,080
2596+0,00	0,000	3,950	0,010	83,280	19134,680	170474,040	-151339,360
2597+0,00	0,000	3,370	0,010	73,180	19134,690	170547,220	-151412,530
2598+0,00	0,000	2,770	0,000	61,320	19134,690	170608,540	-151473,850
2599+0,00	0,000	1,590	0,000	43,570	19134,700	170652,100	-151517,400
2599+15,00	0,680	0,300	5,140	14,160	19139,830	170666,260	-151526,430

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15.0 PERCURSO E SITUAÇÃO (RELATÓRIO FOTOGRÁFICO)

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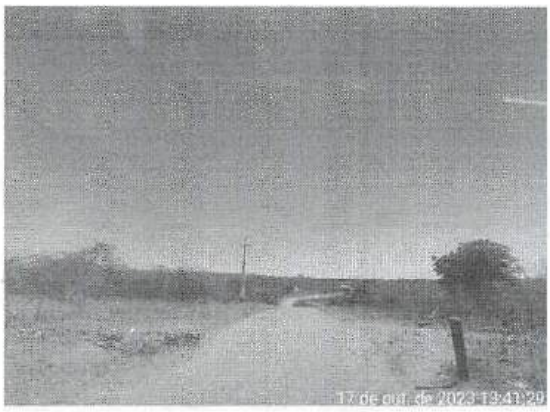

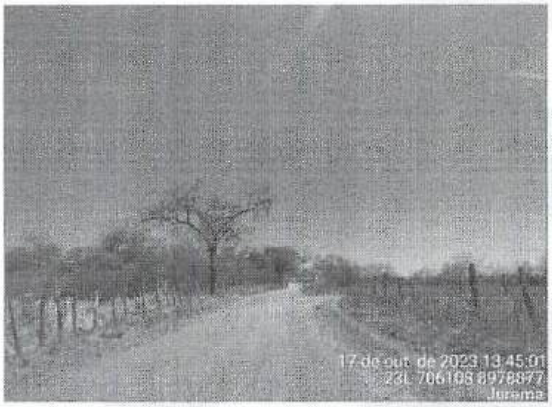

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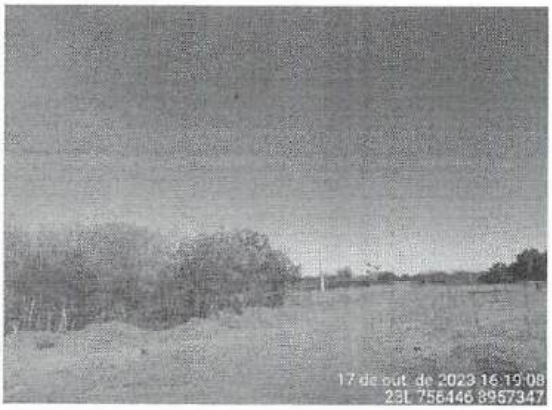

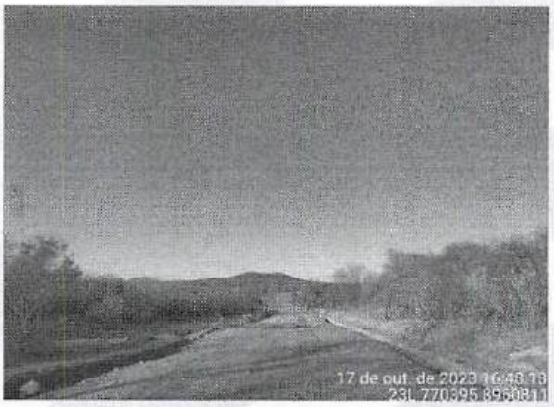

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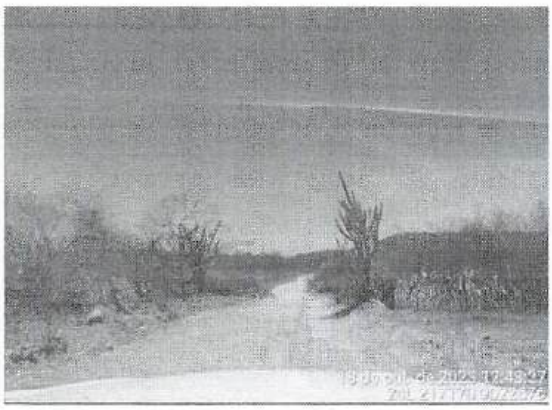

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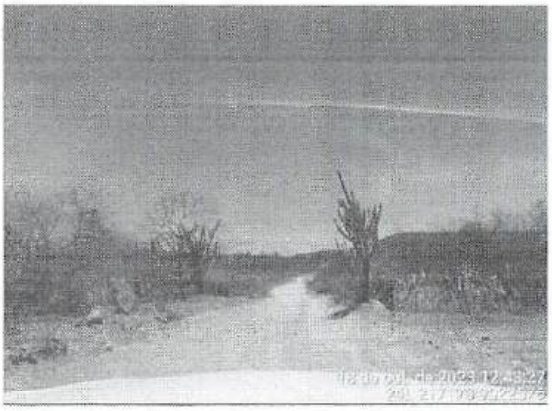

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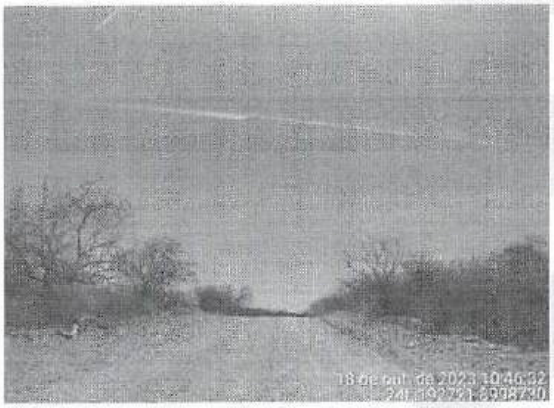

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Osvaldo Leôncio da Silva Filho
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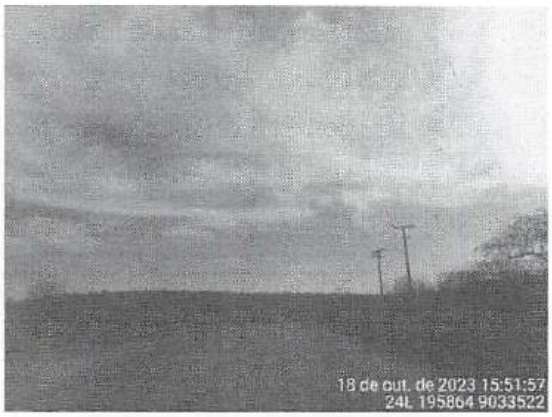
Secretaria das Cidades - Secid

- **TRECHO V.** Inicia no Município de Dom Inocêncio e finaliza no Povoado Barra do Bonito:



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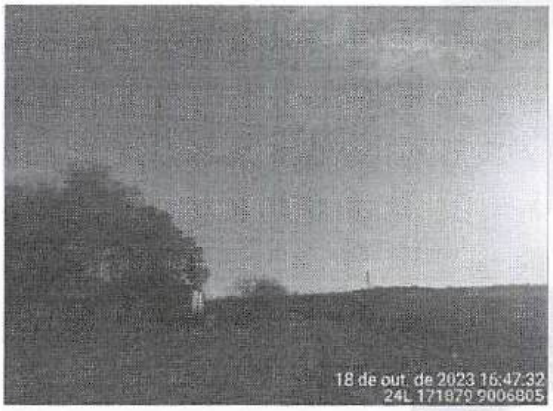

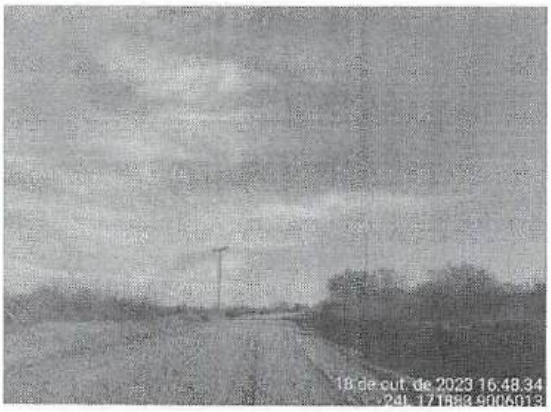

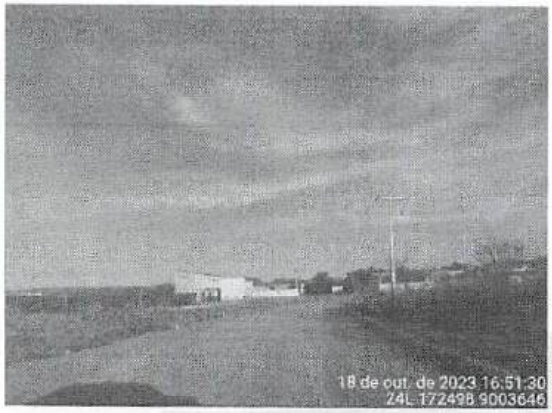

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