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

RODOVIA DE LIGAÇÃO ENTRE MUNICIPIOS DE CANAVIEIRA AO MUNICIPIO DE ELISEU MARTINS 0+0.000 2799+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. (%)
-4.179	304.576	-150.00	-4.000	304.845	-2.00	0+0.000	304.925	304.925	0.000	4.000	304.845	-2.00	4.706	305.316	66.67
-4.337	304.768	-150.00	-4.000	305.273	-2.00	1+0.000	305.353	305.129	0.224	4.000	305.273	-2.00	4.323	305.489	66.67
-4.411	305.103	-150.00	-4.000	305.719	-2.00	2+0.000	305.799	305.426	0.374	4.000	305.719	-2.00			
-4.436	305.537	-150.00	-4.000	306.191	-2.00	3+0.000	306.271	305.863	0.408	4.000	306.191	-2.00	4.022	306.159	-150.00
-4.437	306.018	-150.00	-4.000	306.673	-2.00	4+0.000	306.753	306.343	0.410	4.000	306.673	-2.00	4.023	306.638	-150.00
-4.454	306.306	-150.00	-4.000	306.986	-2.00	5+0.000	307.066	306.635	0.431	4.000	306.986	-2.00	4.035	306.934	-150.00
-4.407	306.572	-150.00	-4.000	307.183	-2.00	6+0.000	307.263	306.863	0.400	4.000	307.183	-2.00	4.036	307.129	-150.00
-4.371	306.685	-150.00	-4.000	307.241	-2.00	7+0.000	307.321	306.918	0.403	4.000	307.241	-2.00	4.053	307.161	-150.00
-4.382	306.241	-150.00	-4.000	306.813	-2.00	8+0.000	306.893	306.474	0.419	4.000	306.813	-2.00	4.099	306.664	-150.00
-4.333	305.649	-150.00	-4.000	306.148	-2.00	9+0.000	306.228	305.811	0.417	4.000	306.148	-2.00	4.122	305.965	-150.00
-4.296	304.740	-150.00	-4.000	305.184	-2.00	10+0.000	305.264	304.893	0.370	4.000	305.184	-2.00	4.096	305.040	-150.00
-4.184	303.698	-150.00	-4.000	303.974	-2.00	11+0.000	304.054	303.815	0.240	4.000	303.974	-2.00	4.031	303.927	-150.00
-4.229	302.416	-150.00	-4.000	302.759	-2.00	12+0.000	302.839	302.496	0.343	4.000	302.759	-2.00	4.160	302.519	-150.00
-4.194	301.218	-150.00	-4.000	301.510	-2.00	13+0.000	301.590	301.247	0.343	4.000	301.510	-2.00	4.156	301.276	-150.00
-4.189	300.158	-150.00	-4.000	300.441	-2.00	14+0.000	300.521	300.149	0.372	4.000	300.441	-2.00	4.200	300.140	-150.00
-4.217	299.372	-150.00	-4.000	299.697	-2.00	15+0.000	299.777	299.420	0.356	4.000	299.697	-2.00	4.178	299.430	-150.00
-4.222	298.761	-150.00	-4.000	299.093	-2.00	16+0.000	299.173	298.792	0.382	4.000	299.093	-2.00	4.176	298.830	-150.00
-4.236	298.296	-150.00	-4.000	298.650	-2.00	17+0.000	298.730	298.344	0.386	4.000	298.650	-2.00	4.172	298.392	-150.00
-4.235	297.941	-150.00	-4.000	298.294	-2.00	18+0.000	298.374	298.015	0.359	4.000	298.294	-2.00	4.154	298.063	-150.00
-4.255	297.555	-150.00	-4.000	297.937	-2.00	19+0.000	298.017	297.641	0.377	4.000	297.937	-2.00	4.142	297.724	-150.00
-4.264	297.185	-150.00	-4.000	297.581	-2.00	20+0.000	297.661	297.278	0.383	4.000	297.581	-2.00	4.142	297.368	-150.00
-4.274	296.814	-150.00	-4.000	297.225	-2.00	21+0.000	297.305	296.929	0.376	4.000	297.225	-2.00	4.126	297.036	-150.00
-4.283	296.357	-150.00	-4.000	296.782	-2.00	22+0.000	296.862	296.473	0.389	4.000	296.782	-2.00	4.132	296.584	-150.00
-4.286	295.595	-150.00	-4.000	296.024	-2.00	23+0.000	296.104	295.723	0.381	4.000	296.024	-2.00	4.119	295.846	-150.00
-4.297	294.759	-150.00	-4.000	295.206	-2.00	24+0.000	295.286	294.900	0.386	4.000	295.206	-2.00	4.128	295.014	-150.00
-4.318	293.910	-150.00	-4.000	294.387	-2.00	25+0.000	294.467	294.049	0.418	4.000	294.387	-2.00	4.137	294.182	-150.00
-4.314	293.097	-150.00	-4.000	293.568	-2.00	26+0.000	293.648	293.246	0.402	4.000	293.568	-2.00	4.122	293.385	-150.00
-4.317	292.274	-150.00	-4.000	292.749	-2.00	27+0.000	292.829	292.435	0.394	4.000	292.749	-2.00	4.107	292.588	-150.00
-4.307	291.469	-150.00	-4.000	291.930	-2.00	28+0.000	292.010	291.632	0.378	4.000	291.930	-2.00	4.107	291.770	-150.00
-4.300	290.743	-150.00	-4.000	291.194	-2.00	29+0.000	291.274	290.895	0.379	4.000	291.194	-2.00	4.103	291.040	-150.00
-4.286	290.142	-150.00	-4.000	290.572	-2.00	30+0.000	290.652	290.282	0.369	4.000	290.572	-2.00	4.103	290.416	-150.00
-4.290	289.617	-150.00	-4.000	290.052	-2.00	31+0.000	290.132	289.749	0.383	4.000	290.052	-2.00	4.118	289.875	-150.00
-4.284	289.195	-150.00	-4.000	289.621	-2.00	32+0.000	289.701	289.324	0.377	4.000	289.621	-2.00	4.114	289.450	-150.00
-4.293	289.091	-150.00	-4.000	289.531	-2.00	33+0.000	289.611	289.183	0.427	4.000	289.531	-2.00	4.172	289.273	-150.00
-4.319	289.006	-150.00	-4.000	289.484	-2.00	34+0.000	289.564	289.069	0.495	4.000	289.484	-2.00	4.235	289.131	-150.00
-4.254	289.065	-150.00	-4.000	289.446	-2.00	35+0.000	289.526	289.127	0.399	4.000	289.446	-2.00	4.164	289.200	-150.00
-4.278	289.179	-150.00	-4.000	289.596	-2.00	36+0.000	289.676	289.274	0.402	4.000	289.596	-2.00	4.154	289.366	-150.00
-4.275	289.354	-150.00	-4.000	289.767	-2.00	37+0.000	289.847	289.441	0.406	4.000	289.767	-2.00	4.161	289.525	-150.00
-4.264	289.428	-150.00	-4.000	289.824	-2.00	38+0.000	289.904	289.506	0.398	4.000	289.824	-2.00	4.162	289.582	-150.00
-4.259	289.368	-150.00	-4.000	289.756	-2.00	39+0.000	289.836	289.440	0.397	4.000	289.756	-2.00	4.170	289.502	-150.00
-4.218	289.126	-150.00	-4.000	289.454	-2.00	40+0.000	289.534	289.171	0.362	4.000	289.454	-2.00	4.159	289.216	-150.00
-4.210	288.819	-150.00	-4.000	289.134	-2.00	41+0.000	289.214	288.879	0.334	4.000	289.134	-2.00	4.130	288.939	-150.00
-4.258	288.427	-150.00	-4.000	288.814	-2.00	42+0.000	288.894	288.487	0.407	4.000	288.814	-2.00	4.166	288.565	-150.00
-4.282	287.978	-150.00	-4.000	288.401	-2.00	43+0.000	288.481	287.948	0.533	4.000	288.401	-2.00	4.272	287.993	-150.00
-4.333	287.479	-150.00	-4.000	287.979	-2.00	44+0.000	288.059	287.449	0.610	4.000	287.979	-2.00	4.373	287.419	-150.00
-4.321	287.076	-150.00	-4.000	287.557	-2.00	45+0.000	287.637	287.035	0.602	4.000	287.557	-2.00	4.375	286.994	-150.00
-4.312	286.666	-150.00	-4.000	287.135	-2.00	46+0.000	287.215	286.711	0.504	4.000	287.135	-2.00	4.230	286.791	-150.00
-4.285	286.286	-150.00	-4.000	286.713	-2.00	47+0.000	286.793	286.306	0.487	4.000	286.713	-2.00	4.257	286.327	-150.00
-4.242	285.928	-150.00	-4.000	286.291	-2.00	48+0.000	286.371	285.944	0.427	4.000	286.291	-2.00	4.221	285.960	-150.00
-4.276	285.587	-150.00	-4.000	286.002	-2.00	49+0.000	286.082	285.672	0.409	4.000	286.002	-2.00	4.125	285.815	-150.00
-4.331	285.288	-150.00	-4.000	285.786	-2.00	50+0.000	285.866	285.423	0.443	4.000	285.786	-2.00	4.156	285.552	-150.00
-4.361	285.012	-150.00	-4.000	285.554	-2.00	51+0.000	285.634	285.152	0.482	4.000	285.554	-2.00	4.178	285.287	-150.00
-4.307	284.872	-150.00	-4.000	285.333	-2.00	52+0.000	285.413	285.053	0.360	4.000	285.333	-2.00	4.072	285.224	-150.00
-4.291	284.973	-150.00	-4.000	285.410	-2.00	53+0.000	285.490	285.153	0.338	4.000	285.410	-2.00	4.062	285.318	-150.00
-4.301	284.942	-150.00	-4.000	285.394	-2.00	54+0.000	285.474	285.126	0.349	4.000	285.394	-2.00	4.064	285.299	-150.00
-4.320	284.866	-150.00	-4.000	285.346	-2.00	55+0.000	285.426	285.026	0.400	4.000	285.346	-2.00	4.111	285.179	-150.00
-4.331	285.089	-150.00	-4.000	285.585	-2.00	56+0.000	285.665	285.268	0.397	4.000	285.585	-2.00	4.099	285.437	-150.00
-4.302	285.531	-150.00	-4.000	285.985	-2.00	57+0.000	286.065	285.654	0.410	4.000	285.985	-2.00	4.141	285.772	-150.00
-4.359	285.922	-150.00	-4.000	286.460	-2.00	58+0.000	286.540	286.032	0.508	4.000	286.460	-2.00	4.215	286.138	-150.00
-4.326	286.447	-150.00	-4.000	286.936	-2.00	59+0.000	287.016	286.547	0.469	4.000	286.936	-2.00	4.197	286.640	-150.00
-4.287	286.981	-150.00	-4.000	287.411	-2.00	60+0.000	287.491	287.059	0.432	4.000	287.411	-2.00	4.184	287.135	-150.00
-4.241	287.503	-150.00	-4.000	287.864	-2.00	61+0.000	287.944	287.553	0.391	4.000	287.864	-2.00	4.184	287.589	-150.00
-4.286	287.648	-150.00	-4.000	288.077	-2.00	62+0.000	288.157	287.763	0.394	4.000	288.077	-2.00	4.164	287.831	-150.00
-4.285	287.568	-150.00	-4.000	287.994	-2.00	63+0.000	288.074	287.674	0.401	4.000	287.994	-2.00	4.153	287.764	-150.00
-4.305	287.160	-150.00	-4.000	287.617	-2.00	64+0.000	287.697	287.281	0.416	4.000	287.617	-2.00	4.146	287.398	-150.00
-4.298	286.772	-150.00	-4.000	287.219	-2.00	65+0.000	287.299	286.863	0.435	4.000	287.219	-2.00	4.178	286.952	-150.00
-4.284	286.669	-150.00	-4.000	287.095	-2.00	66+0.000	287.175	286.752	0.423	4.000	287.095	-2.00	4.174	286.834	-150.00
-4.272	286.727	-150.00	-4.000	287.135	-2.00	67+0.000	287.215	286.823	0.392	4.000	287.135	-2.00	4.138	286.928	-150.00
-4.249	287.058	-150.00	-4.000	287.432	-2.00	68+0.000	287.512	287.116	0.396	4.000	287.432	-2.00	4.170	287.176	-150.00
-4.289	287.621	-150.00	-4.000	288.055	-2.00	69+0.000	288.135	287.707	0.428	4.000	288.055	-2.00	4.176	287.791	-150.00
-4.369	288.244	-150.00	-4.000	288.798	-2.00	70+0.000	288.878	288.345	0.533	4.000	288.798	-2.00	4.236	288.443	-150.00
-4.286	289.462	-150.00	-4.000	289.891	-2.00	71+0.000	289.971	289.529	0.442	4.000	289.891	-2.00	4.198	289.594	-150.00
-4.183	290.395	-150.00	-4.000	290.669	-2.00	72+0.000	290.749	290.476	0.274	4.000	290.669	-2.00	4.079	290.550	-150.00
-4.262	290.897	-150.00	-4.000	291.290	-2.00	73+0.000	291.370	290.984	0.387	4.000	291.290	-2.00	4.148	291.068	-150.00

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

-4.282	291.282	-150.00	-4.000	291.705	-2.00	74+0.000	291.785	291.365	0.421	4.000	291.705	-2.00	4.145	291.487	-150.00
-4.296	291.436	-150.00	-4.000	291.880	-2.00	75+0.000	291.960	291.539	0.421	4.000	291.880	-2.00	4.122	291.697	-150.00
-4.275	291.543	-150.00	-4.000	291.955	-2.00	76+0.000	292.035	291.621	0.414	4.000	291.955	-2.00	4.154	291.724	-150.00
-4.275	291.472	-150.00	-4.000	291.884	-2.00	77+0.000	291.964	291.560	0.404	4.000	291.884	-2.00	4.159	291.645	-150.00
-4.291	291.386	-150.00	-4.000	291.823	-2.00	78+0.000	291.903	291.460	0.443	4.000	291.823	-2.00	4.194	291.532	-150.00
-4.219	291.442	-150.00	-4.000	291.770	-2.00	79+0.000	291.850	291.448	0.402	4.000	291.770	-2.00	4.210	291.455	-150.00
-4.235	291.465	-150.00	-4.000	291.817	-2.00	80+0.000	291.897	291.490	0.407	4.000	291.817	-2.00	4.199	291.520	-150.00
-4.190	291.752	-150.00	-4.000	292.036	-2.00	81+0.000	292.116	291.735	0.381	4.000	292.036	-2.00	4.212	291.719	-150.00
-4.224	292.090	-150.00	-4.000	292.427	-2.00	82+0.000	292.507	292.075	0.432	4.000	292.427	-2.00	4.234	292.076	-150.00
-4.188	292.707	-150.00	-4.000	292.989	-2.00	83+0.000	293.069	292.689	0.380	4.000	292.989	-2.00	4.211	292.672	-150.00
-4.248	293.352	-150.00	-4.000	293.723	-2.00	84+0.000	293.803	293.384	0.419	4.000	293.723	-2.00	4.192	293.435	-150.00
-4.290	294.194	-150.00	-4.000	294.628	-2.00	85+0.000	294.708	294.295	0.414	4.000	294.628	-2.00	4.155	294.396	-150.00
-4.320	295.224	-150.00	-4.000	295.704	-2.00	86+0.000	295.784	295.376	0.408	4.000	295.704	-2.00	4.122	295.522	-150.00
-4.333	296.273	-150.00	-4.000	296.772	-2.00	87+0.000	296.852	296.437	0.415	4.000	296.772	-2.00	4.119	296.594	-150.00
-4.270	297.262	-150.00	-4.000	297.667	-2.00	88+0.000	297.747	297.433	0.315	4.000	297.667	-2.00	4.045	297.600	-150.00
-4.315	298.089	-150.00	-4.000	298.562	-2.00	89+0.000	298.642	298.281	0.362	4.000	298.562	-2.00	4.068	298.461	-150.00
-4.359	298.776	-150.00	-4.000	299.314	-2.00	90+0.000	299.394	299.013	0.382	4.000	299.314	-2.00	4.054	299.233	-150.00
-4.351	299.007	-150.00	-4.000	299.534	-2.00	91+0.000	299.614	299.223	0.390	4.000	299.534	-2.00	4.072	299.426	-150.00
-4.347	299.284	-150.00	-4.000	299.804	-2.00	92+0.000	299.884	299.486	0.398	4.000	299.804	-2.00	4.090	299.669	-150.00
-4.392	299.579	-150.00	-4.000	300.166	-2.00	93+0.000	300.246	299.794	0.452	4.000	300.166	-2.00	4.114	299.996	-150.00
-4.453	299.849	-150.00	-4.000	300.528	-2.00	94+0.000	300.608	300.093	0.515	4.000	300.528	-2.00	4.132	300.331	-150.00
-4.386	300.311	-150.00	-4.000	300.890	-2.00	95+0.000	300.970	300.558	0.413	4.000	300.890	-2.00	4.069	300.786	-150.00
-4.347	300.365	-150.00	-4.000	300.886	-2.00	96+0.000	300.966	300.567	0.399	4.000	300.886	-2.00	4.089	300.753	-150.00
-4.325	300.215	-150.00	-4.000	300.703	-2.00	97+0.000	300.783	300.387	0.396	4.000	300.703	-2.00	4.089	300.570	-150.00
-4.307	299.982	-150.00	-4.000	300.442	-2.00	98+0.000	300.522	300.139	0.384	4.000	300.442	-2.00	4.103	300.288	-150.00
-4.304	299.950	-150.00	-4.000	300.406	-2.00	99+0.000	300.486	300.088	0.397	4.000	300.406	-2.00	4.141	300.194	-150.00
-4.263	300.181	-150.00	-4.000	300.575	-2.00	100+0.000	300.655	300.241	0.414	4.000	300.575	-2.00	4.183	300.301	-150.00
-4.233	300.969	-150.00	-4.000	301.319	-2.00	101+0.000	301.399	300.994	0.405	4.000	301.319	-2.00	4.200	301.019	-150.00
-4.197	301.982	-150.00	-4.000	302.277	-2.00	102+0.000	302.357	301.957	0.400	4.000	302.277	-2.00	4.224	301.941	-150.00
-4.202	302.997	-150.00	-4.000	303.300	-2.00	103+0.000	303.380	302.935	0.445	4.000	303.300	-2.00	4.237	302.945	-150.00
-4.196	304.028	-150.00	-4.000	304.322	-2.00	104+0.000	304.402	303.954	0.448	4.000	304.322	-2.00	4.295	303.880	-150.00
-4.232	304.683	-150.00	-4.000	305.031	-2.00	105+0.000	305.111	304.671	0.440	4.000	305.031	-2.00	4.248	304.659	-150.00
-4.225	305.122	-150.00	-4.000	305.460	-2.00	106+0.000	305.540	305.131	0.409	4.000	305.460	-2.00	4.213	305.140	-150.00
-4.210	305.312	-150.00	-4.000	305.628	-2.00	107+0.000	305.708	305.302	0.405	4.000	305.628	-2.00	4.224	305.292	-150.00
-4.196	305.356	-150.00	-4.000	305.651	-2.00	108+0.000	305.731	305.345	0.385	4.000	305.651	-2.00	4.211	305.335	-150.00
-4.190	305.393	-150.00	-4.000	305.678	-2.00	109+0.000	305.758	305.364	0.394	4.000	305.678	-2.00	4.226	305.340	-150.00
-4.178	305.594	-150.00	-4.000	305.861	-2.00	110+0.000	305.941	305.550	0.391	4.000	305.861	-2.00	4.237	305.505	-150.00
-4.185	305.796	-150.00	-4.000	306.073	-2.00	111+0.000	306.153	305.751	0.402	4.000	306.073	-2.00	4.240	305.713	-150.00
-4.190	306.080	-150.00	-4.000	306.364	-2.00	112+0.000	306.444	306.046	0.399	4.000	306.364	-2.00	4.235	306.011	-150.00
-4.161	306.400	-150.00	-4.000	306.642	-2.00	113+0.000	306.722	306.380	0.342	4.000	306.642	-2.00	4.188	306.360	-150.00
-4.156	306.684	-150.00	-4.000	306.919	-2.00	114+0.000	306.999	306.662	0.337	4.000	306.919	-2.00	4.167	306.668	-150.00
-4.251	306.820	-150.00	-4.000	307.196	-2.00	115+0.000	307.276	306.879	0.398	4.000	307.196	-2.00	4.173	306.937	-150.00
-4.260	306.807	-150.00	-4.000	307.196	-2.00	116+0.000	307.276	306.889	0.387	4.000	307.196	-2.00	4.133	306.996	-150.00
-4.288	306.835	-150.00	-4.000	307.266	-2.00	117+0.000	307.346	306.940	0.406	4.000	307.266	-2.00	4.149	307.042	-150.00
-4.306	306.560	-150.00	-4.000	307.020	-2.00	118+0.000	307.100	306.671	0.429	4.000	307.020	-2.00	4.161	306.779	-150.00
-4.315	306.266	-150.00	-4.000	306.739	-2.00	119+0.000	306.819	306.397	0.422	4.000	306.739	-2.00	4.145	306.522	-150.00
-4.266	306.184	-150.00	-4.000	306.582	-2.00	120+0.000	306.662	306.267	0.395	4.000	306.582	-2.00	4.161	306.341	-150.00
-4.238	306.262	-150.00	-4.000	306.620	-2.00	121+0.000	306.700	306.298	0.401	4.000	306.620	-2.00	4.160	306.379	-150.00
-4.260	306.384	-150.00	-4.000	306.774	-2.00	122+0.000	306.854	306.450	0.404	4.000	306.774	-2.00	4.172	306.517	-150.00
-4.259	306.591	-150.00	-4.000	306.979	-2.00	123+0.000	307.059	306.655	0.404	4.000	306.979	-2.00	4.174	306.718	-150.00
-4.304	306.695	-150.00	-4.000	307.151	-2.00	124+0.000	307.231	306.765	0.466	4.000	307.151	-2.00	4.212	306.834	-150.00
-4.295	306.875	-150.00	-4.000	307.318	-2.00	125+0.000	307.398	306.994	0.405	4.000	307.318	-2.00	4.140	307.108	-150.00
-4.305	307.028	-150.00	-4.000	307.485	-2.00	126+0.000	307.565	307.155	0.410	4.000	307.485	-2.00	4.139	307.277	-150.00
-4.308	307.236	-150.00	-4.000	307.698	-2.00	127+0.000	307.778	307.376	0.403	4.000	307.698	-2.00	4.126	307.509	-150.00
-4.306	307.549	-150.00	-4.000	308.007	-2.00	128+0.000	308.087	307.677	0.410	4.000	308.007	-2.00	4.142	307.795	-150.00
-4.306	307.909	-150.00	-4.000	308.367	-2.00	129+0.000	308.447	308.042	0.406	4.000	308.367	-2.00	4.132	308.169	-150.00
-4.310	308.128	-150.00	-4.000	308.593	-2.00	130+0.000	308.673	308.269	0.404	4.000	308.593	-2.00	4.126	308.404	-150.00
-4.306	308.310	-150.00	-4.000	308.768	-2.00	131+0.000	308.848	308.448	0.401	4.000	308.768	-2.00	4.126	308.580	-150.00
-4.327	308.233	-150.00	-4.000	308.724	-2.00	132+0.000	308.804	308.370	0.434	4.000	308.724	-2.00	4.148	308.502	-150.00
-4.335	308.157	-150.00	-4.000	308.659	-2.00	133+0.000	308.739	308.336	0.403	4.000	308.659	-2.00	4.103	308.505	-150.00
-4.301	307.991	-150.00	-4.000	308.442	-2.00	134+0.000	308.522	308.159	0.363	4.000	308.442	-2.00	4.106	308.283	-150.00
-4.276	308.042	-150.00	-4.000	308.456	-2.00	135+0.000	308.536	308.147	0.389	4.000	308.456	-2.00	4.170	308.201	-150.00
-4.270	308.145	-150.00	-4.000	308.550	-2.00	136+0.000	308.630	308.222	0.408	4.000	308.550	-2.00	4.176	308.286	-150.00
-4.273	308.172	-150.00	-4.000	308.581	-2.00	137+0.000	308.661	308.215	0.446	4.000	308.581	-2.00	4.197	308.286	-150.00
-4.224	308.062	-150.00	-4.000	308.398	-2.00	138+0.000	308.478	308.082	0.397	4.000	308.398	-2.00	4.198	308.101	-150.00
-4.210	307.745	-150.00	-4.000	308.060	-2.00	139+0.000	308.140	307.748	0.391	4.000	308.060	-2.00	4.205	307.752	-150.00
-4.224	307.157	-150.00	-4.000	307.493	-2.00	140+0.000	307.573	307.173	0.400	4.000	307.493	-2.00	4.202	307.190	-150.00
-4.233	306.471	-150.00	-4.000	306.820	-2.00	141+0.000	306.900	306.515	0.384	4.000	306.820	-2.00	4.178	306.553	-150.00
-4.236	305.767	-150.00	-4.000	306.120	-2.00	142+0.000	306.200	305.814	0.386	4.000	306.120	-2.00	4.173	305.861	-150.00
-4.225	305.024	-150.00	-4.000	305.361	-2.00	143+0.000	305.441	305.053	0.388	4.000	305.361	-2.00	4.186	305.083	-150.00
-4.204	304.275	-150.00	-4.000	304.581	-2.00	144+0.000	304.661	304.269	0.392	4.000	304.581	-2.00	4.189	304.297	-150.00
-4.198	303.567	-150.00	-4.000	303.864	-2.00	145+0.000	303.944	303.608	0.336	4.000	303.864	-2.00	4.129	303.670	-150.00
-4.270	302.932	-150.00	-4.000	303.337	-2.00	146+0.000	303.417	303.008	0.409	4.000	303.337	-2.00	4.156	303.103	-150.00
-4.217	302.678	-150.00	-4.000	303.003	-2.00	147+0.000	303.083	302.700	0.383	4.000	303.003	-2.00	4.187	302.722	-150.00
-4.245	302.495	-150.00	-4.000	302.863	-2.00	148+0.000	302.943	302.546	0.397	4.000	302.863	-2.00	4.178	302.596	-150.00
-4.205	302.600	-150.00	-4.000	302.908	-2.00	149+0.000	302.988	302.696	0.292	4.000	302.908	-2.00	4.060	302.818	-150.00
-4.173	302.741	-150.00	-4.000	303.000	-2.00	150+0.000	303.080	302.852	0.228	4.000	303.000	-2.00	4.027	302.959	-150.00
-4.216	302.769	-150.00	-4.000	303.093	-2.00	151+0.000	303.173	302.894	0.279	4.000	303.093	-2.00	4.053	303.014	-150.00
-4.299	302.736	-150.00	-4.000	303.185	-2.00	152+0.000	303.265	302.864	0.402	4.000	303.185	-2.00	4.129	302.992	-150.00
-4.311	302.574	-150.00	-4.000	303.040	-2.00	153+0.000	303.120	302.724	0.396	4.000	303.040	-2.00	4.115	302.868	-150.00
-4.306	302.258	-150.00	-4.000	302.716	-2.00	154+0.000	302.796	302.408	0.388	4.000	302.716	-2.00	4.110	302.552	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DLPAO
Secretaria das Cidades (SCidS)

-4.308	301.825	-150.00	-4.000	302.288	-2.00	155+0.000	302.368	301.978	0.389	4.000	302.288	-2.00	4.109	302.124	-150.00
-4.300	301.414	-150.00	-4.000	301.865	-2.00	156+0.000	301.945	301.556	0.389	4.000	301.865	-2.00	4.114	301.693	-150.00
-4.299	301.071	-150.00	-4.000	301.520	-2.00	157+0.000	301.600	301.213	0.387	4.000	301.520	-2.00	4.114	301.349	-150.00
-4.301	300.974	-150.00	-4.000	301.426	-2.00	158+0.000	301.506	301.116	0.390	4.000	301.426	-2.00	4.115	301.253	-150.00
-4.277	300.986	-150.00	-4.000	301.402	-2.00	159+0.000	301.482	301.114	0.368	4.000	301.402	-2.00	4.101	301.250	-150.00
-4.252	301.065	-150.00	-4.000	301.444	-2.00	160+0.000	301.524	301.194	0.330	4.000	301.444	-2.00	4.083	301.319	-150.00
-4.220	301.156	-150.00	-4.000	301.486	-2.00	161+0.000	301.566	301.285	0.281	4.000	301.486	-2.00	4.051	301.409	-150.00
-4.196	301.235	-150.00	-4.000	301.528	-2.00	162+0.000	301.608	301.357	0.251	4.000	301.528	-2.00	4.035	301.475	-150.00
-4.239	301.213	-150.00	-4.000	301.571	-2.00	163+0.000	301.651	301.322	0.328	4.000	301.571	-2.00	4.095	301.428	-150.00
-4.252	301.235	-150.00	-4.000	301.613	-2.00	164+0.000	301.693	301.341	0.352	4.000	301.613	-2.00	4.122	301.430	-150.00
-4.290	301.224	-150.00	-4.000	301.660	-2.00	165+0.000	301.740	301.322	0.418	4.000	301.660	-2.00	4.162	301.417	-150.00
-4.367	301.250	-150.00	-4.000	301.801	-2.00	166+0.000	301.881	301.329	0.552	4.000	301.801	-2.00	4.278	301.385	-150.00
-4.456	301.269	-150.00	-4.000	301.953	-2.00	167+0.000	302.033	301.346	0.687	4.000	301.953	-2.00	4.342	301.440	-150.00
-4.423	301.470	-150.00	-4.000	302.105	-2.00	168+0.000	302.185	301.546	0.639	4.000	302.105	-2.00	4.323	301.620	-150.00
-4.410	301.642	-150.00	-4.000	302.257	-2.00	169+0.000	302.337	301.735	0.602	4.000	302.257	-2.00	4.287	301.826	-150.00
-4.375	301.847	-150.00	-4.000	302.409	-2.00	170+0.000	302.489	301.972	0.517	4.000	302.409	-2.00	4.227	302.069	-150.00
-4.320	302.080	-150.00	-4.000	302.561	-2.00	171+0.000	302.641	302.208	0.432	4.000	302.561	-2.00	4.152	302.332	-150.00
-4.310	302.289	-150.00	-4.000	302.754	-2.00	172+0.000	302.834	302.433	0.401	4.000	302.754	-2.00	4.122	302.571	-150.00
-4.306	302.683	-150.00	-4.000	303.142	-2.00	173+0.000	303.222	302.817	0.405	4.000	303.142	-2.00	4.132	302.944	-150.00
-4.288	303.140	-150.00	-4.000	303.572	-2.00	174+0.000	303.652	303.267	0.384	4.000	303.572	-2.00	4.125	303.385	-150.00
-4.262	303.609	-150.00	-4.000	304.002	-2.00	175+0.000	304.082	303.730	0.352	4.000	304.002	-2.00	4.104	303.847	-150.00
-4.282	304.009	-150.00	-4.000	304.433	-2.00	176+0.000	304.513	304.115	0.398	4.000	304.433	-2.00	4.144	304.217	-150.00
-4.272	304.418	-150.00	-4.000	304.825	-2.00	177+0.000	304.905	304.488	0.417	4.000	304.825	-2.00	4.177	304.559	-150.00
-4.150	304.534	-150.00	-4.000	304.759	-2.00	178+0.000	304.839	304.599	0.240	4.000	304.759	-2.00	4.065	304.662	-150.00
-4.061	304.505	-150.00	-4.000	304.597	-2.00	179+0.000	304.677	304.538	0.139	4.000	304.597	-2.00			
-4.109	304.271	-150.00	-4.000	304.434	-2.00	180+0.000	304.514	304.351	0.163	4.000	304.434	-2.00			
-4.185	303.994	-150.00	-4.000	304.272	-2.00	181+0.000	304.352	304.061	0.290	4.000	304.272	-2.00	4.096	304.128	-150.00
-4.240	303.756	-150.00	-4.000	304.116	-2.00	182+0.000	304.196	303.801	0.395	4.000	304.116	-2.00	4.176	303.852	-150.00
-4.273	303.663	-150.00	-4.000	304.072	-2.00	183+0.000	304.152	303.710	0.442	4.000	304.072	-2.00	4.211	303.756	-150.00
-4.282	303.608	-150.00	-4.000	304.030	-2.00	184+0.000	304.110	303.666	0.445	4.000	304.030	-2.00	4.205	303.723	-150.00
-4.250	303.641	-150.00	-4.000	304.015	-2.00	185+0.000	304.095	303.697	0.398	4.000	304.015	-2.00	4.175	303.753	-150.00
-4.251	303.728	-150.00	-4.000	304.104	-2.00	186+0.000	304.184	303.777	0.407	4.000	304.104	-2.00	4.184	303.828	-150.00
-4.274	303.889	-150.00	-4.000	304.300	-2.00	187+0.000	304.380	303.913	0.468	4.000	304.300	-2.00	4.243	303.936	-150.00
-4.306	304.126	-150.00	-4.000	304.585	-2.00	188+0.000	304.665	304.114	0.551	4.000	304.585	-2.00	4.322	304.102	-150.00
-4.238	304.522	-150.00	-4.000	304.879	-2.00	189+0.000	304.959	304.474	0.485	4.000	304.879	-2.00	4.302	304.426	-150.00
-4.157	304.937	-150.00	-4.000	305.173	-2.00	190+0.000	305.253	304.873	0.380	4.000	305.173	-2.00	4.237	304.818	-150.00
-4.128	305.275	-150.00	-4.000	305.467	-2.00	191+0.000	305.547	305.202	0.345	4.000	305.467	-2.00	4.226	305.128	-150.00
-4.083	305.816	66.67	-4.000	305.761	-2.00	192+0.000	305.841	305.686	0.155	4.000	305.761	-2.00	4.138	305.553	-150.00
-4.096	305.911	-150.00	-4.000	306.055	-2.00	193+0.000	306.135	305.804	0.331	4.000	306.055	-2.00	4.241	305.693	-150.00
-4.192	305.883	-150.00	-4.000	306.171	-2.00	194+0.000	306.251	305.736	0.515	4.000	306.171	-2.00	4.317	305.695	-150.00
-4.272	305.766	-150.00	-4.000	306.173	-2.00	195+0.000	306.253	305.614	0.639	4.000	306.173	-2.00	4.476	305.460	-150.00
-4.358	305.638	-150.00	-4.000	306.176	-2.00	196+0.000	306.256	305.518	0.737	4.000	306.176	-2.00	4.517	305.400	-150.00
-4.333	305.678	-150.00	-4.000	306.178	-2.00	197+0.000	306.258	305.595	0.663	4.000	306.178	-2.00	4.445	305.510	-150.00
-4.157	306.015	-150.00	-4.000	306.251	-2.00	198+0.000	306.331	305.935	0.396	4.000	306.251	-2.00	4.249	305.878	-150.00
-4.137	306.573	-150.00	-4.000	306.779	-2.00	199+0.000	306.859	306.510	0.349	4.000	306.779	-2.00	4.218	306.452	-150.00
-4.067	307.253	-150.00	-4.000	307.354	-2.00	200+0.000	307.434	307.193	0.241	4.000	307.354	-2.00	4.148	307.133	-150.00
-4.012	307.911	-150.00	-4.000	307.929	-2.00	201+0.000	308.009	307.872	0.138	4.000	307.929	-2.00	4.065	307.832	-150.00
-4.076	308.391	-150.00	-4.000	308.505	-2.00	202+0.000	308.585	308.322	0.263	4.000	308.505	-2.00	4.169	308.251	-150.00
-4.164	308.650	-150.00	-4.000	308.896	-2.00	203+0.000	308.976	308.575	0.401	4.000	308.896	-2.00	4.265	308.499	-150.00
-4.157	308.635	-150.00	-4.000	308.872	-2.00	204+0.000	308.952	308.586	0.365	4.000	308.872	-2.00	4.223	308.537	-150.00
-4.217	308.449	-150.00	-4.000	308.774	-2.00	205+0.000	308.854	308.424	0.430	4.000	308.774	-2.00	4.247	308.403	-150.00
-4.365	308.130	-150.00	-4.000	308.678	-2.00	206+0.000	308.758	308.136	0.622	4.000	308.678	-2.00	4.357	308.141	-150.00
-4.468	307.880	-150.00	-4.000	308.581	-2.00	207+0.000	308.661	307.894	0.767	4.000	308.581	-2.00	4.445	307.913	-150.00
-4.388	307.903	-150.00	-4.000	308.485	-2.00	208+0.000	308.565	307.920	0.644	4.000	308.485	-2.00	4.365	307.937	-150.00
-4.272	307.984	-150.00	-4.000	308.392	-2.00	209+0.000	308.472	308.006	0.466	4.000	308.392	-2.00	4.244	308.027	-150.00
-4.231	308.133	-150.00	-4.000	308.480	-2.00	210+0.000	308.560	308.155	0.405	4.000	308.480	-2.00	4.193	308.190	-150.00
-4.255	308.361	-150.00	-4.000	308.743	-2.00	211+0.000	308.823	308.413	0.410	4.000	308.743	-2.00	4.186	308.465	-150.00
-4.247	308.435	-150.00	-4.000	308.806	-2.00	212+0.000	308.886	308.495	0.391	4.000	308.806	-2.00	4.168	308.554	-150.00
-4.253	308.453	-150.00	-4.000	308.833	-2.00	213+0.000	308.913	308.513	0.400	4.000	308.833	-2.00	4.167	308.582	-150.00
-4.280	308.370	-150.00	-4.000	308.790	-2.00	214+0.000	308.870	308.474	0.396	4.000	308.790	-2.00	4.144	308.574	-150.00
-4.280	308.283	-150.00	-4.000	308.703	-2.00	215+0.000	308.783	308.388	0.396	4.000	308.703	-2.00	4.143	308.489	-150.00
-4.277	308.130	-150.00	-4.000	308.546	-2.00	216+0.000	308.626	308.227	0.399	4.000	308.546	-2.00	4.150	308.321	-150.00
-4.275	307.938	-150.00	-4.000	308.350	-2.00	217+0.000	308.430	308.027	0.403	4.000	308.350	-2.00	4.158	308.113	-150.00
-4.385	307.627	-150.00	-4.000	308.205	-2.00	218+0.000	308.285	307.669	0.615	4.000	308.205	-2.00	4.329	307.711	-150.00
-4.298	307.613	-150.00	-4.000	308.059	-2.00	219+0.000	308.139	307.647	0.492	4.000	308.059	-2.00	4.255	307.676	-150.00
-4.232	307.603	-150.00	-4.000	307.951	-2.00	220+0.000	308.031	307.634	0.396	4.000	307.951	-2.00	4.190	307.666	-150.00
-4.229	307.704	-150.00	-4.000	308.047	-2.00	221+0.000	308.127	307.735	0.392	4.000	308.047	-2.00	4.193	307.758	-150.00
-4.255	307.836	-150.00	-4.000	308.219	-2.00	222+0.000	308.299	307.889	0.409	4.000	308.219	-2.00	4.193	307.930	-150.00
-4.258	308.007	-150.00	-4.000	308.394	-2.00	223+0.000	308.474	308.048	0.427	4.000	308.394	-2.00	4.200	308.094	-150.00
-4.309	308.033	-150.00	-4.000	308.497	-2.00	224+0.000	308.577	308.154	0.423	4.000	308.497	-2.00	4.151	308.270	-150.00
-4.256	307.971	-150.00	-4.000	308.356	-2.00	225+0.000	308.436	308.090	0.345	4.000	308.356	-2.00	4.102	308.203	-150.00
-4.223	307.871	-150.00	-4.000	308.206	-2.00	226+0.000	308.286	307.986	0.300	4.000	308.206	-2.00	4.074	308.095	-150.00
-4.202	307.753	-150.00	-4.000	308.057	-2.00	227+0.000	308.137	307.868	0.269	4.000	308.057	-2.00	4.054	307.976	-150.00
-4.252	307.530	-150.00	-4.000	307.907	-2.00	228+0.000	307.987	307.607	0.380	4.000	307.907	-2.00	4.149	307.683	-150.00
-4.245	307.390	-150.00	-4.000	307.758	-2.00	229+0.000	307.838	307.440	0.398	4.000	307.758	-2.00	4.179	307.490	-150.00
-4.189	306.992	-150.00	-4.000	307.276	-2.00	230+0.000	307.356	306.958	0.398	4.000	307.276	-2.00	4.235	306.923	-150.00
-4.126	306.516	-150.00	-4.000	306.705	-2.00	231+0.000	306.785	306.444	0.341	4.000	306.705	-2.00	4.223	306.371	-150.00
-4.102	305.981	-150.00	-4.000	306.134	-2.00	232+0.000	306.214	305.869	0.345	4.000	306.134	-2.00	4.254	305.753	-150.00
-4.141	305.352	-150.00	-4.000	305.563	-2.00	233+0.000	305.643	305.212	0.431	4.000	305.563	-2.00	4.327	305.073	-150.00
-4.116	304.847	-150.00	-4.000	305.021	-2.00	234+0.000	305.101	304.710	0.391	4.000	305.021	-2.00	4.303	304.567	-150.00
-4.100	304.405	-150.00	-4.000	304.556	-2.00	235+0.000	304.636	304.264	0.372	4.000	304.556	-2.00	4.290	304.120	-150.00

Osvaldo Leôncio da Silv[illegible]
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (SCID)

-4.171	304.057	-150.00	-4.000	304.314	-2.00	236+0.000	304.394	304.002	0.392	4.000	304.314	-2.00	4.246	303.945	-150.00
-4.183	304.087	-150.00	-4.000	304.362	-2.00	237+0.000	304.442	304.011	0.431	4.000	304.362	-2.00	4.276	303.947	-150.00
-4.143	304.253	-150.00	-4.000	304.468	-2.00	238+0.000	304.548	304.178	0.370	4.000	304.468	-2.00	4.233	304.119	-150.00
-4.107	304.413	-150.00	-4.000	304.574	-2.00	239+0.000	304.654	304.378	0.276	4.000	304.574	-2.00	4.152	304.346	-150.00
-4.086	304.551	-150.00	-4.000	304.680	-2.00	240+0.000	304.760	304.494	0.266	4.000	304.680	-2.00	4.147	304.458	-150.00
-4.098	304.638	-150.00	-4.000	304.785	-2.00	241+0.000	304.865	304.595	0.270	4.000	304.785	-2.00	4.156	304.552	-150.00
-4.159	304.642	-150.00	-4.000	304.880	-2.00	242+0.000	304.960	304.571	0.389	4.000	304.880	-2.00	4.254	304.499	-150.00
-4.216	304.106	-150.00	-4.000	304.430	-2.00	243+0.000	304.510	304.032	0.478	4.000	304.430	-2.00	4.316	303.956	-150.00
-4.263	303.585	-150.00	-4.000	303.979	-2.00	244+0.000	304.059	303.505	0.554	4.000	303.979	-2.00	4.351	303.453	-150.00
-4.237	303.173	-150.00	-4.000	303.529	-2.00	245+0.000	303.609	303.116	0.493	4.000	303.529	-2.00	4.314	303.057	-150.00
-4.384	302.757	-150.00	-4.000	303.334	-2.00	246+0.000	303.414	302.685	0.728	4.000	303.334	-2.00	4.475	302.621	-150.00
-4.513	302.401	-150.00	-4.000	303.171	-2.00	247+0.000	303.251	302.354	0.897	4.000	303.171	-2.00	4.549	302.347	-150.00
-4.448	302.338	-150.00	-4.000	303.009	-2.00	248+0.000	303.089	302.265	0.823	4.000	303.009	-2.00	4.545	302.192	-150.00
-4.185	302.604	-150.00	-4.000	302.881	-2.00	249+0.000	302.961	302.532	0.430	4.000	302.881	-2.00	4.283	302.457	-150.00
-4.036	302.817	66.67	-4.000	302.793	-2.00	250+0.000	302.873	302.767	0.106	4.000	302.793	-2.00	4.048	302.721	-150.00
-4.604	303.108	66.67	-4.000	302.705	-2.00	251+0.000	302.785	303.051	-0.266	4.000	302.705	-2.00	4.438	302.997	66.67
-4.647	303.048	66.67	-4.000	302.617	-2.00	252+0.000	302.697	303.049	-0.352	4.000	302.617	-2.00	4.648	303.049	66.67
-4.501	302.862	66.67	-4.000	302.529	-2.00	253+0.000	302.609	302.796	-0.187	4.000	302.529	-2.00	4.313	302.738	66.67
-4.011	302.419	-150.00	-4.000	302.436	-2.00	254+0.000	302.516	302.404	0.112	4.000	302.436	-2.00	4.031	302.389	-150.00
-4.200	301.873	-150.00	-4.000	302.172	-2.00	255+0.000	302.252	301.846	0.406	4.000	302.172	-2.00	4.232	301.825	-150.00
-4.330	301.363	-150.00	-4.000	301.858	-2.00	256+0.000	301.938	301.364	0.575	4.000	301.858	-2.00	4.329	301.364	-150.00
-4.386	300.966	-150.00	-4.000	301.545	-2.00	257+0.000	301.625	300.948	0.676	4.000	301.545	-2.00	4.409	300.931	-150.00
-4.286	300.802	-150.00	-4.000	301.231	-2.00	258+0.000	301.311	300.798	0.513	4.000	301.231	-2.00	4.291	300.795	-150.00
-4.184	300.987	-150.00	-4.000	301.263	-2.00	259+0.000	301.343	300.958	0.385	4.000	301.263	-2.00	4.226	300.924	-150.00
-4.193	301.454	-150.00	-4.000	301.744	-2.00	260+0.000	301.824	301.425	0.399	4.000	301.744	-2.00	4.232	301.396	-150.00
-4.166	301.976	-150.00	-4.000	302.225	-2.00	261+0.000	302.305	301.924	0.381	4.000	302.225	-2.00	4.236	301.871	-150.00
-4.174	302.394	-150.00	-4.000	302.656	-2.00	262+0.000	302.736	302.332	0.404	4.000	302.656	-2.00	4.258	302.268	-150.00
-4.178	302.488	-150.00	-4.000	302.755	-2.00	263+0.000	302.835	302.417	0.418	4.000	302.755	-2.00	4.262	302.361	-150.00
-4.135	302.629	-150.00	-4.000	302.832	-2.00	264+0.000	302.912	302.513	0.399	4.000	302.832	-2.00	4.269	302.429	-150.00
-4.104	302.464	-150.00	-4.000	302.620	-2.00	265+0.000	302.700	302.347	0.354	4.000	302.620	-2.00	4.264	302.224	-150.00
-4.074	302.205	-150.00	-4.000	302.315	-2.00	266+0.000	302.395	302.113	0.282	4.000	302.315	-2.00	4.197	302.019	-150.00
-4.132	301.735	-150.00	-4.000	301.933	-2.00	267+0.000	302.013	301.637	0.375	4.000	301.933	-2.00	4.265	301.536	-150.00
-4.165	301.196	-150.00	-4.000	301.443	-2.00	268+0.000	301.523	301.130	0.392	4.000	301.443	-2.00	4.257	301.057	-150.00
-4.146	300.627	-150.00	-4.000	300.846	-2.00	269+0.000	300.926	300.569	0.357	4.000	300.846	-2.00	4.227	300.505	-150.00
-4.193	299.871	-150.00	-4.000	300.160	-2.00	270+0.000	300.240	299.848	0.392	4.000	300.160	-2.00	4.206	299.852	-150.00
-4.252	299.088	-150.00	-4.000	299.466	-2.00	271+0.000	299.546	299.114	0.432	4.000	299.466	-2.00	4.218	299.140	-150.00
-4.231	298.425	-150.00	-4.000	298.772	-2.00	272+0.000	298.852	298.444	0.408	4.000	298.772	-2.00	4.206	298.462	-150.00
-4.195	297.805	-150.00	-4.000	298.097	-2.00	273+0.000	298.177	297.788	0.389	4.000	298.097	-2.00	4.185	297.820	-150.00
-4.200	297.529	-150.00	-4.000	297.828	-2.00	274+0.000	297.908	297.525	0.383	4.000	297.828	-2.00	4.204	297.522	-150.00
-4.156	297.471	-150.00	-4.000	297.706	-2.00	275+0.000	297.786	297.399	0.386	4.000	297.706	-2.00	4.253	297.326	-150.00
-4.160	297.797	-150.00	-4.000	298.036	-2.00	276+0.000	298.116	297.725	0.391	4.000	298.036	-2.00	4.257	297.652	-150.00
-4.087	298.216	-150.00	-4.000	298.347	-2.00	277+0.000	298.427	298.125	0.302	4.000	298.347	-2.00	4.210	298.032	-150.00
-4.016	298.628	-150.00	-4.000	298.652	-2.00	278+0.000	298.732	298.528	0.204	4.000	298.652	-2.00	4.152	298.424	-150.00
-4.023	298.922	-150.00	-4.000	298.957	-2.00	279+0.000	299.037	298.777	0.260	4.000	298.957	-2.00	4.219	298.628	-150.00
-4.156	298.885	-150.00	-4.000	299.118	-2.00	280+0.000	299.198	298.805	0.393	4.000	299.118	-2.00	4.277	298.702	-150.00
-4.137	298.624	-150.00	-4.000	298.830	-2.00	281+0.000	298.910	298.533	0.376	4.000	298.830	-2.00	4.246	298.460	-150.00
-4.125	298.331	-150.00	-4.000	298.518	-2.00	282+0.000	298.598	298.253	0.345	4.000	298.518	-2.00	4.231	298.172	-150.00
-4.195	297.915	-150.00	-4.000	298.207	-2.00	283+0.000	298.287	297.867	0.419	4.000	298.207	-2.00	4.258	297.819	-150.00
-4.244	297.529	-150.00	-4.000	297.895	-2.00	284+0.000	297.975	297.483	0.492	4.000	297.895	-2.00	4.306	297.437	-150.00
-4.193	297.295	-150.00	-4.000	297.585	-2.00	285+0.000	297.665	297.259	0.406	4.000	297.585	-2.00	4.241	297.223	-150.00
-4.169	297.334	-150.00	-4.000	297.587	-2.00	286+0.000	297.667	297.282	0.385	4.000	297.587	-2.00	4.245	297.220	-150.00
-4.177	297.489	-150.00	-4.000	297.754	-2.00	287+0.000	297.834	297.435	0.398	4.000	297.754	-2.00	4.249	297.380	-150.00
-4.169	297.617	-150.00	-4.000	297.871	-2.00	288+0.000	297.951	297.553	0.398	4.000	297.871	-2.00	4.267	297.470	-150.00
-4.162	297.565	-150.00	-4.000	297.808	-2.00	289+0.000	297.888	297.488	0.400	4.000	297.808	-2.00	4.265	297.410	-150.00
-4.163	297.360	-150.00	-4.000	297.604	-2.00	290+0.000	297.684	297.290	0.395	4.000	297.604	-2.00	4.258	297.218	-150.00
-4.152	297.133	-150.00	-4.000	297.361	-2.00	291+0.000	297.441	297.053	0.387	4.000	297.361	-2.00	4.259	296.972	-150.00
-4.183	296.764	-150.00	-4.000	297.039	-2.00	292+0.000	297.119	296.715	0.404	4.000	297.039	-2.00	4.249	296.666	-150.00
-4.177	296.291	-150.00	-4.000	296.556	-2.00	293+0.000	296.636	296.244	0.392	4.000	296.556	-2.00	4.240	296.197	-150.00
-4.175	295.811	-150.00	-4.000	296.074	-2.00	294+0.000	296.154	295.767	0.387	4.000	296.074	-2.00	4.235	295.721	-150.00
-4.188	295.326	-150.00	-4.000	295.609	-2.00	295+0.000	295.689	295.303	0.385	4.000	295.609	-2.00	4.208	295.296	-150.00
-4.205	294.950	-150.00	-4.000	295.258	-2.00	296+0.000	295.338	294.959	0.379	4.000	295.258	-2.00	4.193	294.968	-150.00
-4.216	294.741	-150.00	-4.000	295.065	-2.00	297+0.000	295.145	294.758	0.387	4.000	295.065	-2.00	4.194	294.774	-150.00
-4.232	294.847	-150.00	-4.000	295.195	-2.00	298+0.000	295.275	294.835	0.440	4.000	295.195	-2.00	4.255	294.812	-150.00
-4.340	295.113	-150.00	-4.000	295.624	-2.00	299+0.000	295.704	295.089	0.614	4.000	295.624	-2.00	4.372	295.065	-150.00
-4.388	295.471	-150.00	-4.000	296.053	-2.00	300+0.000	296.133	295.474	0.659	4.000	296.053	-2.00	4.381	295.482	-150.00
-4.299	296.034	-150.00	-4.000	296.482	-2.00	301+0.000	296.562	296.032	0.530	4.000	296.482	-2.00	4.301	296.031	-150.00
-4.188	296.671	-150.00	-4.000	296.953	-2.00	302+0.000	297.033	296.631	0.402	4.000	296.953	-2.00	4.242	296.590	-150.00
-4.205	297.134	-150.00	-4.000	297.442	-2.00	303+0.000	297.522	297.109	0.413	4.000	297.442	-2.00	4.239	297.084	-150.00
-4.147	297.456	-150.00	-4.000	297.677	-2.00	304+0.000	297.757	297.432	0.325	4.000	297.677	-2.00	4.180	297.407	-150.00
-4.119	297.417	-150.00	-4.000	297.596	-2.00	305+0.000	297.676	297.443	0.234	4.000	297.596	-2.00	4.086	297.468	-150.00
-4.125	297.153	-150.00	-4.000	297.341	-2.00	306+0.000	297.421	297.139	0.282	4.000	297.341	-2.00	4.143	297.127	-150.00
-4.202	296.778	-150.00	-4.000	297.081	-2.00	307+0.000	297.161	296.767	0.394	4.000	297.081	-2.00	4.215	296.758	-150.00
-4.291	296.364	-150.00	-4.000	296.800	-2.00	308+0.000	296.880	296.328	0.552	4.000	296.800	-2.00	4.339	296.291	-150.00
-4.237	296.164	-150.00	-4.000	296.520	-2.00	309+0.000	296.600	296.122	0.477	4.000	296.520	-2.00	4.293	296.080	-150.00
-4.241	295.968	-150.00	-4.000	296.330	-2.00	310+0.000	296.410	295.921	0.489	4.000	296.330	-2.00	4.305	295.872	-150.00
-4.227	295.876	-150.00	-4.000	296.216	-2.00	311+0.000	296.296	295.827	0.469	4.000	296.216	-2.00	4.292	295.778	-150.00
-4.167	295.852	-150.00	-4.000	296.103	-2.00	312+0.000	296.183	295.808	0.374	4.000	296.103	-2.00	4.226	295.764	-150.00
-4.180	295.837	-150.00	-4.000	296.107	-2.00	313+0.000	296.187	295.788	0.399	4.000	296.107	-2.00	4.246	295.739	-150.00
-4.185	295.963	-150.00	-4.000	296.241	-2.00	314+0.000	296.321	295.922	0.399	4.000	296.241	-2.00	4.259	295.853	-150.00
-4.227	295.898	-150.00	-4.000	296.239	-2.00	315+0.000	296.319	295.869	0.450	4.000	296.239	-2.00	4.266	295.840	-150.00
-4.230	295.890	-150.00	-4.000	296.235	-2.00	316+0.000	296.315	295.875	0.440	4.000	296.235	-2.00	4.249	295.861	-150.00

Osvaldo Leôncio da Silv[illegible]o
Diretor da Unidade de Progr[illegible]os
Projetos e Obras - DUPPO
Secretaria das Cidades (Sc[illegible]d)

-4.221	295.915	-150.00	-4.000	296.247	-2.00	317+0.000	296.327	295.925	0.402	4.000	296.247	-2.00	4.190	295.962	-150.00
-4.374	296.152	-150.00	-4.000	296.713	-2.00	318+0.000	296.793	296.217	0.576	4.000	296.713	-2.00	4.288	296.281	-150.00
-4.583	296.446	-150.00	-4.000	297.321	-2.00	319+0.000	297.401	296.655	0.747	4.000	297.321	-2.00	4.314	296.851	-150.00
-4.369	297.447	-150.00	-4.000	297.999	-2.00	320+0.000	298.079	297.676	0.403	4.000	297.999	-2.00	4.073	297.890	-150.00
-4.359	298.646	-150.00	-4.000	299.185	-2.00	321+0.000	299.265	298.903	0.362	4.000	299.185	-2.00	4.030	299.139	-150.00
-4.507	300.219	-150.00	-4.000	300.980	-2.00	322+0.000	301.060	300.501	0.558	4.000	300.980	-2.00	4.146	300.761	-150.00
-4.479	302.075	-150.00	-4.000	302.794	-2.00	323+0.000	302.874	302.453	0.420	4.000	302.794	-2.00	4.024	302.758	-150.00
-4.585	303.342	-150.00	-4.000	304.219	-2.00	324+0.000	304.299	303.867	0.432	4.000	304.219	-2.00	4.192	304.347	66.67
-4.598	303.829	-150.00	-4.000	304.727	-2.00	325+0.000	304.807	304.420	0.387	4.000	304.727	-2.00	4.370	304.973	66.67
-4.537	303.509	-150.00	-4.000	304.315	-2.00	326+0.000	304.395	303.991	0.405	4.000	304.315	-2.00	4.177	304.434	66.67
-4.417	302.678	-150.00	-4.000	303.304	-2.00	327+0.000	303.384	303.141	0.242	4.000	303.304	-2.00	4.467	303.615	66.67
-4.245	301.912	-150.00	-4.000	302.279	-2.00	328+0.000	302.359	302.351	0.008	4.000	302.279	-2.00	4.734	302.769	66.67
-4.295	300.812	-150.00	-4.000	301.255	-2.00	329+0.000	301.335	300.919	0.415	4.000	301.255	-2.00	4.027	301.214	-150.00
-4.231	300.407	-150.00	-4.000	300.753	-2.00	330+0.000	300.833	300.460	0.373	4.000	300.753	-2.00	4.160	300.512	-150.00
-4.223	300.061	-150.00	-4.000	300.396	-2.00	331+0.000	300.476	300.077	0.399	4.000	300.396	-2.00	4.186	300.117	-150.00
-4.272	299.963	-150.00	-4.000	300.370	-2.00	332+0.000	300.450	299.984	0.466	4.000	300.370	-2.00	4.243	300.005	-150.00
-4.243	300.038	-150.00	-4.000	300.402	-2.00	333+0.000	300.482	300.083	0.399	4.000	300.402	-2.00	4.205	300.095	-150.00
-4.221	299.929	-150.00	-4.000	300.261	-2.00	334+0.000	300.341	299.946	0.395	4.000	300.261	-2.00	4.199	299.963	-150.00
-4.300	299.813	-150.00	-4.000	300.263	-2.00	335+0.000	300.343	299.931	0.412	4.000	300.263	-2.00	4.211	299.946	-150.00
-4.345	299.049	-150.00	-4.000	299.566	-2.00	336+0.000	299.646	299.249	0.397	4.000	299.566	-2.00	4.091	299.429	-150.00
-4.324	298.317	-150.00	-4.000	298.804	-2.00	337+0.000	298.884	298.507	0.377	4.000	298.804	-2.00	4.071	298.697	-150.00
-4.355	297.749	-150.00	-4.000	298.282	-2.00	338+0.000	298.362	298.001	0.362	4.000	298.282	-2.00	4.033	298.232	-150.00
-4.323	297.284	-150.00	-4.000	297.768	-2.00	339+0.000	297.848	297.524	0.324	4.000	297.768	-2.00	4.030	297.723	-150.00
-4.357	296.719	-150.00	-4.000	297.254	-2.00	340+0.000	297.334	296.933	0.401	4.000	297.254	-2.00	4.080	297.135	-150.00
-4.327	296.250	-150.00	-4.000	296.740	-2.00	341+0.000	296.820	296.397	0.424	4.000	296.740	-2.00	4.133	296.540	-150.00
-4.304	295.730	-150.00	-4.000	296.186	-2.00	342+0.000	296.266	295.880	0.387	4.000	296.186	-2.00	4.109	296.022	-150.00
-4.206	295.488	-150.00	-4.000	295.796	-2.00	343+0.000	295.876	295.532	0.345	4.000	295.796	-2.00	4.148	295.575	-150.00
-4.205	295.307	-150.00	-4.000	295.615	-2.00	344+0.000	295.695	295.331	0.364	4.000	295.615	-2.00	4.173	295.356	-150.00
-4.191	295.139	-150.00	-4.000	295.426	-2.00	345+0.000	295.506	295.144	0.362	4.000	295.426	-2.00	4.185	295.149	-150.00
-4.155	294.997	-150.00	-4.000	295.229	-2.00	346+0.000	295.309	294.995	0.314	4.000	295.229	-2.00	4.157	294.994	-150.00
-4.216	294.700	-150.00	-4.000	295.023	-2.00	347+0.000	295.103	294.720	0.383	4.000	295.023	-2.00	4.189	294.740	-150.00
-4.208	294.338	-150.00	-4.000	294.651	-2.00	348+0.000	294.731	294.337	0.393	4.000	294.651	-2.00	4.209	294.337	-150.00
-4.251	293.799	-150.00	-4.000	294.176	-2.00	349+0.000	294.256	293.866	0.390	4.000	294.176	-2.00	4.185	293.899	-150.00
-4.407	292.994	-150.00	-4.000	293.605	-2.00	350+0.000	293.685	293.132	0.553	4.000	293.605	-2.00	4.227	293.264	-150.00
-4.427	292.393	-150.00	-4.000	293.034	-2.00	351+0.000	293.114	292.532	0.582	4.000	293.034	-2.00	4.246	292.665	-150.00
-4.493	291.723	-150.00	-4.000	292.462	-2.00	352+0.000	292.542	291.865	0.677	4.000	292.462	-2.00	4.294	292.021	-150.00
-4.496	291.146	-150.00	-4.000	291.891	-2.00	353+0.000	291.971	291.305	0.665	4.000	291.891	-2.00	4.287	291.461	-150.00
-4.400	290.720	-150.00	-4.000	291.319	-2.00	354+0.000	291.399	290.852	0.547	4.000	291.319	-2.00	4.222	290.986	-150.00
-4.245	290.381	-150.00	-4.000	290.748	-2.00	355+0.000	290.828	290.542	0.286	4.000	290.748	-2.00	4.035	290.695	-150.00
-4.318	290.388	66.67	-4.000	290.176	-2.00	356+0.000	290.256	290.481	-0.225	4.000	290.176	-2.00	4.606	290.580	66.67
-5.047	290.298	66.67	-4.000	289.600	-2.00	357+0.000	289.680	290.351	-0.671	4.000	289.600	-2.00	5.210	290.406	66.67
-5.159	289.759	66.67	-4.000	288.986	-2.00	358+0.000	289.066	289.797	-0.731	4.000	288.986	-2.00	5.276	289.836	66.67
-5.202	289.167	66.67	-4.000	288.365	-2.00	359+0.000	288.445	289.121	-0.675	4.000	288.365	-2.00	5.066	289.076	66.67
-4.845	288.308	66.67	-4.000	287.745	-2.00	360+0.000	287.825	288.262	-0.437	4.000	287.745	-2.00	4.709	288.217	66.67
-4.461	287.432	66.67	-4.000	287.124	-2.00	361+0.000	287.204	287.347	-0.143	4.000	287.124	-2.00	4.212	287.266	66.67
			-4.000	286.503	-2.00	362+0.000	286.583	286.377	0.207	4.000	286.503	-2.00	4.171	286.247	-150.00
-4.148	285.661	-150.00	-4.000	285.883	-2.00	363+0.000	285.963	285.505	0.458	4.000	285.883	-2.00	4.287	285.452	-150.00
-4.282	285.065	-150.00	-4.000	285.488	-2.00	364+0.000	285.568	285.006	0.562	4.000	285.488	-2.00	4.341	284.977	-150.00
-4.330	284.726	-150.00	-4.000	285.221	-2.00	365+0.000	285.301	284.630	0.670	4.000	285.221	-2.00	4.453	284.541	-150.00
-4.413	284.334	-150.00	-4.000	284.953	-2.00	366+0.000	285.033	284.244	0.789	4.000	284.953	-2.00	4.510	284.188	-150.00
-4.453	284.006	-150.00	-4.000	284.686	-2.00	367+0.000	284.766	284.011	0.755	4.000	284.686	-2.00	4.447	284.015	-150.00
-4.178	284.152	-150.00	-4.000	284.419	-2.00	368+0.000	284.499	284.102	0.396	4.000	284.419	-2.00	4.250	284.044	-150.00
-4.126	284.010	-150.00	-4.000	284.199	-2.00	369+0.000	284.279	283.904	0.375	4.000	284.199	-2.00	4.269	283.795	-150.00
-4.133	284.022	-150.00	-4.000	284.222	-2.00	370+0.000	284.302	283.937	0.365	4.000	284.222	-2.00	4.249	283.849	-150.00
-4.127	284.058	-150.00	-4.000	284.248	-2.00	371+0.000	284.328	283.970	0.358	4.000	284.248	-2.00	4.246	283.880	-150.00
-4.158	284.037	-150.00	-4.000	284.274	-2.00	372+0.000	284.354	283.949	0.405	4.000	284.274	-2.00	4.282	283.851	-150.00
-4.073	283.964	-150.00	-4.000	284.074	-2.00	373+0.000	284.154	283.784	0.369	4.000	284.074	-2.00	4.321	283.593	-150.00
-4.042	283.736	-150.00	-4.000	283.799	-2.00	374+0.000	283.879	283.559	0.320	4.000	283.799	-2.00	4.285	283.371	-150.00
-4.092	283.387	-150.00	-4.000	283.524	-2.00	375+0.000	283.604	283.178	0.427	4.000	283.524	-2.00	4.314	283.054	-150.00
-4.073	283.005	-150.00	-4.000	283.114	-2.00	376+0.000	283.194	282.812	0.383	4.000	283.114	-2.00	4.339	282.606	-150.00
-4.143	282.458	-150.00	-4.000	282.672	-2.00	377+0.000	282.752	282.360	0.392	4.000	282.672	-2.00	4.275	282.259	-150.00
-4.077	281.829	-150.00	-4.000	281.944	-2.00	378+0.000	282.024	281.636	0.388	4.000	281.944	-2.00	4.276	281.530	-150.00
-4.090	281.743	-150.00	-4.000	281.878	-2.00	379+0.000	281.958	281.579	0.378	4.000	281.878	-2.00	4.324	281.392	-150.00
-4.223	281.050	-150.00	-4.000	281.384	-2.00	380+0.000	281.464	280.981	0.483	4.000	281.384	-2.00	4.315	280.911	-150.00
-4.128	280.712	-150.00	-4.000	280.904	-2.00	381+0.000	280.984	280.602	0.382	4.000	280.904	-2.00	4.250	280.529	-150.00
-4.103	280.301	-150.00	-4.000	280.455	-2.00	382+0.000	280.535	280.144	0.391	4.000	280.455	-2.00	4.318	279.978	-150.00
-4.115	279.593	-150.00	-4.000	279.765	-2.00	383+0.000	279.845	279.435	0.410	4.000	279.765	-2.00	4.330	279.269	-150.00
-4.099	279.067	-150.00	-4.000	279.216	-2.00	384+0.000	279.296	278.853	0.443	4.000	279.216	-2.00	4.395	278.624	-150.00
-4.110	278.643	-150.00	-4.000	278.808	-2.00	385+0.000	278.888	278.433	0.455	4.000	278.808	-2.00	4.400	278.208	-150.00
-4.134	278.200	-150.00	-4.000	278.401	-2.00	386+0.000	278.481	277.995	0.486	4.000	278.401	-2.00	4.407	277.790	-150.00
-4.059	277.923	-150.00	-4.000	278.011	-2.00	387+0.000	278.091	277.701	0.391	4.000	278.011	-2.00	4.367	277.462	-150.00
-4.100	277.726	-150.00	-4.000	277.876	-2.00	388+0.000	277.956	277.512	0.445	4.000	277.876	-2.00	4.396	277.282	-150.00
-4.083	277.700	-150.00	-4.000	277.823	-2.00	389+0.000	277.903	277.485	0.418	4.000	277.823	-2.00	4.379	277.255	-150.00
-4.027	277.513	66.67	-4.000	277.495	-2.00	390+0.000	277.575	277.201	0.374	4.000	277.495	-2.00	4.425	276.858	-150.00
-4.085	277.093	66.67	-4.000	277.036	-2.00	391+0.000	277.116	276.803	0.313	4.000	277.036	-2.00	4.362	276.493	-150.00
-4.156	276.681	66.67	-4.000	276.577	-2.00	392+0.000	276.657	276.373	0.284	4.000	276.577	-2.00	4.351	276.050	-150.00
-4.193	276.246	66.67	-4.000	276.117	-2.00	393+0.000	276.197	275.925	0.272	4.000	276.117	-2.00	4.350	275.592	-150.00
-4.144	275.754	66.67	-4.000	275.658	-2.00	394+0.000	275.738	275.452	0.286	4.000	275.658	-2.00	4.340	275.148	-150.00
-4.023	275.165	-150.00	-4.000	275.199	-2.00	395+0.000	275.279	274.928	0.351	4.000	275.199	-2.00	4.352	274.671	-150.00
-4.036	274.686	-150.00	-4.000	274.740	-2.00	396+0.000	274.820	274.433	0.386	4.000	274.740	-2.00	4.387	274.159	-150.00
-4.048	274.278	-150.00	-4.000	274.350	-2.00	397+0.000	274.430	274.078	0.352	4.000	274.350	-2.00	4.328	273.858	-150.00

Osvaldo Leôncio da Silva [illegible]
Director da Unidade de Progra[illegible]
Projetos e Obras - DUPP[illegible]
Secretaria [illegible]

-4.055	273.899	-150.00	-4.000	273.982	-2.00	398+0.000	274.062	273.714	0.348	4.000	273.982	-2.00	4.324	273.496	-150.00
-4.068	273.512	-150.00	-4.000	273.615	-2.00	399+0.000	273.695	273.331	0.364	4.000	273.615	-2.00	4.323	273.131	-150.00
-4.082	273.123	-150.00	-4.000	273.246	-2.00	400+0.000	273.326	272.934	0.392	4.000	273.246	-2.00	4.342	272.733	-150.00
-4.082	272.650	-150.00	-4.000	272.773	-2.00	401+0.000	272.853	272.467	0.386	4.000	272.773	-2.00	4.338	272.267	-150.00
-4.019	272.070	66.67	-4.000	272.057	-2.00	402+0.000	272.137	271.877	0.260	4.000	272.057	-2.00	4.247	271.687	-150.00
-4.196	271.459	66.67	-4.000	271.328	-2.00	403+0.000	271.408	271.283	0.125	4.000	271.328	-2.00	4.143	271.114	-150.00
-4.008	270.588	-150.00	-4.000	270.600	-2.00	404+0.000	270.680	270.431	0.248	4.000	270.600	-2.00	4.223	270.265	-150.00
-4.113	269.702	-150.00	-4.000	269.871	-2.00	405+0.000	269.951	269.564	0.387	4.000	269.871	-2.00	4.300	269.420	-150.00
-4.144	269.034	-150.00	-4.000	269.250	-2.00	406+0.000	269.330	268.908	0.421	4.000	269.250	-2.00	4.315	268.778	-150.00
-4.111	268.488	-150.00	-4.000	268.654	-2.00	407+0.000	268.734	268.351	0.383	4.000	268.654	-2.00	4.298	268.207	-150.00
-4.105	267.989	-150.00	-4.000	268.147	-2.00	408+0.000	268.227	267.851	0.376	4.000	268.147	-2.00	4.294	267.706	-150.00
-4.104	267.595	-150.00	-4.000	267.750	-2.00	409+0.000	267.830	267.471	0.359	4.000	267.750	-2.00	4.271	267.344	-150.00
-4.127	267.190	-150.00	-4.000	267.380	-2.00	410+0.000	267.460	267.062	0.398	4.000	267.380	-2.00	4.300	266.929	-150.00
-4.146	266.909	-150.00	-4.000	267.129	-2.00	411+0.000	267.209	266.788	0.421	4.000	267.129	-2.00	4.311	266.662	-150.00
-4.130	266.683	-150.00	-4.000	266.878	-2.00	412+0.000	266.958	266.558	0.399	4.000	266.878	-2.00	4.300	266.428	-150.00
-4.141	266.416	-150.00	-4.000	266.627	-2.00	413+0.000	266.707	266.278	0.429	4.000	266.627	-2.00	4.329	266.133	-150.00
-4.119	266.196	-150.00	-4.000	266.375	-2.00	414+0.000	266.455	266.054	0.401	4.000	266.375	-2.00	4.312	265.907	-150.00
-4.058	265.934	-150.00	-4.000	266.022	-2.00	415+0.000	266.102	265.758	0.344	4.000	266.022	-2.00	4.308	265.560	-150.00
-4.118	265.628	66.67	-4.000	265.550	-2.00	416+0.000	265.630	265.439	0.191	4.000	265.550	-2.00	4.210	265.235	-150.00
-4.011	265.085	66.67	-4.000	265.078	-2.00	417+0.000	265.158	264.831	0.327	4.000	265.078	-2.00	4.347	264.558	-150.00
-4.029	264.574	-150.00	-4.000	264.618	-2.00	418+0.000	264.698	264.309	0.388	4.000	264.618	-2.00	4.403	264.013	-150.00
-4.035	264.151	-150.00	-4.000	264.203	-2.00	419+0.000	264.283	263.893	0.390	4.000	264.203	-2.00	4.400	263.603	-150.00
-4.051	263.494	-150.00	-4.000	263.571	-2.00	420+0.000	263.651	263.262	0.388	4.000	263.571	-2.00	4.353	263.041	-150.00
-4.099	263.037	-150.00	-4.000	263.186	-2.00	421+0.000	263.266	262.823	0.443	4.000	263.186	-2.00	4.396	262.592	-150.00
-4.176	262.575	-150.00	-4.000	262.839	-2.00	422+0.000	262.919	262.401	0.519	4.000	262.839	-2.00	4.377	262.274	-150.00
-4.224	262.157	-150.00	-4.000	262.493	-2.00	423+0.000	262.573	262.039	0.534	4.000	262.493	-2.00	4.384	261.917	-150.00
-4.160	261.907	-150.00	-4.000	262.146	-2.00	424+0.000	262.226	261.806	0.420	4.000	262.146	-2.00	4.296	261.702	-150.00
-4.164	261.611	-150.00	-4.000	261.858	-2.00	425+0.000	261.938	261.551	0.387	4.000	261.858	-2.00	4.231	261.511	-150.00
-4.195	261.397	-150.00	-4.000	261.690	-2.00	426+0.000	261.770	261.367	0.403	4.000	261.690	-2.00	4.236	261.336	-150.00
-4.177	261.053	-150.00	-4.000	261.318	-2.00	427+0.000	261.398	261.007	0.391	4.000	261.318	-2.00	4.239	260.960	-150.00
-4.180	260.367	-150.00	-4.000	260.638	-2.00	428+0.000	260.718	260.339	0.379	4.000	260.638	-2.00	4.177	260.372	-150.00
-4.232	259.764	-150.00	-4.000	260.113	-2.00	429+0.000	260.193	259.808	0.385	4.000	260.113	-2.00	4.175	259.850	-150.00
-4.223	259.380	-150.00	-4.000	259.715	-2.00	430+0.000	259.795	259.429	0.366	4.000	259.715	-2.00	4.159	259.477	-150.00
-4.215	259.413	-150.00	-4.000	259.735	-2.00	431+0.000	259.815	259.420	0.395	4.000	259.735	-2.00	4.205	259.428	-150.00
-4.273	259.515	-150.00	-4.000	259.923	-2.00	432+0.000	260.003	259.597	0.407	4.000	259.923	-2.00	4.167	259.673	-150.00
-4.246	260.246	-150.00	-4.000	260.615	-2.00	433+0.000	260.695	260.295	0.400	4.000	260.615	-2.00	4.203	260.311	-150.00
-4.257	260.965	-150.00	-4.000	261.350	-2.00	434+0.000	261.430	261.017	0.413	4.000	261.350	-2.00	4.225	261.012	-150.00
-4.233	261.746	-150.00	-4.000	262.096	-2.00	435+0.000	262.176	261.779	0.397	4.000	262.096	-2.00	4.234	261.745	-150.00
-4.237	262.423	-150.00	-4.000	262.777	-2.00	436+0.000	262.857	262.399	0.459	4.000	262.777	-2.00	4.306	262.318	-150.00
-4.170	262.864	-150.00	-4.000	263.119	-2.00	437+0.000	263.199	262.825	0.374	4.000	263.119	-2.00	4.246	262.750	-150.00
-4.143	262.876	-150.00	-4.000	263.090	-2.00	438+0.000	263.170	262.802	0.368	4.000	263.090	-2.00	4.268	262.687	-150.00
-4.194	262.399	-150.00	-4.000	262.689	-2.00	439+0.000	262.769	262.329	0.440	4.000	262.689	-2.00	4.288	262.257	-150.00
-4.192	261.632	-150.00	-4.000	261.920	-2.00	440+0.000	262.000	261.647	0.353	4.000	261.920	-2.00	4.172	261.662	-150.00
-4.277	260.843	-150.00	-4.000	261.260	-2.00	441+0.000	261.340	260.883	0.457	4.000	261.260	-2.00	4.225	260.922	-150.00
-4.283	260.441	-150.00	-4.000	260.865	-2.00	442+0.000	260.945	260.424	0.521	4.000	260.865	-2.00	4.309	260.401	-150.00
-4.204	260.284	-150.00	-4.000	260.590	-2.00	443+0.000	260.670	260.276	0.394	4.000	260.590	-2.00	4.225	260.253	-150.00
-4.212	260.154	-150.00	-4.000	260.473	-2.00	444+0.000	260.553	260.154	0.398	4.000	260.473	-2.00	4.212	260.154	-150.00
-4.232	260.105	-150.00	-4.000	260.453	-2.00	445+0.000	260.533	260.104	0.428	4.000	260.453	-2.00	4.232	260.104	-150.00
-4.222	260.084	-150.00	-4.000	260.417	-2.00	446+0.000	260.497	260.109	0.388	4.000	260.417	-2.00	4.212	260.099	-150.00
-4.219	259.828	-150.00	-4.000	260.157	-2.00	447+0.000	260.237	259.835	0.402	4.000	260.157	-2.00	4.192	259.869	-150.00
-4.232	259.523	-150.00	-4.000	259.872	-2.00	448+0.000	259.952	259.563	0.389	4.000	259.872	-2.00	4.188	259.590	-150.00
-4.206	258.998	-150.00	-4.000	259.307	-2.00	449+0.000	259.387	259.066	0.321	4.000	259.307	-2.00	4.116	259.133	-150.00
-4.236	258.366	-150.00	-4.000	258.720	-2.00	450+0.000	258.800	258.420	0.380	4.000	258.720	-2.00	4.156	258.487	-150.00
-4.234	257.817	-150.00	-4.000	258.168	-2.00	451+0.000	258.248	257.893	0.355	4.000	258.168	-2.00	4.134	257.967	-150.00
-4.231	257.365	-150.00	-4.000	257.711	-2.00	452+0.000	257.791	257.410	0.382	4.000	257.711	-2.00	4.151	257.484	-150.00
-4.250	257.203	-150.00	-4.000	257.578	-2.00	453+0.000	257.658	257.294	0.364	4.000	257.578	-2.00	4.127	257.387	-150.00
-4.330	257.272	-150.00	-4.000	257.768	-2.00	454+0.000	257.848	257.323	0.524	4.000	257.768	-2.00	4.235	257.416	-150.00
-4.287	257.608	-150.00	-4.000	258.039	-2.00	455+0.000	258.119	257.624	0.495	4.000	258.039	-2.00	4.259	257.651	-150.00
-4.235	258.006	-150.00	-4.000	258.358	-2.00	456+0.000	258.438	258.031	0.407	4.000	258.358	-2.00	4.194	258.067	-150.00
-4.228	258.547	-150.00	-4.000	258.888	-2.00	457+0.000	258.968	258.543	0.425	4.000	258.888	-2.00	4.233	258.539	-150.00
-4.232	259.092	-150.00	-4.000	259.439	-2.00	458+0.000	259.519	259.149	0.370	4.000	259.439	-2.00	4.156	259.206	-150.00
-4.248	259.619	-150.00	-4.000	259.990	-2.00	459+0.000	260.070	259.669	0.401	4.000	259.990	-2.00	4.181	259.718	-150.00
-4.258	260.251	-150.00	-4.000	260.638	-2.00	460+0.000	260.718	260.366	0.352	4.000	260.638	-2.00	4.107	260.477	-150.00
-4.265	260.955	-150.00	-4.000	261.353	-2.00	461+0.000	261.433	261.095	0.337	4.000	261.353	-2.00	4.082	261.230	-150.00
-4.346	261.549	-150.00	-4.000	262.067	-2.00	462+0.000	262.147	261.731	0.417	4.000	262.067	-2.00	4.110	261.902	-150.00
-4.298	262.047	-150.00	-4.000	262.493	-2.00	463+0.000	262.573	262.222	0.351	4.000	262.493	-2.00	4.070	262.389	-150.00
-4.235	262.514	-150.00	-4.000	262.866	-2.00	464+0.000	262.946	262.646	0.300	4.000	262.866	-2.00	4.066	262.767	-150.00
-4.286	262.808	-150.00	-4.000	263.238	-2.00	465+0.000	263.318	262.918	0.399	4.000	263.238	-2.00	4.141	263.027	-150.00
-4.253	262.912	-150.00	-4.000	263.292	-2.00	466+0.000	263.372	263.017	0.355	4.000	263.292	-2.00	4.134	263.091	-150.00
-4.228	262.755	-150.00	-4.000	263.096	-2.00	467+0.000	263.176	262.784	0.392	4.000	263.096	-2.00	4.189	262.813	-150.00
-4.241	262.604	-150.00	-4.000	262.965	-2.00	468+0.000	263.045	262.637	0.408	4.000	262.965	-2.00	4.196	262.670	-150.00
-4.233	262.547	-150.00	-4.000	262.897	-2.00	469+0.000	262.977	262.571	0.405	4.000	262.897	-2.00	4.210	262.582	-150.00
-4.278	262.513	-150.00	-4.000	262.929	-2.00	470+0.000	263.009	262.524	0.485	4.000	262.929	-2.00	4.263	262.535	-150.00
-4.303	262.508	-150.00	-4.000	262.962	-2.00	471+0.000	263.042	262.513	0.529	4.000	262.962	-2.00	4.296	262.518	-150.00
-4.321	262.513	-150.00	-4.000	262.995	-2.00	472+0.000	263.075	262.522	0.553	4.000	262.995	-2.00	4.307	262.534	-150.00
-4.278	262.610	-150.00	-4.000	263.027	-2.00	473+0.000	263.107	262.698	0.410	4.000	263.027	-2.00	4.175	262.764	-150.00
-4.269	262.595	-150.00	-4.000	262.998	-2.00	474+0.000	263.078	262.697	0.381	4.000	262.998	-2.00	4.136	262.794	-150.00
-4.311	262.670	-150.00	-4.000	263.136	-2.00	475+0.000	263.216	262.807	0.408	4.000	263.136	-2.00	4.136	262.932	-150.00
-4.299	262.758	-150.00	-4.000	263.206	-2.00	476+0.000	263.286	262.888	0.398	4.000	263.206	-2.00	4.144	262.989	-150.00
-4.300	262.721	-150.00	-4.000	263.171	-2.00	477+0.000	263.251	262.850	0.401	4.000	263.171	-2.00	4.111	263.005	-150.00
-4.287	263.089	-150.00	-4.000	263.520	-2.00	478+0.000	263.600	263.210	0.389	4.000	263.520	-2.00	4.129	263.327	-150.00

Osvaldo Leôncio da Silv
Diretor da Unidade de Prog s
Projetos e Obras - DUP
Secretaria das Cidades

-4.289	263.498	-150.00	-4.000	263.931	-2.00	479+0.000	264.011	263.620	0.390	4.000	263.931	-2.00	4.128	263.738	-150.00
-4.297	263.851	-150.00	-4.000	264.296	-2.00	480+0.000	264.376	263.962	0.413	4.000	264.296	-2.00	4.150	264.070	-150.00
-4.300	264.184	-150.00	-4.000	264.635	-2.00	481+0.000	264.715	264.266	0.449	4.000	264.635	-2.00	4.189	264.352	-150.00
-4.287	264.455	-150.00	-4.000	264.885	-2.00	482+0.000	264.965	264.546	0.419	4.000	264.885	-2.00	4.167	264.634	-150.00
-4.308	264.453	-150.00	-4.000	264.915	-2.00	483+0.000	264.995	264.607	0.388	4.000	264.915	-2.00	4.108	264.753	-150.00
-4.319	264.465	-150.00	-4.000	264.944	-2.00	484+0.000	265.024	264.624	0.400	4.000	264.944	-2.00	4.084	264.818	-150.00
-4.301	264.593	-150.00	-4.000	265.045	-2.00	485+0.000	265.125	264.800	0.324	4.000	265.045	-2.00	4.033	264.995	-150.00
-4.376	264.585	-150.00	-4.000	265.149	-2.00	486+0.000	265.229	264.873	0.356	4.000	265.149	-2.00	4.035	265.097	-150.00
-4.401	264.652	-150.00	-4.000	265.254	-2.00	487+0.000	265.334	264.915	0.419	4.000	265.254	-2.00	4.064	265.157	-150.00
-4.352	264.829	-150.00	-4.000	265.358	-2.00	488+0.000	265.438	265.088	0.350	4.000	265.358	-2.00	4.029	265.315	-150.00
-4.278	265.045	-150.00	-4.000	265.463	-2.00	489+0.000	265.543	265.285	0.258	4.000	265.463	-2.00	4.077	265.514	66.67
-4.212	265.248	-150.00	-4.000	265.567	-2.00	490+0.000	265.647	265.480	0.167	4.000	265.567	-2.00	4.219	265.713	66.67
-4.164	265.426	-150.00	-4.000	265.671	-2.00	491+0.000	265.751	265.651	0.100	4.000	265.671	-2.00	4.319	265.884	66.67
-4.135	265.573	-150.00	-4.000	265.776	-2.00	492+0.000	265.856	265.799	0.057	4.000	265.776	-2.00	4.395	266.039	66.67
-4.045	265.813	-150.00	-4.000	265.880	-2.00	493+0.000	265.960	265.984	-0.023	4.000	265.880	-2.00	4.436	266.171	66.67
-4.043	266.013	66.67	-4.000	265.985	-2.00	494+0.000	266.065	266.183	-0.118	4.000	265.985	-2.00	4.580	266.371	66.67
-4.094	265.948	-150.00	-4.000	266.089	-2.00	495+0.000	266.169	266.149	0.020	4.000	266.089	-2.00	4.416	266.367	66.67
-4.253	265.814	-150.00	-4.000	266.194	-2.00	496+0.000	266.274	265.948	0.326	4.000	266.194	-2.00	4.031	266.148	-150.00
-4.370	265.787	-150.00	-4.000	266.342	-2.00	497+0.000	266.422	266.028	0.394	4.000	266.342	-2.00	4.060	266.252	-150.00
-4.394	265.948	-150.00	-4.000	266.539	-2.00	498+0.000	266.619	266.185	0.434	4.000	266.539	-2.00	4.089	266.406	-150.00
-4.392	266.147	-150.00	-4.000	266.736	-2.00	499+0.000	266.816	266.393	0.423	4.000	266.736	-2.00	4.077	266.620	-150.00
-4.376	266.458	-150.00	-4.000	267.022	-2.00	500+0.000	267.102	266.697	0.404	4.000	267.022	-2.00	4.053	266.941	-150.00
-4.388	266.826	-150.00	-4.000	267.408	-2.00	501+0.000	267.488	267.100	0.388	4.000	267.408	-2.00	4.038	267.351	-150.00
-4.321	267.619	-150.00	-4.000	268.100	-2.00	502+0.000	268.180	267.849	0.331	4.000	268.100	-2.00	4.032	268.053	-150.00
-4.432	268.185	-150.00	-4.000	268.834	-2.00	503+0.000	268.914	268.381	0.533	4.000	268.834	-2.00	4.173	268.574	-150.00
-4.430	268.817	-150.00	-4.000	269.461	-2.00	504+0.000	269.541	268.999	0.542	4.000	269.461	-2.00	4.194	269.171	-150.00
-4.401	269.274	-150.00	-4.000	269.876	-2.00	505+0.000	269.956	269.493	0.463	4.000	269.876	-2.00	4.119	269.698	-150.00
-4.318	269.608	-150.00	-4.000	270.085	-2.00	506+0.000	270.165	269.763	0.403	4.000	270.085	-2.00	4.090	269.950	-150.00
-4.243	269.724	-150.00	-4.000	270.089	-2.00	507+0.000	270.169	269.897	0.272	4.000	270.089	-2.00	4.006	270.079	-150.00
-4.241	269.551	-150.00	-4.000	269.912	-2.00	508+0.000	269.992	269.749	0.244	4.000	269.912	-2.00	4.034	269.935	66.67
-4.326	269.221	-150.00	-4.000	269.710	-2.00	509+0.000	269.790	269.427	0.363	4.000	269.710	-2.00	4.060	269.620	-150.00
-4.379	268.939	-150.00	-4.000	269.508	-2.00	510+0.000	269.588	269.159	0.429	4.000	269.508	-2.00	4.094	269.367	-150.00
-4.415	268.682	-150.00	-4.000	269.305	-2.00	511+0.000	269.385	268.898	0.487	4.000	269.305	-2.00	4.136	269.101	-150.00
-4.378	268.539	-150.00	-4.000	269.106	-2.00	512+0.000	269.186	268.761	0.425	4.000	269.106	-2.00	4.092	268.968	-150.00
-4.356	268.507	-150.00	-4.000	269.040	-2.00	513+0.000	269.120	268.724	0.396	4.000	269.040	-2.00	4.075	268.928	-150.00
-4.363	268.525	-150.00	-4.000	269.070	-2.00	514+0.000	269.150	268.757	0.393	4.000	269.070	-2.00	4.071	268.963	-150.00
-4.368	268.631	-150.00	-4.000	269.184	-2.00	515+0.000	269.264	268.870	0.393	4.000	269.184	-2.00	4.050	269.109	-150.00
-4.367	268.888	-150.00	-4.000	269.438	-2.00	516+0.000	269.518	269.123	0.395	4.000	269.438	-2.00	4.064	269.341	-150.00
-4.277	269.493	-150.00	-4.000	269.908	-2.00	517+0.000	269.988	269.699	0.289	4.000	269.908	-2.00	4.016	269.884	-150.00
-4.331	269.883	-150.00	-4.000	270.379	-2.00	518+0.000	270.459	270.072	0.386	4.000	270.379	-2.00	4.080	270.259	-150.00
-4.340	270.365	-150.00	-4.000	270.876	-2.00	519+0.000	270.956	270.536	0.420	4.000	270.876	-2.00	4.120	270.695	-150.00
-4.303	270.662	-150.00	-4.000	271.117	-2.00	520+0.000	271.197	270.792	0.405	4.000	271.117	-2.00	4.133	270.917	-150.00
-4.317	270.616	-150.00	-4.000	271.092	-2.00	521+0.000	271.172	270.764	0.408	4.000	271.092	-2.00	4.146	270.873	-150.00
-4.294	270.393	-150.00	-4.000	270.834	-2.00	522+0.000	270.914	270.509	0.404	4.000	270.834	-2.00	4.142	270.621	-150.00
-4.277	270.159	-150.00	-4.000	270.575	-2.00	523+0.000	270.655	270.254	0.401	4.000	270.575	-2.00	4.145	270.357	-150.00
-4.258	270.019	-150.00	-4.000	270.406	-2.00	524+0.000	270.486	270.092	0.394	4.000	270.406	-2.00	4.162	270.163	-150.00
-4.246	270.075	-150.00	-4.000	270.444	-2.00	525+0.000	270.524	270.142	0.381	4.000	270.444	-2.00	4.157	270.209	-150.00
-4.258	270.618	-150.00	-4.000	271.005	-2.00	526+0.000	271.085	270.671	0.414	4.000	271.005	-2.00	4.148	270.783	-150.00
-4.309	271.494	-150.00	-4.000	271.957	-2.00	527+0.000	272.037	271.614	0.423	4.000	271.957	-2.00	4.151	271.730	-150.00
-4.314	272.190	-150.00	-4.000	272.661	-2.00	528+0.000	272.741	272.292	0.450	4.000	272.661	-2.00	4.155	272.429	-150.00
-4.293	272.836	-150.00	-4.000	273.276	-2.00	529+0.000	273.356	272.943	0.413	4.000	273.276	-2.00	4.158	273.039	-150.00
-4.265	273.111	-150.00	-4.000	273.508	-2.00	530+0.000	273.588	273.180	0.409	4.000	273.508	-2.00	4.165	273.262	-150.00
-4.329	273.121	-150.00	-4.000	273.615	-2.00	531+0.000	273.695	273.273	0.422	4.000	273.615	-2.00	4.113	273.445	-150.00
-4.346	273.168	-150.00	-4.000	273.687	-2.00	532+0.000	273.767	273.364	0.403	4.000	273.687	-2.00	4.093	273.547	-150.00
-4.390	273.139	-150.00	-4.000	273.724	-2.00	533+0.000	273.804	273.337	0.467	4.000	273.724	-2.00	4.134	273.524	-150.00
-4.362	273.242	-150.00	-4.000	273.786	-2.00	534+0.000	273.866	273.432	0.433	4.000	273.786	-2.00	4.115	273.614	-150.00
-4.381	273.367	-150.00	-4.000	273.938	-2.00	535+0.000	274.018	273.627	0.391	4.000	273.938	-2.00	4.047	273.867	-150.00
-4.362	273.906	-150.00	-4.000	274.450	-2.00	536+0.000	274.530	274.117	0.413	4.000	274.450	-2.00	4.090	274.314	-150.00
-4.335	274.147	-150.00	-4.000	274.649	-2.00	537+0.000	274.729	274.325	0.404	4.000	274.649	-2.00	4.112	274.481	-150.00
-4.290	274.244	-150.00	-4.000	274.679	-2.00	538+0.000	274.759	274.345	0.414	4.000	274.679	-2.00	4.122	274.495	-150.00
-4.283	274.259	-150.00	-4.000	274.683	-2.00	539+0.000	274.763	274.360	0.404	4.000	274.683	-2.00	4.127	274.492	-150.00
-4.309	274.155	-150.00	-4.000	274.619	-2.00	540+0.000	274.699	274.301	0.398	4.000	274.619	-2.00	4.120	274.440	-150.00
-4.356	273.960	-150.00	-4.000	274.494	-2.00	541+0.000	274.574	274.099	0.475	4.000	274.494	-2.00	4.174	274.233	-150.00
-4.276	273.955	-150.00	-4.000	274.369	-2.00	542+0.000	274.449	274.053	0.396	4.000	274.369	-2.00	4.130	274.174	-150.00
-4.307	274.038	-150.00	-4.000	274.498	-2.00	543+0.000	274.578	274.203	0.375	4.000	274.498	-2.00	4.097	274.353	-150.00
-4.330	274.123	-150.00	-4.000	274.619	-2.00	544+0.000	274.699	274.289	0.410	4.000	274.619	-2.00	4.114	274.447	-150.00
-4.370	274.113	-150.00	-4.000	274.669	-2.00	545+0.000	274.749	274.286	0.463	4.000	274.669	-2.00	4.138	274.461	-150.00
-4.356	274.185	-150.00	-4.000	274.720	-2.00	546+0.000	274.800	274.380	0.419	4.000	274.720	-2.00	4.103	274.564	-150.00
-4.368	274.219	-150.00	-4.000	274.771	-2.00	547+0.000	274.851	274.344	0.506	4.000	274.771	-2.00	4.204	274.465	-150.00
-4.320	274.344	-150.00	-4.000	274.824	-2.00	548+0.000	274.904	274.515	0.388	4.000	274.824	-2.00	4.110	274.659	-150.00
-4.356	274.732	-150.00	-4.000	275.266	-2.00	549+0.000	275.346	274.943	0.403	4.000	275.266	-2.00	4.083	275.141	-150.00
-4.357	275.250	-150.00	-4.000	275.786	-2.00	550+0.000	275.866	275.462	0.404	4.000	275.786	-2.00	4.083	275.662	-150.00
-4.303	275.852	-150.00	-4.000	276.307	-2.00	551+0.000	276.387	276.057	0.329	4.000	276.307	-2.00	4.041	276.245	-150.00
-4.283	276.403	-150.00	-4.000	276.827	-2.00	552+0.000	276.907	276.566	0.341	4.000	276.827	-2.00	4.073	276.718	-150.00
-4.291	276.911	-150.00	-4.000	277.347	-2.00	553+0.000	277.427	277.076	0.351	4.000	277.347	-2.00	4.077	277.232	-150.00
-4.275	277.455	-150.00	-4.000	277.868	-2.00	554+0.000	277.948	277.607	0.340	4.000	277.868	-2.00	4.078	277.750	-150.00
-4.328	277.896	-150.00	-4.000	278.388	-2.00	555+0.000	278.468	278.023	0.444	4.000	278.388	-2.00	4.163	278.143	-150.00
-4.337	278.359	-150.00	-4.000	278.865	-2.00	556+0.000	278.945	278.471	0.474	4.000	278.865	-2.00	4.190	278.580	-150.00
-4.301	278.814	-150.00	-4.000	279.265	-2.00	557+0.000	279.345	278.923	0.422	4.000	279.265	-2.00	4.157	279.029	-150.00
-4.272	279.179	-150.00	-4.000	279.587	-2.00	558+0.000	279.667	279.271	0.397	4.000	279.587	-2.00	4.161	279.346	-150.00
-4.273	279.424	-150.00	-4.000	279.833	-2.00	559+0.000	279.913	279.508	0.405	4.000	279.833	-2.00	4.162	279.590	-150.00

Osvaldo Leôncio da Silv[illegible]ho
Diretor da Unidade de Progr[illegible]as
Projetos e Obras - DUPO
Secretaria [illegible] Cidades [illegible]

-4.266	279.602	-150.00	-4.000	280.001	-2.00	560+0.000	280.081	279.683	0.398	4.000	280.001	-2.00	4.159	279.763	-150.00
-4.239	279.734	-150.00	-4.000	280.092	-2.00	561+0.000	280.172	279.818	0.354	4.000	280.092	-2.00	4.129	279.899	-150.00
-4.193	279.834	-150.00	-4.000	280.124	-2.00	562+0.000	280.204	279.882	0.322	4.000	280.124	-2.00	4.130	279.929	-150.00
-4.207	279.962	-150.00	-4.000	280.272	-2.00	563+0.000	280.352	280.010	0.342	4.000	280.272	-2.00	4.191	279.985	-150.00
-4.270	280.072	-150.00	-4.000	280.476	-2.00	564+0.000	280.556	280.156	0.400	4.000	280.476	-2.00	4.156	280.243	-150.00
-4.289	280.383	-150.00	-4.000	280.816	-2.00	565+0.000	280.896	280.496	0.401	4.000	280.816	-2.00	4.137	280.611	-150.00
-4.381	281.089	-150.00	-4.000	281.660	-2.00	566+0.000	281.740	281.242	0.498	4.000	281.660	-2.00	4.182	281.387	-150.00
-4.347	282.038	-150.00	-4.000	282.558	-2.00	567+0.000	282.638	282.132	0.506	4.000	282.558	-2.00	4.194	282.268	-150.00
-4.337	282.606	-150.00	-4.000	283.112	-2.00	568+0.000	283.192	282.752	0.440	4.000	283.112	-2.00	4.154	282.882	-150.00
-4.296	282.919	-150.00	-4.000	283.362	-2.00	569+0.000	283.442	283.043	0.399	4.000	283.362	-2.00	4.133	283.163	-150.00
-4.295	283.044	-150.00	-4.000	283.488	-2.00	570+0.000	283.568	283.167	0.400	4.000	283.488	-2.00	4.135	283.286	-150.00
-4.325	283.048	-150.00	-4.000	283.536	-2.00	571+0.000	283.616	283.168	0.448	4.000	283.536	-2.00	4.174	283.276	-150.00
-4.505	282.865	-150.00	-4.000	283.622	-2.00	572+0.000	283.702	282.941	0.761	4.000	283.622	-2.00	4.404	283.016	-150.00
-4.651	282.732	-150.00	-4.000	283.707	-2.00	573+0.000	283.787	282.789	0.998	4.000	283.707	-2.00	4.575	282.846	-150.00
-4.720	282.713	-150.00	-4.000	283.793	-2.00	574+0.000	283.873	282.766	1.107	4.000	283.793	-2.00	4.649	282.819	-150.00
-4.760	282.738	-150.00	-4.000	283.879	-2.00	575+0.000	283.959	282.755	1.204	4.000	283.879	-2.00	4.738	282.772	-150.00
-4.834	282.713	-150.00	-4.000	283.964	-2.00	576+0.000	284.044	282.726	1.318	4.000	283.964	-2.00	4.806	282.756	-150.00
-4.722	282.966	-150.00	-4.000	284.050	-2.00	577+0.000	284.130	282.997	1.133	4.000	284.050	-2.00	4.682	283.026	-150.00
-4.646	283.166	-150.00	-4.000	284.135	-2.00	578+0.000	284.215	283.179	1.036	4.000	284.135	-2.00	4.631	283.189	-150.00
-4.578	283.354	-150.00	-4.000	284.221	-2.00	579+0.000	284.301	283.361	0.940	4.000	284.221	-2.00	4.568	283.369	-150.00
-4.447	283.636	-150.00	-4.000	284.307	-2.00	580+0.000	284.387	283.649	0.737	4.000	284.307	-2.00	4.429	283.663	-150.00
-4.321	283.911	-150.00	-4.000	284.392	-2.00	581+0.000	284.472	283.928	0.544	4.000	284.392	-2.00	4.298	283.946	-150.00
-4.258	284.094	-150.00	-4.000	284.481	-2.00	582+0.000	284.561	284.161	0.400	4.000	284.481	-2.00	4.201	284.180	-150.00
-4.254	284.560	-150.00	-4.000	284.941	-2.00	583+0.000	285.021	284.618	0.403	4.000	284.941	-2.00	4.174	284.680	-150.00
-4.253	285.013	-150.00	-4.000	285.393	-2.00	584+0.000	285.473	285.058	0.415	4.000	285.393	-2.00	4.181	285.122	-150.00
-4.087	285.422	-150.00	-4.000	285.553	-2.00	585+0.000	285.633	285.458	0.175	4.000	285.553	-2.00	4.040	285.493	-150.00
-4.198	285.689	66.67	-4.000	285.557	-2.00	586+0.000	285.637	285.719	-0.083	4.000	285.557	-2.00	4.254	285.726	66.67
-4.038	285.586	66.67	-4.000	285.560	-2.00	587+0.000	285.640	285.600	0.040	4.000	285.560	-2.00	4.082	285.615	66.67
-4.162	285.321	-150.00	-4.000	285.564	-2.00	588+0.000	285.644	285.336	0.308	4.000	285.564	-2.00	4.149	285.341	-150.00
-4.198	284.858	-150.00	-4.000	285.154	-2.00	589+0.000	285.234	284.843	0.391	4.000	285.154	-2.00	4.232	284.806	-150.00
-4.140	284.165	-150.00	-4.000	284.375	-2.00	590+0.000	284.455	284.135	0.320	4.000	284.375	-2.00	4.191	284.088	-150.00
-4.061	282.987	-150.00	-4.000	283.078	-2.00	591+0.000	283.158	282.985	0.174	4.000	283.078	-2.00	4.064	282.982	-150.00
-4.084	281.650	-150.00	-4.000	281.776	-2.00	592+0.000	281.856	281.663	0.193	4.000	281.776	-2.00	4.066	281.677	-150.00
-4.217	280.149	-150.00	-4.000	280.474	-2.00	593+0.000	280.554	280.164	0.390	4.000	280.474	-2.00	4.197	280.179	-150.00
-4.413	278.552	-150.00	-4.000	279.172	-2.00	594+0.000	279.252	278.573	0.678	4.000	279.172	-2.00	4.385	278.595	-150.00
-4.523	277.085	-150.00	-4.000	277.870	-2.00	595+0.000	277.950	277.098	0.851	4.000	277.870	-2.00	4.514	277.099	-150.00
-4.378	276.000	-150.00	-4.000	276.567	-2.00	596+0.000	276.647	276.000	0.648	4.000	276.567	-2.00	4.380	275.998	-150.00
-4.214	274.945	-150.00	-4.000	275.265	-2.00	597+0.000	275.345	274.940	0.405	4.000	275.265	-2.00	4.220	274.935	-150.00
-4.331	274.014	-150.00	-4.000	274.510	-2.00	598+0.000	274.590	274.039	0.552	4.000	274.510	-2.00	4.298	274.063	-150.00
-4.405	273.215	-150.00	-4.000	273.822	-2.00	599+0.000	273.902	273.252	0.650	4.000	273.822	-2.00	4.355	273.290	-150.00
-4.379	272.565	-150.00	-4.000	273.134	-2.00	600+0.000	273.214	272.596	0.617	4.000	273.134	-2.00	4.338	272.627	-150.00
-4.356	271.912	-150.00	-4.000	272.445	-2.00	601+0.000	272.525	271.977	0.548	4.000	272.445	-2.00	4.280	272.025	-150.00
-4.243	271.392	-150.00	-4.000	271.757	-2.00	602+0.000	271.837	271.378	0.459	4.000	271.757	-2.00	4.266	271.358	-150.00
-4.213	270.749	-150.00	-4.000	271.069	-2.00	603+0.000	271.149	270.703	0.446	4.000	271.069	-2.00	4.275	270.656	-150.00
-4.187	270.100	-150.00	-4.000	270.380	-2.00	604+0.000	270.460	270.035	0.425	4.000	270.380	-2.00	4.274	269.969	-150.00
-4.131	269.495	-150.00	-4.000	269.692	-2.00	605+0.000	269.772	269.413	0.359	4.000	269.692	-2.00	4.242	269.330	-150.00
-4.134	268.939	-150.00	-4.000	269.140	-2.00	606+0.000	269.220	268.841	0.379	4.000	269.140	-2.00	4.267	268.740	-150.00
-4.151	268.497	-150.00	-4.000	268.723	-2.00	607+0.000	268.803	268.416	0.387	4.000	268.723	-2.00	4.242	268.360	-150.00
-4.177	268.159	-150.00	-4.000	268.425	-2.00	608+0.000	268.505	268.093	0.412	4.000	268.425	-2.00	4.266	268.026	-150.00
-4.182	267.967	-150.00	-4.000	268.240	-2.00	609+0.000	268.320	267.913	0.406	4.000	268.240	-2.00	4.254	267.859	-150.00
-4.193	267.935	-150.00	-4.000	268.224	-2.00	610+0.000	268.304	267.901	0.404	4.000	268.224	-2.00	4.239	267.866	-150.00
-4.188	268.023	-150.00	-4.000	268.305	-2.00	611+0.000	268.385	267.983	0.403	4.000	268.305	-2.00	4.220	267.975	-150.00
-4.187	267.919	-150.00	-4.000	268.199	-2.00	612+0.000	268.279	267.873	0.406	4.000	268.199	-2.00	4.183	267.924	-150.00
-4.195	267.758	-150.00	-4.000	268.050	-2.00	613+0.000	268.130	267.731	0.399	4.000	268.050	-2.00	4.203	267.745	-150.00
-4.228	267.486	-150.00	-4.000	267.828	-2.00	614+0.000	267.908	267.504	0.404	4.000	267.828	-2.00	4.196	267.534	-150.00
-4.175	266.989	-150.00	-4.000	267.252	-2.00	615+0.000	267.332	267.010	0.323	4.000	267.252	-2.00	4.148	267.030	-150.00
-4.188	266.386	-150.00	-4.000	266.668	-2.00	616+0.000	266.748	266.390	0.358	4.000	266.668	-2.00	4.170	266.413	-150.00
-4.207	265.747	-150.00	-4.000	266.057	-2.00	617+0.000	266.137	265.752	0.385	4.000	266.057	-2.00	4.200	265.758	-150.00
-4.250	264.935	-150.00	-4.000	265.311	-2.00	618+0.000	265.391	264.956	0.435	4.000	265.311	-2.00	4.223	264.977	-150.00
-4.172	264.305	-150.00	-4.000	264.563	-2.00	619+0.000	264.643	264.294	0.349	4.000	264.563	-2.00	4.198	264.266	-150.00
-4.173	263.536	-150.00	-4.000	263.795	-2.00	620+0.000	263.875	263.514	0.361	4.000	263.795	-2.00	4.195	263.502	-150.00
-4.030	262.897	-150.00	-4.000	262.941	-2.00	621+0.000	263.021	262.886	0.135	4.000	262.941	-2.00	4.035	262.888	-150.00
-4.210	262.227	66.67	-4.000	262.087	-2.00	622+0.000	262.167	262.156	0.011	4.000	262.087	-2.00	4.026	262.105	66.67
-4.417	261.511	66.67	-4.000	261.233	-2.00	623+0.000	261.313	261.435	-0.122	4.000	261.233	-2.00	4.194	261.363	66.67
-4.604	260.782	66.67	-4.000	260.380	-2.00	624+0.000	260.460	260.704	-0.244	4.000	260.380	-2.00	4.337	260.604	66.67
-4.496	259.857	66.67	-4.000	259.526	-2.00	625+0.000	259.606	259.745	-0.139	4.000	259.526	-2.00	4.173	259.641	66.67
-4.262	258.847	66.67	-4.000	258.672	-2.00	626+0.000	258.752	258.770	-0.018	4.000	258.672	-2.00	4.016	258.683	66.67
-4.017	257.857	-150.00	-4.000	257.883	-2.00	627+0.000	257.963	257.789	0.174	4.000	257.883	-2.00	4.109	257.720	-150.00
-4.243	256.881	-150.00	-4.000	257.246	-2.00	628+0.000	257.326	256.877	0.450	4.000	257.246	-2.00	4.257	256.860	-150.00
-4.276	256.348	-150.00	-4.000	256.762	-2.00	629+0.000	256.842	256.427	0.415	4.000	256.762	-2.00	4.172	256.504	-150.00
-4.287	255.999	-150.00	-4.000	256.429	-2.00	630+0.000	256.509	256.051	0.458	4.000	256.429	-2.00	4.218	256.102	-150.00
-4.265	255.852	-150.00	-4.000	256.249	-2.00	631+0.000	256.329	255.905	0.424	4.000	256.249	-2.00	4.199	255.950	-150.00
-4.232	255.821	-150.00	-4.000	256.170	-2.00	632+0.000	256.250	255.846	0.404	4.000	256.170	-2.00	4.201	255.867	-150.00
-4.183	255.769	-150.00	-4.000	256.043	-2.00	633+0.000	256.123	255.779	0.344	4.000	256.043	-2.00	4.169	255.789	-150.00
-4.203	255.565	-150.00	-4.000	255.870	-2.00	634+0.000	255.950	255.593	0.357	4.000	255.870	-2.00	4.168	255.619	-150.00
-4.215	255.370	-150.00	-4.000	255.693	-2.00	635+0.000	255.773	255.395	0.378	4.000	255.693	-2.00	4.182	255.419	-150.00
-4.234	255.167	-150.00	-4.000	255.518	-2.00	636+0.000	255.598	255.212	0.386	4.000	255.518	-2.00	4.183	255.244	-150.00
-4.227	255.360	-150.00	-4.000	255.699	-2.00	637+0.000	255.779	255.392	0.387	4.000	255.699	-2.00	4.183	255.425	-150.00
-4.206	255.762	-150.00	-4.000	256.071	-2.00	638+0.000	256.151	255.754	0.396	4.000	256.071	-2.00	4.202	255.768	-150.00
-4.360	256.500	-150.00	-4.000	257.041	-2.00	639+0.000	257.121	256.479	0.641	4.000	257.041	-2.00	4.388	256.458	-150.00
-4.198	258.054	-150.00	-4.000	258.351	-2.00	640+0.000	258.431	257.968	0.463	4.000	258.351	-2.00	4.344	257.836	-150.00

Osvaldo Leôncio da Silv
Diretor da Unidade de Proje
Projetos e Obras - DUPO
Secretaria

-4.199	259.591	-150.00	-4.000	259.890	-2.00	641+0.000	259.970	259.474	0.497	4.000	259.890	-2.00	4.359	259.352	-150.00
-4.180	261.192	-150.00	-4.000	261.463	-2.00	642+0.000	261.543	261.080	0.463	4.000	261.463	-2.00	4.330	260.968	-150.00
-4.173	262.608	-150.00	-4.000	262.867	-2.00	643+0.000	262.947	262.468	0.479	4.000	262.867	-2.00	4.375	262.305	-150.00
-4.095	263.736	-150.00	-4.000	263.879	-2.00	644+0.000	263.959	263.559	0.399	4.000	263.879	-2.00	4.345	263.361	-150.00
-4.131	264.004	-150.00	-4.000	264.200	-2.00	645+0.000	264.280	263.836	0.444	4.000	264.200	-2.00	4.361	263.658	-150.00
-4.113	264.079	-150.00	-4.000	264.248	-2.00	646+0.000	264.328	263.937	0.391	4.000	264.248	-2.00	4.306	263.790	-150.00
-4.102	264.099	-150.00	-4.000	264.252	-2.00	647+0.000	264.332	264.001	0.331	4.000	264.252	-2.00	4.235	263.900	-150.00
-4.077	264.222	-150.00	-4.000	264.337	-2.00	648+0.000	264.417	264.170	0.247	4.000	264.337	-2.00	4.177	264.072	-150.00
-4.202	264.119	-150.00	-4.000	264.423	-2.00	649+0.000	264.503	264.110	0.392	4.000	264.423	-2.00	4.210	264.107	-150.00
-4.215	264.235	-150.00	-4.000	264.558	-2.00	650+0.000	264.638	264.245	0.393	4.000	264.558	-2.00	4.203	264.254	-150.00
-4.200	264.399	-150.00	-4.000	264.699	-2.00	651+0.000	264.779	264.408	0.371	4.000	264.699	-2.00	4.188	264.418	-150.00
-4.237	264.558	-150.00	-4.000	264.914	-2.00	652+0.000	264.994	264.604	0.390	4.000	264.914	-2.00	4.203	264.610	-150.00
-4.250	264.886	-150.00	-4.000	265.261	-2.00	653+0.000	265.341	264.907	0.434	4.000	265.261	-2.00	4.229	264.918	-150.00
-4.234	265.390	-150.00	-4.000	265.741	-2.00	654+0.000	265.821	265.421	0.401	4.000	265.741	-2.00	4.193	265.451	-150.00
-4.239	265.995	-150.00	-4.000	266.354	-2.00	655+0.000	266.434	266.025	0.409	4.000	266.354	-2.00	4.200	266.054	-150.00
-4.232	266.752	-150.00	-4.000	267.099	-2.00	656+0.000	267.179	266.775	0.404	4.000	267.099	-2.00	4.192	266.811	-150.00
-4.237	267.605	-150.00	-4.000	267.961	-2.00	657+0.000	268.041	267.619	0.422	4.000	267.961	-2.00	4.218	267.633	-150.00
-4.240	268.479	-150.00	-4.000	268.839	-2.00	658+0.000	268.919	268.505	0.414	4.000	268.839	-2.00	4.209	268.526	-150.00
-4.224	269.307	-150.00	-4.000	269.644	-2.00	659+0.000	269.724	269.304	0.419	4.000	269.644	-2.00	4.228	269.302	-150.00
-4.179	270.039	-150.00	-4.000	270.308	-2.00	660+0.000	270.388	269.996	0.392	4.000	270.308	-2.00	4.234	269.957	-150.00
-4.102	270.563	-150.00	-4.000	270.717	-2.00	661+0.000	270.797	270.524	0.273	4.000	270.717	-2.00	4.155	270.484	-150.00
-4.143	270.911	-150.00	-4.000	271.126	-2.00	662+0.000	271.206	270.896	0.309	4.000	271.126	-2.00	4.163	270.882	-150.00
-4.196	271.196	-150.00	-4.000	271.490	-2.00	663+0.000	271.570	271.163	0.406	4.000	271.490	-2.00	4.233	271.141	-150.00
-4.156	271.262	-150.00	-4.000	271.496	-2.00	664+0.000	271.576	271.241	0.335	4.000	271.496	-2.00	4.184	271.220	-150.00
-4.126	271.252	-150.00	-4.000	271.441	-2.00	665+0.000	271.521	271.250	0.271	4.000	271.441	-2.00	4.128	271.249	-150.00
-4.159	271.147	-150.00	-4.000	271.386	-2.00	666+0.000	271.466	271.152	0.314	4.000	271.386	-2.00	4.152	271.157	-150.00
-4.185	271.054	-150.00	-4.000	271.330	-2.00	667+0.000	271.410	271.066	0.344	4.000	271.330	-2.00	4.163	271.086	-150.00
-4.209	270.962	-150.00	-4.000	271.275	-2.00	668+0.000	271.355	270.982	0.374	4.000	271.275	-2.00	4.182	271.002	-150.00
-4.197	270.925	-150.00	-4.000	271.220	-2.00	669+0.000	271.300	270.941	0.359	4.000	271.220	-2.00	4.175	270.958	-150.00
-4.217	270.839	-150.00	-4.000	271.165	-2.00	670+0.000	271.245	270.876	0.369	4.000	271.165	-2.00	4.161	270.923	-150.00
-4.175	270.848	-150.00	-4.000	271.110	-2.00	671+0.000	271.190	270.866	0.323	4.000	271.110	-2.00	4.150	270.885	-150.00
-4.194	270.763	-150.00	-4.000	271.055	-2.00	672+0.000	271.135	270.813	0.321	4.000	271.055	-2.00	4.139	270.846	-150.00
-4.257	270.606	-150.00	-4.000	270.991	-2.00	673+0.000	271.071	270.677	0.395	4.000	270.991	-2.00	4.163	270.746	-150.00
-4.243	270.282	-150.00	-4.000	270.646	-2.00	674+0.000	270.726	270.373	0.353	4.000	270.646	-2.00	4.131	270.449	-150.00
-4.210	269.915	-150.00	-4.000	270.230	-2.00	675+0.000	270.310	269.993	0.317	4.000	270.230	-2.00	4.107	270.070	-150.00
-4.222	269.482	-150.00	-4.000	269.814	-2.00	676+0.000	269.894	269.567	0.327	4.000	269.814	-2.00	4.109	269.650	-150.00
-4.220	269.069	-150.00	-4.000	269.399	-2.00	677+0.000	269.479	269.161	0.318	4.000	269.399	-2.00	4.099	269.250	-150.00
-4.258	268.598	-150.00	-4.000	268.985	-2.00	678+0.000	269.065	268.699	0.366	4.000	268.985	-2.00	4.120	268.805	-150.00
-4.279	268.430	-150.00	-4.000	268.848	-2.00	679+0.000	268.928	268.510	0.419	4.000	268.848	-2.00	4.174	268.587	-150.00
-4.315	268.312	-150.00	-4.000	268.785	-2.00	680+0.000	268.865	268.372	0.493	4.000	268.785	-2.00	4.235	268.432	-150.00
-4.270	268.317	-150.00	-4.000	268.721	-2.00	681+0.000	268.801	268.375	0.426	4.000	268.721	-2.00	4.192	268.433	-150.00
-4.256	268.384	-150.00	-4.000	268.768	-2.00	682+0.000	268.848	268.451	0.397	4.000	268.768	-2.00	4.165	268.520	-150.00
-4.263	268.579	-150.00	-4.000	268.974	-2.00	683+0.000	269.054	268.659	0.395	4.000	268.974	-2.00	4.158	268.737	-150.00
-4.261	268.960	-150.00	-4.000	269.351	-2.00	684+0.000	269.431	269.028	0.403	4.000	269.351	-2.00	4.170	269.096	-150.00
-4.240	269.388	-150.00	-4.000	269.748	-2.00	685+0.000	269.828	269.440	0.389	4.000	269.748	-2.00	4.169	269.495	-150.00
-4.281	269.711	-150.00	-4.000	270.132	-2.00	686+0.000	270.212	269.793	0.419	4.000	270.132	-2.00	4.172	269.873	-150.00
-4.267	269.752	-150.00	-4.000	270.153	-2.00	687+0.000	270.233	269.816	0.417	4.000	270.153	-2.00	4.183	269.879	-150.00
-4.239	269.652	-150.00	-4.000	270.010	-2.00	688+0.000	270.090	269.683	0.407	4.000	270.010	-2.00	4.190	269.725	-150.00
-4.246	269.264	-150.00	-4.000	269.633	-2.00	689+0.000	269.713	269.325	0.389	4.000	269.633	-2.00	4.151	269.407	-150.00
-4.271	268.837	-150.00	-4.000	269.244	-2.00	690+0.000	269.324	268.945	0.378	4.000	269.244	-2.00	4.131	269.047	-150.00
-4.273	268.498	-150.00	-4.000	268.908	-2.00	691+0.000	268.988	268.624	0.365	4.000	268.908	-2.00	4.120	268.729	-150.00
-4.302	268.123	-150.00	-4.000	268.575	-2.00	692+0.000	268.655	268.264	0.392	4.000	268.575	-2.00	4.117	268.400	-150.00
-4.299	267.884	-150.00	-4.000	268.332	-2.00	693+0.000	268.412	268.025	0.388	4.000	268.332	-2.00	4.115	268.159	-150.00
-4.306	267.888	-150.00	-4.000	268.346	-2.00	694+0.000	268.426	268.045	0.381	4.000	268.346	-2.00	4.103	268.192	-150.00
-4.315	267.909	-150.00	-4.000	268.381	-2.00	695+0.000	268.461	268.087	0.374	4.000	268.381	-2.00	4.084	268.255	-150.00
-4.210	268.055	-150.00	-4.000	268.369	-2.00	696+0.000	268.449	268.224	0.226	4.000	268.369	-2.00	4.033	268.391	66.67
-4.103	268.202	-150.00	-4.000	268.358	-2.00	697+0.000	268.438	268.370	0.067	4.000	268.358	-2.00	4.304	268.560	66.67
-4.020	268.316	-150.00	-4.000	268.346	-2.00	698+0.000	268.426	268.475	-0.049	4.000	268.346	-2.00	4.459	268.652	66.67
-4.030	268.289	-150.00	-4.000	268.334	-2.00	699+0.000	268.414	268.472	-0.058	4.000	268.334	-2.00	4.517	268.679	66.67
-4.080	268.202	-150.00	-4.000	268.322	-2.00	700+0.000	268.402	268.376	0.026	4.000	268.322	-2.00	4.382	268.577	66.67
-4.150	268.085	-150.00	-4.000	268.311	-2.00	701+0.000	268.391	268.263	0.127	4.000	268.311	-2.00	4.199	268.443	66.67
-4.218	267.971	-150.00	-4.000	268.299	-2.00	702+0.000	268.379	268.152	0.227	4.000	268.299	-2.00	4.038	268.324	66.67
-4.290	267.853	-150.00	-4.000	268.287	-2.00	703+0.000	268.367	268.035	0.332	4.000	268.287	-2.00	4.053	268.208	-150.00
-4.327	267.845	-150.00	-4.000	268.335	-2.00	704+0.000	268.415	268.012	0.403	4.000	268.335	-2.00	4.107	268.174	-150.00
-4.331	267.966	-150.00	-4.000	268.463	-2.00	705+0.000	268.543	268.133	0.410	4.000	268.463	-2.00	4.114	268.293	-150.00
-4.331	268.095	-150.00	-4.000	268.591	-2.00	706+0.000	268.671	268.263	0.409	4.000	268.591	-2.00	4.113	268.422	-150.00
-4.316	268.241	-150.00	-4.000	268.714	-2.00	707+0.000	268.794	268.396	0.398	4.000	268.714	-2.00	4.122	268.531	-150.00
-4.253	268.300	-150.00	-4.000	268.679	-2.00	708+0.000	268.759	268.440	0.320	4.000	268.679	-2.00	4.071	268.574	-150.00
-4.240	268.144	-150.00	-4.000	268.503	-2.00	709+0.000	268.583	268.280	0.303	4.000	268.503	-2.00	4.062	268.411	-150.00
-4.290	267.889	-150.00	-4.000	268.325	-2.00	710+0.000	268.405	268.033	0.372	4.000	268.325	-2.00	4.107	268.165	-150.00
-4.321	267.502	-150.00	-4.000	267.983	-2.00	711+0.000	268.063	267.644	0.418	4.000	267.983	-2.00	4.135	267.781	-150.00
-4.343	267.032	-150.00	-4.000	267.546	-2.00	712+0.000	267.626	267.178	0.448	4.000	267.546	-2.00	4.152	267.318	-150.00
-4.301	266.658	-150.00	-4.000	267.110	-2.00	713+0.000	267.190	266.789	0.401	4.000	267.110	-2.00	4.130	266.915	-150.00
-4.280	266.347	-150.00	-4.000	266.766	-2.00	714+0.000	266.846	266.454	0.392	4.000	266.766	-2.00	4.135	266.564	-150.00
-4.284	266.334	-150.00	-4.000	266.760	-2.00	715+0.000	266.840	266.446	0.394	4.000	266.760	-2.00	4.144	266.545	-150.00
-4.289	266.184	-150.00	-4.000	266.617	-2.00	716+0.000	266.697	266.287	0.410	4.000	266.617	-2.00	4.153	266.387	-150.00
-4.262	266.079	-150.00	-4.000	266.473	-2.00	717+0.000	266.553	266.151	0.402	4.000	266.473	-2.00	4.159	266.233	-150.00
-4.255	265.766	-150.00	-4.000	266.148	-2.00	718+0.000	266.228	265.828	0.400	4.000	266.148	-2.00	4.174	265.886	-150.00
-4.259	265.324	-150.00	-4.000	265.712	-2.00	719+0.000	265.792	265.402	0.390	4.000	265.712	-2.00	4.154	265.481	-150.00
-4.252	264.854	-150.00	-4.000	265.231	-2.00	720+0.000	265.311	264.924	0.387	4.000	265.231	-2.00	4.156	264.997	-150.00
-4.258	264.400	-150.00	-4.000	264.787	-2.00	721+0.000	264.867	264.485	0.382	4.000	264.787	-2.00	4.145	264.569	-150.00

Osvaldo Leôncio da
Diretor da Unidade de
Projetos e Obras -
Secretaria das Cidade

-4.240	264.122	-150.00	-4.000	264.482	-2.00	722+0.000	264.562	264.211	0.351	4.000	264.482	-2.00	4.123	264.298	-150.00
-4.227	263.837	-150.00	-4.000	264.177	-2.00	723+0.000	264.257	263.954	0.303	4.000	264.177	-2.00	4.094	264.036	-150.00
-4.295	263.429	-150.00	-4.000	263.872	-2.00	724+0.000	263.952	263.614	0.338	4.000	263.872	-2.00	4.054	263.791	-150.00
-4.289	263.133	-150.00	-4.000	263.567	-2.00	725+0.000	263.647	263.282	0.365	4.000	263.567	-2.00	4.095	263.425	-150.00
-4.309	262.894	-150.00	-4.000	263.357	-2.00	726+0.000	263.437	263.073	0.364	4.000	263.357	-2.00	4.077	263.242	-150.00
-4.324	262.721	-150.00	-4.000	263.207	-2.00	727+0.000	263.287	262.904	0.383	4.000	263.207	-2.00	4.089	263.073	-150.00
-4.317	262.594	-150.00	-4.000	263.070	-2.00	728+0.000	263.150	262.758	0.392	4.000	263.070	-2.00	4.103	262.915	-150.00
-4.284	262.544	-150.00	-4.000	262.969	-2.00	729+0.000	263.049	262.714	0.335	4.000	262.969	-2.00	4.062	262.876	-150.00
-4.190	262.584	-150.00	-4.000	262.869	-2.00	730+0.000	262.949	262.755	0.194	4.000	262.869	-2.00	4.078	262.921	66.67
-4.093	262.629	-150.00	-4.000	262.768	-2.00	731+0.000	262.848	262.693	0.155	4.000	262.768	-2.00	4.008	262.756	-150.00
-4.179	262.398	-150.00	-4.000	262.667	-2.00	732+0.000	262.747	262.446	0.301	4.000	262.667	-2.00	4.116	262.494	-150.00
-4.236	262.213	-150.00	-4.000	262.567	-2.00	733+0.000	262.647	262.291	0.356	4.000	262.567	-2.00	4.134	262.366	-150.00
-4.185	262.189	-150.00	-4.000	262.466	-2.00	734+0.000	262.546	262.255	0.291	4.000	262.466	-2.00	4.097	262.320	-150.00
-4.258	261.975	-150.00	-4.000	262.362	-2.00	735+0.000	262.442	262.064	0.378	4.000	262.362	-2.00	4.141	262.150	-150.00
-4.283	261.750	-150.00	-4.000	262.175	-2.00	736+0.000	262.255	261.863	0.392	4.000	262.175	-2.00	4.136	261.971	-150.00
-4.281	261.384	-150.00	-4.000	261.805	-2.00	737+0.000	261.885	261.489	0.396	4.000	261.805	-2.00	4.143	261.590	-150.00
-4.238	260.993	-150.00	-4.000	261.350	-2.00	738+0.000	261.430	261.040	0.390	4.000	261.350	-2.00	4.129	261.157	-150.00
-4.215	260.467	-150.00	-4.000	260.790	-2.00	739+0.000	260.870	260.486	0.384	4.000	260.790	-2.00	4.190	260.504	-150.00
-4.214	260.093	-150.00	-4.000	260.413	-2.00	740+0.000	260.493	260.121	0.372	4.000	260.413	-2.00	4.178	260.146	-150.00
-4.228	259.857	-150.00	-4.000	260.199	-2.00	741+0.000	260.279	259.883	0.396	4.000	260.199	-2.00	4.190	259.913	-150.00
-4.338	259.764	-150.00	-4.000	260.271	-2.00	742+0.000	260.351	259.787	0.564	4.000	260.271	-2.00	4.308	259.810	-150.00
-4.393	259.927	-150.00	-4.000	260.517	-2.00	743+0.000	260.597	259.977	0.620	4.000	260.517	-2.00	4.331	260.020	-150.00
-4.374	260.203	-150.00	-4.000	260.764	-2.00	744+0.000	260.844	260.279	0.564	4.000	260.764	-2.00	4.273	260.354	-150.00
-4.316	260.536	-150.00	-4.000	261.010	-2.00	745+0.000	261.090	260.608	0.482	4.000	261.010	-2.00	4.220	260.679	-150.00
-4.270	260.854	-150.00	-4.000	261.259	-2.00	746+0.000	261.339	260.928	0.410	4.000	261.259	-2.00	4.171	261.002	-150.00
-4.267	261.117	-150.00	-4.000	261.518	-2.00	747+0.000	261.598	261.189	0.409	4.000	261.518	-2.00	4.172	261.259	-150.00
-4.279	261.103	-150.00	-4.000	261.522	-2.00	748+0.000	261.602	261.189	0.413	4.000	261.522	-2.00	4.166	261.273	-150.00
-4.263	260.962	-150.00	-4.000	261.357	-2.00	749+0.000	261.437	261.051	0.385	4.000	261.357	-2.00	4.145	261.139	-150.00
-4.195	260.607	-150.00	-4.000	260.900	-2.00	750+0.000	260.980	260.710	0.270	4.000	260.900	-2.00	4.060	260.809	-150.00
-4.178	260.176	-150.00	-4.000	260.443	-2.00	751+0.000	260.523	260.284	0.239	4.000	260.443	-2.00	4.044	260.376	-150.00
-4.248	259.615	-150.00	-4.000	259.986	-2.00	752+0.000	260.066	259.729	0.338	4.000	259.986	-2.00	4.099	259.838	-150.00
-4.286	258.917	-150.00	-4.000	259.346	-2.00	753+0.000	259.426	259.044	0.383	4.000	259.346	-2.00	4.121	259.165	-150.00
-4.268	258.117	-150.00	-4.000	258.520	-2.00	754+0.000	258.600	258.266	0.334	4.000	258.520	-2.00	4.084	258.393	-150.00
-4.285	257.260	-150.00	-4.000	257.687	-2.00	755+0.000	257.767	257.399	0.368	4.000	257.687	-2.00	4.103	257.533	-150.00
-4.229	256.460	-150.00	-4.000	256.804	-2.00	756+0.000	256.884	256.535	0.349	4.000	256.804	-2.00	4.127	256.613	-150.00
-4.227	255.659	-150.00	-4.000	255.999	-2.00	757+0.000	256.079	255.705	0.375	4.000	255.999	-2.00	4.167	255.749	-150.00
-4.228	255.132	-150.00	-4.000	255.475	-2.00	758+0.000	255.555	255.176	0.379	4.000	255.475	-2.00	4.170	255.219	-150.00
-4.234	254.807	-150.00	-4.000	255.158	-2.00	759+0.000	255.238	254.851	0.387	4.000	255.158	-2.00	4.176	254.894	-150.00
-4.377	254.549	-150.00	-4.000	255.114	-2.00	760+0.000	255.194	254.616	0.578	4.000	255.114	-2.00	4.268	254.711	-150.00
-4.352	254.735	-150.00	-4.000	255.263	-2.00	761+0.000	255.343	254.788	0.555	4.000	255.263	-2.00	4.283	254.838	-150.00
-4.307	254.952	-150.00	-4.000	255.413	-2.00	762+0.000	255.493	254.992	0.501	4.000	255.413	-2.00	4.254	255.031	-150.00
-4.224	255.227	-150.00	-4.000	255.562	-2.00	763+0.000	255.642	255.249	0.393	4.000	255.562	-2.00	4.194	255.271	-150.00
-4.227	255.372	-150.00	-4.000	255.712	-2.00	764+0.000	255.792	255.416	0.376	4.000	255.712	-2.00	4.168	255.459	-150.00
-4.207	255.137	-150.00	-4.000	255.448	-2.00	765+0.000	255.528	255.157	0.371	4.000	255.448	-2.00	4.181	255.176	-150.00
-4.225	254.695	-150.00	-4.000	255.033	-2.00	766+0.000	255.113	254.747	0.366	4.000	255.033	-2.00	4.159	254.794	-150.00
-4.226	254.278	-150.00	-4.000	254.617	-2.00	767+0.000	254.697	254.330	0.368	4.000	254.617	-2.00	4.158	254.381	-150.00
-4.201	253.901	-150.00	-4.000	254.202	-2.00	768+0.000	254.282	253.921	0.361	4.000	254.202	-2.00	4.174	253.942	-150.00
-4.224	253.312	-150.00	-4.000	253.648	-2.00	769+0.000	253.728	253.338	0.391	4.000	253.648	-2.00	4.164	253.402	-150.00
-4.206	252.610	-150.00	-4.000	252.919	-2.00	770+0.000	252.999	252.596	0.403	4.000	252.919	-2.00	4.216	252.595	-150.00
-4.205	251.834	-150.00	-4.000	252.143	-2.00	771+0.000	252.223	251.840	0.383	4.000	252.143	-2.00	4.200	251.842	-150.00
-4.222	250.881	-150.00	-4.000	251.214	-2.00	772+0.000	251.294	250.915	0.379	4.000	251.214	-2.00	4.174	250.952	-150.00
-4.207	249.975	-150.00	-4.000	250.286	-2.00	773+0.000	250.366	249.998	0.368	4.000	250.286	-2.00	4.159	250.047	-150.00
-4.198	249.084	-150.00	-4.000	249.381	-2.00	774+0.000	249.461	249.083	0.378	4.000	249.381	-2.00	4.183	249.106	-150.00
-4.266	248.490	-150.00	-4.000	248.889	-2.00	775+0.000	248.969	248.540	0.429	4.000	248.889	-2.00	4.200	248.589	-150.00
-4.496	248.141	-150.00	-4.000	248.885	-2.00	776+0.000	248.965	248.105	0.860	4.000	248.885	-2.00	4.494	248.143	-150.00
-4.449	248.207	-150.00	-4.000	248.881	-2.00	777+0.000	248.961	248.155	0.806	4.000	248.881	-2.00	4.519	248.102	-150.00
-4.396	248.283	-150.00	-4.000	248.877	-2.00	778+0.000	248.957	248.275	0.682	4.000	248.877	-2.00	4.398	248.280	-150.00
-4.287	248.443	-150.00	-4.000	248.873	-2.00	779+0.000	248.953	248.428	0.525	4.000	248.873	-2.00	4.303	248.419	-150.00
-4.188	248.573	-150.00	-4.000	248.856	-2.00	780+0.000	248.936	248.544	0.392	4.000	248.856	-2.00	4.227	248.515	-150.00
-4.230	248.286	-150.00	-4.000	248.630	-2.00	781+0.000	248.710	248.314	0.396	4.000	248.630	-2.00	4.192	248.342	-150.00
-4.209	247.647	-150.00	-4.000	247.959	-2.00	782+0.000	248.039	247.692	0.348	4.000	247.959	-2.00	4.149	247.736	-150.00
-4.249	246.748	-150.00	-4.000	247.122	-2.00	783+0.000	247.202	246.784	0.418	4.000	247.122	-2.00	4.201	246.819	-150.00
-4.362	245.741	-150.00	-4.000	246.284	-2.00	784+0.000	246.364	245.833	0.531	4.000	246.284	-2.00	4.241	245.922	-150.00
-4.374	244.885	-150.00	-4.000	245.446	-2.00	785+0.000	245.526	244.963	0.563	4.000	245.446	-2.00	4.262	245.053	-150.00
-4.280	244.189	-150.00	-4.000	244.608	-2.00	786+0.000	244.688	244.255	0.433	4.000	244.608	-2.00	4.192	244.320	-150.00
-4.229	243.590	-150.00	-4.000	243.932	-2.00	787+0.000	244.012	243.625	0.387	4.000	243.932	-2.00	4.181	243.661	-150.00
-4.218	243.196	-150.00	-4.000	243.522	-2.00	788+0.000	243.602	243.214	0.389	4.000	243.522	-2.00	4.194	243.232	-150.00
-4.195	242.859	-150.00	-4.000	243.151	-2.00	789+0.000	243.231	242.852	0.380	4.000	243.151	-2.00	4.204	242.844	-150.00
-4.201	242.603	-150.00	-4.000	242.905	-2.00	790+0.000	242.985	242.591	0.394	4.000	242.905	-2.00	4.217	242.580	-150.00
-4.203	242.370	-150.00	-4.000	242.674	-2.00	791+0.000	242.754	242.358	0.396	4.000	242.674	-2.00	4.216	242.349	-150.00
-4.190	242.087	-150.00	-4.000	242.372	-2.00	792+0.000	242.452	242.059	0.393	4.000	242.372	-2.00	4.228	242.030	-150.00
-4.220	241.645	-150.00	-4.000	241.975	-2.00	793+0.000	242.055	241.639	0.416	4.000	241.975	-2.00	4.228	241.633	-150.00
-4.291	241.114	-150.00	-4.000	241.551	-2.00	794+0.000	241.631	241.121	0.511	4.000	241.551	-2.00	4.276	241.137	-150.00
-4.281	240.707	-150.00	-4.000	241.128	-2.00	795+0.000	241.208	240.756	0.452	4.000	241.128	-2.00	4.216	240.804	-150.00
-4.242	240.342	-150.00	-4.000	240.705	-2.00	796+0.000	240.785	240.394	0.391	4.000	240.705	-2.00	4.174	240.444	-150.00
-4.241	239.928	-150.00	-4.000	240.289	-2.00	797+0.000	240.369	239.995	0.374	4.000	240.289	-2.00	4.152	240.061	-150.00
-4.246	239.505	-150.00	-4.000	239.874	-2.00	798+0.000	239.954	239.588	0.366	4.000	239.874	-2.00	4.137	239.669	-150.00
-4.273	239.050	-150.00	-4.000	239.459	-2.00	799+0.000	239.539	239.145	0.395	4.000	239.459	-2.00	4.148	239.237	-150.00
-4.270	238.617	-150.00	-4.000	239.022	-2.00	800+0.000	239.102	238.711	0.391	4.000	239.022	-2.00	4.146	238.803	-150.00
-4.268	238.099	-150.00	-4.000	238.501	-2.00	801+0.000	238.581	238.193	0.388	4.000	238.501	-2.00	4.146	238.283	-150.00
-4.256	237.545	-150.00	-4.000	237.929	-2.00	802+0.000	238.009	237.621	0.388	4.000	237.929	-2.00	4.156	237.695	-150.00

Osvaldo Leôncio da Silva [illegible]o
Diretor da Unidade de Progra[illegible]s
Projetos e Obras - DUPPO
Secretaria das Cidades (Sedur)

-4.243	236.923	-150.00	-4.000	237.288	-2.00	803+0.000	237.368	236.989	0.379	4.000	237.288	-2.00	4.156	237.054	-150.00
-4.257	236.274	-150.00	-4.000	236.659	-2.00	804+0.000	236.739	236.359	0.380	4.000	236.659	-2.00	4.148	236.438	-150.00
-4.290	235.763	-150.00	-4.000	236.197	-2.00	805+0.000	236.277	235.843	0.434	4.000	236.197	-2.00	4.184	235.921	-150.00
-4.297	235.289	-150.00	-4.000	235.734	-2.00	806+0.000	235.814	235.375	0.439	4.000	235.734	-2.00	4.183	235.460	-150.00
-4.258	234.915	-150.00	-4.000	235.302	-2.00	807+0.000	235.382	234.990	0.392	4.000	235.302	-2.00	4.140	235.092	-150.00
-4.256	234.653	-150.00	-4.000	235.037	-2.00	808+0.000	235.117	234.750	0.367	4.000	235.037	-2.00	4.128	234.844	-150.00
-4.233	234.423	-150.00	-4.000	234.772	-2.00	809+0.000	234.852	234.556	0.296	4.000	234.772	-2.00	4.059	234.683	-150.00
-4.280	234.078	-150.00	-4.000	234.499	-2.00	810+0.000	234.579	234.191	0.388	4.000	234.499	-2.00	4.125	234.311	-150.00
-4.295	233.641	-150.00	-4.000	234.083	-2.00	811+0.000	234.163	233.766	0.397	4.000	234.083	-2.00	4.126	233.895	-150.00
-4.306	233.140	-150.00	-4.000	233.599	-2.00	812+0.000	233.679	233.295	0.383	4.000	233.599	-2.00	4.117	233.423	-150.00
-4.322	232.387	-150.00	-4.000	232.870	-2.00	813+0.000	232.950	232.573	0.378	4.000	232.870	-2.00	4.099	232.722	-150.00
-4.312	231.687	-150.00	-4.000	232.154	-2.00	814+0.000	232.234	231.855	0.379	4.000	232.154	-2.00	4.078	232.038	-150.00
-4.347	231.042	-150.00	-4.000	231.563	-2.00	815+0.000	231.643	231.240	0.403	4.000	231.563	-2.00	4.090	231.427	-150.00
-4.332	230.473	-150.00	-4.000	230.971	-2.00	816+0.000	231.051	230.679	0.372	4.000	230.971	-2.00	4.065	230.873	-150.00
-4.331	229.882	-150.00	-4.000	230.379	-2.00	817+0.000	230.459	230.088	0.371	4.000	230.379	-2.00	4.067	230.278	-150.00
-4.361	229.442	-150.00	-4.000	229.983	-2.00	818+0.000	230.063	229.620	0.443	4.000	229.983	-2.00	4.130	229.788	-150.00
-4.348	229.211	-150.00	-4.000	229.733	-2.00	819+0.000	229.813	229.409	0.405	4.000	229.733	-2.00	4.095	229.591	-150.00
-4.332	228.936	-150.00	-4.000	229.434	-2.00	820+0.000	229.514	229.146	0.369	4.000	229.434	-2.00	4.139	229.226	-150.00
-4.268	228.447	-150.00	-4.000	228.848	-2.00	821+0.000	228.928	228.510	0.418	4.000	228.848	-2.00	4.184	228.572	-150.00
-4.236	227.909	-150.00	-4.000	228.263	-2.00	822+0.000	228.343	227.907	0.435	4.000	228.263	-2.00	4.204	227.956	-150.00
-4.221	227.345	-150.00	-4.000	227.677	-2.00	823+0.000	227.757	227.352	0.405	4.000	227.677	-2.00	4.215	227.355	-150.00
-4.240	226.731	-150.00	-4.000	227.091	-2.00	824+0.000	227.171	226.732	0.438	4.000	227.091	-2.00	4.238	226.733	-150.00
-4.197	226.290	-150.00	-4.000	226.586	-2.00	825+0.000	226.666	226.261	0.405	4.000	226.586	-2.00	4.236	226.232	-150.00
-4.275	225.833	-150.00	-4.000	226.246	-2.00	826+0.000	226.326	225.866	0.460	4.000	226.246	-2.00	4.265	225.849	-150.00
-4.254	225.525	-150.00	-4.000	225.906	-2.00	827+0.000	225.986	225.518	0.468	4.000	225.906	-2.00	4.263	225.511	-150.00
-4.210	225.251	-150.00	-4.000	225.566	-2.00	828+0.000	225.646	225.290	0.356	4.000	225.566	-2.00	4.158	225.329	-150.00
-4.189	224.944	-150.00	-4.000	225.227	-2.00	829+0.000	225.307	224.946	0.360	4.000	225.227	-2.00	4.161	224.985	-150.00
-4.212	224.569	-150.00	-4.000	224.887	-2.00	830+0.000	224.967	224.587	0.380	4.000	224.887	-2.00	4.166	224.637	-150.00
-4.216	224.106	-150.00	-4.000	224.430	-2.00	831+0.000	224.510	224.116	0.394	4.000	224.430	-2.00	4.203	224.126	-150.00
-4.236	223.069	-150.00	-4.000	223.424	-2.00	832+0.000	223.504	223.058	0.446	4.000	223.424	-2.00	4.233	223.074	-150.00
-4.187	222.143	-150.00	-4.000	222.424	-2.00	833+0.000	222.504	222.079	0.425	4.000	222.424	-2.00	4.274	222.013	-150.00
-4.263	221.149	-150.00	-4.000	221.543	-2.00	834+0.000	221.623	221.101	0.522	4.000	221.543	-2.00	4.327	221.052	-150.00
-4.174	220.409	-150.00	-4.000	220.670	-2.00	835+0.000	220.750	220.316	0.434	4.000	220.670	-2.00	4.299	220.221	-150.00
-4.139	219.952	-150.00	-4.000	220.160	-2.00	836+0.000	220.240	219.826	0.414	4.000	220.160	-2.00	4.297	219.714	-150.00
-4.125	219.514	-150.00	-4.000	219.702	-2.00	837+0.000	219.782	219.386	0.396	4.000	219.702	-2.00	4.292	219.263	-150.00
-4.151	218.996	-150.00	-4.000	219.222	-2.00	838+0.000	219.302	218.870	0.432	4.000	219.222	-2.00	4.317	218.747	-150.00
-4.139	218.488	-150.00	-4.000	218.696	-2.00	839+0.000	218.776	218.349	0.427	4.000	218.696	-2.00	4.329	218.203	-150.00
-4.151	217.855	-150.00	-4.000	218.081	-2.00	840+0.000	218.161	217.782	0.379	4.000	218.081	-2.00	4.282	217.657	-150.00
-4.177	216.758	-150.00	-4.000	217.024	-2.00	841+0.000	217.104	216.670	0.434	4.000	217.024	-2.00	4.295	216.582	-150.00
-4.164	215.720	-150.00	-4.000	215.966	-2.00	842+0.000	216.046	215.646	0.401	4.000	215.966	-2.00	4.264	215.570	-150.00
-4.169	214.656	-150.00	-4.000	214.909	-2.00	843+0.000	214.989	214.593	0.396	4.000	214.909	-2.00	4.253	214.530	-150.00
-4.154	213.706	-150.00	-4.000	213.937	-2.00	844+0.000	214.017	213.640	0.377	4.000	213.937	-2.00	4.243	213.573	-150.00
-4.162	213.016	-150.00	-4.000	213.259	-2.00	845+0.000	213.339	212.962	0.377	4.000	213.259	-2.00	4.227	212.918	-150.00
-4.078	212.764	-150.00	-4.000	212.882	-2.00	846+0.000	212.962	212.702	0.260	4.000	212.882	-2.00	4.163	212.638	-150.00
-4.053	212.727	-150.00	-4.000	212.807	-2.00	847+0.000	212.887	212.664	0.223	4.000	212.807	-2.00	4.138	212.600	-150.00
-4.184	212.702	-150.00	-4.000	212.978	-2.00	848+0.000	213.058	212.660	0.398	4.000	212.978	-2.00	4.218	212.652	-150.00
-4.212	212.861	-150.00	-4.000	213.179	-2.00	849+0.000	213.259	212.852	0.407	4.000	213.179	-2.00	4.224	212.843	-150.00
-4.210	212.800	-150.00	-4.000	213.115	-2.00	850+0.000	213.195	212.838	0.358	4.000	213.115	-2.00	4.160	212.875	-150.00
-4.066	212.793	-150.00	-4.000	212.892	-2.00	851+0.000	212.972	212.872	0.100	4.000	212.892	-2.00	4.089	212.951	66.67
-4.136	212.464	-150.00	-4.000	212.668	-2.00	852+0.000	212.748	212.639	0.109	4.000	212.668	-2.00	4.224	212.818	66.67
-4.242	212.081	-150.00	-4.000	212.444	-2.00	853+0.000	212.524	212.298	0.227	4.000	212.444	-2.00	4.094	212.507	66.67
-4.320	211.740	-150.00	-4.000	212.221	-2.00	854+0.000	212.301	211.985	0.316	4.000	212.221	-2.00	4.006	212.211	-150.00
-4.366	211.448	-150.00	-4.000	211.997	-2.00	855+0.000	212.077	211.698	0.379	4.000	211.997	-2.00	4.031	211.951	-150.00
-4.309	211.492	-150.00	-4.000	211.956	-2.00	856+0.000	212.036	211.704	0.332	4.000	211.956	-2.00	4.036	211.903	-150.00
-4.313	211.495	-150.00	-4.000	211.965	-2.00	857+0.000	212.045	211.705	0.340	4.000	211.965	-2.00	4.042	211.902	-150.00
-4.287	211.553	-150.00	-4.000	211.984	-2.00	858+0.000	212.064	211.664	0.400	4.000	211.984	-2.00	4.092	211.846	-150.00
-4.294	211.599	-150.00	-4.000	212.040	-2.00	859+0.000	212.120	211.710	0.410	4.000	212.040	-2.00	4.132	211.842	-150.00
-4.286	211.478	-150.00	-4.000	211.906	-2.00	860+0.000	211.986	211.583	0.403	4.000	211.906	-2.00	4.135	211.704	-150.00
-4.313	211.085	-150.00	-4.000	211.554	-2.00	861+0.000	211.634	211.206	0.428	4.000	211.554	-2.00	4.154	211.323	-150.00
-4.320	210.475	-150.00	-4.000	210.955	-2.00	862+0.000	211.035	210.601	0.434	4.000	210.955	-2.00	4.155	210.722	-150.00
-4.297	209.939	-150.00	-4.000	210.385	-2.00	863+0.000	210.465	210.074	0.391	4.000	210.385	-2.00	4.121	210.203	-150.00
-4.341	209.500	-150.00	-4.000	210.011	-2.00	864+0.000	210.091	209.702	0.390	4.000	210.011	-2.00	4.055	209.929	-150.00
-4.312	209.321	-150.00	-4.000	209.788	-2.00	865+0.000	209.868	209.538	0.330	4.000	209.788	-2.00	4.026	209.748	-150.00
-4.280	209.149	-150.00	-4.000	209.569	-2.00	866+0.000	209.649	209.388	0.261	4.000	209.569	-2.00	4.070	209.615	66.67
-4.369	208.795	-150.00	-4.000	209.349	-2.00	867+0.000	209.429	209.004	0.425	4.000	209.349	-2.00	4.099	209.200	-150.00
-4.385	208.564	-150.00	-4.000	209.142	-2.00	868+0.000	209.222	208.829	0.393	4.000	209.142	-2.00	4.046	209.074	-150.00
-4.366	208.624	-150.00	-4.000	209.173	-2.00	869+0.000	209.253	208.842	0.411	4.000	209.173	-2.00	4.084	209.047	-150.00
-4.363	208.743	-150.00	-4.000	209.287	-2.00	870+0.000	209.367	208.968	0.400	4.000	209.287	-2.00	4.070	209.183	-150.00
-4.355	208.910	-150.00	-4.000	209.442	-2.00	871+0.000	209.522	209.143	0.379	4.000	209.442	-2.00	4.054	209.361	-150.00
-4.355	209.070	-150.00	-4.000	209.602	-2.00	872+0.000	209.682	209.244	0.439	4.000	209.602	-2.00	4.129	209.408	-150.00
-4.329	209.177	-150.00	-4.000	209.670	-2.00	873+0.000	209.750	209.316	0.434	4.000	209.670	-2.00	4.140	209.459	-150.00
-4.374	208.982	-150.00	-4.000	209.543	-2.00	874+0.000	209.623	209.160	0.463	4.000	209.543	-2.00	4.142	209.329	-150.00
-4.399	208.817	-150.00	-4.000	209.416	-2.00	875+0.000	209.496	208.991	0.505	4.000	209.416	-2.00	4.173	209.156	-150.00
-4.310	208.824	-150.00	-4.000	209.289	-2.00	876+0.000	209.369	209.003	0.366	4.000	209.289	-2.00	4.078	209.173	-150.00
-4.332	208.650	-150.00	-4.000	209.148	-2.00	877+0.000	209.228	208.821	0.407	4.000	209.148	-2.00	4.115	208.974	-150.00
-4.322	208.168	-150.00	-4.000	208.650	-2.00	878+0.000	208.730	208.320	0.410	4.000	208.650	-2.00	4.123	208.465	-150.00
-4.332	207.545	-150.00	-4.000	208.042	-2.00	879+0.000	208.122	207.721	0.401	4.000	208.042	-2.00	4.102	207.889	-150.00
-4.314	206.573	-150.00	-4.000	207.044	-2.00	880+0.000	207.124	206.750	0.374	4.000	207.044	-2.00	4.084	206.918	-150.00
-4.294	205.628	-150.00	-4.000	206.069	-2.00	881+0.000	206.149	205.790	0.359	4.000	206.069	-2.00	4.059	205.981	-150.00
-4.287	204.960	-150.00	-4.000	205.390	-2.00	882+0.000	205.470	205.096	0.374	4.000	205.390	-2.00	4.110	205.225	-150.00
-4.353	204.514	-150.00	-4.000	205.044	-2.00	883+0.000	205.124	204.710	0.414	4.000	205.044	-2.00	4.098	204.897	-150.00

Osvaldo Leôncio da Silv[illegible]
Diretor da Unidade de Progr[illegible]
Projetos e Obras - DUPP[illegible]
Secretaria das Cidades (Sinfra)

-4.392	204.309	-150.00	-4.000	204.897	-2.00	884+0.000	204.977	204.556	0.421	4.000	204.897	-2.00	4.075	204.784	-150.00
-4.361	204.326	-150.00	-4.000	204.867	-2.00	885+0.000	204.947	204.555	0.392	4.000	204.867	-2.00	4.059	204.779	-150.00
-4.381	204.416	-150.00	-4.000	204.988	-2.00	886+0.000	205.068	204.652	0.416	4.000	204.988	-2.00	4.077	204.871	-150.00
-4.320	204.729	-150.00	-4.000	205.208	-2.00	887+0.000	205.288	204.931	0.357	4.000	205.208	-2.00	4.058	205.122	-150.00
-4.319	204.950	-150.00	-4.000	205.428	-2.00	888+0.000	205.508	205.106	0.402	4.000	205.428	-2.00	4.115	205.256	-150.00
-4.312	204.976	-150.00	-4.000	205.444	-2.00	889+0.000	205.524	205.124	0.400	4.000	205.444	-2.00	4.119	205.265	-150.00
-4.314	204.845	-150.00	-4.000	205.315	-2.00	890+0.000	205.395	204.992	0.403	4.000	205.315	-2.00	4.122	205.133	-150.00
-4.302	204.464	-150.00	-4.000	204.917	-2.00	891+0.000	204.997	204.600	0.396	4.000	204.917	-2.00	4.123	204.732	-150.00
-4.288	203.928	-150.00	-4.000	204.360	-2.00	892+0.000	204.440	204.054	0.386	4.000	204.360	-2.00	4.123	204.175	-150.00
-4.287	203.207	-150.00	-4.000	203.637	-2.00	893+0.000	203.717	203.314	0.402	4.000	203.637	-2.00	4.145	203.419	-150.00
-4.286	202.483	-150.00	-4.000	202.913	-2.00	894+0.000	202.993	202.578	0.415	4.000	202.913	-2.00	4.170	202.657	-150.00
-4.311	201.724	-150.00	-4.000	202.190	-2.00	895+0.000	202.270	201.812	0.457	4.000	202.190	-2.00	4.194	201.899	-150.00
-4.244	201.104	-150.00	-4.000	201.469	-2.00	896+0.000	201.549	201.181	0.368	4.000	201.469	-2.00	4.142	201.255	-150.00
-4.284	200.538	-150.00	-4.000	200.964	-2.00	897+0.000	201.044	200.670	0.374	4.000	200.964	-2.00	4.101	200.813	-150.00
-4.305	200.231	-150.00	-4.000	200.689	-2.00	898+0.000	200.769	200.380	0.389	4.000	200.689	-2.00	4.111	200.523	-150.00
-4.315	200.127	-150.00	-4.000	200.599	-2.00	899+0.000	200.679	200.285	0.395	4.000	200.599	-2.00	4.109	200.435	-150.00
-4.207	200.399	-150.00	-4.000	200.709	-2.00	900+0.000	200.789	200.413	0.376	4.000	200.709	-2.00	4.163	200.465	-150.00
-4.220	200.578	-150.00	-4.000	200.908	-2.00	901+0.000	200.988	200.580	0.408	4.000	200.908	-2.00	4.218	200.581	-150.00
-4.268	200.544	-150.00	-4.000	200.946	-2.00	902+0.000	201.026	200.586	0.440	4.000	200.946	-2.00	4.204	200.640	-150.00
-4.261	200.497	-150.00	-4.000	200.889	-2.00	903+0.000	200.969	200.603	0.366	4.000	200.889	-2.00	4.085	200.762	-150.00
-4.327	200.341	-150.00	-4.000	200.831	-2.00	904+0.000	200.911	200.522	0.390	4.000	200.831	-2.00	4.093	200.692	-150.00
-4.344	200.347	-150.00	-4.000	200.863	-2.00	905+0.000	200.943	200.549	0.394	4.000	200.863	-2.00	4.083	200.738	-150.00
-4.326	200.457	-150.00	-4.000	200.946	-2.00	906+0.000	201.026	200.676	0.350	4.000	200.946	-2.00	4.044	200.880	-150.00
-4.188	200.749	-150.00	-4.000	201.031	-2.00	907+0.000	201.111	200.890	0.222	4.000	201.031	-2.00			
-4.269	200.713	-150.00	-4.000	201.116	-2.00	908+0.000	201.196	200.847	0.349	4.000	201.116	-2.00	4.094	200.976	-150.00
-4.296	200.757	-150.00	-4.000	201.202	-2.00	909+0.000	201.282	200.892	0.390	4.000	201.202	-2.00	4.110	201.037	-150.00
-4.288	201.013	-150.00	-4.000	201.445	-2.00	910+0.000	201.525	201.130	0.395	4.000	201.445	-2.00	4.135	201.242	-150.00
-4.286	201.403	-150.00	-4.000	201.832	-2.00	911+0.000	201.912	201.513	0.399	4.000	201.832	-2.00	4.141	201.621	-150.00
-4.189	202.194	-150.00	-4.000	202.477	-2.00	912+0.000	202.557	202.215	0.342	4.000	202.477	-2.00	4.160	202.237	-150.00
-4.127	202.981	-150.00	-4.000	203.172	-2.00	913+0.000	203.252	203.011	0.241	4.000	203.172	-2.00	4.088	203.040	-150.00
-4.171	203.599	-150.00	-4.000	203.856	-2.00	914+0.000	203.936	203.591	0.346	4.000	203.856	-2.00	4.183	203.582	-150.00
-4.201	203.915	-150.00	-4.000	204.216	-2.00	915+0.000	204.296	203.892	0.405	4.000	204.216	-2.00	4.232	203.868	-150.00
-4.195	203.813	-150.00	-4.000	204.105	-2.00	916+0.000	204.185	203.804	0.381	4.000	204.105	-2.00	4.197	203.809	-150.00
-4.210	203.307	-150.00	-4.000	203.622	-2.00	917+0.000	203.702	203.339	0.363	4.000	203.622	-2.00	4.168	203.370	-150.00
-4.250	202.551	-150.00	-4.000	202.926	-2.00	918+0.000	203.006	202.651	0.354	4.000	202.926	-2.00	4.117	202.750	-150.00
-4.232	201.887	-150.00	-4.000	202.234	-2.00	919+0.000	202.314	201.987	0.327	4.000	202.234	-2.00	4.097	202.089	-150.00
-4.240	201.323	-150.00	-4.000	201.683	-2.00	920+0.000	201.763	201.426	0.336	4.000	201.683	-2.00	4.104	201.526	-150.00
-4.273	200.922	-150.00	-4.000	201.332	-2.00	921+0.000	201.412	200.982	0.430	4.000	201.332	-2.00	4.187	201.052	-150.00
-4.214	200.862	-150.00	-4.000	201.184	-2.00	922+0.000	201.264	200.920	0.343	4.000	201.184	-2.00	4.137	200.978	-150.00
-4.207	200.926	-150.00	-4.000	201.236	-2.00	923+0.000	201.316	200.948	0.368	4.000	201.236	-2.00	4.178	200.969	-150.00
-4.208	201.178	-150.00	-4.000	201.491	-2.00	924+0.000	201.571	201.259	0.312	4.000	201.491	-2.00	4.102	201.338	-150.00
-4.258	201.552	-150.00	-4.000	201.938	-2.00	925+0.000	202.018	201.633	0.385	4.000	201.938	-2.00	4.151	201.712	-150.00
-4.263	202.042	-150.00	-4.000	202.436	-2.00	926+0.000	202.516	202.150	0.366	4.000	202.436	-2.00	4.121	202.254	-150.00
-4.273	202.524	-150.00	-4.000	202.934	-2.00	927+0.000	203.014	202.637	0.377	4.000	202.934	-2.00	4.091	202.797	-150.00
-4.340	202.828	-150.00	-4.000	203.337	-2.00	928+0.000	203.417	203.045	0.372	4.000	203.337	-2.00	4.049	203.263	-150.00
-4.292	203.094	-150.00	-4.000	203.532	-2.00	929+0.000	203.612	203.327	0.285	4.000	203.532	-2.00	4.028	203.550	66.67
-4.260	203.336	-150.00	-4.000	203.726	-2.00	930+0.000	203.806	203.576	0.231	4.000	203.726	-2.00	4.121	203.807	66.67
-4.260	203.531	-150.00	-4.000	203.921	-2.00	931+0.000	204.001	203.763	0.238	4.000	203.921	-2.00	4.099	203.987	66.67
-4.220	203.785	-150.00	-4.000	204.115	-2.00	932+0.000	204.195	204.007	0.188	4.000	204.115	-2.00	4.167	204.227	66.67
-4.235	203.957	-150.00	-4.000	204.310	-2.00	933+0.000	204.390	204.176	0.214	4.000	204.310	-2.00	4.119	204.389	66.67
-4.273	204.096	-150.00	-4.000	204.505	-2.00	934+0.000	204.585	204.319	0.265	4.000	204.505	-2.00	4.110	204.578	66.67
-4.316	204.226	-150.00	-4.000	204.699	-2.00	935+0.000	204.779	204.464	0.315	4.000	204.699	-2.00	4.023	204.715	66.67
-4.362	204.351	-150.00	-4.000	204.894	-2.00	936+0.000	204.974	204.606	0.368	4.000	204.894	-2.00	4.032	204.846	-150.00
-4.403	204.483	-150.00	-4.000	205.088	-2.00	937+0.000	205.168	204.764	0.404	4.000	205.088	-2.00	4.025	205.050	-150.00
-4.444	204.615	-150.00	-4.000	205.282	-2.00	938+0.000	205.362	204.937	0.425	4.000	205.282	-2.00	4.036	205.228	-150.00
-4.439	204.553	-150.00	-4.000	205.212	-2.00	939+0.000	205.292	204.917	0.374	4.000	205.212	-2.00	4.058	205.250	66.67
-4.481	204.121	-150.00	-4.000	204.844	-2.00	940+0.000	204.924	204.515	0.408	4.000	204.844	-2.00	4.200	204.977	66.67
-4.481	204.044	-150.00	-4.000	204.765	-2.00	941+0.000	204.845	204.539	0.306	4.000	204.765	-2.00	4.387	205.023	66.67
-4.384	204.111	-150.00	-4.000	204.686	-2.00	942+0.000	204.766	204.522	0.244	4.000	204.686	-2.00	4.368	204.932	66.67
-4.296	204.162	-150.00	-4.000	204.607	-2.00	943+0.000	204.687	204.495	0.192	4.000	204.607	-2.00	4.334	204.830	66.67
-4.463	203.825	-150.00	-4.000	204.520	-2.00	944+0.000	204.600	204.177	0.423	4.000	204.520	-2.00	4.010	204.505	-150.00
-4.404	203.808	-150.00	-4.000	204.414	-2.00	945+0.000	204.494	204.085	0.409	4.000	204.414	-2.00	4.050	204.338	-150.00
-4.425	203.706	-150.00	-4.000	204.343	-2.00	946+0.000	204.423	203.997	0.426	4.000	204.343	-2.00	4.023	204.358	66.67
-4.431	203.633	-150.00	-4.000	204.279	-2.00	947+0.000	204.359	204.008	0.351	4.000	204.279	-2.00	4.115	204.356	66.67
-4.468	203.514	-150.00	-4.000	204.216	-2.00	948+0.000	204.296	203.880	0.415	4.000	204.216	-2.00			
-4.436	203.483	-150.00	-4.000	204.138	-2.00	949+0.000	204.218	203.822	0.396	4.000	204.138	-2.00	4.021	204.107	-150.00
-4.367	203.313	-150.00	-4.000	203.863	-2.00	950+0.000	203.943	203.597	0.347	4.000	203.863	-2.00			
-4.261	203.197	-150.00	-4.000	203.589	-2.00	951+0.000	203.669	203.403	0.265	4.000	203.589	-2.00	4.014	203.598	66.67
-4.227	202.973	-150.00	-4.000	203.314	-2.00	952+0.000	203.394	203.160	0.234	4.000	203.314	-2.00	4.036	203.338	66.67
-4.254	202.658	-150.00	-4.000	203.039	-2.00	953+0.000	203.119	202.841	0.278	4.000	203.039	-2.00	4.017	203.014	-150.00
-4.313	202.295	-150.00	-4.000	202.765	-2.00	954+0.000	202.845	202.481	0.364	4.000	202.765	-2.00	4.073	202.655	-150.00
-4.319	202.111	-150.00	-4.000	202.590	-2.00	955+0.000	202.670	202.275	0.394	4.000	202.590	-2.00	4.109	202.427	-150.00
-4.322	201.981	-150.00	-4.000	202.464	-2.00	956+0.000	202.544	202.146	0.399	4.000	202.464	-2.00	4.110	202.299	-150.00
-4.311	201.753	-150.00	-4.000	202.219	-2.00	957+0.000	202.299	201.913	0.386	4.000	202.219	-2.00	4.102	202.066	-150.00
-4.221	201.576	-150.00	-4.000	201.907	-2.00	958+0.000	201.987	201.725	0.262	4.000	201.907	-2.00	4.027	201.867	-150.00
-4.101	201.429	-150.00	-4.000	201.580	-2.00	959+0.000	201.660	201.582	0.078	4.000	201.580	-2.00	4.235	201.737	66.67
-4.283	200.829	-150.00	-4.000	201.254	-2.00	960+0.000	201.334	200.989	0.345	4.000	201.254	-2.00	4.042	201.191	-150.00
-4.329	200.433	-150.00	-4.000	200.927	-2.00	961+0.000	201.007	200.677	0.330	4.000	200.927	-2.00	4.015	200.904	-150.00
-4.404	200.110	-150.00	-4.000	200.715	-2.00	962+0.000	200.795	200.392	0.404	4.000	200.715	-2.00	4.042	200.652	-150.00
-4.389	200.586	-150.00	-4.000	201.170	-2.00	963+0.000	201.250	200.810	0.440	4.000	201.170	-2.00	4.100	201.019	-150.00
-4.291	201.227	-150.00	-4.000	201.664	-2.00	964+0.000	201.744	201.444	0.300	4.000	201.664	-2.00	4.011	201.647	-150.00

Osvaldo Leôncio da Silva
Diretor da Unidade de Progr s
Projetos e Obras - DUP
Secretaria das Cidades (Sc id)

-4.252	201.779	-150.00	-4.000	202.158	-2.00	965+0.000	202.238	202.081	0.157	4.000	202.158	-2.00	4.350	202.391	66.67
-4.369	202.098	-150.00	-4.000	202.652	-2.00	966+0.000	202.732	202.400	0.331	4.000	202.652	-2.00	4.035	202.675	66.67
-4.336	202.641	-150.00	-4.000	203.145	-2.00	967+0.000	203.225	202.866	0.360	4.000	203.145	-2.00	4.047	203.074	-150.00
-4.334	203.138	-150.00	-4.000	203.639	-2.00	968+0.000	203.719	203.318	0.401	4.000	203.639	-2.00	4.102	203.487	-150.00
-4.370	203.086	-150.00	-4.000	203.642	-2.00	969+0.000	203.722	203.315	0.406	4.000	203.642	-2.00	4.134	203.440	-150.00
-4.387	202.524	-150.00	-4.000	203.104	-2.00	970+0.000	203.184	202.691	0.493	4.000	203.104	-2.00	4.161	202.863	-150.00
-4.360	202.163	-150.00	-4.000	202.702	-2.00	971+0.000	202.782	202.400	0.382	4.000	202.702	-2.00	4.054	202.621	-150.00
-4.372	202.033	-150.00	-4.000	202.590	-2.00	972+0.000	202.670	202.262	0.408	4.000	202.590	-2.00	4.076	202.476	-150.00
-4.536	201.959	-150.00	-4.000	202.763	-2.00	973+0.000	202.843	202.341	0.502	4.000	202.763	-2.00	4.119	202.585	-150.00
-4.424	202.300	-150.00	-4.000	202.936	-2.00	974+0.000	203.016	202.582	0.434	4.000	202.936	-2.00	4.088	202.804	-150.00
-4.443	202.446	-150.00	-4.000	203.111	-2.00	975+0.000	203.191	202.735	0.456	4.000	203.111	-2.00	4.078	202.993	-150.00
-4.423	202.653	-150.00	-4.000	203.287	-2.00	976+0.000	203.367	202.933	0.434	4.000	203.287	-2.00	4.065	203.190	-150.00
-4.423	202.879	-150.00	-4.000	203.514	-2.00	977+0.000	203.594	203.164	0.430	4.000	203.514	-2.00	4.058	203.427	-150.00
-4.377	203.338	-150.00	-4.000	203.904	-2.00	978+0.000	203.984	203.600	0.384	4.000	203.904	-2.00	4.041	203.842	-150.00
-4.396	203.582	-150.00	-4.000	204.177	-2.00	979+0.000	204.257	203.865	0.391	4.000	204.177	-2.00	4.034	204.125	-150.00
-4.376	203.982	-150.00	-4.000	204.547	-2.00	980+0.000	204.627	204.246	0.381	4.000	204.547	-2.00	4.038	204.490	-150.00
-4.352	204.503	-150.00	-4.000	205.030	-2.00	981+0.000	205.110	204.765	0.345	4.000	205.030	-2.00	4.022	204.997	-150.00
-4.315	205.041	-150.00	-4.000	205.514	-2.00	982+0.000	205.594	205.291	0.303	4.000	205.514	-2.00	4.018	205.526	66.67
-4.274	205.586	-150.00	-4.000	205.997	-2.00	983+0.000	206.077	205.834	0.243	4.000	205.997	-2.00	4.112	206.072	66.67
-4.199	206.182	-150.00	-4.000	206.480	-2.00	984+0.000	206.560	206.415	0.145	4.000	206.480	-2.00	4.200	206.613	66.67
-4.229	206.620	-150.00	-4.000	206.964	-2.00	985+0.000	207.044	206.788	0.255	4.000	206.964	-2.00	4.006	206.954	-150.00
-4.316	206.790	-150.00	-4.000	207.264	-2.00	986+0.000	207.344	206.945	0.400	4.000	207.264	-2.00	4.115	207.092	-150.00
-4.311	206.700	-150.00	-4.000	207.167	-2.00	987+0.000	207.247	206.851	0.395	4.000	207.167	-2.00	4.120	206.987	-150.00
-4.315	206.334	-150.00	-4.000	206.807	-2.00	988+0.000	206.887	206.497	0.389	4.000	206.807	-2.00	4.102	206.653	-150.00
-4.279	206.114	-150.00	-4.000	206.533	-2.00	989+0.000	206.613	206.247	0.367	4.000	206.533	-2.00	4.106	206.374	-150.00
-4.323	205.643	-150.00	-4.000	206.128	-2.00	990+0.000	206.208	205.819	0.388	4.000	206.128	-2.00	4.094	205.986	-150.00
-4.296	205.403	-150.00	-4.000	205.847	-2.00	991+0.000	205.927	205.564	0.363	4.000	205.847	-2.00	4.087	205.717	-150.00
-4.307	205.149	-150.00	-4.000	205.608	-2.00	992+0.000	205.688	205.302	0.387	4.000	205.608	-2.00	4.102	205.456	-150.00
-4.305	204.963	-150.00	-4.000	205.420	-2.00	993+0.000	205.500	205.124	0.376	4.000	205.420	-2.00	4.104	205.265	-150.00
-4.306	204.796	-150.00	-4.000	205.254	-2.00	994+0.000	205.334	204.944	0.390	4.000	205.254	-2.00	4.119	205.075	-150.00
-4.306	204.673	-150.00	-4.000	205.131	-2.00	995+0.000	205.211	204.826	0.385	4.000	205.131	-2.00	4.109	204.967	-150.00
-4.272	204.443	-150.00	-4.000	204.852	-2.00	996+0.000	204.932	204.571	0.361	4.000	204.852	-2.00	4.106	204.694	-150.00
-4.253	203.969	-150.00	-4.000	204.348	-2.00	997+0.000	204.428	204.058	0.370	4.000	204.348	-2.00	4.138	204.141	-150.00
-4.337	203.311	-150.00	-4.000	203.818	-2.00	998+0.000	203.898	203.384	0.513	4.000	203.818	-2.00	4.232	203.469	-150.00
-4.344	202.770	-150.00	-4.000	203.287	-2.00	999+0.000	203.367	202.845	0.522	4.000	203.287	-2.00	4.236	202.933	-150.00
-4.286	202.327	-150.00	-4.000	202.756	-2.00	1000+0.000	202.836	202.407	0.429	4.000	202.756	-2.00	4.181	202.485	-150.00
-4.269	202.016	-150.00	-4.000	202.419	-2.00	1001+0.000	202.499	202.080	0.419	4.000	202.419	-2.00	4.184	202.142	-150.00
-4.264	201.918	-150.00	-4.000	202.314	-2.00	1002+0.000	202.394	201.996	0.398	4.000	202.314	-2.00	4.159	202.075	-150.00
-4.285	201.910	-150.00	-4.000	202.337	-2.00	1003+0.000	202.417	202.022	0.396	4.000	202.337	-2.00	4.139	202.129	-150.00
-4.274	201.998	-150.00	-4.000	202.409	-2.00	1004+0.000	202.489	202.088	0.402	4.000	202.409	-2.00	4.143	202.194	-150.00
-4.263	202.052	-150.00	-4.000	202.446	-2.00	1005+0.000	202.526	202.129	0.397	4.000	202.446	-2.00	4.162	202.203	-150.00
-4.213	202.065	-150.00	-4.000	202.385	-2.00	1006+0.000	202.465	202.139	0.326	4.000	202.385	-2.00	4.120	202.205	-150.00
-4.233	201.875	-150.00	-4.000	202.224	-2.00	1007+0.000	202.304	201.937	0.367	4.000	202.224	-2.00	4.142	202.011	-150.00
-4.214	201.645	-150.00	-4.000	201.966	-2.00	1008+0.000	202.046	201.715	0.331	4.000	201.966	-2.00	4.122	201.783	-150.00
-4.254	201.300	-150.00	-4.000	201.680	-2.00	1009+0.000	201.760	201.375	0.386	4.000	201.680	-2.00	4.144	201.465	-150.00
-4.302	200.995	-150.00	-4.000	201.447	-2.00	1010+0.000	201.527	201.095	0.433	4.000	201.447	-2.00	4.169	201.194	-150.00
-4.446	200.679	-150.00	-4.000	201.349	-2.00	1011+0.000	201.429	200.832	0.597	4.000	201.349	-2.00	4.247	200.978	-150.00
-4.438	200.600	-150.00	-4.000	201.258	-2.00	1012+0.000	201.338	200.774	0.564	4.000	201.258	-2.00	4.216	200.934	-150.00
-4.394	200.575	-150.00	-4.000	201.167	-2.00	1013+0.000	201.247	200.759	0.488	4.000	201.167	-2.00	4.156	200.933	-150.00
-4.411	200.458	-150.00	-4.000	201.076	-2.00	1014+0.000	201.156	200.685	0.471	4.000	201.076	-2.00	4.119	200.897	-150.00
-4.385	200.407	-150.00	-4.000	200.985	-2.00	1015+0.000	201.065	200.666	0.399	4.000	200.985	-2.00	4.053	200.905	-150.00
-4.415	200.429	-150.00	-4.000	201.051	-2.00	1016+0.000	201.131	200.688	0.443	4.000	201.051	-2.00	4.083	200.927	-150.00
-4.408	200.680	-150.00	-4.000	201.291	-2.00	1017+0.000	201.371	200.947	0.424	4.000	201.291	-2.00	4.067	201.190	-150.00
-4.413	200.910	-150.00	-4.000	201.531	-2.00	1018+0.000	201.611	201.174	0.436	4.000	201.531	-2.00	4.075	201.418	-150.00
-4.396	201.125	-150.00	-4.000	201.718	-2.00	1019+0.000	201.798	201.397	0.401	4.000	201.718	-2.00	4.047	201.647	-150.00
-4.369	201.128	-150.00	-4.000	201.682	-2.00	1020+0.000	201.762	201.384	0.377	4.000	201.682	-2.00	4.040	201.621	-150.00
-4.410	200.794	-150.00	-4.000	201.408	-2.00	1021+0.000	201.488	201.061	0.427	4.000	201.408	-2.00	4.067	201.308	-150.00
-4.331	200.555	-150.00	-4.000	201.051	-2.00	1022+0.000	201.131	200.770	0.361	4.000	201.051	-2.00	4.060	200.961	-150.00
-4.337	200.260	-150.00	-4.000	200.766	-2.00	1023+0.000	200.846	200.463	0.383	4.000	200.766	-2.00	4.076	200.652	-150.00
-4.331	200.140	-150.00	-4.000	200.636	-2.00	1024+0.000	200.716	200.334	0.382	4.000	200.636	-2.00	4.114	200.464	-150.00
-4.352	200.199	-150.00	-4.000	200.727	-2.00	1025+0.000	200.807	200.359	0.448	4.000	200.727	-2.00	4.162	200.484	-150.00
-4.342	200.641	-150.00	-4.000	201.153	-2.00	1026+0.000	201.233	200.795	0.438	4.000	201.153	-2.00	4.146	200.934	-150.00
-4.325	201.092	-150.00	-4.000	201.580	-2.00	1027+0.000	201.660	201.226	0.433	4.000	201.580	-2.00	4.152	201.351	-150.00
-4.300	201.527	-150.00	-4.000	201.977	-2.00	1028+0.000	202.057	201.649	0.408	4.000	201.977	-2.00	4.134	201.775	-150.00
-4.293	201.781	-150.00	-4.000	202.220	-2.00	1029+0.000	202.300	201.900	0.400	4.000	202.220	-2.00	4.137	202.015	-150.00
-4.290	201.403	-150.00	-4.000	201.838	-2.00	1030+0.000	201.918	201.528	0.390	4.000	201.838	-2.00	4.137	201.633	-150.00
-4.299	200.626	-150.00	-4.000	201.075	-2.00	1031+0.000	201.155	200.731	0.424	4.000	201.075	-2.00	4.173	200.815	-150.00
-4.359	199.773	-150.00	-4.000	200.311	-2.00	1032+0.000	200.391	199.934	0.458	4.000	200.311	-2.00	4.150	200.087	-150.00
-4.300	199.101	-150.00	-4.000	199.551	-2.00	1033+0.000	199.631	199.231	0.400	4.000	199.551	-2.00	4.130	199.356	-150.00
-4.270	198.422	-150.00	-4.000	198.827	-2.00	1034+0.000	198.907	198.563	0.344	4.000	198.827	-2.00	4.079	198.708	-150.00
-4.194	198.483	-150.00	-4.000	198.774	-2.00	1035+0.000	198.854	198.475	0.379	4.000	198.774	-2.00	4.219	198.446	-150.00
-4.224	198.884	-150.00	-4.000	199.220	-2.00	1036+0.000	199.300	198.906	0.394	4.000	199.220	-2.00	4.229	198.877	-150.00
-4.149	199.599	-150.00	-4.000	199.822	-2.00	1037+0.000	199.902	199.512	0.391	4.000	199.822	-2.00	4.267	199.422	-150.00
-4.204	200.721	-150.00	-4.000	201.027	-2.00	1038+0.000	201.107	200.674	0.434	4.000	201.027	-2.00	4.268	200.626	-150.00
-4.301	202.004	-150.00	-4.000	202.456	-2.00	1039+0.000	202.536	202.055	0.481	4.000	202.456	-2.00	4.203	202.151	-150.00
-4.325	202.883	-150.00	-4.000	203.370	-2.00	1040+0.000	203.450	203.122	0.329	4.000	203.370	-2.00	4.018	203.344	-150.00
-4.431	203.123	-150.00	-4.000	203.770	-2.00	1041+0.000	203.850	203.365	0.484	4.000	203.770	-2.00	4.116	203.595	-150.00
-4.305	203.226	-150.00	-4.000	203.683	-2.00	1042+0.000	203.763	203.433	0.330	4.000	203.683	-2.00	4.042	203.621	-150.00
-4.337	202.974	-150.00	-4.000	203.479	-2.00	1043+0.000	203.559	203.166	0.392	4.000	203.479	-2.00	4.087	203.348	-150.00
-4.328	202.649	-150.00	-4.000	203.141	-2.00	1044+0.000	203.221	202.835	0.386	4.000	203.141	-2.00	4.087	203.011	-150.00
-4.351	202.292	-150.00	-4.000	202.817	-2.00	1045+0.000	202.897	202.484	0.413	4.000	202.817	-2.00	4.076	202.703	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Projetos
Projetos e Obras - DUPO
Secretaria das Cidades - SECID

-4.335	202.552	-150.00	-4.000	203.054	-2.00	1046+0.000	203.134	202.719	0.415	4.000	203.054	-2.00	4.109	202.890	-150.00
-4.345	202.878	-150.00	-4.000	203.397	-2.00	1047+0.000	203.477	203.052	0.425	4.000	203.397	-2.00	4.120	203.216	-150.00
-4.324	203.290	-150.00	-4.000	203.776	-2.00	1048+0.000	203.856	203.456	0.400	4.000	203.776	-2.00	4.108	203.614	-150.00
-4.305	203.806	-150.00	-4.000	204.263	-2.00	1049+0.000	204.343	204.017	0.326	4.000	204.263	-2.00	4.032	204.216	-150.00
-4.362	204.208	-150.00	-4.000	204.751	-2.00	1050+0.000	204.831	204.430	0.401	4.000	204.751	-2.00	4.078	204.634	-150.00
-4.371	204.692	-150.00	-4.000	205.248	-2.00	1051+0.000	205.328	204.924	0.404	4.000	205.248	-2.00	4.078	205.131	-150.00
-4.298	205.318	-150.00	-4.000	205.766	-2.00	1052+0.000	205.846	205.505	0.341	4.000	205.766	-2.00	4.057	205.681	-150.00
-4.257	205.903	-150.00	-4.000	206.288	-2.00	1053+0.000	206.368	206.088	0.281	4.000	206.288	-2.00	4.018	206.261	-150.00
-4.263	206.416	-150.00	-4.000	206.811	-2.00	1054+0.000	206.891	206.539	0.352	4.000	206.811	-2.00	4.102	206.658	-150.00
-4.267	206.481	-150.00	-4.000	206.883	-2.00	1055+0.000	206.963	206.583	0.380	4.000	206.883	-2.00	4.134	206.681	-150.00
-4.146	206.271	-150.00	-4.000	206.489	-2.00	1056+0.000	206.569	206.461	0.108	4.000	206.489	-2.00	4.252	206.657	66.67
-4.254	205.714	-150.00	-4.000	206.096	-2.00	1057+0.000	206.176	205.890	0.286	4.000	206.096	-2.00	4.010	206.080	-150.00
-4.343	205.188	-150.00	-4.000	205.702	-2.00	1058+0.000	205.782	205.446	0.336	4.000	205.702	-2.00	4.011	205.685	-150.00
-4.391	204.748	-150.00	-4.000	205.334	-2.00	1059+0.000	205.414	205.023	0.391	4.000	205.334	-2.00	4.018	205.308	-150.00
-4.436	204.737	-150.00	-4.000	205.391	-2.00	1060+0.000	205.471	205.063	0.408	4.000	205.391	-2.00	4.027	205.351	-150.00
-4.463	204.815	-150.00	-4.000	205.509	-2.00	1061+0.000	205.589	205.162	0.427	4.000	205.509	-2.00	4.043	205.445	-150.00
-4.458	204.941	-150.00	-4.000	205.628	-2.00	1062+0.000	205.708	205.317	0.391	4.000	205.628	-2.00	4.010	205.613	-150.00
-4.488	205.015	-150.00	-4.000	205.746	-2.00	1063+0.000	205.826	205.407	0.419	4.000	205.746	-2.00	4.007	205.751	66.67
-4.450	205.118	-150.00	-4.000	205.792	-2.00	1064+0.000	205.872	205.475	0.397	4.000	205.792	-2.00	4.008	205.798	66.67
-4.415	204.839	-150.00	-4.000	205.462	-2.00	1065+0.000	205.542	205.156	0.386	4.000	205.462	-2.00	4.019	205.474	66.67
-4.342	204.614	-150.00	-4.000	205.127	-2.00	1066+0.000	205.207	204.919	0.288	4.000	205.127	-2.00	4.124	205.210	66.67
-4.277	204.377	-150.00	-4.000	204.792	-2.00	1067+0.000	204.872	204.646	0.227	4.000	204.792	-2.00	4.174	204.908	66.67
-4.379	203.890	-150.00	-4.000	204.458	-2.00	1068+0.000	204.538	204.116	0.422	4.000	204.458	-2.00	4.087	204.327	-150.00
-4.392	203.535	-150.00	-4.000	204.123	-2.00	1069+0.000	204.203	203.776	0.427	4.000	204.123	-2.00	4.082	204.000	-150.00
-4.346	203.265	-150.00	-4.000	203.784	-2.00	1070+0.000	203.864	203.477	0.386	4.000	203.784	-2.00	4.074	203.672	-150.00
-4.323	202.789	-150.00	-4.000	203.273	-2.00	1071+0.000	203.353	203.005	0.347	4.000	203.273	-2.00	4.043	203.208	-150.00
-4.221	202.402	-150.00	-4.000	202.733	-2.00	1072+0.000	202.813	202.572	0.241	4.000	202.733	-2.00			
-4.203	201.889	-150.00	-4.000	202.194	-2.00	1073+0.000	202.274	202.047	0.227	4.000	202.194	-2.00			
-4.230	201.309	-150.00	-4.000	201.654	-2.00	1074+0.000	201.734	201.443	0.291	4.000	201.654	-2.00	4.055	201.572	-150.00
-4.280	200.694	-150.00	-4.000	201.114	-2.00	1075+0.000	201.194	200.853	0.342	4.000	201.114	-2.00	4.074	201.004	-150.00
-4.267	200.174	-150.00	-4.000	200.575	-2.00	1076+0.000	200.655	200.267	0.388	4.000	200.575	-2.00	4.104	200.419	-150.00
-4.245	199.740	-150.00	-4.000	200.108	-2.00	1077+0.000	200.188	199.810	0.378	4.000	200.108	-2.00	4.139	199.899	-150.00
-4.278	199.232	-150.00	-4.000	199.649	-2.00	1078+0.000	199.729	199.294	0.435	4.000	199.649	-2.00	4.196	199.354	-150.00
-4.200	198.938	-150.00	-4.000	199.238	-2.00	1079+0.000	199.318	198.935	0.383	4.000	199.238	-2.00	4.190	198.953	-150.00
-4.195	198.780	-150.00	-4.000	199.072	-2.00	1080+0.000	199.152	198.757	0.395	4.000	199.072	-2.00	4.225	198.734	-150.00
-4.187	198.793	-150.00	-4.000	199.074	-2.00	1081+0.000	199.154	198.770	0.384	4.000	199.074	-2.00	4.218	198.747	-150.00
-4.192	199.138	-150.00	-4.000	199.425	-2.00	1082+0.000	199.505	199.094	0.412	4.000	199.425	-2.00	4.255	199.043	-150.00
-4.223	199.626	-150.00	-4.000	199.961	-2.00	1083+0.000	200.041	199.634	0.407	4.000	199.961	-2.00	4.210	199.646	-150.00
-4.253	200.474	-150.00	-4.000	200.854	-2.00	1084+0.000	200.934	200.483	0.451	4.000	200.854	-2.00	4.233	200.504	-150.00
-4.311	201.281	-150.00	-4.000	201.747	-2.00	1085+0.000	201.827	201.360	0.467	4.000	201.747	-2.00	4.227	201.407	-150.00
-4.304	202.175	-150.00	-4.000	202.630	-2.00	1086+0.000	202.710	202.286	0.424	4.000	202.630	-2.00	4.146	202.411	-150.00
-4.326	202.986	-150.00	-4.000	203.475	-2.00	1087+0.000	203.555	203.121	0.434	4.000	203.475	-2.00	4.146	203.256	-150.00
-4.367	203.747	-150.00	-4.000	204.297	-2.00	1088+0.000	204.377	203.877	0.500	4.000	204.297	-2.00	4.197	204.002	-150.00
-4.348	204.504	-150.00	-4.000	205.026	-2.00	1089+0.000	205.106	204.658	0.448	4.000	205.026	-2.00	4.148	204.805	-150.00
-4.363	205.014	-150.00	-4.000	205.558	-2.00	1090+0.000	205.638	205.231	0.407	4.000	205.558	-2.00	4.083	205.434	-150.00
-4.387	205.380	-150.00	-4.000	205.961	-2.00	1091+0.000	206.041	205.618	0.422	4.000	205.961	-2.00	4.084	205.834	-150.00
-4.426	205.724	-150.00	-4.000	206.363	-2.00	1092+0.000	206.443	205.959	0.484	4.000	206.363	-2.00	4.123	206.178	-150.00
-4.442	206.102	-150.00	-4.000	206.765	-2.00	1093+0.000	206.845	206.345	0.500	4.000	206.765	-2.00	4.140	206.556	-150.00
-4.455	206.485	-150.00	-4.000	207.168	-2.00	1094+0.000	207.248	206.746	0.501	4.000	207.168	-2.00	4.119	206.988	-150.00
-4.393	206.981	-150.00	-4.000	207.570	-2.00	1095+0.000	207.650	207.216	0.434	4.000	207.570	-2.00	4.090	207.434	-150.00
-4.406	207.363	-150.00	-4.000	207.972	-2.00	1096+0.000	208.052	207.602	0.450	4.000	207.972	-2.00	4.097	207.827	-150.00
-4.394	207.784	-150.00	-4.000	208.375	-2.00	1097+0.000	208.455	208.025	0.429	4.000	208.375	-2.00	4.117	208.200	-150.00
-4.323	207.860	-150.00	-4.000	208.344	-2.00	1098+0.000	208.424	208.009	0.415	4.000	208.344	-2.00	4.133	208.144	-150.00
-4.340	207.702	-150.00	-4.000	208.212	-2.00	1099+0.000	208.292	207.834	0.457	4.000	208.212	-2.00	4.158	207.976	-150.00
-4.379	207.511	-150.00	-4.000	208.080	-2.00	1100+0.000	208.160	207.635	0.525	4.000	208.080	-2.00	4.217	207.754	-150.00
-4.334	207.446	-150.00	-4.000	207.948	-2.00	1101+0.000	208.028	207.561	0.467	4.000	207.948	-2.00	4.184	207.672	-150.00
-4.276	207.501	-150.00	-4.000	207.915	-2.00	1102+0.000	207.995	207.596	0.399	4.000	207.915	-2.00	4.151	207.688	-150.00
-4.264	207.909	-150.00	-4.000	208.304	-2.00	1103+0.000	208.384	207.993	0.391	4.000	208.304	-2.00	4.153	208.076	-150.00
-4.252	208.463	-150.00	-4.000	208.841	-2.00	1104+0.000	208.921	208.528	0.393	4.000	208.841	-2.00	4.157	208.606	-150.00
-4.274	209.094	-150.00	-4.000	209.505	-2.00	1105+0.000	209.585	209.176	0.409	4.000	209.505	-2.00	4.139	209.296	-150.00
-4.317	209.818	-150.00	-4.000	210.293	-2.00	1106+0.000	210.373	209.949	0.423	4.000	210.293	-2.00	4.146	210.074	-150.00
-4.395	210.501	-150.00	-4.000	211.093	-2.00	1107+0.000	211.173	210.710	0.464	4.000	211.093	-2.00	4.124	210.907	-150.00
-4.371	211.337	-150.00	-4.000	211.893	-2.00	1108+0.000	211.973	211.556	0.417	4.000	211.893	-2.00	4.089	211.760	-150.00
-4.322	211.992	-150.00	-4.000	212.475	-2.00	1109+0.000	212.555	212.194	0.361	4.000	212.475	-2.00	4.061	212.384	-150.00
-4.290	212.525	-150.00	-4.000	212.960	-2.00	1110+0.000	213.040	212.711	0.328	4.000	212.960	-2.00	4.048	212.887	-150.00
-4.201	213.008	-150.00	-4.000	213.309	-2.00	1111+0.000	213.389	213.156	0.234	4.000	213.309	-2.00	4.008	213.297	-150.00
-4.231	213.227	-150.00	-4.000	213.573	-2.00	1112+0.000	213.653	213.330	0.324	4.000	213.573	-2.00	4.096	213.429	-150.00
-4.283	213.318	-150.00	-4.000	213.742	-2.00	1113+0.000	213.822	213.410	0.412	4.000	213.742	-2.00	4.162	213.500	-150.00
-4.360	213.157	-150.00	-4.000	213.697	-2.00	1114+0.000	213.777	213.245	0.533	4.000	213.697	-2.00	4.240	213.337	-150.00
-4.360	213.111	-150.00	-4.000	213.652	-2.00	1115+0.000	213.732	213.107	0.625	4.000	213.652	-2.00	4.325	213.164	-150.00
-4.401	213.006	-150.00	-4.000	213.607	-2.00	1116+0.000	213.687	213.012	0.674	4.000	213.607	-2.00	4.392	213.019	-150.00
-4.263	213.167	-150.00	-4.000	213.561	-2.00	1117+0.000	213.641	213.206	0.436	4.000	213.561	-2.00	4.233	213.212	-150.00
-4.289	213.082	-150.00	-4.000	213.516	-2.00	1118+0.000	213.596	213.157	0.439	4.000	213.516	-2.00	4.190	213.231	-150.00
-4.247	213.100	-150.00	-4.000	213.471	-2.00	1119+0.000	213.551	213.186	0.364	4.000	213.471	-2.00	4.133	213.271	-150.00
-4.276	213.012	-150.00	-4.000	213.426	-2.00	1120+0.000	213.506	213.165	0.341	4.000	213.426	-2.00	4.077	213.310	-150.00
-4.433	212.730	-150.00	-4.000	213.380	-2.00	1121+0.000	213.460	212.881	0.579	4.000	213.380	-2.00	4.230	213.035	-150.00
-4.359	212.796	-150.00	-4.000	213.335	-2.00	1122+0.000	213.415	212.905	0.510	4.000	213.335	-2.00	4.217	213.010	-150.00
-4.305	212.832	-150.00	-4.000	213.290	-2.00	1123+0.000	213.370	212.938	0.432	4.000	213.290	-2.00	4.166	213.041	-150.00
-4.265	212.904	-150.00	-4.000	213.301	-2.00	1124+0.000	213.381	212.985	0.396	4.000	213.301	-2.00	4.159	213.063	-150.00
-4.271	213.030	-150.00	-4.000	213.436	-2.00	1125+0.000	213.516	213.117	0.399	4.000	213.436	-2.00	4.170	213.181	-150.00
-4.318	212.832	-150.00	-4.000	213.308	-2.00	1126+0.000	213.388	212.873	0.516	4.000	213.308	-2.00	4.211	212.993	-150.00

Osvaldo Leôncio da Si...
Diretor da Unidade de Pro...
Projetos e Obras - DU...
Secretaria ...

-4.380	212.530	-150.00	-4.000	213.100	-2.00	1127+0.000	213.180	212.584	0.596	4.000	213.100	-2.00	4.301	212.649	-150.00
-4.273	212.470	-150.00	-4.000	212.879	-2.00	1128+0.000	212.959	212.562	0.396	4.000	212.879	-2.00	4.151	212.652	-150.00
-4.254	212.047	-150.00	-4.000	212.428	-2.00	1129+0.000	212.508	212.121	0.388	4.000	212.428	-2.00	4.157	212.192	-150.00
-4.217	211.608	-150.00	-4.000	211.933	-2.00	1130+0.000	212.013	211.628	0.385	4.000	211.933	-2.00	4.190	211.649	-150.00
-4.267	211.222	-150.00	-4.000	211.623	-2.00	1131+0.000	211.703	211.306	0.396	4.000	211.623	-2.00	4.137	211.417	-150.00
-4.306	210.834	-150.00	-4.000	211.293	-2.00	1132+0.000	211.373	210.982	0.391	4.000	211.293	-2.00	4.113	211.123	-150.00
-4.208	210.430	-150.00	-4.000	210.742	-2.00	1133+0.000	210.822	210.594	0.228	4.000	210.742	-2.00	4.012	210.750	66.67
-4.231	209.845	-150.00	-4.000	210.191	-2.00	1134+0.000	210.271	210.042	0.229	4.000	210.191	-2.00	4.059	210.231	66.67
-4.263	209.246	-150.00	-4.000	209.641	-2.00	1135+0.000	209.721	209.444	0.276	4.000	209.641	-2.00			
-4.304	208.634	-150.00	-4.000	209.090	-2.00	1136+0.000	209.170	208.844	0.326	4.000	209.090	-2.00	4.033	209.040	-150.00
-4.154	208.308	-150.00	-4.000	208.539	-2.00	1137+0.000	208.619	208.466	0.154	4.000	208.539	-2.00	4.104	208.609	66.67
-4.173	207.729	-150.00	-4.000	207.988	-2.00	1138+0.000	208.068	207.820	0.248	4.000	207.988	-2.00	4.053	207.909	-150.00
-4.198	207.141	-150.00	-4.000	207.438	-2.00	1139+0.000	207.518	207.144	0.374	4.000	207.438	-2.00	4.177	207.172	-150.00
-4.177	206.668	-150.00	-4.000	206.934	-2.00	1140+0.000	207.014	206.647	0.366	4.000	206.934	-2.00	4.206	206.625	-150.00
-4.161	206.198	-150.00	-4.000	206.438	-2.00	1141+0.000	206.518	206.132	0.386	4.000	206.438	-2.00	4.224	206.103	-150.00
-4.092	205.912	-150.00	-4.000	206.051	-2.00	1142+0.000	206.131	205.812	0.319	4.000	206.051	-2.00	4.243	205.687	-150.00
-4.120	205.407	-150.00	-4.000	205.587	-2.00	1143+0.000	205.667	205.301	0.366	4.000	205.587	-2.00	4.264	205.191	-150.00
-4.131	204.615	-150.00	-4.000	204.812	-2.00	1144+0.000	204.892	204.533	0.359	4.000	204.812	-2.00	4.273	204.402	-150.00
-4.102	203.606	-150.00	-4.000	203.758	-2.00	1145+0.000	203.838	203.461	0.377	4.000	203.758	-2.00	4.299	203.310	-150.00
-4.075	202.601	-150.00	-4.000	202.713	-2.00	1146+0.000	202.793	202.390	0.403	4.000	202.713	-2.00	4.334	202.211	-150.00
-4.065	201.630	-150.00	-4.000	201.728	-2.00	1147+0.000	201.808	201.413	0.396	4.000	201.728	-2.00	4.355	201.195	-150.00
-4.064	200.687	-150.00	-4.000	200.783	-2.00	1148+0.000	200.863	200.475	0.388	4.000	200.783	-2.00	4.357	200.247	-150.00
-4.097	199.692	-150.00	-4.000	199.838	-2.00	1149+0.000	199.918	199.465	0.453	4.000	199.838	-2.00	4.420	199.208	-150.00
-4.105	198.736	-150.00	-4.000	198.894	-2.00	1150+0.000	198.974	198.497	0.477	4.000	198.894	-2.00	4.437	198.238	-150.00
-4.106	197.790	-150.00	-4.000	197.949	-2.00	1151+0.000	198.029	197.593	0.436	4.000	197.949	-2.00	4.360	197.408	-150.00
-4.072	197.021	-150.00	-4.000	197.129	-2.00	1152+0.000	197.209	196.837	0.372	4.000	197.129	-2.00	4.325	196.641	-150.00
-4.127	196.420	-150.00	-4.000	196.611	-2.00	1153+0.000	196.691	196.295	0.396	4.000	196.611	-2.00	4.298	196.164	-150.00
-4.190	195.833	-150.00	-4.000	196.119	-2.00	1154+0.000	196.199	195.807	0.392	4.000	196.119	-2.00	4.293	195.680	-150.00
-4.267	194.945	-150.00	-4.000	195.346	-2.00	1155+0.000	195.426	195.002	0.424	4.000	195.346	-2.00	4.190	195.061	-150.00
-4.317	194.053	-150.00	-4.000	194.528	-2.00	1156+0.000	194.608	194.223	0.385	4.000	194.528	-2.00	4.096	194.385	-150.00
-4.298	193.501	-150.00	-4.000	193.948	-2.00	1157+0.000	194.028	193.698	0.330	4.000	193.948	-2.00	4.045	193.881	-150.00
-4.342	192.916	-150.00	-4.000	193.429	-2.00	1158+0.000	193.509	193.140	0.369	4.000	193.429	-2.00	4.053	193.349	-150.00
-4.392	192.832	-150.00	-4.000	193.420	-2.00	1159+0.000	193.500	193.102	0.398	4.000	193.420	-2.00	4.050	193.345	-150.00
-4.392	193.142	-150.00	-4.000	193.730	-2.00	1160+0.000	193.810	193.408	0.402	4.000	193.730	-2.00	4.065	193.633	-150.00
-4.386	193.844	-150.00	-4.000	194.423	-2.00	1161+0.000	194.503	194.093	0.409	4.000	194.423	-2.00	4.081	194.302	-150.00
-4.392	194.693	-150.00	-4.000	195.281	-2.00	1162+0.000	195.361	194.925	0.436	4.000	195.281	-2.00	4.100	195.130	-150.00
-4.374	195.660	-150.00	-4.000	196.220	-2.00	1163+0.000	196.300	195.822	0.478	4.000	196.220	-2.00	4.162	195.977	-150.00
-4.301	196.675	-150.00	-4.000	197.126	-2.00	1164+0.000	197.206	196.781	0.425	4.000	197.126	-2.00	4.167	196.876	-150.00
-4.293	197.417	-150.00	-4.000	197.856	-2.00	1165+0.000	197.936	197.503	0.433	4.000	197.856	-2.00	4.180	197.587	-150.00
-4.260	198.194	-150.00	-4.000	198.585	-2.00	1166+0.000	198.665	198.252	0.412	4.000	198.585	-2.00	4.188	198.303	-150.00
-4.193	198.784	-150.00	-4.000	199.074	-2.00	1167+0.000	199.154	198.835	0.319	4.000	199.074	-2.00	4.153	198.845	-150.00
-4.095	199.133	-150.00	-4.000	199.275	-2.00	1168+0.000	199.355	199.180	0.176	4.000	199.275	-2.00	4.033	199.226	-150.00
-4.174	199.206	-150.00	-4.000	199.467	-2.00	1169+0.000	199.547	199.265	0.282	4.000	199.467	-2.00	4.096	199.322	-150.00
-4.236	199.304	-150.00	-4.000	199.658	-2.00	1170+0.000	199.738	199.383	0.355	4.000	199.658	-2.00	4.132	199.460	-150.00
-4.265	199.453	-150.00	-4.000	199.850	-2.00	1171+0.000	199.930	199.527	0.402	4.000	199.850	-2.00	4.173	199.590	-150.00
-4.349	199.663	-150.00	-4.000	200.187	-2.00	1172+0.000	200.267	199.766	0.500	4.000	200.187	-2.00	4.213	199.867	-150.00
-4.368	199.986	-150.00	-4.000	200.539	-2.00	1173+0.000	200.619	200.063	0.556	4.000	200.539	-2.00	4.267	200.137	-150.00
-4.278	200.479	-150.00	-4.000	200.897	-2.00	1174+0.000	200.977	200.570	0.407	4.000	200.897	-2.00	4.169	200.643	-150.00
-4.298	201.065	-150.00	-4.000	201.512	-2.00	1175+0.000	201.592	201.184	0.408	4.000	201.512	-2.00	4.139	201.303	-150.00
-4.302	201.787	-150.00	-4.000	202.240	-2.00	1176+0.000	202.320	201.911	0.409	4.000	202.240	-2.00	4.140	202.030	-150.00
-4.291	202.697	-150.00	-4.000	203.133	-2.00	1177+0.000	203.213	202.811	0.401	4.000	203.133	-2.00	4.148	202.910	-150.00
-4.309	203.586	-150.00	-4.000	204.050	-2.00	1178+0.000	204.130	203.716	0.414	4.000	204.050	-2.00	4.130	203.855	-150.00
-4.343	204.577	-150.00	-4.000	205.091	-2.00	1179+0.000	205.171	204.743	0.428	4.000	205.091	-2.00	4.126	204.902	-150.00
-4.357	205.489	-150.00	-4.000	206.025	-2.00	1180+0.000	206.105	205.688	0.416	4.000	206.025	-2.00	4.099	205.876	-150.00
-4.364	206.204	-150.00	-4.000	206.750	-2.00	1181+0.000	206.830	206.417	0.413	4.000	206.750	-2.00	4.089	206.616	-150.00
-4.375	206.563	-150.00	-4.000	207.125	-2.00	1182+0.000	207.205	206.803	0.402	4.000	207.125	-2.00	4.069	207.022	-150.00
-4.422	206.641	-150.00	-4.000	207.275	-2.00	1183+0.000	207.355	206.896	0.459	4.000	207.275	-2.00	4.095	207.132	-150.00
-4.379	206.617	-150.00	-4.000	207.185	-2.00	1184+0.000	207.265	206.839	0.426	4.000	207.185	-2.00	4.093	207.047	-150.00
-4.377	206.524	-150.00	-4.000	207.090	-2.00	1185+0.000	207.170	206.710	0.460	4.000	207.090	-2.00	4.117	206.915	-150.00
-4.324	206.509	-150.00	-4.000	206.996	-2.00	1186+0.000	207.076	206.685	0.391	4.000	206.996	-2.00	4.096	206.851	-150.00
-4.301	206.367	-150.00	-4.000	206.818	-2.00	1187+0.000	206.898	206.508	0.390	4.000	206.818	-2.00	4.117	206.643	-150.00
-4.307	206.316	-150.00	-4.000	206.776	-2.00	1188+0.000	206.856	206.458	0.398	4.000	206.776	-2.00	4.112	206.609	-150.00
-4.323	206.386	-150.00	-4.000	206.871	-2.00	1189+0.000	206.951	206.551	0.401	4.000	206.871	-2.00	4.110	206.707	-150.00
-4.318	206.249	-150.00	-4.000	206.725	-2.00	1190+0.000	206.805	206.409	0.396	4.000	206.725	-2.00	4.109	206.562	-150.00
-4.271	205.869	-150.00	-4.000	206.277	-2.00	1191+0.000	206.357	205.957	0.399	4.000	206.277	-2.00	4.122	206.093	-150.00
-4.216	205.432	-150.00	-4.000	205.756	-2.00	1192+0.000	205.836	205.519	0.317	4.000	205.756	-2.00	4.102	205.603	-150.00
-4.219	204.890	-150.00	-4.000	205.219	-2.00	1193+0.000	205.299	204.916	0.382	4.000	205.219	-2.00	4.184	204.942	-150.00
-4.201	203.990	-150.00	-4.000	204.291	-2.00	1194+0.000	204.371	204.046	0.325	4.000	204.291	-2.00	4.127	204.100	-150.00
-4.266	202.892	-150.00	-4.000	203.291	-2.00	1195+0.000	203.371	202.987	0.384	4.000	203.291	-2.00	4.141	203.080	-150.00
-4.253	201.955	-150.00	-4.000	202.335	-2.00	1196+0.000	202.415	202.030	0.384	4.000	202.335	-2.00	4.154	202.104	-150.00
-4.189	201.103	-150.00	-4.000	201.387	-2.00	1197+0.000	201.467	201.179	0.289	4.000	201.387	-2.00	4.090	201.252	-150.00
-4.199	200.332	-150.00	-4.000	200.630	-2.00	1198+0.000	200.710	200.325	0.385	4.000	200.630	-2.00	4.167	200.380	-150.00
-4.217	199.798	-150.00	-4.000	200.123	-2.00	1199+0.000	200.203	199.815	0.388	4.000	200.123	-2.00	4.194	199.833	-150.00
-4.224	199.353	-150.00	-4.000	199.690	-2.00	1200+0.000	199.770	199.380	0.390	4.000	199.690	-2.00	4.161	199.448	-150.00
-4.239	199.077	-150.00	-4.000	199.436	-2.00	1201+0.000	199.516	199.131	0.384	4.000	199.436	-2.00	4.117	199.259	-150.00
-4.258	198.934	-150.00	-4.000	199.321	-2.00	1202+0.000	199.401	198.980	0.420	4.000	199.321	-2.00	4.138	199.114	-150.00
-4.230	199.126	-150.00	-4.000	199.471	-2.00	1203+0.000	199.551	199.172	0.378	4.000	199.471	-2.00	4.072	199.362	-150.00
-4.314	199.383	-150.00	-4.000	199.853	-2.00	1204+0.000	199.933	199.511	0.422	4.000	199.853	-2.00	4.101	199.702	-150.00
-4.344	199.783	-150.00	-4.000	200.299	-2.00	1205+0.000	200.379	199.966	0.414	4.000	200.299	-2.00	4.081	200.178	-150.00
-4.345	200.475	-150.00	-4.000	200.993	-2.00	1206+0.000	201.073	200.670	0.403	4.000	200.993	-2.00	4.075	200.881	-150.00
-4.371	201.265	-150.00	-4.000	201.822	-2.00	1207+0.000	201.902	201.464	0.437	4.000	201.822	-2.00	4.105	201.665	-150.00

Osvaldo Leôncio da Silv
Diretor da Unidade de Proj
Projetos e Obras - DU
Secretaria das Cidades

-4.507	202.161	-150.00	-4.000	202.922	-2.00	1208+0.000	203.002	202.362	0.640	4.000	202.922	-2.00	4.251	202.546	-150.00
-4.362	203.481	-150.00	-4.000	204.023	-2.00	1209+0.000	204.103	203.647	0.457	4.000	204.023	-2.00	4.146	203.804	-150.00
-4.242	204.761	-150.00	-4.000	205.125	-2.00	1210+0.000	205.205	204.796	0.409	4.000	205.125	-2.00	4.152	204.897	-150.00
-4.114	206.055	-150.00	-4.000	206.226	-2.00	1211+0.000	206.306	206.133	0.173	4.000	206.226	-2.00	4.011	206.209	-150.00
-4.110	207.162	-150.00	-4.000	207.327	-2.00	1212+0.000	207.407	207.223	0.184	4.000	207.327	-2.00	4.030	207.282	-150.00
-4.138	208.221	-150.00	-4.000	208.428	-2.00	1213+0.000	208.508	208.266	0.242	4.000	208.428	-2.00	4.077	208.313	-150.00
-4.261	209.031	-150.00	-4.000	209.423	-2.00	1214+0.000	209.503	209.072	0.431	4.000	209.423	-2.00	4.204	209.118	-150.00
-4.266	209.535	-150.00	-4.000	209.934	-2.00	1215+0.000	210.014	209.590	0.423	4.000	209.934	-2.00	4.193	209.644	-150.00
-4.248	209.873	-150.00	-4.000	210.245	-2.00	1216+0.000	210.325	209.899	0.426	4.000	210.245	-2.00	4.214	209.924	-150.00
-4.161	209.655	-150.00	-4.000	209.897	-2.00	1217+0.000	209.977	209.760	0.216	4.000	209.897	-2.00	4.023	209.862	-150.00
-4.272	209.114	-150.00	-4.000	209.522	-2.00	1218+0.000	209.602	209.228	0.374	4.000	209.522	-2.00	4.092	209.384	-150.00
-4.355	208.590	-150.00	-4.000	209.122	-2.00	1219+0.000	209.202	208.819	0.384	4.000	209.122	-2.00	4.061	209.031	-150.00
-4.391	207.871	-150.00	-4.000	208.458	-2.00	1220+0.000	208.538	208.150	0.388	4.000	208.458	-2.00	4.034	208.407	-150.00
-4.440	207.386	-150.00	-4.000	208.045	-2.00	1221+0.000	208.125	207.703	0.423	4.000	208.045	-2.00	4.036	207.991	-150.00
-4.415	207.013	-150.00	-4.000	207.635	-2.00	1222+0.000	207.715	207.328	0.387	4.000	207.635	-2.00	4.011	207.618	-150.00
-4.445	206.910	-150.00	-4.000	207.577	-2.00	1223+0.000	207.657	207.230	0.426	4.000	207.577	-2.00	4.037	207.521	-150.00
-4.434	206.855	-150.00	-4.000	207.506	-2.00	1224+0.000	207.586	207.198	0.388	4.000	207.506	-2.00			
-4.349	206.690	-150.00	-4.000	207.214	-2.00	1225+0.000	207.294	206.914	0.380	4.000	207.214	-2.00	4.061	207.122	-150.00
-4.347	206.300	-150.00	-4.000	206.821	-2.00	1226+0.000	206.901	206.462	0.439	4.000	206.821	-2.00	4.137	206.615	-150.00
-4.332	205.929	-150.00	-4.000	206.428	-2.00	1227+0.000	206.508	206.075	0.433	4.000	206.428	-2.00	4.139	206.220	-150.00
-4.334	205.542	-150.00	-4.000	206.043	-2.00	1228+0.000	206.123	205.709	0.414	4.000	206.043	-2.00	4.138	205.836	-150.00
-4.340	205.244	-150.00	-4.000	205.753	-2.00	1229+0.000	205.833	205.406	0.427	4.000	205.753	-2.00	4.129	205.559	-150.00
-4.335	204.974	-150.00	-4.000	205.477	-2.00	1230+0.000	205.557	205.132	0.424	4.000	205.477	-2.00	4.130	205.282	-150.00
-4.345	204.682	-150.00	-4.000	205.200	-2.00	1231+0.000	205.280	204.856	0.424	4.000	205.200	-2.00	4.119	205.021	-150.00
-4.323	204.439	-150.00	-4.000	204.924	-2.00	1232+0.000	205.004	204.613	0.391	4.000	204.924	-2.00	4.098	204.777	-150.00
-4.366	204.256	-150.00	-4.000	204.805	-2.00	1233+0.000	204.885	204.487	0.398	4.000	204.805	-2.00	4.068	204.703	-150.00
-4.374	204.113	-150.00	-4.000	204.675	-2.00	1234+0.000	204.755	204.359	0.396	4.000	204.675	-2.00	4.058	204.587	-150.00
-4.372	203.905	-150.00	-4.000	204.464	-2.00	1235+0.000	204.544	204.181	0.362	4.000	204.464	-2.00	4.025	204.426	-150.00
-4.329	203.758	-150.00	-4.000	204.253	-2.00	1236+0.000	204.333	203.946	0.387	4.000	204.253	-2.00	4.035	204.201	-150.00
-4.327	203.610	-150.00	-4.000	204.101	-2.00	1237+0.000	204.181	203.807	0.374	4.000	204.101	-2.00	4.057	204.016	-150.00
-4.314	203.507	-150.00	-4.000	203.978	-2.00	1238+0.000	204.058	203.703	0.355	4.000	203.978	-2.00	4.060	203.888	-150.00
-4.338	203.484	-150.00	-4.000	203.991	-2.00	1239+0.000	204.071	203.684	0.387	4.000	203.991	-2.00	4.079	203.872	-150.00
-4.351	203.654	-150.00	-4.000	204.180	-2.00	1240+0.000	204.260	203.853	0.407	4.000	204.180	-2.00	4.093	204.041	-150.00
-4.358	203.911	-150.00	-4.000	204.448	-2.00	1241+0.000	204.528	204.107	0.421	4.000	204.448	-2.00	4.106	204.289	-150.00
-4.359	204.177	-150.00	-4.000	204.716	-2.00	1242+0.000	204.796	204.351	0.445	4.000	204.716	-2.00	4.105	204.558	-150.00
-4.386	204.405	-150.00	-4.000	204.984	-2.00	1243+0.000	205.064	204.608	0.456	4.000	204.984	-2.00	4.114	204.813	-150.00
-4.364	204.707	-150.00	-4.000	205.252	-2.00	1244+0.000	205.332	204.921	0.411	4.000	205.252	-2.00	4.087	205.122	-150.00
-4.356	205.011	-150.00	-4.000	205.544	-2.00	1245+0.000	205.624	205.221	0.403	4.000	205.544	-2.00	4.079	205.425	-150.00
-4.373	205.396	-150.00	-4.000	205.955	-2.00	1246+0.000	206.035	205.624	0.411	4.000	205.955	-2.00	4.079	205.837	-150.00
-4.379	205.805	-150.00	-4.000	206.373	-2.00	1247+0.000	206.453	206.043	0.410	4.000	206.373	-2.00	4.072	206.265	-150.00
-4.402	206.103	-150.00	-4.000	206.707	-2.00	1248+0.000	206.787	206.362	0.424	4.000	206.707	-2.00	4.070	206.601	-150.00
-4.411	206.362	-150.00	-4.000	206.979	-2.00	1249+0.000	207.059	206.645	0.414	4.000	206.979	-2.00	4.052	206.902	-150.00
-4.404	206.544	-150.00	-4.000	207.150	-2.00	1250+0.000	207.230	206.819	0.411	4.000	207.150	-2.00	4.057	207.066	-150.00
-4.413	206.507	-150.00	-4.000	207.126	-2.00	1251+0.000	207.206	206.815	0.392	4.000	207.126	-2.00	4.021	207.095	-150.00
-4.420	206.154	-150.00	-4.000	206.784	-2.00	1252+0.000	206.864	206.465	0.399	4.000	206.784	-2.00	4.024	206.749	-150.00
-4.492	205.642	-150.00	-4.000	206.381	-2.00	1253+0.000	206.461	205.966	0.495	4.000	206.381	-2.00	4.080	206.261	-150.00
-4.448	205.316	-150.00	-4.000	205.988	-2.00	1254+0.000	206.068	205.644	0.424	4.000	205.988	-2.00	4.035	205.935	-150.00
-4.479	205.040	-150.00	-4.000	205.758	-2.00	1255+0.000	205.838	205.347	0.491	4.000	205.758	-2.00	4.079	205.639	-150.00
-4.392	205.091	-150.00	-4.000	205.678	-2.00	1256+0.000	205.758	205.346	0.412	4.000	205.678	-2.00	4.063	205.583	-150.00
-4.376	205.151	-150.00	-4.000	205.716	-2.00	1257+0.000	205.796	205.412	0.384	4.000	205.716	-2.00	4.042	205.653	-150.00
-4.364	205.208	-150.00	-4.000	205.753	-2.00	1258+0.000	205.833	205.468	0.366	4.000	205.753	-2.00	4.030	205.708	-150.00
-4.301	205.339	-150.00	-4.000	205.791	-2.00	1259+0.000	205.871	205.544	0.327	4.000	205.791	-2.00	4.037	205.736	-150.00
-4.294	205.388	-150.00	-4.000	205.829	-2.00	1260+0.000	205.909	205.585	0.324	4.000	205.829	-2.00	4.040	205.769	-150.00
-4.241	205.334	-150.00	-4.000	205.695	-2.00	1261+0.000	205.775	205.472	0.304	4.000	205.695	-2.00	4.058	205.607	-150.00
-4.239	205.134	-150.00	-4.000	205.493	-2.00	1262+0.000	205.573	205.276	0.297	4.000	205.493	-2.00	4.055	205.411	-150.00
-4.258	204.822	-150.00	-4.000	205.210	-2.00	1263+0.000	205.290	204.928	0.362	4.000	205.210	-2.00	4.119	205.031	-150.00
-4.250	204.434	-150.00	-4.000	204.809	-2.00	1264+0.000	204.889	204.556	0.333	4.000	204.809	-2.00	4.091	204.673	-150.00
-4.316	203.912	-150.00	-4.000	204.386	-2.00	1265+0.000	204.466	203.984	0.482	4.000	204.386	-2.00	4.199	204.087	-150.00
-4.247	203.240	-150.00	-4.000	203.611	-2.00	1266+0.000	203.691	203.300	0.391	4.000	203.611	-2.00	4.168	203.359	-150.00
-4.320	202.286	-150.00	-4.000	202.767	-2.00	1267+0.000	202.847	202.456	0.390	4.000	202.767	-2.00	4.073	202.658	-150.00
-4.243	201.994	-150.00	-4.000	202.358	-2.00	1268+0.000	202.438	202.164	0.274	4.000	202.358	-2.00	4.019	202.330	-150.00
-4.268	201.555	-150.00	-4.000	201.957	-2.00	1269+0.000	202.037	201.713	0.324	4.000	201.957	-2.00	4.063	201.863	-150.00
-4.315	201.084	-150.00	-4.000	201.556	-2.00	1270+0.000	201.636	201.252	0.384	4.000	201.556	-2.00	4.096	201.413	-150.00
-4.342	200.542	-150.00	-4.000	201.055	-2.00	1271+0.000	201.135	200.684	0.451	4.000	201.055	-2.00	4.183	200.780	-150.00
-4.415	199.886	-150.00	-4.000	200.509	-2.00	1272+0.000	200.589	199.978	0.611	4.000	200.509	-2.00	4.290	200.074	-150.00
-4.426	199.323	-150.00	-4.000	199.962	-2.00	1273+0.000	200.042	199.398	0.644	4.000	199.962	-2.00	4.326	199.473	-150.00
-4.337	198.910	-150.00	-4.000	199.415	-2.00	1274+0.000	199.495	198.964	0.531	4.000	199.415	-2.00	4.265	199.017	-150.00
-4.244	198.653	-150.00	-4.000	199.019	-2.00	1275+0.000	199.099	198.709	0.389	4.000	199.019	-2.00	4.171	198.761	-150.00
-4.234	198.574	-150.00	-4.000	198.925	-2.00	1276+0.000	199.005	198.612	0.392	4.000	198.925	-2.00	4.199	198.626	-150.00
-4.211	198.798	-150.00	-4.000	199.115	-2.00	1277+0.000	199.195	198.808	0.388	4.000	199.115	-2.00	4.199	198.817	-150.00
-4.228	199.279	-150.00	-4.000	199.622	-2.00	1278+0.000	199.702	199.317	0.385	4.000	199.622	-2.00	4.178	199.354	-150.00
-4.250	199.762	-150.00	-4.000	200.137	-2.00	1279+0.000	200.217	199.806	0.412	4.000	200.137	-2.00	4.172	199.880	-150.00
-4.268	200.338	-150.00	-4.000	200.740	-2.00	1280+0.000	200.820	200.421	0.399	4.000	200.740	-2.00	4.159	200.502	-150.00
-4.278	200.755	-150.00	-4.000	201.173	-2.00	1281+0.000	201.253	200.858	0.394	4.000	201.173	-2.00	4.143	200.958	-150.00
-4.243	201.145	-150.00	-4.000	201.509	-2.00	1282+0.000	201.589	201.244	0.346	4.000	201.509	-2.00	4.113	201.339	-150.00
-4.264	201.450	-150.00	-4.000	201.846	-2.00	1283+0.000	201.926	201.564	0.361	4.000	201.846	-2.00	4.114	201.674	-150.00
-4.296	201.738	-150.00	-4.000	202.182	-2.00	1284+0.000	202.262	201.856	0.406	4.000	202.182	-2.00	4.131	201.986	-150.00
-4.317	202.122	-150.00	-4.000	202.598	-2.00	1285+0.000	202.678	202.253	0.425	4.000	202.598	-2.00	4.146	202.378	-150.00
-4.309	202.617	-150.00	-4.000	203.081	-2.00	1286+0.000	203.161	202.753	0.408	4.000	203.081	-2.00	4.131	202.883	-150.00
-4.284	203.407	-150.00	-4.000	203.833	-2.00	1287+0.000	203.913	203.505	0.408	4.000	203.833	-2.00	4.156	203.600	-150.00
-4.286	204.232	-150.00	-4.000	204.661	-2.00	1288+0.000	204.741	204.327	0.414	4.000	204.661	-2.00	4.159	204.422	-150.00

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-4.280	205.117	-150.00	-4.000	205.537	-2.00	1289+0.000	205.617	205.207	0.410	4.000	205.537	-2.00	4.151	205.310	-150.00
-4.240	206.074	-150.00	-4.000	206.433	-2.00	1290+0.000	206.513	206.199	0.314	4.000	206.433	-2.00	4.077	206.318	-150.00
-4.232	206.982	-150.00	-4.000	207.330	-2.00	1291+0.000	207.410	207.101	0.309	4.000	207.330	-2.00	4.076	207.216	-150.00
-4.338	207.574	-150.00	-4.000	208.081	-2.00	1292+0.000	208.161	207.763	0.398	4.000	208.081	-2.00	4.121	207.899	-150.00
-4.324	207.568	-150.00	-4.000	208.055	-2.00	1293+0.000	208.135	207.714	0.420	4.000	208.055	-2.00	4.099	207.906	-150.00
-4.342	207.491	-150.00	-4.000	208.004	-2.00	1294+0.000	208.084	207.680	0.404	4.000	208.004	-2.00	4.097	207.858	-150.00
-4.345	207.183	-150.00	-4.000	207.701	-2.00	1295+0.000	207.781	207.344	0.437	4.000	207.701	-2.00	4.136	207.497	-150.00
-4.349	206.868	-150.00	-4.000	207.391	-2.00	1296+0.000	207.471	207.039	0.432	4.000	207.391	-2.00	4.126	207.202	-150.00
-4.377	206.516	-150.00	-4.000	207.081	-2.00	1297+0.000	207.161	206.736	0.426	4.000	207.081	-2.00	4.093	206.941	-150.00
-4.402	206.374	-150.00	-4.000	206.977	-2.00	1298+0.000	207.057	206.513	0.543	4.000	206.977	-2.00	4.205	206.670	-150.00
-4.304	206.462	-150.00	-4.000	206.918	-2.00	1299+0.000	206.998	206.591	0.407	4.000	206.918	-2.00	4.142	206.704	-150.00
-4.264	206.526	-150.00	-4.000	206.922	-2.00	1300+0.000	207.002	206.601	0.400	4.000	206.922	-2.00	4.143	206.707	-150.00
-4.309	206.661	-150.00	-4.000	207.125	-2.00	1301+0.000	207.205	206.750	0.454	4.000	207.125	-2.00	4.181	206.854	-150.00
-4.326	206.757	-150.00	-4.000	207.246	-2.00	1302+0.000	207.326	206.907	0.418	4.000	207.246	-2.00	4.130	207.051	-150.00
-4.336	206.896	-150.00	-4.000	207.400	-2.00	1303+0.000	207.480	207.075	0.404	4.000	207.400	-2.00	4.124	207.214	-150.00
-4.364	207.279	-150.00	-4.000	207.825	-2.00	1304+0.000	207.905	207.466	0.439	4.000	207.825	-2.00	4.122	207.642	-150.00
-4.360	207.708	-150.00	-4.000	208.247	-2.00	1305+0.000	208.327	207.919	0.408	4.000	208.247	-2.00	4.100	208.097	-150.00
-4.366	207.981	-150.00	-4.000	208.529	-2.00	1306+0.000	208.609	208.202	0.407	4.000	208.529	-2.00	4.080	208.409	-150.00
-4.241	208.134	-150.00	-4.000	208.495	-2.00	1307+0.000	208.575	208.366	0.209	4.000	208.495	-2.00	4.146	208.592	66.67
-4.332	207.901	-150.00	-4.000	208.399	-2.00	1308+0.000	208.479	208.165	0.314	4.000	208.399	-2.00	4.016	208.410	66.67
-4.396	207.577	-150.00	-4.000	208.170	-2.00	1309+0.000	208.250	207.848	0.402	4.000	208.170	-2.00	4.047	208.100	-150.00
-4.401	207.134	-150.00	-4.000	207.735	-2.00	1310+0.000	207.815	207.411	0.403	4.000	207.735	-2.00	4.046	207.666	-150.00
-4.405	206.691	-150.00	-4.000	207.299	-2.00	1311+0.000	207.379	206.981	0.399	4.000	207.299	-2.00	4.030	207.254	-150.00
-4.397	206.320	-150.00	-4.000	206.916	-2.00	1312+0.000	206.996	206.608	0.388	4.000	206.916	-2.00	4.015	206.894	-150.00
-4.406	206.140	-150.00	-4.000	206.748	-2.00	1313+0.000	206.828	206.444	0.384	4.000	206.748	-2.00	4.010	206.733	-150.00
-4.380	206.096	-150.00	-4.000	206.667	-2.00	1314+0.000	206.747	206.353	0.394	4.000	206.667	-2.00	4.051	206.590	-150.00
-4.380	206.120	-150.00	-4.000	206.690	-2.00	1315+0.000	206.770	206.374	0.395	4.000	206.690	-2.00	4.053	206.610	-150.00
-4.356	206.330	-150.00	-4.000	206.864	-2.00	1316+0.000	206.944	206.546	0.397	4.000	206.864	-2.00	4.076	206.749	-150.00
-4.304	206.847	-150.00	-4.000	207.303	-2.00	1317+0.000	207.383	207.042	0.340	4.000	207.303	-2.00	4.051	207.227	-150.00
-4.277	207.529	-150.00	-4.000	207.944	-2.00	1318+0.000	208.024	207.679	0.344	4.000	207.944	-2.00	4.080	207.823	-150.00
-4.324	208.098	-150.00	-4.000	208.585	-2.00	1319+0.000	208.665	208.186	0.478	4.000	208.585	-2.00	4.167	208.334	-150.00
-4.304	208.575	-150.00	-4.000	209.031	-2.00	1320+0.000	209.111	208.678	0.433	4.000	209.031	-2.00	4.168	208.779	-150.00
-4.216	208.854	-150.00	-4.000	209.179	-2.00	1321+0.000	209.259	208.826	0.433	4.000	209.179	-2.00	4.232	208.830	-150.00
-4.204	208.653	-150.00	-4.000	208.959	-2.00	1322+0.000	209.039	208.645	0.393	4.000	208.959	-2.00	4.214	208.638	-150.00
-4.202	208.280	-150.00	-4.000	208.584	-2.00	1323+0.000	208.664	208.284	0.380	4.000	208.584	-2.00	4.171	208.327	-150.00
-4.211	207.893	-150.00	-4.000	208.209	-2.00	1324+0.000	208.289	207.898	0.391	4.000	208.209	-2.00	4.143	207.994	-150.00
-4.316	207.361	-150.00	-4.000	207.835	-2.00	1325+0.000	207.915	207.438	0.477	4.000	207.835	-2.00	4.152	207.607	-150.00
-4.368	206.909	-150.00	-4.000	207.461	-2.00	1326+0.000	207.541	207.022	0.519	4.000	207.461	-2.00	4.182	207.188	-150.00
-4.326	206.622	-150.00	-4.000	207.111	-2.00	1327+0.000	207.191	206.795	0.397	4.000	207.111	-2.00	4.102	206.959	-150.00
-4.303	206.459	-150.00	-4.000	206.914	-2.00	1328+0.000	206.994	206.629	0.365	4.000	206.914	-2.00	4.083	206.790	-150.00
-4.283	206.293	-150.00	-4.000	206.717	-2.00	1329+0.000	206.797	206.441	0.356	4.000	206.717	-2.00	4.090	206.582	-150.00
-4.301	206.069	-150.00	-4.000	206.520	-2.00	1330+0.000	206.600	206.220	0.380	4.000	206.520	-2.00	4.101	206.368	-150.00
-4.229	205.979	-150.00	-4.000	206.323	-2.00	1331+0.000	206.403	206.130	0.273	4.000	206.323	-2.00	4.033	206.274	-150.00
-4.179	205.857	-150.00	-4.000	206.126	-2.00	1332+0.000	206.206	205.966	0.240	4.000	206.126	-2.00	4.036	206.072	-150.00
-4.263	205.534	-150.00	-4.000	205.929	-2.00	1333+0.000	206.009	205.655	0.353	4.000	205.929	-2.00	4.105	205.771	-150.00
-4.289	205.298	-150.00	-4.000	205.731	-2.00	1334+0.000	205.811	205.418	0.393	4.000	205.731	-2.00	4.131	205.534	-150.00
-4.319	205.151	-150.00	-4.000	205.629	-2.00	1335+0.000	205.709	205.257	0.452	4.000	205.629	-2.00	4.180	205.360	-150.00
-4.285	205.200	-150.00	-4.000	205.628	-2.00	1336+0.000	205.708	205.322	0.386	4.000	205.628	-2.00	4.138	205.420	-150.00
-4.290	205.256	-150.00	-4.000	205.692	-2.00	1337+0.000	205.772	205.377	0.395	4.000	205.692	-2.00	4.133	205.493	-150.00
-4.288	205.388	-150.00	-4.000	205.821	-2.00	1338+0.000	205.901	205.502	0.399	4.000	205.821	-2.00	4.139	205.613	-150.00
-4.285	205.567	-150.00	-4.000	205.995	-2.00	1339+0.000	206.075	205.680	0.394	4.000	205.995	-2.00	4.137	205.789	-150.00
-4.260	205.779	-150.00	-4.000	206.169	-2.00	1340+0.000	206.249	205.876	0.373	4.000	206.169	-2.00	4.143	205.954	-150.00
-4.273	205.934	-150.00	-4.000	206.343	-2.00	1341+0.000	206.423	206.021	0.402	4.000	206.343	-2.00	4.173	206.084	-150.00
-4.257	205.935	-150.00	-4.000	206.320	-2.00	1342+0.000	206.400	205.998	0.402	4.000	206.320	-2.00	4.175	206.058	-150.00
-4.253	205.800	-150.00	-4.000	206.179	-2.00	1343+0.000	206.259	205.860	0.399	4.000	206.179	-2.00	4.173	205.919	-150.00
-4.253	205.426	-150.00	-4.000	205.805	-2.00	1344+0.000	205.885	205.486	0.399	4.000	205.805	-2.00	4.180	205.535	-150.00
-4.223	204.713	-150.00	-4.000	205.048	-2.00	1345+0.000	205.128	204.730	0.398	4.000	205.048	-2.00	4.201	204.747	-150.00
-4.203	203.789	-150.00	-4.000	204.093	-2.00	1346+0.000	204.173	203.792	0.381	4.000	204.093	-2.00	4.198	203.796	-150.00
-4.182	202.840	-150.00	-4.000	203.113	-2.00	1347+0.000	203.193	202.813	0.380	4.000	203.113	-2.00	4.219	202.784	-150.00
-4.182	201.951	-150.00	-4.000	202.224	-2.00	1348+0.000	202.304	201.949	0.355	4.000	202.224	-2.00	4.183	201.949	-150.00
-4.260	201.165	-150.00	-4.000	201.555	-2.00	1349+0.000	201.635	201.190	0.446	4.000	201.555	-2.00	4.220	201.225	-150.00
-4.300	201.169	-150.00	-4.000	201.620	-2.00	1350+0.000	201.700	201.230	0.470	4.000	201.620	-2.00	4.236	201.266	-150.00
-4.341	201.323	-150.00	-4.000	201.835	-2.00	1351+0.000	201.915	201.404	0.511	4.000	201.835	-2.00	4.235	201.482	-150.00
-4.297	201.700	-150.00	-4.000	202.145	-2.00	1352+0.000	202.225	201.830	0.395	4.000	202.145	-2.00	4.127	201.955	-150.00
-4.339	202.342	-150.00	-4.000	202.851	-2.00	1353+0.000	202.931	202.512	0.419	4.000	202.851	-2.00	4.119	202.673	-150.00
-4.339	203.160	-150.00	-4.000	203.669	-2.00	1354+0.000	203.749	203.331	0.418	4.000	203.669	-2.00	4.105	203.510	-150.00
-4.336	204.079	-150.00	-4.000	204.583	-2.00	1355+0.000	204.663	204.269	0.394	4.000	204.583	-2.00	4.090	204.448	-150.00
-4.361	204.957	-150.00	-4.000	205.498	-2.00	1356+0.000	205.578	205.165	0.413	4.000	205.498	-2.00	4.092	205.360	-150.00
-4.375	205.808	-150.00	-4.000	206.370	-2.00	1357+0.000	206.450	206.039	0.410	4.000	206.370	-2.00	4.076	206.255	-150.00
-4.408	206.448	-150.00	-4.000	207.060	-2.00	1358+0.000	207.140	206.696	0.444	4.000	207.060	-2.00	4.089	206.926	-150.00
-4.360	206.591	-150.00	-4.000	207.132	-2.00	1359+0.000	207.212	206.813	0.399	4.000	207.132	-2.00	4.066	207.034	-150.00
-4.262	206.850	-150.00	-4.000	207.243	-2.00	1360+0.000	207.323	207.028	0.295	4.000	207.243	-2.00	4.031	207.196	-150.00
-4.365	206.783	-150.00	-4.000	207.331	-2.00	1361+0.000	207.411	206.977	0.434	4.000	207.331	-2.00	4.121	207.149	-150.00
-4.348	206.596	-150.00	-4.000	207.119	-2.00	1362+0.000	207.199	206.791	0.408	4.000	207.119	-2.00	4.096	206.974	-150.00
-4.345	206.291	-150.00	-4.000	206.809	-2.00	1363+0.000	206.889	206.483	0.406	4.000	206.809	-2.00	4.097	206.664	-150.00
-4.328	205.659	-150.00	-4.000	206.151	-2.00	1364+0.000	206.231	205.795	0.436	4.000	206.151	-2.00	4.151	205.925	-150.00
-4.293	205.039	-150.00	-4.000	205.479	-2.00	1365+0.000	205.559	205.171	0.388	4.000	205.479	-2.00	4.121	205.297	-150.00
-4.280	204.390	-150.00	-4.000	204.810	-2.00	1366+0.000	204.890	204.519	0.370	4.000	204.810	-2.00	4.110	204.645	-150.00
-4.287	203.945	-150.00	-4.000	204.375	-2.00	1367+0.000	204.455	204.050	0.405	4.000	204.375	-2.00	4.149	204.152	-150.00
-4.447	203.517	-150.00	-4.000	204.187	-2.00	1368+0.000	204.267	203.629	0.638	4.000	204.187	-2.00	4.288	203.756	-150.00
-4.366	203.457	-150.00	-4.000	204.006	-2.00	1369+0.000	204.086	203.598	0.488	4.000	204.006	-2.00	4.207	203.696	-150.00

Osvaldo Leôncio da Silv
Diretor da Unidade de Proj
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-4.240	203.470	-150.00	-4.000	203.830	-2.00	1370+0.000	203.910	203.511	0.399	4.000	203.830	-2.00	4.175	203.568	-150.00
-4.214	203.567	-150.00	-4.000	203.887	-2.00	1371+0.000	203.967	203.592	0.375	4.000	203.887	-2.00	4.188	203.606	-150.00
-4.226	203.605	-150.00	-4.000	203.945	-2.00	1372+0.000	204.025	203.664	0.360	4.000	203.945	-2.00	4.148	203.723	-150.00
-4.257	203.649	-150.00	-4.000	204.034	-2.00	1373+0.000	204.114	203.729	0.385	4.000	204.034	-2.00	4.144	203.818	-150.00
-4.275	203.997	-150.00	-4.000	204.410	-2.00	1374+0.000	204.490	204.081	0.408	4.000	204.410	-2.00	4.166	204.160	-150.00
-4.291	204.126	-150.00	-4.000	204.563	-2.00	1375+0.000	204.643	204.273	0.370	4.000	204.563	-2.00	4.096	204.419	-150.00
-4.230	204.049	-150.00	-4.000	204.394	-2.00	1376+0.000	204.474	204.199	0.274	4.000	204.394	-2.00	4.034	204.343	-150.00
-4.210	203.910	-150.00	-4.000	204.224	-2.00	1377+0.000	204.304	204.051	0.253	4.000	204.224	-2.00	4.024	204.187	-150.00
-4.211	203.738	-150.00	-4.000	204.054	-2.00	1378+0.000	204.134	203.878	0.256	4.000	204.054	-2.00	4.029	204.012	-150.00
-4.282	203.462	-150.00	-4.000	203.885	-2.00	1379+0.000	203.965	203.606	0.359	4.000	203.885	-2.00	4.095	203.742	-150.00
-4.292	203.114	-150.00	-4.000	203.552	-2.00	1380+0.000	203.632	203.244	0.388	4.000	203.552	-2.00	4.121	203.370	-150.00
-4.178	202.658	-150.00	-4.000	202.925	-2.00	1381+0.000	203.005	202.787	0.218	4.000	202.925	-2.00	4.009	202.911	-150.00
-4.232	201.950	-150.00	-4.000	202.298	-2.00	1382+0.000	202.378	202.058	0.320	4.000	202.298	-2.00	4.091	202.161	-150.00
-4.265	201.170	-150.00	-4.000	201.568	-2.00	1383+0.000	201.648	201.246	0.402	4.000	201.568	-2.00	4.143	201.354	-150.00
-4.223	200.337	-150.00	-4.000	200.672	-2.00	1384+0.000	200.752	200.349	0.403	4.000	200.672	-2.00	4.208	200.360	-150.00
-4.251	199.399	-150.00	-4.000	199.775	-2.00	1385+0.000	199.855	199.434	0.421	4.000	199.775	-2.00	4.205	199.468	-150.00
-4.385	198.301	-150.00	-4.000	198.879	-2.00	1386+0.000	198.959	198.390	0.568	4.000	198.879	-2.00	4.268	198.477	-150.00
-4.327	197.492	-150.00	-4.000	197.982	-2.00	1387+0.000	198.062	197.624	0.438	4.000	197.982	-2.00	4.154	197.751	-150.00
-4.207	196.891	-150.00	-4.000	197.202	-2.00	1388+0.000	197.282	196.922	0.360	4.000	197.202	-2.00	4.102	197.048	-150.00
-4.173	196.878	-150.00	-4.000	197.138	-2.00	1389+0.000	197.218	196.909	0.309	4.000	197.138	-2.00	4.133	196.939	-150.00
-4.208	196.880	-150.00	-4.000	197.191	-2.00	1390+0.000	197.271	196.874	0.397	4.000	197.191	-2.00	4.216	196.867	-150.00
-4.210	197.177	-150.00	-4.000	197.493	-2.00	1391+0.000	197.573	197.167	0.406	4.000	197.493	-2.00	4.219	197.164	-150.00
-4.209	198.076	-150.00	-4.000	198.390	-2.00	1392+0.000	198.470	198.097	0.372	4.000	198.390	-2.00	4.198	198.093	-150.00
-4.262	198.897	-150.00	-4.000	199.289	-2.00	1393+0.000	199.369	199.000	0.369	4.000	199.289	-2.00	4.126	199.100	-150.00
-4.358	199.683	-150.00	-4.000	200.220	-2.00	1394+0.000	200.300	199.819	0.481	4.000	200.220	-2.00	4.180	199.950	-150.00
-4.336	200.567	-150.00	-4.000	201.070	-2.00	1395+0.000	201.150	200.758	0.392	4.000	201.070	-2.00	4.088	200.938	-150.00
-4.326	201.101	-150.00	-4.000	201.590	-2.00	1396+0.000	201.670	201.272	0.398	4.000	201.590	-2.00	4.104	201.434	-150.00
-4.368	201.544	-150.00	-4.000	202.096	-2.00	1397+0.000	202.176	201.732	0.444	4.000	202.096	-2.00	4.136	201.892	-150.00
-4.379	201.448	-150.00	-4.000	202.016	-2.00	1398+0.000	202.096	201.641	0.455	4.000	202.016	-2.00	4.128	201.824	-150.00
-4.323	201.285	-150.00	-4.000	201.769	-2.00	1399+0.000	201.849	201.450	0.400	4.000	201.769	-2.00	4.109	201.606	-150.00
-4.308	200.903	-150.00	-4.000	201.365	-2.00	1400+0.000	201.445	201.052	0.393	4.000	201.365	-2.00	4.113	201.195	-150.00
-4.315	200.401	-150.00	-4.000	200.873	-2.00	1401+0.000	200.953	200.541	0.411	4.000	200.873	-2.00	4.131	200.676	-150.00
-4.334	199.849	-150.00	-4.000	200.350	-2.00	1402+0.000	200.430	199.955	0.475	4.000	200.350	-2.00	4.199	200.051	-150.00
-4.312	199.360	-150.00	-4.000	199.827	-2.00	1403+0.000	199.907	199.484	0.424	4.000	199.827	-2.00	4.155	199.595	-150.00
-4.271	198.826	-150.00	-4.000	199.232	-2.00	1404+0.000	199.312	198.921	0.391	4.000	199.232	-2.00	4.135	199.029	-150.00
-4.238	198.155	-150.00	-4.000	198.512	-2.00	1405+0.000	198.592	198.266	0.326	4.000	198.512	-2.00	4.093	198.373	-150.00
-4.232	197.446	-150.00	-4.000	197.793	-2.00	1406+0.000	197.873	197.551	0.323	4.000	197.793	-2.00	4.094	197.652	-150.00
-4.227	196.734	-150.00	-4.000	197.074	-2.00	1407+0.000	197.154	196.844	0.311	4.000	197.074	-2.00	4.083	196.950	-150.00
-4.295	195.913	-150.00	-4.000	196.355	-2.00	1408+0.000	196.435	196.058	0.377	4.000	196.355	-2.00	4.106	196.196	-150.00
-4.304	195.228	-150.00	-4.000	195.684	-2.00	1409+0.000	195.764	195.378	0.386	4.000	195.684	-2.00	4.108	195.521	-150.00
-4.291	194.605	-150.00	-4.000	195.041	-2.00	1410+0.000	195.121	194.742	0.379	4.000	195.041	-2.00	4.112	194.873	-150.00
-4.275	194.091	-150.00	-4.000	194.504	-2.00	1411+0.000	194.584	194.233	0.351	4.000	194.504	-2.00	4.089	194.371	-150.00
-4.303	193.958	-150.00	-4.000	194.413	-2.00	1412+0.000	194.493	194.112	0.381	4.000	194.413	-2.00	4.102	194.259	-150.00
-4.304	194.000	-150.00	-4.000	194.457	-2.00	1413+0.000	194.537	194.147	0.390	4.000	194.457	-2.00	4.114	194.286	-150.00
-4.312	194.205	-150.00	-4.000	194.672	-2.00	1414+0.000	194.752	194.355	0.397	4.000	194.672	-2.00	4.115	194.499	-150.00
-4.313	194.499	-150.00	-4.000	194.969	-2.00	1415+0.000	195.049	194.646	0.403	4.000	194.969	-2.00	4.125	194.781	-150.00
-4.316	194.847	-150.00	-4.000	195.321	-2.00	1416+0.000	195.401	194.997	0.404	4.000	195.321	-2.00	4.128	195.129	-150.00
-4.292	195.046	-150.00	-4.000	195.484	-2.00	1417+0.000	195.564	195.171	0.393	4.000	195.484	-2.00	4.117	195.309	-150.00
-4.260	195.290	-150.00	-4.000	195.680	-2.00	1418+0.000	195.760	195.405	0.355	4.000	195.680	-2.00	4.108	195.518	-150.00
-4.195	195.587	-150.00	-4.000	195.879	-2.00	1419+0.000	195.959	195.699	0.260	4.000	195.879	-2.00	4.048	195.807	-150.00
-4.193	195.788	-150.00	-4.000	196.078	-2.00	1420+0.000	196.158	195.927	0.231	4.000	196.078	-2.00	4.012	196.059	-150.00
-4.250	195.901	-150.00	-4.000	196.276	-2.00	1421+0.000	196.356	196.035	0.321	4.000	196.276	-2.00	4.084	196.151	-150.00
-4.295	195.959	-150.00	-4.000	196.401	-2.00	1422+0.000	196.481	196.080	0.401	4.000	196.401	-2.00	4.137	196.196	-150.00
-4.289	195.922	-150.00	-4.000	196.355	-2.00	1423+0.000	196.435	196.037	0.398	4.000	196.355	-2.00	4.141	196.143	-150.00
-4.296	195.810	-150.00	-4.000	196.253	-2.00	1424+0.000	196.333	195.925	0.409	4.000	196.253	-2.00	4.145	196.035	-150.00
-4.285	195.724	-150.00	-4.000	196.151	-2.00	1425+0.000	196.231	195.842	0.389	4.000	196.151	-2.00	4.133	195.952	-150.00
-4.301	195.747	-150.00	-4.000	196.199	-2.00	1426+0.000	196.279	195.899	0.380	4.000	196.199	-2.00	4.104	196.043	-150.00
-4.344	195.804	-150.00	-4.000	196.319	-2.00	1427+0.000	196.399	195.971	0.429	4.000	196.319	-2.00	4.122	196.136	-150.00
-4.343	195.926	-150.00	-4.000	196.440	-2.00	1428+0.000	196.520	196.116	0.405	4.000	196.440	-2.00	4.097	196.294	-150.00
-4.353	196.032	-150.00	-4.000	196.561	-2.00	1429+0.000	196.641	196.239	0.402	4.000	196.561	-2.00	4.093	196.421	-150.00
-4.353	196.152	-150.00	-4.000	196.681	-2.00	1430+0.000	196.761	196.364	0.397	4.000	196.681	-2.00	4.079	196.563	-150.00
-4.314	196.360	-150.00	-4.000	196.831	-2.00	1431+0.000	196.911	196.585	0.327	4.000	196.831	-2.00	4.028	196.789	-150.00
-4.238	196.633	-150.00	-4.000	196.989	-2.00	1432+0.000	197.069	196.846	0.224	4.000	196.989	-2.00	4.071	197.037	66.67
-4.281	196.726	-150.00	-4.000	197.147	-2.00	1433+0.000	197.227	196.927	0.300	4.000	197.147	-2.00	4.022	197.115	-150.00
-4.336	196.801	-150.00	-4.000	197.305	-2.00	1434+0.000	197.385	197.006	0.379	4.000	197.305	-2.00	4.081	197.184	-150.00
-4.396	196.870	-150.00	-4.000	197.463	-2.00	1435+0.000	197.543	197.062	0.481	4.000	197.463	-2.00	4.147	197.243	-150.00
-4.420	196.992	-150.00	-4.000	197.621	-2.00	1436+0.000	197.701	197.196	0.505	4.000	197.621	-2.00	4.155	197.389	-150.00
-4.409	197.165	-150.00	-4.000	197.779	-2.00	1437+0.000	197.859	197.359	0.500	4.000	197.779	-2.00	4.152	197.550	-150.00
-4.354	197.406	-150.00	-4.000	197.937	-2.00	1438+0.000	198.017	197.575	0.441	4.000	197.937	-2.00	4.134	197.736	-150.00
-4.327	197.604	-150.00	-4.000	198.095	-2.00	1439+0.000	198.175	197.773	0.402	4.000	198.095	-2.00	4.107	197.934	-150.00
-4.368	197.771	-150.00	-4.000	198.322	-2.00	1440+0.000	198.402	197.996	0.407	4.000	198.322	-2.00	4.078	198.205	-150.00
-4.354	198.021	-150.00	-4.000	198.552	-2.00	1441+0.000	198.632	198.234	0.398	4.000	198.552	-2.00	4.075	198.440	-150.00
-4.317	198.307	-150.00	-4.000	198.782	-2.00	1442+0.000	198.862	198.484	0.378	4.000	198.782	-2.00	4.084	198.656	-150.00
-4.358	198.466	-150.00	-4.000	199.003	-2.00	1443+0.000	199.083	198.685	0.398	4.000	199.003	-2.00	4.094	198.861	-150.00
-4.376	198.366	-150.00	-4.000	198.930	-2.00	1444+0.000	199.010	198.611	0.399	4.000	198.930	-2.00	4.061	198.838	-150.00
-4.490	198.122	-150.00	-4.000	198.858	-2.00	1445+0.000	198.938	198.415	0.523	4.000	198.858	-2.00	4.116	198.683	-150.00
-4.427	198.217	-150.00	-4.000	198.858	-2.00	1446+0.000	198.938	198.497	0.441	4.000	198.858	-2.00	4.055	198.775	-150.00
-4.385	198.634	-150.00	-4.000	199.211	-2.00	1447+0.000	199.291	198.887	0.404	4.000	199.211	-2.00	4.095	199.069	-150.00
-4.365	198.871	-150.00	-4.000	199.419	-2.00	1448+0.000	199.499	199.087	0.412	4.000	199.419	-2.00	4.086	199.290	-150.00
-4.372	199.067	-150.00	-4.000	199.625	-2.00	1449+0.000	199.705	199.284	0.421	4.000	199.625	-2.00	4.092	199.487	-150.00
-4.339	199.267	-150.00	-4.000	199.776	-2.00	1450+0.000	199.856	199.461	0.396	4.000	199.776	-2.00	4.089	199.643	-150.00

Osvaldo Leôncio da Silva
Diretor da Unidade de Prog
Projetos e Obras - DUI
Secretaria das Cidades

-4.372	199.132	-150.00	-4.000	199.689	-2.00	1451+0.000	199.769	199.299	0.471	4.000	199.689	-2.00	4.137	199.485	-150.00
-4.360	199.063	-150.00	-4.000	199.602	-2.00	1452+0.000	199.682	199.245	0.437	4.000	199.602	-2.00	4.112	199.434	-150.00
-4.293	199.076	-150.00	-4.000	199.515	-2.00	1453+0.000	199.595	199.272	0.323	4.000	199.515	-2.00	4.039	199.456	-150.00
-4.342	198.915	-150.00	-4.000	199.428	-2.00	1454+0.000	199.508	199.105	0.404	4.000	199.428	-2.00	4.092	199.290	-150.00
-4.343	198.826	-150.00	-4.000	199.341	-2.00	1455+0.000	199.421	199.016	0.405	4.000	199.341	-2.00	4.097	199.195	-150.00
-4.256	198.869	-150.00	-4.000	199.252	-2.00	1456+0.000	199.332	199.033	0.299	4.000	199.252	-2.00	4.042	199.189	-150.00
-4.235	198.811	-150.00	-4.000	199.163	-2.00	1457+0.000	199.243	198.943	0.300	4.000	199.163	-2.00	4.062	199.069	-150.00
-4.277	198.602	-150.00	-4.000	199.017	-2.00	1458+0.000	199.097	198.735	0.362	4.000	199.017	-2.00	4.103	198.862	-150.00
-4.158	198.358	-150.00	-4.000	198.595	-2.00	1459+0.000	198.675	198.485	0.190	4.000	198.595	-2.00	4.018	198.607	66.67
-4.275	197.644	-150.00	-4.000	198.057	-2.00	1460+0.000	198.137	197.757	0.380	4.000	198.057	-2.00	4.124	197.871	-150.00
-4.233	196.916	-150.00	-4.000	197.265	-2.00	1461+0.000	197.345	197.011	0.334	4.000	197.265	-2.00	4.108	197.103	-150.00
-4.275	196.061	-150.00	-4.000	196.474	-2.00	1462+0.000	196.554	196.189	0.365	4.000	196.474	-2.00	4.108	196.312	-150.00
-4.289	195.255	-150.00	-4.000	195.689	-2.00	1463+0.000	195.769	195.398	0.372	4.000	195.689	-2.00	4.106	195.531	-150.00
-4.273	194.607	-150.00	-4.000	195.018	-2.00	1464+0.000	195.098	194.751	0.346	4.000	195.018	-2.00	4.086	194.889	-150.00
-4.285	194.376	-150.00	-4.000	194.803	-2.00	1465+0.000	194.883	194.521	0.362	4.000	194.803	-2.00	4.097	194.657	-150.00
-4.259	194.264	-150.00	-4.000	194.653	-2.00	1466+0.000	194.733	194.356	0.377	4.000	194.653	-2.00	4.138	194.446	-150.00
-4.211	194.275	-150.00	-4.000	194.591	-2.00	1467+0.000	194.671	194.370	0.302	4.000	194.591	-2.00	4.087	194.461	-150.00
-4.131	194.333	-150.00	-4.000	194.530	-2.00	1468+0.000	194.610	194.384	0.226	4.000	194.530	-2.00	4.064	194.433	-150.00
-4.162	194.225	-150.00	-4.000	194.468	-2.00	1469+0.000	194.548	194.285	0.263	4.000	194.468	-2.00	4.078	194.352	-150.00
-4.209	194.093	-150.00	-4.000	194.406	-2.00	1470+0.000	194.486	194.173	0.314	4.000	194.406	-2.00	4.104	194.250	-150.00
-4.230	194.000	-150.00	-4.000	194.344	-2.00	1471+0.000	194.424	194.092	0.332	4.000	194.344	-2.00	4.109	194.182	-150.00
-4.234	193.932	-150.00	-4.000	194.283	-2.00	1472+0.000	194.363	194.024	0.339	4.000	194.283	-2.00	4.079	194.164	-150.00
-4.286	193.792	-150.00	-4.000	194.221	-2.00	1473+0.000	194.301	193.905	0.396	4.000	194.221	-2.00	4.106	194.062	-150.00
-4.247	193.792	-150.00	-4.000	194.163	-2.00	1474+0.000	194.243	193.910	0.332	4.000	194.163	-2.00	4.091	194.027	-150.00
-4.232	193.757	-150.00	-4.000	194.105	-2.00	1475+0.000	194.185	193.873	0.311	4.000	194.105	-2.00	4.075	193.992	-150.00
-4.284	193.621	-150.00	-4.000	194.047	-2.00	1476+0.000	194.127	193.740	0.387	4.000	194.047	-2.00	4.128	193.854	-150.00
-4.281	193.583	-150.00	-4.000	194.005	-2.00	1477+0.000	194.085	193.715	0.370	4.000	194.005	-2.00	4.113	193.836	-150.00
-4.287	193.667	-150.00	-4.000	194.097	-2.00	1478+0.000	194.177	193.780	0.396	4.000	194.097	-2.00	4.138	193.890	-150.00
-4.301	193.999	-150.00	-4.000	194.451	-2.00	1479+0.000	194.531	194.144	0.387	4.000	194.451	-2.00	4.115	194.279	-150.00
-4.324	194.409	-150.00	-4.000	194.894	-2.00	1480+0.000	194.974	194.567	0.407	4.000	194.894	-2.00	4.118	194.718	-150.00
-4.343	194.895	-150.00	-4.000	195.409	-2.00	1481+0.000	195.489	195.070	0.419	4.000	195.409	-2.00	4.098	195.262	-150.00
-4.362	195.211	-150.00	-4.000	195.754	-2.00	1482+0.000	195.834	195.414	0.421	4.000	195.754	-2.00	4.094	195.613	-150.00
-4.379	195.446	-150.00	-4.000	196.015	-2.00	1483+0.000	196.095	195.695	0.400	4.000	196.015	-2.00	4.059	195.926	-150.00
-4.322	195.642	-150.00	-4.000	196.125	-2.00	1484+0.000	196.205	195.889	0.316	4.000	196.125	-2.00	4.007	196.115	-150.00
-4.301	195.778	-150.00	-4.000	196.230	-2.00	1485+0.000	196.310	196.040	0.270	4.000	196.230	-2.00	4.087	196.288	66.67
-4.309	195.872	-150.00	-4.000	196.334	-2.00	1486+0.000	196.414	196.137	0.277	4.000	196.334	-2.00	4.081	196.389	66.67
-4.290	196.004	-150.00	-4.000	196.439	-2.00	1487+0.000	196.519	196.222	0.297	4.000	196.439	-2.00	4.007	196.444	66.67
-4.311	196.078	-150.00	-4.000	196.544	-2.00	1488+0.000	196.624	196.304	0.320	4.000	196.544	-2.00	4.020	196.514	-150.00
-4.331	196.158	-150.00	-4.000	196.655	-2.00	1489+0.000	196.735	196.340	0.395	4.000	196.655	-2.00	4.106	196.496	-150.00
-4.331	196.308	-150.00	-4.000	196.806	-2.00	1490+0.000	196.886	196.489	0.396	4.000	196.806	-2.00	4.097	196.660	-150.00
-4.367	196.567	-150.00	-4.000	197.117	-2.00	1491+0.000	197.197	196.744	0.452	4.000	197.117	-2.00	4.136	196.913	-150.00
-4.375	196.963	-150.00	-4.000	197.525	-2.00	1492+0.000	197.605	197.171	0.435	4.000	197.525	-2.00	4.107	197.365	-150.00
-4.355	197.466	-150.00	-4.000	197.998	-2.00	1493+0.000	198.078	197.669	0.409	4.000	197.998	-2.00	4.092	197.860	-150.00
-4.365	198.018	-150.00	-4.000	198.565	-2.00	1494+0.000	198.645	198.215	0.430	4.000	198.565	-2.00	4.110	198.401	-150.00
-4.347	198.617	-150.00	-4.000	199.138	-2.00	1495+0.000	199.218	198.794	0.424	4.000	199.138	-2.00	4.120	198.958	-150.00
-4.359	199.171	-150.00	-4.000	199.710	-2.00	1496+0.000	199.790	199.384	0.406	4.000	199.710	-2.00	4.103	199.555	-150.00
-4.360	199.584	-150.00	-4.000	200.124	-2.00	1497+0.000	200.204	199.790	0.414	4.000	200.124	-2.00	4.138	199.917	-150.00
-4.325	199.826	-150.00	-4.000	200.313	-2.00	1498+0.000	200.393	199.983	0.411	4.000	200.313	-2.00	4.125	200.126	-150.00
-4.274	199.778	-150.00	-4.000	200.189	-2.00	1499+0.000	200.269	199.934	0.335	4.000	200.189	-2.00	4.070	200.083	-150.00
-4.271	199.598	-150.00	-4.000	200.005	-2.00	1500+0.000	200.085	199.785	0.299	4.000	200.005	-2.00	4.028	199.962	-150.00
-4.364	199.258	-150.00	-4.000	199.804	-2.00	1501+0.000	199.884	199.455	0.429	4.000	199.804	-2.00	4.109	199.640	-150.00
-4.332	198.505	-150.00	-4.000	199.002	-2.00	1502+0.000	199.082	198.703	0.380	4.000	199.002	-2.00	4.049	198.929	-150.00
-4.357	197.821	-150.00	-4.000	198.357	-2.00	1503+0.000	198.437	198.055	0.381	4.000	198.357	-2.00	4.055	198.274	-150.00
-4.387	197.082	-150.00	-4.000	197.663	-2.00	1504+0.000	197.743	197.321	0.422	4.000	197.663	-2.00	4.079	197.545	-150.00
-4.372	196.412	-150.00	-4.000	196.970	-2.00	1505+0.000	197.050	196.619	0.431	4.000	196.970	-2.00	4.104	196.813	-150.00
-4.372	195.773	-150.00	-4.000	196.331	-2.00	1506+0.000	196.411	195.975	0.437	4.000	196.331	-2.00	4.111	196.164	-150.00
-4.290	195.596	-150.00	-4.000	196.031	-2.00	1507+0.000	196.111	195.732	0.378	4.000	196.031	-2.00	4.112	195.862	-150.00
-4.289	195.540	-150.00	-4.000	195.973	-2.00	1508+0.000	196.053	195.647	0.406	4.000	195.973	-2.00	4.136	195.769	-150.00
-4.257	195.683	-150.00	-4.000	196.069	-2.00	1509+0.000	196.149	195.788	0.361	4.000	196.069	-2.00	4.120	195.889	-150.00
-4.195	195.872	-150.00	-4.000	196.165	-2.00	1510+0.000	196.245	195.964	0.281	4.000	196.165	-2.00	4.078	196.047	-150.00
-4.286	195.833	-150.00	-4.000	196.261	-2.00	1511+0.000	196.341	195.950	0.391	4.000	196.261	-2.00	4.132	196.064	-150.00
-4.306	195.789	-150.00	-4.000	196.248	-2.00	1512+0.000	196.328	195.932	0.396	4.000	196.248	-2.00	4.120	196.068	-150.00
-4.345	195.600	-150.00	-4.000	196.117	-2.00	1513+0.000	196.197	195.740	0.458	4.000	196.117	-2.00	4.163	195.873	-150.00
-4.342	195.464	-150.00	-4.000	195.977	-2.00	1514+0.000	196.057	195.641	0.416	4.000	195.977	-2.00	4.117	195.801	-150.00
-4.364	195.291	-150.00	-4.000	195.837	-2.00	1515+0.000	195.917	195.462	0.455	4.000	195.837	-2.00	4.142	195.624	-150.00
-4.308	195.234	-150.00	-4.000	195.697	-2.00	1516+0.000	195.777	195.393	0.384	4.000	195.697	-2.00	4.105	195.539	-150.00
-4.303	195.333	-150.00	-4.000	195.788	-2.00	1517+0.000	195.868	195.472	0.397	4.000	195.788	-2.00	4.123	195.604	-150.00
-4.335	195.868	-150.00	-4.000	196.371	-2.00	1518+0.000	196.451	196.043	0.408	4.000	196.371	-2.00	4.082	196.248	-150.00
-4.319	196.681	-150.00	-4.000	197.160	-2.00	1519+0.000	197.240	196.886	0.354	4.000	197.160	-2.00	4.054	197.079	-150.00
-4.248	197.777	-150.00	-4.000	198.149	-2.00	1520+0.000	198.229	197.892	0.337	4.000	198.149	-2.00	4.089	198.015	-150.00
-4.287	198.738	-150.00	-4.000	199.169	-2.00	1521+0.000	199.249	198.867	0.382	4.000	199.169	-2.00	4.079	199.050	-150.00
-4.358	199.612	-150.00	-4.000	200.149	-2.00	1522+0.000	200.229	199.838	0.391	4.000	200.149	-2.00	4.064	200.052	-150.00
-4.343	200.592	-150.00	-4.000	201.106	-2.00	1523+0.000	201.186	200.753	0.433	4.000	201.106	-2.00	4.115	200.934	-150.00
-4.340	201.338	-150.00	-4.000	201.848	-2.00	1524+0.000	201.928	201.547	0.382	4.000	201.848	-2.00	4.071	201.742	-150.00
-4.232	201.951	-150.00	-4.000	202.299	-2.00	1525+0.000	202.379	202.130	0.250	4.000	202.299	-2.00			
-4.295	202.297	-150.00	-4.000	202.740	-2.00	1526+0.000	202.820	202.435	0.385	4.000	202.740	-2.00	4.070	202.635	-150.00
-4.247	202.617	-150.00	-4.000	202.988	-2.00	1527+0.000	203.068	202.787	0.281	4.000	202.988	-2.00	4.053	202.909	-150.00
-4.328	202.736	-150.00	-4.000	203.228	-2.00	1528+0.000	203.308	202.910	0.397	4.000	203.228	-2.00	4.102	203.075	-150.00
-4.331	202.821	-150.00	-4.000	203.318	-2.00	1529+0.000	203.398	202.987	0.410	4.000	203.318	-2.00	4.111	203.150	-150.00
-4.322	202.846	-150.00	-4.000	203.328	-2.00	1530+0.000	203.408	203.011	0.397	4.000	203.328	-2.00	4.101	203.176	-150.00
-4.330	202.962	-150.00	-4.000	203.458	-2.00	1531+0.000	203.538	203.138	0.399	4.000	203.458	-2.00	4.101	203.306	-150.00

Osvaldo Leôncio da Silv[illegible]ho
Diretor da Unidade de Pro[illegible]s
Projetos e Obras - DU[illegible]
Secretaria das Cidades [illegible]cid

-4.342	203.198	-150.00	-4.000	203.710	-2.00	1532+0.000	203.790	203.414	0.376	4.000	203.710	-2.00	4.085	203.584	-150.00
-4.352	203.435	-150.00	-4.000	203.963	-2.00	1533+0.000	204.043	203.647	0.396	4.000	203.963	-2.00	4.081	203.841	-150.00
-4.353	203.748	-150.00	-4.000	204.278	-2.00	1534+0.000	204.358	203.955	0.403	4.000	204.278	-2.00	4.086	204.149	-150.00
-4.341	204.178	-150.00	-4.000	204.689	-2.00	1535+0.000	204.769	204.361	0.408	4.000	204.689	-2.00	4.103	204.534	-150.00
-4.348	204.598	-150.00	-4.000	205.120	-2.00	1536+0.000	205.200	204.790	0.409	4.000	205.120	-2.00	4.099	204.971	-150.00
-4.385	204.818	-150.00	-4.000	205.395	-2.00	1537+0.000	205.475	205.058	0.417	4.000	205.395	-2.00	4.076	205.281	-150.00
-4.346	204.876	-150.00	-4.000	205.395	-2.00	1538+0.000	205.475	205.104	0.371	4.000	205.395	-2.00	4.071	205.288	-150.00
-4.329	205.027	-150.00	-4.000	205.520	-2.00	1539+0.000	205.600	205.236	0.364	4.000	205.520	-2.00	4.118	205.343	-150.00
-4.342	205.219	-150.00	-4.000	205.731	-2.00	1540+0.000	205.811	205.430	0.381	4.000	205.731	-2.00	4.069	205.628	-150.00
-4.342	205.680	-150.00	-4.000	206.193	-2.00	1541+0.000	206.273	205.850	0.423	4.000	206.193	-2.00	4.110	206.028	-150.00
-4.336	206.279	-150.00	-4.000	206.783	-2.00	1542+0.000	206.863	206.476	0.387	4.000	206.783	-2.00	4.088	206.651	-150.00
-4.355	207.018	-150.00	-4.000	207.551	-2.00	1543+0.000	207.631	207.217	0.413	4.000	207.551	-2.00	4.097	207.405	-150.00
-4.331	208.034	-150.00	-4.000	208.531	-2.00	1544+0.000	208.611	208.192	0.419	4.000	208.531	-2.00	4.157	208.295	-150.00
-4.299	208.646	-150.00	-4.000	209.094	-2.00	1545+0.000	209.174	208.816	0.357	4.000	209.094	-2.00	4.077	208.978	-150.00
-4.263	209.236	-150.00	-4.000	209.630	-2.00	1546+0.000	209.710	209.374	0.336	4.000	209.630	-2.00	4.082	209.507	-150.00
-4.317	209.684	-150.00	-4.000	210.160	-2.00	1547+0.000	210.240	209.832	0.408	4.000	210.160	-2.00	4.124	209.974	-150.00
-4.288	209.992	-150.00	-4.000	210.424	-2.00	1548+0.000	210.504	210.124	0.380	4.000	210.424	-2.00	4.115	210.251	-150.00
-4.227	210.143	-150.00	-4.000	210.484	-2.00	1549+0.000	210.564	210.284	0.280	4.000	210.484	-2.00	4.044	210.418	-150.00
-4.200	210.244	-150.00	-4.000	210.543	-2.00	1550+0.000	210.623	210.363	0.261	4.000	210.543	-2.00	4.044	210.477	-150.00
-4.202	210.300	-150.00	-4.000	210.603	-2.00	1551+0.000	210.683	210.453	0.230	4.000	210.603	-2.00	4.025	210.565	-150.00
-4.211	210.345	-150.00	-4.000	210.662	-2.00	1552+0.000	210.742	210.452	0.290	4.000	210.662	-2.00	4.071	210.556	-150.00
-4.267	210.312	-150.00	-4.000	210.713	-2.00	1553+0.000	210.793	210.420	0.374	4.000	210.713	-2.00	4.126	210.524	-150.00
-4.279	210.382	-150.00	-4.000	210.800	-2.00	1554+0.000	210.880	210.506	0.374	4.000	210.800	-2.00	4.127	210.610	-150.00
-4.304	210.516	-150.00	-4.000	210.971	-2.00	1555+0.000	211.051	210.626	0.425	4.000	210.971	-2.00	4.159	210.732	-150.00
-4.283	210.717	-150.00	-4.000	211.142	-2.00	1556+0.000	211.222	210.802	0.421	4.000	211.142	-2.00	4.172	210.885	-150.00
-4.287	210.974	-150.00	-4.000	211.404	-2.00	1557+0.000	211.484	211.081	0.403	4.000	211.404	-2.00	4.146	211.185	-150.00
-4.308	211.462	-150.00	-4.000	211.925	-2.00	1558+0.000	212.005	211.573	0.432	4.000	211.925	-2.00	4.163	211.680	-150.00
-4.322	211.967	-150.00	-4.000	212.451	-2.00	1559+0.000	212.531	212.079	0.452	4.000	212.451	-2.00	4.174	212.190	-150.00
-4.327	212.487	-150.00	-4.000	212.977	-2.00	1560+0.000	213.057	212.624	0.433	4.000	212.977	-2.00	4.162	212.734	-150.00
-4.326	213.012	-150.00	-4.000	213.502	-2.00	1561+0.000	213.582	213.164	0.418	4.000	213.502	-2.00	4.148	213.280	-150.00
-4.331	213.406	-150.00	-4.000	213.902	-2.00	1562+0.000	213.982	213.559	0.423	4.000	213.902	-2.00	4.132	213.705	-150.00
-4.325	213.798	-150.00	-4.000	214.286	-2.00	1563+0.000	214.366	213.955	0.411	4.000	214.286	-2.00	4.123	214.102	-150.00
-4.404	213.735	-150.00	-4.000	214.341	-2.00	1564+0.000	214.421	213.961	0.459	4.000	214.341	-2.00	4.112	214.173	-150.00
-4.431	213.649	-150.00	-4.000	214.296	-2.00	1565+0.000	214.376	213.878	0.498	4.000	214.296	-2.00	4.136	214.091	-150.00
-4.429	213.608	-150.00	-4.000	214.251	-2.00	1566+0.000	214.331	213.829	0.502	4.000	214.251	-2.00	4.143	214.037	-150.00
-4.402	213.604	-150.00	-4.000	214.207	-2.00	1567+0.000	214.287	213.828	0.459	4.000	214.207	-2.00	4.113	214.038	-150.00
-4.380	213.592	-150.00	-4.000	214.162	-2.00	1568+0.000	214.242	213.840	0.402	4.000	214.162	-2.00	4.062	214.069	-150.00
-4.375	213.597	-150.00	-4.000	214.159	-2.00	1569+0.000	214.239	213.847	0.392	4.000	214.159	-2.00	4.054	214.079	-150.00
-4.387	213.747	-150.00	-4.000	214.326	-2.00	1570+0.000	214.406	214.011	0.395	4.000	214.326	-2.00	4.047	214.255	-150.00
-4.386	213.915	-150.00	-4.000	214.494	-2.00	1571+0.000	214.574	214.206	0.368	4.000	214.494	-2.00	4.015	214.472	-150.00
-4.411	214.044	-150.00	-4.000	214.661	-2.00	1572+0.000	214.741	214.371	0.370	4.000	214.661	-2.00	4.010	214.667	66.67
-4.411	214.154	-150.00	-4.000	214.771	-2.00	1573+0.000	214.851	214.460	0.390	4.000	214.771	-2.00	4.067	214.670	-150.00
-4.349	213.879	-150.00	-4.000	214.402	-2.00	1574+0.000	214.482	214.083	0.399	4.000	214.402	-2.00	4.085	214.275	-150.00
-4.331	213.452	-150.00	-4.000	213.948	-2.00	1575+0.000	214.028	213.639	0.389	4.000	213.948	-2.00	4.088	213.816	-150.00
-4.280	213.143	-150.00	-4.000	213.564	-2.00	1576+0.000	213.644	213.255	0.389	4.000	213.564	-2.00	4.133	213.364	-150.00
-4.279	212.846	-150.00	-4.000	213.265	-2.00	1577+0.000	213.345	212.955	0.389	4.000	213.265	-2.00	4.136	213.061	-150.00
-4.276	212.503	-150.00	-4.000	212.917	-2.00	1578+0.000	212.997	212.605	0.392	4.000	212.917	-2.00	4.143	212.702	-150.00
-4.274	212.095	-150.00	-4.000	212.506	-2.00	1579+0.000	212.586	212.196	0.390	4.000	212.506	-2.00	4.141	212.294	-150.00
-4.200	211.607	-150.00	-4.000	211.908	-2.00	1580+0.000	211.988	211.678	0.309	4.000	211.908	-2.00	4.107	211.748	-150.00
-4.237	210.751	-150.00	-4.000	211.107	-2.00	1581+0.000	211.187	210.829	0.358	4.000	211.107	-2.00	4.129	210.914	-150.00
-4.256	209.920	-150.00	-4.000	210.304	-2.00	1582+0.000	210.384	210.006	0.378	4.000	210.304	-2.00	4.143	210.090	-150.00
-4.236	209.041	-150.00	-4.000	209.394	-2.00	1583+0.000	209.474	209.075	0.400	4.000	209.394	-2.00	4.191	209.108	-150.00
-4.211	208.149	-150.00	-4.000	208.465	-2.00	1584+0.000	208.545	208.162	0.384	4.000	208.465	-2.00	4.185	208.188	-150.00
-4.154	207.383	-150.00	-4.000	207.614	-2.00	1585+0.000	207.694	207.322	0.373	4.000	207.614	-2.00	4.199	207.315	-150.00
-4.202	206.619	-150.00	-4.000	206.922	-2.00	1586+0.000	207.002	206.640	0.363	4.000	206.922	-2.00	4.175	206.660	-150.00
-4.207	205.924	-150.00	-4.000	206.234	-2.00	1587+0.000	206.314	205.950	0.363	4.000	206.234	-2.00	4.171	205.977	-150.00
-4.277	205.215	-150.00	-4.000	205.631	-2.00	1588+0.000	205.711	205.331	0.380	4.000	205.631	-2.00	4.126	205.443	-150.00
-4.284	204.892	-150.00	-4.000	205.318	-2.00	1589+0.000	205.398	205.013	0.385	4.000	205.318	-2.00	4.126	205.129	-150.00
-4.299	204.710	-150.00	-4.000	205.158	-2.00	1590+0.000	205.238	204.841	0.397	4.000	205.158	-2.00	4.128	204.967	-150.00
-4.290	204.749	-150.00	-4.000	205.185	-2.00	1591+0.000	205.265	204.875	0.390	4.000	205.185	-2.00	4.189	204.902	-150.00
-4.218	204.676	-150.00	-4.000	205.003	-2.00	1592+0.000	205.083	204.630	0.454	4.000	205.003	-2.00	4.309	204.540	-150.00
-4.153	204.435	-150.00	-4.000	204.665	-2.00	1593+0.000	204.745	204.317	0.428	4.000	204.665	-2.00	4.300	204.215	-150.00
-4.134	203.819	-150.00	-4.000	204.021	-2.00	1594+0.000	204.101	203.652	0.449	4.000	204.021	-2.00	4.363	203.476	-150.00
-4.116	202.793	-150.00	-4.000	202.967	-2.00	1595+0.000	203.047	202.667	0.380	4.000	202.967	-2.00	4.338	202.461	-150.00
-4.135	201.433	-150.00	-4.000	201.635	-2.00	1596+0.000	201.715	201.326	0.389	4.000	201.635	-2.00	4.280	201.216	-150.00
-4.086	200.222	-150.00	-4.000	200.351	-2.00	1597+0.000	200.431	200.056	0.376	4.000	200.351	-2.00	4.314	199.881	-150.00
-4.071	199.217	-150.00	-4.000	199.323	-2.00	1598+0.000	199.403	199.050	0.353	4.000	199.323	-2.00	4.302	198.870	-150.00
-4.077	198.233	-150.00	-4.000	198.349	-2.00	1599+0.000	198.429	198.141	0.289	4.000	198.349	-2.00	4.210	198.034	-150.00
-4.211	197.063	-150.00	-4.000	197.379	-2.00	1600+0.000	197.459	197.089	0.370	4.000	197.379	-2.00	4.176	197.115	-150.00
-4.208	196.435	-150.00	-4.000	196.746	-2.00	1601+0.000	196.826	196.444	0.383	4.000	196.746	-2.00	4.196	196.452	-150.00
-4.227	195.834	-150.00	-4.000	196.175	-2.00	1602+0.000	196.255	195.845	0.410	4.000	196.175	-2.00	4.206	195.866	-150.00
-4.195	195.311	-150.00	-4.000	195.603	-2.00	1603+0.000	195.683	195.297	0.386	4.000	195.603	-2.00	4.213	195.283	-150.00
-4.238	194.674	-150.00	-4.000	195.031	-2.00	1604+0.000	195.111	194.697	0.414	4.000	195.031	-2.00	4.210	194.717	-150.00
-4.200	194.159	-150.00	-4.000	194.460	-2.00	1605+0.000	194.540	194.151	0.389	4.000	194.460	-2.00	4.221	194.128	-150.00
-4.208	193.628	-150.00	-4.000	193.940	-2.00	1606+0.000	194.020	193.683	0.337	4.000	193.940	-2.00	4.136	193.736	-150.00
-4.263	193.028	-150.00	-4.000	193.422	-2.00	1607+0.000	193.502	193.086	0.416	4.000	193.422	-2.00	4.186	193.143	-150.00
-4.299	192.763	-150.00	-4.000	193.212	-2.00	1608+0.000	193.292	192.805	0.487	4.000	193.212	-2.00	4.244	192.847	-150.00
-4.232	192.897	-150.00	-4.000	193.245	-2.00	1609+0.000	193.325	192.926	0.399	4.000	193.245	-2.00	4.190	192.960	-150.00
-4.201	193.167	-150.00	-4.000	193.468	-2.00	1610+0.000	193.548	193.153	0.395	4.000	193.468	-2.00	4.220	193.139	-150.00
-4.170	193.563	-150.00	-4.000	193.818	-2.00	1611+0.000	193.898	193.541	0.357	4.000	193.818	-2.00	4.199	193.519	-150.00
-4.212	193.896	-150.00	-4.000	194.215	-2.00	1612+0.000	194.295	193.827	0.468	4.000	194.215	-2.00	4.294	193.773	-150.00

Osvaldo Leôncio da S... Filho
Diretor da Unidade de P... as
Projetos e Obras - I... D
Secretaria ... Cidade ...

-4.207	194.532	-150.00	-4.000	194.842	-2.00	1613+0.000	194.922	194.500	0.423	4.000	194.842	-2.00	4.249	194.469	-150.00
-4.249	195.329	-150.00	-4.000	195.702	-2.00	1614+0.000	195.782	195.338	0.444	4.000	195.702	-2.00	4.236	195.349	-150.00
-4.262	196.376	-150.00	-4.000	196.769	-2.00	1615+0.000	196.849	196.423	0.426	4.000	196.769	-2.00	4.200	196.469	-150.00
-4.296	197.599	-150.00	-4.000	198.044	-2.00	1616+0.000	198.124	197.693	0.431	4.000	198.044	-2.00	4.153	197.814	-150.00
-4.333	198.949	-150.00	-4.000	199.448	-2.00	1617+0.000	199.528	199.075	0.454	4.000	199.448	-2.00	4.168	199.196	-150.00
-4.278	200.123	-150.00	-4.000	200.540	-2.00	1618+0.000	200.620	200.287	0.333	4.000	200.540	-2.00	4.065	200.443	-150.00
-4.313	201.163	-150.00	-4.000	201.631	-2.00	1619+0.000	201.711	201.321	0.390	4.000	201.631	-2.00	4.106	201.472	-150.00
-4.288	202.089	-150.00	-4.000	202.521	-2.00	1620+0.000	202.601	202.284	0.317	4.000	202.521	-2.00	4.036	202.468	-150.00
-4.412	202.727	-150.00	-4.000	203.344	-2.00	1621+0.000	203.424	202.935	0.489	4.000	203.344	-2.00	4.098	203.197	-150.00
-4.434	203.174	-150.00	-4.000	203.826	-2.00	1622+0.000	203.906	203.517	0.388	4.000	203.826	-2.00			
-4.414	203.464	-150.00	-4.000	204.085	-2.00	1623+0.000	204.165	203.817	0.349	4.000	204.085	-2.00	4.068	204.131	66.67
-4.468	203.643	-150.00	-4.000	204.345	-2.00	1624+0.000	204.425	204.007	0.418	4.000	204.345	-2.00	4.020	204.315	-150.00
-4.532	203.691	-150.00	-4.000	204.490	-2.00	1625+0.000	204.570	204.160	0.410	4.000	204.490	-2.00	4.072	204.538	66.67
-4.526	203.739	-150.00	-4.000	204.529	-2.00	1626+0.000	204.609	204.211	0.398	4.000	204.529	-2.00	4.096	204.592	66.67
-4.529	203.598	-150.00	-4.000	204.391	-2.00	1627+0.000	204.471	204.074	0.397	4.000	204.391	-2.00	4.098	204.457	66.67
-4.498	203.325	-150.00	-4.000	204.072	-2.00	1628+0.000	204.152	203.784	0.368	4.000	204.072	-2.00	4.170	204.185	66.67
-4.424	203.022	-150.00	-4.000	203.658	-2.00	1629+0.000	203.738	203.413	0.326	4.000	203.658	-2.00	4.185	203.781	66.67
-4.464	202.552	-150.00	-4.000	203.248	-2.00	1630+0.000	203.328	202.942	0.386	4.000	203.248	-2.00	4.088	203.307	66.67
-4.429	202.382	-150.00	-4.000	203.026	-2.00	1631+0.000	203.106	202.717	0.389	4.000	203.026	-2.00	4.015	203.004	-150.00
-4.420	202.086	-150.00	-4.000	202.716	-2.00	1632+0.000	202.796	202.403	0.393	4.000	202.716	-2.00	4.017	202.690	-150.00
-4.454	201.986	-150.00	-4.000	202.667	-2.00	1633+0.000	202.747	202.292	0.455	4.000	202.667	-2.00	4.063	202.572	-150.00
-4.449	202.001	-150.00	-4.000	202.675	-2.00	1634+0.000	202.755	202.307	0.447	4.000	202.675	-2.00	4.067	202.574	-150.00
-4.439	202.074	-150.00	-4.000	202.733	-2.00	1635+0.000	202.813	202.355	0.458	4.000	202.733	-2.00	4.080	202.613	-150.00
-4.447	202.154	-150.00	-4.000	202.825	-2.00	1636+0.000	202.905	202.434	0.471	4.000	202.825	-2.00	4.089	202.692	-150.00
-4.402	202.315	-150.00	-4.000	202.917	-2.00	1637+0.000	202.997	202.589	0.408	4.000	202.917	-2.00	4.050	202.841	-150.00
-4.422	202.554	-150.00	-4.000	203.188	-2.00	1638+0.000	203.268	202.852	0.416	4.000	203.188	-2.00	4.043	203.124	-150.00
-4.416	202.905	-150.00	-4.000	203.529	-2.00	1639+0.000	203.609	203.199	0.410	4.000	203.529	-2.00	4.041	203.468	-150.00
-4.425	203.170	-150.00	-4.000	203.807	-2.00	1640+0.000	203.887	203.485	0.402	4.000	203.807	-2.00	4.023	203.773	-150.00
-4.350	203.389	-150.00	-4.000	203.914	-2.00	1641+0.000	203.994	203.686	0.308	4.000	203.914	-2.00	4.093	203.976	66.67
-4.261	203.614	-150.00	-4.000	204.005	-2.00	1642+0.000	204.085	203.859	0.226	4.000	204.005	-2.00	4.137	204.097	66.67
-4.292	203.660	-150.00	-4.000	204.097	-2.00	1643+0.000	204.177	203.908	0.269	4.000	204.097	-2.00	4.067	204.142	66.67
-4.379	203.616	-150.00	-4.000	204.185	-2.00	1644+0.000	204.265	203.870	0.395	4.000	204.185	-2.00	4.057	204.099	-150.00
-4.348	203.557	-150.00	-4.000	204.080	-2.00	1645+0.000	204.160	203.760	0.400	4.000	204.080	-2.00	4.094	203.939	-150.00
-4.338	203.362	-150.00	-4.000	203.869	-2.00	1646+0.000	203.949	203.556	0.393	4.000	203.869	-2.00	4.087	203.739	-150.00
-4.339	202.914	-150.00	-4.000	203.423	-2.00	1647+0.000	203.503	203.108	0.395	4.000	203.423	-2.00	4.090	203.289	-150.00
-4.319	202.274	-150.00	-4.000	202.753	-2.00	1648+0.000	202.833	202.497	0.336	4.000	202.753	-2.00	4.043	202.689	-150.00
-4.332	201.466	-150.00	-4.000	201.965	-2.00	1649+0.000	202.045	201.689	0.356	4.000	201.965	-2.00	4.045	201.897	-150.00
-4.362	200.634	-150.00	-4.000	201.176	-2.00	1650+0.000	201.256	200.883	0.373	4.000	201.176	-2.00	4.041	201.114	-150.00
-4.433	200.074	-150.00	-4.000	200.722	-2.00	1651+0.000	200.802	200.309	0.493	4.000	200.722	-2.00	4.130	200.528	-150.00
-4.565	199.534	-150.00	-4.000	200.381	-2.00	1652+0.000	200.461	199.887	0.574	4.000	200.381	-2.00	4.117	200.205	-150.00
-4.537	199.293	-150.00	-4.000	200.099	-2.00	1653+0.000	200.179	199.643	0.536	4.000	200.099	-2.00	4.093	199.959	-150.00
-4.435	199.166	-150.00	-4.000	199.819	-2.00	1654+0.000	199.899	199.504	0.395	4.000	199.819	-2.00	4.010	199.804	-150.00
-4.461	199.001	-150.00	-4.000	199.692	-2.00	1655+0.000	199.772	199.335	0.437	4.000	199.692	-2.00	4.036	199.638	-150.00
-4.456	198.881	-150.00	-4.000	199.565	-2.00	1656+0.000	199.645	199.199	0.446	4.000	199.565	-2.00	4.052	199.488	-150.00
-4.362	198.895	-150.00	-4.000	199.438	-2.00	1657+0.000	199.518	199.150	0.368	4.000	199.438	-2.00	4.026	199.399	-150.00
-4.374	198.750	-150.00	-4.000	199.311	-2.00	1658+0.000	199.391	199.013	0.378	4.000	199.311	-2.00	4.028	199.270	-150.00
-4.357	198.748	-150.00	-4.000	199.283	-2.00	1659+0.000	199.363	198.966	0.396	4.000	199.283	-2.00	4.074	199.171	-150.00
-4.389	198.761	-150.00	-4.000	199.344	-2.00	1660+0.000	199.424	198.996	0.429	4.000	199.344	-2.00	4.087	199.214	-150.00
-4.482	198.575	-150.00	-4.000	199.298	-2.00	1661+0.000	199.378	198.797	0.582	4.000	199.298	-2.00	4.197	199.004	-150.00
-4.472	198.545	-150.00	-4.000	199.253	-2.00	1662+0.000	199.333	198.769	0.564	4.000	199.253	-2.00	4.183	198.978	-150.00
-4.465	198.509	-150.00	-4.000	199.207	-2.00	1663+0.000	199.287	198.745	0.542	4.000	199.207	-2.00	4.163	198.963	-150.00
-4.427	198.520	-150.00	-4.000	199.161	-2.00	1664+0.000	199.241	198.776	0.465	4.000	199.161	-2.00	4.098	199.014	-150.00
-4.369	198.551	-150.00	-4.000	199.105	-2.00	1665+0.000	199.185	198.799	0.386	4.000	199.105	-2.00	4.051	199.029	-150.00
-4.289	198.513	-150.00	-4.000	198.946	-2.00	1666+0.000	199.026	198.738	0.288	4.000	198.946	-2.00			
-4.278	198.368	-150.00	-4.000	198.786	-2.00	1667+0.000	198.866	198.587	0.278	4.000	198.786	-2.00			
-4.353	198.097	-150.00	-4.000	198.626	-2.00	1668+0.000	198.706	198.295	0.410	4.000	198.626	-2.00	4.096	198.482	-150.00
-4.337	197.961	-150.00	-4.000	198.466	-2.00	1669+0.000	198.546	198.159	0.387	4.000	198.466	-2.00	4.087	198.336	-150.00
-4.344	197.904	-150.00	-4.000	198.420	-2.00	1670+0.000	198.500	198.101	0.399	4.000	198.420	-2.00	4.089	198.286	-150.00
-4.343	197.974	-150.00	-4.000	198.488	-2.00	1671+0.000	198.568	198.167	0.401	4.000	198.488	-2.00	4.087	198.358	-150.00
-4.347	198.174	-150.00	-4.000	198.694	-2.00	1672+0.000	198.774	198.373	0.400	4.000	198.694	-2.00	4.080	198.574	-150.00
-4.311	198.517	-150.00	-4.000	198.984	-2.00	1673+0.000	199.064	198.682	0.382	4.000	198.984	-2.00	4.091	198.847	-150.00
-4.359	198.815	-150.00	-4.000	199.354	-2.00	1674+0.000	199.434	198.991	0.444	4.000	199.354	-2.00	4.132	199.157	-150.00
-4.425	199.087	-150.00	-4.000	199.724	-2.00	1675+0.000	199.804	199.234	0.570	4.000	199.724	-2.00	4.214	199.404	-150.00
-4.312	199.607	-150.00	-4.000	200.075	-2.00	1676+0.000	200.155	199.710	0.445	4.000	200.075	-2.00	4.176	199.810	-150.00
-4.324	199.669	-150.00	-4.000	200.155	-2.00	1677+0.000	200.235	199.829	0.406	4.000	200.155	-2.00	4.150	199.930	-150.00
-4.358	199.508	-150.00	-4.000	200.045	-2.00	1678+0.000	200.125	199.699	0.426	4.000	200.045	-2.00	4.111	199.878	-150.00
-4.347	199.455	-150.00	-4.000	199.975	-2.00	1679+0.000	200.055	199.646	0.409	4.000	199.975	-2.00	4.098	199.828	-150.00
-4.351	199.636	-150.00	-4.000	200.163	-2.00	1680+0.000	200.243	199.853	0.389	4.000	200.163	-2.00	4.086	200.034	-150.00
-4.339	199.727	-150.00	-4.000	200.236	-2.00	1681+0.000	200.316	199.945	0.371	4.000	200.236	-2.00	4.058	200.149	-150.00
-4.272	199.813	-150.00	-4.000	200.221	-2.00	1682+0.000	200.301	200.017	0.284	4.000	200.221	-2.00	4.008	200.208	-150.00
-4.293	199.766	-150.00	-4.000	200.205	-2.00	1683+0.000	200.285	199.957	0.329	4.000	200.205	-2.00	4.038	200.149	-150.00
-4.331	199.694	-150.00	-4.000	200.190	-2.00	1684+0.000	200.270	199.885	0.385	4.000	200.190	-2.00	4.083	200.065	-150.00
-4.350	199.372	-150.00	-4.000	199.897	-2.00	1685+0.000	199.977	199.502	0.475	4.000	199.897	-2.00	4.180	199.627	-150.00
-4.265	199.161	-150.00	-4.000	199.559	-2.00	1686+0.000	199.639	199.240	0.400	4.000	199.559	-2.00	4.163	199.314	-150.00
-4.292	198.783	-150.00	-4.000	199.222	-2.00	1687+0.000	199.302	198.859	0.443	4.000	199.222	-2.00	4.192	198.933	-150.00
-4.260	198.493	-150.00	-4.000	198.882	-2.00	1688+0.000	198.962	198.551	0.411	4.000	198.882	-2.00	4.182	198.608	-150.00
-4.209	197.940	-150.00	-4.000	198.253	-2.00	1689+0.000	198.333	197.951	0.382	4.000	198.253	-2.00	4.182	197.980	-150.00
-4.154	197.430	-150.00	-4.000	197.661	-2.00	1690+0.000	197.741	197.420	0.321	4.000	197.661	-2.00	4.168	197.410	-150.00
-4.173	196.810	-150.00	-4.000	197.069	-2.00	1691+0.000	197.149	196.786	0.363	4.000	197.069	-2.00	4.209	196.755	-150.00
-4.181	196.205	-150.00	-4.000	196.477	-2.00	1692+0.000	196.557	196.181	0.375	4.000	196.477	-2.00	4.211	196.161	-150.00
-4.199	195.606	-150.00	-4.000	195.904	-2.00	1693+0.000	195.984	195.592	0.392	4.000	195.904	-2.00	4.217	195.578	-150.00

Osvaldo Leôncio da S... Filho
Diretor da Unidade de P... s
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-4.201	195.172	-150.00	-4.000	195.473	-2.00	1694+0.000	195.553	195.173	0.380	4.000	195.473	-2.00	4.199	195.174	-150.00
-4.216	194.856	-150.00	-4.000	195.180	-2.00	1695+0.000	195.260	194.863	0.397	4.000	195.180	-2.00	4.205	194.873	-150.00
-4.300	194.660	-150.00	-4.000	195.110	-2.00	1696+0.000	195.190	194.688	0.502	4.000	195.110	-2.00	4.267	194.710	-150.00
-4.241	194.679	-150.00	-4.000	195.040	-2.00	1697+0.000	195.120	194.716	0.404	4.000	195.040	-2.00	4.191	194.753	-150.00
-4.250	194.772	-150.00	-4.000	195.147	-2.00	1698+0.000	195.227	194.831	0.395	4.000	195.147	-2.00	4.171	194.890	-150.00
-4.273	194.982	-150.00	-4.000	195.392	-2.00	1699+0.000	195.472	195.064	0.408	4.000	195.392	-2.00	4.165	195.144	-150.00
-4.299	195.278	-150.00	-4.000	195.727	-2.00	1700+0.000	195.807	195.383	0.424	4.000	195.727	-2.00	4.154	195.495	-150.00
-4.297	195.764	-150.00	-4.000	196.209	-2.00	1701+0.000	196.289	195.869	0.420	4.000	196.209	-2.00	4.158	195.972	-150.00
-4.297	196.260	-150.00	-4.000	196.706	-2.00	1702+0.000	196.786	196.373	0.413	4.000	196.706	-2.00	4.149	196.483	-150.00
-4.270	196.766	-150.00	-4.000	197.170	-2.00	1703+0.000	197.250	196.857	0.394	4.000	197.170	-2.00	4.150	196.945	-150.00
-4.288	197.120	-150.00	-4.000	197.552	-2.00	1704+0.000	197.632	197.219	0.413	4.000	197.552	-2.00	4.158	197.314	-150.00
-4.280	197.256	-150.00	-4.000	197.676	-2.00	1705+0.000	197.756	197.351	0.405	4.000	197.676	-2.00	4.155	197.444	-150.00
-4.267	197.294	-150.00	-4.000	197.694	-2.00	1706+0.000	197.774	197.389	0.386	4.000	197.694	-2.00	4.147	197.473	-150.00
-4.254	197.264	-150.00	-4.000	197.645	-2.00	1707+0.000	197.725	197.362	0.363	4.000	197.645	-2.00	4.129	197.451	-150.00
-4.266	197.196	-150.00	-4.000	197.596	-2.00	1708+0.000	197.676	197.288	0.387	4.000	197.596	-2.00	4.145	197.378	-150.00
-4.282	197.181	-150.00	-4.000	197.604	-2.00	1709+0.000	197.684	197.272	0.412	4.000	197.604	-2.00	4.162	197.361	-150.00
-4.283	197.265	-150.00	-4.000	197.689	-2.00	1710+0.000	197.769	197.379	0.390	4.000	197.689	-2.00	4.134	197.488	-150.00
-4.316	197.299	-150.00	-4.000	197.773	-2.00	1711+0.000	197.853	197.432	0.421	4.000	197.773	-2.00	4.142	197.560	-150.00
-4.313	197.361	-150.00	-4.000	197.831	-2.00	1712+0.000	197.911	197.500	0.411	4.000	197.831	-2.00	4.132	197.633	-150.00
-4.328	197.358	-150.00	-4.000	197.849	-2.00	1713+0.000	197.929	197.493	0.436	4.000	197.849	-2.00	4.150	197.624	-150.00
-4.307	197.407	-150.00	-4.000	197.867	-2.00	1714+0.000	197.947	197.539	0.408	4.000	197.867	-2.00	4.125	197.680	-150.00
-4.299	197.394	-150.00	-4.000	197.842	-2.00	1715+0.000	197.922	197.534	0.388	4.000	197.842	-2.00	4.112	197.673	-150.00
-4.227	197.292	-150.00	-4.000	197.633	-2.00	1716+0.000	197.713	197.435	0.278	4.000	197.633	-2.00	4.050	197.559	-150.00
-4.128	197.233	-150.00	-4.000	197.424	-2.00	1717+0.000	197.504	197.291	0.213	4.000	197.424	-2.00	4.051	197.348	-150.00
-4.060	197.125	-150.00	-4.000	197.216	-2.00	1718+0.000	197.296	197.198	0.098	4.000	197.216	-2.00	4.083	197.271	66.67
-4.177	196.742	-150.00	-4.000	197.007	-2.00	1719+0.000	197.087	196.837	0.250	4.000	197.007	-2.00	4.051	196.930	-150.00
-4.243	196.434	-150.00	-4.000	196.798	-2.00	1720+0.000	196.878	196.521	0.357	4.000	196.798	-2.00	4.117	196.623	-150.00
-4.308	196.128	-150.00	-4.000	196.590	-2.00	1721+0.000	196.670	196.242	0.428	4.000	196.590	-2.00	4.158	196.352	-150.00
-4.382	195.930	-150.00	-4.000	196.503	-2.00	1722+0.000	196.583	196.086	0.498	4.000	196.503	-2.00	4.179	196.234	-150.00
-4.380	195.905	-150.00	-4.000	196.475	-2.00	1723+0.000	196.555	196.069	0.486	4.000	196.475	-2.00	4.167	196.224	-150.00
-4.275	196.054	-150.00	-4.000	196.466	-2.00	1724+0.000	196.546	196.153	0.393	4.000	196.466	-2.00	4.145	196.249	-150.00
-4.293	196.442	-150.00	-4.000	196.881	-2.00	1725+0.000	196.961	196.554	0.407	4.000	196.881	-2.00	4.172	196.624	-150.00
-4.268	196.733	-150.00	-4.000	197.135	-2.00	1726+0.000	197.215	196.788	0.427	4.000	197.135	-2.00	4.195	196.843	-150.00
-4.241	196.994	-150.00	-4.000	197.355	-2.00	1727+0.000	197.435	197.031	0.404	4.000	197.355	-2.00	4.199	197.058	-150.00
-4.242	197.094	-150.00	-4.000	197.458	-2.00	1728+0.000	197.538	197.137	0.400	4.000	197.458	-2.00	4.197	197.163	-150.00
-4.264	197.225	-150.00	-4.000	197.622	-2.00	1729+0.000	197.702	197.310	0.391	4.000	197.622	-2.00	4.153	197.392	-150.00
-4.269	197.452	-150.00	-4.000	197.855	-2.00	1730+0.000	197.935	197.537	0.398	4.000	197.855	-2.00	4.153	197.625	-150.00
-4.247	197.712	-150.00	-4.000	198.082	-2.00	1731+0.000	198.162	197.804	0.358	4.000	198.082	-2.00	4.130	197.888	-150.00
-4.221	197.979	-150.00	-4.000	198.310	-2.00	1732+0.000	198.390	197.996	0.395	4.000	198.310	-2.00	4.158	198.073	-150.00
-4.161	198.079	-150.00	-4.000	198.320	-2.00	1733+0.000	198.400	198.097	0.303	4.000	198.320	-2.00	4.136	198.116	-150.00
-4.185	198.039	-150.00	-4.000	198.316	-2.00	1734+0.000	198.396	197.995	0.401	4.000	198.316	-2.00	4.243	197.951	-150.00
-4.184	197.941	-150.00	-4.000	198.217	-2.00	1735+0.000	198.297	197.898	0.399	4.000	198.217	-2.00	4.242	197.854	-150.00
-4.188	197.758	-150.00	-4.000	198.040	-2.00	1736+0.000	198.120	197.717	0.403	4.000	198.040	-2.00	4.263	197.646	-150.00
-4.218	197.536	-150.00	-4.000	197.863	-2.00	1737+0.000	197.943	197.461	0.483	4.000	197.863	-2.00	4.320	197.383	-150.00
-4.221	197.355	-150.00	-4.000	197.686	-2.00	1738+0.000	197.766	197.320	0.446	4.000	197.686	-2.00	4.267	197.285	-150.00
-4.221	197.178	-150.00	-4.000	197.509	-2.00	1739+0.000	197.589	197.235	0.354	4.000	197.509	-2.00	4.200	197.208	-150.00
-4.225	196.953	-150.00	-4.000	197.291	-2.00	1740+0.000	197.371	197.008	0.363	4.000	197.291	-2.00	4.163	197.046	-150.00
-4.168	196.753	-150.00	-4.000	197.005	-2.00	1741+0.000	197.085	196.764	0.321	4.000	197.005	-2.00	4.148	196.783	-150.00
-4.265	196.226	-150.00	-4.000	196.623	-2.00	1742+0.000	196.703	196.323	0.380	4.000	196.623	-2.00	4.137	196.418	-150.00
-4.269	195.839	-150.00	-4.000	196.242	-2.00	1743+0.000	196.322	195.972	0.350	4.000	196.242	-2.00	4.105	196.084	-150.00
-4.268	195.459	-150.00	-4.000	195.861	-2.00	1744+0.000	195.941	195.581	0.361	4.000	195.861	-2.00	4.134	195.660	-150.00
-4.263	195.152	-150.00	-4.000	195.546	-2.00	1745+0.000	195.626	195.275	0.351	4.000	195.546	-2.00	4.103	195.392	-150.00
-4.273	194.856	-150.00	-4.000	195.265	-2.00	1746+0.000	195.345	194.981	0.365	4.000	195.265	-2.00	4.110	195.100	-150.00
-4.279	194.659	-150.00	-4.000	195.078	-2.00	1747+0.000	195.158	194.749	0.409	4.000	195.078	-2.00	4.161	194.836	-150.00
-4.337	194.448	-150.00	-4.000	194.953	-2.00	1748+0.000	195.033	194.532	0.501	4.000	194.953	-2.00	4.226	194.614	-150.00
-4.298	194.381	-150.00	-4.000	194.828	-2.00	1749+0.000	194.908	194.458	0.449	4.000	194.828	-2.00	4.202	194.525	-150.00
-4.256	194.372	-150.00	-4.000	194.756	-2.00	1750+0.000	194.836	194.414	0.422	4.000	194.756	-2.00	4.200	194.457	-150.00
-4.233	194.499	-150.00	-4.000	194.849	-2.00	1751+0.000	194.929	194.580	0.349	4.000	194.849	-2.00	4.152	194.621	-150.00
-4.235	194.497	-150.00	-4.000	194.850	-2.00	1752+0.000	194.930	194.551	0.379	4.000	194.850	-2.00	4.166	194.602	-150.00
-4.236	194.528	-150.00	-4.000	194.883	-2.00	1753+0.000	194.963	194.586	0.377	4.000	194.883	-2.00	4.173	194.623	-150.00
-4.226	194.655	-150.00	-4.000	194.993	-2.00	1754+0.000	195.073	194.690	0.384	4.000	194.993	-2.00	4.179	194.724	-150.00
-4.233	194.755	-150.00	-4.000	195.104	-2.00	1755+0.000	195.184	194.785	0.399	4.000	195.104	-2.00	4.192	194.816	-150.00
-4.193	194.988	-150.00	-4.000	195.278	-2.00	1756+0.000	195.358	194.969	0.389	4.000	195.278	-2.00	4.218	194.951	-150.00
-4.195	195.153	-150.00	-4.000	195.445	-2.00	1757+0.000	195.525	195.125	0.400	4.000	195.445	-2.00	4.234	195.094	-150.00
-4.186	195.249	-150.00	-4.000	195.528	-2.00	1758+0.000	195.608	195.224	0.384	4.000	195.528	-2.00	4.220	195.198	-150.00
-4.186	195.079	-150.00	-4.000	195.358	-2.00	1759+0.000	195.438	195.034	0.404	4.000	195.358	-2.00	4.247	194.988	-150.00
-4.193	194.957	-150.00	-4.000	195.247	-2.00	1760+0.000	195.327	194.935	0.392	4.000	195.247	-2.00	4.177	194.982	-150.00
-4.174	195.041	-150.00	-4.000	195.302	-2.00	1761+0.000	195.382	195.073	0.309	4.000	195.302	-2.00	4.128	195.109	-150.00
-4.213	195.079	-150.00	-4.000	195.398	-2.00	1762+0.000	195.478	195.112	0.366	4.000	195.398	-2.00	4.169	195.145	-150.00
-4.250	195.154	-150.00	-4.000	195.530	-2.00	1763+0.000	195.610	195.207	0.403	4.000	195.530	-2.00	4.184	195.254	-150.00
-4.314	195.378	-150.00	-4.000	195.850	-2.00	1764+0.000	195.930	195.435	0.495	4.000	195.850	-2.00	4.241	195.488	-150.00
-4.318	195.699	-150.00	-4.000	196.176	-2.00	1765+0.000	196.256	195.727	0.529	4.000	196.176	-2.00	4.281	195.755	-150.00
-4.255	196.151	-150.00	-4.000	196.535	-2.00	1766+0.000	196.615	196.206	0.409	4.000	196.535	-2.00	4.183	196.260	-150.00
-4.222	196.851	-150.00	-4.000	197.183	-2.00	1767+0.000	197.263	196.918	0.345	4.000	197.183	-2.00	4.133	196.984	-150.00
-4.228	197.504	-150.00	-4.000	197.845	-2.00	1768+0.000	197.925	197.568	0.358	4.000	197.845	-2.00	4.148	197.623	-150.00
-4.241	198.145	-150.00	-4.000	198.507	-2.00	1769+0.000	198.587	198.179	0.408	4.000	198.507	-2.00	4.196	198.213	-150.00
-4.208	198.678	-150.00	-4.000	198.990	-2.00	1770+0.000	199.070	198.711	0.359	4.000	198.990	-2.00	4.164	198.744	-150.00
-4.245	198.962	-150.00	-4.000	199.330	-2.00	1771+0.000	199.410	199.016	0.394	4.000	199.330	-2.00	4.148	199.107	-150.00
-4.312	199.390	-150.00	-4.000	199.857	-2.00	1772+0.000	199.937	199.515	0.423	4.000	199.857	-2.00	4.146	199.638	-150.00
-4.318	199.933	-150.00	-4.000	200.410	-2.00	1773+0.000	200.490	200.072	0.418	4.000	200.410	-2.00	4.145	200.193	-150.00
-4.337	200.433	-150.00	-4.000	200.939	-2.00	1774+0.000	201.019	200.603	0.415	4.000	200.939	-2.00	4.126	200.751	-150.00

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

-4.367	200.849	-150.00	-4.000	201.399	-2.00	1775+0.000	201.479	201.020	0.458	4.000	201.399	-2.00	4.144	201.183	-150.00
-4.257	201.473	-150.00	-4.000	201.859	-2.00	1776+0.000	201.939	201.671	0.268	4.000	201.859	-2.00			
-4.228	201.977	-150.00	-4.000	202.319	-2.00	1777+0.000	202.399	202.187	0.212	4.000	202.319	-2.00	4.107	202.390	66.67
-4.235	202.426	-150.00	-4.000	202.779	-2.00	1778+0.000	202.859	202.711	0.148	4.000	202.779	-2.00	4.336	203.003	66.67
-4.393	202.649	-150.00	-4.000	203.239	-2.00	1779+0.000	203.319	202.938	0.381	4.000	203.239	-2.00	4.024	203.203	-150.00
-4.410	202.591	-150.00	-4.000	203.206	-2.00	1780+0.000	203.286	202.875	0.412	4.000	203.206	-2.00	4.048	203.134	-150.00
-4.398	202.432	-150.00	-4.000	203.029	-2.00	1781+0.000	203.109	202.715	0.394	4.000	203.029	-2.00	4.036	202.975	-150.00
-4.416	202.218	-150.00	-4.000	202.842	-2.00	1782+0.000	202.922	202.533	0.389	4.000	202.842	-2.00	4.047	202.771	-150.00
-4.471	201.712	-150.00	-4.000	202.418	-2.00	1783+0.000	202.498	201.987	0.511	4.000	202.418	-2.00	4.114	202.246	-150.00
-4.411	201.365	-150.00	-4.000	201.981	-2.00	1784+0.000	202.061	201.627	0.434	4.000	201.981	-2.00	4.065	201.883	-150.00
-4.406	200.912	-150.00	-4.000	201.521	-2.00	1785+0.000	201.601	201.209	0.391	4.000	201.521	-2.00	4.026	201.482	-150.00
-4.389	200.411	-150.00	-4.000	200.994	-2.00	1786+0.000	201.074	200.691	0.383	4.000	200.994	-2.00	4.031	200.948	-150.00
-4.389	199.762	-150.00	-4.000	200.345	-2.00	1787+0.000	200.425	200.036	0.389	4.000	200.345	-2.00	4.038	200.288	-150.00
-4.359	199.060	-150.00	-4.000	199.599	-2.00	1788+0.000	199.679	199.314	0.364	4.000	199.599	-2.00	4.033	199.550	-150.00
-4.386	198.187	-150.00	-4.000	198.766	-2.00	1789+0.000	198.846	198.435	0.411	4.000	198.766	-2.00	4.105	198.609	-150.00
-4.321	197.453	-150.00	-4.000	197.934	-2.00	1790+0.000	198.014	197.605	0.409	4.000	197.934	-2.00	4.082	197.811	-150.00
-4.344	196.815	-150.00	-4.000	197.331	-2.00	1791+0.000	197.411	196.946	0.465	4.000	197.331	-2.00	4.160	197.091	-150.00
-4.316	196.369	-150.00	-4.000	196.843	-2.00	1792+0.000	196.923	196.483	0.441	4.000	196.843	-2.00	4.157	196.608	-150.00
-4.252	196.051	-150.00	-4.000	196.430	-2.00	1793+0.000	196.510	196.132	0.378	4.000	196.430	-2.00	4.146	196.211	-150.00
-4.250	195.722	-150.00	-4.000	196.097	-2.00	1794+0.000	196.177	195.786	0.390	4.000	196.097	-2.00	4.164	195.851	-150.00
-4.253	195.436	-150.00	-4.000	195.816	-2.00	1795+0.000	195.896	195.504	0.392	4.000	195.816	-2.00	4.164	195.571	-150.00
-4.217	195.157	-150.00	-4.000	195.482	-2.00	1796+0.000	195.562	195.168	0.394	4.000	195.482	-2.00	4.211	195.166	-150.00
-4.187	194.742	-150.00	-4.000	195.022	-2.00	1797+0.000	195.102	194.713	0.389	4.000	195.022	-2.00	4.226	194.683	-150.00
-4.188	194.347	-150.00	-4.000	194.630	-2.00	1798+0.000	194.710	194.323	0.387	4.000	194.630	-2.00	4.222	194.298	-150.00
-4.211	194.088	-150.00	-4.000	194.405	-2.00	1799+0.000	194.485	194.057	0.428	4.000	194.405	-2.00	4.254	194.024	-150.00
-4.242	193.847	-150.00	-4.000	194.210	-2.00	1800+0.000	194.290	193.840	0.450	4.000	194.210	-2.00	4.251	193.833	-150.00
-4.232	193.666	-150.00	-4.000	194.015	-2.00	1801+0.000	194.095	193.673	0.422	4.000	194.015	-2.00	4.223	193.680	-150.00
-4.222	193.487	-150.00	-4.000	193.820	-2.00	1802+0.000	193.900	193.492	0.408	4.000	193.820	-2.00	4.209	193.506	-150.00
-4.270	193.220	-150.00	-4.000	193.625	-2.00	1803+0.000	193.705	193.295	0.410	4.000	193.625	-2.00	4.172	193.368	-150.00
-4.271	193.024	-150.00	-4.000	193.430	-2.00	1804+0.000	193.510	193.112	0.398	4.000	193.430	-2.00	4.160	193.190	-150.00
-4.273	192.829	-150.00	-4.000	193.239	-2.00	1805+0.000	193.319	192.928	0.391	4.000	193.239	-2.00	4.121	193.057	-150.00
-4.324	192.854	-150.00	-4.000	193.341	-2.00	1806+0.000	193.421	193.041	0.379	4.000	193.341	-2.00	4.082	193.217	-150.00
-4.327	193.011	-150.00	-4.000	193.502	-2.00	1807+0.000	193.582	193.189	0.393	4.000	193.502	-2.00	4.096	193.357	-150.00
-4.353	193.283	-150.00	-4.000	193.812	-2.00	1808+0.000	193.892	193.426	0.465	4.000	193.812	-2.00	4.158	193.575	-150.00
-4.340	193.789	-150.00	-4.000	194.300	-2.00	1809+0.000	194.380	193.942	0.437	4.000	194.300	-2.00	4.141	194.088	-150.00
-4.275	194.195	-150.00	-4.000	194.607	-2.00	1810+0.000	194.687	194.253	0.434	4.000	194.607	-2.00	4.197	194.311	-150.00
-4.303	194.187	-150.00	-4.000	194.642	-2.00	1811+0.000	194.722	194.262	0.460	4.000	194.642	-2.00	4.205	194.334	-150.00
-4.197	194.038	-150.00	-4.000	194.333	-2.00	1812+0.000	194.413	194.018	0.396	4.000	194.333	-2.00	4.224	193.998	-150.00
-4.264	193.346	-150.00	-4.000	193.742	-2.00	1813+0.000	193.822	193.429	0.393	4.000	193.742	-2.00	4.187	193.461	-150.00
-4.252	192.628	-150.00	-4.000	193.006	-2.00	1814+0.000	193.086	192.692	0.393	4.000	193.006	-2.00	4.183	192.731	-150.00
-4.254	191.806	-150.00	-4.000	192.187	-2.00	1815+0.000	192.267	191.887	0.380	4.000	192.187	-2.00	4.158	191.949	-150.00
-4.253	191.200	-150.00	-4.000	191.580	-2.00	1816+0.000	191.660	191.300	0.360	4.000	191.580	-2.00	4.127	191.390	-150.00
-4.268	190.818	-150.00	-4.000	191.221	-2.00	1817+0.000	191.301	190.867	0.434	4.000	191.221	-2.00	4.204	190.916	-150.00
-4.264	190.770	-150.00	-4.000	191.166	-2.00	1818+0.000	191.246	190.826	0.420	4.000	191.166	-2.00	4.191	190.881	-150.00
-4.212	190.957	-150.00	-4.000	191.274	-2.00	1819+0.000	191.354	190.961	0.394	4.000	191.274	-2.00	4.225	190.937	-150.00
-4.224	191.213	-150.00	-4.000	191.549	-2.00	1820+0.000	191.629	191.240	0.389	4.000	191.549	-2.00	4.188	191.267	-150.00
-4.211	191.914	-150.00	-4.000	192.231	-2.00	1821+0.000	192.311	191.924	0.387	4.000	192.231	-2.00	4.198	191.934	-150.00
-4.272	192.701	-150.00	-4.000	193.108	-2.00	1822+0.000	193.188	192.779	0.410	4.000	193.108	-2.00	4.169	192.855	-150.00
-4.271	193.963	-150.00	-4.000	194.369	-2.00	1823+0.000	194.449	194.080	0.369	4.000	194.369	-2.00	4.124	194.183	-150.00
-4.343	195.116	-150.00	-4.000	195.630	-2.00	1824+0.000	195.710	195.281	0.429	4.000	195.630	-2.00	4.129	195.437	-150.00
-4.354	196.308	-150.00	-4.000	196.838	-2.00	1825+0.000	196.918	196.498	0.420	4.000	196.838	-2.00	4.107	196.677	-150.00
-4.374	197.336	-150.00	-4.000	197.897	-2.00	1826+0.000	197.977	197.527	0.450	4.000	197.897	-2.00	4.139	197.688	-150.00
-4.382	198.153	-150.00	-4.000	198.726	-2.00	1827+0.000	198.806	198.379	0.427	4.000	198.726	-2.00	4.110	198.561	-150.00
-4.345	198.836	-150.00	-4.000	199.355	-2.00	1828+0.000	199.435	199.022	0.412	4.000	199.355	-2.00	4.104	199.198	-150.00
-4.318	199.155	-150.00	-4.000	199.632	-2.00	1829+0.000	199.712	199.375	0.337	4.000	199.632	-2.00	4.034	199.581	-150.00
-4.315	199.332	-150.00	-4.000	199.805	-2.00	1830+0.000	199.885	199.563	0.322	4.000	199.805	-2.00	4.018	199.778	-150.00
-4.364	199.412	-150.00	-4.000	199.957	-2.00	1831+0.000	200.037	199.637	0.401	4.000	199.957	-2.00	4.074	199.847	-150.00
-4.350	199.365	-150.00	-4.000	199.890	-2.00	1832+0.000	199.970	199.580	0.390	4.000	199.890	-2.00	4.072	199.782	-150.00
-4.243	199.206	-150.00	-4.000	199.570	-2.00	1833+0.000	199.650	199.415	0.235	4.000	199.570	-2.00	4.049	199.603	66.67
-4.254	198.809	-150.00	-4.000	199.189	-2.00	1834+0.000	199.269	198.977	0.292	4.000	199.189	-2.00	4.039	199.131	-150.00
-4.272	198.401	-150.00	-4.000	198.808	-2.00	1835+0.000	198.888	198.553	0.335	4.000	198.808	-2.00	4.122	198.626	-150.00
-4.269	197.973	-150.00	-4.000	198.377	-2.00	1836+0.000	198.457	198.066	0.391	4.000	198.377	-2.00	4.151	198.151	-150.00
-4.302	197.237	-150.00	-4.000	197.691	-2.00	1837+0.000	197.771	197.377	0.393	4.000	197.691	-2.00	4.119	197.512	-150.00
-4.288	196.675	-150.00	-4.000	197.106	-2.00	1838+0.000	197.186	196.799	0.387	4.000	197.106	-2.00	4.125	196.919	-150.00
-4.293	196.327	-150.00	-4.000	196.767	-2.00	1839+0.000	196.847	196.463	0.383	4.000	196.767	-2.00	4.119	196.588	-150.00
-4.297	196.262	-150.00	-4.000	196.707	-2.00	1840+0.000	196.787	196.401	0.386	4.000	196.707	-2.00	4.115	196.535	-150.00
-4.288	196.324	-150.00	-4.000	196.756	-2.00	1841+0.000	196.836	196.446	0.390	4.000	196.756	-2.00	4.128	196.563	-150.00
-4.311	196.627	-150.00	-4.000	197.094	-2.00	1842+0.000	197.174	196.789	0.385	4.000	197.094	-2.00	4.100	196.944	-150.00
-4.326	197.007	-150.00	-4.000	197.496	-2.00	1843+0.000	197.576	197.179	0.397	4.000	197.496	-2.00	4.093	197.356	-150.00
-4.216	197.429	-150.00	-4.000	197.753	-2.00	1844+0.000	197.833	197.650	0.183	4.000	197.753	-2.00	4.174	197.868	66.67
-4.389	197.422	-150.00	-4.000	198.005	-2.00	1845+0.000	198.085	197.665	0.420	4.000	198.005	-2.00	4.076	197.891	-150.00
-4.404	197.064	-150.00	-4.000	197.670	-2.00	1846+0.000	197.750	197.334	0.415	4.000	197.670	-2.00	4.058	197.582	-150.00
-4.373	196.318	-150.00	-4.000	196.877	-2.00	1847+0.000	196.957	196.573	0.384	4.000	196.877	-2.00	4.047	196.806	-150.00
-4.352	195.418	-150.00	-4.000	195.946	-2.00	1848+0.000	196.026	195.662	0.363	4.000	195.946	-2.00	4.045	195.879	-150.00
-4.310	194.592	-150.00	-4.000	195.056	-2.00	1849+0.000	195.136	194.781	0.356	4.000	195.056	-2.00	4.065	194.959	-150.00
-4.290	193.841	-150.00	-4.000	194.277	-2.00	1850+0.000	194.357	194.013	0.343	4.000	194.277	-2.00	4.087	194.146	-150.00
-4.312	193.762	-150.00	-4.000	194.231	-2.00	1851+0.000	194.311	193.943	0.368	4.000	194.231	-2.00	4.096	194.087	-150.00
-4.316	194.006	-150.00	-4.000	194.480	-2.00	1852+0.000	194.560	194.214	0.346	4.000	194.480	-2.00	4.040	194.419	-150.00
-4.304	194.514	-150.00	-4.000	194.970	-2.00	1853+0.000	195.050	194.749	0.301	4.000	194.970	-2.00			
-4.377	194.881	-150.00	-4.000	195.446	-2.00	1854+0.000	195.526	195.137	0.388	4.000	195.446	-2.00	4.047	195.376	-150.00
-4.327	195.404	-150.00	-4.000	195.894	-2.00	1855+0.000	195.974	195.658	0.317	4.000	195.894	-2.00	4.007	195.884	-150.00

Osvaldo Leôncio da S[illegible]lho
Diretor da Unidade de P[illegible]as
Projetos e Obras - [illegible]O
Secretaria das Cidades, [illegible]

-4.378	195.776	-150.00	-4.000	196.343	-2.00	1856+0.000	196.423	196.059	0.363	4.000	196.343	-2.00	4.034	196.291	-150.00
-4.353	196.100	-150.00	-4.000	196.630	-2.00	1857+0.000	196.710	196.359	0.351	4.000	196.630	-2.00	4.021	196.597	-150.00
-4.271	196.263	-150.00	-4.000	196.669	-2.00	1858+0.000	196.749	196.519	0.230	4.000	196.669	-2.00	4.148	196.768	66.67
-4.357	196.173	-150.00	-4.000	196.709	-2.00	1859+0.000	196.789	196.376	0.413	4.000	196.709	-2.00	4.084	196.582	-150.00
-4.344	196.023	-150.00	-4.000	196.540	-2.00	1860+0.000	196.620	196.193	0.426	4.000	196.540	-2.00	4.123	196.355	-150.00
-4.342	195.298	-150.00	-4.000	195.811	-2.00	1861+0.000	195.891	195.465	0.426	4.000	195.811	-2.00	4.125	195.624	-150.00
-4.360	194.541	-150.00	-4.000	195.081	-2.00	1862+0.000	195.161	194.682	0.479	4.000	195.081	-2.00	4.176	194.817	-150.00
-4.383	193.778	-150.00	-4.000	194.352	-2.00	1863+0.000	194.432	193.953	0.479	4.000	194.352	-2.00	4.155	194.120	-150.00
-4.336	193.118	-150.00	-4.000	193.623	-2.00	1864+0.000	193.703	193.269	0.434	4.000	193.623	-2.00	4.140	193.412	-150.00
-4.311	192.601	-150.00	-4.000	193.068	-2.00	1865+0.000	193.148	192.760	0.388	4.000	193.068	-2.00	4.105	192.911	-150.00
-4.295	192.166	-150.00	-4.000	192.608	-2.00	1866+0.000	192.688	192.299	0.389	4.000	192.608	-2.00	4.120	192.427	-150.00
-4.209	191.754	-150.00	-4.000	192.067	-2.00	1867+0.000	192.147	191.828	0.320	4.000	192.067	-2.00	4.112	191.900	-150.00
-4.294	191.227	-150.00	-4.000	191.667	-2.00	1868+0.000	191.747	191.225	0.523	4.000	191.667	-2.00	4.293	191.228	-150.00
-4.236	191.202	-150.00	-4.000	191.557	-2.00	1869+0.000	191.637	191.213	0.424	4.000	191.557	-2.00	4.228	191.215	-150.00
-4.285	191.305	-150.00	-4.000	191.732	-2.00	1870+0.000	191.812	191.329	0.483	4.000	191.732	-2.00	4.253	191.354	-150.00
-4.345	191.676	-150.00	-4.000	192.193	-2.00	1871+0.000	192.273	191.692	0.581	4.000	192.193	-2.00	4.323	191.709	-150.00
-4.346	192.376	-150.00	-4.000	192.896	-2.00	1872+0.000	192.976	192.381	0.595	4.000	192.896	-2.00	4.340	192.385	-150.00
-4.305	193.168	-150.00	-4.000	193.626	-2.00	1873+0.000	193.706	193.171	0.535	4.000	193.626	-2.00	4.302	193.173	-150.00
-4.226	194.061	-150.00	-4.000	194.400	-2.00	1874+0.000	194.480	194.065	0.415	4.000	194.400	-2.00	4.221	194.069	-150.00
-4.245	195.037	-150.00	-4.000	195.405	-2.00	1875+0.000	195.485	195.022	0.463	4.000	195.405	-2.00	4.263	195.011	-150.00
-4.233	196.113	-150.00	-4.000	196.462	-2.00	1876+0.000	196.542	196.068	0.474	4.000	196.462	-2.00	4.292	196.023	-150.00
-4.199	197.220	-150.00	-4.000	197.518	-2.00	1877+0.000	197.598	197.152	0.446	4.000	197.518	-2.00	4.291	197.082	-150.00
-4.186	198.233	-150.00	-4.000	198.512	-2.00	1878+0.000	198.592	198.170	0.422	4.000	198.512	-2.00	4.274	198.101	-150.00
-4.166	199.113	-150.00	-4.000	199.362	-2.00	1879+0.000	199.442	199.021	0.421	4.000	199.362	-2.00	4.290	198.927	-150.00
-4.161	199.780	-150.00	-4.000	200.022	-2.00	1880+0.000	200.102	199.710	0.392	4.000	200.022	-2.00	4.260	199.632	-150.00
-4.158	200.362	-150.00	-4.000	200.600	-2.00	1881+0.000	200.680	200.282	0.397	4.000	200.600	-2.00	4.266	200.200	-150.00
-4.165	200.930	-150.00	-4.000	201.178	-2.00	1882+0.000	201.258	200.851	0.407	4.000	201.178	-2.00	4.272	200.769	-150.00
-4.213	201.565	-150.00	-4.000	201.886	-2.00	1883+0.000	201.966	201.558	0.407	4.000	201.886	-2.00	4.223	201.551	-150.00
-4.256	202.285	-150.00	-4.000	202.669	-2.00	1884+0.000	202.749	202.312	0.437	4.000	202.669	-2.00	4.220	202.340	-150.00
-4.293	203.013	-150.00	-4.000	203.452	-2.00	1885+0.000	203.532	203.090	0.442	4.000	203.452	-2.00	4.191	203.166	-150.00
-4.332	203.695	-150.00	-4.000	204.193	-2.00	1886+0.000	204.273	203.862	0.412	4.000	204.193	-2.00	4.116	204.020	-150.00
-4.330	204.214	-150.00	-4.000	204.709	-2.00	1887+0.000	204.789	204.380	0.409	4.000	204.709	-2.00	4.114	204.538	-150.00
-4.336	204.648	-150.00	-4.000	205.152	-2.00	1888+0.000	205.232	204.811	0.421	4.000	205.152	-2.00	4.122	204.969	-150.00
-4.311	204.984	-150.00	-4.000	205.450	-2.00	1889+0.000	205.530	205.132	0.398	4.000	205.450	-2.00	4.118	205.274	-150.00
-4.328	205.129	-150.00	-4.000	205.621	-2.00	1890+0.000	205.701	205.287	0.414	4.000	205.621	-2.00	4.123	205.437	-150.00
-4.294	204.956	-150.00	-4.000	205.397	-2.00	1891+0.000	205.477	205.089	0.389	4.000	205.397	-2.00	4.125	205.210	-150.00
-4.294	204.605	-150.00	-4.000	205.046	-2.00	1892+0.000	205.126	204.737	0.388	4.000	205.046	-2.00	4.136	204.842	-150.00
-4.258	204.074	-150.00	-4.000	204.461	-2.00	1893+0.000	204.541	204.161	0.380	4.000	204.461	-2.00	4.144	204.245	-150.00
-4.255	203.483	-150.00	-4.000	203.865	-2.00	1894+0.000	203.945	203.566	0.380	4.000	203.865	-2.00	4.146	203.646	-150.00
-4.265	202.876	-150.00	-4.000	203.273	-2.00	1895+0.000	203.353	202.954	0.399	4.000	203.273	-2.00	4.162	203.030	-150.00
-4.279	202.485	-150.00	-4.000	202.904	-2.00	1896+0.000	202.984	202.603	0.381	4.000	202.904	-2.00	4.124	202.717	-150.00
-4.247	202.201	-150.00	-4.000	202.572	-2.00	1897+0.000	202.652	202.277	0.375	4.000	202.572	-2.00	4.146	202.352	-150.00
-4.237	201.781	-150.00	-4.000	202.137	-2.00	1898+0.000	202.217	201.832	0.385	4.000	202.137	-2.00	4.170	201.882	-150.00
-4.177	201.240	-150.00	-4.000	201.505	-2.00	1899+0.000	201.585	201.269	0.316	4.000	201.505	-2.00	4.138	201.298	-150.00
-4.154	200.621	-150.00	-4.000	200.851	-2.00	1900+0.000	200.931	200.614	0.317	4.000	200.851	-2.00	4.162	200.608	-150.00
-4.081	200.076	-150.00	-4.000	200.197	-2.00	1901+0.000	200.277	200.004	0.273	4.000	200.197	-2.00	4.175	199.934	-150.00
-4.131	199.316	-150.00	-4.000	199.511	-2.00	1902+0.000	199.591	199.218	0.373	4.000	199.511	-2.00	4.262	199.118	-150.00
-4.194	198.121	-150.00	-4.000	198.412	-2.00	1903+0.000	198.492	198.091	0.402	4.000	198.412	-2.00	4.235	198.060	-150.00
-4.283	196.675	-150.00	-4.000	197.099	-2.00	1904+0.000	197.179	196.705	0.473	4.000	197.099	-2.00	4.242	196.736	-150.00
-4.259	195.308	-150.00	-4.000	195.696	-2.00	1905+0.000	195.776	195.341	0.435	4.000	195.696	-2.00	4.176	195.432	-150.00
-4.260	194.072	-150.00	-4.000	194.462	-2.00	1906+0.000	194.542	194.167	0.375	4.000	194.462	-2.00	4.099	194.314	-150.00
-4.277	193.496	-150.00	-4.000	193.912	-2.00	1907+0.000	193.992	193.611	0.381	4.000	193.912	-2.00	4.116	193.738	-150.00
-4.262	193.070	-150.00	-4.000	193.463	-2.00	1908+0.000	193.543	193.159	0.384	4.000	193.463	-2.00	4.145	193.246	-150.00
-4.253	192.778	-150.00	-4.000	193.157	-2.00	1909+0.000	193.237	192.865	0.372	4.000	193.157	-2.00	4.137	192.951	-150.00
-4.238	192.495	-150.00	-4.000	192.852	-2.00	1910+0.000	192.932	192.569	0.363	4.000	192.852	-2.00	4.141	192.641	-150.00
-4.264	192.175	-150.00	-4.000	192.571	-2.00	1911+0.000	192.651	192.256	0.396	4.000	192.571	-2.00	4.152	192.344	-150.00
-4.283	192.076	-150.00	-4.000	192.501	-2.00	1912+0.000	192.581	192.184	0.397	4.000	192.501	-2.00	4.140	192.291	-150.00
-4.284	192.143	-150.00	-4.000	192.569	-2.00	1913+0.000	192.649	192.254	0.395	4.000	192.569	-2.00	4.148	192.347	-150.00
-4.288	192.266	-150.00	-4.000	192.699	-2.00	1914+0.000	192.779	192.392	0.387	4.000	192.699	-2.00	4.139	192.491	-150.00
-4.309	192.502	-150.00	-4.000	192.966	-2.00	1915+0.000	193.046	192.666	0.379	4.000	192.966	-2.00	4.095	192.822	-150.00
-4.353	192.789	-150.00	-4.000	193.319	-2.00	1916+0.000	193.399	192.965	0.434	4.000	193.319	-2.00	4.127	193.130	-150.00
-4.411	193.057	-150.00	-4.000	193.673	-2.00	1917+0.000	193.753	193.248	0.505	4.000	193.673	-2.00	4.163	193.429	-150.00
-4.406	193.418	-150.00	-4.000	194.027	-2.00	1918+0.000	194.107	193.686	0.421	4.000	194.027	-2.00	4.062	193.933	-150.00
-4.475	193.807	-150.00	-4.000	194.519	-2.00	1919+0.000	194.599	194.111	0.488	4.000	194.519	-2.00	4.086	194.390	-150.00
-4.466	194.319	-150.00	-4.000	195.018	-2.00	1920+0.000	195.098	194.628	0.470	4.000	195.018	-2.00	4.073	194.909	-150.00
-4.483	194.791	-150.00	-4.000	195.516	-2.00	1921+0.000	195.596	195.113	0.483	4.000	195.516	-2.00	4.075	195.404	-150.00
-4.447	195.307	-150.00	-4.000	195.978	-2.00	1922+0.000	196.058	195.632	0.426	4.000	195.978	-2.00	4.033	195.928	-150.00
-4.397	195.788	-150.00	-4.000	196.385	-2.00	1923+0.000	196.465	196.102	0.362	4.000	196.385	-2.00			
-4.398	196.180	-150.00	-4.000	196.777	-2.00	1924+0.000	196.857	196.482	0.375	4.000	196.777	-2.00	4.013	196.757	-150.00
-4.375	196.606	-150.00	-4.000	197.169	-2.00	1925+0.000	197.249	196.872	0.377	4.000	197.169	-2.00	4.035	197.116	-150.00
-4.405	196.955	-150.00	-4.000	197.562	-2.00	1926+0.000	197.642	197.236	0.406	4.000	197.562	-2.00	4.045	197.494	-150.00
-4.417	197.497	-150.00	-4.000	198.122	-2.00	1927+0.000	198.202	197.745	0.457	4.000	198.122	-2.00	4.086	197.994	-150.00
-4.363	198.176	-150.00	-4.000	198.720	-2.00	1928+0.000	198.800	198.381	0.419	4.000	198.720	-2.00	4.064	198.625	-150.00
-4.508	198.481	-150.00	-4.000	199.243	-2.00	1929+0.000	199.323	198.731	0.592	4.000	199.243	-2.00	4.172	198.984	-150.00
-4.462	198.977	-150.00	-4.000	199.670	-2.00	1930+0.000	199.750	199.230	0.520	4.000	199.670	-2.00	4.139	199.463	-150.00
-4.395	199.181	-150.00	-4.000	199.773	-2.00	1931+0.000	199.853	199.474	0.380	4.000	199.773	-2.00	4.045	199.706	-150.00
-4.262	199.149	-150.00	-4.000	199.541	-2.00	1932+0.000	199.621	199.406	0.216	4.000	199.541	-2.00	4.174	199.657	66.67
-4.368	198.422	-150.00	-4.000	198.975	-2.00	1933+0.000	199.055	198.631	0.423	4.000	198.975	-2.00	4.098	198.827	-150.00
-4.507	197.313	-150.00	-4.000	198.073	-2.00	1934+0.000	198.153	197.576	0.577	4.000	198.073	-2.00	4.169	197.820	-150.00
-4.417	196.282	-150.00	-4.000	196.907	-2.00	1935+0.000	196.987	196.556	0.432	4.000	196.907	-2.00	4.085	196.780	-150.00
-4.291	195.284	-150.00	-4.000	195.721	-2.00	1936+0.000	195.801	195.429	0.372	4.000	195.721	-2.00	4.105	195.563	-150.00

Osvaldo Leôncio da Silv... o
Diretor da Unidade de Proj... s
Projetos e Obras - DU...
Secretaria das Cidades...

-4.250	194.299	-150.00	-4.000	194.674	-2.00	1937+0.000	194.754	194.496	0.257	4.000	194.674	-2.00			
-4.296	193.195	-150.00	-4.000	193.639	-2.00	1938+0.000	193.719	193.348	0.371	4.000	193.639	-2.00	4.096	193.495	-150.00
-4.247	192.401	-150.00	-4.000	192.771	-2.00	1939+0.000	192.851	192.489	0.362	4.000	192.771	-2.00	4.131	192.574	-150.00
-4.266	191.591	-150.00	-4.000	191.990	-2.00	1940+0.000	192.070	191.716	0.354	4.000	191.990	-2.00	4.118	191.814	-150.00
-4.346	190.915	-150.00	-4.000	191.434	-2.00	1941+0.000	191.514	191.098	0.416	4.000	191.434	-2.00	4.109	191.271	-150.00
-4.286	191.257	-150.00	-4.000	191.686	-2.00	1942+0.000	191.766	191.407	0.359	4.000	191.686	-2.00	4.090	191.550	-150.00
-4.315	191.686	-150.00	-4.000	192.158	-2.00	1943+0.000	192.238	191.836	0.402	4.000	192.158	-2.00	4.119	191.979	-150.00
-4.382	192.374	-150.00	-4.000	192.947	-2.00	1944+0.000	193.027	192.540	0.486	4.000	192.947	-2.00	4.165	192.699	-150.00
-4.366	193.210	-150.00	-4.000	193.759	-2.00	1945+0.000	193.839	193.369	0.470	4.000	193.759	-2.00	4.174	193.498	-150.00
-4.349	194.060	-150.00	-4.000	194.584	-2.00	1946+0.000	194.664	194.188	0.475	4.000	194.584	-2.00	4.180	194.314	-150.00
-4.276	195.155	-150.00	-4.000	195.569	-2.00	1947+0.000	195.649	195.249	0.400	4.000	195.569	-2.00	4.153	195.340	-150.00
-4.264	196.048	-150.00	-4.000	196.443	-2.00	1948+0.000	196.523	196.154	0.370	4.000	196.443	-2.00	4.124	196.257	-150.00
-4.244	196.838	-150.00	-4.000	197.204	-2.00	1949+0.000	197.284	196.941	0.343	4.000	197.204	-2.00	4.107	197.044	-150.00
-4.287	197.430	-150.00	-4.000	197.861	-2.00	1950+0.000	197.941	197.547	0.394	4.000	197.861	-2.00	4.129	197.668	-150.00
-4.351	197.856	-150.00	-4.000	198.382	-2.00	1951+0.000	198.462	198.055	0.407	4.000	198.382	-2.00	4.112	198.214	-150.00
-4.348	198.037	-150.00	-4.000	198.559	-2.00	1952+0.000	198.639	198.235	0.403	4.000	198.559	-2.00	4.091	198.422	-150.00
-4.366	198.037	-150.00	-4.000	198.586	-2.00	1953+0.000	198.666	198.267	0.399	4.000	198.586	-2.00	4.069	198.482	-150.00
-4.389	198.015	-150.00	-4.000	198.598	-2.00	1954+0.000	198.678	198.245	0.433	4.000	198.598	-2.00	4.092	198.461	-150.00
-4.380	198.040	-150.00	-4.000	198.610	-2.00	1955+0.000	198.690	198.261	0.430	4.000	198.610	-2.00	4.096	198.467	-150.00
-4.366	198.074	-150.00	-4.000	198.623	-2.00	1956+0.000	198.703	198.277	0.425	4.000	198.623	-2.00	4.095	198.481	-150.00
-4.358	198.166	-150.00	-4.000	198.703	-2.00	1957+0.000	198.783	198.368	0.415	4.000	198.703	-2.00	4.097	198.558	-150.00
-4.317	198.601	-150.00	-4.000	199.076	-2.00	1958+0.000	199.156	198.761	0.395	4.000	199.076	-2.00	4.108	198.913	-150.00
-4.299	198.998	-150.00	-4.000	199.446	-2.00	1959+0.000	199.526	199.158	0.368	4.000	199.446	-2.00	4.087	199.315	-150.00
-4.285	199.343	-150.00	-4.000	199.770	-2.00	1960+0.000	199.850	199.506	0.344	4.000	199.770	-2.00	4.073	199.660	-150.00
-4.255	199.711	-150.00	-4.000	200.094	-2.00	1961+0.000	200.174	199.852	0.322	4.000	200.094	-2.00	4.097	199.948	-150.00
-4.273	199.806	-150.00	-4.000	200.215	-2.00	1962+0.000	200.295	199.901	0.394	4.000	200.215	-2.00	4.147	199.994	-150.00
-4.281	199.760	-150.00	-4.000	200.181	-2.00	1963+0.000	200.261	199.848	0.413	4.000	200.181	-2.00	4.164	199.935	-150.00
-4.284	199.721	-150.00	-4.000	200.147	-2.00	1964+0.000	200.227	199.838	0.389	4.000	200.147	-2.00	4.148	199.926	-150.00
-4.334	199.666	-150.00	-4.000	200.167	-2.00	1965+0.000	200.247	199.881	0.366	4.000	200.167	-2.00	4.060	200.077	-150.00
-4.382	199.732	-150.00	-4.000	200.305	-2.00	1966+0.000	200.385	200.003	0.382	4.000	200.305	-2.00	4.035	200.252	-150.00
-4.487	199.926	-150.00	-4.000	200.656	-2.00	1967+0.000	200.736	200.202	0.533	4.000	200.656	-2.00	4.116	200.481	-150.00
-4.402	200.730	-150.00	-4.000	201.334	-2.00	1968+0.000	201.414	201.019	0.395	4.000	201.334	-2.00	4.034	201.283	-150.00
-4.474	201.742	-150.00	-4.000	202.453	-2.00	1969+0.000	202.533	202.100	0.433	4.000	202.453	-2.00	4.022	202.421	-150.00
-4.474	202.878	-150.00	-4.000	203.589	-2.00	1970+0.000	203.669	203.188	0.481	4.000	203.589	-2.00	4.079	203.471	-150.00
-4.355	204.265	-150.00	-4.000	204.798	-2.00	1971+0.000	204.878	204.507	0.371	4.000	204.798	-2.00	4.044	204.732	-150.00
-4.319	205.201	-150.00	-4.000	205.679	-2.00	1972+0.000	205.759	205.374	0.385	4.000	205.679	-2.00	4.094	205.538	-150.00
-4.349	205.942	-150.00	-4.000	206.466	-2.00	1973+0.000	206.546	206.137	0.409	4.000	206.466	-2.00	4.108	206.304	-150.00
-4.354	206.500	-150.00	-4.000	207.030	-2.00	1974+0.000	207.110	206.707	0.403	4.000	207.030	-2.00	4.092	206.892	-150.00
-4.352	206.959	-150.00	-4.000	207.487	-2.00	1975+0.000	207.567	207.138	0.429	4.000	207.487	-2.00	4.120	207.307	-150.00
-4.316	207.314	-150.00	-4.000	207.789	-2.00	1976+0.000	207.869	207.484	0.384	4.000	207.789	-2.00	4.095	207.646	-150.00
-4.329	207.442	-150.00	-4.000	207.936	-2.00	1977+0.000	208.016	207.599	0.417	4.000	207.936	-2.00	4.125	207.749	-150.00
-4.322	207.526	-150.00	-4.000	208.009	-2.00	1978+0.000	208.089	207.682	0.407	4.000	208.009	-2.00	4.119	207.831	-150.00
-4.344	207.567	-150.00	-4.000	208.082	-2.00	1979+0.000	208.162	207.714	0.448	4.000	208.082	-2.00	4.151	207.856	-150.00
-4.325	207.668	-150.00	-4.000	208.155	-2.00	1980+0.000	208.235	207.822	0.414	4.000	208.155	-2.00	4.125	207.968	-150.00
-4.354	207.759	-150.00	-4.000	208.290	-2.00	1981+0.000	208.370	207.976	0.393	4.000	208.290	-2.00	4.101	208.139	-150.00
-4.366	207.969	-150.00	-4.000	208.518	-2.00	1982+0.000	208.598	208.187	0.411	4.000	208.518	-2.00	4.084	208.391	-150.00
-4.364	208.208	-150.00	-4.000	208.755	-2.00	1983+0.000	208.835	208.430	0.404	4.000	208.755	-2.00	4.072	208.647	-150.00
-4.382	208.490	-150.00	-4.000	209.063	-2.00	1984+0.000	209.143	208.729	0.414	4.000	209.063	-2.00	4.074	208.952	-150.00
-4.384	208.880	-150.00	-4.000	209.455	-2.00	1985+0.000	209.535	209.120	0.416	4.000	209.455	-2.00	4.077	209.339	-150.00
-4.476	208.971	-150.00	-4.000	209.685	-2.00	1986+0.000	209.765	209.317	0.448	4.000	209.685	-2.00	4.084	209.559	-150.00
-4.438	208.875	-150.00	-4.000	209.531	-2.00	1987+0.000	209.611	209.218	0.393	4.000	209.531	-2.00			
-4.408	208.738	-150.00	-4.000	209.350	-2.00	1988+0.000	209.430	209.062	0.369	4.000	209.350	-2.00	4.006	209.355	66.67
-4.402	208.524	-150.00	-4.000	209.127	-2.00	1989+0.000	209.207	208.836	0.372	4.000	209.127	-2.00	4.006	209.119	-150.00
-4.304	208.184	-150.00	-4.000	208.640	-2.00	1990+0.000	208.720	208.477	0.243	4.000	208.640	-2.00	4.154	208.743	66.67
-4.312	207.684	-150.00	-4.000	208.152	-2.00	1991+0.000	208.232	207.899	0.334	4.000	208.152	-2.00	4.038	208.095	-150.00
-4.356	207.101	-150.00	-4.000	207.636	-2.00	1992+0.000	207.716	207.323	0.393	4.000	207.636	-2.00	4.091	207.499	-150.00
-4.406	206.466	-150.00	-4.000	207.075	-2.00	1993+0.000	207.155	206.635	0.520	4.000	207.075	-2.00	4.186	206.796	-150.00
-4.450	205.839	-150.00	-4.000	206.515	-2.00	1994+0.000	206.595	206.024	0.571	4.000	206.515	-2.00	4.210	206.199	-150.00
-4.421	205.324	-150.00	-4.000	205.955	-2.00	1995+0.000	206.035	205.426	0.609	4.000	205.955	-2.00	4.287	205.525	-150.00
-4.346	204.876	-150.00	-4.000	205.394	-2.00	1996+0.000	205.474	204.955	0.520	4.000	205.394	-2.00	4.216	205.070	-150.00
-4.225	204.476	-150.00	-4.000	204.813	-2.00	1997+0.000	204.893	204.509	0.384	4.000	204.813	-2.00	4.181	204.541	-150.00
-4.197	203.819	-150.00	-4.000	204.114	-2.00	1998+0.000	204.194	203.863	0.331	4.000	204.114	-2.00	4.138	203.907	-150.00
-4.276	202.597	-150.00	-4.000	203.011	-2.00	1999+0.000	203.091	202.658	0.433	4.000	203.011	-2.00	4.142	202.798	-150.00
-4.355	201.479	-150.00	-4.000	202.012	-2.00	2000+0.000	202.092	201.662	0.430	4.000	202.012	-2.00	4.118	201.835	-150.00
-4.289	200.611	-150.00	-4.000	201.045	-2.00	2001+0.000	201.125	200.762	0.363	4.000	201.045	-2.00	4.093	200.905	-150.00
-4.336	199.651	-150.00	-4.000	200.154	-2.00	2002+0.000	200.234	199.843	0.392	4.000	200.154	-2.00	4.087	200.024	-150.00
-4.409	199.050	-150.00	-4.000	199.663	-2.00	2003+0.000	199.743	199.295	0.448	4.000	199.663	-2.00	4.086	199.534	-150.00
-4.493	198.676	-150.00	-4.000	199.415	-2.00	2004+0.000	199.495	198.944	0.550	4.000	199.415	-2.00	4.141	199.202	-150.00
-4.427	198.530	-150.00	-4.000	199.171	-2.00	2005+0.000	199.251	198.809	0.442	4.000	199.171	-2.00	4.071	199.065	-150.00
-4.360	198.388	-150.00	-4.000	198.928	-2.00	2006+0.000	199.008	198.593	0.416	4.000	198.928	-2.00	4.095	198.785	-150.00
-4.364	198.140	-150.00	-4.000	198.685	-2.00	2007+0.000	198.765	198.361	0.404	4.000	198.685	-2.00	4.078	198.567	-150.00
-4.366	197.893	-150.00	-4.000	198.442	-2.00	2008+0.000	198.522	198.117	0.405	4.000	198.442	-2.00	4.077	198.326	-150.00
-4.344	197.559	-150.00	-4.000	198.075	-2.00	2009+0.000	198.155	197.787	0.368	4.000	198.075	-2.00	4.051	197.999	-150.00
-4.293	197.098	-150.00	-4.000	197.537	-2.00	2010+0.000	197.617	197.325	0.292	4.000	197.537	-2.00			
-4.253	196.620	-150.00	-4.000	196.999	-2.00	2011+0.000	197.079	196.836	0.243	4.000	196.999	-2.00	4.077	197.051	66.67
-4.266	196.063	-150.00	-4.000	196.462	-2.00	2012+0.000	196.542	196.230	0.312	4.000	196.462	-2.00	4.049	196.388	-150.00
-4.316	195.450	-150.00	-4.000	195.924	-2.00	2013+0.000	196.004	195.619	0.385	4.000	195.924	-2.00	4.097	195.779	-150.00
-4.203	195.054	-150.00	-4.000	195.359	-2.00	2014+0.000	195.439	195.050	0.390	4.000	195.359	-2.00	4.209	195.045	-150.00
-4.131	194.601	-150.00	-4.000	194.797	-2.00	2015+0.000	194.877	194.494	0.382	4.000	194.797	-2.00	4.275	194.384	-150.00
-4.121	194.281	-150.00	-4.000	194.462	-2.00	2016+0.000	194.542	194.153	0.389	4.000	194.462	-2.00	4.264	194.066	-150.00
-4.143	194.029	-150.00	-4.000	194.242	-2.00	2017+0.000	194.322	193.935	0.387	4.000	194.242	-2.00	4.235	193.890	-150.00

Osvaldo Leôncio da Silv[illegible]
Diretor da Unidade de Prog[illegible]
Projetos e Obras - DUP[illegible]
Secretaria das Cidades (Sc[illegible]d)

-4.199	193.922	-150.00	-4.000	194.219	-2.00	2018+0.000	194.299	193.908	0.392	4.000	194.219	-2.00	4.237	193.863	-150.00
-4.260	194.050	-150.00	-4.000	194.440	-2.00	2019+0.000	194.520	194.047	0.473	4.000	194.440	-2.00	4.264	194.044	-150.00
-4.197	194.407	-150.00	-4.000	194.703	-2.00	2020+0.000	194.783	194.375	0.408	4.000	194.703	-2.00	4.232	194.356	-150.00
-4.208	194.966	-150.00	-4.000	195.278	-2.00	2021+0.000	195.358	194.995	0.363	4.000	195.278	-2.00	4.170	195.023	-150.00
-4.257	195.468	-150.00	-4.000	195.854	-2.00	2022+0.000	195.934	195.513	0.420	4.000	195.854	-2.00	4.197	195.558	-150.00
-4.251	195.801	-150.00	-4.000	196.178	-2.00	2023+0.000	196.258	195.851	0.407	4.000	196.178	-2.00	4.188	195.896	-150.00
-4.239	195.916	-150.00	-4.000	196.275	-2.00	2024+0.000	196.355	195.961	0.393	4.000	196.275	-2.00	4.179	196.006	-150.00
-4.249	195.498	-150.00	-4.000	195.872	-2.00	2025+0.000	195.952	195.542	0.410	4.000	195.872	-2.00	4.189	195.588	-150.00
-4.241	195.018	-150.00	-4.000	195.379	-2.00	2026+0.000	195.459	195.055	0.404	4.000	195.379	-2.00	4.199	195.081	-150.00
-4.298	194.367	-150.00	-4.000	194.814	-2.00	2027+0.000	194.894	194.393	0.501	4.000	194.814	-2.00	4.263	194.419	-150.00
-4.297	193.803	-150.00	-4.000	194.249	-2.00	2028+0.000	194.329	193.839	0.490	4.000	194.249	-2.00	4.250	193.874	-150.00
-4.253	193.314	-150.00	-4.000	193.694	-2.00	2029+0.000	193.774	193.357	0.417	4.000	193.694	-2.00	4.137	193.488	-150.00
-4.222	193.014	-150.00	-4.000	193.347	-2.00	2030+0.000	193.427	193.158	0.269	4.000	193.347	-2.00	4.038	193.290	-150.00
-4.279	192.588	-150.00	-4.000	193.007	-2.00	2031+0.000	193.087	192.706	0.381	4.000	193.007	-2.00	4.125	192.820	-150.00
-4.245	192.299	-150.00	-4.000	192.666	-2.00	2032+0.000	192.746	192.343	0.403	4.000	192.666	-2.00	4.143	192.452	-150.00
-4.207	191.917	-150.00	-4.000	192.227	-2.00	2033+0.000	192.307	191.914	0.393	4.000	192.227	-2.00	4.210	191.912	-150.00
-4.211	191.433	-150.00	-4.000	191.750	-2.00	2034+0.000	191.830	191.433	0.397	4.000	191.750	-2.00	4.213	191.431	-150.00
-4.214	190.952	-150.00	-4.000	191.273	-2.00	2035+0.000	191.353	190.954	0.398	4.000	191.273	-2.00	4.208	190.960	-150.00
-4.239	190.612	-150.00	-4.000	190.971	-2.00	2036+0.000	191.051	190.666	0.385	4.000	190.971	-2.00	4.190	190.685	-150.00
-4.250	190.489	-150.00	-4.000	190.865	-2.00	2037+0.000	190.945	190.546	0.398	4.000	190.865	-2.00	4.175	190.603	-150.00
-4.225	190.550	-150.00	-4.000	190.888	-2.00	2038+0.000	190.968	190.577	0.391	4.000	190.888	-2.00	4.190	190.604	-150.00
-4.337	190.912	-150.00	-4.000	191.418	-2.00	2039+0.000	191.498	191.115	0.382	4.000	191.418	-2.00	4.075	191.306	-150.00
-4.331	191.862	-150.00	-4.000	192.358	-2.00	2040+0.000	192.438	192.028	0.410	4.000	192.358	-2.00	4.115	192.186	-150.00
-4.341	192.817	-150.00	-4.000	193.329	-2.00	2041+0.000	193.409	192.993	0.416	4.000	193.329	-2.00	4.072	193.221	-150.00
-4.345	194.103	-150.00	-4.000	194.620	-2.00	2042+0.000	194.700	194.339	0.361	4.000	194.620	-2.00	4.041	194.558	-150.00
-4.357	195.404	-150.00	-4.000	195.941	-2.00	2043+0.000	196.021	195.593	0.428	4.000	195.941	-2.00	4.090	195.805	-150.00
-4.381	196.913	-150.00	-4.000	197.484	-2.00	2044+0.000	197.564	197.100	0.464	4.000	197.484	-2.00	4.140	197.273	-150.00
-4.208	198.418	-150.00	-4.000	198.730	-2.00	2045+0.000	198.810	198.347	0.463	4.000	198.730	-2.00	4.209	198.416	-150.00
-4.117	199.566	-150.00	-4.000	199.741	-2.00	2046+0.000	199.821	199.541	0.280	4.000	199.741	-2.00	4.138	199.534	-150.00
-4.120	200.327	-150.00	-4.000	200.506	-2.00	2047+0.000	200.586	200.334	0.252	4.000	200.506	-2.00	4.110	200.341	-150.00
-4.227	200.660	-150.00	-4.000	201.000	-2.00	2048+0.000	201.080	200.700	0.380	4.000	201.000	-2.00	4.183	200.725	-150.00
-4.246	200.985	-150.00	-4.000	201.354	-2.00	2049+0.000	201.434	201.004	0.430	4.000	201.354	-2.00	4.221	201.022	-150.00
-4.248	201.404	-150.00	-4.000	201.777	-2.00	2050+0.000	201.857	201.447	0.410	4.000	201.777	-2.00	4.211	201.460	-150.00
-4.290	201.830	-150.00	-4.000	202.265	-2.00	2051+0.000	202.345	201.873	0.471	4.000	202.265	-2.00	4.233	201.915	-150.00
-4.226	202.421	-150.00	-4.000	202.760	-2.00	2052+0.000	202.840	202.444	0.396	4.000	202.760	-2.00	4.182	202.486	-150.00
-4.239	203.386	-150.00	-4.000	203.745	-2.00	2053+0.000	203.825	203.403	0.422	4.000	203.745	-2.00	4.205	203.438	-150.00
-4.302	204.545	-150.00	-4.000	204.998	-2.00	2054+0.000	205.078	204.560	0.518	4.000	204.998	-2.00	4.258	204.610	-150.00
-4.296	205.807	-150.00	-4.000	206.250	-2.00	2055+0.000	206.330	205.823	0.508	4.000	206.250	-2.00	4.266	205.852	-150.00
-4.232	207.154	-150.00	-4.000	207.503	-2.00	2056+0.000	207.583	207.106	0.477	4.000	207.503	-2.00	4.298	207.056	-150.00
-4.159	208.496	-150.00	-4.000	208.734	-2.00	2057+0.000	208.814	208.393	0.421	4.000	208.734	-2.00	4.298	208.287	-150.00
-4.204	209.916	-150.00	-4.000	210.222	-2.00	2058+0.000	210.302	209.858	0.444	4.000	210.222	-2.00	4.282	209.799	-150.00
-4.245	211.376	-150.00	-4.000	211.744	-2.00	2059+0.000	211.824	211.389	0.435	4.000	211.744	-2.00	4.234	211.393	-150.00
-4.370	212.633	-150.00	-4.000	213.188	-2.00	2060+0.000	213.268	212.798	0.470	4.000	213.188	-2.00	4.153	212.958	-150.00
-4.372	213.994	-150.00	-4.000	214.553	-2.00	2061+0.000	214.633	214.201	0.431	4.000	214.553	-2.00	4.105	214.395	-150.00
-4.443	215.013	-150.00	-4.000	215.678	-2.00	2062+0.000	215.758	215.337	0.421	4.000	215.678	-2.00	4.032	215.630	-150.00
-4.351	215.638	-150.00	-4.000	216.164	-2.00	2063+0.000	216.244	215.834	0.410	4.000	216.164	-2.00	4.097	216.019	-150.00
-4.371	215.813	-150.00	-4.000	216.369	-2.00	2064+0.000	216.449	216.008	0.441	4.000	216.369	-2.00	4.118	216.192	-150.00
-4.441	215.606	-150.00	-4.000	216.267	-2.00	2065+0.000	216.347	215.794	0.553	4.000	216.267	-2.00	4.208	215.955	-150.00
-4.375	214.985	-150.00	-4.000	215.548	-2.00	2066+0.000	215.628	215.241	0.387	4.000	215.548	-2.00	4.047	215.477	-150.00
-4.326	214.131	-150.00	-4.000	214.619	-2.00	2067+0.000	214.699	214.367	0.333	4.000	214.619	-2.00	4.022	214.586	-150.00
-4.395	213.161	-150.00	-4.000	213.754	-2.00	2068+0.000	213.834	213.510	0.324	4.000	213.754	-2.00	4.025	213.716	-150.00
-4.430	212.257	-150.00	-4.000	212.901	-2.00	2069+0.000	212.981	212.618	0.364	4.000	212.901	-2.00	4.047	212.831	-150.00
-4.409	211.874	-150.00	-4.000	212.487	-2.00	2070+0.000	212.567	212.176	0.391	4.000	212.487	-2.00	4.078	212.370	-150.00
-4.439	212.054	-150.00	-4.000	212.712	-2.00	2071+0.000	212.792	212.388	0.404	4.000	212.712	-2.00	4.021	212.681	-150.00
-4.352	212.137	-150.00	-4.000	212.664	-2.00	2072+0.000	212.744	212.403	0.341	4.000	212.664	-2.00	4.011	212.648	-150.00
-4.192	212.024	-150.00	-4.000	212.313	-2.00	2073+0.000	212.393	212.211	0.182	4.000	212.313	-2.00	4.122	212.394	66.67
-4.310	211.221	-150.00	-4.000	211.686	-2.00	2074+0.000	211.766	211.382	0.385	4.000	211.686	-2.00	4.101	211.534	-150.00
-4.225	209.833	-150.00	-4.000	210.171	-2.00	2075+0.000	210.251	209.954	0.297	4.000	210.171	-2.00	4.068	210.068	-150.00
-4.017	207.931	66.67	-4.000	207.920	-2.00	2076+0.000	208.000	207.932	0.067	4.000	207.920	-2.00			
-4.019	205.678	66.67	-4.000	205.665	-2.00	2077+0.000	205.745	205.626	0.119	4.000	205.665	-2.00	4.070	205.560	-150.00
-4.092	203.272	-150.00	-4.000	203.411	-2.00	2078+0.000	203.491	203.282	0.209	4.000	203.411	-2.00	4.099	203.262	-150.00
-4.146	200.938	-150.00	-4.000	201.156	-2.00	2079+0.000	201.236	200.917	0.319	4.000	201.156	-2.00	4.174	200.896	-150.00
-4.150	198.965	-150.00	-4.000	199.190	-2.00	2080+0.000	199.270	198.924	0.346	4.000	199.190	-2.00	4.205	198.882	-150.00
-4.138	197.300	-150.00	-4.000	197.507	-2.00	2081+0.000	197.587	197.201	0.386	4.000	197.507	-2.00	4.272	197.099	-150.00
-4.235	195.760	-150.00	-4.000	196.113	-2.00	2082+0.000	196.193	195.826	0.367	4.000	196.113	-2.00	4.147	195.893	-150.00
-4.262	194.527	-150.00	-4.000	194.920	-2.00	2083+0.000	195.000	194.617	0.383	4.000	194.920	-2.00	4.140	194.710	-150.00
-4.268	193.629	-150.00	-4.000	194.031	-2.00	2084+0.000	194.111	193.702	0.409	4.000	194.031	-2.00	4.172	193.774	-150.00
-4.278	192.852	-150.00	-4.000	193.268	-2.00	2085+0.000	193.348	192.927	0.421	4.000	193.268	-2.00	4.173	193.008	-150.00
-4.241	192.211	-150.00	-4.000	192.573	-2.00	2086+0.000	192.653	192.253	0.400	4.000	192.573	-2.00	4.186	192.294	-150.00
-4.233	191.913	-150.00	-4.000	192.263	-2.00	2087+0.000	192.343	191.985	0.358	4.000	192.263	-2.00	4.139	192.054	-150.00
-4.290	191.944	-150.00	-4.000	192.379	-2.00	2088+0.000	192.459	192.034	0.425	4.000	192.379	-2.00	4.172	192.121	-150.00
-4.261	192.510	-150.00	-4.000	192.901	-2.00	2089+0.000	192.981	192.593	0.388	4.000	192.901	-2.00	4.151	192.674	-150.00
-4.284	193.479	-150.00	-4.000	193.905	-2.00	2090+0.000	193.985	193.597	0.388	4.000	193.905	-2.00	4.128	193.713	-150.00
-4.296	194.836	-150.00	-4.000	195.279	-2.00	2091+0.000	195.359	194.933	0.426	4.000	195.279	-2.00	4.151	195.053	-150.00
-4.283	196.480	-150.00	-4.000	196.904	-2.00	2092+0.000	196.984	196.553	0.431	4.000	196.904	-2.00	4.185	196.627	-150.00
-4.287	198.020	-150.00	-4.000	198.450	-2.00	2093+0.000	198.530	198.102	0.428	4.000	198.450	-2.00	4.179	198.181	-150.00
-4.153	199.476	-150.00	-4.000	199.706	-2.00	2094+0.000	199.786	199.554	0.231	4.000	199.706	-2.00	4.050	199.631	-150.00
-4.182	200.424	-150.00	-4.000	200.696	-2.00	2095+0.000	200.776	200.526	0.250	4.000	200.696	-2.00	4.049	200.623	-150.00
-4.300	201.049	-150.00	-4.000	201.498	-2.00	2096+0.000	201.578	201.153	0.425	4.000	201.498	-2.00	4.162	201.255	-150.00
-4.304	201.274	-150.00	-4.000	201.730	-2.00	2097+0.000	201.810	201.436	0.375	4.000	201.730	-2.00	4.094	201.590	-150.00
-4.288	201.458	-150.00	-4.000	201.890	-2.00	2098+0.000	201.970	201.589	0.381	4.000	201.890	-2.00	4.100	201.740	-150.00

Osvaldo Leôncio da [illegible] Filho
Diretor da Unidade de [illegible]as
Projetos e Obras - [illegible]
Secretaria das Cidade[illegible] Sedhl

-4.296	201.701	-150.00	-4.000	202.145	-2.00	2099+0.000	202.225	201.822	0.403	4.000	202.145	-2.00	4.117	201.970	-150.00
-4.300	202.324	-150.00	-4.000	202.774	-2.00	2100+0.000	202.854	202.439	0.415	4.000	202.774	-2.00	4.151	202.547	-150.00
-4.316	202.858	-150.00	-4.000	203.332	-2.00	2101+0.000	203.412	202.957	0.456	4.000	203.332	-2.00	4.187	203.052	-150.00
-4.314	203.296	-150.00	-4.000	203.767	-2.00	2102+0.000	203.847	203.396	0.451	4.000	203.767	-2.00	4.183	203.492	-150.00
-4.225	203.748	-150.00	-4.000	204.087	-2.00	2103+0.000	204.167	203.875	0.291	4.000	204.087	-2.00	4.066	203.987	-150.00
-4.285	203.857	-150.00	-4.000	204.285	-2.00	2104+0.000	204.365	203.978	0.387	4.000	204.285	-2.00	4.124	204.099	-150.00
-4.236	203.820	-150.00	-4.000	204.175	-2.00	2105+0.000	204.255	203.946	0.309	4.000	204.175	-2.00	4.073	204.066	-150.00
-4.343	203.498	-150.00	-4.000	204.012	-2.00	2106+0.000	204.092	203.644	0.448	4.000	204.012	-2.00	4.150	203.787	-150.00
-4.299	203.086	-150.00	-4.000	203.534	-2.00	2107+0.000	203.614	203.220	0.395	4.000	203.534	-2.00	4.124	203.348	-150.00
-4.307	202.507	-150.00	-4.000	202.968	-2.00	2108+0.000	203.048	202.657	0.391	4.000	202.968	-2.00	4.112	202.799	-150.00
-4.293	201.751	-150.00	-4.000	202.191	-2.00	2109+0.000	202.271	201.905	0.366	4.000	202.191	-2.00	4.093	202.051	-150.00
-4.292	200.903	-150.00	-4.000	201.341	-2.00	2110+0.000	201.421	201.058	0.364	4.000	201.341	-2.00	4.094	201.200	-150.00
-4.288	199.964	-150.00	-4.000	200.396	-2.00	2111+0.000	200.476	200.106	0.370	4.000	200.396	-2.00	4.104	200.240	-150.00
-4.285	198.973	-150.00	-4.000	199.401	-2.00	2112+0.000	199.481	199.101	0.380	4.000	199.401	-2.00	4.118	199.223	-150.00
-4.329	198.095	-150.00	-4.000	198.588	-2.00	2113+0.000	198.668	198.285	0.383	4.000	198.588	-2.00	4.083	198.463	-150.00
-4.366	197.640	-150.00	-4.000	198.189	-2.00	2114+0.000	198.269	197.866	0.403	4.000	198.189	-2.00	4.073	198.080	-150.00
-4.381	197.498	-150.00	-4.000	198.069	-2.00	2115+0.000	198.149	197.755	0.394	4.000	198.069	-2.00	4.051	197.992	-150.00
-4.389	197.327	-150.00	-4.000	197.911	-2.00	2116+0.000	197.991	197.584	0.406	4.000	197.911	-2.00	4.060	197.821	-150.00
-4.425	196.986	-150.00	-4.000	197.623	-2.00	2117+0.000	197.703	197.238	0.465	4.000	197.623	-2.00	4.098	197.476	-150.00
-4.503	196.543	-150.00	-4.000	197.298	-2.00	2118+0.000	197.378	196.800	0.578	4.000	197.298	-2.00	4.173	197.039	-150.00
-4.528	196.181	-150.00	-4.000	196.973	-2.00	2119+0.000	197.053	196.434	0.619	4.000	196.973	-2.00	4.198	196.675	-150.00
-4.370	196.093	-150.00	-4.000	196.648	-2.00	2120+0.000	196.728	196.291	0.436	4.000	196.648	-2.00	4.114	196.476	-150.00
-4.317	195.864	-150.00	-4.000	196.340	-2.00	2121+0.000	196.420	196.032	0.388	4.000	196.340	-2.00	4.099	196.191	-150.00
-4.207	195.670	-150.00	-4.000	195.981	-2.00	2122+0.000	196.061	195.810	0.251	4.000	195.981	-2.00	4.025	195.944	-150.00
-4.213	195.296	-150.00	-4.000	195.616	-2.00	2123+0.000	195.696	195.369	0.327	4.000	195.616	-2.00	4.118	195.439	-150.00
-4.211	194.771	-150.00	-4.000	195.087	-2.00	2124+0.000	195.167	194.836	0.331	4.000	195.087	-2.00	4.124	194.901	-150.00
-4.219	194.144	-150.00	-4.000	194.472	-2.00	2125+0.000	194.552	194.172	0.380	4.000	194.472	-2.00	4.181	194.200	-150.00
-4.243	193.492	-150.00	-4.000	193.857	-2.00	2126+0.000	193.937	193.535	0.401	4.000	193.857	-2.00	4.189	193.574	-150.00
-4.246	192.643	-150.00	-4.000	193.013	-2.00	2127+0.000	193.093	192.713	0.381	4.000	193.013	-2.00	4.155	192.780	-150.00
-4.216	191.848	-150.00	-4.000	192.173	-2.00	2128+0.000	192.253	191.875	0.378	4.000	192.173	-2.00	4.179	191.904	-150.00
-4.190	191.163	-150.00	-4.000	191.448	-2.00	2129+0.000	191.528	191.151	0.377	4.000	191.448	-2.00	4.206	191.139	-150.00
-4.202	190.589	-150.00	-4.000	190.892	-2.00	2130+0.000	190.972	190.607	0.366	4.000	190.892	-2.00	4.213	190.573	-150.00
-4.220	190.040	-150.00	-4.000	190.370	-2.00	2131+0.000	190.450	190.070	0.380	4.000	190.370	-2.00	4.160	190.130	-150.00
-4.236	189.593	-150.00	-4.000	189.947	-2.00	2132+0.000	190.027	189.703	0.324	4.000	189.947	-2.00	4.089	189.814	-150.00
-4.274	189.426	-150.00	-4.000	189.838	-2.00	2133+0.000	189.918	189.551	0.366	4.000	189.838	-2.00	4.111	189.672	-150.00
-4.379	189.535	-150.00	-4.000	190.103	-2.00	2134+0.000	190.183	189.722	0.461	4.000	190.103	-2.00	4.137	189.898	-150.00
-4.328	190.252	-150.00	-4.000	190.744	-2.00	2135+0.000	190.824	190.370	0.453	4.000	190.744	-2.00	4.178	190.477	-150.00
-4.233	191.410	-150.00	-4.000	191.760	-2.00	2136+0.000	191.840	191.418	0.422	4.000	191.760	-2.00	4.223	191.426	-150.00
-4.204	192.654	-150.00	-4.000	192.960	-2.00	2137+0.000	193.040	192.664	0.376	4.000	192.960	-2.00	4.191	192.674	-150.00
-4.149	193.476	-150.00	-4.000	193.699	-2.00	2138+0.000	193.779	193.392	0.387	4.000	193.699	-2.00	4.262	193.305	-150.00
			-4.000	193.924	-2.00	2139+0.000	194.004	193.831	0.173	4.000	193.924	-2.00	4.135	193.721	-150.00
-4.121	193.700	-150.00	-4.000	193.881	-2.00	2140+0.000	193.961	193.590	0.372	4.000	193.881	-2.00	4.276	193.467	-150.00
-4.106	193.544	-150.00	-4.000	193.704	-2.00	2141+0.000	193.784	193.415	0.368	4.000	193.704	-2.00	4.283	193.279	-150.00
-4.111	193.355	-150.00	-4.000	193.520	-2.00	2142+0.000	193.600	193.210	0.390	4.000	193.520	-2.00	4.301	193.070	-150.00
-4.108	193.443	-150.00	-4.000	193.605	-2.00	2143+0.000	193.685	193.287	0.398	4.000	193.605	-2.00	4.322	193.121	-150.00
-4.087	193.782	-150.00	-4.000	193.913	-2.00	2144+0.000	193.993	193.603	0.390	4.000	193.913	-2.00	4.331	193.417	-150.00
-4.090	194.551	-150.00	-4.000	194.686	-2.00	2145+0.000	194.766	194.387	0.379	4.000	194.686	-2.00	4.244	194.320	-150.00
-4.117	195.900	-150.00	-4.000	196.076	-2.00	2146+0.000	196.156	195.778	0.378	4.000	196.076	-2.00	4.204	195.770	-150.00
-4.109	197.382	-150.00	-4.000	197.545	-2.00	2147+0.000	197.625	197.288	0.337	4.000	197.545	-2.00	4.218	197.218	-150.00
-4.131	198.754	-150.00	-4.000	198.951	-2.00	2148+0.000	199.031	198.654	0.377	4.000	198.951	-2.00	4.266	198.551	-150.00
-4.082	199.924	-150.00	-4.000	200.047	-2.00	2149+0.000	200.127	199.824	0.303	4.000	200.047	-2.00	4.212	199.729	-150.00
-4.109	200.980	-150.00	-4.000	201.143	-2.00	2150+0.000	201.223	200.899	0.325	4.000	201.143	-2.00	4.219	200.815	-150.00
-4.228	201.544	-150.00	-4.000	201.886	-2.00	2151+0.000	201.966	201.555	0.411	4.000	201.886	-2.00	4.213	201.567	-150.00
-4.296	201.851	-150.00	-4.000	202.295	-2.00	2152+0.000	202.375	201.861	0.514	4.000	202.295	-2.00	4.282	201.872	-150.00
-4.247	202.331	-150.00	-4.000	202.701	-2.00	2153+0.000	202.781	202.396	0.385	4.000	202.701	-2.00	4.162	202.458	-150.00
-4.308	202.507	-150.00	-4.000	202.970	-2.00	2154+0.000	203.050	202.625	0.425	4.000	202.970	-2.00	4.155	202.738	-150.00
-4.303	202.738	-150.00	-4.000	203.192	-2.00	2155+0.000	203.272	202.859	0.413	4.000	203.192	-2.00	4.155	202.959	-150.00
-4.272	202.861	-150.00	-4.000	203.270	-2.00	2156+0.000	203.350	202.965	0.385	4.000	203.270	-2.00	4.141	203.058	-150.00
-4.273	202.934	-150.00	-4.000	203.343	-2.00	2157+0.000	203.423	203.033	0.390	4.000	203.343	-2.00	4.142	203.129	-150.00
-4.276	203.035	-150.00	-4.000	203.449	-2.00	2158+0.000	203.529	203.128	0.401	4.000	203.449	-2.00	4.154	203.218	-150.00
-4.239	203.352	-150.00	-4.000	203.711	-2.00	2159+0.000	203.791	203.388	0.403	4.000	203.711	-2.00	4.192	203.423	-150.00
-4.219	203.850	-150.00	-4.000	204.179	-2.00	2160+0.000	204.259	203.864	0.395	4.000	204.179	-2.00	4.201	203.879	-150.00
-4.217	204.429	-150.00	-4.000	204.754	-2.00	2161+0.000	204.834	204.424	0.410	4.000	204.754	-2.00	4.210	204.438	-150.00
-4.267	205.060	-150.00	-4.000	205.461	-2.00	2162+0.000	205.541	205.065	0.476	4.000	205.461	-2.00	4.261	205.070	-150.00
-4.320	205.719	-150.00	-4.000	206.198	-2.00	2163+0.000	206.278	205.731	0.548	4.000	206.198	-2.00	4.304	205.743	-150.00
-4.271	206.529	-150.00	-4.000	206.936	-2.00	2164+0.000	207.016	206.562	0.453	4.000	206.936	-2.00	4.227	206.596	-150.00
-4.301	207.042	-150.00	-4.000	207.493	-2.00	2165+0.000	207.573	207.136	0.437	4.000	207.493	-2.00	4.150	207.268	-150.00
-4.310	207.433	-150.00	-4.000	207.898	-2.00	2166+0.000	207.978	207.572	0.406	4.000	207.898	-2.00	4.131	207.702	-150.00
-4.303	207.647	-150.00	-4.000	208.103	-2.00	2167+0.000	208.183	207.793	0.390	4.000	208.103	-2.00	4.114	207.931	-150.00
-4.301	207.913	-150.00	-4.000	208.364	-2.00	2168+0.000	208.444	208.051	0.393	4.000	208.364	-2.00	4.121	208.183	-150.00
-4.299	208.433	-150.00	-4.000	208.882	-2.00	2169+0.000	208.962	208.538	0.424	4.000	208.882	-2.00	4.163	208.637	-150.00
-4.242	209.266	-150.00	-4.000	209.629	-2.00	2170+0.000	209.709	209.315	0.393	4.000	209.629	-2.00	4.177	209.363	-150.00
-4.230	210.066	-150.00	-4.000	210.411	-2.00	2171+0.000	210.491	210.113	0.377	4.000	210.411	-2.00	4.169	210.157	-150.00
-4.239	210.833	-150.00	-4.000	211.192	-2.00	2172+0.000	211.272	210.874	0.398	4.000	211.192	-2.00	4.185	210.914	-150.00
-4.265	211.567	-150.00	-4.000	211.965	-2.00	2173+0.000	212.045	211.634	0.411	4.000	211.965	-2.00	4.196	211.671	-150.00
-4.301	212.184	-150.00	-4.000	212.635	-2.00	2174+0.000	212.715	212.262	0.452	4.000	212.635	-2.00	4.197	212.339	-150.00
-4.345	212.787	-150.00	-4.000	213.304	-2.00	2175+0.000	213.384	212.976	0.408	4.000	213.304	-2.00	4.123	213.119	-150.00
-4.357	213.331	-150.00	-4.000	213.866	-2.00	2176+0.000	213.946	213.528	0.418	4.000	213.866	-2.00	4.097	213.720	-150.00
-4.361	213.841	-150.00	-4.000	214.382	-2.00	2177+0.000	214.462	214.054	0.408	4.000	214.382	-2.00	4.086	214.254	-150.00
-4.357	214.195	-150.00	-4.000	214.731	-2.00	2178+0.000	214.811	214.420	0.390	4.000	214.731	-2.00	4.067	214.630	-150.00
-4.344	214.552	-150.00	-4.000	215.069	-2.00	2179+0.000	215.149	214.781	0.367	4.000	215.069	-2.00	4.049	214.995	-150.00

Osvaldo Leôncio da Si[illegible]
Diretor da Unidade de Pr[illegible]
Projetos e Obras - DU[illegible]
Secretaria das Cidades [illegible]

-4.352	214.879	-150.00	-4.000	215.407	-2.00	2180+0.000	215.487	215.095	0.392	4.000	215.407	-2.00	4.065	215.309	-150.00
-4.328	215.301	-150.00	-4.000	215.793	-2.00	2181+0.000	215.873	215.466	0.406	4.000	215.793	-2.00	4.113	215.623	-150.00
-4.367	215.673	-150.00	-4.000	216.224	-2.00	2182+0.000	216.304	215.848	0.456	4.000	216.224	-2.00	4.140	216.014	-150.00
-4.340	216.149	-150.00	-4.000	216.659	-2.00	2183+0.000	216.739	216.309	0.430	4.000	216.659	-2.00	4.131	216.462	-150.00
-4.359	216.522	-150.00	-4.000	217.061	-2.00	2184+0.000	217.141	216.735	0.406	4.000	217.061	-2.00	4.113	216.892	-150.00
-4.323	216.766	-150.00	-4.000	217.251	-2.00	2185+0.000	217.331	216.938	0.393	4.000	217.251	-2.00	4.100	217.101	-150.00
-4.365	216.802	-150.00	-4.000	217.349	-2.00	2186+0.000	217.429	217.031	0.398	4.000	217.349	-2.00	4.099	217.200	-150.00
-4.418	216.660	-150.00	-4.000	217.286	-2.00	2187+0.000	217.366	216.894	0.472	4.000	217.286	-2.00	4.115	217.113	-150.00
-4.413	216.597	-150.00	-4.000	217.216	-2.00	2188+0.000	217.296	216.881	0.416	4.000	217.216	-2.00	4.080	217.096	-150.00
-4.460	216.456	-150.00	-4.000	217.146	-2.00	2189+0.000	217.226	216.737	0.489	4.000	217.146	-2.00	4.100	216.996	-150.00
-4.394	216.590	-150.00	-4.000	217.181	-2.00	2190+0.000	217.261	216.866	0.395	4.000	217.181	-2.00	4.041	217.120	-150.00
-4.308	217.008	-150.00	-4.000	217.469	-2.00	2191+0.000	217.549	217.199	0.350	4.000	217.469	-2.00	4.062	217.376	-150.00
-4.281	217.336	-150.00	-4.000	217.758	-2.00	2192+0.000	217.838	217.457	0.381	4.000	217.758	-2.00	4.119	217.579	-150.00
-4.276	217.632	-150.00	-4.000	218.046	-2.00	2193+0.000	218.126	217.759	0.367	4.000	218.046	-2.00	4.110	217.881	-150.00
-4.290	217.898	-150.00	-4.000	218.334	-2.00	2194+0.000	218.414	218.031	0.382	4.000	218.334	-2.00	4.116	218.159	-150.00
-4.294	218.180	-150.00	-4.000	218.621	-2.00	2195+0.000	218.701	218.320	0.381	4.000	218.621	-2.00	4.113	218.451	-150.00
-4.298	218.386	-150.00	-4.000	218.832	-2.00	2196+0.000	218.912	218.545	0.368	4.000	218.832	-2.00	4.091	218.696	-150.00
-4.302	218.474	-150.00	-4.000	218.927	-2.00	2197+0.000	219.007	218.641	0.366	4.000	218.927	-2.00	4.084	218.800	-150.00
-4.349	218.380	-150.00	-4.000	218.903	-2.00	2198+0.000	218.983	218.568	0.415	4.000	218.903	-2.00	4.103	218.748	-150.00
-4.342	218.301	-150.00	-4.000	218.814	-2.00	2199+0.000	218.894	218.479	0.415	4.000	218.814	-2.00	4.107	218.653	-150.00
-4.375	218.122	-150.00	-4.000	218.685	-2.00	2200+0.000	218.765	218.337	0.428	4.000	218.685	-2.00	4.094	218.543	-150.00
-4.353	217.906	-150.00	-4.000	218.435	-2.00	2201+0.000	218.515	218.150	0.365	4.000	218.435	-2.00	4.035	218.382	-150.00
-4.290	217.750	-150.00	-4.000	218.185	-2.00	2202+0.000	218.265	217.993	0.272	4.000	218.185	-2.00	4.056	218.223	66.67
-4.324	217.450	-150.00	-4.000	217.936	-2.00	2203+0.000	218.016	217.670	0.345	4.000	217.936	-2.00	4.028	217.894	-150.00
-4.334	217.184	-150.00	-4.000	217.686	-2.00	2204+0.000	217.766	217.382	0.384	4.000	217.686	-2.00	4.101	217.535	-150.00
-4.348	216.833	-150.00	-4.000	217.354	-2.00	2205+0.000	217.434	217.019	0.415	4.000	217.354	-2.00	4.129	217.160	-150.00
-4.332	216.491	-150.00	-4.000	216.988	-2.00	2206+0.000	217.068	216.624	0.444	4.000	216.988	-2.00	4.149	216.764	-150.00
-4.331	216.125	-150.00	-4.000	216.622	-2.00	2207+0.000	216.702	216.259	0.443	4.000	216.622	-2.00	4.153	216.392	-150.00
-4.323	215.772	-150.00	-4.000	216.256	-2.00	2208+0.000	216.336	215.888	0.448	4.000	216.256	-2.00	4.158	216.020	-150.00
-4.320	215.411	-150.00	-4.000	215.890	-2.00	2209+0.000	215.970	215.552	0.418	4.000	215.890	-2.00	4.135	215.687	-150.00
-4.304	215.126	-150.00	-4.000	215.581	-2.00	2210+0.000	215.661	215.268	0.394	4.000	215.581	-2.00	4.119	215.403	-150.00
-4.301	214.990	-150.00	-4.000	215.442	-2.00	2211+0.000	215.522	215.129	0.393	4.000	215.442	-2.00	4.119	215.263	-150.00
-4.313	214.866	-150.00	-4.000	215.335	-2.00	2212+0.000	215.415	215.012	0.403	4.000	215.335	-2.00	4.123	215.150	-150.00
-4.301	214.559	-150.00	-4.000	215.011	-2.00	2213+0.000	215.091	214.666	0.425	4.000	215.011	-2.00	4.161	214.769	-150.00
-4.275	214.241	-150.00	-4.000	214.654	-2.00	2214+0.000	214.734	214.345	0.390	4.000	214.654	-2.00	4.146	214.435	-150.00
-4.258	213.833	-150.00	-4.000	214.219	-2.00	2215+0.000	214.299	213.910	0.389	4.000	214.219	-2.00	4.156	213.986	-150.00
-4.255	213.377	-150.00	-4.000	213.760	-2.00	2216+0.000	213.840	213.449	0.391	4.000	213.760	-2.00	4.158	213.523	-150.00
-4.263	212.833	-150.00	-4.000	213.228	-2.00	2217+0.000	213.308	212.894	0.413	4.000	213.228	-2.00	4.174	212.967	-150.00
-4.261	212.280	-150.00	-4.000	212.671	-2.00	2218+0.000	212.751	212.357	0.394	4.000	212.671	-2.00	4.148	212.449	-150.00
-4.269	211.882	-150.00	-4.000	212.285	-2.00	2219+0.000	212.365	211.977	0.388	4.000	212.285	-2.00	4.144	212.070	-150.00
-4.237	211.649	-150.00	-4.000	212.004	-2.00	2220+0.000	212.084	211.701	0.383	4.000	212.004	-2.00	4.168	211.752	-150.00
-4.238	211.438	-150.00	-4.000	211.795	-2.00	2221+0.000	211.875	211.499	0.376	4.000	211.795	-2.00	4.158	211.559	-150.00
-4.259	211.246	-150.00	-4.000	211.635	-2.00	2222+0.000	211.715	211.321	0.393	4.000	211.635	-2.00	4.160	211.395	-150.00
-4.281	211.123	-150.00	-4.000	211.545	-2.00	2223+0.000	211.625	211.226	0.399	4.000	211.545	-2.00	4.155	211.313	-150.00
-4.266	210.812	-150.00	-4.000	211.211	-2.00	2224+0.000	211.291	210.909	0.382	4.000	211.211	-2.00	4.139	211.003	-150.00
-4.282	210.402	-150.00	-4.000	210.824	-2.00	2225+0.000	210.904	210.520	0.385	4.000	210.824	-2.00	4.127	210.633	-150.00
-4.288	210.131	-150.00	-4.000	210.563	-2.00	2226+0.000	210.643	210.254	0.388	4.000	210.563	-2.00	4.126	210.373	-150.00
-4.295	209.941	-150.00	-4.000	210.383	-2.00	2227+0.000	210.463	210.071	0.393	4.000	210.383	-2.00	4.124	210.197	-150.00
-4.302	209.876	-150.00	-4.000	210.330	-2.00	2228+0.000	210.410	210.010	0.400	4.000	210.330	-2.00	4.128	210.138	-150.00
-4.289	210.035	-150.00	-4.000	210.469	-2.00	2229+0.000	210.549	210.168	0.381	4.000	210.469	-2.00	4.117	210.293	-150.00
-4.291	210.172	-150.00	-4.000	210.609	-2.00	2230+0.000	210.689	210.293	0.395	4.000	210.609	-2.00	4.132	210.410	-150.00
-4.293	210.304	-150.00	-4.000	210.744	-2.00	2231+0.000	210.824	210.424	0.400	4.000	210.744	-2.00	4.137	210.539	-150.00
-4.299	210.287	-150.00	-4.000	210.736	-2.00	2232+0.000	210.816	210.417	0.399	4.000	210.736	-2.00	4.130	210.541	-150.00
-4.297	210.166	-150.00	-4.000	210.612	-2.00	2233+0.000	210.692	210.290	0.402	4.000	210.612	-2.00	4.134	210.411	-150.00
-4.292	209.903	-150.00	-4.000	210.341	-2.00	2234+0.000	210.421	210.027	0.394	4.000	210.341	-2.00	4.130	210.146	-150.00
-4.304	209.508	-150.00	-4.000	209.964	-2.00	2235+0.000	210.044	209.631	0.413	4.000	209.964	-2.00	4.143	209.750	-150.00
-4.331	209.078	-150.00	-4.000	209.574	-2.00	2236+0.000	209.654	209.198	0.457	4.000	209.574	-2.00	4.174	209.314	-150.00
-4.366	208.636	-150.00	-4.000	209.184	-2.00	2237+0.000	209.264	208.752	0.512	4.000	209.184	-2.00	4.233	208.835	-150.00
-4.319	208.316	-150.00	-4.000	208.794	-2.00	2238+0.000	208.874	208.408	0.467	4.000	208.794	-2.00	4.201	208.493	-150.00
-4.272	208.000	-150.00	-4.000	208.409	-2.00	2239+0.000	208.489	208.090	0.398	4.000	208.409	-2.00	4.157	208.173	-150.00
-4.293	207.611	-150.00	-4.000	208.051	-2.00	2240+0.000	208.131	207.703	0.427	4.000	208.051	-2.00	4.176	207.787	-150.00
-4.293	207.253	-150.00	-4.000	207.693	-2.00	2241+0.000	207.773	207.351	0.421	4.000	207.693	-2.00	4.171	207.435	-150.00
-4.262	206.906	-150.00	-4.000	207.299	-2.00	2242+0.000	207.379	206.989	0.390	4.000	207.299	-2.00	4.160	207.059	-150.00
-4.251	206.418	-150.00	-4.000	206.794	-2.00	2243+0.000	206.874	206.499	0.375	4.000	206.794	-2.00	4.150	206.569	-150.00
-4.252	205.911	-150.00	-4.000	206.290	-2.00	2244+0.000	206.370	205.988	0.382	4.000	206.290	-2.00	4.156	206.056	-150.00
-4.251	205.374	-150.00	-4.000	205.750	-2.00	2245+0.000	205.830	205.443	0.387	4.000	205.750	-2.00	4.168	205.498	-150.00
-4.249	204.699	-150.00	-4.000	205.073	-2.00	2246+0.000	205.153	204.764	0.388	4.000	205.073	-2.00	4.164	204.826	-150.00
-4.283	203.902	-150.00	-4.000	204.326	-2.00	2247+0.000	204.406	203.970	0.437	4.000	204.326	-2.00	4.196	204.032	-150.00
-4.354	203.021	-150.00	-4.000	203.551	-2.00	2248+0.000	203.631	203.082	0.549	4.000	203.551	-2.00	4.270	203.146	-150.00
-4.394	202.186	-150.00	-4.000	202.776	-2.00	2249+0.000	202.856	202.267	0.589	4.000	202.776	-2.00	4.282	202.354	-150.00
-4.336	201.497	-150.00	-4.000	202.001	-2.00	2250+0.000	202.081	201.580	0.501	4.000	202.001	-2.00	4.226	201.662	-150.00
-4.258	200.910	-150.00	-4.000	201.297	-2.00	2251+0.000	201.377	200.991	0.387	4.000	201.297	-2.00	4.153	201.069	-150.00
-4.255	200.471	-150.00	-4.000	200.853	-2.00	2252+0.000	200.933	200.552	0.381	4.000	200.853	-2.00	4.148	200.631	-150.00
-4.262	200.051	-150.00	-4.000	200.444	-2.00	2253+0.000	200.524	200.134	0.391	4.000	200.444	-2.00	4.153	200.214	-150.00
-4.250	199.630	-150.00	-4.000	200.004	-2.00	2254+0.000	200.084	199.707	0.377	4.000	200.004	-2.00	4.148	199.782	-150.00
-4.269	199.103	-150.00	-4.000	199.506	-2.00	2255+0.000	199.586	199.196	0.390	4.000	199.506	-2.00	4.156	199.273	-150.00
-4.219	198.384	-150.00	-4.000	198.712	-2.00	2256+0.000	198.792	198.484	0.308	4.000	198.712	-2.00	4.088	198.581	-150.00
-4.231	197.460	-150.00	-4.000	197.807	-2.00	2257+0.000	197.887	197.567	0.320	4.000	197.807	-2.00	4.092	197.669	-150.00
-4.246	196.533	-150.00	-4.000	196.902	-2.00	2258+0.000	196.982	196.616	0.366	4.000	196.902	-2.00	4.136	196.697	-150.00
-4.290	195.562	-150.00	-4.000	195.997	-2.00	2259+0.000	196.077	195.648	0.429	4.000	195.997	-2.00	4.177	195.732	-150.00
-4.272	194.693	-150.00	-4.000	195.100	-2.00	2260+0.000	195.180	194.792	0.388	4.000	195.100	-2.00	4.141	194.888	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Projetos
Projetos e Obras
Secretaria da Cidade

-4.374	194.060	-150.00	-4.000	194.620	-2.00	2261+0.000	194.700	194.162	0.538	4.000	194.620	-2.00	4.240	194.261	-150.00
-4.426	193.501	-150.00	-4.000	194.141	-2.00	2262+0.000	194.221	193.623	0.598	4.000	194.141	-2.00	4.267	193.740	-150.00
-4.297	193.215	-150.00	-4.000	193.661	-2.00	2263+0.000	193.741	193.359	0.381	4.000	193.661	-2.00	4.109	193.497	-150.00
-4.338	193.079	-150.00	-4.000	193.586	-2.00	2264+0.000	193.666	193.226	0.439	4.000	193.586	-2.00	4.126	193.396	-150.00
-4.333	193.223	-150.00	-4.000	193.722	-2.00	2265+0.000	193.802	193.400	0.402	4.000	193.722	-2.00	4.103	193.568	-150.00
-4.341	193.676	-150.00	-4.000	194.188	-2.00	2266+0.000	194.268	193.861	0.407	4.000	194.188	-2.00	4.102	194.035	-150.00
-4.337	194.278	-150.00	-4.000	194.784	-2.00	2267+0.000	194.864	194.460	0.405	4.000	194.784	-2.00	4.102	194.631	-150.00
-4.349	194.957	-150.00	-4.000	195.481	-2.00	2268+0.000	195.561	195.131	0.430	4.000	195.481	-2.00	4.125	195.294	-150.00
-4.362	195.633	-150.00	-4.000	196.177	-2.00	2269+0.000	196.257	195.836	0.421	4.000	196.177	-2.00	4.100	196.027	-150.00
-4.371	196.061	-150.00	-4.000	196.617	-2.00	2270+0.000	196.697	196.287	0.410	4.000	196.617	-2.00	4.079	196.498	-150.00
-4.366	196.296	-150.00	-4.000	196.845	-2.00	2271+0.000	196.925	196.519	0.406	4.000	196.845	-2.00	4.078	196.728	-150.00
-4.349	196.353	-150.00	-4.000	196.877	-2.00	2272+0.000	196.957	196.558	0.399	4.000	196.877	-2.00	4.084	196.751	-150.00
-4.346	196.372	-150.00	-4.000	196.891	-2.00	2273+0.000	196.971	196.560	0.411	4.000	196.891	-2.00	4.101	196.739	-150.00
-4.278	196.527	-150.00	-4.000	196.944	-2.00	2274+0.000	197.024	196.631	0.394	4.000	196.944	-2.00	4.104	196.789	-150.00
-4.281	196.782	-150.00	-4.000	197.204	-2.00	2275+0.000	197.284	196.873	0.411	4.000	197.204	-2.00	4.161	196.962	-150.00
-4.283	196.916	-150.00	-4.000	197.341	-2.00	2276+0.000	197.421	197.027	0.394	4.000	197.341	-2.00	4.142	197.128	-150.00
-4.264	196.748	-150.00	-4.000	197.144	-2.00	2277+0.000	197.224	196.871	0.353	4.000	197.144	-2.00	4.094	197.003	-150.00
-4.220	196.585	-150.00	-4.000	196.916	-2.00	2278+0.000	196.996	196.709	0.287	4.000	196.916	-2.00	4.058	196.828	-150.00
-4.284	196.262	-150.00	-4.000	196.688	-2.00	2279+0.000	196.768	196.406	0.362	4.000	196.688	-2.00	4.080	196.568	-150.00
-4.313	195.991	-150.00	-4.000	196.460	-2.00	2280+0.000	196.540	196.146	0.394	4.000	196.460	-2.00	4.119	196.282	-150.00
-4.318	195.837	-150.00	-4.000	196.314	-2.00	2281+0.000	196.394	195.993	0.401	4.000	196.314	-2.00	4.119	196.136	-150.00
-4.320	195.907	-150.00	-4.000	196.388	-2.00	2282+0.000	196.468	196.062	0.406	4.000	196.388	-2.00	4.124	196.201	-150.00
-4.299	195.937	-150.00	-4.000	196.385	-2.00	2283+0.000	196.465	196.069	0.397	4.000	196.385	-2.00	4.143	196.170	-150.00
-4.275	196.049	-150.00	-4.000	196.462	-2.00	2284+0.000	196.542	196.143	0.399	4.000	196.462	-2.00	4.151	196.235	-150.00
-4.267	196.470	-150.00	-4.000	196.871	-2.00	2285+0.000	196.951	196.561	0.391	4.000	196.871	-2.00	4.155	196.639	-150.00
-4.267	196.985	-150.00	-4.000	197.385	-2.00	2286+0.000	197.465	197.057	0.409	4.000	197.385	-2.00	4.173	197.127	-150.00
-4.254	197.482	-150.00	-4.000	197.863	-2.00	2287+0.000	197.943	197.534	0.408	4.000	197.863	-2.00	4.185	197.586	-150.00
-4.238	197.902	-150.00	-4.000	198.259	-2.00	2288+0.000	198.339	197.943	0.395	4.000	198.259	-2.00	4.183	197.984	-150.00
-4.236	198.199	-150.00	-4.000	198.553	-2.00	2289+0.000	198.633	198.241	0.392	4.000	198.553	-2.00	4.181	198.282	-150.00
-4.241	198.406	-150.00	-4.000	198.767	-2.00	2290+0.000	198.847	198.465	0.381	4.000	198.767	-2.00	4.163	198.522	-150.00
-4.249	198.607	-150.00	-4.000	198.980	-2.00	2291+0.000	199.060	198.660	0.400	4.000	198.980	-2.00	4.163	198.736	-150.00
-4.284	198.865	-150.00	-4.000	199.291	-2.00	2292+0.000	199.371	198.975	0.396	4.000	199.291	-2.00	4.146	199.072	-150.00
-4.290	199.193	-150.00	-4.000	199.628	-2.00	2293+0.000	199.708	199.305	0.403	4.000	199.628	-2.00	4.149	199.404	-150.00
-4.286	199.535	-150.00	-4.000	199.965	-2.00	2294+0.000	200.045	199.648	0.396	4.000	199.965	-2.00	4.137	199.759	-150.00
-4.285	199.874	-150.00	-4.000	200.301	-2.00	2295+0.000	200.381	199.985	0.397	4.000	200.301	-2.00	4.140	200.092	-150.00
-4.290	200.187	-150.00	-4.000	200.622	-2.00	2296+0.000	200.702	200.298	0.404	4.000	200.622	-2.00	4.145	200.405	-150.00
-4.287	200.470	-150.00	-4.000	200.901	-2.00	2297+0.000	200.981	200.580	0.401	4.000	200.901	-2.00	4.144	200.686	-150.00
-4.293	200.616	-150.00	-4.000	201.055	-2.00	2298+0.000	201.135	200.737	0.398	4.000	201.055	-2.00	4.134	200.854	-150.00
-4.270	200.734	-150.00	-4.000	201.139	-2.00	2299+0.000	201.219	200.840	0.379	4.000	201.139	-2.00	4.139	200.931	-150.00
-4.267	200.822	-150.00	-4.000	201.223	-2.00	2300+0.000	201.303	200.917	0.386	4.000	201.223	-2.00	4.143	201.009	-150.00
-4.278	200.876	-150.00	-4.000	201.293	-2.00	2301+0.000	201.373	200.971	0.403	4.000	201.293	-2.00	4.155	201.060	-150.00
-4.321	200.836	-150.00	-4.000	201.318	-2.00	2302+0.000	201.398	200.994	0.404	4.000	201.318	-2.00	4.156	201.083	-150.00
-4.268	200.624	-150.00	-4.000	201.026	-2.00	2303+0.000	201.106	200.717	0.389	4.000	201.026	-2.00	4.146	200.807	-150.00
-4.277	199.949	-150.00	-4.000	200.365	-2.00	2304+0.000	200.445	200.044	0.401	4.000	200.365	-2.00	4.152	200.136	-150.00
-4.247	199.213	-150.00	-4.000	199.583	-2.00	2305+0.000	199.663	199.332	0.331	4.000	199.583	-2.00	4.090	199.447	-150.00
-4.235	198.531	-150.00	-4.000	198.884	-2.00	2306+0.000	198.964	198.669	0.295	4.000	198.884	-2.00	4.056	198.800	-150.00
-4.321	198.019	-150.00	-4.000	198.500	-2.00	2307+0.000	198.580	198.198	0.382	4.000	198.500	-2.00	4.088	198.368	-150.00
-4.412	197.817	-150.00	-4.000	198.435	-2.00	2308+0.000	198.515	198.004	0.511	4.000	198.435	-2.00	4.170	198.180	-150.00
-4.314	198.217	-150.00	-4.000	198.688	-2.00	2309+0.000	198.768	198.362	0.406	4.000	198.688	-2.00	4.125	198.501	-150.00
-4.265	198.862	-150.00	-4.000	199.260	-2.00	2310+0.000	199.340	198.994	0.346	4.000	199.260	-2.00	4.092	199.121	-150.00
-4.262	199.742	-150.00	-4.000	200.135	-2.00	2311+0.000	200.215	199.833	0.382	4.000	200.135	-2.00	4.142	199.922	-150.00
-4.278	200.669	-150.00	-4.000	201.085	-2.00	2312+0.000	201.165	200.758	0.408	4.000	201.085	-2.00	4.162	200.842	-150.00
-4.252	201.669	-150.00	-4.000	202.047	-2.00	2313+0.000	202.127	201.716	0.411	4.000	202.047	-2.00	4.189	201.763	-150.00
-4.216	202.706	-150.00	-4.000	203.031	-2.00	2314+0.000	203.111	202.717	0.394	4.000	203.031	-2.00	4.202	202.727	-150.00
-4.313	203.380	-150.00	-4.000	203.850	-2.00	2315+0.000	203.930	203.423	0.506	4.000	203.850	-2.00	4.256	203.466	-150.00
-4.291	203.895	-150.00	-4.000	204.331	-2.00	2316+0.000	204.411	203.984	0.427	4.000	204.331	-2.00	4.161	204.090	-150.00
-4.254	204.092	-150.00	-4.000	204.473	-2.00	2317+0.000	204.553	204.219	0.334	4.000	204.473	-2.00	4.088	204.342	-150.00
-4.312	203.811	-150.00	-4.000	204.278	-2.00	2318+0.000	204.358	203.936	0.422	4.000	204.278	-2.00	4.147	204.057	-150.00
-4.283	203.323	-150.00	-4.000	203.748	-2.00	2319+0.000	203.828	203.438	0.390	4.000	203.748	-2.00	4.133	203.549	-150.00
-4.340	202.583	-150.00	-4.000	203.093	-2.00	2320+0.000	203.173	202.748	0.425	4.000	203.093	-2.00	4.125	202.904	-150.00
-4.359	201.898	-150.00	-4.000	202.437	-2.00	2321+0.000	202.517	202.073	0.445	4.000	202.437	-2.00	4.127	202.247	-150.00
-4.325	201.295	-150.00	-4.000	201.782	-2.00	2322+0.000	201.862	201.473	0.389	4.000	201.782	-2.00	4.094	201.641	-150.00
-4.334	200.692	-150.00	-4.000	201.193	-2.00	2323+0.000	201.273	200.889	0.384	4.000	201.193	-2.00	4.079	201.075	-150.00
-4.327	200.352	-150.00	-4.000	200.842	-2.00	2324+0.000	200.922	200.536	0.386	4.000	200.842	-2.00	4.088	200.710	-150.00
-4.318	200.233	-150.00	-4.000	200.710	-2.00	2325+0.000	200.790	200.417	0.373	4.000	200.710	-2.00	4.078	200.593	-150.00
-4.307	200.126	-150.00	-4.000	200.586	-2.00	2326+0.000	200.666	200.304	0.362	4.000	200.586	-2.00	4.078	200.468	-150.00
-4.329	199.967	-150.00	-4.000	200.461	-2.00	2327+0.000	200.541	200.191	0.350	4.000	200.461	-2.00	4.052	200.383	-150.00
-4.370	199.793	-150.00	-4.000	200.348	-2.00	2328+0.000	200.428	200.020	0.407	4.000	200.348	-2.00	4.077	200.232	-150.00
-4.358	199.935	-150.00	-4.000	200.471	-2.00	2329+0.000	200.551	200.164	0.388	4.000	200.471	-2.00	4.063	200.377	-150.00
-4.401	200.287	-150.00	-4.000	200.889	-2.00	2330+0.000	200.969	200.504	0.465	4.000	200.889	-2.00	4.121	200.708	-150.00
-4.295	200.775	-150.00	-4.000	201.217	-2.00	2331+0.000	201.297	200.895	0.401	4.000	201.217	-2.00	4.144	201.000	-150.00
-4.294	200.772	-150.00	-4.000	201.213	-2.00	2332+0.000	201.293	200.892	0.400	4.000	201.213	-2.00	4.136	201.008	-150.00
-4.331	200.588	-150.00	-4.000	201.084	-2.00	2333+0.000	201.164	200.744	0.420	4.000	201.084	-2.00	4.126	200.896	-150.00
-4.338	200.281	-150.00	-4.000	200.788	-2.00	2334+0.000	200.868	200.430	0.437	4.000	200.788	-2.00	4.161	200.547	-150.00
-4.310	200.026	-150.00	-4.000	200.491	-2.00	2335+0.000	200.571	200.174	0.397	4.000	200.491	-2.00	4.116	200.317	-150.00
-4.292	199.827	-150.00	-4.000	200.265	-2.00	2336+0.000	200.345	199.999	0.345	4.000	200.265	-2.00	4.071	200.158	-150.00
-4.312	199.600	-150.00	-4.000	200.068	-2.00	2337+0.000	200.148	199.778	0.370	4.000	200.068	-2.00	4.083	199.944	-150.00
-4.330	199.407	-150.00	-4.000	199.902	-2.00	2338+0.000	199.982	199.587	0.395	4.000	199.902	-2.00	4.097	199.757	-150.00
-4.326	199.315	-150.00	-4.000	199.804	-2.00	2339+0.000	199.884	199.493	0.390	4.000	199.804	-2.00	4.097	199.658	-150.00
-4.298	199.335	-150.00	-4.000	199.783	-2.00	2340+0.000	199.863	199.473	0.390	4.000	199.783	-2.00	4.119	199.604	-150.00
-4.294	199.338	-150.00	-4.000	199.779	-2.00	2341+0.000	199.859	199.475	0.384	4.000	199.779	-2.00	4.115	199.606	-150.00

Osvaldo Leôncio da S[illegible]
Director da Unidade de P[illegible]
Projetos e Obras - DU[illegible]
Secretaria [illegible]

-4.278	199.282	-150.00	-4.000	199.699	-2.00	2342+0.000	199.779	199.398	0.381	4.000	199.699	-2.00	4.126	199.510	-150.00
-4.104	199.091	-150.00	-4.000	199.248	-2.00	2343+0.000	199.328	199.205	0.123	4.000	199.248	-2.00	4.090	199.308	66.67
-4.080	198.671	-150.00	-4.000	198.791	-2.00	2344+0.000	198.871	198.735	0.136	4.000	198.791	-2.00	4.010	198.798	66.67
-4.197	198.038	-150.00	-4.000	198.333	-2.00	2345+0.000	198.413	198.099	0.314	4.000	198.333	-2.00	4.115	198.160	-150.00
-4.220	197.564	-150.00	-4.000	197.895	-2.00	2346+0.000	197.975	197.618	0.357	4.000	197.895	-2.00	4.150	197.670	-150.00
-4.265	197.086	-150.00	-4.000	197.483	-2.00	2347+0.000	197.563	197.174	0.390	4.000	197.483	-2.00	4.150	197.259	-150.00
-4.283	196.795	-150.00	-4.000	197.219	-2.00	2348+0.000	197.299	196.907	0.392	4.000	197.219	-2.00	4.135	197.016	-150.00
-4.270	196.763	-150.00	-4.000	197.169	-2.00	2349+0.000	197.249	196.855	0.394	4.000	197.169	-2.00	4.150	196.944	-150.00
-4.272	196.865	-150.00	-4.000	197.272	-2.00	2350+0.000	197.352	196.956	0.396	4.000	197.272	-2.00	4.151	197.045	-150.00
-4.277	197.043	-150.00	-4.000	197.458	-2.00	2351+0.000	197.538	197.127	0.411	4.000	197.458	-2.00	4.166	197.209	-150.00
-4.271	197.115	-150.00	-4.000	197.522	-2.00	2352+0.000	197.602	197.179	0.424	4.000	197.522	-2.00	4.188	197.241	-150.00
-4.268	197.053	-150.00	-4.000	197.455	-2.00	2353+0.000	197.535	197.114	0.421	4.000	197.455	-2.00	4.172	197.198	-150.00
-4.271	196.956	-150.00	-4.000	197.362	-2.00	2354+0.000	197.442	197.060	0.382	4.000	197.362	-2.00	4.134	197.161	-150.00
-4.283	196.844	-150.00	-4.000	197.269	-2.00	2355+0.000	197.349	196.946	0.403	4.000	197.269	-2.00	4.148	197.047	-150.00
-4.290	196.741	-150.00	-4.000	197.176	-2.00	2356+0.000	197.256	196.836	0.419	4.000	197.176	-2.00	4.173	196.917	-150.00
-4.247	196.713	-150.00	-4.000	197.083	-2.00	2357+0.000	197.163	196.796	0.366	4.000	197.083	-2.00	4.137	196.877	-150.00
-4.310	196.426	-150.00	-4.000	196.891	-2.00	2358+0.000	196.971	196.580	0.391	4.000	196.891	-2.00	4.110	196.726	-150.00
-4.318	195.982	-150.00	-4.000	196.458	-2.00	2359+0.000	196.538	196.151	0.387	4.000	196.458	-2.00	4.097	196.313	-150.00
-4.257	195.977	-150.00	-4.000	196.363	-2.00	2360+0.000	196.443	196.121	0.323	4.000	196.363	-2.00	4.065	196.266	-150.00
-4.340	195.746	-150.00	-4.000	196.256	-2.00	2361+0.000	196.336	195.942	0.395	4.000	196.256	-2.00	4.087	196.126	-150.00
-4.338	195.570	-150.00	-4.000	196.077	-2.00	2362+0.000	196.157	195.758	0.399	4.000	196.077	-2.00	4.094	195.935	-150.00
-4.307	195.302	-150.00	-4.000	195.763	-2.00	2363+0.000	195.843	195.488	0.354	4.000	195.763	-2.00	4.065	195.664	-150.00
-4.226	195.014	-150.00	-4.000	195.353	-2.00	2364+0.000	195.433	195.187	0.246	4.000	195.353	-2.00			
-4.269	194.541	-150.00	-4.000	194.944	-2.00	2365+0.000	195.024	194.709	0.315	4.000	194.944	-2.00	4.043	194.879	-150.00
-4.215	194.159	-150.00	-4.000	194.482	-2.00	2366+0.000	194.562	194.286	0.276	4.000	194.482	-2.00	4.050	194.407	-150.00
-4.130	193.748	-150.00	-4.000	193.943	-2.00	2367+0.000	194.023	193.864	0.160	4.000	193.943	-2.00	4.051	193.977	66.67
-4.176	193.140	-150.00	-4.000	193.405	-2.00	2368+0.000	193.485	193.222	0.263	4.000	193.405	-2.00	4.069	193.302	-150.00
-4.219	192.537	-150.00	-4.000	192.866	-2.00	2369+0.000	192.946	192.619	0.327	4.000	192.866	-2.00	4.111	192.699	-150.00
-4.253	192.050	-150.00	-4.000	192.430	-2.00	2370+0.000	192.510	192.124	0.386	4.000	192.430	-2.00	4.180	192.160	-150.00
-4.254	191.910	-150.00	-4.000	192.291	-2.00	2371+0.000	192.371	191.987	0.384	4.000	192.291	-2.00	4.163	192.046	-150.00
-4.217	192.036	-150.00	-4.000	192.361	-2.00	2372+0.000	192.441	191.998	0.443	4.000	192.361	-2.00	4.254	191.980	-150.00
-4.246	192.644	-150.00	-4.000	193.013	-2.00	2373+0.000	193.093	192.656	0.437	4.000	193.013	-2.00	4.206	192.704	-150.00
-4.251	193.286	-150.00	-4.000	193.664	-2.00	2374+0.000	193.744	193.377	0.367	4.000	193.664	-2.00	4.134	193.463	-150.00
-4.268	193.711	-150.00	-4.000	194.112	-2.00	2375+0.000	194.192	193.805	0.387	4.000	194.112	-2.00	4.144	193.896	-150.00
-4.276	193.943	-150.00	-4.000	194.358	-2.00	2376+0.000	194.438	194.044	0.394	4.000	194.358	-2.00	4.144	194.142	-150.00
-4.281	194.034	-150.00	-4.000	194.456	-2.00	2377+0.000	194.536	194.141	0.394	4.000	194.456	-2.00	4.140	194.245	-150.00
-4.288	194.033	-150.00	-4.000	194.465	-2.00	2378+0.000	194.545	194.144	0.401	4.000	194.465	-2.00	4.142	194.252	-150.00
-4.354	193.836	-150.00	-4.000	194.367	-2.00	2379+0.000	194.447	194.024	0.423	4.000	194.367	-2.00	4.151	194.141	-150.00
-4.406	193.604	-150.00	-4.000	194.213	-2.00	2380+0.000	194.293	193.769	0.525	4.000	194.213	-2.00	4.193	193.924	-150.00
-4.332	193.562	-150.00	-4.000	194.060	-2.00	2381+0.000	194.140	193.714	0.426	4.000	194.060	-2.00	4.137	193.855	-150.00
-4.306	193.358	-150.00	-4.000	193.817	-2.00	2382+0.000	193.897	193.500	0.397	4.000	193.817	-2.00	4.125	193.630	-150.00
-4.346	192.635	-150.00	-4.000	193.154	-2.00	2383+0.000	193.234	192.775	0.459	4.000	193.154	-2.00	4.163	192.909	-150.00
-4.346	191.626	-150.00	-4.000	192.145	-2.00	2384+0.000	192.225	191.835	0.390	4.000	192.145	-2.00	4.076	192.031	-150.00
-4.363	190.357	-150.00	-4.000	190.901	-2.00	2385+0.000	190.981	190.572	0.410	4.000	190.901	-2.00	4.076	190.787	-150.00
-4.473	188.973	-150.00	-4.000	189.683	-2.00	2386+0.000	189.763	189.384	0.379	4.000	189.683	-2.00	4.086	189.740	66.67
-4.482	188.172	-150.00	-4.000	188.896	-2.00	2387+0.000	188.976	188.579	0.397	4.000	188.896	-2.00	4.078	188.948	66.67
-4.435	187.604	-150.00	-4.000	188.257	-2.00	2388+0.000	188.337	187.956	0.382	4.000	188.257	-2.00	4.032	188.279	66.67
-4.426	186.832	-150.00	-4.000	187.471	-2.00	2389+0.000	187.551	187.179	0.372	4.000	187.471	-2.00	4.038	187.496	66.67
-4.349	186.351	-150.00	-4.000	186.875	-2.00	2390+0.000	186.955	186.568	0.387	4.000	186.875	-2.00	4.029	186.894	66.67
-4.268	186.615	-150.00	-4.000	187.017	-2.00	2391+0.000	187.097	186.803	0.293	4.000	187.017	-2.00	4.024	186.981	-150.00
-4.319	186.769	-150.00	-4.000	187.248	-2.00	2392+0.000	187.328	186.932	0.396	4.000	187.248	-2.00	4.125	187.059	-150.00
-4.296	187.858	-150.00	-4.000	188.302	-2.00	2393+0.000	188.382	188.015	0.367	4.000	188.302	-2.00	4.092	188.165	-150.00
-4.344	189.033	-150.00	-4.000	189.550	-2.00	2394+0.000	189.630	189.201	0.429	4.000	189.550	-2.00	4.126	189.360	-150.00
-4.383	190.185	-150.00	-4.000	190.759	-2.00	2395+0.000	190.839	190.414	0.424	4.000	190.759	-2.00	4.087	190.629	-150.00
-4.451	190.969	-150.00	-4.000	191.646	-2.00	2396+0.000	191.726	191.262	0.464	4.000	191.646	-2.00	4.099	191.497	-150.00
-4.403	191.853	-150.00	-4.000	192.457	-2.00	2397+0.000	192.537	192.118	0.419	4.000	192.457	-2.00	4.090	192.322	-150.00
-4.400	192.546	-150.00	-4.000	193.146	-2.00	2398+0.000	193.226	192.796	0.430	4.000	193.146	-2.00	4.073	193.037	-150.00
-4.326	193.078	-150.00	-4.000	193.568	-2.00	2399+0.000	193.648	193.265	0.383	4.000	193.568	-2.00	4.085	193.441	-150.00
-4.315	193.365	-150.00	-4.000	193.837	-2.00	2400+0.000	193.917	193.533	0.384	4.000	193.837	-2.00	4.096	193.693	-150.00
-4.345	193.589	-150.00	-4.000	194.107	-2.00	2401+0.000	194.187	193.762	0.425	4.000	194.107	-2.00	4.121	193.925	-150.00
-4.335	193.522	-150.00	-4.000	194.025	-2.00	2402+0.000	194.105	193.683	0.421	4.000	194.025	-2.00	4.125	193.837	-150.00
-4.334	193.201	-150.00	-4.000	193.702	-2.00	2403+0.000	193.782	193.387	0.395	4.000	193.702	-2.00	4.121	193.520	-150.00
-4.279	192.759	-150.00	-4.000	193.177	-2.00	2404+0.000	193.257	192.870	0.387	4.000	193.177	-2.00	4.133	192.978	-150.00
-4.277	192.310	-150.00	-4.000	192.726	-2.00	2405+0.000	192.806	192.433	0.373	4.000	192.726	-2.00	4.116	192.552	-150.00
-4.262	191.903	-150.00	-4.000	192.296	-2.00	2406+0.000	192.376	192.025	0.350	4.000	192.296	-2.00	4.101	192.143	-150.00
-4.212	191.548	-150.00	-4.000	191.865	-2.00	2407+0.000	191.945	191.629	0.316	4.000	191.865	-2.00	4.106	191.706	-150.00
-4.182	191.162	-150.00	-4.000	191.435	-2.00	2408+0.000	191.515	191.243	0.272	4.000	191.435	-2.00	4.075	191.322	-150.00
-4.153	190.774	-150.00	-4.000	191.004	-2.00	2409+0.000	191.084	190.855	0.229	4.000	191.004	-2.00	4.048	190.932	-150.00
-4.120	190.393	-150.00	-4.000	190.574	-2.00	2410+0.000	190.654	190.479	0.175	4.000	190.574	-2.00	4.014	190.552	-150.00
-4.145	189.926	-150.00	-4.000	190.143	-2.00	2411+0.000	190.223	190.021	0.203	4.000	190.143	-2.00	4.020	190.113	-150.00
-4.208	189.401	-150.00	-4.000	189.713	-2.00	2412+0.000	189.793	189.548	0.245	4.000	189.713	-2.00	4.030	189.668	-150.00
-4.315	188.809	-150.00	-4.000	189.282	-2.00	2413+0.000	189.362	188.977	0.386	4.000	189.282	-2.00	4.098	189.136	-150.00
-4.338	188.425	-150.00	-4.000	188.932	-2.00	2414+0.000	189.012	188.618	0.394	4.000	188.932	-2.00	4.095	188.790	-150.00
-4.331	188.215	-150.00	-4.000	188.712	-2.00	2415+0.000	188.792	188.420	0.372	4.000	188.712	-2.00	4.066	188.612	-150.00
-4.341	188.150	-150.00	-4.000	188.661	-2.00	2416+0.000	188.741	188.325	0.416	4.000	188.661	-2.00	4.100	188.511	-150.00
-4.318	188.304	-150.00	-4.000	188.781	-2.00	2417+0.000	188.861	188.496	0.364	4.000	188.781	-2.00	4.069	188.677	-150.00
-4.307	188.609	-150.00	-4.000	189.070	-2.00	2418+0.000	189.150	188.748	0.402	4.000	189.070	-2.00	4.094	188.928	-150.00
-4.263	189.136	-150.00	-4.000	189.530	-2.00	2419+0.000	189.610	189.274	0.336	4.000	189.530	-2.00	4.082	189.406	-150.00
-4.279	189.676	-150.00	-4.000	190.094	-2.00	2420+0.000	190.174	189.815	0.360	4.000	190.094	-2.00	4.101	189.943	-150.00
-4.311	190.193	-150.00	-4.000	190.660	-2.00	2421+0.000	190.740	190.335	0.405	4.000	190.660	-2.00	4.127	190.470	-150.00
-4.243	190.621	-150.00	-4.000	190.984	-2.00	2422+0.000	191.064	190.729	0.335	4.000	190.984	-2.00	4.101	190.833	-150.00

Osvaldo Leôncio da S[illegible]
Diretor da Unidade de P[illegible]s
Projetos e Obras - [illegible]
Secretaria das Cidades (Cidade

-4.172	190.909	-150.00	-4.000	191.168	-2.00	2423+0.000	191.248	191.029	0.219	4.000	191.168	-2.00	4.016	191.144	-150.00
-4.151	191.125	-150.00	-4.000	191.352	-2.00	2424+0.000	191.432	191.191	0.241	4.000	191.352	-2.00	4.064	191.256	-150.00
-4.303	190.974	-150.00	-4.000	191.429	-2.00	2425+0.000	191.509	191.090	0.419	4.000	191.429	-2.00	4.152	191.201	-150.00
-4.172	191.081	-150.00	-4.000	191.339	-2.00	2426+0.000	191.419	191.139	0.281	4.000	191.339	-2.00	4.096	191.195	-150.00
-4.243	190.885	-150.00	-4.000	191.250	-2.00	2427+0.000	191.330	190.960	0.369	4.000	191.250	-2.00	4.144	191.034	-150.00
-4.148	190.842	-150.00	-4.000	191.064	-2.00	2428+0.000	191.144	190.918	0.226	4.000	191.064	-2.00	4.062	190.971	-150.00
-4.237	190.500	-150.00	-4.000	190.855	-2.00	2429+0.000	190.935	190.633	0.301	4.000	190.855	-2.00	4.062	190.762	-150.00
-4.344	190.609	-150.00	-4.000	191.125	-2.00	2430+0.000	191.205	190.794	0.410	4.000	191.125	-2.00	4.104	190.970	-150.00
-4.405	190.735	-150.00	-4.000	191.342	-2.00	2431+0.000	191.422	190.978	0.444	4.000	191.342	-2.00	4.068	191.241	-150.00
-4.390	190.945	-150.00	-4.000	191.530	-2.00	2432+0.000	191.610	191.206	0.404	4.000	191.530	-2.00	4.047	191.460	-150.00
-4.434	191.284	-150.00	-4.000	191.936	-2.00	2433+0.000	192.016	191.612	0.404	4.000	191.936	-2.00	4.055	191.853	-150.00
-4.485	191.475	-150.00	-4.000	192.203	-2.00	2434+0.000	192.283	191.877	0.406	4.000	192.203	-2.00	4.016	192.179	-150.00
-4.434	191.767	-150.00	-4.000	192.418	-2.00	2435+0.000	192.498	192.087	0.411	4.000	192.418	-2.00	4.027	192.378	-150.00
-4.471	192.543	-150.00	-4.000	193.250	-2.00	2436+0.000	193.330	192.922	0.408	4.000	193.250	-2.00			
-4.432	192.355	-150.00	-4.000	193.002	-2.00	2437+0.000	193.082	192.666	0.417	4.000	193.002	-2.00	4.036	192.948	-150.00
-4.432	191.990	-150.00	-4.000	192.637	-2.00	2438+0.000	192.717	192.329	0.388	4.000	192.637	-2.00			
-4.347	191.752	-150.00	-4.000	192.272	-2.00	2439+0.000	192.352	192.033	0.320	4.000	192.272	-2.00	4.030	192.292	66.67
-4.355	191.354	-150.00	-4.000	191.886	-2.00	2440+0.000	191.966	191.606	0.360	4.000	191.886	-2.00	4.024	191.851	-150.00
-4.260	191.057	-150.00	-4.000	191.448	-2.00	2441+0.000	191.528	191.264	0.264	4.000	191.448	-2.00	4.016	191.458	66.67
-4.339	190.501	-150.00	-4.000	191.009	-2.00	2442+0.000	191.089	190.722	0.367	4.000	191.009	-2.00	4.054	190.928	-150.00
-4.243	190.206	-150.00	-4.000	190.570	-2.00	2443+0.000	190.650	190.283	0.368	4.000	190.570	-2.00	4.183	190.295	-150.00
-4.208	189.820	-150.00	-4.000	190.132	-2.00	2444+0.000	190.212	189.833	0.379	4.000	190.132	-2.00	4.191	189.846	-150.00
-4.234	189.537	-150.00	-4.000	189.888	-2.00	2445+0.000	189.968	189.578	0.390	4.000	189.888	-2.00	4.179	189.619	-150.00
-4.222	189.507	-150.00	-4.000	189.840	-2.00	2446+0.000	189.920	189.526	0.394	4.000	189.840	-2.00	4.181	189.568	-150.00
-4.223	189.858	-150.00	-4.000	190.192	-2.00	2447+0.000	190.272	189.872	0.400	4.000	190.192	-2.00	4.203	189.887	-150.00
-4.240	190.240	-150.00	-4.000	190.600	-2.00	2448+0.000	190.680	190.275	0.405	4.000	190.600	-2.00	4.193	190.310	-150.00
-4.253	190.731	-150.00	-4.000	191.111	-2.00	2449+0.000	191.191	190.781	0.410	4.000	191.111	-2.00	4.187	190.830	-150.00
-4.248	191.177	-150.00	-4.000	191.549	-2.00	2450+0.000	191.629	191.213	0.416	4.000	191.549	-2.00	4.175	191.286	-150.00
-4.266	191.533	-150.00	-4.000	191.933	-2.00	2451+0.000	192.013	191.600	0.412	4.000	191.933	-2.00	4.169	191.679	-150.00
-4.277	191.871	-150.00	-4.000	192.286	-2.00	2452+0.000	192.366	191.952	0.414	4.000	192.286	-2.00	4.169	192.033	-150.00
-4.297	192.102	-150.00	-4.000	192.547	-2.00	2453+0.000	192.627	192.185	0.442	4.000	192.547	-2.00	4.187	192.266	-150.00
-4.326	192.318	-150.00	-4.000	192.807	-2.00	2454+0.000	192.887	192.409	0.478	4.000	192.807	-2.00	4.207	192.497	-150.00
-4.371	192.511	-150.00	-4.000	193.067	-2.00	2455+0.000	193.147	192.609	0.538	4.000	193.067	-2.00	4.242	192.705	-150.00
-4.427	192.686	-150.00	-4.000	193.327	-2.00	2456+0.000	193.407	192.791	0.616	4.000	193.327	-2.00	4.289	192.893	-150.00
-4.462	192.894	-150.00	-4.000	193.587	-2.00	2457+0.000	193.667	192.998	0.669	4.000	193.587	-2.00	4.323	193.102	-150.00
-4.473	193.137	-150.00	-4.000	193.847	-2.00	2458+0.000	193.927	193.244	0.683	4.000	193.847	-2.00	4.333	193.348	-150.00
-4.488	193.375	-150.00	-4.000	194.107	-2.00	2459+0.000	194.187	193.481	0.706	4.000	194.107	-2.00	4.349	193.584	-150.00
-4.461	193.676	-150.00	-4.000	194.367	-2.00	2460+0.000	194.447	193.773	0.674	4.000	194.367	-2.00	4.333	193.867	-150.00
-4.394	194.035	-150.00	-4.000	194.627	-2.00	2461+0.000	194.707	194.118	0.589	4.000	194.627	-2.00	4.286	194.198	-150.00
-4.333	194.387	-150.00	-4.000	194.887	-2.00	2462+0.000	194.967	194.463	0.504	4.000	194.887	-2.00	4.233	194.538	-150.00
-4.290	194.711	-150.00	-4.000	195.147	-2.00	2463+0.000	195.227	194.791	0.436	4.000	195.147	-2.00	4.182	194.873	-150.00
-4.299	194.959	-150.00	-4.000	195.407	-2.00	2464+0.000	195.487	195.044	0.443	4.000	195.407	-2.00	4.186	195.127	-150.00
-4.302	195.214	-150.00	-4.000	195.667	-2.00	2465+0.000	195.747	195.293	0.454	4.000	195.667	-2.00	4.197	195.372	-150.00
-4.274	195.517	-150.00	-4.000	195.927	-2.00	2466+0.000	196.007	195.592	0.415	4.000	195.927	-2.00	4.174	195.666	-150.00
-4.283	195.747	-150.00	-4.000	196.172	-2.00	2467+0.000	196.252	195.849	0.403	4.000	196.172	-2.00	4.155	195.939	-150.00
-4.282	195.940	-150.00	-4.000	196.363	-2.00	2468+0.000	196.443	196.037	0.406	4.000	196.363	-2.00	4.154	196.132	-150.00
-4.301	196.049	-150.00	-4.000	196.500	-2.00	2469+0.000	196.580	196.170	0.410	4.000	196.500	-2.00	4.130	196.306	-150.00
-4.305	196.243	-150.00	-4.000	196.701	-2.00	2470+0.000	196.781	196.378	0.403	4.000	196.701	-2.00	4.132	196.503	-150.00
-4.338	196.445	-150.00	-4.000	196.952	-2.00	2471+0.000	197.032	196.626	0.406	4.000	196.952	-2.00	4.115	196.779	-150.00
-4.384	196.520	-150.00	-4.000	197.095	-2.00	2472+0.000	197.175	196.709	0.466	4.000	197.095	-2.00	4.138	196.888	-150.00
-4.422	196.607	-150.00	-4.000	197.239	-2.00	2473+0.000	197.319	196.818	0.501	4.000	197.239	-2.00	4.149	197.016	-150.00
-4.356	196.849	-150.00	-4.000	197.383	-2.00	2474+0.000	197.463	197.057	0.407	4.000	197.383	-2.00	4.088	197.252	-150.00
-4.340	197.229	-150.00	-4.000	197.738	-2.00	2475+0.000	197.818	197.404	0.414	4.000	197.738	-2.00	4.092	197.599	-150.00
-4.317	197.678	-150.00	-4.000	198.154	-2.00	2476+0.000	198.234	197.854	0.380	4.000	198.154	-2.00	4.086	198.024	-150.00
-4.242	198.207	-150.00	-4.000	198.570	-2.00	2477+0.000	198.650	198.355	0.295	4.000	198.570	-2.00	4.049	198.496	-150.00
-4.251	198.609	-150.00	-4.000	198.985	-2.00	2478+0.000	199.065	198.743	0.322	4.000	198.985	-2.00	4.075	198.872	-150.00
-4.307	198.918	-150.00	-4.000	199.378	-2.00	2479+0.000	199.458	199.052	0.406	4.000	199.378	-2.00	4.131	199.181	-150.00
-4.260	199.128	-150.00	-4.000	199.517	-2.00	2480+0.000	199.597	199.223	0.375	4.000	199.517	-2.00	4.129	199.324	-150.00
-4.173	199.275	-150.00	-4.000	199.535	-2.00	2481+0.000	199.615	199.346	0.269	4.000	199.535	-2.00	4.080	199.415	-150.00
-4.266	199.154	-150.00	-4.000	199.553	-2.00	2482+0.000	199.633	199.251	0.381	4.000	199.553	-2.00	4.134	199.351	-150.00
-4.274	199.016	-150.00	-4.000	199.427	-2.00	2483+0.000	199.507	199.109	0.398	4.000	199.427	-2.00	4.152	199.199	-150.00
-4.216	198.844	-150.00	-4.000	199.167	-2.00	2484+0.000	199.247	198.853	0.394	4.000	199.167	-2.00	4.154	198.936	-150.00
-4.156	198.919	-150.00	-4.000	199.153	-2.00	2485+0.000	199.233	198.912	0.322	4.000	199.153	-2.00	4.166	198.904	-150.00
-4.123	198.959	-150.00	-4.000	199.144	-2.00	2486+0.000	199.224	198.961	0.263	4.000	199.144	-2.00	4.120	198.963	-150.00
-4.079	199.015	-150.00	-4.000	199.134	-2.00	2487+0.000	199.214	199.020	0.194	4.000	199.134	-2.00	4.073	199.025	-150.00
-4.086	198.995	-150.00	-4.000	199.124	-2.00	2488+0.000	199.204	199.025	0.179	4.000	199.124	-2.00	4.066	199.025	-150.00
-4.166	198.867	-150.00	-4.000	199.115	-2.00	2489+0.000	199.195	198.923	0.272	4.000	199.115	-2.00	4.091	198.978	-150.00
-4.253	198.662	-150.00	-4.000	199.043	-2.00	2490+0.000	199.123	198.734	0.389	4.000	199.043	-2.00	4.171	198.786	-150.00
-4.211	198.130	-150.00	-4.000	198.447	-2.00	2491+0.000	198.527	198.184	0.343	4.000	198.447	-2.00	4.140	198.238	-150.00
-4.369	197.496	-150.00	-4.000	198.050	-2.00	2492+0.000	198.130	197.716	0.414	4.000	198.050	-2.00	4.085	197.922	-150.00
-4.404	197.447	-150.00	-4.000	198.053	-2.00	2493+0.000	198.133	197.724	0.409	4.000	198.053	-2.00	4.049	197.979	-150.00
-4.440	197.217	-150.00	-4.000	197.876	-2.00	2494+0.000	197.956	197.531	0.425	4.000	197.876	-2.00	4.051	197.799	-150.00
-4.436	197.046	-150.00	-4.000	197.700	-2.00	2495+0.000	197.780	197.361	0.418	4.000	197.700	-2.00	4.034	197.648	-150.00
-4.407	196.911	-150.00	-4.000	197.522	-2.00	2496+0.000	197.602	197.209	0.393	4.000	197.522	-2.00	4.027	197.482	-150.00
-4.391	196.571	-150.00	-4.000	197.157	-2.00	2497+0.000	197.237	196.859	0.378	4.000	197.157	-2.00	4.023	197.123	-150.00
-4.366	196.215	-150.00	-4.000	196.764	-2.00	2498+0.000	196.844	196.482	0.362	4.000	196.764	-2.00	4.024	196.728	-150.00
-4.381	195.805	-150.00	-4.000	196.377	-2.00	2499+0.000	196.457	196.073	0.384	4.000	196.377	-2.00	4.090	196.243	-150.00
-4.339	195.546	-150.00	-4.000	196.055	-2.00	2500+0.000	196.135	195.762	0.373	4.000	196.055	-2.00	4.093	195.915	-150.00
-4.353	195.202	-150.00	-4.000	195.732	-2.00	2501+0.000	195.812	195.395	0.417	4.000	195.732	-2.00	4.131	195.536	-150.00
-4.333	194.906	-150.00	-4.000	195.405	-2.00	2502+0.000	195.485	195.095	0.390	4.000	195.405	-2.00	4.104	195.249	-150.00
-4.258	194.511	-150.00	-4.000	194.898	-2.00	2503+0.000	194.978	194.590	0.389	4.000	194.898	-2.00	4.101	194.747	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Prog[illegible]
Projetos e Obras - DUP[illegible]
Secretaria das Cidades (Secid)

-4.240	194.307	-150.00	-4.000	194.667	-2.00	2504+0.000	194.747	194.402	0.345	4.000	194.667	-2.00	4.103	194.512	-150.00
-4.232	194.394	-150.00	-4.000	194.742	-2.00	2505+0.000	194.822	194.478	0.344	4.000	194.742	-2.00	4.122	194.560	-150.00
-4.254	194.436	-150.00	-4.000	194.817	-2.00	2506+0.000	194.897	194.518	0.380	4.000	194.817	-2.00	4.146	194.598	-150.00
-4.242	194.802	-150.00	-4.000	195.166	-2.00	2507+0.000	195.246	194.832	0.414	4.000	195.166	-2.00	4.202	194.864	-150.00
-4.278	196.036	-150.00	-4.000	196.453	-2.00	2508+0.000	196.533	196.122	0.411	4.000	196.453	-2.00	4.165	196.206	-150.00
-4.271	197.437	-150.00	-4.000	197.844	-2.00	2509+0.000	197.924	197.498	0.426	4.000	197.844	-2.00	4.191	197.557	-150.00
-4.318	198.972	-150.00	-4.000	199.449	-2.00	2510+0.000	199.529	199.096	0.433	4.000	199.449	-2.00	4.156	199.215	-150.00
-4.433	199.727	-150.00	-4.000	200.377	-2.00	2511+0.000	200.457	200.029	0.428	4.000	200.377	-2.00	4.048	200.304	-150.00
-4.434	199.978	-150.00	-4.000	200.629	-2.00	2512+0.000	200.709	200.306	0.404	4.000	200.629	-2.00	4.025	200.592	-150.00
-4.361	200.091	-150.00	-4.000	200.632	-2.00	2513+0.000	200.712	200.368	0.344	4.000	200.632	-2.00	4.006	200.622	-150.00
-4.245	200.107	-150.00	-4.000	200.474	-2.00	2514+0.000	200.554	200.338	0.216	4.000	200.474	-2.00	4.134	200.564	66.67
-4.343	199.802	-150.00	-4.000	200.317	-2.00	2515+0.000	200.397	200.027	0.370	4.000	200.317	-2.00	4.053	200.237	-150.00
-4.320	199.511	-150.00	-4.000	199.990	-2.00	2516+0.000	200.070	199.661	0.409	4.000	199.990	-2.00	4.109	199.827	-150.00
-4.281	199.139	-150.00	-4.000	199.560	-2.00	2517+0.000	199.640	199.267	0.373	4.000	199.560	-2.00	4.114	199.390	-150.00
-4.249	198.896	-150.00	-4.000	199.270	-2.00	2518+0.000	199.350	199.018	0.331	4.000	199.270	-2.00	4.122	199.086	-150.00
-4.260	198.599	-150.00	-4.000	198.988	-2.00	2519+0.000	199.068	198.685	0.383	4.000	198.988	-2.00	4.146	198.769	-150.00
-4.266	198.508	-150.00	-4.000	198.906	-2.00	2520+0.000	198.986	198.596	0.390	4.000	198.906	-2.00	4.148	198.684	-150.00
-4.261	198.763	-150.00	-4.000	199.155	-2.00	2521+0.000	199.235	198.845	0.389	4.000	199.155	-2.00	4.132	198.957	-150.00
-4.219	199.354	-150.00	-4.000	199.682	-2.00	2522+0.000	199.762	199.413	0.349	4.000	199.682	-2.00	4.140	199.472	-150.00
-4.235	199.857	-150.00	-4.000	200.209	-2.00	2523+0.000	200.289	199.879	0.409	4.000	200.209	-2.00	4.204	199.903	-150.00
-4.220	200.338	-150.00	-4.000	200.668	-2.00	2524+0.000	200.748	200.339	0.409	4.000	200.668	-2.00	4.219	200.340	-150.00
-4.223	200.698	-150.00	-4.000	201.033	-2.00	2525+0.000	201.113	200.699	0.414	4.000	201.033	-2.00	4.228	200.691	-150.00
-4.257	200.774	-150.00	-4.000	201.160	-2.00	2526+0.000	201.240	200.847	0.393	4.000	201.160	-2.00	4.205	200.853	-150.00
-4.229	200.502	-150.00	-4.000	200.846	-2.00	2527+0.000	200.926	200.573	0.353	4.000	200.846	-2.00	4.137	200.640	-150.00
-4.163	200.242	-150.00	-4.000	200.487	-2.00	2528+0.000	200.567	200.298	0.268	4.000	200.487	-2.00	4.089	200.354	-150.00
-4.200	199.828	-150.00	-4.000	200.127	-2.00	2529+0.000	200.207	199.915	0.293	4.000	200.127	-2.00	4.085	199.999	-150.00
-4.230	199.423	-150.00	-4.000	199.768	-2.00	2530+0.000	199.848	199.513	0.335	4.000	199.768	-2.00	4.112	199.601	-150.00
-4.245	199.073	-150.00	-4.000	199.440	-2.00	2531+0.000	199.520	199.152	0.368	4.000	199.440	-2.00	4.141	199.229	-150.00
-4.159	198.973	-150.00	-4.000	199.212	-2.00	2532+0.000	199.292	198.986	0.305	4.000	199.212	-2.00	4.142	198.999	-150.00
-4.200	198.683	-150.00	-4.000	198.983	-2.00	2533+0.000	199.063	198.708	0.355	4.000	198.983	-2.00	4.166	198.734	-150.00
-4.203	198.449	-150.00	-4.000	198.754	-2.00	2534+0.000	198.834	198.516	0.318	4.000	198.754	-2.00	4.115	198.582	-150.00
-4.229	198.182	-150.00	-4.000	198.525	-2.00	2535+0.000	198.605	198.245	0.361	4.000	198.525	-2.00	4.142	198.312	-150.00
-4.261	197.903	-150.00	-4.000	198.294	-2.00	2536+0.000	198.374	197.983	0.391	4.000	198.294	-2.00	4.155	198.062	-150.00
-4.256	197.674	-150.00	-4.000	198.058	-2.00	2537+0.000	198.138	197.754	0.384	4.000	198.058	-2.00	4.146	197.838	-150.00
-4.262	197.510	-150.00	-4.000	197.903	-2.00	2538+0.000	197.983	197.648	0.335	4.000	197.903	-2.00	4.081	197.781	-150.00
-4.254	197.431	-150.00	-4.000	197.812	-2.00	2539+0.000	197.892	197.572	0.319	4.000	197.812	-2.00	4.069	197.707	-150.00
-4.329	197.341	-150.00	-4.000	197.835	-2.00	2540+0.000	197.915	197.508	0.407	4.000	197.835	-2.00	4.096	197.691	-150.00
-4.354	197.530	-150.00	-4.000	198.061	-2.00	2541+0.000	198.141	197.702	0.439	4.000	198.061	-2.00	4.115	197.889	-150.00
-4.366	197.739	-150.00	-4.000	198.288	-2.00	2542+0.000	198.368	197.904	0.465	4.000	198.288	-2.00	4.148	198.066	-150.00
-4.332	198.017	-150.00	-4.000	198.515	-2.00	2543+0.000	198.595	198.178	0.416	4.000	198.515	-2.00	4.124	198.329	-150.00
-4.296	198.297	-150.00	-4.000	198.741	-2.00	2544+0.000	198.821	198.466	0.356	4.000	198.741	-2.00	4.068	198.639	-150.00
-4.316	198.494	-150.00	-4.000	198.968	-2.00	2545+0.000	199.048	198.655	0.393	4.000	198.968	-2.00	4.107	198.807	-150.00
-4.319	198.692	-150.00	-4.000	199.170	-2.00	2546+0.000	199.250	198.849	0.401	4.000	199.170	-2.00	4.116	198.996	-150.00
-4.309	198.596	-150.00	-4.000	199.059	-2.00	2547+0.000	199.139	198.740	0.399	4.000	199.059	-2.00	4.121	198.878	-150.00
-4.320	198.346	-150.00	-4.000	198.825	-2.00	2548+0.000	198.905	198.478	0.427	4.000	198.825	-2.00	4.154	198.595	-150.00
-4.317	198.076	-150.00	-4.000	198.551	-2.00	2549+0.000	198.631	198.207	0.424	4.000	198.551	-2.00	4.145	198.332	-150.00
-4.306	197.816	-150.00	-4.000	198.276	-2.00	2550+0.000	198.356	197.951	0.405	4.000	198.276	-2.00	4.131	198.079	-150.00
-4.284	197.582	-150.00	-4.000	198.008	-2.00	2551+0.000	198.088	197.695	0.393	4.000	198.008	-2.00	4.131	197.812	-150.00
-4.282	197.386	-150.00	-4.000	197.810	-2.00	2552+0.000	197.890	197.498	0.392	4.000	197.810	-2.00	4.138	197.602	-150.00
-4.280	197.155	-150.00	-4.000	197.576	-2.00	2553+0.000	197.656	197.265	0.391	4.000	197.576	-2.00	4.137	197.371	-150.00
-4.283	196.862	-150.00	-4.000	197.287	-2.00	2554+0.000	197.367	196.973	0.394	4.000	197.287	-2.00	4.133	197.087	-150.00
-4.288	196.627	-150.00	-4.000	197.060	-2.00	2555+0.000	197.140	196.744	0.396	4.000	197.060	-2.00	4.129	196.866	-150.00
-4.296	196.408	-150.00	-4.000	196.852	-2.00	2556+0.000	196.932	196.540	0.392	4.000	196.852	-2.00	4.117	196.676	-150.00
-4.293	196.337	-150.00	-4.000	196.776	-2.00	2557+0.000	196.856	196.462	0.394	4.000	196.776	-2.00	4.129	196.583	-150.00
-4.293	196.276	-150.00	-4.000	196.716	-2.00	2558+0.000	196.796	196.409	0.387	4.000	196.716	-2.00	4.119	196.536	-150.00
-4.277	196.333	-150.00	-4.000	196.748	-2.00	2559+0.000	196.828	196.422	0.406	4.000	196.748	-2.00	4.143	196.533	-150.00
-4.273	196.492	-150.00	-4.000	196.901	-2.00	2560+0.000	196.981	196.586	0.395	4.000	196.901	-2.00	4.149	196.677	-150.00
-4.267	196.774	-150.00	-4.000	197.174	-2.00	2561+0.000	197.254	196.858	0.396	4.000	197.174	-2.00	4.156	196.941	-150.00
-4.276	197.134	-150.00	-4.000	197.549	-2.00	2562+0.000	197.629	197.198	0.431	4.000	197.549	-2.00	4.182	197.277	-150.00
-4.268	197.447	-150.00	-4.000	197.849	-2.00	2563+0.000	197.929	197.523	0.405	4.000	197.849	-2.00	4.172	197.590	-150.00
-4.224	197.516	-150.00	-4.000	197.852	-2.00	2564+0.000	197.932	197.585	0.347	4.000	197.852	-2.00	4.133	197.653	-150.00
-4.225	197.503	-150.00	-4.000	197.840	-2.00	2565+0.000	197.920	197.563	0.358	4.000	197.840	-2.00	4.146	197.621	-150.00
-4.274	197.327	-150.00	-4.000	197.738	-2.00	2566+0.000	197.818	197.429	0.388	4.000	197.738	-2.00	4.148	197.516	-150.00
-4.223	196.914	-150.00	-4.000	197.247	-2.00	2567+0.000	197.327	196.976	0.352	4.000	197.247	-2.00	4.158	197.011	-150.00
-4.186	196.298	-150.00	-4.000	196.577	-2.00	2568+0.000	196.657	196.333	0.323	4.000	196.577	-2.00	4.140	196.366	-150.00
-4.214	195.584	-150.00	-4.000	195.906	-2.00	2569+0.000	195.986	195.621	0.365	4.000	195.906	-2.00	4.165	195.659	-150.00
-4.209	194.961	-150.00	-4.000	195.274	-2.00	2570+0.000	195.354	194.970	0.383	4.000	195.274	-2.00	4.196	194.980	-150.00
-4.211	194.406	-150.00	-4.000	194.724	-2.00	2571+0.000	194.804	194.412	0.391	4.000	194.724	-2.00	4.203	194.419	-150.00
-4.235	194.099	-150.00	-4.000	194.451	-2.00	2572+0.000	194.531	194.122	0.409	4.000	194.451	-2.00	4.205	194.144	-150.00
-4.208	193.920	-150.00	-4.000	194.233	-2.00	2573+0.000	194.313	193.899	0.414	4.000	194.233	-2.00	4.217	193.907	-150.00
-4.181	193.742	-150.00	-4.000	194.014	-2.00	2574+0.000	194.094	193.741	0.354	4.000	194.014	-2.00	4.183	193.739	-150.00
-4.192	193.511	-150.00	-4.000	193.799	-2.00	2575+0.000	193.879	193.475	0.404	4.000	193.799	-2.00	4.240	193.438	-150.00
-4.172	193.410	-150.00	-4.000	193.668	-2.00	2576+0.000	193.748	193.368	0.379	4.000	193.668	-2.00	4.228	193.326	-150.00
-4.224	193.313	-150.00	-4.000	193.650	-2.00	2577+0.000	193.730	193.311	0.419	4.000	193.650	-2.00	4.235	193.297	-150.00
-4.210	193.330	-150.00	-4.000	193.645	-2.00	2578+0.000	193.725	193.328	0.397	4.000	193.645	-2.00	4.227	193.304	-150.00
-4.225	193.166	-150.00	-4.000	193.504	-2.00	2579+0.000	193.584	193.192	0.391	4.000	193.504	-2.00	4.185	193.226	-150.00
-4.248	193.154	-150.00	-4.000	193.526	-2.00	2580+0.000	193.606	193.208	0.398	4.000	193.526	-2.00	4.206	193.217	-150.00
-4.308	193.397	-150.00	-4.000	193.859	-2.00	2581+0.000	193.939	193.420	0.519	4.000	193.859	-2.00	4.302	193.405	-150.00
-4.310	193.728	-150.00	-4.000	194.193	-2.00	2582+0.000	194.273	193.800	0.473	4.000	194.193	-2.00	4.216	193.869	-150.00
-4.323	194.200	-150.00	-4.000	194.685	-2.00	2583+0.000	194.765	194.299	0.466	4.000	194.685	-2.00	4.193	194.395	-150.00
-4.249	194.836	-150.00	-4.000	195.210	-2.00	2584+0.000	195.290	194.882	0.407	4.000	195.210	-2.00	4.187	194.929	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Projetos e Obras - [illegible]
Secretaria das Cidades [illegible]

-4.255	195.124	-150.00	-4.000	195.506	-2.00	2585+0.000	195.586	195.159	0.427	4.000	195.506	-2.00	4.208	195.194	-150.00
-4.253	195.374	-150.00	-4.000	195.753	-2.00	2586+0.000	195.833	195.438	0.395	4.000	195.753	-2.00	4.169	195.501	-150.00
-4.256	195.371	-150.00	-4.000	195.755	-2.00	2587+0.000	195.835	195.432	0.403	4.000	195.755	-2.00	4.175	195.492	-150.00
-4.264	195.301	-150.00	-4.000	195.698	-2.00	2588+0.000	195.778	195.382	0.396	4.000	195.698	-2.00	4.162	195.454	-150.00
-4.253	195.166	-150.00	-4.000	195.545	-2.00	2589+0.000	195.625	195.242	0.384	4.000	195.545	-2.00	4.153	195.316	-150.00
-4.245	195.056	-150.00	-4.000	195.423	-2.00	2590+0.000	195.503	195.103	0.400	4.000	195.423	-2.00	4.170	195.168	-150.00
-4.265	195.038	-150.00	-4.000	195.435	-2.00	2591+0.000	195.515	195.085	0.430	4.000	195.435	-2.00	4.186	195.156	-150.00
-4.265	195.069	-150.00	-4.000	195.466	-2.00	2592+0.000	195.546	195.118	0.428	4.000	195.466	-2.00	4.196	195.173	-150.00
-4.241	195.102	-150.00	-4.000	195.463	-2.00	2593+0.000	195.543	195.150	0.394	4.000	195.463	-2.00	4.178	195.197	-150.00
-4.234	195.038	-150.00	-4.000	195.390	-2.00	2594+0.000	195.470	195.124	0.346	4.000	195.390	-2.00	4.139	195.181	-150.00
-4.272	194.908	-150.00	-4.000	195.316	-2.00	2595+0.000	195.396	194.995	0.402	4.000	195.316	-2.00	4.158	195.079	-150.00
-4.300	194.780	-150.00	-4.000	195.229	-2.00	2596+0.000	195.309	194.905	0.404	4.000	195.229	-2.00	4.134	195.028	-150.00
-4.279	194.558	-150.00	-4.000	194.976	-2.00	2597+0.000	195.056	194.665	0.391	4.000	194.976	-2.00	4.137	194.770	-150.00
-4.287	194.139	-150.00	-4.000	194.570	-2.00	2598+0.000	194.650	194.278	0.372	4.000	194.570	-2.00	4.097	194.425	-150.00
-4.252	193.832	-150.00	-4.000	194.209	-2.00	2599+0.000	194.289	193.940	0.349	4.000	194.209	-2.00	4.110	194.045	-150.00
-4.271	193.455	-150.00	-4.000	193.861	-2.00	2600+0.000	193.941	193.566	0.376	4.000	193.861	-2.00	4.127	193.671	-150.00
-4.238	193.264	-150.00	-4.000	193.621	-2.00	2601+0.000	193.701	193.320	0.381	4.000	193.621	-2.00	4.164	193.375	-150.00
-4.246	193.052	-150.00	-4.000	193.421	-2.00	2602+0.000	193.501	193.108	0.393	4.000	193.421	-2.00	4.173	193.162	-150.00
-4.215	193.157	-150.00	-4.000	193.480	-2.00	2603+0.000	193.560	193.133	0.427	4.000	193.480	-2.00	4.247	193.109	-150.00
-4.254	193.289	-150.00	-4.000	193.670	-2.00	2604+0.000	193.750	193.266	0.484	4.000	193.670	-2.00	4.285	193.243	-150.00
-4.216	193.537	-150.00	-4.000	193.861	-2.00	2605+0.000	193.941	193.488	0.453	4.000	193.861	-2.00	4.278	193.444	-150.00
-4.194	193.760	-150.00	-4.000	194.052	-2.00	2606+0.000	194.132	193.719	0.412	4.000	194.052	-2.00	4.249	193.678	-150.00
-4.195	193.869	-150.00	-4.000	194.162	-2.00	2607+0.000	194.242	193.851	0.391	4.000	194.162	-2.00	4.219	193.833	-150.00
-4.154	193.971	-150.00	-4.000	194.201	-2.00	2608+0.000	194.281	193.946	0.336	4.000	194.201	-2.00	4.188	193.920	-150.00
-4.254	193.839	-150.00	-4.000	194.220	-2.00	2609+0.000	194.300	193.914	0.387	4.000	194.220	-2.00	4.156	193.987	-150.00
-4.189	193.807	-150.00	-4.000	194.090	-2.00	2610+0.000	194.170	193.835	0.335	4.000	194.090	-2.00	4.152	193.862	-150.00
-4.209	193.645	-150.00	-4.000	193.960	-2.00	2611+0.000	194.040	193.667	0.372	4.000	193.960	-2.00	4.181	193.689	-150.00
-4.228	193.491	-150.00	-4.000	193.833	-2.00	2612+0.000	193.913	193.517	0.395	4.000	193.833	-2.00	4.180	193.563	-150.00
-4.232	193.507	-150.00	-4.000	193.854	-2.00	2613+0.000	193.934	193.540	0.394	4.000	193.854	-2.00	4.187	193.573	-150.00
-4.236	193.641	-150.00	-4.000	193.996	-2.00	2614+0.000	194.076	193.677	0.399	4.000	193.996	-2.00	4.189	193.712	-150.00
-4.244	193.849	-150.00	-4.000	194.214	-2.00	2615+0.000	194.294	193.887	0.407	4.000	194.214	-2.00	4.193	193.925	-150.00
-4.240	194.053	-150.00	-4.000	194.413	-2.00	2616+0.000	194.493	194.089	0.404	4.000	194.413	-2.00	4.192	194.125	-150.00
-4.224	194.159	-150.00	-4.000	194.496	-2.00	2617+0.000	194.576	194.174	0.402	4.000	194.496	-2.00	4.206	194.188	-150.00
-4.220	194.055	-150.00	-4.000	194.386	-2.00	2618+0.000	194.466	194.068	0.398	4.000	194.386	-2.00	4.203	194.081	-150.00
-4.196	193.829	-150.00	-4.000	194.122	-2.00	2619+0.000	194.202	193.813	0.389	4.000	194.122	-2.00	4.228	193.781	-150.00
-4.194	193.379	-150.00	-4.000	193.670	-2.00	2620+0.000	193.750	193.338	0.412	4.000	193.670	-2.00	4.249	193.296	-150.00
-4.231	192.705	-150.00	-4.000	193.052	-2.00	2621+0.000	193.132	192.740	0.392	4.000	193.052	-2.00	4.191	192.766	-150.00
-4.201	191.821	-150.00	-4.000	192.123	-2.00	2622+0.000	192.203	191.830	0.373	4.000	192.123	-2.00	4.189	191.839	-150.00
-4.152	191.010	-150.00	-4.000	191.238	-2.00	2623+0.000	191.318	190.955	0.363	4.000	191.238	-2.00	4.217	190.912	-150.00
-4.260	190.644	-150.00	-4.000	191.034	-2.00	2624+0.000	191.114	190.687	0.427	4.000	191.034	-2.00	4.203	190.730	-150.00
-4.229	190.632	-150.00	-4.000	190.976	-2.00	2625+0.000	191.056	190.663	0.393	4.000	190.976	-2.00	4.181	190.705	-150.00
-4.293	190.765	-150.00	-4.000	191.204	-2.00	2626+0.000	191.284	190.832	0.452	4.000	191.204	-2.00	4.204	190.897	-150.00
-4.280	191.159	-150.00	-4.000	191.579	-2.00	2627+0.000	191.659	191.225	0.434	4.000	191.579	-2.00	4.193	191.290	-150.00
-4.247	191.584	-150.00	-4.000	191.954	-2.00	2628+0.000	192.034	191.677	0.357	4.000	191.954	-2.00	4.122	191.772	-150.00
-4.181	192.058	-150.00	-4.000	192.330	-2.00	2629+0.000	192.410	192.150	0.260	4.000	192.330	-2.00	4.057	192.244	-150.00
-4.153	192.475	-150.00	-4.000	192.705	-2.00	2630+0.000	192.785	192.602	0.183	4.000	192.705	-2.00	4.031	192.725	66.67
-4.183	192.805	-150.00	-4.000	193.080	-2.00	2631+0.000	193.160	192.935	0.225	4.000	193.080	-2.00	4.014	193.059	-150.00
-4.283	192.796	-150.00	-4.000	193.221	-2.00	2632+0.000	193.301	192.911	0.390	4.000	193.221	-2.00	4.112	193.053	-150.00
-4.279	192.380	-150.00	-4.000	192.798	-2.00	2633+0.000	192.878	192.502	0.376	4.000	192.798	-2.00	4.120	192.619	-150.00
-4.313	191.863	-150.00	-4.000	192.333	-2.00	2634+0.000	192.413	192.058	0.356	4.000	192.333	-2.00	4.062	192.241	-150.00
-4.303	191.413	-150.00	-4.000	191.868	-2.00	2635+0.000	191.948	191.615	0.333	4.000	191.868	-2.00	4.042	191.805	-150.00
-4.315	190.930	-150.00	-4.000	191.403	-2.00	2636+0.000	191.483	191.111	0.372	4.000	191.403	-2.00	4.081	191.282	-150.00
-4.373	190.571	-150.00	-4.000	191.130	-2.00	2637+0.000	191.210	190.825	0.384	4.000	191.130	-2.00	4.046	191.061	-150.00
-4.359	190.651	-150.00	-4.000	191.189	-2.00	2638+0.000	191.269	190.888	0.381	4.000	191.189	-2.00	4.044	191.124	-150.00
-4.331	190.894	-150.00	-4.000	191.391	-2.00	2639+0.000	191.471	191.171	0.300	4.000	191.391	-2.00	4.059	191.430	66.67
-4.400	191.021	-150.00	-4.000	191.621	-2.00	2640+0.000	191.701	191.291	0.410	4.000	191.621	-2.00	4.038	191.565	-150.00
-4.376	191.638	-150.00	-4.000	192.201	-2.00	2641+0.000	192.281	191.894	0.387	4.000	192.201	-2.00	4.047	192.130	-150.00
-4.336	192.490	-150.00	-4.000	192.994	-2.00	2642+0.000	193.074	192.658	0.417	4.000	192.994	-2.00	4.118	192.817	-150.00
-4.339	193.566	-150.00	-4.000	194.074	-2.00	2643+0.000	194.154	193.734	0.420	4.000	194.074	-2.00	4.120	193.893	-150.00
-4.385	194.480	-150.00	-4.000	195.058	-2.00	2644+0.000	195.138	194.717	0.421	4.000	195.058	-2.00	4.126	194.870	-150.00
-4.298	194.904	-150.00	-4.000	195.351	-2.00	2645+0.000	195.431	195.032	0.399	4.000	195.351	-2.00	4.128	195.159	-150.00
-4.256	195.254	-150.00	-4.000	195.638	-2.00	2646+0.000	195.718	195.413	0.304	4.000	195.638	-2.00	4.048	195.565	-150.00
-4.278	195.507	-150.00	-4.000	195.924	-2.00	2647+0.000	196.004	195.672	0.333	4.000	195.924	-2.00	4.064	195.828	-150.00
-4.336	195.706	-150.00	-4.000	196.211	-2.00	2648+0.000	196.291	195.896	0.395	4.000	196.211	-2.00	4.090	196.075	-150.00
-4.339	195.876	-150.00	-4.000	196.385	-2.00	2649+0.000	196.465	196.063	0.401	4.000	196.385	-2.00	4.098	196.238	-150.00
-4.326	196.064	-150.00	-4.000	196.554	-2.00	2650+0.000	196.634	196.224	0.410	4.000	196.554	-2.00	4.118	196.376	-150.00
-4.295	196.281	-150.00	-4.000	196.723	-2.00	2651+0.000	196.803	196.437	0.366	4.000	196.723	-2.00	4.092	196.585	-150.00
-4.268	196.490	-150.00	-4.000	196.893	-2.00	2652+0.000	196.973	196.611	0.361	4.000	196.893	-2.00	4.106	196.733	-150.00
-4.303	196.545	-150.00	-4.000	196.999	-2.00	2653+0.000	197.079	196.669	0.410	4.000	196.999	-2.00	4.141	196.788	-150.00
-4.234	196.260	-150.00	-4.000	196.612	-2.00	2654+0.000	196.692	196.353	0.339	4.000	196.612	-2.00	4.120	196.432	-150.00
-4.272	195.764	-150.00	-4.000	196.172	-2.00	2655+0.000	196.252	195.872	0.380	4.000	196.172	-2.00	4.131	195.976	-150.00
-4.375	195.229	-150.00	-4.000	195.791	-2.00	2656+0.000	195.871	195.324	0.548	4.000	195.791	-2.00	4.250	195.416	-150.00
-4.470	194.712	-150.00	-4.000	195.417	-2.00	2657+0.000	195.497	194.788	0.709	4.000	195.417	-2.00	4.370	194.862	-150.00
-4.468	194.341	-150.00	-4.000	195.043	-2.00	2658+0.000	195.123	194.481	0.642	4.000	195.043	-2.00	4.286	194.614	-150.00
-4.311	194.203	-150.00	-4.000	194.669	-2.00	2659+0.000	194.749	194.317	0.432	4.000	194.669	-2.00	4.160	194.428	-150.00
-4.320	193.839	-150.00	-4.000	194.320	-2.00	2660+0.000	194.400	193.990	0.410	4.000	194.320	-2.00	4.124	194.134	-150.00
-4.297	193.537	-150.00	-4.000	193.983	-2.00	2661+0.000	194.063	193.687	0.376	4.000	193.983	-2.00	4.102	193.830	-150.00
-4.291	193.296	-150.00	-4.000	193.732	-2.00	2662+0.000	193.812	193.487	0.324	4.000	193.732	-2.00	4.042	193.668	-150.00
-4.310	193.032	-150.00	-4.000	193.498	-2.00	2663+0.000	193.578	193.230	0.348	4.000	193.498	-2.00	4.055	193.416	-150.00
-4.326	192.823	-150.00	-4.000	193.312	-2.00	2664+0.000	193.392	193.000	0.392	4.000	193.312	-2.00	4.096	193.167	-150.00
-4.321	192.682	-150.00	-4.000	193.163	-2.00	2665+0.000	193.243	192.858	0.385	4.000	193.163	-2.00	4.092	193.026	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Projetos e Obras - DUP
Secretaria das Cidades (SCidades)

-4.298	192.635	-150.00	-4.000	193.082	-2.00	2666+0.000	193.162	192.766	0.396	4.000	193.082	-2.00	4.130	192.887	-150.00
-4.293	192.716	-150.00	-4.000	193.155	-2.00	2667+0.000	193.235	192.843	0.392	4.000	193.155	-2.00	4.127	192.964	-150.00
-4.307	192.812	-150.00	-4.000	193.273	-2.00	2668+0.000	193.353	192.918	0.434	4.000	193.273	-2.00	4.155	193.040	-150.00
-4.335	193.007	-150.00	-4.000	193.510	-2.00	2669+0.000	193.590	193.103	0.488	4.000	193.510	-2.00	4.210	193.195	-150.00
-4.346	193.230	-150.00	-4.000	193.748	-2.00	2670+0.000	193.828	193.361	0.467	4.000	193.748	-2.00	4.175	193.486	-150.00
-4.270	193.581	-150.00	-4.000	193.986	-2.00	2671+0.000	194.066	193.648	0.418	4.000	193.986	-2.00	4.182	193.713	-150.00
-4.242	193.662	-150.00	-4.000	194.026	-2.00	2672+0.000	194.106	193.730	0.376	4.000	194.026	-2.00	4.154	193.795	-150.00
-4.241	193.689	-150.00	-4.000	194.050	-2.00	2673+0.000	194.130	193.762	0.368	4.000	194.050	-2.00	4.144	193.833	-150.00
-4.249	193.701	-150.00	-4.000	194.075	-2.00	2674+0.000	194.155	193.769	0.385	4.000	194.075	-2.00	4.159	193.836	-150.00
-4.284	193.519	-150.00	-4.000	193.945	-2.00	2675+0.000	194.025	193.579	0.446	4.000	193.945	-2.00	4.197	193.650	-150.00
-4.259	193.299	-150.00	-4.000	193.687	-2.00	2676+0.000	193.767	193.377	0.391	4.000	193.687	-2.00	4.157	193.452	-150.00
-4.244	192.910	-150.00	-4.000	193.277	-2.00	2677+0.000	193.357	193.001	0.356	4.000	193.277	-2.00	4.125	193.089	-150.00
-4.264	192.344	-150.00	-4.000	192.740	-2.00	2678+0.000	192.820	192.424	0.396	4.000	192.740	-2.00	4.143	192.525	-150.00
-4.283	191.911	-150.00	-4.000	192.336	-2.00	2679+0.000	192.416	191.999	0.417	4.000	192.336	-2.00	4.149	192.112	-150.00
-4.352	191.536	-150.00	-4.000	192.063	-2.00	2680+0.000	192.143	191.619	0.524	4.000	192.063	-2.00	4.201	191.762	-150.00
-4.446	191.358	-150.00	-4.000	192.026	-2.00	2681+0.000	192.106	191.432	0.674	4.000	192.026	-2.00	4.348	191.504	-150.00
-4.401	191.387	-150.00	-4.000	191.989	-2.00	2682+0.000	192.069	191.516	0.553	4.000	191.989	-2.00	4.233	191.640	-150.00
-4.270	191.698	-150.00	-4.000	192.102	-2.00	2683+0.000	192.182	191.784	0.398	4.000	192.102	-2.00	4.138	191.896	-150.00
-4.292	192.158	-150.00	-4.000	192.595	-2.00	2684+0.000	192.675	192.266	0.410	4.000	192.595	-2.00	4.150	192.370	-150.00
-4.297	192.558	-150.00	-4.000	193.003	-2.00	2685+0.000	193.083	192.680	0.403	4.000	193.003	-2.00	4.137	192.797	-150.00
-4.276	193.052	-150.00	-4.000	193.466	-2.00	2686+0.000	193.546	193.139	0.407	4.000	193.466	-2.00	4.162	193.223	-150.00
-4.281	193.563	-150.00	-4.000	193.985	-2.00	2687+0.000	194.065	193.650	0.415	4.000	193.985	-2.00	4.167	193.734	-150.00
-4.252	193.912	-150.00	-4.000	194.290	-2.00	2688+0.000	194.370	193.957	0.413	4.000	194.290	-2.00	4.192	194.002	-150.00
-4.247	194.107	-150.00	-4.000	194.478	-2.00	2689+0.000	194.558	194.154	0.404	4.000	194.478	-2.00	4.185	194.200	-150.00
-4.238	194.233	-150.00	-4.000	194.591	-2.00	2690+0.000	194.671	194.246	0.425	4.000	194.591	-2.00	4.212	194.273	-150.00
-4.228	194.315	-150.00	-4.000	194.656	-2.00	2691+0.000	194.736	194.323	0.414	4.000	194.656	-2.00	4.217	194.330	-150.00
-4.209	194.409	-150.00	-4.000	194.722	-2.00	2692+0.000	194.802	194.412	0.390	4.000	194.722	-2.00	4.205	194.414	-150.00
-4.103	194.886	-150.00	-4.000	195.041	-2.00	2693+0.000	195.121	194.789	0.332	4.000	195.041	-2.00	4.235	194.689	-150.00
-4.124	195.518	66.67	-4.000	195.435	-2.00	2694+0.000	195.515	195.493	0.023	4.000	195.435	-2.00	4.049	195.468	66.67
-4.123	195.646	-150.00	-4.000	195.830	-2.00	2695+0.000	195.910	195.636	0.274	4.000	195.830	-2.00	4.136	195.627	-150.00
-4.234	195.874	-150.00	-4.000	196.224	-2.00	2696+0.000	196.304	195.903	0.401	4.000	196.224	-2.00	4.194	195.933	-150.00
-4.230	195.695	-150.00	-4.000	196.039	-2.00	2697+0.000	196.119	195.708	0.412	4.000	196.039	-2.00	4.193	195.750	-150.00
-4.176	195.478	-150.00	-4.000	195.742	-2.00	2698+0.000	195.822	195.497	0.325	4.000	195.742	-2.00	4.151	195.516	-150.00
-4.193	195.155	-150.00	-4.000	195.444	-2.00	2699+0.000	195.524	195.179	0.345	4.000	195.444	-2.00	4.161	195.202	-150.00
-4.285	194.864	-150.00	-4.000	195.292	-2.00	2700+0.000	195.372	194.962	0.410	4.000	195.292	-2.00	4.136	195.088	-150.00
-4.321	194.788	-150.00	-4.000	195.269	-2.00	2701+0.000	195.349	194.910	0.438	4.000	195.269	-2.00	4.155	195.037	-150.00
-4.342	194.733	-150.00	-4.000	195.246	-2.00	2702+0.000	195.326	194.879	0.447	4.000	195.246	-2.00	4.155	195.013	-150.00
-4.348	194.702	-150.00	-4.000	195.223	-2.00	2703+0.000	195.303	194.848	0.455	4.000	195.223	-2.00	4.157	194.987	-150.00
-4.339	194.692	-150.00	-4.000	195.200	-2.00	2704+0.000	195.280	194.861	0.419	4.000	195.200	-2.00	4.119	195.022	-150.00
-4.303	194.705	-150.00	-4.000	195.159	-2.00	2705+0.000	195.239	194.839	0.400	4.000	195.159	-2.00	4.127	194.969	-150.00
-4.272	194.355	-150.00	-4.000	194.764	-2.00	2706+0.000	194.844	194.458	0.386	4.000	194.764	-2.00	4.137	194.558	-150.00
-4.271	193.904	-150.00	-4.000	194.311	-2.00	2707+0.000	194.391	194.016	0.375	4.000	194.311	-2.00	4.123	194.126	-150.00
-4.287	193.560	-150.00	-4.000	193.990	-2.00	2708+0.000	194.070	193.699	0.371	4.000	193.990	-2.00	4.111	193.824	-150.00
-4.295	193.298	-150.00	-4.000	193.740	-2.00	2709+0.000	193.820	193.429	0.392	4.000	193.740	-2.00	4.117	193.565	-150.00
-4.265	193.261	-150.00	-4.000	193.658	-2.00	2710+0.000	193.738	193.345	0.393	4.000	193.658	-2.00	4.120	193.478	-150.00
-4.277	193.337	-150.00	-4.000	193.753	-2.00	2711+0.000	193.833	193.445	0.387	4.000	193.753	-2.00	4.122	193.569	-150.00
-4.345	193.501	-150.00	-4.000	194.018	-2.00	2712+0.000	194.098	193.693	0.404	4.000	194.018	-2.00	4.095	193.874	-150.00
-4.352	193.664	-150.00	-4.000	194.192	-2.00	2713+0.000	194.272	193.826	0.446	4.000	194.192	-2.00	4.141	193.980	-150.00
-4.304	193.586	-150.00	-4.000	194.041	-2.00	2714+0.000	194.121	193.766	0.356	4.000	194.041	-2.00	4.070	193.936	-150.00
-4.302	193.433	-150.00	-4.000	193.885	-2.00	2715+0.000	193.965	193.602	0.363	4.000	193.885	-2.00	4.081	193.763	-150.00
-4.321	193.179	-150.00	-4.000	193.660	-2.00	2716+0.000	193.740	193.347	0.393	4.000	193.660	-2.00	4.103	193.506	-150.00
-4.311	192.710	-150.00	-4.000	193.176	-2.00	2717+0.000	193.256	192.871	0.385	4.000	193.176	-2.00	4.101	193.024	-150.00
-4.315	192.220	-150.00	-4.000	192.693	-2.00	2718+0.000	192.773	192.379	0.394	4.000	192.693	-2.00	4.106	192.534	-150.00
-4.313	191.741	-150.00	-4.000	192.210	-2.00	2719+0.000	192.290	191.900	0.390	4.000	192.210	-2.00	4.100	192.060	-150.00
-4.306	191.369	-150.00	-4.000	191.828	-2.00	2720+0.000	191.908	191.526	0.382	4.000	191.828	-2.00	4.101	191.676	-150.00
-4.328	191.283	-150.00	-4.000	191.774	-2.00	2721+0.000	191.854	191.434	0.420	4.000	191.774	-2.00	4.130	191.579	-150.00
-4.416	191.384	-150.00	-4.000	192.007	-2.00	2722+0.000	192.087	191.541	0.546	4.000	192.007	-2.00	4.210	191.692	-150.00
-4.404	191.634	-150.00	-4.000	192.240	-2.00	2723+0.000	192.320	191.810	0.510	4.000	192.240	-2.00	4.175	191.977	-150.00
-4.359	191.934	-150.00	-4.000	192.472	-2.00	2724+0.000	192.552	192.119	0.433	4.000	192.472	-2.00	4.123	192.288	-150.00
-4.332	192.208	-150.00	-4.000	192.705	-2.00	2725+0.000	192.785	192.366	0.419	4.000	192.705	-2.00	4.111	192.538	-150.00
-4.305	192.480	-150.00	-4.000	192.938	-2.00	2726+0.000	193.018	192.609	0.409	4.000	192.938	-2.00	4.136	192.734	-150.00
-4.294	192.728	-150.00	-4.000	193.169	-2.00	2727+0.000	193.249	192.848	0.401	4.000	193.169	-2.00	4.142	192.956	-150.00
-4.292	192.824	-150.00	-4.000	193.263	-2.00	2728+0.000	193.343	192.938	0.405	4.000	193.263	-2.00	4.143	193.048	-150.00
-4.272	192.914	-150.00	-4.000	193.323	-2.00	2729+0.000	193.403	193.007	0.396	4.000	193.323	-2.00	4.159	193.084	-150.00
-4.222	192.952	-150.00	-4.000	193.285	-2.00	2730+0.000	193.365	193.032	0.333	4.000	193.285	-2.00	4.117	193.110	-150.00
-4.219	192.917	-150.00	-4.000	193.246	-2.00	2731+0.000	193.326	192.973	0.352	4.000	193.246	-2.00	4.141	193.034	-150.00
-4.249	192.833	-150.00	-4.000	193.206	-2.00	2732+0.000	193.286	192.954	0.332	4.000	193.206	-2.00	4.131	193.009	-150.00
-4.227	192.826	-150.00	-4.000	193.167	-2.00	2733+0.000	193.247	192.880	0.367	4.000	193.167	-2.00	4.156	192.933	-150.00
-4.257	192.756	-150.00	-4.000	193.142	-2.00	2734+0.000	193.222	192.831	0.391	4.000	193.142	-2.00	4.159	192.903	-150.00
-4.262	192.851	-150.00	-4.000	193.244	-2.00	2735+0.000	193.324	192.926	0.398	4.000	193.244	-2.00	4.171	192.987	-150.00
-4.278	192.728	-150.00	-4.000	193.145	-2.00	2736+0.000	193.225	192.829	0.396	4.000	193.145	-2.00	4.145	192.927	-150.00
-4.252	192.536	-150.00	-4.000	192.914	-2.00	2737+0.000	192.994	192.618	0.376	4.000	192.914	-2.00	4.144	192.698	-150.00
-4.254	192.510	-150.00	-4.000	192.890	-2.00	2738+0.000	192.970	192.574	0.396	4.000	192.890	-2.00	4.169	192.637	-150.00
-4.253	192.478	-150.00	-4.000	192.858	-2.00	2739+0.000	192.938	192.543	0.395	4.000	192.858	-2.00	4.170	192.603	-150.00
-4.298	192.311	-150.00	-4.000	192.758	-2.00	2740+0.000	192.838	192.365	0.473	4.000	192.758	-2.00	4.227	192.418	-150.00
-4.268	192.256	-150.00	-4.000	192.658	-2.00	2741+0.000	192.738	192.300	0.438	4.000	192.658	-2.00	4.210	192.344	-150.00
-4.234	192.208	-150.00	-4.000	192.558	-2.00	2742+0.000	192.638	192.255	0.383	4.000	192.558	-2.00	4.171	192.301	-150.00
-4.242	192.096	-150.00	-4.000	192.459	-2.00	2743+0.000	192.539	192.163	0.376	4.000	192.459	-2.00	4.160	192.219	-150.00
-4.250	191.984	-150.00	-4.000	192.359	-2.00	2744+0.000	192.439	192.044	0.395	4.000	192.359	-2.00	4.171	192.103	-150.00
-4.253	191.929	-150.00	-4.000	192.308	-2.00	2745+0.000	192.388	191.992	0.396	4.000	192.308	-2.00	4.169	192.054	-150.00
-4.268	191.901	-150.00	-4.000	192.304	-2.00	2746+0.000	192.384	192.002	0.382	4.000	192.304	-2.00	4.129	192.111	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Progr...
Projetos e Obras - DUPO
Secretaria das Cidades (S...)

-4.260	191.952	-150.00	-4.000	192.342	-2.00	2747+0.000	192.422	192.044	0.378	4.000	192.342	-2.00	4.139	192.134	-150.00
-4.295	192.161	-150.00	-4.000	192.603	-2.00	2748+0.000	192.683	192.280	0.403	4.000	192.603	-2.00	4.139	192.395	-150.00
-4.296	192.539	-150.00	-4.000	192.983	-2.00	2749+0.000	193.063	192.656	0.407	4.000	192.983	-2.00	4.143	192.769	-150.00
-4.196	193.069	-150.00	-4.000	193.363	-2.00	2750+0.000	193.443	193.149	0.294	4.000	193.363	-2.00	4.091	193.227	-150.00
-4.180	193.472	-150.00	-4.000	193.743	-2.00	2751+0.000	193.823	193.542	0.281	4.000	193.743	-2.00	4.089	193.609	-150.00
-4.269	193.647	-150.00	-4.000	194.051	-2.00	2752+0.000	194.131	193.723	0.408	4.000	194.051	-2.00	4.164	193.806	-150.00
-4.260	193.754	-150.00	-4.000	194.144	-2.00	2753+0.000	194.224	193.820	0.404	4.000	194.144	-2.00	4.171	193.887	-150.00
-4.221	193.927	-150.00	-4.000	194.258	-2.00	2754+0.000	194.338	193.938	0.400	4.000	194.258	-2.00	4.172	194.001	-150.00
-4.292	194.105	-150.00	-4.000	194.543	-2.00	2755+0.000	194.623	194.117	0.506	4.000	194.543	-2.00	4.263	194.149	-150.00
-4.244	194.486	-150.00	-4.000	194.852	-2.00	2756+0.000	194.932	194.504	0.428	4.000	194.852	-2.00	4.220	194.523	-150.00
-4.226	195.023	-150.00	-4.000	195.362	-2.00	2757+0.000	195.442	195.042	0.399	4.000	195.362	-2.00	4.208	195.050	-150.00
-4.338	195.761	-150.00	-4.000	196.268	-2.00	2758+0.000	196.348	195.756	0.592	4.000	196.268	-2.00	4.345	195.750	-150.00
-4.438	196.593	-150.00	-4.000	197.251	-2.00	2759+0.000	197.331	196.592	0.739	4.000	197.251	-2.00	4.440	196.591	-150.00
-4.477	197.519	-150.00	-4.000	198.234	-2.00	2760+0.000	198.314	197.530	0.784	4.000	198.234	-2.00	4.462	197.541	-150.00
-4.362	198.675	-150.00	-4.000	199.218	-2.00	2761+0.000	199.298	198.670	0.627	4.000	199.218	-2.00	4.368	198.665	-150.00
-4.313	199.732	-150.00	-4.000	200.201	-2.00	2762+0.000	200.281	199.752	0.529	4.000	200.201	-2.00	4.287	199.771	-150.00
-4.251	200.807	-150.00	-4.000	201.184	-2.00	2763+0.000	201.264	200.842	0.422	4.000	201.184	-2.00	4.206	200.875	-150.00
-4.288	201.571	-150.00	-4.000	202.004	-2.00	2764+0.000	202.084	201.656	0.428	4.000	202.004	-2.00	4.183	201.729	-150.00
-4.286	201.963	-150.00	-4.000	202.391	-2.00	2765+0.000	202.471	202.061	0.410	4.000	202.391	-2.00	4.145	202.174	-150.00
-4.306	202.002	-150.00	-4.000	202.462	-2.00	2766+0.000	202.542	202.119	0.422	4.000	202.462	-2.00	4.153	202.232	-150.00
-4.299	202.084	-150.00	-4.000	202.532	-2.00	2767+0.000	202.612	202.186	0.426	4.000	202.532	-2.00	4.165	202.285	-150.00
-4.272	202.222	-150.00	-4.000	202.630	-2.00	2768+0.000	202.710	202.308	0.401	4.000	202.630	-2.00	4.149	202.405	-150.00
-4.276	202.435	-150.00	-4.000	202.849	-2.00	2769+0.000	202.929	202.526	0.403	4.000	202.849	-2.00	4.154	202.617	-150.00
-4.300	202.681	-150.00	-4.000	203.131	-2.00	2770+0.000	203.211	202.807	0.403	4.000	203.131	-2.00	4.119	202.953	-150.00
-4.317	203.127	-150.00	-4.000	203.603	-2.00	2771+0.000	203.683	203.279	0.404	4.000	203.603	-2.00	4.119	203.425	-150.00
-4.330	203.726	-150.00	-4.000	204.221	-2.00	2772+0.000	204.301	203.868	0.433	4.000	204.221	-2.00	4.139	204.013	-150.00
-4.315	204.402	-150.00	-4.000	204.874	-2.00	2773+0.000	204.954	204.540	0.414	4.000	204.874	-2.00	4.135	204.672	-150.00
-4.317	204.942	-150.00	-4.000	205.417	-2.00	2774+0.000	205.497	205.100	0.397	4.000	205.417	-2.00	4.120	205.237	-150.00
-4.325	205.319	-150.00	-4.000	205.806	-2.00	2775+0.000	205.886	205.487	0.399	4.000	205.806	-2.00	4.106	205.648	-150.00
-4.319	205.480	-150.00	-4.000	205.959	-2.00	2776+0.000	206.039	205.646	0.393	4.000	205.959	-2.00	4.104	205.804	-150.00
-4.310	205.534	-150.00	-4.000	205.999	-2.00	2777+0.000	206.079	205.631	0.447	4.000	205.999	-2.00	4.182	205.726	-150.00
-4.373	205.373	-150.00	-4.000	205.932	-2.00	2778+0.000	206.012	205.492	0.521	4.000	205.932	-2.00	4.217	205.606	-150.00
-4.302	205.409	-150.00	-4.000	205.861	-2.00	2779+0.000	205.941	205.541	0.400	4.000	205.861	-2.00	4.129	205.668	-150.00
-4.289	205.320	-150.00	-4.000	205.754	-2.00	2780+0.000	205.834	205.441	0.393	4.000	205.754	-2.00	4.181	205.482	-150.00
-4.249	204.797	-150.00	-4.000	205.169	-2.00	2781+0.000	205.249	204.872	0.377	4.000	205.169	-2.00	4.149	204.946	-150.00
-4.232	204.166	-150.00	-4.000	204.515	-2.00	2782+0.000	204.595	204.245	0.350	4.000	204.515	-2.00	4.128	204.322	-150.00
-4.258	203.474	-150.00	-4.000	203.860	-2.00	2783+0.000	203.940	203.579	0.361	4.000	203.860	-2.00	4.130	203.666	-150.00
-4.306	202.884	-150.00	-4.000	203.343	-2.00	2784+0.000	203.423	203.010	0.413	4.000	203.343	-2.00	4.143	203.129	-150.00
-4.396	202.502	-150.00	-4.000	203.096	-2.00	2785+0.000	203.176	202.627	0.549	4.000	203.096	-2.00	4.232	202.748	-150.00
-4.443	202.185	-150.00	-4.000	202.849	-2.00	2786+0.000	202.929	202.309	0.620	4.000	202.849	-2.00	4.265	202.451	-150.00
-4.349	202.078	-150.00	-4.000	202.602	-2.00	2787+0.000	202.682	202.245	0.437	4.000	202.602	-2.00	4.132	202.404	-150.00
-4.237	202.000	-150.00	-4.000	202.355	-2.00	2788+0.000	202.435	202.182	0.253	4.000	202.355	-2.00	4.012	202.336	-150.00
-4.254	201.727	-150.00	-4.000	202.108	-2.00	2789+0.000	202.188	201.905	0.283	4.000	202.108	-2.00	4.023	202.073	-150.00
-4.285	201.337	-150.00	-4.000	201.764	-2.00	2790+0.000	201.844	201.548	0.296	4.000	201.764	-2.00	4.025	201.727	-150.00
-4.326	200.561	-150.00	-4.000	201.050	-2.00	2791+0.000	201.130	200.712	0.419	4.000	201.050	-2.00	4.079	200.932	-150.00
-4.298	199.804	-150.00	-4.000	200.251	-2.00	2792+0.000	200.331	199.959	0.371	4.000	200.251	-2.00	4.099	200.103	-150.00
-4.429	198.807	-150.00	-4.000	199.451	-2.00	2793+0.000	199.531	198.966	0.565	4.000	199.451	-2.00	4.223	199.116	-150.00
-4.425	198.020	-150.00	-4.000	198.657	-2.00	2794+0.000	198.737	198.156	0.581	4.000	198.657	-2.00	4.247	198.286	-150.00
-4.430	197.422	-150.00	-4.000	198.068	-2.00	2795+0.000	198.148	197.516	0.632	4.000	198.068	-2.00	4.299	197.619	-150.00
-4.261	197.395	-150.00	-4.000	197.787	-2.00	2796+0.000	197.867	197.486	0.381	4.000	197.787	-2.00	4.142	197.574	-150.00
-4.200	197.513	-150.00	-4.000	197.813	-2.00	2797+0.000	197.893	197.580	0.313	4.000	197.813	-2.00	4.097	197.668	-150.00
-4.192	197.791	-150.00	-4.000	198.080	-2.00	2798+0.000	198.160	197.893	0.266	4.000	198.080	-2.00	4.058	197.993	-150.00
-4.116	198.190	-150.00	-4.000	198.363	-2.00	2799+0.000	198.443	198.289	0.155	4.000	198.363	-2.00	4.032	198.385	66.67
-4.017	198.551	-150.00	-4.000	198.576	-2.00	2799+15.000	198.656	198.656	0.000	4.000	198.576	-2.00	4.289	198.769	66.67

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades

SECRETARIA
DAS **CIDADES** - SECID

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

TRECHO 1: RODOVIA DE LIGAÇÃO ENTRE MUNICIPIOS DE CANAVIEIRA AO MUNICIPIO DE ELISEU MARTINS

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	0,970	0,530	0,000	0,000	0,000	0,000	0,000
1+0,00	0,200	1,730	11,730	22,540	11,730	22,540	-10,810
2+0,00	0,000	2,790	1,980	45,570	13,710	68,110	-54,400
3+0,00	0,000	3,080	0,000	58,490	13,710	126,600	-112,890
4+0,00	0,000	3,100	0,000	61,740	13,710	188,340	-174,630
5+0,00	0,000	3,270	0,000	63,630	13,710	251,980	-238,270
6+0,00	0,000	3,000	0,000	63,110	13,710	315,090	-301,380
7+0,00	0,000	2,960	0,000	59,760	13,710	374,850	-361,140
8+0,00	0,000	3,180	0,000	61,470	13,710	436,320	-422,610
9+0,00	0,000	3,110	0,000	63,260	13,710	499,590	-485,880
10+0,00	0,000	2,710	0,000	58,560	13,710	558,150	-544,440
11+0,00	0,000	1,620	0,000	43,430	13,710	601,580	-587,870
12+0,00	0,000	2,560	0,000	41,760	13,710	643,340	-629,630
13+0,00	0,000	2,470	0,000	50,230	13,710	693,570	-679,860
14+0,00	0,000	2,710	0,000	51,780	13,710	745,350	-731,640
15+0,00	0,000	2,640	0,000	53,480	13,710	798,830	-785,120
16+0,00	0,000	2,780	0,000	54,200	13,710	853,030	-839,320
17+0,00	0,000	2,830	0,000	56,050	13,710	909,080	-895,370
18+0,00	0,000	2,640	0,000	54,670	13,710	963,750	-950,040
19+0,00	0,000	2,760	0,000	53,960	13,710	1017,710	-1004,000
20+0,00	0,000	2,810	0,000	55,690	13,710	1073,400	-1059,690
21+0,00	0,000	2,760	0,000	55,710	13,710	1129,110	-1115,400
22+0,00	0,000	2,860	0,000	55,970	13,710	1185,070	-1171,360
23+0,00	0,000	0,000	0,000	28,650	13,710	1213,720	-1200,010
24+0,00	0,000	2,870	0,000	28,700	13,710	1242,410	-1228,700
25+0,00	0,000	3,110	0,000	59,930	13,710	1302,340	-1288,630
26+0,00	0,000	2,980	0,000	61,000	13,710	1363,340	-1349,630
27+0,00	0,000	2,920	0,000	58,970	13,710	1422,310	-1408,600
28+0,00	0,000	2,810	0,000	57,250	13,710	1479,560	-1465,850
29+0,00	0,000	2,790	0,000	56,020	13,710	1535,580	-1521,870
30+0,00	0,000	2,700	0,000	54,780	13,710	1590,360	-1576,650
31+0,00	0,000	2,820	0,000	55,340	13,710	1645,700	-1631,990
32+0,00	0,000	2,770	0,000	55,870	13,710	1701,570	-1687,860
33+0,00	0,000	3,190	0,000	59,520	13,710	1761,100	-1747,390
34+0,00	0,000	3,760	0,000	69,440	13,710	1830,530	-1816,820
35+0,00	0,000	2,930	0,000	66,890	13,710	1897,420	-1883,710
36+0,00	0,000	2,970	0,000	59,080	13,710	1956,510	-1942,800
37+0,00	0,000	3,010	0,000	59,840	13,710	2016,350	-2002,640
38+0,00	0,000	2,940	0,000	59,450	13,710	2075,800	-2062,090
39+0,00	0,000	2,940	0,000	58,770	13,710	2134,580	-2120,870
40+0,00	0,000	2,630	0,000	55,730	13,710	2190,300	-2176,590
41+0,00	0,000	2,400	0,000	50,330	13,710	2240,630	-2226,920
42+0,00	0,000	2,970	0,000	53,660	13,710	2294,300	-2280,590
43+0,00	0,000	3,950	0,000	69,170	13,710	2363,460	-2349,750
44+0,00	0,000	4,740	0,000	86,920	13,710	2450,380	-2436,670
45+0,00	0,000	4,680	0,000	94,220	13,710	2544,600	-2530,890
46+0,00	0,000	3,790	0,000	84,670	13,710	2629,270	-2615,560
47+0,00	0,000	3,690	0,000	74,750	13,710	2704,020	-2690,310
48+0,00	0,000	3,180	0,000	68,640	13,710	2772,660	-2758,950
49+0,00	0,000	2,980	0,000	61,550	13,710	2834,210	-2820,500
50+0,00	0,000	3,320	0,000	62,930	13,710	2897,150	-2883,440
51+0,00	0,000	3,660	0,000	69,880	13,710	2967,030	-2953,320
52+0,00	0,000	2,630	0,000	63,720	13,710	3030,750	-3017,040
53+0,00	0,000	2,450	0,000	50,870	13,710	3081,610	-3067,900
54+0,00	0,000	2,540	0,000	50,050	13,710	3131,660	-3117,950

Osvaldo Leoncio de Oliveira Filho
Diretor da Unidade de Estudos
Projetos e Obras
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)
55+0,00	0,000	2,960	0,000	54,810	13,710	3186,480	-3172,770
56+0,00	0,000	2,940	0,000	59,070	13,710	3245,550	-3231,840
57+0,00	0,000	3,050	0,000	59,940	13,710	3305,490	-3291,780
58+0,00	0,000	3,880	0,000	69,240	13,710	3374,730	-3361,020
59+0,00	0,000	3,540	0,000	74,210	13,710	3448,940	-3435,230
60+0,00	0,000	3,220	0,000	67,580	13,710	3516,520	-3502,810
61+0,00	0,000	2,880	0,000	61,040	13,710	3577,560	-3563,850
62+0,00	0,000	2,960	0,000	58,360	13,710	3635,930	-3622,220
63+0,00	0,000	2,980	0,000	59,400	13,710	3695,330	-3681,620
64+0,00	0,000	3,090	0,000	60,840	13,710	3756,170	-3742,460
65+0,00	0,000	3,250	0,000	63,430	13,710	3819,600	-3805,890
66+0,00	0,000	3,150	0,000	63,990	13,710	3883,590	-3869,880
67+0,00	0,000	2,880	0,000	60,260	13,710	3943,850	-3930,140
68+0,00	0,000	2,910	0,000	58,010	13,710	4001,860	-3988,150
69+0,00	0,000	3,190	0,000	60,970	13,710	4062,840	-4049,130
70+0,00	0,000	4,090	0,000	72,640	13,710	4135,480	-4121,770
71+0,00	0,000	3,310	0,000	73,920	13,710	4209,400	-4195,690
72+0,00	0,000	1,900	0,000	52,060	13,710	4261,460	-4247,750
73+0,00	0,000	2,840	0,000	47,330	13,710	4308,790	-4295,080
74+0,00	0,000	3,080	0,000	59,170	13,710	4367,960	-4354,250
75+0,00	0,000	3,040	0,000	61,060	13,710	4429,030	-4415,320
76+0,00	0,000	3,040	0,000	60,690	13,710	4489,720	-4476,010
77+0,00	0,000	2,990	0,000	60,240	13,710	4549,960	-4536,250
78+0,00	0,000	3,320	0,000	62,960	13,710	4612,920	-4599,210
79+0,00	0,000	2,960	0,000	62,800	13,710	4675,720	-4662,010
80+0,00	0,000	3,010	0,000	59,710	13,710	4735,430	-4721,720
81+0,00	0,000	2,790	0,000	57,970	13,710	4793,400	-4779,690
82+0,00	0,000	3,200	0,000	59,820	13,710	4853,230	-4839,520
83+0,00	0,000	2,780	0,000	59,750	13,710	4912,970	-4899,260
84+0,00	0,000	3,080	0,000	58,590	13,710	4971,560	-4957,850
85+0,00	0,000	3,070	0,000	61,310	13,710	5032,870	-5019,160
86+0,00	0,000	3,030	0,000	60,770	13,710	5093,640	-5079,930
87+0,00	0,000	3,090	0,000	61,250	13,710	5154,890	-5141,180
88+0,00	0,000	2,250	0,000	53,420	13,710	5208,300	-5194,590
89+0,00	0,000	2,650	0,000	48,990	13,710	5257,290	-5243,580
90+0,00	0,000	2,830	0,000	54,690	13,710	5311,980	-5298,270
91+0,00	0,000	2,900	0,000	57,380	13,710	5369,360	-5355,650
92+0,00	0,000	2,970	0,000	59,200	13,710	5428,560	-5414,850
93+0,00	0,000	3,420	0,000	63,600	13,710	5492,170	-5478,460
94+0,00	0,000	3,950	0,000	73,700	13,710	5565,870	-5552,160
95+0,00	0,000	3,090	0,000	70,400	13,710	5636,270	-5622,560
96+0,00	0,000	2,970	0,000	60,460	13,710	5696,730	-5683,020
97+0,00	0,000	2,900	0,000	58,470	13,710	5755,200	-5741,490
98+0,00	0,000	2,830	0,000	56,850	13,710	5812,050	-5798,340
99+0,00	0,000	2,970	0,000	58,130	13,710	5870,180	-5856,470
100+0,00	0,000	3,070	0,000	60,490	13,710	5930,670	-5916,960
101+0,00	0,000	2,990	0,000	60,620	13,710	5991,290	-5977,580
102+0,00	0,000	2,940	0,000	59,340	13,710	6050,630	-6036,920
103+0,00	0,000	3,230	0,000	61,710	13,710	6112,340	-6098,630
104+0,00	0,000	3,360	0,000	65,770	13,710	6178,110	-6164,400
105+0,00	0,000	3,290	0,000	66,450	13,710	6244,560	-6230,850
106+0,00	0,000	3,020	0,000	63,070	13,710	6307,630	-6293,920
107+0,00	0,000	2,990	0,000	60,160	13,710	6367,790	-6354,080
108+0,00	0,000	2,830	0,000	58,190	13,710	6425,980	-6412,270
109+0,00	0,000	2,900	0,000	57,220	13,710	6483,200	-6469,490
110+0,00	0,000	2,870	0,000	57,720	13,710	6540,920	-6527,210
111+0,00	0,000	2,950	0,000	58,260	13,710	6599,180	-6585,470
112+0,00	0,000	2,940	0,000	58,920	13,710	6658,100	-6644,390
113+0,00	0,000	2,460	0,000	53,960	13,710	6712,060	-6698,350
114+0,00	0,000	2,400	0,000	48,550	13,710	6760,620	-6746,910
115+0,00	0,000	2,930	0,000	53,240	13,710	6813,860	-6800,150
116+0,00	0,000	2,820	0,000	57,530	13,710	6871,390	-6857,680
117+0,00	0,000	3,010	0,000	58,300	13,710	6929,690	-6915,980
118+0,00	0,000	3,200	0,000	61,790	13,710	6991,480	-6977,770

Osvaldo Leôncio da S[illegible] Filho
Diretor da Unidade de P[illegible]
Projetos e Obras - U[illegible]PO
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)
119+0,00	0,000	3,150	0,000	63,470	13,710	7054,950	-7041,240
120+0,00	0,000	2,950	0,000	61,140	13,710	7116,090	-7102,380
121+0,00	0,000	2,870	0,000	58,340	13,710	7174,430	-7160,720
122+0,00	0,000	2,980	0,000	58,550	13,710	7232,980	-7219,270
123+0,00	0,000	2,980	0,000	59,720	13,710	7292,700	-7278,990
124+0,00	0,000	3,510	0,000	64,970	13,710	7357,670	-7343,960
125+0,00	0,000	3,000	0,000	65,040	13,710	7422,710	-7409,000
126+0,00	0,000	3,040	0,000	60,490	13,710	7483,200	-7469,490
127+0,00	0,000	2,980	0,000	60,190	13,710	7543,390	-7529,680
128+0,00	0,000	3,060	0,000	60,460	13,710	7603,850	-7590,140
129+0,00	0,000	3,010	0,000	60,410	13,710	7664,260	-7650,550
130+0,00	0,000	3,000	0,000	59,800	13,710	7724,060	-7710,350
131+0,00	0,000	2,970	0,000	59,530	13,710	7783,590	-7769,880
132+0,00	0,000	3,240	0,000	62,090	13,710	7845,680	-7831,970
133+0,00	0,000	3,000	0,000	62,410	13,710	7908,080	-7894,370
134+0,00	0,000	2,700	0,000	56,850	13,710	7964,940	-7951,230
135+0,00	0,000	2,930	0,000	56,250	13,710	8021,180	-8007,470
136+0,00	0,000	3,030	0,000	59,560	13,710	8080,740	-8067,030
137+0,00	0,000	3,290	0,000	63,200	13,710	8143,940	-8130,230
138+0,00	0,000	2,920	0,000	62,060	13,710	8206,000	-8192,290
139+0,00	0,000	2,870	0,000	57,930	13,710	8263,920	-8250,210
140+0,00	0,000	2,950	0,000	58,200	13,710	8322,130	-8308,420
141+0,00	0,000	2,820	0,000	57,670	13,710	8379,800	-8366,090
142+0,00	0,000	2,830	0,000	56,590	13,710	8436,380	-8422,670
143+0,00	0,000	2,850	0,000	56,790	13,710	8493,170	-8479,460
144+0,00	0,000	2,860	0,000	57,000	13,710	8550,170	-8536,460
145+0,00	0,000	2,370	0,000	52,260	13,710	8602,430	-8588,720
146+0,00	0,000	3,000	0,000	53,860	13,710	8656,290	-8642,580
147+0,00	0,000	2,810	0,000	58,070	13,710	8714,360	-8700,650
148+0,00	0,000	2,920	0,000	57,390	13,710	8771,750	-8758,040
149+0,00	0,000	2,030	0,000	49,680	13,710	8821,430	-8807,720
150+0,00	0,000	1,530	0,000	35,620	13,710	8857,050	-8843,340
151+0,00	0,000	1,950	0,000	34,890	13,710	8891,940	-8878,230
152+0,00	0,000	2,970	0,000	49,190	13,710	8941,130	-8927,420
153+0,00	0,000	2,930	0,000	59,000	13,710	9000,130	-8986,420
154+0,00	0,000	2,860	0,000	57,900	13,710	9058,030	-9044,320
155+0,00	0,000	2,870	0,000	57,280	13,710	9115,300	-9101,590
156+0,00	0,000	2,870	0,000	57,390	13,710	9172,690	-9158,980
157+0,00	0,000	2,850	0,000	57,160	13,710	9229,850	-9216,140
158+0,00	0,000	2,880	0,000	57,140	13,710	9286,990	-9273,280
159+0,00	0,000	2,670	0,000	55,440	13,710	9342,430	-9328,720
160+0,00	0,000	2,370	0,000	50,270	13,710	9392,700	-9378,990
161+0,00	0,000	1,970	0,000	43,450	13,710	9436,150	-9422,440
162+0,00	0,000	1,720	0,000	36,850	13,710	9473,000	-9459,290
163+0,00	0,000	2,360	0,000	40,940	13,710	9513,940	-9500,230
164+0,00	0,000	2,570	0,000	49,320	13,710	9563,250	-9549,540
165+0,00	0,000	3,100	0,000	56,590	13,710	9619,840	-9606,130
166+0,00	0,000	4,270	0,000	73,610	13,710	9693,450	-9679,740
167+0,00	0,000	5,390	0,000	96,470	13,710	9789,930	-9776,220
168+0,00	0,000	5,000	0,000	103,910	13,710	9893,840	-9880,130
169+0,00	0,000	4,680	0,000	96,840	13,710	9990,680	-9976,970
170+0,00	0,000	3,980	0,000	86,800	13,710	10077,480	-10063,770
171+0,00	0,000	3,230	0,000	72,100	13,710	10149,580	-10135,870
172+0,00	0,000	2,970	0,000	62,000	13,710	10211,580	-10197,870
173+0,00	0,000	3,000	0,000	59,810	13,710	10271,390	-10257,680
174+0,00	0,000	2,830	0,000	58,320	13,710	10329,710	-10316,000
175+0,00	0,000	2,560	0,000	53,870	13,710	10383,580	-10369,870
176+0,00	0,000	2,940	0,000	54,950	13,710	10438,530	-10424,820
177+0,00	0,000	3,090	0,000	60,340	13,710	10498,860	-10485,150
178+0,00	0,000	1,620	0,000	47,160	13,710	10546,020	-10532,310
179+0,00	0,000	0,780	0,000	23,980	13,710	10570,010	-10556,300
180+0,00	0,000	1,000	0,000	17,730	13,710	10587,740	-10574,030
181+0,00	0,000	2,030	0,000	30,290	13,710	10618,030	-10604,320
182+0,00	0,000	2,900	0,000	49,380	13,710	10667,410	-10653,700

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades/SEINFRA

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	3,310	0,000	62,120	13,710	10729,530	-10715,820
184+0,00	0,000	3,330	0,000	66,350	13,710	10795,880	-10782,170
185+0,00	0,000	2,930	0,000	62,630	13,710	10858,510	-10844,800
186+0,00	0,000	3,010	0,000	59,430	13,710	10917,940	-10904,230
187+0,00	0,000	3,520	0,000	65,290	13,710	10983,220	-10969,510
188+0,00	0,000	4,240	0,000	77,580	13,710	11060,800	-11047,090
189+0,00	0,000	3,670	0,000	79,050	13,710	11139,850	-11126,140
190+0,00	0,000	2,770	0,000	64,400	13,710	11204,250	-11190,540
191+0,00	0,000	2,490	0,000	52,620	13,710	11256,860	-11243,150
192+0,00	0,030	0,960	0,290	34,540	14,000	11291,400	-11277,400
193+0,00	0,000	2,380	0,290	33,390	14,290	11324,790	-11310,500
194+0,00	0,000	3,730	0,000	61,030	14,290	11385,820	-11371,530
195+0,00	0,000	5,010	0,000	87,400	14,290	11473,220	-11458,930
196+0,00	0,000	5,870	0,000	108,860	14,290	11582,080	-11567,790
197+0,00	0,000	5,210	0,000	110,860	14,290	11692,940	-11678,650
198+0,00	0,000	2,890	0,000	81,020	14,290	11773,960	-11759,670
199+0,00	0,000	2,520	0,000	54,090	14,290	11828,050	-11813,760
200+0,00	0,000	1,630	0,000	41,460	14,290	11869,500	-11855,210
201+0,00	0,000	0,780	0,000	24,130	14,290	11893,630	-11879,340
202+0,00	0,000	1,810	0,000	25,910	14,290	11919,540	-11905,250
203+0,00	0,000	2,960	0,000	47,670	14,290	11967,210	-11952,920
204+0,00	0,000	2,660	0,000	56,160	14,290	12023,370	-12009,080
205+0,00	0,000	3,200	0,000	58,540	14,290	12081,910	-12067,620
206+0,00	0,000	4,850	0,000	80,480	14,290	12162,390	-12148,100
207+0,00	0,000	6,130	0,000	109,780	14,290	12272,180	-12257,890
208+0,00	0,000	5,050	0,000	111,750	14,290	12383,930	-12369,640
209+0,00	0,000	3,510	0,000	85,570	14,290	12469,500	-12455,210
210+0,00	0,000	2,960	0,000	64,710	14,290	12534,210	-12519,920
211+0,00	0,000	3,040	0,000	59,950	14,290	12594,170	-12579,880
212+0,00	0,000	2,870	0,000	59,100	14,290	12653,270	-12638,980
213+0,00	0,000	2,940	0,000	58,180	14,290	12711,440	-12697,150
214+0,00	0,000	2,920	0,000	58,630	14,290	12770,080	-12755,790
215+0,00	0,000	2,920	0,000	58,420	14,290	12828,490	-12814,200
216+0,00	0,000	2,950	0,000	58,600	14,290	12887,090	-12872,800
217+0,00	0,000	2,980	0,000	59,190	14,290	12946,280	-12931,990
218+0,00	0,000	4,800	0,000	77,740	14,290	13024,020	-13009,730
219+0,00	0,000	3,730	0,000	85,300	14,290	13109,320	-13095,030
220+0,00	0,000	2,920	0,000	66,530	14,290	13175,850	-13161,560
221+0,00	0,000	2,890	0,000	58,080	14,290	13233,930	-13219,640
222+0,00	0,000	3,040	0,000	59,260	14,290	13293,200	-13278,910
223+0,00	0,000	3,170	0,000	62,060	14,290	13355,260	-13340,970
224+0,00	0,000	3,150	0,000	63,180	14,290	13418,440	-13404,150
225+0,00	0,000	2,500	0,000	56,440	14,290	13474,880	-13460,590
226+0,00	0,000	2,120	0,000	46,250	14,290	13521,130	-13506,840
227+0,00	0,000	1,860	0,000	39,890	14,290	13561,020	-13546,730
228+0,00	0,000	2,780	0,000	46,460	14,290	13607,480	-13593,190
229+0,00	0,000	2,930	0,000	57,100	14,290	13664,580	-13650,290
230+0,00	0,000	2,930	0,000	58,630	14,290	13723,210	-13708,920
231+0,00	0,000	2,460	0,000	53,900	14,290	13777,110	-13762,820
232+0,00	0,000	2,500	0,000	49,540	14,290	13826,650	-13812,360
233+0,00	0,000	3,220	0,000	57,160	14,290	13883,810	-13869,520
234+0,00	0,000	2,880	0,000	61,140	14,290	13944,960	-13930,670
235+0,00	0,000	2,720	0,000	56,010	14,290	14000,960	-13986,670
236+0,00	0,000	2,880	0,000	56,070	14,290	14057,030	-14042,740
237+0,00	0,000	3,190	0,000	60,840	14,290	14117,870	-14103,580
238+0,00	0,000	2,690	0,000	58,800	14,290	14176,670	-14162,380
239+0,00	0,000	1,910	0,000	46,020	14,290	14222,690	-14208,400
240+0,00	0,000	1,790	0,000	37,060	14,290	14259,750	-14245,460
241+0,00	0,000	1,870	0,000	36,600	14,290	14296,350	-14282,060
242+0,00	0,000	2,860	0,000	47,270	14,290	14343,620	-14329,330
243+0,00	0,000	3,610	0,000	64,690	14,290	14408,310	-14394,020
244+0,00	0,000	4,220	0,000	78,330	14,290	14486,640	-14472,350
245+0,00	0,000	3,740	0,000	79,650	14,290	14566,290	-14552,000
246+0,00	0,000	5,780	0,000	95,190	14,290	14661,470	-14647,180

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Projetos
Projetos e Obras - DUPO
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	7,250	0,000	130,240	14,290	14791,710	-14777,420
248+0,00	0,000	6,640	0,000	138,860	14,290	14930,570	-14916,280
249+0,00	0,000	3,200	0,000	98,410	14,290	15028,980	-15014,690
250+0,00	0,010	0,540	0,080	37,380	14,360	15066,360	-15052,000
251+0,00	2,640	0,000	26,430	5,360	40,800	15071,720	-15030,920
252+0,00	3,410	0,000	60,490	0,000	101,280	15071,720	-14970,440
253+0,00	1,940	0,000	53,510	0,000	154,790	15071,720	-14916,930
254+0,00	0,000	0,580	19,380	5,760	174,170	15077,490	-14903,320
255+0,00	0,000	3,000	0,000	35,740	174,170	15113,220	-14939,050
256+0,00	0,000	4,440	0,000	74,390	174,170	15187,620	-15013,450
257+0,00	0,000	5,330	0,000	97,690	174,170	15285,310	-15111,140
258+0,00	0,000	3,900	0,000	92,320	174,170	15377,630	-15203,460
259+0,00	0,000	2,830	0,000	67,380	174,170	15445,010	-15270,840
260+0,00	0,000	2,940	0,000	57,720	174,170	15502,730	-15328,560
261+0,00	0,000	2,790	0,000	57,300	174,170	15560,030	-15385,860
262+0,00	0,000	2,980	0,000	57,760	174,170	15617,790	-15443,620
263+0,00	0,000	3,090	0,000	60,780	174,170	15678,580	-15504,410
264+0,00	0,000	2,890	0,000	59,810	174,170	15738,390	-15564,220
265+0,00	0,000	2,570	0,000	54,570	174,170	15792,960	-15618,790
266+0,00	0,000	1,970	0,000	45,360	174,170	15838,320	-15664,150
267+0,00	0,000	2,750	0,000	47,130	174,170	15885,450	-15711,280
268+0,00	0,000	2,890	0,000	56,420	174,170	15941,870	-15767,700
269+0,00	0,000	2,590	0,000	54,870	174,170	15996,740	-15822,570
270+0,00	0,000	2,850	0,000	54,440	174,170	16051,180	-15877,010
271+0,00	0,000	3,220	0,000	60,730	174,170	16111,910	-15937,740
272+0,00	0,000	3,020	0,000	62,370	174,170	16174,280	-16000,110
273+0,00	0,000	2,780	0,000	58,010	174,170	16232,290	-16058,120
274+0,00	0,000	2,800	0,000	55,860	174,170	16288,160	-16113,990
275+0,00	0,000	2,840	0,000	56,380	174,170	16344,540	-16170,370
276+0,00	0,000	2,880	0,000	57,160	174,170	16401,700	-16227,530
277+0,00	0,000	2,130	0,000	50,140	174,170	16451,830	-16277,660
278+0,00	0,000	1,330	0,000	34,660	174,170	16486,490	-16312,320
279+0,00	0,000	1,800	0,000	31,370	174,170	16517,860	-16343,690
280+0,00	0,000	2,920	0,000	47,140	174,170	16565,000	-16390,830
281+0,00	0,000	2,730	0,000	56,450	174,170	16621,450	-16447,280
282+0,00	0,000	2,490	0,000	52,230	174,170	16673,680	-16499,510
283+0,00	0,000	3,110	0,000	55,970	174,170	16729,640	-16555,470
284+0,00	0,000	3,730	0,000	68,450	174,170	16798,090	-16623,920
285+0,00	0,000	3,000	0,000	67,300	174,170	16865,390	-16691,220
286+0,00	0,000	2,840	0,000	58,420	174,170	16923,820	-16749,650
287+0,00	0,000	2,940	0,000	57,770	174,170	16981,590	-16807,420
288+0,00	0,000	2,960	0,000	58,860	174,170	17040,450	-16866,280
289+0,00	0,000	2,950	0,000	58,930	174,170	17099,380	-16925,210
290+0,00	0,000	2,910	0,000	58,680	174,170	17158,060	-16983,890
291+0,00	0,000	2,850	0,000	57,670	174,170	17215,740	-17041,570
292+0,00	0,000	2,980	0,000	58,270	174,170	17274,010	-17099,840
293+0,00	0,000	2,880	0,000	58,610	174,170	17332,630	-17158,460
294+0,00	0,000	2,840	0,000	57,230	174,170	17389,850	-17215,680
295+0,00	0,000	2,810	0,000	56,510	174,170	17446,360	-17272,190
296+0,00	0,000	2,770	0,000	55,790	174,170	17502,160	-17327,990
297+0,00	0,000	2,840	0,000	56,090	174,170	17558,240	-17384,070
298+0,00	0,000	3,290	0,000	61,300	174,170	17619,540	-17445,370
299+0,00	0,000	4,790	0,000	80,750	174,170	17700,290	-17526,120
300+0,00	0,000	5,170	0,000	99,520	174,170	17799,820	-17625,650
301+0,00	0,000	4,050	0,000	92,210	174,170	17892,020	-17717,850
302+0,00	0,000	2,970	0,000	70,210	174,170	17962,230	-17788,060
303+0,00	0,000	3,060	0,000	60,250	174,170	18022,480	-17848,310
304+0,00	0,000	2,320	0,000	53,760	174,170	18076,240	-17902,070
305+0,00	0,000	1,570	0,000	38,850	174,170	18115,090	-17940,920
306+0,00	0,000	1,960	0,000	35,300	174,170	18150,400	-17976,230
307+0,00	0,000	2,890	0,000	48,540	174,170	18198,940	-18024,770
308+0,00	0,000	4,250	0,000	71,370	174,170	18270,310	-18096,140
309+0,00	0,000	3,600	0,000	78,510	174,170	18348,820	-18174,650
310+0,00	0,000	3,710	0,000	73,160	174,170	18421,970	-18247,800

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Projetos
Projetos e Obras
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)
311+0,00	0,000	3,540	0,000	72,440	174,170	18494,420	-18320,250
312+0,00	0,000	2,730	0,000	62,700	174,170	18557,120	-18382,950
313+0,00	0,000	2,940	0,000	56,680	174,170	18613,800	-18439,630
314+0,00	0,000	2,990	0,000	59,240	174,170	18673,040	-18498,870
315+0,00	0,000	3,370	0,000	63,470	174,170	18736,510	-18562,340
316+0,00	0,000	3,280	0,000	66,530	174,170	18803,040	-18628,870
317+0,00	0,000	2,910	0,000	61,930	174,170	18864,970	-18690,800
318+0,00	0,000	4,450	0,000	73,630	174,170	18938,600	-18764,430
319+0,00	0,000	5,980	0,000	104,320	174,170	19042,920	-18868,750
320+0,00	0,000	3,010	0,000	89,850	174,170	19132,770	-18958,600
321+0,00	0,000	2,670	0,000	57,130	174,170	19189,900	-19015,730
322+0,00	0,000	4,350	0,000	70,630	174,170	19260,540	-19086,370
323+0,00	0,000	3,240	0,000	75,660	174,170	19336,200	-19162,030
324+0,00	0,050	3,410	0,550	65,250	174,720	19401,450	-19226,730
325+0,00	0,170	3,160	2,340	64,440	177,060	19465,890	-19288,830
326+0,00	0,050	3,160	2,280	62,290	179,340	19528,180	-19348,840
327+0,00	0,330	2,010	3,820	51,660	183,160	19579,840	-19396,680
328+0,00	1,040	0,740	13,790	27,500	196,940	19607,340	-19410,400
329+0,00	0,000	2,780	10,490	35,120	207,430	19642,470	-19435,040
330+0,00	0,000	2,720	0,000	54,980	207,430	19697,440	-19490,010
331+0,00	0,000	2,910	0,000	56,320	207,430	19753,770	-19546,340
332+0,00	0,000	3,510	0,000	64,220	207,430	19817,980	-19610,550
333+0,00	0,000	2,990	0,000	64,970	207,430	19882,950	-19675,520
334+0,00	0,000	2,910	0,000	58,930	207,430	19941,890	-19734,460
335+0,00	0,000	3,170	0,000	60,760	207,430	20002,650	-19795,220
336+0,00	0,000	2,960	0,000	61,440	207,430	20064,090	-19856,660
337+0,00	0,000	2,770	0,000	57,290	207,430	20121,390	-19913,960
338+0,00	0,000	2,660	0,000	54,330	207,430	20175,710	-19968,280
339+0,00	0,000	2,400	0,000	50,500	207,430	20226,210	-20018,780
340+0,00	0,000	2,980	0,000	53,830	207,430	20280,040	-20072,610
341+0,00	0,000	3,160	0,000	61,130	207,430	20341,170	-20133,740
342+0,00	0,000	2,850	0,000	60,080	207,430	20401,250	-20193,820
343+0,00	0,000	2,480	0,000	53,320	207,430	20454,570	-20247,140
344+0,00	0,000	2,640	0,000	51,280	207,430	20505,850	-20298,420
345+0,00	0,000	2,630	0,000	52,720	207,430	20558,570	-20351,140
346+0,00	0,000	2,230	0,000	48,530	207,430	20607,100	-20399,670
347+0,00	0,000	2,810	0,000	50,350	207,430	20657,450	-20450,020
348+0,00	0,000	2,890	0,000	57,010	207,430	20714,460	-20507,030
349+0,00	0,000	2,900	0,000	57,940	207,430	20772,400	-20564,970
350+0,00	0,000	4,270	0,000	71,700	207,430	20844,100	-20636,670
351+0,00	0,000	4,520	0,000	87,840	207,430	20931,940	-20724,510
352+0,00	0,000	5,320	0,000	98,250	207,430	21030,190	-20822,760
353+0,00	0,000	5,250	0,000	105,650	207,430	21135,850	-20928,420
354+0,00	0,000	4,210	0,000	94,620	207,430	21230,460	-21023,030
355+0,00	0,000	2,010	0,000	62,230	207,430	21292,690	-21085,260
356+0,00	2,270	0,000	22,720	20,140	230,150	21312,830	-21082,680
357+0,00	6,540	0,000	88,150	0,000	318,290	21312,830	-20994,540
358+0,00	7,160	0,000	137,000	0,000	455,290	21312,830	-20857,540
359+0,00	6,580	0,000	137,390	0,000	592,680	21312,830	-20720,150
360+0,00	4,220	0,000	107,990	0,000	700,670	21312,830	-20612,160
361+0,00	1,550	0,000	57,670	0,000	758,340	21312,830	-20554,490
362+0,00	0,000	0,000	15,450	0,000	773,790	21312,830	-20539,040
363+0,00	0,000	3,320	0,000	33,310	773,790	21346,140	-20572,350
364+0,00	0,000	4,300	0,000	76,350	773,790	21422,490	-20648,700
365+0,00	0,000	5,280	0,000	95,770	773,790	21518,270	-20744,480
366+0,00	0,000	6,310	0,000	115,840	773,790	21634,110	-20860,320
367+0,00	0,000	6,030	0,000	123,340	773,790	21757,440	-20983,650
368+0,00	0,000	2,920	0,000	89,520	773,790	21846,970	-21073,180
369+0,00	0,000	2,750	0,000	56,700	773,790	21903,670	-21129,880
370+0,00	0,000	2,660	0,000	54,000	773,790	21957,660	-21183,870
371+0,00	0,000	2,600	0,000	52,480	773,790	22010,150	-21236,360
372+0,00	0,000	3,010	0,000	56,150	773,790	22066,290	-21292,500
373+0,00	0,000	2,710	0,000	57,180	773,790	22123,480	-21349,690
374+0,00	0,000	2,300	0,000	50,150	773,790	22173,620	-21399,830

Osvaldo Leôncio da Silva Filho
Diretor da Unidade 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	0,000	3,030	0,000	53,050	773,790	22226,670	-21452,880
376+0,00	0,000	2,830	0,000	58,580	773,790	22285,250	-21511,460
377+0,00	0,000	2,890	0,000	56,920	773,790	22342,170	-21568,380
378+0,00	0,000	2,750	0,000	56,370	773,790	22398,540	-21624,750
379+0,00	0,000	2,800	0,000	55,580	773,790	22454,130	-21680,340
380+0,00	0,000	3,650	0,000	64,480	773,790	22518,600	-21744,810
381+0,00	0,000	2,740	0,000	63,950	773,790	22582,560	-21808,770
382+0,00	0,000	2,890	0,000	56,350	773,790	22638,910	-21865,120
383+0,00	0,000	3,050	0,000	59,500	773,790	22698,410	-21924,620
384+0,00	0,000	3,340	0,000	64,030	773,790	22762,440	-21988,650
385+0,00	0,000	3,450	0,000	67,900	773,790	22830,350	-22056,560
386+0,00	0,000	3,690	0,000	71,410	773,790	22901,760	-22127,970
387+0,00	0,000	2,910	0,000	65,970	773,790	22967,730	-22193,940
388+0,00	0,000	3,360	0,000	62,650	773,790	23030,370	-22256,580
389+0,00	0,000	3,130	0,000	65,390	773,790	23095,760	-22321,970
390+0,00	0,000	2,800	0,020	59,380	773,810	23155,150	-22381,340
391+0,00	0,020	2,290	0,180	51,110	773,990	23206,250	-22432,260
392+0,00	0,050	2,090	0,690	43,800	774,680	23250,050	-22475,370
393+0,00	0,080	2,010	1,300	41,100	775,980	23291,150	-22515,170
394+0,00	0,050	2,070	1,260	40,410	777,250	23331,560	-22554,310
395+0,00	0,000	2,580	0,450	46,530	777,700	23378,090	-22600,390
396+0,00	0,000	2,880	0,000	54,990	777,700	23433,080	-22655,380
397+0,00	0,000	2,580	0,000	54,770	777,700	23487,850	-22710,150
398+0,00	0,000	2,580	0,000	51,570	777,700	23539,420	-22761,720
399+0,00	0,000	2,680	0,000	52,750	777,700	23592,170	-22814,470
400+0,00	0,000	2,910	0,000	55,870	777,700	23648,040	-22870,340
401+0,00	0,000	2,860	0,000	57,700	777,700	23705,740	-22928,040
402+0,00	0,000	1,790	0,010	46,700	777,710	23752,440	-22974,730
403+0,00	0,130	0,820	1,410	25,540	779,120	23777,980	-22998,860
404+0,00	0,000	1,700	1,340	25,150	780,460	23803,130	-23022,670
405+0,00	0,000	2,850	0,000	45,650	780,460	23848,770	-23068,310
406+0,00	0,000	3,140	0,000	59,740	780,460	23908,520	-23128,060
407+0,00	0,000	2,820	0,000	59,470	780,460	23967,980	-23187,520
408+0,00	0,000	2,760	0,000	55,730	780,460	24023,720	-23243,260
409+0,00	0,000	2,620	0,000	53,810	780,460	24077,530	-23297,070
410+0,00	0,000	2,940	0,000	55,490	780,460	24133,020	-23352,560
411+0,00	0,000	3,130	0,000	60,730	780,460	24193,750	-23413,290
412+0,00	0,000	2,950	0,000	60,990	780,460	24254,740	-23474,280
413+0,00	0,000	3,210	0,000	61,590	780,460	24316,330	-23535,870
414+0,00	0,000	2,970	0,000	61,790	780,460	24378,120	-23597,660
415+0,00	0,000	2,510	0,000	54,850	780,460	24432,970	-23652,510
416+0,00	0,040	1,280	0,450	37,960	780,910	24470,930	-23690,020
417+0,00	0,000	2,380	0,450	36,660	781,360	24507,590	-23726,230
418+0,00	0,000	2,910	0,000	53,150	781,360	24560,730	-23779,370
419+0,00	0,000	2,920	0,000	58,030	781,360	24618,760	-23837,400
420+0,00	0,000	2,830	0,000	57,510	781,360	24676,280	-23894,920
421+0,00	0,000	3,340	0,000	61,980	781,360	24738,260	-23956,900
422+0,00	0,000	3,870	0,000	72,390	781,360	24810,650	-24029,290
423+0,00	0,000	4,100	0,000	79,740	781,360	24890,400	-24109,040
424+0,00	0,000	3,130	0,000	72,430	781,360	24962,830	-24181,470
425+0,00	0,000	2,820	0,000	59,470	781,360	25022,300	-24240,940
426+0,00	0,000	2,980	0,000	57,990	781,360	25080,290	-24298,930
427+0,00	0,000	2,880	0,000	58,560	781,360	25138,850	-24357,490
428+0,00	0,000	2,680	0,000	55,610	781,360	25194,460	-24413,100
429+0,00	0,000	2,820	0,000	55,050	781,360	25249,510	-24468,150
430+0,00	0,000	2,670	0,000	54,920	781,360	25304,420	-24523,060
431+0,00	0,000	2,900	0,000	55,740	781,360	25360,160	-24578,800
432+0,00	0,000	3,010	0,000	59,140	781,360	25419,300	-24637,940
433+0,00	0,000	2,980	0,000	59,800	781,360	25479,100	-24697,740
434+0,00	0,000	3,170	0,000	61,510	781,360	25540,610	-24759,250
435+0,00	0,000	3,010	0,000	61,820	781,360	25602,430	-24821,070
436+0,00	0,000	3,490	0,000	65,120	781,360	25667,540	-24886,180
437+0,00	0,000	2,750	0,000	62,470	781,360	25730,010	-24948,650
438+0,00	0,000	2,760	0,000	55,040	781,360	25785,050	-25003,690

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)
439+0,00	0,000	3,290	0,000	60,410	781,360	25845,460	-25064,100
440+0,00	0,000	2,550	0,000	58,350	781,360	25903,810	-25122,450
441+0,00	0,000	3,430	0,000	59,860	781,360	25963,670	-25182,310
442+0,00	0,000	3,980	0,000	74,130	781,360	26037,800	-25256,440
443+0,00	0,000	2,920	0,000	69,020	781,360	26106,810	-25325,450
444+0,00	0,000	2,940	0,000	58,540	781,360	26165,360	-25384,000
445+0,00	0,000	3,190	0,000	61,230	781,360	26226,580	-25445,220
446+0,00	0,000	2,940	0,000	61,280	781,360	26287,860	-25506,500
447+0,00	0,000	2,920	0,000	58,620	781,360	26346,480	-25565,120
448+0,00	0,000	2,880	0,000	58,030	781,360	26404,510	-25623,150
449+0,00	0,000	2,290	0,000	51,700	781,360	26456,200	-25674,840
450+0,00	0,000	2,760	0,000	50,500	781,360	26506,700	-25725,340
451+0,00	0,000	2,580	0,000	53,350	781,360	26560,050	-25778,690
452+0,00	0,000	2,750	0,000	53,270	781,360	26613,320	-25831,960
453+0,00	0,000	2,650	0,000	54,010	781,360	26667,330	-25885,970
454+0,00	0,000	3,960	0,000	66,110	781,360	26733,430	-25952,070
455+0,00	0,000	3,740	0,000	77,010	781,360	26810,450	-26029,090
456+0,00	0,000	3,000	0,000	67,400	781,360	26877,850	-26096,490
457+0,00	0,000	3,160	0,000	61,630	781,360	26939,480	-26158,120
458+0,00	0,000	2,700	0,000	58,580	781,360	26998,070	-26216,710
459+0,00	0,000	2,960	0,000	56,590	781,360	27054,660	-26273,300
460+0,00	0,000	2,560	0,000	55,120	781,360	27109,780	-26328,420
461+0,00	0,000	2,440	0,000	49,930	781,360	27159,700	-26378,340
462+0,00	0,000	3,110	0,000	55,480	781,360	27215,180	-26433,820
463+0,00	0,000	2,560	0,000	56,630	781,360	27271,810	-26490,450
464+0,00	0,000	2,120	0,000	46,770	781,360	27318,580	-26537,220
465+0,00	0,000	2,950	0,000	50,730	781,360	27369,310	-26587,950
466+0,00	0,000	2,610	0,000	55,450	781,360	27424,760	-26643,400
467+0,00	0,000	2,880	0,000	54,830	781,360	27479,590	-26698,230
468+0,00	0,000	3,010	0,000	58,970	781,360	27538,560	-26757,200
469+0,00	0,000	3,020	0,000	60,320	781,360	27598,880	-26817,520
470+0,00	0,000	3,670	0,000	66,890	781,360	27665,770	-26884,410
471+0,00	0,000	4,050	0,000	77,200	781,360	27742,970	-26961,610
472+0,00	0,000	4,250	0,000	82,970	781,360	27825,940	-27044,580
473+0,00	0,000	3,060	0,000	73,070	781,360	27899,000	-27117,640
474+0,00	0,000	2,800	0,000	58,330	781,360	27957,330	-27175,970
475+0,00	0,000	3,030	0,000	58,230	781,360	28015,560	-27234,200
476+0,00	0,000	2,980	0,000	60,070	781,360	28075,640	-27294,280
477+0,00	0,000	2,930	0,000	59,130	781,360	28134,770	-27353,410
478+0,00	0,000	2,870	0,000	57,840	781,360	28192,610	-27411,250
479+0,00	0,000	2,880	0,000	57,440	781,360	28250,050	-27468,690
480+0,00	0,000	3,070	0,000	59,430	781,360	28309,480	-27528,120
481+0,00	0,000	3,360	0,000	64,300	781,360	28373,780	-27592,420
482+0,00	0,000	3,120	0,000	64,750	781,360	28438,530	-27657,170
483+0,00	0,000	2,860	0,000	59,770	781,360	28498,300	-27716,940
484+0,00	0,000	2,880	0,000	57,430	781,360	28555,730	-27774,370
485+0,00	0,000	2,340	0,000	52,300	781,360	28608,030	-27826,670
486+0,00	0,000	2,680	0,000	50,270	781,360	28658,300	-27876,940
487+0,00	0,000	0,000	0,000	27,010	781,360	28685,310	-27903,950
488+0,00	0,000	2,590	0,000	25,910	781,360	28711,220	-27929,860
489+0,00	0,020	1,810	0,160	44,100	781,520	28755,320	-27973,800
490+0,00	0,130	1,160	1,500	29,750	783,020	28785,070	-28002,050
491+0,00	0,290	0,760	4,240	19,260	787,260	28804,330	-28017,070
492+0,00	0,440	0,540	7,210	13,100	794,470	28817,440	-28022,970
493+0,00	0,660	0,100	10,870	6,450	805,350	28823,890	-28018,540
494+0,00	1,370	0,000	20,290	0,990	825,640	28824,880	-27999,240
495+0,00	0,530	0,320	18,970	3,230	844,600	28828,110	-27983,510
496+0,00	0,000	2,200	5,300	25,250	849,910	28853,360	-28003,450
497+0,00	0,000	2,930	0,000	51,360	849,910	28904,720	-28054,810
498+0,00	0,000	3,270	0,000	62,030	849,910	28966,740	-28116,830
499+0,00	0,000	3,180	0,000	64,480	849,910	29031,230	-28181,320
500+0,00	0,000	2,980	0,000	61,500	849,910	29092,720	-28242,810
501+0,00	0,000	2,900	0,000	58,760	849,910	29151,490	-28301,580
502+0,00	0,000	2,420	0,000	53,230	849,910	29204,720	-28354,810

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)
503+0,00	0,000	4,090	0,000	65,040	849,910	29269,760	-28419,850
504+0,00	0,000	4,180	0,000	82,700	849,910	29352,460	-28502,550
505+0,00	0,000	3,510	0,000	76,950	849,910	29429,410	-28579,500
506+0,00	0,000	2,930	0,000	64,430	849,910	29493,840	-28643,930
507+0,00	0,000	1,870	0,000	47,430	849,910	29541,270	-28691,360
508+0,00	0,000	1,680	0,040	35,360	849,940	29576,630	-28726,690
509+0,00	0,000	2,660	0,040	43,390	849,980	29620,030	-28770,050
510+0,00	0,000	3,220	0,000	58,820	849,980	29678,850	-28828,870
511+0,00	0,000	3,710	0,000	69,350	849,980	29748,200	-28898,220
512+0,00	0,000	3,190	0,000	69,050	849,980	29817,250	-28967,270
513+0,00	0,000	2,950	0,000	61,410	849,980	29878,660	-29028,680
514+0,00	0,000	2,930	0,000	58,780	849,980	29937,440	-29087,460
515+0,00	0,000	2,900	0,000	58,360	849,980	29995,800	-29145,820
516+0,00	0,000	2,940	0,000	58,510	849,980	30054,310	-29204,330
517+0,00	0,000	2,050	0,000	49,910	849,980	30104,230	-29254,250
518+0,00	0,000	2,850	0,000	49,050	849,980	30153,270	-29303,290
519+0,00	0,000	3,140	0,000	59,990	849,980	30213,260	-29363,280
520+0,00	0,000	3,000	0,000	61,410	849,980	30274,670	-29424,690
521+0,00	0,000	3,090	0,000	60,910	849,980	30335,590	-29485,610
522+0,00	0,000	2,990	0,000	60,910	849,980	30396,490	-29546,510
523+0,00	0,000	2,950	0,000	59,470	849,980	30455,960	-29605,980
524+0,00	0,000	2,900	0,000	58,490	849,980	30514,450	-29664,470
525+0,00	0,000	2,790	0,000	56,940	849,980	30571,390	-29721,410
526+0,00	0,000	3,010	0,000	58,300	849,980	30629,690	-29779,710
527+0,00	0,000	3,150	0,000	61,410	849,980	30691,100	-29841,120
528+0,00	0,000	3,320	0,000	64,450	849,980	30755,540	-29905,560
529+0,00	0,000	3,070	0,000	63,780	849,980	30819,320	-29969,340
530+0,00	0,000	3,020	0,000	60,970	849,980	30880,290	-30030,310
531+0,00	0,000	3,130	0,000	61,620	849,980	30941,910	-30091,930
532+0,00	0,000	3,000	0,000	61,400	849,980	31003,320	-30153,340
533+0,00	0,000	3,540	0,000	65,480	849,980	31068,790	-30218,810
534+0,00	0,000	3,250	0,000	68,220	849,980	31137,010	-30287,030
535+0,00	0,000	2,910	0,000	61,660	849,980	31198,680	-30348,700
536+0,00	0,000	3,080	0,000	60,040	849,980	31258,720	-30408,740
537+0,00	0,000	3,010	0,000	61,230	849,980	31319,950	-30469,970
538+0,00	0,000	2,970	0,000	59,950	849,980	31379,890	-30529,910
539+0,00	0,000	2,940	0,000	59,100	849,980	31438,990	-30589,010
540+0,00	0,000	2,950	0,000	58,900	849,980	31497,890	-30647,910
541+0,00	0,000	3,600	0,000	65,230	849,980	31563,110	-30713,130
542+0,00	0,000	2,890	0,000	64,920	849,980	31628,030	-30778,050
543+0,00	0,000	2,770	0,000	56,620	849,980	31684,640	-30834,660
544+0,00	0,000	3,050	0,000	58,020	849,980	31742,660	-30892,680
545+0,00	0,000	3,490	0,000	65,320	849,980	31807,980	-30958,000
546+0,00	0,000	3,130	0,000	66,200	849,980	31874,170	-31024,190
547+0,00	0,000	3,860	0,000	70,030	849,980	31944,200	-31094,220
548+0,00	0,000	2,890	0,000	67,530	849,980	32011,730	-31161,750
549+0,00	0,000	3,000	0,000	58,920	849,980	32070,650	-31220,670
550+0,00	0,000	3,010	0,000	60,110	849,980	32130,760	-31280,780
551+0,00	0,000	2,380	0,000	53,780	849,980	32184,540	-31334,560
552+0,00	0,000	2,470	0,000	48,550	849,980	32233,080	-31383,100
553+0,00	0,000	2,560	0,000	50,330	849,980	32283,410	-31433,430
554+0,00	0,000	2,460	0,000	50,210	849,980	32333,620	-31483,640
555+0,00	0,000	3,330	0,000	57,970	849,980	32391,580	-31541,600
556+0,00	0,000	3,580	0,000	69,130	849,980	32460,710	-31610,730
557+0,00	0,000	3,140	0,000	67,200	849,980	32527,910	-31677,930
558+0,00	0,000	2,950	0,000	60,870	849,980	32588,780	-31738,800
559+0,00	0,000	2,990	0,000	59,390	849,980	32648,170	-31798,190
560+0,00	0,000	2,940	0,000	59,290	849,980	32707,460	-31857,480
561+0,00	0,000	2,570	0,000	55,070	849,980	32762,530	-31912,550
562+0,00	0,000	2,300	0,000	48,710	849,980	32811,230	-31961,250
563+0,00	0,000	2,560	0,000	48,560	849,980	32859,790	-32009,810
564+0,00	0,000	2,950	0,000	55,070	849,980	32914,860	-32064,880
565+0,00	0,000	2,960	0,000	59,090	849,980	32973,950	-32123,970
566+0,00	0,000	3,800	0,000	67,670	849,980	33041,630	-32191,650

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)
567+0,00	0,000	3,780	0,000	75,790	849,980	33117,410	-32267,430
568+0,00	0,000	3,310	0,000	70,940	849,980	33188,360	-32338,380
569+0,00	0,000	2,950	0,000	62,700	849,980	33251,060	-32401,080
570+0,00	0,000	2,960	0,000	59,120	849,980	33310,180	-32460,200
571+0,00	0,000	3,370	0,000	63,210	849,980	33373,390	-32523,410
572+0,00	0,000	6,080	0,000	94,370	849,980	33467,770	-32617,790
573+0,00	0,000	8,230	0,000	143,090	849,980	33610,860	-32760,880
574+0,00	0,000	9,240	0,000	174,640	849,980	33785,500	-32935,520
575+0,00	0,000	10,150	0,000	193,890	849,980	33979,390	-33129,410
576+0,00	0,000	11,220	0,000	213,660	849,980	34193,060	-33343,080
577+0,00	0,000	9,490	0,000	207,020	849,980	34400,080	-33550,100
578+0,00	0,000	8,580	0,000	180,680	849,980	34580,760	-33730,780
579+0,00	0,000	7,690	0,000	162,760	849,980	34743,520	-33893,540
580+0,00	0,000	5,870	0,000	135,590	849,980	34879,110	-34029,130
581+0,00	0,000	4,170	0,000	100,400	849,980	34979,510	-34129,530
582+0,00	0,000	3,050	0,000	72,270	849,980	35051,780	-34201,800
583+0,00	0,000	2,970	0,000	60,230	849,980	35112,010	-34262,030
584+0,00	0,000	3,050	0,000	60,190	849,980	35172,200	-34322,220
585+0,00	0,000	1,090	0,000	41,350	849,980	35213,550	-34363,570
586+0,00	0,990	0,000	9,890	10,880	859,880	35224,430	-34364,550
587+0,00	0,090	0,080	10,750	0,830	870,620	35225,260	-34354,640
588+0,00	0,000	2,190	0,850	22,690	871,470	35247,950	-34376,480
589+0,00	0,000	2,900	0,000	50,830	871,470	35298,780	-34427,310
590+0,00	0,000	2,310	0,000	52,080	871,470	35350,860	-34479,390
591+0,00	0,000	1,080	0,000	33,860	871,470	35384,720	-34513,250
592+0,00	0,000	1,230	0,000	23,080	871,470	35407,800	-34536,330
593+0,00	0,000	2,860	0,000	40,940	871,470	35448,740	-34577,270
594+0,00	0,000	5,340	0,000	82,080	871,470	35530,820	-34659,350
595+0,00	0,000	6,910	0,000	122,560	871,470	35653,380	-34781,910
596+0,00	0,000	5,080	0,000	119,860	871,470	35773,240	-34901,770
597+0,00	0,000	2,990	0,000	80,680	871,470	35853,920	-34982,450
598+0,00	0,000	4,240	0,000	72,340	871,470	35926,260	-35054,790
599+0,00	0,000	5,090	0,000	93,350	871,470	36019,600	-35148,130
600+0,00	0,000	4,810	0,000	99,040	871,470	36118,650	-35247,180
601+0,00	0,000	4,220	0,000	90,350	871,470	36208,990	-35337,520
602+0,00	0,000	3,450	0,000	76,760	871,470	36285,760	-35414,290
603+0,00	0,000	3,340	0,000	67,920	871,470	36353,680	-35482,210
604+0,00	0,000	3,160	0,000	65,020	871,470	36418,700	-35547,230
605+0,00	0,000	2,610	0,000	57,700	871,470	36476,400	-35604,930
606+0,00	0,000	2,780	0,000	53,890	871,470	36530,290	-35658,820
607+0,00	0,000	2,790	0,000	55,520	871,470	36585,810	-35714,340
608+0,00	0,000	3,050	0,000	58,410	871,470	36644,220	-35772,750
609+0,00	0,000	3,000	0,000	60,540	871,470	36704,760	-35833,290
610+0,00	0,000	2,980	0,000	59,930	871,470	36764,690	-35893,220
611+0,00	0,000	2,940	0,000	59,270	871,470	36823,960	-35952,490
612+0,00	0,000	2,790	0,000	57,360	871,470	36881,320	-36009,850
613+0,00	0,000	2,880	0,000	56,690	871,470	36938,010	-36066,540
614+0,00	0,000	2,960	0,000	58,410	871,470	36996,420	-36124,950
615+0,00	0,000	2,300	0,000	52,630	871,470	37049,060	-36177,590
616+0,00	0,000	2,570	0,000	48,660	871,470	37097,720	-36226,250
617+0,00	0,000	2,820	0,000	53,870	871,470	37151,580	-36280,110
618+0,00	0,000	3,240	0,000	60,670	871,470	37212,250	-36340,780
619+0,00	0,000	2,540	0,000	57,850	871,470	37270,110	-36398,640
620+0,00	0,000	2,620	0,000	51,550	871,470	37321,660	-36450,190
621+0,00	0,000	0,750	0,000	33,660	871,470	37355,320	-36483,850
622+0,00	0,290	0,010	2,850	7,610	874,320	37362,930	-36488,610
623+0,00	1,360	0,000	16,500	0,100	890,820	37363,030	-36472,210
624+0,00	2,400	0,000	37,620	0,000	928,440	37363,030	-36434,590
625+0,00	1,520	0,000	39,190	0,000	967,630	37363,030	-36395,400
626+0,00	0,470	0,000	19,910	0,000	987,540	37363,030	-36375,490
627+0,00	0,000	1,080	4,730	10,770	992,260	37373,800	-36381,540
628+0,00	0,000	3,440	0,000	45,140	992,260	37418,940	-36426,680
629+0,00	0,000	3,080	0,000	65,210	992,260	37484,150	-36491,890
630+0,00	0,000	3,440	0,000	65,180	992,260	37549,330	-36557,070

Osvaldo Leôncio da Silv
Diretor da Unidade de Proje
Projetos e Obras - DUPO
Secretaria das Obra

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	3,160	0,000	65,880	992,260	37615,210	-36622,950
632+0,00	0,000	2,980	0,000	61,400	992,260	37676,620	-36684,360
633+0,00	0,000	2,480	0,000	54,610	992,260	37731,220	-36738,960
634+0,00	0,000	2,590	0,000	50,680	992,260	37781,900	-36789,640
635+0,00	0,000	2,760	0,000	53,550	992,260	37835,450	-36843,190
636+0,00	0,000	2,860	0,000	56,190	992,260	37891,650	-36899,390
637+0,00	0,000	2,840	0,000	56,960	992,260	37948,610	-36956,350
638+0,00	0,000	2,890	0,000	57,280	992,260	38005,890	-37013,630
639+0,00	0,000	5,020	0,000	79,100	992,260	38084,990	-37092,730
640+0,00	0,000	3,580	0,000	85,980	992,260	38170,970	-37178,710
641+0,00	0,000	3,780	0,000	73,610	992,260	38244,580	-37252,320
642+0,00	0,000	3,490	0,000	72,740	992,260	38317,320	-37325,060
643+0,00	0,000	3,660	0,000	71,540	992,260	38388,860	-37396,600
644+0,00	0,000	2,980	0,000	66,430	992,260	38455,290	-37463,030
645+0,00	0,000	3,340	0,000	63,120	992,260	38518,410	-37526,150
646+0,00	0,000	2,880	0,000	62,260	992,260	38580,670	-37588,410
647+0,00	0,000	2,380	0,000	52,740	992,260	38633,400	-37641,140
648+0,00	0,000	1,730	0,000	41,040	992,260	38674,450	-37682,190
649+0,00	0,000	2,880	0,000	46,050	992,260	38720,490	-37728,230
650+0,00	0,000	2,890	0,000	57,690	992,260	38778,180	-37785,920
651+0,00	0,000	2,710	0,000	55,950	992,260	38834,130	-37841,870
652+0,00	0,000	2,920	0,000	56,300	992,260	38890,440	-37898,180
653+0,00	0,000	3,240	0,000	61,620	992,260	38952,060	-37959,800
654+0,00	0,000	2,950	0,000	61,940	992,260	39014,000	-38021,740
655+0,00	0,000	3,030	0,000	59,800	992,260	39073,800	-38081,540
656+0,00	0,000	2,960	0,000	59,890	992,260	39133,690	-38141,430
657+0,00	0,000	3,130	0,000	60,970	992,260	39194,660	-38202,400
658+0,00	0,000	3,080	0,000	62,090	992,260	39256,750	-38264,490
659+0,00	0,000	3,110	0,000	61,900	992,260	39318,660	-38326,400
660+0,00	0,000	2,880	0,000	59,880	992,260	39378,540	-38386,280
661+0,00	0,000	1,890	0,000	47,650	992,260	39426,180	-38433,920
662+0,00	0,000	2,190	0,000	40,770	992,260	39466,950	-38474,690
663+0,00	0,000	2,970	0,000	51,600	992,260	39518,550	-38526,290
664+0,00	0,000	2,400	0,000	53,710	992,260	39572,260	-38580,000
665+0,00	0,000	1,870	0,000	42,690	992,260	39614,950	-38622,690
666+0,00	0,000	2,230	0,000	40,940	992,260	39655,890	-38663,630
667+0,00	0,000	2,470	0,000	46,960	992,260	39702,850	-38710,590
668+0,00	0,000	2,730	0,000	51,960	992,260	39754,810	-38762,550
669+0,00	0,000	2,600	0,000	53,270	992,260	39808,080	-38815,820
670+0,00	0,000	2,680	0,000	52,770	992,260	39860,840	-38868,580
671+0,00	0,000	2,310	0,000	49,820	992,260	39910,660	-38918,400
672+0,00	0,000	2,310	0,000	46,120	992,260	39956,780	-38964,520
673+0,00	0,000	2,910	0,000	52,120	992,260	40008,900	-39016,640
674+0,00	0,000	2,570	0,000	54,810	992,260	40063,710	-39071,450
675+0,00	0,000	2,250	0,000	48,300	992,260	40112,000	-39119,740
676+0,00	0,000	2,340	0,000	45,980	992,260	40157,990	-39165,730
677+0,00	0,000	2,270	0,000	46,090	992,260	40204,070	-39211,810
678+0,00	0,000	2,660	0,000	49,290	992,260	40253,360	-39261,100
679+0,00	0,000	3,110	0,000	57,720	992,260	40311,080	-39318,820
680+0,00	0,000	3,740	0,000	68,520	992,260	40379,600	-39387,340
681+0,00	0,000	3,170	0,000	69,100	992,260	40448,700	-39456,440
682+0,00	0,000	2,920	0,000	60,930	992,260	40509,630	-39517,370
683+0,00	0,000	2,910	0,000	58,350	992,260	40567,980	-39575,720
684+0,00	0,000	2,980	0,000	58,870	992,260	40626,850	-39634,590
685+0,00	0,000	2,850	0,000	58,300	992,260	40685,140	-39692,880
686+0,00	0,000	3,110	0,000	59,640	992,260	40744,780	-39752,520
687+0,00	0,000	3,090	0,000	62,040	992,260	40806,820	-39814,560
688+0,00	0,000	3,000	0,000	60,960	992,260	40867,780	-39875,520
689+0,00	0,000	2,820	0,000	58,180	992,260	40925,970	-39933,710
690+0,00	0,000	2,780	0,000	56,090	992,260	40982,060	-39989,800
691+0,00	0,000	2,680	0,000	54,640	992,260	41036,700	-40044,440
692+0,00	0,000	2,890	0,000	55,660	992,260	41092,360	-40100,100
693+0,00	0,000	2,860	0,000	57,380	992,260	41149,740	-40157,480
694+0,00	0,000	2,810	0,000	56,510	992,260	41206,250	-40213,990

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Projetos
Projetos e Obras - DER PB
Secretaria das Cidades (Adj)

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	2,750	0,000	55,680	992,260	41261,940	-40269,680
696+0,00	0,000	1,520	0,040	42,700	992,300	41304,640	-40312,340
697+0,00	0,310	0,490	3,110	20,030	995,410	41324,670	-40329,260
698+0,00	0,000	0,020	3,050	5,110	998,470	41329,780	-40331,310
699+0,00	0,910	0,040	9,080	0,610	1007,540	41330,400	-40322,860
700+0,00	0,470	0,310	13,750	3,480	1021,290	41333,880	-40312,590
701+0,00	0,130	0,840	6,070	11,470	1027,360	41345,350	-40317,990
702+0,00	0,000	1,540	1,400	23,760	1028,750	41369,110	-40340,360
703+0,00	0,000	2,400	0,050	39,290	1028,800	41408,400	-40379,600
704+0,00	0,000	2,990	0,000	53,850	1028,800	41462,250	-40433,450
705+0,00	0,000	3,050	0,000	60,330	1028,800	41522,590	-40493,790
706+0,00	0,000	3,040	0,000	60,900	1028,800	41583,490	-40554,690
707+0,00	0,000	2,970	0,000	60,090	1028,800	41643,580	-40614,780
708+0,00	0,000	2,290	0,000	52,590	1028,800	41696,170	-40667,370
709+0,00	0,000	2,150	0,000	44,390	1028,800	41740,570	-40711,770
710+0,00	0,000	2,730	0,000	48,840	1028,800	41789,410	-40760,610
711+0,00	0,000	3,120	0,000	58,500	1028,800	41847,910	-40819,110
712+0,00	0,000	3,370	0,000	64,890	1028,800	41912,800	-40884,000
713+0,00	0,000	2,970	0,000	63,250	1028,800	41976,060	-40947,260
714+0,00	0,000	2,880	0,000	58,500	1028,800	42034,550	-41005,750
715+0,00	0,000	2,920	0,000	57,960	1028,800	42092,510	-41063,710
716+0,00	0,000	3,040	0,000	59,610	1028,800	42152,120	-41123,320
717+0,00	0,000	2,960	0,000	59,990	1028,800	42212,110	-41183,310
718+0,00	0,000	2,960	0,000	59,020	1028,800	42271,130	-41242,330
719+0,00	0,000	2,870	0,000	58,460	1028,800	42329,590	-41300,790
720+0,00	0,000	2,840	0,000	57,070	1028,800	42386,650	-41357,850
721+0,00	0,000	2,800	0,000	56,430	1028,800	42443,080	-41414,280
722+0,00	0,000	2,540	0,000	53,390	1028,800	42496,470	-41467,670
723+0,00	0,000	2,160	0,000	46,980	1028,800	42543,450	-41514,650
724+0,00	0,000	2,420	0,000	45,770	1028,800	42589,220	-41560,420
725+0,00	0,000	2,670	0,000	50,870	1028,800	42640,100	-41611,300
726+0,00	0,000	2,670	0,000	53,330	1028,800	42693,420	-41664,620
727+0,00	0,000	2,830	0,000	55,000	1028,800	42748,430	-41719,630
728+0,00	0,000	2,890	0,000	57,270	1028,800	42805,700	-41776,900
729+0,00	0,000	2,420	0,000	53,400	1028,800	42859,100	-41830,300
730+0,00	0,020	0,000	0,220	24,210	1029,020	42883,310	-41854,290
731+0,00	0,000	0,930	0,210	9,330	1029,230	42892,640	-41863,410
732+0,00	0,000	2,120	0,000	30,510	1029,230	42923,150	-41893,920
733+0,00	0,000	2,580	0,000	47,180	1029,230	42970,330	-41941,100
734+0,00	0,000	2,040	0,000	46,250	1029,230	43016,580	-41987,350
735+0,00	0,000	2,770	0,000	48,300	1029,230	43064,880	-42035,650
736+0,00	0,000	2,890	0,000	56,870	1029,230	43121,750	-42092,520
737+0,00	0,000	2,920	0,000	58,160	1029,230	43179,910	-42150,680
738+0,00	0,000	2,730	0,000	56,600	1029,230	43236,510	-42207,280
739+0,00	0,000	2,810	0,000	55,400	1029,230	43291,910	-42262,680
740+0,00	0,000	2,720	0,000	55,310	1029,230	43347,230	-42318,000
741+0,00	0,000	2,900	0,000	56,230	1029,230	43403,460	-42374,230
742+0,00	0,000	4,350	0,000	72,570	1029,230	43476,030	-42446,800
743+0,00	0,000	4,840	0,000	91,920	1029,230	43567,940	-42538,710
744+0,00	0,000	4,350	0,000	91,930	1029,230	43659,880	-42630,650
745+0,00	0,000	3,640	0,000	80,040	1029,230	43739,910	-42710,680
746+0,00	0,000	3,040	0,000	66,990	1029,230	43806,900	-42777,670
747+0,00	0,000	3,020	0,000	60,730	1029,230	43867,630	-42838,400
748+0,00	0,000	3,060	0,000	60,940	1029,230	43928,570	-42899,340
749+0,00	0,000	2,830	0,000	58,740	1029,230	43987,310	-42958,080
750+0,00	0,000	1,870	0,000	47,010	1029,230	44034,320	-43005,090
751+0,00	0,000	1,640	0,000	34,970	1029,230	44069,280	-43040,050
752+0,00	0,000	2,430	0,000	40,700	1029,230	44109,980	-43080,750
753+0,00	0,000	2,810	0,000	52,320	1029,230	44162,300	-43133,070
754+0,00	0,000	2,430	0,000	52,450	1029,230	44214,750	-43185,520
755+0,00	0,000	2,690	0,000	51,150	1029,230	44265,900	-43236,670
756+0,00	0,000	2,520	0,000	51,810	1029,230	44317,710	-43288,480
757+0,00	0,000	2,740	0,000	52,250	1029,230	44369,960	-43340,730
758+0,00	0,000	2,770	0,000	54,980	1029,230	44424,940	-43395,710

Osvaldo Leôncio da S[illegible]ho
Diretor da Unidade de P[illegible]as
Projetos e Obras - DU[illegible]O
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)
759+0,00	0,000	2,840	0,000	56,150	1029,230	44481,090	-43451,860
760+0,00	0,000	4,430	0,000	72,740	1029,230	44553,830	-43524,600
761+0,00	0,000	4,280	0,000	87,080	1029,230	44640,910	-43611,680
762+0,00	0,000	3,810	0,000	80,850	1029,230	44721,750	-43692,520
763+0,00	0,000	2,890	0,000	66,990	1029,230	44788,740	-43759,510
764+0,00	0,000	2,750	0,000	56,370	1029,230	44845,110	-43815,880
765+0,00	0,000	2,700	0,000	54,480	1029,230	44899,590	-43870,360
766+0,00	0,000	2,660	0,000	53,670	1029,230	44953,260	-43924,030
767+0,00	0,000	2,680	0,000	53,420	1029,230	45006,680	-43977,450
768+0,00	0,000	2,620	0,000	52,980	1029,230	45059,650	-44030,420
769+0,00	0,000	2,820	0,000	54,400	1029,230	45114,060	-44084,830
770+0,00	0,000	2,970	0,000	57,860	1029,230	45171,910	-44142,680
771+0,00	0,000	2,810	0,000	57,710	1029,230	45229,620	-44200,390
772+0,00	0,000	2,770	0,000	55,770	1029,230	45285,400	-44256,170
773+0,00	0,000	2,650	0,000	54,270	1029,230	45339,670	-44310,440
774+0,00	0,000	2,740	0,000	53,980	1029,230	45393,650	-44364,420
775+0,00	0,000	3,200	0,000	59,390	1029,230	45453,040	-44423,810
776+0,00	0,000	6,830	0,000	100,230	1029,230	45553,270	-44524,040
777+0,00	0,000	6,480	0,000	133,090	1029,230	45686,360	-44657,130
778+0,00	0,000	5,360	0,000	118,440	1029,230	45804,800	-44775,570
779+0,00	0,000	4,010	0,000	93,730	1029,230	45898,530	-44869,300
780+0,00	0,000	2,880	0,000	68,890	1029,230	45967,420	-44938,190
781+0,00	0,000	2,920	0,000	57,950	1029,230	46025,370	-44996,140
782+0,00	0,000	2,510	0,000	54,280	1029,230	46079,660	-45050,430
783+0,00	0,000	3,100	0,000	56,080	1029,230	46135,740	-45106,510
784+0,00	0,000	4,070	0,000	71,680	1029,230	46207,420	-45178,190
785+0,00	0,000	4,320	0,000	83,900	1029,230	46291,320	-45262,090
786+0,00	0,000	3,230	0,000	75,410	1029,230	46366,730	-45337,500
787+0,00	0,000	2,840	0,000	60,690	1029,230	46427,420	-45398,190
788+0,00	0,000	2,850	0,000	56,910	1029,230	46484,330	-45455,100
789+0,00	0,000	2,780	0,000	56,290	1029,230	46540,620	-45511,390
790+0,00	0,000	2,900	0,000	56,730	1029,230	46597,350	-45568,120
791+0,00	0,000	2,910	0,000	58,080	1029,230	46655,420	-45626,190
792+0,00	0,000	2,890	0,000	58,010	1029,230	46713,430	-45684,200
793+0,00	0,000	3,080	0,000	59,660	1029,230	46773,090	-45743,860
794+0,00	0,000	3,880	0,000	69,640	1029,230	46842,730	-45813,500
795+0,00	0,000	3,390	0,000	72,760	1029,230	46915,490	-45886,260
796+0,00	0,000	2,880	0,000	62,670	1029,230	46978,160	-45948,930
797+0,00	0,000	2,730	0,000	56,120	1029,230	47034,280	-46005,050
798+0,00	0,000	2,670	0,000	54,030	1029,230	47088,310	-46059,080
799+0,00	0,000	2,910	0,000	55,780	1029,230	47144,090	-46114,860
800+0,00	0,000	2,880	0,000	57,730	1029,230	47201,820	-46172,590
801+0,00	0,000	2,860	0,000	57,320	1029,230	47259,130	-46229,900
802+0,00	0,000	2,850	0,000	57,090	1029,230	47316,230	-46287,000
803+0,00	0,000	2,770	0,000	56,220	1029,230	47372,450	-46343,220
804+0,00	0,000	2,800	0,000	55,690	1029,230	47428,140	-46398,910
805+0,00	0,000	3,240	0,000	60,310	1029,230	47488,450	-46459,220
806+0,00	0,000	3,280	0,000	65,210	1029,230	47553,660	-46524,430
807+0,00	0,000	2,830	0,000	61,130	1029,230	47614,790	-46585,560
808+0,00	0,000	2,680	0,000	54,980	1029,230	47669,760	-46640,530
809+0,00	0,000	2,090	0,000	47,700	1029,230	47717,460	-46688,230
810+0,00	0,000	2,830	0,000	49,100	1029,230	47766,560	-46737,330
811+0,00	0,000	2,930	0,000	57,730	1029,230	47824,290	-46795,060
812+0,00	0,000	2,860	0,000	58,070	1029,230	47882,360	-46853,130
813+0,00	0,000	2,790	0,000	56,590	1029,230	47938,950	-46909,720
814+0,00	0,000	2,750	0,000	55,460	1029,230	47994,410	-46965,180
815+0,00	0,000	3,000	0,000	57,500	1029,230	48051,910	-47022,680
816+0,00	0,000	2,740	0,000	57,340	1029,230	48109,250	-47080,020
817+0,00	0,000	2,740	0,000	54,740	1029,230	48163,990	-47134,760
818+0,00	0,000	3,330	0,000	60,720	1029,230	48224,710	-47195,480
819+0,00	0,000	3,010	0,000	63,450	1029,230	48288,160	-47258,930
820+0,00	0,000	2,930	0,000	59,360	1029,230	48347,520	-47318,290
821+0,00	0,000	3,110	0,000	60,360	1029,230	48407,880	-47378,650
822+0,00	0,000	3,160	0,000	62,670	1029,230	48470,550	-47441,320

Osvaldo Leôncio da Silv
Diretor da Unidade de Progr
Projetos e Obras - SUPAR
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)
823+0,00	0,000	2,990	0,000	61,520	1029,230	48532,060	-47502,830
824+0,00	0,000	3,270	0,000	62,640	1029,230	48594,700	-47565,470
825+0,00	0,000	2,990	0,000	62,620	1029,230	48657,320	-47628,090
826+0,00	0,000	3,540	0,000	65,320	1029,230	48722,640	-47693,410
827+0,00	0,000	3,520	0,000	70,670	1029,230	48793,320	-47764,090
828+0,00	0,000	2,580	0,000	61,050	1029,230	48854,370	-47825,140
829+0,00	0,000	2,540	0,000	51,190	1029,230	48905,560	-47876,330
830+0,00	0,000	2,720	0,000	52,580	1029,230	48958,140	-47928,910
831+0,00	0,000	2,900	0,000	56,150	1029,230	49014,290	-47985,060
832+0,00	0,000	3,310	0,000	62,020	1029,230	49076,300	-48047,070
833+0,00	0,000	3,160	0,000	64,690	1029,230	49140,990	-48111,760
834+0,00	0,000	3,990	0,000	71,500	1029,230	49212,490	-48183,260
835+0,00	0,000	3,240	0,000	72,260	1029,230	49284,750	-48255,520
836+0,00	0,000	3,060	0,000	62,970	1029,230	49347,720	-48318,490
837+0,00	0,000	2,900	0,000	59,600	1029,230	49407,310	-48378,080
838+0,00	0,000	3,220	0,000	61,090	1029,230	49468,400	-48439,170
839+0,00	0,000	3,190	0,000	64,110	1029,230	49532,510	-48503,280
840+0,00	0,000	2,820	0,000	60,080	1029,230	49592,590	-48563,360
841+0,00	0,000	3,240	0,000	60,510	1029,230	49653,090	-48623,860
842+0,00	0,000	2,960	0,000	61,940	1029,230	49715,040	-48685,810
843+0,00	0,000	2,920	0,000	58,720	1029,230	49773,760	-48744,530
844+0,00	0,000	2,760	0,000	56,760	1029,230	49830,520	-48801,290
845+0,00	0,000	2,750	0,000	55,090	1029,230	49885,610	-48856,380
846+0,00	0,000	1,780	0,000	45,330	1029,230	49930,940	-48901,710
847+0,00	0,000	1,480	0,000	32,620	1029,230	49963,560	-48934,330
848+0,00	0,000	2,890	0,000	43,720	1029,230	50007,280	-48978,050
849+0,00	0,000	3,010	0,000	59,020	1029,230	50066,300	-49037,070
850+0,00	0,000	2,590	0,000	56,040	1029,230	50122,340	-49093,110
851+0,00	0,040	0,530	0,450	31,210	1029,680	50153,550	-49123,870
852+0,00	0,170	0,720	2,180	12,500	1031,860	50166,050	-49134,190
853+0,00	0,030	1,560	2,000	22,820	1033,860	50188,870	-49155,010
854+0,00	0,000	2,280	0,260	38,420	1034,120	50227,290	-49193,170
855+0,00	0,000	2,770	0,000	50,540	1034,120	50277,820	-49243,700
856+0,00	0,000	2,400	0,000	51,750	1034,120	50329,570	-49295,450
857+0,00	0,000	2,470	0,000	48,790	1034,120	50378,360	-49344,240
858+0,00	0,000	2,810	0,000	52,680	1034,120	50431,050	-49396,930
859+0,00	0,000	3,020	0,000	58,310	1034,120	50489,360	-49455,240
860+0,00	0,000	2,950	0,000	59,650	1034,120	50549,010	-49514,890
861+0,00	0,000	3,190	0,000	61,630	1034,120	50610,640	-49576,520
862+0,00	0,000	3,250	0,000	64,560	1034,120	50675,200	-49641,080
863+0,00	0,000	2,880	0,000	61,700	1034,120	50736,900	-49702,780
864+0,00	0,000	2,820	0,000	57,500	1034,120	50794,400	-49760,280
865+0,00	0,000	2,390	0,000	52,210	1034,120	50846,620	-49812,500
866+0,00	0,010	1,840	0,130	42,230	1034,250	50888,850	-49854,600
867+0,00	0,000	3,190	0,140	49,230	1034,400	50938,080	-49903,680
868+0,00	0,000	2,930	0,000	61,180	1034,400	50999,270	-49964,870
869+0,00	0,000	3,070	0,000	60,060	1034,400	51059,320	-50024,920
870+0,00	0,000	2,970	0,000	60,420	1034,400	51119,740	-50085,340
871+0,00	0,000	2,810	0,000	57,860	1034,400	51177,610	-50143,210
872+0,00	0,000	3,290	0,000	61,400	1034,400	51239,000	-50204,600
873+0,00	0,000	3,240	0,000	65,340	1034,400	51304,340	-50269,940
874+0,00	0,000	3,500	0,000	67,300	1034,400	51371,640	-50337,240
875+0,00	0,000	3,860	0,000	73,960	1034,400	51445,600	-50411,200
876+0,00	0,000	2,680	0,000	66,100	1034,400	51511,700	-50477,300
877+0,00	0,000	3,030	0,000	57,140	1034,400	51568,840	-50534,440
878+0,00	0,000	3,050	0,000	60,570	1034,400	51629,410	-50595,010
879+0,00	0,000	2,970	0,000	59,890	1034,400	51689,300	-50654,900
880+0,00	0,000	2,750	0,000	56,810	1034,400	51746,110	-50711,710
881+0,00	0,000	2,550	0,000	53,000	1034,400	51799,100	-50764,700
882+0,00	0,000	2,740	0,000	52,640	1034,400	51851,750	-50817,350
883+0,00	0,000	3,090	0,000	58,660	1034,400	51910,410	-50876,010
884+0,00	0,000	3,160	0,000	62,510	1034,400	51972,920	-50938,520
885+0,00	0,000	2,900	0,000	60,920	1034,400	52033,840	-50999,440
886+0,00	0,000	3,120	0,000	60,570	1034,400	52094,400	-51060,000

Osvaldo Leôncio da [illegible] Filho
Diretor da Unidade de [illegible]nas
Projetos e Obras - [illegible]PO
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)
887+0,00	0,000	2,610	0,000	57,660	1034,400	52152,060	-51117,660
888+0,00	0,000	2,980	0,000	55,900	1034,400	52207,960	-51173,560
889+0,00	0,000	2,960	0,000	59,410	1034,400	52267,370	-51232,970
890+0,00	0,000	2,990	0,000	59,470	1034,400	52326,840	-51292,440
891+0,00	0,000	2,930	0,000	58,910	1034,400	52385,760	-51351,360
892+0,00	0,000	2,840	0,000	57,590	1034,400	52443,340	-51408,940
893+0,00	0,000	2,970	0,000	57,980	1034,400	52501,320	-51466,920
894+0,00	0,000	3,100	0,000	60,590	1034,400	52561,900	-51527,500
895+0,00	0,000	3,440	0,000	65,370	1034,400	52627,280	-51592,880
896+0,00	0,000	2,680	0,000	61,150	1034,400	52688,430	-51654,030
897+0,00	0,000	2,710	0,000	53,930	1034,400	52742,350	-51707,950
898+0,00	0,000	2,870	0,000	55,750	1034,400	52798,100	-51763,700
899+0,00	0,000	2,920	0,000	57,850	1034,400	52855,950	-51821,550
900+0,00	0,000	2,720	0,000	56,500	1034,400	52912,450	-51878,050
901+0,00	0,000	3,010	0,000	57,420	1034,400	52969,870	-51935,470
902+0,00	0,000	3,290	0,000	63,090	1034,400	53032,960	-51998,560
903+0,00	0,000	2,610	0,000	58,950	1034,400	53091,910	-52057,510
904+0,00	0,000	2,880	0,000	54,960	1034,400	53146,870	-52112,470
905+0,00	0,000	2,930	0,000	58,090	1034,400	53204,950	-52170,550
906+0,00	0,000	2,560	0,000	54,780	1034,400	53259,730	-52225,330
907+0,00	0,000	1,480	0,000	40,360	1034,400	53300,100	-52265,700
908+0,00	0,000	2,540	0,000	40,160	1034,400	53340,260	-52305,860
909+0,00	0,000	2,850	0,000	53,790	1034,400	53394,050	-52359,650
910+0,00	0,000	2,920	0,000	57,610	1034,400	53451,660	-52417,260
911+0,00	0,000	2,950	0,000	58,650	1034,400	53510,310	-52475,910
912+0,00	0,000	2,460	0,000	54,060	1034,400	53564,370	-52529,970
913+0,00	0,000	1,630	0,000	40,860	1034,400	53605,220	-52570,820
914+0,00	0,000	2,490	0,000	41,200	1034,400	53646,430	-52612,030
915+0,00	0,000	2,990	0,000	54,830	1034,400	53701,260	-52666,860
916+0,00	0,000	2,770	0,000	57,610	1034,400	53758,860	-52724,460
917+0,00	0,000	2,640	0,000	54,090	1034,400	53812,950	-52778,550
918+0,00	0,000	2,570	0,000	52,300	1034,400	53865,260	-52830,860
919+0,00	0,000	2,340	0,000	49,060	1034,400	53914,320	-52879,920
920+0,00	0,000	2,420	0,000	47,580	1034,400	53961,900	-52927,500
921+0,00	0,000	3,200	0,000	56,140	1034,400	54018,040	-52983,640
922+0,00	0,000	2,470	0,000	56,700	1034,400	54074,740	-53040,340
923+0,00	0,000	2,680	0,000	51,580	1034,400	54126,320	-53091,920
924+0,00	0,000	2,220	0,000	48,970	1034,400	54175,290	-53140,890
925+0,00	0,000	2,830	0,000	50,450	1034,400	54225,740	-53191,340
926+0,00	0,000	2,670	0,000	54,920	1034,400	54280,660	-53246,260
927+0,00	0,000	2,700	0,000	53,700	1034,400	54334,350	-53299,950
928+0,00	0,000	2,730	0,000	53,930	1034,400	54388,290	-53353,890
929+0,00	0,000	2,010	0,020	47,470	1034,420	54435,760	-53401,340
930+0,00	0,040	1,610	0,430	36,240	1034,850	54472,000	-53437,150
931+0,00	0,030	1,650	0,680	32,690	1035,520	54504,690	-53469,170
932+0,00	0,080	1,290	1,050	29,860	1036,570	54534,550	-53497,980
933+0,00	0,040	1,470	1,250	27,350	1037,820	54561,900	-53524,080
934+0,00	0,030	1,800	0,740	32,240	1038,560	54594,130	-53555,570
935+0,00	0,000	2,240	0,320	40,360	1038,880	54634,490	-53595,610
936+0,00	0,000	2,720	0,010	49,540	1038,890	54684,040	-53645,150
937+0,00	0,000	3,000	0,000	57,150	1038,890	54741,190	-53702,300
938+0,00	0,000	3,230	0,000	62,010	1038,890	54803,200	-53764,310
939+0,00	0,010	2,820	0,070	60,430	1038,950	54863,640	-53824,690
940+0,00	0,060	3,030	0,660	58,450	1039,610	54922,090	-53882,480
941+0,00	0,220	2,470	2,750	55,250	1042,360	54977,340	-53934,980
942+0,00	0,230	1,930	4,450	44,470	1046,810	55021,810	-53975,000
943+0,00	0,230	1,480	4,670	34,140	1051,480	55055,950	-54004,470
944+0,00	0,000	3,220	2,250	47,630	1053,730	55103,590	-54049,860
945+0,00	0,000	3,070	0,000	62,900	1053,730	55166,480	-54112,750
946+0,00	0,000	3,060	0,010	61,080	1053,740	55227,560	-54173,820
947+0,00	0,030	2,640	0,270	56,710	1054,000	55284,270	-54230,270
948+0,00	0,000	3,160	0,250	58,040	1054,260	55342,310	-54288,050
949+0,00	0,000	3,010	0,000	61,650	1054,260	55403,960	-54349,700
950+0,00	0,000	2,550	0,000	55,380	1054,260	55459,340	-54405,080

Osvaldo Leâncio da Silva [illegible]o
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Sacid)

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	1,850	0,010	44,030	1054,260	55503,370	-54449,110
952+0,00	0,000	1,590	0,050	34,480	1054,310	55537,850	-54483,540
953+0,00	0,000	1,950	0,040	35,320	1054,360	55573,170	-54518,810
954+0,00	0,000	2,670	0,000	46,210	1054,360	55619,380	-54565,020
955+0,00	0,000	2,920	0,000	55,920	1054,360	55675,290	-54620,930
956+0,00	0,000	2,960	0,000	58,810	1054,360	55734,100	-54679,740
957+0,00	0,000	2,840	0,000	57,980	1054,360	55792,080	-54737,720
958+0,00	0,000	1,820	0,000	46,580	1054,360	55838,670	-54784,310
959+0,00	0,210	0,510	2,150	23,270	1056,510	55861,940	-54805,430
960+0,00	0,000	2,430	2,150	29,410	1058,660	55891,350	-54832,690
961+0,00	0,000	2,400	0,000	48,200	1058,660	55939,550	-54880,890
962+0,00	0,000	3,030	0,000	55,200	1058,660	55994,750	-54936,090
963+0,00	0,000	3,310	0,000	64,420	1058,660	56059,170	-55000,510
964+0,00	0,000	2,140	0,000	53,420	1058,660	56112,590	-55053,930
965+0,00	0,270	1,210	3,000	32,190	1061,660	56144,780	-55083,120
966+0,00	0,000	2,430	2,730	36,760	1064,390	56181,540	-55117,150
967+0,00	0,000	2,640	0,040	51,130	1064,430	56232,670	-55168,240
968+0,00	0,000	2,980	0,000	56,390	1064,430	56289,070	-55224,640
969+0,00	0,000	3,180	0,000	61,830	1064,430	56350,890	-55286,460
970+0,00	0,000	3,690	0,000	68,770	1064,430	56419,670	-55355,240
971+0,00	0,000	2,830	0,000	65,240	1064,430	56484,910	-55420,480
972+0,00	0,000	3,050	0,000	59,300	1064,430	56544,210	-55479,780
973+0,00	0,000	4,060	0,000	71,420	1064,430	56615,630	-55551,200
974+0,00	0,000	3,340	0,000	73,620	1064,430	56689,250	-55624,820
975+0,00	0,000	3,470	0,000	67,160	1064,430	56756,410	-55691,980
976+0,00	0,000	3,280	0,000	67,590	1064,430	56823,990	-55759,560
977+0,00	0,000	3,250	0,000	65,360	1064,430	56889,350	-55824,920
978+0,00	0,000	2,850	0,000	61,640	1064,430	56950,990	-55886,560
979+0,00	0,000	2,930	0,000	57,890	1064,430	57008,880	-55944,450
980+0,00	0,000	2,830	0,000	58,320	1064,430	57067,190	-56002,760
981+0,00	0,000	2,550	0,000	53,770	1064,430	57120,970	-56056,540
982+0,00	0,000	2,170	0,010	47,180	1064,440	57168,150	-56103,710
983+0,00	0,030	1,710	0,350	38,780	1064,790	57206,930	-56142,140
984+0,00	0,130	1,040	1,630	27,700	1066,410	57234,630	-56168,220
985+0,00	0,000	1,760	1,320	27,950	1067,730	57262,580	-56194,850
986+0,00	0,000	2,960	0,000	47,460	1067,730	57310,040	-56242,310
987+0,00	0,000	2,930	0,000	58,920	1067,730	57368,960	-56301,230
988+0,00	0,000	2,870	0,000	58,040	1067,730	57427,000	-56359,270
989+0,00	0,000	2,680	0,000	55,730	1067,730	57482,730	-56415,000
990+0,00	0,000	2,870	0,000	55,590	1067,730	57538,320	-56470,590
991+0,00	0,000	2,650	0,000	55,240	1067,730	57593,570	-56525,840
992+0,00	0,000	2,840	0,000	54,960	1067,730	57648,530	-56580,800
993+0,00	0,000	2,790	0,000	56,290	1067,730	57704,820	-56637,090
994+0,00	0,000	2,890	0,000	56,500	1067,730	57761,320	-56693,590
995+0,00	0,000	2,850	0,000	57,400	1067,730	57818,720	-56750,990
996+0,00	0,000	2,630	0,000	53,780	1067,730	57872,500	-56804,770
997+0,00	0,000	2,710	0,000	52,940	1067,730	57925,440	-56857,710
998+0,00	0,000	3,900	0,000	65,900	1067,730	57991,340	-56923,610
999+0,00	0,000	3,980	0,000	78,880	1067,730	58070,220	-57002,490
1000+0,00	0,000	3,200	0,000	71,720	1067,730	58141,940	-57074,210
1001+0,00	0,000	3,110	0,000	63,080	1067,730	58205,020	-57137,290
1002+0,00	0,000	2,930	0,000	60,460	1067,730	58265,480	-57197,750
1003+0,00	0,000	2,920	0,000	58,560	1067,730	58324,040	-57256,310
1004+0,00	0,000	2,930	0,000	58,400	1067,730	58382,440	-57314,710
1005+0,00	0,000	2,930	0,000	58,540	1067,730	58440,980	-57373,250
1006+0,00	0,000	2,330	0,000	52,600	1067,730	58493,580	-57425,850
1007+0,00	0,000	2,650	0,000	49,950	1067,730	58543,530	-57475,800
1008+0,00	0,000	2,380	0,000	50,290	1067,730	58593,820	-57526,090
1009+0,00	0,000	2,810	0,000	51,920	1067,730	58645,750	-57578,020
1010+0,00	0,000	3,230	0,000	60,380	1067,730	58706,130	-57638,400
1011+0,00	0,000	4,650	0,000	78,720	1067,730	58784,850	-57717,120
1012+0,00	0,000	4,370	0,000	90,130	1067,730	58874,980	-57807,250
1013+0,00	0,000	3,710	0,000	80,800	1067,730	58955,780	-57888,050
1014+0,00	0,000	3,580	0,000	72,900	1067,730	59028,680	-57960,950

Osvaldo Leôncio da Silv[illegible]ho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Sucid)

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	2,980	0,000	65,550	1067,730	59094,240	-58026,510
1016+0,00	0,000	3,360	0,000	64,180	1067,730	59158,420	-58090,690
1017+0,00	0,000	3,200	0,000	65,810	1067,730	59224,230	-58156,500
1018+0,00	0,000	3,300	0,000	65,250	1067,730	59289,480	-58221,750
1019+0,00	0,000	3,010	0,000	63,040	1067,730	59352,520	-58284,790
1020+0,00	0,000	2,800	0,000	57,540	1067,730	59410,060	-58342,330
1021+0,00	0,000	3,220	0,000	60,200	1067,730	59470,260	-58402,530
1022+0,00	0,000	2,660	0,000	58,790	1067,730	59529,050	-58461,320
1023+0,00	0,000	2,830	0,000	54,890	1067,730	59583,930	-58516,200
1024+0,00	0,000	2,930	0,000	57,590	1067,730	59641,530	-58573,800
1025+0,00	0,000	3,400	0,000	63,240	1067,730	59704,760	-58637,030
1026+0,00	0,000	3,290	0,000	66,700	1067,730	59771,470	-58703,740
1027+0,00	0,000	3,240	0,000	65,300	1067,730	59836,760	-58769,030
1028+0,00	0,000	3,010	0,000	62,560	1067,730	59899,320	-58831,590
1029+0,00	0,000	2,960	0,000	59,590	1067,730	59958,910	-58891,180
1030+0,00	0,000	2,880	0,000	58,330	1067,730	60017,250	-58949,520
1031+0,00	0,000	3,160	0,000	60,470	1067,730	60077,720	-59009,990
1032+0,00	0,000	3,450	0,000	66,780	1067,730	60144,500	-59076,770
1033+0,00	0,000	2,960	0,000	64,310	1067,730	60208,800	-59141,070
1034+0,00	0,000	2,480	0,000	54,590	1067,730	60263,400	-59195,670
1035+0,00	0,000	2,780	0,000	52,620	1067,730	60316,020	-59248,290
1036+0,00	0,000	2,960	0,000	57,470	1067,730	60373,480	-59305,750
1037+0,00	0,000	2,870	0,000	58,380	1067,730	60431,860	-59364,130
1038+0,00	0,000	3,230	0,000	61,150	1067,730	60493,010	-59425,280
1039+0,00	0,000	3,540	0,000	67,730	1067,730	60560,740	-59493,010
1040+0,00	0,000	2,380	0,000	58,180	1067,730	60618,920	-59551,190
1041+0,00	0,000	3,690	0,000	60,150	1067,730	60679,070	-59611,340
1042+0,00	0,000	2,400	0,000	60,900	1067,730	60739,970	-59672,240
1043+0,00	0,000	2,910	0,000	53,050	1067,730	60793,020	-59725,290
1044+0,00	0,000	2,850	0,000	57,540	1067,730	60850,560	-59782,830
1045+0,00	0,000	3,030	0,000	58,840	1067,730	60909,400	-59841,670
1046+0,00	0,000	3,090	0,000	61,330	1067,730	60970,730	-59903,000
1047+0,00	0,000	3,180	0,000	62,680	1067,730	61033,410	-59965,680
1048+0,00	0,000	2,960	0,000	61,390	1067,730	61094,790	-60027,060
1049+0,00	0,000	2,360	0,000	53,200	1067,730	61147,990	-60080,260
1050+0,00	0,000	2,990	0,000	53,460	1067,730	61201,450	-60133,720
1051+0,00	0,000	3,030	0,000	60,310	1067,730	61261,760	-60194,030
1052+0,00	0,000	2,480	0,000	55,230	1067,730	61316,990	-60249,260
1053+0,00	0,000	1,970	0,000	44,510	1067,730	61361,500	-60293,770
1054+0,00	0,000	2,550	0,000	45,260	1067,730	61406,760	-60339,030
1055+0,00	0,000	2,790	0,000	53,370	1067,730	61460,130	-60392,400
1056+0,00	0,200	0,740	2,040	35,270	1069,780	61495,400	-60425,620
1057+0,00	0,000	2,000	2,040	27,380	1071,820	61522,790	-60450,970
1058+0,00	0,000	2,450	0,000	44,470	1071,820	61567,260	-60495,440
1059+0,00	0,000	2,860	0,000	53,440	1071,820	61620,690	-60548,870
1060+0,00	0,000	3,080	0,000	59,410	1071,820	61680,100	-60608,280
1061+0,00	0,000	3,280	0,000	63,150	1071,820	61743,250	-60671,430
1062+0,00	0,000	3,020	0,000	62,920	1071,820	61806,170	-60734,350
1063+0,00	0,000	3,200	0,000	62,350	1071,820	61868,520	-60796,700
1064+0,00	0,000	3,000	0,000	61,980	1071,820	61930,500	-60858,680
1065+0,00	0,000	2,840	0,010	58,360	1071,830	61988,870	-60917,040
1066+0,00	0,030	2,090	0,360	49,330	1072,190	62038,200	-60966,010
1067+0,00	0,080	1,610	1,100	37,090	1073,290	62075,290	-61002,000
1068+0,00	0,000	3,160	0,740	47,990	1074,040	62123,270	-61049,230
1069+0,00	0,000	3,210	0,000	64,210	1074,040	62187,480	-61113,440
1070+0,00	0,000	2,860	0,000	60,900	1074,040	62248,380	-61174,340
1071+0,00	0,000	2,540	0,000	54,010	1074,040	62302,390	-61228,350
1072+0,00	0,000	1,650	0,000	42,080	1074,040	62344,470	-61270,430
1073+0,00	0,000	1,530	0,000	31,780	1074,040	62376,250	-61302,210
1074+0,00	0,000	2,050	0,000	35,760	1074,040	62412,020	-61337,980
1075+0,00	0,000	2,470	0,000	45,450	1074,040	62457,460	-61383,420
1076+0,00	0,000	2,720	0,000	51,960	1074,040	62509,430	-61435,390
1077+0,00	0,000	2,720	0,000	54,460	1074,040	62563,880	-61489,840
1078+0,00	0,000	3,250	0,000	59,700	1074,040	62623,580	-61549,540

Osvaldo Leôncio da Silv[illegible]o
Diretor da Unidade de Proje[illegible]s
Projetos e Obras - DUP[illegible]
Secretaria das Cidades (S[illegible]d)

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	2,770	0,000	60,220	1074,040	62683,800	-61609,760
1080+0,00	0,000	2,910	0,000	56,790	1074,040	62740,580	-61666,540
1081+0,00	0,000	2,810	0,000	57,210	1074,040	62797,790	-61723,750
1082+0,00	0,000	3,060	0,000	58,750	1074,040	62856,550	-61782,510
1083+0,00	0,000	2,990	0,000	60,500	1074,040	62917,050	-61843,010
1084+0,00	0,000	3,360	0,000	63,460	1074,040	62980,510	-61906,470
1085+0,00	0,000	3,560	0,000	69,200	1074,040	63049,710	-61975,670
1086+0,00	0,000	3,100	0,000	66,750	1074,040	63116,460	-62042,420
1087+0,00	0,000	3,240	0,000	63,610	1074,040	63180,080	-62106,040
1088+0,00	0,000	3,810	0,000	70,970	1074,040	63251,050	-62177,010
1089+0,00	0,000	3,370	0,000	71,820	1074,040	63322,860	-62248,820
1090+0,00	0,000	3,040	0,000	63,970	1074,040	63386,830	-62312,790
1091+0,00	0,000	3,170	0,000	61,800	1074,040	63448,640	-62374,600
1092+0,00	0,000	3,690	0,000	68,440	1074,040	63517,080	-62443,040
1093+0,00	0,000	3,850	0,000	75,400	1074,040	63592,480	-62518,440
1094+0,00	0,000	3,850	0,000	76,970	1074,040	63669,460	-62595,420
1095+0,00	0,000	3,270	0,000	71,120	1074,040	63740,570	-62666,530
1096+0,00	0,000	3,410	0,000	66,780	1074,040	63807,350	-62733,310
1097+0,00	0,000	3,300	0,000	67,030	1074,040	63874,380	-62800,340
1098+0,00	0,000	3,090	0,000	63,900	1074,040	63938,280	-62864,240
1099+0,00	0,000	3,430	0,000	65,230	1074,040	64003,510	-62929,470
1100+0,00	0,000	4,020	0,000	74,530	1074,040	64078,040	-63004,000
1101+0,00	0,000	3,520	0,000	75,440	1074,040	64153,480	-63079,440
1102+0,00	0,000	2,940	0,000	64,640	1074,040	64218,110	-63144,070
1103+0,00	0,000	2,880	0,000	58,210	1074,040	64276,320	-63202,280
1104+0,00	0,000	2,890	0,000	57,640	1074,040	64333,970	-63259,930
1105+0,00	0,000	2,940	0,000	58,170	1074,040	64392,140	-63318,100
1106+0,00	0,000	3,160	0,000	60,900	1074,040	64453,040	-63379,000
1107+0,00	0,000	3,510	0,000	66,420	1074,040	64519,470	-63445,430
1108+0,00	0,000	3,120	0,000	66,240	1074,040	64585,700	-63511,660
1109+0,00	0,000	2,650	0,000	57,710	1074,040	64643,410	-63569,370
1110+0,00	0,000	2,370	0,000	50,160	1074,040	64693,580	-63619,540
1111+0,00	0,000	1,580	0,000	39,560	1074,040	64733,140	-63659,100
1112+0,00	0,000	2,320	0,000	38,960	1074,040	64772,090	-63698,050
1113+0,00	0,000	3,060	0,000	53,730	1074,040	64825,830	-63751,790
1114+0,00	0,000	4,070	0,000	71,340	1074,040	64897,170	-63823,130
1115+0,00	0,000	4,790	0,000	88,660	1074,040	64985,830	-63911,790
1116+0,00	0,000	5,310	0,000	101,010	1074,040	65086,830	-64012,790
1117+0,00	0,000	3,290	0,000	85,960	1074,040	65172,790	-64098,750
1118+0,00	0,000	3,280	0,000	65,710	1074,040	65238,500	-64164,460
1119+0,00	0,000	2,650	0,000	59,350	1074,040	65297,850	-64223,810
1120+0,00	0,000	2,470	0,000	51,200	1074,040	65349,050	-64275,010
1121+0,00	0,000	4,490	0,000	69,570	1074,040	65418,620	-64344,580
1122+0,00	0,000	3,890	0,000	83,830	1074,040	65502,450	-64428,410
1123+0,00	0,000	3,220	0,000	71,210	1074,040	65573,660	-64499,620
1124+0,00	0,000	2,920	0,000	61,380	1074,040	65635,040	-64561,000
1125+0,00	0,000	2,960	0,000	58,780	1074,040	65693,820	-64619,780
1126+0,00	0,000	3,770	0,000	67,300	1074,040	65761,120	-64687,080
1127+0,00	0,000	4,620	0,000	83,880	1074,040	65845,000	-64770,960
1128+0,00	0,000	2,920	0,000	75,270	1074,040	65920,270	-64846,230
1129+0,00	0,000	2,850	0,000	57,380	1074,040	65977,650	-64903,610
1130+0,00	0,000	2,820	0,000	56,590	1074,040	66034,240	-64960,200
1131+0,00	0,000	2,910	0,000	57,180	1074,040	66091,430	-65017,390
1132+0,00	0,000	2,890	0,000	57,810	1074,040	66149,240	-65075,200
1133+0,00	0,000	1,540	0,010	44,240	1074,040	66193,480	-65119,440
1134+0,00	0,010	1,560	0,120	30,980	1074,160	66224,460	-65150,300
1135+0,00	0,000	1,940	0,110	35,000	1074,270	66259,460	-65185,190
1136+0,00	0,000	2,360	0,000	43,210	1074,270	66302,660	-65228,390
1137+0,00	0,040	0,980	0,430	33,350	1074,700	66336,010	-65261,310
1138+0,00	0,000	1,690	0,430	26,620	1075,130	66362,630	-65287,500
1139+0,00	0,000	2,700	0,000	43,740	1075,130	66406,370	-65331,240
1140+0,00	0,000	2,670	0,000	53,730	1075,130	66460,100	-65384,970
1141+0,00	0,000	2,780	0,000	54,510	1075,130	66514,610	-65439,480
1142+0,00	0,000	2,300	0,000	50,780	1075,130	66565,390	-65490,260

Osvaldo Leôncio da Silva
Diretor da Unidade de Projetos
Projetos e Obras
Secretaria das 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	2,670	0,000	49,500	1075,130	66614,890	-65539,760
1144+0,00	0,000	2,670	0,000	53,030	1075,130	66667,920	-65592,790
1145+0,00	0,000	2,770	0,000	54,490	1075,130	66722,420	-65647,290
1146+0,00	0,000	2,940	0,000	57,090	1075,130	66779,510	-65704,380
1147+0,00	0,000	2,930	0,000	58,740	1075,130	66838,250	-65763,120
1148+0,00	0,000	2,880	0,000	58,080	1075,130	66896,330	-65821,200
1149+0,00	0,000	3,460	0,000	63,420	1075,130	66959,740	-65884,610
1150+0,00	0,000	3,640	0,000	71,040	1075,130	67030,790	-65955,660
1151+0,00	0,000	3,260	0,000	68,800	1075,130	67099,590	-66024,460
1152+0,00	0,000	2,740	0,000	59,800	1075,130	67159,390	-66084,260
1153+0,00	0,000	2,930	0,000	55,610	1075,130	67215,000	-66139,870
1154+0,00	0,000	3,010	0,000	59,280	1075,130	67274,280	-66199,150
1155+0,00	0,000	3,160	0,000	61,610	1075,130	67335,880	-66260,750
1156+0,00	0,000	2,840	0,000	59,980	1075,130	67395,860	-66320,730
1157+0,00	0,000	2,390	0,000	52,490	1075,130	67448,360	-66373,230
1158+0,00	0,000	2,720	0,000	51,190	1075,130	67499,550	-66424,420
1159+0,00	0,000	2,990	0,000	57,540	1075,130	67557,090	-66481,960
1160+0,00	0,000	3,050	0,000	60,640	1075,130	67617,730	-66542,600
1161+0,00	0,000	3,110	0,000	61,880	1075,130	67679,610	-66604,480
1162+0,00	0,000	3,290	0,000	64,050	1075,130	67743,660	-66668,530
1163+0,00	0,000	3,630	0,000	69,420	1075,130	67813,080	-66737,950
1164+0,00	0,000	3,170	0,000	68,010	1075,130	67881,090	-66805,960
1165+0,00	0,000	3,230	0,000	64,030	1075,130	67945,120	-66869,990
1166+0,00	0,000	3,060	0,000	63,080	1075,130	68008,200	-66933,070
1167+0,00	0,000	2,360	0,000	54,210	1075,130	68062,410	-66987,280
1168+0,00	0,000	1,090	0,000	34,490	1075,130	68096,900	-67021,770
1169+0,00	0,000	1,970	0,000	30,600	1075,130	68127,500	-67052,370
1170+0,00	0,000	2,580	0,000	45,440	1075,130	68172,940	-67097,810
1171+0,00	0,000	2,980	0,000	55,540	1075,130	68228,480	-67153,350
1172+0,00	0,000	3,810	0,000	67,840	1075,130	68296,320	-67221,190
1173+0,00	0,000	4,280	0,000	80,870	1075,130	68377,190	-67302,060
1174+0,00	0,000	3,030	0,000	73,070	1075,130	68450,260	-67375,130
1175+0,00	0,000	3,020	0,000	60,470	1075,130	68510,730	-67435,600
1176+0,00	0,000	3,030	0,000	60,550	1075,130	68571,280	-67496,150
1177+0,00	0,000	2,970	0,000	60,110	1075,130	68631,400	-67556,270
1178+0,00	0,000	3,060	0,000	60,370	1075,130	68691,770	-67616,640
1179+0,00	0,000	3,200	0,000	62,630	1075,130	68754,400	-67679,270
1180+0,00	0,000	3,110	0,000	62,850	1075,130	68817,260	-67742,130
1181+0,00	0,000	3,080	0,000	61,640	1075,130	68878,890	-67803,760
1182+0,00	0,000	3,000	0,000	60,410	1075,130	68939,310	-67864,180
1183+0,00	0,000	3,490	0,000	64,560	1075,130	69003,870	-67928,740
1184+0,00	0,000	3,200	0,000	66,990	1075,130	69070,860	-67995,730
1185+0,00	0,000	3,430	0,000	66,280	1075,130	69137,140	-68062,010
1186+0,00	0,000	2,890	0,000	63,180	1075,130	69200,320	-68125,190
1187+0,00	0,000	2,880	0,000	57,740	1075,130	69258,060	-68182,930
1188+0,00	0,000	2,920	0,000	58,040	1075,130	69316,100	-68240,970
1189+0,00	0,000	2,970	0,000	58,930	1075,130	69375,030	-68299,900
1190+0,00	0,000	2,930	0,000	58,310	1075,130	69433,340	-68358,210
1191+0,00	0,000	2,850	0,000	57,150	1075,130	69490,490	-68415,360
1192+0,00	0,000	2,260	0,000	51,070	1075,130	69541,560	-68466,430
1193+0,00	0,000	2,800	0,000	50,600	1075,130	69592,160	-68517,030
1194+0,00	0,000	2,320	0,000	51,240	1075,130	69643,390	-68568,260
1195+0,00	0,000	2,820	0,000	51,450	1075,130	69694,840	-68619,710
1196+0,00	0,000	2,820	0,000	56,540	1075,130	69751,380	-68676,250
1197+0,00	0,000	2,020	0,000	48,420	1075,130	69799,800	-68724,670
1198+0,00	0,000	2,700	0,000	47,170	1075,130	69846,980	-68771,850
1199+0,00	0,000	2,840	0,000	55,480	1075,130	69902,460	-68827,330
1200+0,00	0,000	2,780	0,000	56,290	1075,130	69958,750	-68883,620
1201+0,00	0,000	2,710	0,000	55,220	1075,130	70013,970	-68938,840
1202+0,00	0,000	2,960	0,000	56,920	1075,130	70070,890	-68995,760
1203+0,00	0,000	2,470	0,000	54,240	1075,130	70125,130	-69050,000
1204+0,00	0,000	3,030	0,000	54,980	1075,130	70180,110	-69104,980
1205+0,00	0,000	3,040	0,000	60,660	1075,130	70240,760	-69165,630
1206+0,00	0,000	2,980	0,000	60,120	1075,130	70300,890	-69225,760

Osvaldo Leôncio da Si[illegible]lho
Diretor da Unidade de Pr[illegible]nas
Projetos e Obras - EDUR-PO
Secretaria das Cidades (Sscidades)

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	3,280	0,000	62,610	1075,130	70363,500	-69288,370
1208+0,00	0,000	5,050	0,000	83,300	1075,130	70446,810	-69371,680
1209+0,00	0,000	3,450	0,000	85,060	1075,130	70531,860	-69456,730
1210+0,00	0,000	2,890	0,000	63,330	1075,130	70595,190	-69520,060
1211+0,00	0,000	1,070	0,000	39,440	1075,130	70634,630	-69559,500
1212+0,00	0,000	1,160	0,000	22,250	1075,130	70656,880	-69581,750
1213+0,00	0,000	1,630	0,000	27,940	1075,130	70684,830	-69609,700
1214+0,00	0,000	3,200	0,000	48,350	1075,130	70733,180	-69658,050
1215+0,00	0,000	3,150	0,000	63,520	1075,130	70796,700	-69721,570
1216+0,00	0,000	3,170	0,000	63,180	1075,130	70859,880	-69784,750
1217+0,00	0,000	1,430	0,000	46,050	1075,130	70905,930	-69830,800
1218+0,00	0,000	2,690	0,000	41,390	1075,130	70947,320	-69872,190
1219+0,00	0,000	2,840	0,000	55,480	1075,130	71002,800	-69927,670
1220+0,00	0,000	2,900	0,000	57,830	1075,130	71060,630	-69985,500
1221+0,00	0,000	3,200	0,000	60,950	1075,130	71121,580	-70046,450
1222+0,00	0,000	2,900	0,000	60,980	1075,130	71182,560	-70107,430
1223+0,00	0,000	3,230	0,000	61,460	1075,130	71244,030	-70168,900
1224+0,00	0,000	2,920	0,000	61,510	1075,130	71305,530	-70230,400
1225+0,00	0,000	2,810	0,000	56,100	1075,130	71361,640	-70286,510
1226+0,00	0,000	3,300	0,000	60,690	1075,130	71422,330	-70347,200
1227+0,00	0,000	3,240	0,000	65,350	1075,130	71487,670	-70412,540
1228+0,00	0,000	3,140	0,000	63,860	1075,130	71551,530	-70476,400
1229+0,00	0,000	3,200	0,000	63,370	1075,130	71614,900	-70539,770
1230+0,00	0,000	3,170	0,000	63,690	1075,130	71678,600	-70603,470
1231+0,00	0,000	3,170	0,000	63,440	1075,130	71742,030	-70666,900
1232+0,00	0,000	2,890	0,000	60,700	1075,130	71802,730	-70727,600
1233+0,00	0,000	2,960	0,000	58,670	1075,130	71861,410	-70786,280
1234+0,00	0,000	2,950	0,000	59,120	1075,130	71920,530	-70845,400
1235+0,00	0,000	2,680	0,000	56,340	1075,130	71976,870	-70901,740
1236+0,00	0,000	2,740	0,000	54,240	1075,130	72031,110	-70955,980
1237+0,00	0,000	2,730	0,000	54,730	1075,130	72085,830	-71010,700
1238+0,00	0,000	2,590	0,000	53,260	1075,130	72139,090	-71063,960
1239+0,00	0,000	2,870	0,000	54,910	1075,130	72194,000	-71118,870
1240+0,00	0,000	3,030	0,000	59,290	1075,130	72253,300	-71178,170
1241+0,00	0,000	3,170	0,000	62,020	1075,130	72315,320	-71240,190
1242+0,00	0,000	3,270	0,000	64,370	1075,130	72379,680	-71304,550
1243+0,00	0,000	3,430	0,000	67,010	1075,130	72446,700	-71371,570
1244+0,00	0,000	3,070	0,000	65,180	1075,130	72511,880	-71436,750
1245+0,00	0,000	2,990	0,000	60,760	1075,130	72572,640	-71497,510
1246+0,00	0,000	3,070	0,000	60,670	1075,130	72633,310	-71558,180
1247+0,00	0,000	3,070	0,000	61,400	1075,130	72694,700	-71619,570
1248+0,00	0,000	3,200	0,000	62,620	1075,130	72757,330	-71682,200
1249+0,00	0,000	3,120	0,000	63,140	1075,130	72820,470	-71745,340
1250+0,00	0,000	3,100	0,000	62,290	1075,130	72882,750	-71807,620
1251+0,00	0,000	2,940	0,000	59,840	1075,130	72942,600	-71867,470
1252+0,00	0,000	3,000	0,000	59,260	1075,130	73001,850	-71926,720
1253+0,00	0,000	3,810	0,000	68,460	1075,130	73070,310	-71995,180
1254+0,00	0,000	3,220	0,000	70,800	1075,130	73141,110	-72065,980
1255+0,00	0,000	3,770	0,000	70,290	1075,130	73211,400	-72136,270
1256+0,00	0,000	3,090	0,000	68,960	1075,130	73280,360	-72205,230
1257+0,00	0,000	2,850	0,000	59,620	1075,130	73339,980	-72264,850
1258+0,00	0,000	2,700	0,000	55,550	1075,130	73395,530	-72320,400
1259+0,00	0,000	2,360	0,000	50,760	1075,130	73446,290	-72371,160
1260+0,00	0,000	2,340	0,000	47,010	1075,130	73493,310	-72418,180
1261+0,00	0,000	2,150	0,000	44,660	1075,130	73537,960	-72462,830
1262+0,00	0,000	2,100	0,000	42,210	1075,130	73580,170	-72505,040
1263+0,00	0,000	2,630	0,000	47,330	1075,130	73627,500	-72552,370
1264+0,00	0,000	2,400	0,000	50,320	1075,130	73677,820	-72602,690
1265+0,00	0,000	3,600	0,000	60,000	1075,130	73737,820	-72662,690
1266+0,00	0,000	2,870	0,000	64,750	1075,130	73802,570	-72727,440
1267+0,00	0,000	2,850	0,000	57,560	1075,130	73860,130	-72785,000
1268+0,00	0,000	1,910	0,000	47,580	1075,130	73907,710	-72832,580
1269+0,00	0,000	2,330	0,000	42,060	1075,130	73949,770	-72874,640
1270+0,00	0,000	2,830	0,000	51,620	1075,130	74001,400	-72926,270

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Sacid)

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	3,430	0,000	62,650	1075,130	74064,050	-72988,920
1272+0,00	0,000	4,750	0,000	81,790	1075,130	74145,840	-73070,710
1273+0,00	0,000	5,040	0,000	97,890	1075,130	74243,730	-73168,600
1274+0,00	0,000	4,070	0,000	91,120	1075,130	74334,850	-73259,720
1275+0,00	0,000	2,860	0,000	69,300	1075,130	74404,150	-73329,020
1276+0,00	0,000	2,890	0,000	57,420	1075,130	74461,570	-73386,440
1277+0,00	0,000	2,840	0,000	57,250	1075,130	74518,810	-73443,680
1278+0,00	0,000	2,820	0,000	56,590	1075,130	74575,400	-73500,270
1279+0,00	0,000	3,000	0,000	58,170	1075,130	74633,580	-73558,450
1280+0,00	0,000	2,940	0,000	59,400	1075,130	74692,980	-73617,850
1281+0,00	0,000	2,910	0,000	58,500	1075,130	74751,480	-73676,350
1282+0,00	0,000	2,500	0,000	54,040	1075,130	74805,520	-73730,390
1283+0,00	0,000	2,630	0,000	51,300	1075,130	74856,820	-73781,690
1284+0,00	0,000	2,970	0,000	56,040	1075,130	74912,860	-73837,730
1285+0,00	0,000	3,170	0,000	61,320	1075,130	74974,180	-73899,050
1286+0,00	0,000	3,020	0,000	61,940	1075,130	75036,120	-73960,990
1287+0,00	0,000	3,020	0,000	60,570	1075,130	75096,690	-74021,560
1288+0,00	0,000	3,070	0,000	60,910	1075,130	75157,600	-74082,470
1289+0,00	0,000	3,010	0,000	60,760	1075,130	75218,360	-74143,230
1290+0,00	0,000	2,240	0,000	52,400	1075,130	75270,760	-74195,630
1291+0,00	0,000	2,190	0,000	44,350	1075,130	75315,110	-74239,980
1292+0,00	0,000	3,050	0,000	52,450	1075,130	75367,560	-74292,430
1293+0,00	0,000	3,030	0,000	60,820	1075,130	75428,380	-74353,250
1294+0,00	0,000	3,010	0,000	60,350	1075,130	75488,730	-74413,600
1295+0,00	0,000	3,280	0,000	62,810	1075,130	75551,540	-74476,410
1296+0,00	0,000	3,230	0,000	65,250	1075,130	75616,790	-74541,660
1297+0,00	0,000	3,200	0,000	64,300	1075,130	75681,090	-74605,960
1298+0,00	0,000	4,170	0,000	73,740	1075,130	75754,830	-74679,700
1299+0,00	0,000	3,030	0,000	71,980	1075,130	75826,810	-74751,680
1300+0,00	0,000	2,900	0,000	59,460	1075,130	75886,270	-74811,140
1301+0,00	0,000	3,390	0,000	63,040	1075,130	75949,310	-74874,180
1302+0,00	0,000	3,120	0,000	65,300	1075,130	76014,610	-74939,480
1303+0,00	0,000	3,050	0,000	62,330	1075,130	76076,950	-75001,820
1304+0,00	0,000	3,300	0,000	63,710	1075,130	76140,650	-75065,520
1305+0,00	0,000	3,080	0,000	63,800	1075,130	76204,450	-75129,320
1306+0,00	0,000	3,040	0,000	61,070	1075,130	76265,520	-75190,390
1307+0,00	0,060	1,450	0,600	44,800	1075,730	76310,320	-75234,590
1308+0,00	0,000	2,270	0,600	37,220	1076,340	76347,540	-75271,200
1309+0,00	0,000	3,010	0,010	52,820	1076,340	76400,360	-75324,020
1310+0,00	0,000	3,020	0,000	60,350	1076,340	76460,700	-75384,360
1311+0,00	0,000	2,980	0,000	60,080	1076,340	76520,780	-75444,440
1312+0,00	0,000	2,860	0,000	58,580	1076,340	76579,360	-75503,020
1313+0,00	0,000	2,860	0,000	57,190	1076,340	76636,550	-75560,210
1314+0,00	0,000	2,940	0,000	57,950	1076,340	76694,500	-75618,160
1315+0,00	0,000	2,950	0,000	58,890	1076,340	76753,390	-75677,050
1316+0,00	0,000	2,950	0,000	59,030	1076,340	76812,410	-75736,070
1317+0,00	0,000	2,470	0,000	54,250	1076,340	76866,660	-75790,320
1318+0,00	0,000	2,500	0,000	49,670	1076,340	76916,340	-75840,000
1319+0,00	0,000	3,500	0,000	59,930	1076,340	76976,270	-75899,930
1320+0,00	0,000	3,230	0,000	67,270	1076,340	77043,540	-75967,200
1321+0,00	0,000	3,210	0,000	64,400	1076,340	77107,930	-76031,590
1322+0,00	0,000	2,890	0,000	60,980	1076,340	77168,910	-76092,570
1323+0,00	0,000	2,750	0,000	56,440	1076,340	77225,350	-76149,010
1324+0,00	0,000	2,730	0,000	54,810	1076,340	77280,170	-76203,830
1325+0,00	0,000	3,450	0,000	61,750	1076,340	77341,920	-76265,580
1326+0,00	0,000	3,930	0,000	73,730	1076,340	77415,650	-76339,310
1327+0,00	0,000	2,940	0,000	68,700	1076,340	77484,360	-76408,020
1328+0,00	0,000	2,670	0,000	56,130	1076,340	77540,490	-76464,150
1329+0,00	0,000	2,590	0,000	52,660	1076,340	77593,150	-76516,810
1330+0,00	0,000	2,790	0,000	53,770	1076,340	77646,920	-76570,580
1331+0,00	0,000	1,900	0,000	46,940	1076,340	77693,860	-76617,520
1332+0,00	0,000	1,620	0,000	35,240	1076,340	77729,100	-76652,760
1333+0,00	0,000	2,570	0,000	41,890	1076,340	77770,990	-76694,650
1334+0,00	0,000	2,900	0,000	54,660	1076,340	77825,650	-76749,310

Osvaldo Leôncio da Silva
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
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)
1335+0,00	0,000	3,400	0,000	62,950	1076,340	77888,610	-76812,270
1336+0,00	0,000	2,870	0,000	62,700	1076,340	77951,310	-76874,970
1337+0,00	0,000	2,910	0,000	57,940	1076,340	78009,250	-76932,910
1338+0,00	0,000	2,940	0,000	58,600	1076,340	78067,850	-76991,510
1339+0,00	0,000	2,910	0,000	58,530	1076,340	78126,370	-77050,030
1340+0,00	0,000	2,740	0,000	56,590	1076,340	78182,970	-77106,630
1341+0,00	0,000	3,000	0,000	57,450	1076,340	78240,410	-77164,070
1342+0,00	0,000	2,970	0,000	59,600	1076,340	78300,010	-77223,670
1343+0,00	0,000	2,940	0,000	59,070	1076,340	78359,090	-77282,750
1344+0,00	0,000	2,950	0,000	58,960	1076,340	78418,040	-77341,700
1345+0,00	0,000	2,930	0,000	58,790	1076,340	78476,830	-77400,490
1346+0,00	0,000	2,780	0,000	57,150	1076,340	78533,990	-77457,650
1347+0,00	0,000	2,780	0,000	55,650	1076,340	78589,640	-77513,300
1348+0,00	0,000	2,570	0,000	53,500	1076,340	78643,150	-77566,810
1349+0,00	0,000	3,310	0,000	58,880	1076,340	78702,030	-77625,690
1350+0,00	0,000	3,570	0,000	68,870	1076,340	78770,900	-77694,560
1351+0,00	0,000	3,900	0,000	74,600	1076,340	78845,500	-77769,160
1352+0,00	0,000	2,920	0,000	68,200	1076,340	78913,700	-77837,360
1353+0,00	0,000	3,130	0,000	60,480	1076,340	78974,180	-77897,840
1354+0,00	0,000	3,080	0,000	62,120	1076,340	79036,300	-77959,960
1355+0,00	0,000	2,920	0,000	60,060	1076,340	79096,350	-78020,010
1356+0,00	0,000	3,090	0,000	60,020	1076,340	79156,370	-78080,030
1357+0,00	0,000	3,070	0,000	61,200	1076,340	79217,570	-78141,230
1358+0,00	0,000	3,360	0,000	64,280	1076,340	79281,850	-78205,510
1359+0,00	0,000	2,960	0,000	62,590	1076,340	79344,440	-78268,100
1360+0,00	0,000	2,090	0,000	50,620	1076,340	79395,060	-78318,720
1361+0,00	0,000	3,260	0,000	53,590	1076,340	79448,650	-78372,310
1362+0,00	0,000	3,040	0,000	62,900	1076,340	79511,550	-78435,210
1363+0,00	0,000	3,030	0,000	60,650	1076,340	79572,210	-78495,870
1364+0,00	0,000	3,270	0,000	62,970	1076,340	79635,180	-78558,840
1365+0,00	0,000	2,860	0,000	61,240	1076,340	79696,420	-78620,080
1366+0,00	0,000	2,710	0,000	55,660	1076,340	79752,080	-78675,740
1367+0,00	0,000	3,000	0,000	57,070	1076,340	79809,150	-78732,810
1368+0,00	0,000	4,980	0,000	79,770	1076,340	79888,920	-78812,580
1369+0,00	0,000	3,740	0,000	87,160	1076,340	79976,090	-78899,750
1370+0,00	0,000	2,930	0,000	66,670	1076,340	80042,750	-78966,410
1371+0,00	0,000	2,750	0,000	56,800	1076,340	80099,560	-79023,220
1372+0,00	0,000	2,620	0,000	53,670	1076,340	80153,220	-79076,880
1373+0,00	0,000	2,820	0,000	54,350	1076,340	80207,580	-79131,240
1374+0,00	0,000	3,020	0,000	58,400	1076,340	80265,980	-79189,640
1375+0,00	0,000	2,710	0,000	57,340	1076,340	80323,320	-79246,980
1376+0,00	0,000	1,910	0,000	46,200	1076,340	80369,520	-79293,180
1377+0,00	0,000	1,730	0,000	36,480	1076,340	80405,990	-79329,650
1378+0,00	0,000	1,760	0,000	35,040	1076,340	80441,030	-79364,690
1379+0,00	0,000	2,620	0,000	43,830	1076,340	80484,860	-79408,520
1380+0,00	0,000	2,860	0,000	54,750	1076,340	80539,610	-79463,270
1381+0,00	0,000	1,450	0,000	43,030	1076,340	80582,640	-79506,300
1382+0,00	0,000	2,290	0,000	37,340	1076,340	80619,970	-79543,630
1383+0,00	0,000	2,950	0,000	52,280	1076,340	80672,250	-79595,910
1384+0,00	0,000	2,970	0,000	59,210	1076,340	80731,460	-79655,120
1385+0,00	0,000	3,130	0,000	61,050	1076,340	80792,510	-79716,170
1386+0,00	0,000	4,390	0,000	75,290	1076,340	80867,800	-79791,460
1387+0,00	0,000	3,280	0,000	76,820	1076,340	80944,630	-79868,290
1388+0,00	0,000	2,420	0,000	56,990	1076,340	81001,620	-79925,280
1389+0,00	0,000	2,190	0,000	46,040	1076,340	81047,660	-79971,320
1390+0,00	0,000	2,920	0,000	51,120	1076,340	81098,770	-80022,430
1391+0,00	0,000	2,990	0,000	59,150	1076,340	81157,930	-80081,590
1392+0,00	0,000	2,730	0,000	57,140	1076,340	81215,070	-80138,730
1393+0,00	0,000	2,690	0,000	54,060	1076,340	81269,130	-80192,790
1394+0,00	0,000	3,640	0,000	63,500	1076,340	81332,630	-80256,290
1395+0,00	0,000	2,910	0,000	65,510	1076,340	81398,130	-80321,790
1396+0,00	0,000	2,950	0,000	58,600	1076,340	81456,730	-80380,390
1397+0,00	0,000	3,370	0,000	63,320	1076,340	81520,050	-80443,710
1398+0,00	0,000	3,430	0,000	68,060	1076,340	81588,110	-80511,770

Osvaldo Leôncio da Silv[illegible]bo
Diretor da Unidade de Prog[illegible]as
Projetos e Obras - DUPO
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)
1399+0,00	0,000	2,960	0,000	63,980	1076,340	81652,090	-80575,750
1400+0,00	0,000	2,900	0,000	58,640	1076,340	81710,720	-80634,380
1401+0,00	0,000	3,060	0,000	59,570	1076,340	81770,290	-80693,950
1402+0,00	0,000	3,590	0,000	66,510	1076,340	81836,800	-80760,460
1403+0,00	0,000	3,160	0,000	67,570	1076,340	81904,370	-80828,030
1404+0,00	0,000	2,850	0,000	60,090	1076,340	81964,460	-80888,120
1405+0,00	0,000	2,340	0,000	51,850	1076,340	82016,310	-80939,970
1406+0,00	0,000	2,310	0,000	46,570	1076,340	82062,880	-80986,540
1407+0,00	0,000	2,210	0,000	45,230	1076,340	82108,110	-81031,770
1408+0,00	0,000	2,770	0,000	50,000	1076,340	82158,110	-81081,770
1409+0,00	0,000	2,840	0,000	56,180	1076,340	82214,300	-81137,960
1410+0,00	0,000	2,780	0,000	55,960	1076,340	82270,250	-81193,910
1411+0,00	0,000	2,550	0,000	53,320	1076,340	82323,570	-81247,230
1412+0,00	0,000	2,800	0,000	53,570	1076,340	82377,150	-81300,810
1413+0,00	0,000	2,880	0,000	56,730	1076,340	82433,880	-81357,540
1414+0,00	0,000	2,940	0,000	58,150	1076,340	82492,030	-81415,690
1415+0,00	0,000	2,990	0,000	59,270	1076,340	82551,290	-81474,950
1416+0,00	0,000	3,010	0,000	59,930	1076,340	82611,230	-81534,890
1417+0,00	0,000	2,860	0,000	58,690	1076,340	82669,920	-81593,580
1418+0,00	0,000	2,580	0,000	54,410	1076,340	82724,330	-81647,990
1419+0,00	0,000	1,790	0,000	43,720	1076,340	82768,050	-81691,710
1420+0,00	0,000	1,550	0,000	33,220	1076,340	82801,280	-81724,940
1421+0,00	0,000	2,330	0,000	38,800	1076,340	82840,080	-81763,740
1422+0,00	0,000	2,970	0,000	53,110	1076,340	82893,190	-81816,850
1423+0,00	0,000	2,950	0,000	58,910	1076,340	82952,100	-81875,760
1424+0,00	0,000	3,030	0,000	59,670	1076,340	83011,770	-81935,430
1425+0,00	0,000	2,870	0,000	58,940	1076,340	83070,720	-81994,380
1426+0,00	0,000	2,800	0,000	56,670	1076,340	83127,390	-82051,050
1427+0,00	0,000	3,200	0,000	59,990	1076,340	83187,380	-82111,040
1428+0,00	0,000	3,010	0,000	62,180	1076,340	83249,550	-82173,210
1429+0,00	0,000	3,010	0,000	60,160	1076,340	83309,720	-82233,380
1430+0,00	0,000	2,950	0,000	59,590	1076,340	83369,310	-82292,970
1431+0,00	0,000	2,370	0,000	53,250	1076,340	83422,550	-82346,210
1432+0,00	0,020	1,550	0,160	39,220	1076,510	83461,770	-82385,260
1433+0,00	0,000	2,140	0,160	36,870	1076,670	83498,640	-82421,970
1434+0,00	0,000	2,820	0,000	49,630	1076,670	83548,270	-82471,600
1435+0,00	0,000	3,660	0,000	64,860	1076,670	83613,130	-82536,460
1436+0,00	0,000	3,860	0,000	75,250	1076,670	83688,380	-82611,710
1437+0,00	0,000	3,820	0,000	76,800	1076,670	83765,180	-82688,510
1438+0,00	0,000	3,320	0,000	71,340	1076,670	83836,520	-82759,850
1439+0,00	0,000	2,980	0,000	62,960	1076,670	83899,480	-82822,810
1440+0,00	0,000	3,040	0,000	60,160	1076,670	83959,640	-82882,970
1441+0,00	0,000	2,960	0,000	59,950	1076,670	84019,590	-82942,920
1442+0,00	0,000	2,780	0,000	57,400	1076,670	84076,990	-83000,320
1443+0,00	0,000	3,010	0,000	57,920	1076,670	84134,910	-83058,240
1444+0,00	0,000	2,980	0,000	59,920	1076,670	84194,830	-83118,160
1445+0,00	0,000	4,050	0,000	70,470	1076,670	84265,300	-83188,630
1446+0,00	0,000	3,300	0,000	73,840	1076,670	84339,150	-83262,480
1447+0,00	0,000	3,080	0,000	64,300	1076,670	84403,450	-83326,780
1448+0,00	0,000	3,070	0,000	61,570	1076,670	84465,020	-83388,350
1449+0,00	0,000	3,160	0,000	62,330	1076,670	84527,350	-83450,680
1450+0,00	0,000	2,930	0,000	60,920	1076,670	84588,270	-83511,600
1451+0,00	0,000	3,510	0,000	64,530	1076,670	84652,800	-83576,130
1452+0,00	0,000	3,270	0,000	67,740	1076,670	84720,530	-83643,860
1453+0,00	0,000	2,330	0,000	55,970	1076,670	84776,500	-83699,830
1454+0,00	0,000	2,990	0,000	53,190	1076,670	84829,690	-83753,020
1455+0,00	0,000	3,010	0,000	60,010	1076,670	84889,700	-83813,030
1456+0,00	0,000	2,120	0,000	51,390	1076,670	84941,090	-83864,420
1457+0,00	0,000	2,120	0,000	42,440	1076,670	84983,530	-83906,860
1458+0,00	0,000	2,640	0,000	47,660	1076,670	85031,190	-83954,520
1459+0,00	0,000	1,220	0,010	38,630	1076,680	85069,820	-83993,140
1460+0,00	0,000	2,780	0,010	39,960	1076,700	85109,780	-84033,080
1461+0,00	0,000	2,400	0,000	51,750	1076,700	85161,540	-84084,840
1462+0,00	0,000	2,660	0,000	50,650	1076,700	85212,190	-84135,490

Osvaldo Leôncio da S[illegible]
Diretor da Unidade de P[illegible]
Projetos e Obras - DU[illegible]
Secretaria das Cidades e [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)
1463+0,00	0,000	2,720	0,000	53,940	1076,700	85266,120	-84189,420
1464+0,00	0,000	2,510	0,000	52,360	1076,700	85318,490	-84241,790
1465+0,00	0,000	2,640	0,000	51,700	1076,700	85370,180	-84293,480
1466+0,00	0,000	2,760	0,000	54,230	1076,700	85424,410	-84347,710
1467+0,00	0,000	2,130	0,000	48,950	1076,700	85473,360	-84396,660
1468+0,00	0,000	1,500	0,000	36,360	1076,700	85509,720	-84433,020
1469+0,00	0,000	1,800	0,000	33,000	1076,700	85542,720	-84466,020
1470+0,00	0,000	2,230	0,000	40,350	1076,700	85583,070	-84506,370
1471+0,00	0,000	2,390	0,000	46,180	1076,700	85629,250	-84552,550
1472+0,00	0,000	2,360	0,000	47,400	1076,700	85676,650	-84599,950
1473+0,00	0,000	2,810	0,000	51,550	1076,700	85728,190	-84651,490
1474+0,00	0,000	2,390	0,000	52,110	1076,700	85780,300	-84703,600
1475+0,00	0,000	2,210	0,000	46,050	1076,700	85826,350	-84749,650
1476+0,00	0,000	2,850	0,000	50,630	1076,700	85876,970	-84800,270
1477+0,00	0,000	2,710	0,000	55,590	1076,700	85932,560	-84855,860
1478+0,00	0,000	2,930	0,000	56,350	1076,700	85988,910	-84912,210
1479+0,00	0,000	2,850	0,000	57,790	1076,700	86046,700	-84970,000
1480+0,00	0,000	3,030	0,000	58,800	1076,700	86105,490	-85028,790
1481+0,00	0,000	3,080	0,000	61,040	1076,700	86166,530	-85089,830
1482+0,00	0,000	3,140	0,000	62,130	1076,700	86228,660	-85151,960
1483+0,00	0,000	2,990	0,000	61,220	1076,700	86289,880	-85213,180
1484+0,00	0,000	2,290	0,000	52,880	1076,700	86342,760	-85266,060
1485+0,00	0,020	1,920	0,200	42,090	1076,900	86384,850	-85307,950
1486+0,00	0,020	1,980	0,370	39,030	1077,260	86423,870	-85346,610
1487+0,00	0,000	2,100	0,170	40,820	1077,430	86464,690	-85387,260
1488+0,00	0,000	2,310	0,000	44,100	1077,440	86508,790	-85431,350
1489+0,00	0,000	2,940	0,000	52,460	1077,440	86561,250	-85483,810
1490+0,00	0,000	2,940	0,000	58,830	1077,440	86620,080	-85542,640
1491+0,00	0,000	3,410	0,000	63,340	1077,440	86683,430	-85605,990
1492+0,00	0,000	3,270	0,000	66,790	1077,440	86750,220	-85672,780
1493+0,00	0,000	3,050	0,000	63,200	1077,440	86813,410	-85735,970
1494+0,00	0,000	3,230	0,000	62,940	1077,440	86876,350	-85798,910
1495+0,00	0,000	3,180	0,000	64,140	1077,440	86940,490	-85863,050
1496+0,00	0,000	3,060	0,000	62,110	1077,440	87002,600	-85925,160
1497+0,00	0,000	3,200	0,000	62,650	1077,440	87065,260	-85987,820
1498+0,00	0,000	3,040	0,000	62,390	1077,440	87127,650	-86050,210
1499+0,00	0,000	2,420	0,000	54,570	1077,440	87182,220	-86104,780
1500+0,00	0,000	2,130	0,000	45,440	1077,440	87227,660	-86150,220
1501+0,00	0,000	3,220	0,000	53,600	1077,440	87281,260	-86203,820
1502+0,00	0,000	2,730	0,000	59,700	1077,440	87340,960	-86263,520
1503+0,00	0,000	2,820	0,000	55,950	1077,440	87396,910	-86319,470
1504+0,00	0,000	3,170	0,000	59,940	1077,440	87456,850	-86379,410
1505+0,00	0,000	3,230	0,000	64,040	1077,440	87520,890	-86443,450
1506+0,00	0,000	3,280	0,000	65,180	1077,440	87586,070	-86508,630
1507+0,00	0,000	2,780	0,000	60,600	1077,440	87646,670	-86569,230
1508+0,00	0,000	2,980	0,000	57,550	1077,440	87704,220	-86626,780
1509+0,00	0,000	2,630	0,000	56,080	1077,440	87760,300	-86682,860
1510+0,00	0,000	1,960	0,000	46,030	1077,440	87806,320	-86728,880
1511+0,00	0,000	2,880	0,000	48,460	1077,440	87854,780	-86777,340
1512+0,00	0,000	2,930	0,000	58,210	1077,440	87912,990	-86835,550
1513+0,00	0,000	3,450	0,000	63,840	1077,440	87976,830	-86899,390
1514+0,00	0,000	3,110	0,000	65,210	1077,440	88042,050	-86964,610
1515+0,00	0,000	3,430	0,000	65,180	1077,440	88107,230	-87029,790
1516+0,00	0,000	2,830	0,000	62,630	1077,440	88169,860	-87092,420
1517+0,00	0,000	2,930	0,000	57,600	1077,440	88227,460	-87150,020
1518+0,00	0,000	3,000	0,000	59,260	1077,440	88286,730	-87209,290
1519+0,00	0,000	2,590	0,000	55,920	1077,440	88342,640	-87265,200
1520+0,00	0,000	2,420	0,000	50,620	1077,440	88393,260	-87315,820
1521+0,00	0,000	2,710	0,000	50,970	1077,440	88444,230	-87366,790
1522+0,00	0,000	2,900	0,000	56,090	1077,440	88500,320	-87422,880
1523+0,00	0,000	3,220	0,000	61,210	1077,440	88561,530	-87484,090
1524+0,00	0,000	2,820	0,000	60,220	1077,440	88621,750	-87544,310
1525+0,00	0,000	1,720	0,000	45,540	1077,440	88667,290	-87589,850
1526+0,00	0,000	2,710	0,000	44,380	1077,440	88711,670	-87634,230

Osvaldo Leôncio da Silva
Diretor da Unidade de Progr
Projetos e Obras - DIP
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)
1527+0,00	0,000	2,050	0,000	47,810	1077,440	88759,490	-87682,050
1528+0,00	0,000	2,950	0,000	50,120	1077,440	88809,610	-87732,170
1529+0,00	0,000	3,040	0,000	59,730	1077,440	88869,340	-87791,900
1530+0,00	0,000	2,930	0,000	59,680	1077,440	88929,020	-87851,580
1531+0,00	0,000	2,960	0,000	58,910	1077,440	88987,930	-87910,490
1532+0,00	0,000	2,820	0,000	57,710	1077,440	89045,640	-87968,200
1533+0,00	0,000	2,940	0,000	57,650	1077,440	89103,290	-88025,850
1534+0,00	0,000	3,000	0,000	59,670	1077,440	89162,960	-88085,520
1535+0,00	0,000	3,040	0,000	60,570	1077,440	89223,520	-88146,080
1536+0,00	0,000	3,050	0,000	60,590	1077,440	89284,110	-88206,670
1537+0,00	0,000	3,130	0,000	61,660	1077,440	89345,780	-88268,340
1538+0,00	0,000	2,790	0,000	59,120	1077,440	89404,900	-88327,460
1539+0,00	0,000	2,860	0,000	56,410	1077,440	89461,310	-88383,870
1540+0,00	0,000	2,820	0,000	56,690	1077,440	89518,010	-88440,570
1541+0,00	0,000	3,130	0,000	59,510	1077,440	89577,520	-88500,080
1542+0,00	0,000	2,870	0,000	60,170	1077,440	89637,690	-88560,250
1543+0,00	0,000	3,090	0,000	59,770	1077,440	89697,460	-88620,020
1544+0,00	0,000	3,190	0,000	63,060	1077,440	89760,510	-88683,070
1545+0,00	0,000	2,610	0,000	58,080	1077,440	89818,590	-88741,150
1546+0,00	0,000	2,420	0,000	50,290	1077,440	89868,890	-88791,450
1547+0,00	0,000	3,030	0,000	54,490	1077,440	89923,370	-88845,930
1548+0,00	0,000	2,790	0,000	58,110	1077,440	89981,480	-88904,040
1549+0,00	0,000	1,960	0,000	47,470	1077,440	90028,950	-88951,510
1550+0,00	0,000	1,800	0,000	37,510	1077,440	90066,460	-88989,020
1551+0,00	0,000	1,590	0,000	33,890	1077,440	90100,350	-89022,910
1552+0,00	0,000	2,040	0,000	36,310	1077,440	90136,660	-89059,220
1553+0,00	0,000	2,730	0,000	47,620	1077,440	90184,280	-89106,840
1554+0,00	0,000	2,760	0,000	54,920	1077,440	90239,190	-89161,750
1555+0,00	0,000	3,170	0,000	59,180	1077,440	90298,370	-89220,930
1556+0,00	0,000	3,130	0,000	62,970	1077,440	90361,340	-89283,900
1557+0,00	0,000	2,980	0,000	60,990	1077,440	90422,330	-89344,890
1558+0,00	0,000	3,230	0,000	62,060	1077,440	90484,390	-89406,950
1559+0,00	0,000	3,390	0,000	66,260	1077,440	90550,650	-89473,210
1560+0,00	0,000	3,260	0,000	66,580	1077,440	90617,230	-89539,790
1561+0,00	0,000	3,170	0,000	64,320	1077,440	90681,550	-89604,110
1562+0,00	0,000	3,160	0,000	63,320	1077,440	90744,870	-89667,430
1563+0,00	0,000	3,050	0,000	62,130	1077,440	90807,000	-89729,560
1564+0,00	0,000	3,480	0,000	65,350	1077,440	90872,350	-89794,910
1565+0,00	0,000	3,810	0,000	73,060	1077,440	90945,420	-89867,980
1566+0,00	0,000	3,850	0,000	76,620	1077,440	91022,030	-89944,590
1567+0,00	0,000	3,480	0,000	73,180	1077,440	91095,220	-90017,780
1568+0,00	0,000	3,010	0,000	64,840	1077,440	91160,060	-90082,620
1569+0,00	0,000	2,920	0,000	59,280	1077,440	91219,340	-90141,900
1570+0,00	0,000	2,950	0,000	58,890	1077,440	91278,230	-90200,790
1571+0,00	0,000	2,730	0,000	56,810	1077,440	91335,040	-90257,600
1572+0,00	0,000	2,760	0,000	54,900	1077,440	91389,930	-90312,490
1573+0,00	0,000	3,040	0,000	57,970	1077,440	91447,900	-90370,460
1574+0,00	0,000	2,970	0,000	59,880	1077,440	91507,780	-90430,340
1575+0,00	0,000	2,870	0,000	58,080	1077,440	91565,860	-90488,420
1576+0,00	0,000	2,860	0,000	57,140	1077,440	91623,010	-90545,570
1577+0,00	0,000	2,870	0,000	56,900	1077,440	91679,910	-90602,470
1578+0,00	0,000	2,890	0,000	57,450	1077,440	91737,350	-90659,910
1579+0,00	0,000	2,870	0,000	57,590	1077,440	91794,950	-90717,510
1580+0,00	0,000	2,190	0,000	50,580	1077,440	91845,530	-90768,090
1581+0,00	0,000	2,590	0,000	47,790	1077,440	91893,320	-90815,880
1582+0,00	0,000	2,770	0,000	53,620	1077,440	91946,940	-90869,500
1583+0,00	0,000	2,950	0,000	57,030	1077,440	92003,960	-90926,520
1584+0,00	0,000	2,810	0,000	57,510	1077,440	92061,470	-90984,030
1585+0,00	0,000	2,640	0,000	54,480	1077,440	92115,950	-91038,510
1586+0,00	0,000	2,630	0,000	52,760	1077,440	92168,710	-91091,270
1587+0,00	0,000	2,640	0,000	52,770	1077,440	92221,480	-91144,040
1588+0,00	0,000	2,790	0,000	54,490	1077,440	92275,960	-91198,520
1589+0,00	0,000	2,830	0,000	56,220	1077,440	92332,180	-91254,740
1590+0,00	0,000	2,940	0,000	57,670	1077,440	92389,850	-91312,410

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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)
1591+0,00	0,000	3,070	0,000	60,130	1077,440	92449,980	-91372,540
1592+0,00	0,000	3,430	0,000	64,960	1077,440	92514,940	-91437,500
1593+0,00	0,000	3,140	0,000	65,580	1077,440	92580,520	-91503,080
1594+0,00	0,000	3,380	0,000	65,650	1077,440	92646,170	-91568,730
1595+0,00	0,000	2,890	0,000	63,220	1077,440	92709,400	-91631,960
1596+0,00	0,000	2,870	0,000	57,480	1077,440	92766,870	-91689,430
1597+0,00	0,000	2,760	0,000	56,650	1077,440	92823,520	-91746,080
1598+0,00	0,000	2,570	0,000	53,350	1077,440	92876,870	-91799,430
1599+0,00	0,000	2,040	0,000	46,080	1077,440	92922,950	-91845,510
1600+0,00	0,000	2,690	0,000	47,190	1077,440	92970,140	-91892,700
1601+0,00	0,000	2,800	0,000	55,000	1077,440	93025,140	-91947,700
1602+0,00	0,000	3,020	0,000	58,250	1077,440	93083,390	-92005,950
1603+0,00	0,000	2,830	0,000	58,520	1077,440	93141,920	-92064,480
1604+0,00	0,000	3,070	0,000	58,980	1077,440	93200,900	-92123,460
1605+0,00	0,000	2,860	0,000	59,240	1077,440	93260,140	-92182,700
1606+0,00	0,000	2,430	0,000	53,140	1077,440	93313,280	-92235,840
1607+0,00	0,000	3,090	0,000	55,100	1077,440	93368,390	-92290,950
1608+0,00	0,000	3,690	0,000	67,950	1077,440	93436,340	-92358,900
1609+0,00	0,000	2,940	0,000	66,300	1077,440	93502,640	-92425,200
1610+0,00	0,000	2,910	0,000	58,520	1077,440	93561,160	-92483,720
1611+0,00	0,000	2,590	0,000	54,950	1077,440	93616,120	-92538,680
1612+0,00	0,000	3,510	0,000	61,190	1077,440	93677,310	-92599,870
1613+0,00	0,000	3,140	0,000	66,710	1077,440	93744,020	-92666,580
1614+0,00	0,000	3,320	0,000	64,620	1077,440	93808,640	-92731,200
1615+0,00	0,000	3,170	0,000	64,860	1077,440	93873,510	-92796,070
1616+0,00	0,000	3,190	0,000	63,540	1077,440	93937,050	-92859,610
1617+0,00	0,000	3,410	0,000	65,960	1077,440	94003,000	-92925,560
1618+0,00	0,000	2,400	0,000	58,150	1077,440	94061,150	-92983,710
1619+0,00	0,000	2,880	0,000	52,850	1077,440	94114,010	-93036,570
1620+0,00	0,000	2,280	0,000	51,610	1077,440	94165,620	-93088,180
1621+0,00	0,000	3,610	0,000	58,950	1077,440	94224,560	-93147,120
1622+0,00	0,000	2,920	0,000	65,320	1077,440	94289,880	-93212,440
1623+0,00	0,010	2,610	0,100	55,270	1077,540	94345,160	-93267,620
1624+0,00	0,000	3,210	0,090	58,340	1077,630	94403,500	-93325,870
1625+0,00	0,010	3,230	0,090	64,390	1077,720	94467,890	-93390,170
1626+0,00	0,020	3,150	0,250	63,800	1077,970	94531,690	-93453,720
1627+0,00	0,020	3,150	0,330	62,680	1078,300	94594,370	-93516,070
1628+0,00	0,050	2,860	0,690	60,080	1078,980	94654,440	-93575,460
1629+0,00	0,060	2,470	1,160	53,010	1080,140	94707,450	-93627,310
1630+0,00	0,010	2,940	0,760	54,240	1080,900	94761,690	-93680,790
1631+0,00	0,000	2,940	0,140	58,770	1081,040	94820,460	-93739,420
1632+0,00	0,000	2,950	0,000	58,930	1081,040	94879,380	-93798,340
1633+0,00	0,000	3,470	0,000	64,460	1081,040	94943,840	-93862,800
1634+0,00	0,000	3,420	0,000	68,910	1081,040	95012,750	-93931,710
1635+0,00	0,000	3,490	0,000	68,840	1081,040	95081,590	-94000,550
1636+0,00	0,000	3,590	0,000	70,820	1081,040	95152,420	-94071,380
1637+0,00	0,000	3,060	0,000	66,890	1081,040	95219,300	-94138,260
1638+0,00	0,000	3,140	0,000	62,150	1081,040	95281,450	-94200,410
1639+0,00	0,000	3,090	0,000	62,450	1081,040	95343,900	-94262,860
1640+0,00	0,000	3,020	0,000	60,960	1081,040	95404,860	-94323,820
1641+0,00	0,020	2,230	0,190	52,550	1081,240	95457,410	-94376,170
1642+0,00	0,050	1,580	0,700	38,150	1081,940	95495,550	-94413,610
1643+0,00	0,010	1,910	0,630	34,970	1082,570	95530,520	-94447,950
1644+0,00	0,000	2,950	0,120	48,600	1082,690	95579,120	-94496,430
1645+0,00	0,000	2,990	0,000	59,580	1082,690	95638,690	-94556,000
1646+0,00	0,000	2,910	0,000	59,030	1082,690	95697,730	-94615,040
1647+0,00	0,000	2,930	0,000	58,430	1082,690	95756,150	-94673,460
1648+0,00	0,000	2,460	0,000	53,910	1082,690	95810,070	-94727,380
1649+0,00	0,000	2,610	0,000	50,650	1082,690	95860,720	-94778,030
1650+0,00	0,000	2,760	0,000	53,670	1082,690	95914,390	-94831,700
1651+0,00	0,000	3,780	0,000	65,370	1082,690	95979,760	-94897,070
1652+0,00	0,000	4,510	0,000	82,880	1082,690	96062,640	-94979,950
1653+0,00	0,000	4,180	0,000	86,910	1082,690	96149,550	-95066,860
1654+0,00	0,000	2,990	0,000	71,460	1082,690	96221,000	-95138,310

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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)
1655+0,00	0,000	3,330	0,000	63,150	1082,690	96284,150	-95201,460
1656+0,00	0,000	3,400	0,000	67,550	1082,690	96351,700	-95269,010
1657+0,00	0,000	2,700	0,000	61,010	1082,690	96412,710	-95330,020
1658+0,00	0,000	2,790	0,000	54,930	1082,690	96467,640	-95384,950
1659+0,00	0,000	2,950	0,000	57,560	1082,690	96525,200	-95442,510
1660+0,00	0,000	3,230	0,000	61,720	1082,690	96586,920	-95504,230
1661+0,00	0,000	4,530	0,000	78,010	1082,690	96664,930	-95582,240
1662+0,00	0,000	4,380	0,000	89,270	1082,690	96754,190	-95671,500
1663+0,00	0,000	4,200	0,000	85,820	1082,690	96840,010	-95757,320
1664+0,00	0,000	3,540	0,000	77,350	1082,690	96917,370	-95834,680
1665+0,00	0,000	2,870	0,000	63,680	1082,690	96981,050	-95898,360
1666+0,00	0,000	2,040	0,000	48,670	1082,690	97029,720	-95947,030
1667+0,00	0,000	1,970	0,000	39,730	1082,690	97069,450	-95986,760
1668+0,00	0,000	3,060	0,000	50,110	1082,690	97119,560	-96036,870
1669+0,00	0,000	2,880	0,000	59,400	1082,690	97178,960	-96096,270
1670+0,00	0,000	2,960	0,000	58,560	1082,690	97237,520	-96154,830
1671+0,00	0,000	2,970	0,000	59,360	1082,690	97296,880	-96214,190
1672+0,00	0,000	2,960	0,000	59,280	1082,690	97356,160	-96273,470
1673+0,00	0,000	2,810	0,000	57,660	1082,690	97413,820	-96331,130
1674+0,00	0,000	3,340	0,000	61,240	1082,690	97475,060	-96392,370
1675+0,00	0,000	4,360	0,000	76,750	1082,690	97551,800	-96469,110
1676+0,00	0,000	3,330	0,000	76,960	1082,690	97628,760	-96546,070
1677+0,00	0,000	3,090	0,000	64,140	1082,690	97692,900	-96610,210
1678+0,00	0,000	3,190	0,000	63,060	1082,690	97755,970	-96673,280
1679+0,00	0,000	3,050	0,000	62,670	1082,690	97818,630	-96735,940
1680+0,00	0,000	2,930	0,000	60,180	1082,690	97878,810	-96796,120
1681+0,00	0,000	2,730	0,000	56,550	1082,690	97935,360	-96852,670
1682+0,00	0,000	2,010	0,000	47,400	1082,690	97982,760	-96900,070
1683+0,00	0,000	2,350	0,000	43,560	1082,690	98026,320	-96943,630
1684+0,00	0,000	2,850	0,000	51,960	1082,690	98078,280	-96995,590
1685+0,00	0,000	3,600	0,000	64,410	1082,690	98142,690	-97060,000
1686+0,00	0,000	2,950	0,000	65,450	1082,690	98208,140	-97125,450
1687+0,00	0,000	3,310	0,000	62,620	1082,690	98270,760	-97188,070
1688+0,00	0,000	3,040	0,000	63,430	1082,690	98334,190	-97251,500
1689+0,00	0,000	2,770	0,000	58,180	1082,690	98392,360	-97309,670
1690+0,00	0,000	2,290	0,000	50,620	1082,690	98442,980	-97360,290
1691+0,00	0,000	2,640	0,000	49,310	1082,690	98492,290	-97409,600
1692+0,00	0,000	2,740	0,000	53,770	1082,690	98546,070	-97463,380
1693+0,00	0,000	2,880	0,000	56,140	1082,690	98602,210	-97519,520
1694+0,00	0,000	2,780	0,000	56,580	1082,690	98658,790	-97576,100
1695+0,00	0,000	2,920	0,000	57,000	1082,690	98715,790	-97633,100
1696+0,00	0,000	3,820	0,000	67,410	1082,690	98783,200	-97700,510
1697+0,00	0,000	2,980	0,000	68,060	1082,690	98851,260	-97768,570
1698+0,00	0,000	2,910	0,000	58,950	1082,690	98910,210	-97827,520
1699+0,00	0,000	3,020	0,000	59,370	1082,690	98969,580	-97886,890
1700+0,00	0,000	3,150	0,000	61,700	1082,690	99031,280	-97948,590
1701+0,00	0,000	3,120	0,000	62,850	1082,690	99094,140	-98011,450
1702+0,00	0,000	3,060	0,000	61,860	1082,690	99156,000	-98073,310
1703+0,00	0,000	2,900	0,000	59,790	1082,690	99215,790	-98133,100
1704+0,00	0,000	3,060	0,000	59,680	1082,690	99275,470	-98192,780
1705+0,00	0,000	3,000	0,000	60,610	1082,690	99336,090	-98253,400
1706+0,00	0,000	2,850	0,000	58,440	1082,690	99394,520	-98311,830
1707+0,00	0,000	2,650	0,000	54,950	1082,690	99449,480	-98366,790
1708+0,00	0,000	2,850	0,000	54,970	1082,690	99504,450	-98421,760
1709+0,00	0,000	3,050	0,000	59,020	1082,690	99563,480	-98480,790
1710+0,00	0,000	2,870	0,000	59,270	1082,690	99622,750	-98540,060
1711+0,00	0,000	3,140	0,000	60,130	1082,690	99682,880	-98600,190
1712+0,00	0,000	3,050	0,000	61,980	1082,690	99744,850	-98662,160
1713+0,00	0,000	3,270	0,000	63,210	1082,690	99808,060	-98725,370
1714+0,00	0,000	3,020	0,000	62,780	1082,690	99870,840	-98788,150
1715+0,00	0,000	2,850	0,000	58,660	1082,690	99929,500	-98846,810
1716+0,00	0,000	1,960	0,000	48,070	1082,690	99977,570	-98894,880
1717+0,00	0,000	1,400	0,000	33,600	1082,690	100011,170	-98928,480
1718+0,00	0,040	0,500	0,400	19,080	1083,100	100030,240	-98947,140

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Projetos e Obras - DUPPO
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)
1719+0,00	0,000	1,700	0,400	22,060	1083,500	100052,300	-98968,800
1720+0,00	0,000	2,570	0,000	42,560	1083,500	100094,860	-99011,360
1721+0,00	0,000	3,190	0,000	57,460	1083,500	100152,320	-99068,820
1722+0,00	0,000	3,790	0,000	69,890	1083,500	100222,210	-99138,710
1723+0,00	0,000	3,700	0,000	74,920	1083,500	100297,130	-99213,630
1724+0,00	0,000	2,900	0,000	65,980	1083,500	100363,110	-99279,610
1725+0,00	0,000	3,070	0,000	59,610	1083,500	100422,710	-99339,210
1726+0,00	0,000	3,180	0,000	62,480	1083,500	100485,190	-99401,690
1727+0,00	0,000	2,990	0,000	61,730	1083,500	100546,920	-99463,420
1728+0,00	0,000	2,960	0,000	59,550	1083,500	100606,470	-99522,970
1729+0,00	0,000	2,880	0,000	58,480	1083,500	100664,950	-99581,450
1730+0,00	0,000	2,930	0,000	58,080	1083,500	100723,030	-99639,530
1731+0,00	0,000	2,610	0,000	55,480	1083,500	100778,510	-99695,010
1732+0,00	0,000	2,800	0,000	54,130	1083,500	100832,640	-99749,140
1733+0,00	0,000	2,130	0,000	49,340	1083,500	100881,980	-99798,480
1734+0,00	0,000	2,960	0,000	50,930	1083,500	100932,910	-99849,410
1735+0,00	0,000	2,940	0,000	59,010	1083,500	100991,920	-99908,420
1736+0,00	0,000	3,030	0,000	59,690	1083,500	101051,610	-99968,110
1737+0,00	0,000	3,650	0,000	66,830	1083,500	101118,440	-100034,940
1738+0,00	0,000	3,340	0,000	69,760	1083,500	101188,200	-100104,700
1739+0,00	0,000	2,720	0,000	60,610	1083,500	101248,810	-100165,310
1740+0,00	0,000	2,650	0,000	53,760	1083,500	101302,570	-100219,070
1741+0,00	0,000	2,280	0,000	49,290	1083,500	101351,860	-100268,360
1742+0,00	0,000	2,790	0,000	50,670	1083,500	101402,530	-100319,030
1743+0,00	0,000	2,570	0,000	53,500	1083,500	101456,030	-100372,530
1744+0,00	0,000	2,670	0,000	52,370	1083,500	101508,400	-100424,900
1745+0,00	0,000	2,550	0,000	52,150	1083,500	101560,550	-100477,050
1746+0,00	0,000	2,660	0,000	52,020	1083,500	101612,570	-100529,070
1747+0,00	0,000	3,030	0,000	56,430	1083,500	101668,990	-100585,490
1748+0,00	0,000	3,810	0,000	68,240	1083,500	101737,240	-100653,740
1749+0,00	0,000	3,380	0,000	71,920	1083,500	101809,160	-100725,660
1750+0,00	0,000	3,130	0,000	65,150	1083,500	101874,310	-100790,810
1751+0,00	0,000	2,570	0,000	56,990	1083,500	101931,300	-100847,800
1752+0,00	0,000	2,780	0,000	53,450	1083,500	101984,740	-100901,240
1753+0,00	0,000	2,790	0,000	55,640	1083,500	102040,390	-100956,890
1754+0,00	0,000	2,810	0,000	56,060	1083,500	102096,450	-101012,950
1755+0,00	0,000	2,940	0,000	57,590	1083,500	102154,040	-101070,540
1756+0,00	0,000	2,850	0,000	57,940	1083,500	102211,980	-101128,480
1757+0,00	0,000	2,950	0,000	58,020	1083,500	102270,000	-101186,500
1758+0,00	0,000	2,810	0,000	57,640	1083,500	102327,640	-101244,140
1759+0,00	0,000	2,980	0,000	57,910	1083,500	102385,550	-101302,050
1760+0,00	0,000	2,790	0,000	57,720	1083,500	102443,260	-101359,760
1761+0,00	0,000	2,180	0,000	49,680	1083,500	102492,940	-101409,440
1762+0,00	0,000	2,660	0,000	48,420	1083,500	102541,360	-101457,860
1763+0,00	0,000	2,980	0,000	56,460	1083,500	102597,820	-101514,320
1764+0,00	0,000	3,750	0,000	67,350	1083,500	102665,180	-101581,680
1765+0,00	0,000	4,050	0,000	78,000	1083,500	102743,180	-101659,680
1766+0,00	0,000	3,020	0,000	70,670	1083,500	102813,850	-101730,350
1767+0,00	0,000	2,490	0,000	55,140	1083,500	102868,990	-101785,490
1768+0,00	0,000	2,600	0,000	50,920	1083,500	102919,920	-101836,420
1769+0,00	0,000	3,020	0,000	56,160	1083,500	102976,080	-101892,580
1770+0,00	0,000	2,600	0,000	56,140	1083,500	103032,220	-101948,720
1771+0,00	0,000	2,850	0,000	54,600	1083,500	103086,810	-102003,310
1772+0,00	0,000	3,150	0,000	60,000	1083,500	103146,810	-102063,310
1773+0,00	0,000	3,120	0,000	62,660	1083,500	103209,470	-102125,970
1774+0,00	0,000	3,110	0,000	62,270	1083,500	103271,740	-102188,240
1775+0,00	0,000	3,460	0,000	65,730	1083,500	103337,480	-102253,980
1776+0,00	0,000	1,870	0,000	53,320	1083,500	103390,800	-102307,300
1777+0,00	0,030	1,450	0,350	33,180	1083,850	103423,970	-102340,120
1778+0,00	0,270	1,130	2,980	25,970	1086,820	103449,940	-102363,120
1779+0,00	0,000	2,840	2,660	39,730	1089,490	103489,680	-102400,190
1780+0,00	0,000	3,100	0,000	59,340	1089,490	103549,010	-102459,520
1781+0,00	0,000	2,950	0,000	60,280	1089,490	103609,300	-102519,810
1782+0,00	0,000	3,010	0,000	59,290	1089,490	103668,590	-102579,100

Osvaldo Leôncio da Silv
Diretor da Unidade de Prog
Projetos e Obras - DUP - D
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)
1783+0,00	0,000	3,930	0,000	67,550	1089,490	103736,140	-102646,650
1784+0,00	0,000	3,260	0,000	71,930	1089,490	103808,070	-102718,580
1785+0,00	0,000	2,930	0,000	61,590	1089,490	103869,660	-102780,170
1786+0,00	0,000	2,860	0,000	57,430	1089,490	103927,080	-102837,590
1787+0,00	0,000	2,910	0,000	57,610	1089,490	103984,690	-102895,200
1788+0,00	0,000	2,690	0,000	55,870	1089,490	104040,560	-102951,070
1789+0,00	0,000	3,190	0,000	58,750	1089,490	104099,310	-103009,820
1790+0,00	0,000	2,950	0,000	61,700	1089,490	104161,020	-103071,530
1791+0,00	0,000	3,500	0,000	64,540	1089,490	104225,550	-103136,060
1792+0,00	0,000	3,280	0,000	67,840	1089,490	104293,400	-103203,910
1793+0,00	0,000	2,770	0,000	60,370	1089,490	104353,770	-103264,280
1794+0,00	0,000	2,870	0,000	56,300	1089,490	104410,070	-103320,580
1795+0,00	0,000	2,880	0,000	57,520	1089,490	104467,580	-103378,090
1796+0,00	0,000	2,920	0,000	58,000	1089,490	104525,580	-103436,090
1797+0,00	0,000	2,860	0,000	57,840	1089,490	104583,420	-103493,930
1798+0,00	0,000	2,840	0,000	57,070	1089,490	104640,490	-103551,000
1799+0,00	0,000	3,190	0,000	60,310	1089,490	104700,800	-103611,310
1800+0,00	0,000	3,370	0,000	65,590	1089,490	104766,390	-103676,900
1801+0,00	0,000	3,130	0,000	65,030	1089,490	104831,410	-103741,920
1802+0,00	0,000	3,010	0,000	61,420	1089,490	104892,830	-103803,340
1803+0,00	0,000	3,040	0,000	60,470	1089,490	104953,300	-103863,810
1804+0,00	0,000	2,950	0,000	59,920	1089,490	105013,220	-103923,730
1805+0,00	0,000	2,850	0,000	57,950	1089,490	105071,180	-103981,690
1806+0,00	0,000	2,800	0,000	56,350	1089,490	105127,530	-104038,040
1807+0,00	0,000	2,910	0,000	57,360	1089,490	105184,890	-104095,400
1808+0,00	0,000	3,510	0,000	64,510	1089,490	105249,400	-104159,910
1809+0,00	0,000	3,280	0,000	68,000	1089,490	105317,410	-104227,920
1810+0,00	0,000	3,240	0,000	65,060	1089,490	105382,460	-104292,970
1811+0,00	0,000	3,460	0,000	67,010	1089,490	105449,470	-104359,980
1812+0,00	0,000	2,910	0,000	63,770	1089,490	105513,250	-104423,760
1813+0,00	0,000	2,950	0,000	58,720	1089,490	105571,970	-104482,480
1814+0,00	0,000	2,930	0,000	58,830	1089,490	105630,790	-104541,300
1815+0,00	0,000	2,790	0,000	57,250	1089,490	105688,050	-104598,560
1816+0,00	0,000	2,620	0,000	54,610	1089,490	105742,660	-104653,170
1817+0,00	0,000	3,230	0,000	58,740	1089,490	105801,400	-104711,910
1818+0,00	0,000	3,120	0,000	63,570	1089,490	105864,970	-104775,480
1819+0,00	0,000	2,940	0,000	60,610	1089,490	105925,580	-104836,090
1820+0,00	0,000	2,850	0,000	57,900	1089,490	105983,480	-104893,990
1821+0,00	0,000	2,840	0,000	56,850	1089,490	106040,330	-104950,840
1822+0,00	0,000	3,030	0,000	58,640	1089,490	106098,970	-105009,480
1823+0,00	0,000	2,700	0,000	57,220	1089,490	106156,180	-105066,690
1824+0,00	0,000	3,210	0,000	59,150	1089,490	106215,330	-105125,840
1825+0,00	0,000	3,140	0,000	63,830	1089,490	106279,160	-105189,670
1826+0,00	0,000	3,400	0,000	65,460	1089,490	106344,620	-105255,130
1827+0,00	0,000	3,270	0,000	66,870	1089,490	106411,490	-105322,000
1828+0,00	0,000	3,070	0,000	63,480	1089,490	106474,970	-105385,480
1829+0,00	0,000	2,450	0,000	55,200	1089,490	106530,170	-105440,680
1830+0,00	0,000	2,330	0,000	47,660	1089,490	106577,830	-105488,340
1831+0,00	0,000	2,980	0,000	53,150	1089,490	106630,980	-105541,490
1832+0,00	0,000	2,890	0,000	58,850	1089,490	106689,830	-105600,340
1833+0,00	0,010	1,620	0,090	45,020	1089,570	106734,850	-105645,280
1834+0,00	0,000	2,060	0,090	36,820	1089,660	106771,670	-105682,010
1835+0,00	0,000	2,540	0,000	46,120	1089,660	106817,790	-105728,130
1836+0,00	0,000	2,880	0,000	54,160	1089,660	106871,950	-105782,290
1837+0,00	0,000	2,900	0,000	58,040	1089,660	106929,990	-105840,330
1838+0,00	0,000	2,850	0,000	57,520	1089,660	106987,510	-105897,850
1839+0,00	0,000	2,820	0,000	56,740	1089,660	107044,250	-105954,590
1840+0,00	0,000	2,840	0,000	56,490	1089,660	107100,740	-106011,080
1841+0,00	0,000	2,870	0,000	57,070	1089,660	107157,810	-106068,150
1842+0,00	0,000	2,830	0,000	57,000	1089,660	107214,800	-106125,140
1843+0,00	0,000	2,930	0,000	57,620	1089,660	107272,420	-106182,760
1844+0,00	0,090	1,250	0,880	41,780	1090,540	107314,210	-106223,670
1845+0,00	0,000	3,150	0,880	44,060	1091,420	107358,270	-106266,850
1846+0,00	0,000	3,120	0,000	62,680	1091,420	107420,950	-106329,530

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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	0,000	2,850	0,000	59,720	1091,420	107480,660	-106389,240
1848+0,00	0,000	2,690	0,000	55,350	1091,420	107536,010	-106444,590
1849+0,00	0,000	2,600	0,000	52,610	1091,420	107588,620	-106497,200
1850+0,00	0,000	2,550	0,000	51,270	1091,420	107639,890	-106548,470
1851+0,00	0,000	2,740	0,000	52,810	1091,420	107692,710	-106601,290
1852+0,00	0,000	2,510	0,000	52,110	1091,420	107744,820	-106653,400
1853+0,00	0,000	2,160	0,000	46,390	1091,420	107791,210	-106699,790
1854+0,00	0,000	2,890	0,000	50,480	1091,420	107841,690	-106750,270
1855+0,00	0,000	2,300	0,000	52,140	1091,420	107893,830	-106802,410
1856+0,00	0,000	2,740	0,000	50,460	1091,420	107944,280	-106852,860
1857+0,00	0,000	2,580	0,000	53,400	1091,420	107997,680	-106906,260
1858+0,00	0,060	1,620	0,570	42,000	1091,990	108039,690	-106947,700
1859+0,00	0,000	3,060	0,560	47,030	1092,560	108086,720	-106994,160
1860+0,00	0,000	3,190	0,000	62,640	1092,560	108149,360	-107056,800
1861+0,00	0,000	3,180	0,000	63,850	1092,560	108213,210	-107120,650
1862+0,00	0,000	3,630	0,000	68,390	1092,560	108281,600	-107189,040
1863+0,00	0,000	3,630	0,000	72,950	1092,560	108354,550	-107261,990
1864+0,00	0,000	3,250	0,000	69,350	1092,560	108423,900	-107331,340
1865+0,00	0,000	2,870	0,000	61,400	1092,560	108485,300	-107392,740
1866+0,00	0,000	2,860	0,000	57,060	1092,560	108542,370	-107449,810
1867+0,00	0,000	2,280	0,000	51,300	1092,560	108593,660	-107501,100
1868+0,00	0,000	3,990	0,000	62,620	1092,560	108656,280	-107563,720
1869+0,00	0,000	3,160	0,000	71,530	1092,560	108727,820	-107635,260
1870+0,00	0,000	3,650	0,000	68,130	1092,560	108795,950	-107703,390
1871+0,00	0,000	4,490	0,000	81,480	1092,560	108877,430	-107784,870
1872+0,00	0,000	4,620	0,000	91,140	1092,560	108968,570	-107876,010
1873+0,00	0,000	4,100	0,000	87,190	1092,560	109055,760	-107963,200
1874+0,00	0,000	3,080	0,000	71,760	1092,560	109127,520	-108034,960
1875+0,00	0,000	3,480	0,000	65,540	1092,560	109193,070	-108100,510
1876+0,00	0,000	3,570	0,000	70,420	1092,560	109263,490	-108170,930
1877+0,00	0,000	3,340	0,000	69,040	1092,560	109332,530	-108239,970
1878+0,00	0,000	3,140	0,000	64,820	1092,560	109397,350	-108304,790
1879+0,00	0,000	3,130	0,000	62,540	1092,560	109459,890	-108367,330
1880+0,00	0,000	2,890	0,000	60,090	1092,560	109519,970	-108427,410
1881+0,00	0,000	2,930	0,000	58,200	1092,560	109578,180	-108485,620
1882+0,00	0,000	3,010	0,000	59,440	1092,560	109637,610	-108545,050
1883+0,00	0,000	3,010	0,000	60,350	1092,560	109697,960	-108605,400
1884+0,00	0,000	3,260	0,000	62,640	1092,560	109760,600	-108668,040
1885+0,00	0,000	3,310	0,000	65,500	1092,560	109826,100	-108733,540
1886+0,00	0,000	3,070	0,000	63,060	1092,560	109889,170	-108796,610
1887+0,00	0,000	3,040	0,000	60,950	1092,560	109950,110	-108857,550
1888+0,00	0,000	3,140	0,000	61,790	1092,560	110011,900	-108919,340
1889+0,00	0,000	2,950	0,000	60,740	1092,560	110072,650	-108980,090
1890+0,00	0,000	3,080	0,000	60,290	1092,560	110132,940	-109040,380
1891+0,00	0,000	2,880	0,000	59,370	1092,560	110192,310	-109099,750
1892+0,00	0,000	2,910	0,000	57,830	1092,560	110250,140	-109157,580
1893+0,00	0,000	2,790	0,000	56,710	1092,560	110306,850	-109214,290
1894+0,00	0,000	2,780	0,000	55,620	1092,560	110362,470	-109269,910
1895+0,00	0,000	2,940	0,000	57,540	1092,560	110420,010	-109327,450
1896+0,00	0,000	2,800	0,000	57,970	1092,560	110477,980	-109385,420
1897+0,00	0,000	2,740	0,000	55,290	1092,560	110533,270	-109440,710
1898+0,00	0,000	2,820	0,000	55,530	1092,560	110588,800	-109496,240
1899+0,00	0,000	2,240	0,000	50,610	1092,560	110639,420	-109546,860
1900+0,00	0,000	2,250	0,000	44,940	1092,560	110684,350	-109591,790
1901+0,00	0,000	1,900	0,000	41,460	1092,560	110725,810	-109633,250
1902+0,00	0,000	2,730	0,000	46,260	1092,560	110772,070	-109679,510
1903+0,00	0,000	2,960	0,000	56,850	1092,560	110828,920	-109736,360
1904+0,00	0,000	3,570	0,000	65,330	1092,560	110894,240	-109801,680
1905+0,00	0,000	3,160	0,000	67,260	1092,560	110961,510	-109868,950
1906+0,00	0,000	2,660	0,000	58,580	1092,560	111020,090	-109927,530
1907+0,00	0,000	2,780	0,000	54,460	1092,560	111074,550	-109981,990
1908+0,00	0,000	2,820	0,000	56,190	1092,560	111130,740	-110038,180
1909+0,00	0,000	2,720	0,000	55,390	1092,560	111186,130	-110093,570
1910+0,00	0,000	2,640	0,000	53,600	1092,560	111239,730	-110147,170

Osvaldo Leôncio da Silv[illegible]no
Diretor da Unidade de Progra[illegible]s
Projetos e Obras - DUPPO
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)
1911+0,00	0,000	2,900	0,000	55,560	1092,560	111295,280	-110202,720
1912+0,00	0,000	2,930	0,000	58,460	1092,560	111353,740	-110261,180
1913+0,00	0,000	2,930	0,000	58,700	1092,560	111412,440	-110319,880
1914+0,00	0,000	2,880	0,000	58,080	1092,560	111470,520	-110377,960
1915+0,00	0,000	2,790	0,000	56,770	1092,560	111527,290	-110434,730
1916+0,00	0,000	3,260	0,000	60,310	1092,560	111587,600	-110495,040
1917+0,00	0,000	3,860	0,000	71,130	1092,560	111658,730	-110566,170
1918+0,00	0,000	3,170	0,000	70,330	1092,560	111729,050	-110636,490
1919+0,00	0,000	3,750	0,000	68,710	1092,560	111797,770	-110705,210
1920+0,00	0,000	3,600	0,000	73,560	1092,560	111871,330	-110778,770
1921+0,00	0,000	3,710	0,000	73,490	1092,560	111944,820	-110852,260
1922+0,00	0,000	3,230	0,000	69,450	1092,560	112014,270	-110921,710
1923+0,00	0,000	2,690	0,000	59,230	1092,560	112073,500	-110980,940
1924+0,00	0,000	2,790	0,000	54,850	1092,560	112128,350	-111035,790
1925+0,00	0,000	2,800	0,000	56,230	1092,560	112184,580	-111092,020
1926+0,00	0,000	3,050	0,000	58,480	1092,560	112243,060	-111150,500
1927+0,00	0,000	3,470	0,000	65,430	1092,560	112308,490	-111215,930
1928+0,00	0,000	3,060	0,000	65,630	1092,560	112374,120	-111281,560
1929+0,00	0,000	4,620	0,000	77,870	1092,560	112451,980	-111359,420
1930+0,00	0,000	4,010	0,000	86,250	1092,560	112538,230	-111445,670
1931+0,00	0,000	2,890	0,000	69,060	1092,560	112607,290	-111514,730
1932+0,00	0,080	1,520	0,840	43,050	1093,400	112650,350	-111556,950
1933+0,00	0,000	3,170	0,830	46,110	1094,230	112696,450	-111602,220
1934+0,00	0,000	4,500	0,000	77,010	1094,230	112773,470	-111679,240
1935+0,00	0,000	3,280	0,000	77,820	1094,230	112851,290	-111757,060
1936+0,00	0,000	2,720	0,000	59,770	1094,230	112911,050	-111816,820
1937+0,00	0,000	1,790	0,000	44,700	1094,230	112955,750	-111861,520
1938+0,00	0,000	2,720	0,000	44,650	1094,230	113000,400	-111906,170
1939+0,00	0,000	2,640	0,000	53,270	1094,230	113053,670	-111959,440
1940+0,00	0,000	2,610	0,000	52,450	1094,230	113106,120	-112011,890
1941+0,00	0,000	3,110	0,000	57,960	1094,230	113164,070	-112069,840
1942+0,00	0,000	2,620	0,000	58,220	1094,230	113222,290	-112128,060
1943+0,00	0,000	2,980	0,000	55,460	1094,230	113277,750	-112183,520
1944+0,00	0,000	3,700	0,000	66,600	1094,230	113344,350	-112250,120
1945+0,00	0,000	3,600	0,000	72,860	1094,230	113417,210	-112322,980
1946+0,00	0,000	3,600	0,000	71,930	1094,230	113489,140	-112394,910
1947+0,00	0,000	2,960	0,000	65,540	1094,230	113554,680	-112460,450
1948+0,00	0,000	2,700	0,000	56,580	1094,230	113611,260	-112517,030
1949+0,00	0,000	2,470	0,000	51,740	1094,230	113663,000	-112568,770
1950+0,00	0,000	2,900	0,000	53,710	1094,230	113716,710	-112622,480
1951+0,00	0,000	3,060	0,000	59,510	1094,230	113776,220	-112681,990
1952+0,00	0,000	3,000	0,000	60,660	1094,230	113836,880	-112742,650
1953+0,00	0,000	2,970	0,000	59,790	1094,230	113896,670	-112802,440
1954+0,00	0,000	3,260	0,000	62,300	1094,230	113958,970	-112864,740
1955+0,00	0,000	3,230	0,000	64,900	1094,230	114023,870	-112929,640
1956+0,00	0,000	3,170	0,000	63,980	1094,230	114087,850	-112993,620
1957+0,00	0,000	3,100	0,000	62,500	1094,230	114150,350	-113056,120
1958+0,00	0,000	2,920	0,000	60,210	1094,230	114210,570	-113116,340
1959+0,00	0,000	2,690	0,000	55,960	1094,230	114266,530	-113172,300
1960+0,00	0,000	2,500	0,000	51,730	1094,230	114318,250	-113224,020
1961+0,00	0,000	2,360	0,000	48,600	1094,230	114366,850	-113272,620
1962+0,00	0,000	2,900	0,000	52,650	1094,230	114419,500	-113325,270
1963+0,00	0,000	3,060	0,000	59,600	1094,230	114479,100	-113384,870
1964+0,00	0,000	2,910	0,000	59,700	1094,230	114538,800	-113444,570
1965+0,00	0,000	2,690	0,000	55,900	1094,230	114594,690	-113500,460
1966+0,00	0,000	2,840	0,000	55,360	1094,230	114650,060	-113555,830
1967+0,00	0,000	4,100	0,000	68,980	1094,230	114719,040	-113624,810
1968+0,00	0,000	2,960	0,000	70,300	1094,230	114789,330	-113695,100
1969+0,00	0,000	3,300	0,000	62,800	1094,230	114852,130	-113757,900
1970+0,00	0,000	3,690	0,000	70,370	1094,230	114922,500	-113828,270
1971+0,00	0,000	2,740	0,000	64,550	1094,230	114987,060	-113892,830
1972+0,00	0,000	2,840	0,000	55,890	1094,230	115042,950	-113948,720
1973+0,00	0,000	3,070	0,000	59,120	1094,230	115102,070	-114007,840
1974+0,00	0,000	3,020	0,000	60,890	1094,230	115162,960	-114068,730

Osvaldo Leôncio da Silv[illegible]ho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
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)
1975+0,00	0,000	3,210	0,000	62,440	1094,230	115225,400	-114131,170
1976+0,00	0,000	2,830	0,000	60,430	1094,230	115285,840	-114191,610
1977+0,00	0,000	3,110	0,000	59,310	1094,230	115345,150	-114250,920
1978+0,00	0,000	3,020	0,000	61,290	1094,230	115406,440	-114312,210
1979+0,00	0,000	3,370	0,000	63,800	1094,230	115470,250	-114376,020
1980+0,00	0,000	3,080	0,000	64,460	1094,230	115534,700	-114440,470
1981+0,00	0,000	2,990	0,000	60,530	1094,230	115595,230	-114501,000
1982+0,00	0,000	3,070	0,000	60,540	1094,230	115655,770	-114561,540
1983+0,00	0,000	3,000	0,000	60,670	1094,230	115716,440	-114622,210
1984+0,00	0,000	3,100	0,000	60,990	1094,230	115777,430	-114683,200
1985+0,00	0,000	3,120	0,000	62,160	1094,230	115839,590	-114745,360
1986+0,00	0,000	3,530	0,000	66,520	1094,230	115906,110	-114811,880
1987+0,00	0,000	2,960	0,000	64,970	1094,230	115971,080	-114876,850
1988+0,00	0,000	2,750	0,000	57,260	1094,230	116028,330	-114934,100
1989+0,00	0,000	2,770	0,000	55,160	1094,230	116083,500	-114989,270
1990+0,00	0,060	1,760	0,590	45,260	1094,820	116128,750	-115033,930
1991+0,00	0,000	2,430	0,590	41,720	1095,410	116170,470	-115075,060
1992+0,00	0,000	2,960	0,000	53,840	1095,410	116224,310	-115128,900
1993+0,00	0,000	3,990	0,000	69,440	1095,410	116293,760	-115198,350
1994+0,00	0,000	4,430	0,000	84,130	1095,410	116377,890	-115282,480
1995+0,00	0,000	4,740	0,000	91,710	1095,410	116469,600	-115374,190
1996+0,00	0,000	3,920	0,000	86,690	1095,410	116556,280	-115460,870
1997+0,00	0,000	2,820	0,000	67,460	1095,410	116623,740	-115528,330
1998+0,00	0,000	2,370	0,000	51,900	1095,410	116675,640	-115580,230
1999+0,00	0,000	3,100	0,000	54,780	1095,410	116730,430	-115635,020
2000+0,00	0,000	3,220	0,000	63,410	1095,410	116793,840	-115698,430
2001+0,00	0,000	2,660	0,000	58,890	1095,410	116852,720	-115757,310
2002+0,00	0,000	2,900	0,000	55,960	1095,410	116908,680	-115813,270
2003+0,00	0,000	3,390	0,000	64,080	1095,410	116972,760	-115877,350
2004+0,00	0,000	4,270	0,000	76,810	1095,410	117049,570	-115954,160
2005+0,00	0,000	3,350	0,000	76,760	1095,410	117126,330	-116030,920
2006+0,00	0,000	3,110	0,000	64,600	1095,410	117190,930	-116095,520
2007+0,00	0,000	3,010	0,000	61,220	1095,410	117252,150	-116156,740
2008+0,00	0,000	3,020	0,000	60,470	1095,410	117312,620	-116217,210
2009+0,00	0,000	2,710	0,000	57,340	1095,410	117369,960	-116274,550
2010+0,00	0,000	2,080	0,000	47,920	1095,410	117417,880	-116322,470
2011+0,00	0,020	1,690	0,170	37,650	1095,580	117455,530	-116359,950
2012+0,00	0,000	2,230	0,180	38,610	1095,760	117494,150	-116398,390
2013+0,00	0,000	2,840	0,000	50,440	1095,760	117544,590	-116448,830
2014+0,00	0,000	2,860	0,000	55,910	1095,760	117600,500	-116504,740
2015+0,00	0,000	2,810	0,000	57,220	1095,760	117657,710	-116561,950
2016+0,00	0,000	2,810	0,000	56,270	1095,760	117713,980	-116618,220
2017+0,00	0,000	2,790	0,000	56,020	1095,760	117770,000	-116674,240
2018+0,00	0,000	2,920	0,000	57,100	1095,760	117827,110	-116731,350
2019+0,00	0,000	3,570	0,000	64,850	1095,760	117891,960	-116796,200
2020+0,00	0,000	2,990	0,000	65,610	1095,760	117957,570	-116861,810
2021+0,00	0,000	2,640	0,000	56,330	1095,760	118013,900	-116918,140
2022+0,00	0,000	3,120	0,000	57,630	1095,760	118071,530	-116975,770
2023+0,00	0,000	3,010	0,000	61,270	1095,760	118132,810	-117037,050
2024+0,00	0,000	2,890	0,000	59,050	1095,760	118191,850	-117096,090
2025+0,00	0,000	3,030	0,000	59,290	1095,760	118251,150	-117155,390
2026+0,00	0,000	3,010	0,000	60,380	1095,760	118311,530	-117215,770
2027+0,00	0,000	3,810	0,000	68,120	1095,760	118379,650	-117283,890
2028+0,00	0,000	3,710	0,000	75,250	1095,760	118454,900	-117359,140
2029+0,00	0,000	2,950	0,000	66,760	1095,760	118521,660	-117425,900
2030+0,00	0,000	1,870	0,000	48,410	1095,760	118570,070	-117474,310
2031+0,00	0,000	2,800	0,000	46,740	1095,760	118616,810	-117521,050
2032+0,00	0,000	2,870	0,000	56,650	1095,760	118673,460	-117577,700
2033+0,00	0,000	2,890	0,000	57,530	1095,760	118730,990	-117635,230
2034+0,00	0,000	2,930	0,000	58,130	1095,760	118789,120	-117693,360
2035+0,00	0,000	2,930	0,000	58,600	1095,760	118847,720	-117751,960
2036+0,00	0,000	2,890	0,000	58,220	1095,760	118905,950	-117810,190
2037+0,00	0,000	2,940	0,000	58,280	1095,760	118964,230	-117868,470
2038+0,00	0,000	2,870	0,000	58,130	1095,760	119022,360	-117926,600

Osvaldo Leôncio da Silva
Diretor da Unidade de Projetos
Projetos e Obras - DEPRO
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)
2039+0,00	0,000	2,830	0,000	57,000	1095,760	119079,360	-117983,600
2040+0,00	0,000	3,050	0,000	58,760	1095,760	119138,120	-118042,360
2041+0,00	0,000	2,990	0,000	60,380	1095,760	119198,500	-118102,740
2042+0,00	0,000	2,660	0,000	56,520	1095,760	119255,020	-118159,260
2043+0,00	0,000	3,140	0,000	57,990	1095,760	119313,010	-118217,250
2044+0,00	0,000	3,520	0,000	66,570	1095,760	119379,580	-118283,820
2045+0,00	0,000	3,200	0,000	67,570	1095,760	119447,150	-118351,390
2046+0,00	0,000	1,930	0,000	51,360	1095,760	119498,500	-118402,740
2047+0,00	0,000	1,720	0,000	36,480	1095,760	119534,990	-118439,230
2048+0,00	0,000	2,790	0,000	45,170	1095,760	119580,150	-118484,390
2049+0,00	0,000	3,200	0,000	60,030	1095,760	119640,180	-118544,420
2050+0,00	0,000	3,090	0,000	62,860	1095,760	119703,040	-118607,280
2051+0,00	0,000	3,560	0,000	66,360	1095,760	119769,410	-118673,650
2052+0,00	0,000	2,870	0,000	64,280	1095,760	119833,690	-118737,930
2053+0,00	0,000	3,130	0,000	59,980	1095,760	119893,660	-118797,900
2054+0,00	0,000	3,890	0,000	70,140	1095,760	119963,800	-118868,040
2055+0,00	0,000	3,850	0,000	77,450	1095,760	120041,250	-118945,490
2056+0,00	0,000	3,600	0,000	74,570	1095,760	120115,820	-119020,060
2057+0,00	0,000	3,130	0,000	67,180	1095,760	120183,000	-119087,240
2058+0,00	0,000	3,320	0,000	64,780	1095,760	120247,780	-119152,020
2059+0,00	0,000	3,250	0,000	65,790	1095,760	120313,570	-119217,810
2060+0,00	0,000	3,560	0,000	67,560	1095,760	120381,120	-119285,360
2061+0,00	0,000	3,240	0,000	67,600	1095,760	120448,730	-119352,970
2062+0,00	0,000	3,190	0,000	63,910	1095,760	120512,640	-119416,880
2063+0,00	0,000	3,060	0,000	62,150	1095,760	120574,790	-119479,030
2064+0,00	0,000	3,320	0,000	63,910	1095,760	120638,700	-119542,940
2065+0,00	0,000	4,310	0,000	76,290	1095,760	120714,990	-119619,230
2066+0,00	0,000	2,880	0,000	71,890	1095,760	120786,880	-119691,120
2067+0,00	0,000	2,420	0,000	52,540	1095,760	120839,420	-119743,660
2068+0,00	0,000	2,550	0,000	50,360	1095,760	120889,780	-119794,020
2069+0,00	0,000	2,900	0,000	54,720	1095,760	120944,500	-119848,740
2070+0,00	0,000	3,030	0,000	60,510	1095,760	121005,010	-119909,250
2071+0,00	0,000	3,060	0,000	61,480	1095,760	121066,490	-119970,730
2072+0,00	0,000	2,500	0,000	55,550	1095,760	121122,040	-120026,280
2073+0,00	0,050	1,210	0,490	37,090	1096,260	121159,130	-120062,870
2074+0,00	0,000	2,840	0,490	40,520	1096,750	121199,650	-120102,900
2075+0,00	0,000	2,100	0,000	49,330	1096,750	121248,980	-120152,230
2076+0,00	0,000	0,230	0,040	23,160	1096,790	121272,130	-120175,340
2077+0,00	0,000	0,650	0,070	8,890	1096,860	121281,020	-120184,160
2078+0,00	0,000	1,420	0,030	20,710	1096,890	121301,730	-120204,840
2079+0,00	0,000	2,270	0,000	36,960	1096,890	121338,690	-120241,800
2080+0,00	0,000	2,490	0,000	47,750	1096,890	121386,440	-120289,550
2081+0,00	0,000	2,840	0,000	53,460	1096,890	121439,900	-120343,010
2082+0,00	0,000	2,680	0,000	55,010	1096,890	121494,910	-120398,020
2083+0,00	0,000	2,800	0,000	54,890	1096,890	121549,800	-120452,910
2084+0,00	0,000	3,030	0,000	58,280	1096,890	121608,090	-120511,200
2085+0,00	0,000	3,120	0,000	61,500	1096,890	121669,590	-120572,700
2086+0,00	0,000	2,950	0,000	60,590	1096,890	121730,180	-120633,290
2087+0,00	0,000	2,600	0,000	55,470	1096,890	121785,650	-120688,760
2088+0,00	0,000	3,160	0,000	57,870	1096,890	121843,520	-120746,630
2089+0,00	0,000	2,850	0,000	60,250	1096,890	121903,770	-120806,880
2090+0,00	0,000	2,860	0,000	57,000	1096,890	121960,760	-120863,870
2091+0,00	0,000	3,130	0,000	59,840	1096,890	122020,610	-120923,720
2092+0,00	0,000	3,210	0,000	63,420	1096,890	122084,030	-120987,140
2093+0,00	0,000	3,190	0,000	64,010	1096,890	122148,040	-121051,150
2094+0,00	0,000	1,550	0,000	47,410	1096,890	122195,450	-121098,560
2095+0,00	0,000	1,710	0,000	32,590	1096,890	122228,040	-121131,150
2096+0,00	0,000	3,160	0,000	48,730	1096,890	122276,770	-121179,880
2097+0,00	0,000	2,750	0,000	59,190	1096,890	122335,960	-121239,070
2098+0,00	0,000	2,790	0,000	55,400	1096,890	122391,360	-121294,470
2099+0,00	0,000	2,930	0,000	57,190	1096,890	122448,550	-121351,660
2100+0,00	0,000	3,080	0,000	60,240	1096,890	122508,790	-121411,900
2101+0,00	0,000	3,430	0,000	65,090	1096,890	122573,870	-121476,980
2102+0,00	0,000	3,390	0,000	68,160	1096,890	122642,040	-121545,150

Osvaldo Leôncio da Silv[illegible]
Diretor da Unidade de Prog[illegible]s
Projetos e Obras - UPPO
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)
2103+0,00	0,000	2,060	0,000	54,510	1096,890	122696,540	-121599,650
2104+0,00	0,000	2,840	0,000	48,990	1096,890	122745,530	-121648,640
2105+0,00	0,000	2,200	0,000	50,430	1096,890	122795,960	-121699,070
2106+0,00	0,000	3,370	0,000	55,680	1096,890	122851,640	-121754,750
2107+0,00	0,000	2,920	0,000	62,710	1096,890	122914,350	-121817,460
2108+0,00	0,000	2,890	0,000	58,020	1096,890	122972,370	-121875,480
2109+0,00	0,000	2,680	0,000	55,610	1096,890	123027,980	-121931,090
2110+0,00	0,000	2,660	0,000	53,420	1096,890	123081,400	-121984,510
2111+0,00	0,000	2,710	0,000	53,640	1096,890	123135,040	-122038,150
2112+0,00	0,000	2,790	0,000	55,060	1096,890	123190,100	-122093,210
2113+0,00	0,000	2,830	0,000	56,810	1096,890	123246,910	-122150,020
2114+0,00	0,000	3,000	0,000	60,010	1096,890	123306,920	-122210,030
2115+0,00	0,000	2,940	0,000	59,460	1096,890	123366,380	-122269,490
2116+0,00	0,000	3,050	0,000	59,850	1096,890	123426,230	-122329,340
2117+0,00	0,000	3,530	0,000	65,780	1096,890	123492,020	-122395,130
2118+0,00	0,000	4,510	0,000	80,440	1096,890	123572,460	-122475,570
2119+0,00	0,000	4,870	0,000	93,790	1096,890	123666,250	-122569,360
2120+0,00	0,000	3,280	0,000	81,380	1096,890	123747,640	-122650,750
2121+0,00	0,000	2,870	0,000	61,480	1096,890	123809,110	-122712,220
2122+0,00	0,000	1,720	0,000	45,840	1096,890	123854,960	-122758,070
2123+0,00	0,000	2,340	0,000	40,680	1096,890	123895,640	-122798,750
2124+0,00	0,000	2,370	0,000	47,110	1096,890	123942,740	-122845,850
2125+0,00	0,000	2,780	0,000	51,470	1096,890	123994,210	-122897,320
2126+0,00	0,000	2,960	0,000	57,420	1096,890	124051,630	-122954,740
2127+0,00	0,000	2,790	0,000	57,500	1096,890	124109,130	-123012,240
2128+0,00	0,000	2,760	0,000	55,360	1096,890	124164,490	-123067,600
2129+0,00	0,000	2,760	0,000	55,180	1096,890	124219,670	-123122,780
2130+0,00	0,000	2,720	0,000	54,820	1096,890	124274,490	-123177,600
2131+0,00	0,000	2,730	0,000	54,520	1096,890	124329,010	-123232,120
2132+0,00	0,000	2,320	0,000	50,380	1096,890	124379,390	-123282,500
2133+0,00	0,000	2,670	0,000	49,740	1096,890	124429,130	-123332,240
2134+0,00	0,000	3,490	0,000	61,860	1096,890	124490,990	-123394,100
2135+0,00	0,000	3,420	0,000	70,060	1096,890	124561,050	-123464,160
2136+0,00	0,000	3,130	0,000	65,700	1096,890	124626,750	-123529,860
2137+0,00	0,000	2,750	0,000	58,820	1096,890	124685,570	-123588,680
2138+0,00	0,000	2,840	0,000	55,720	1096,890	124741,290	-123644,400
2139+0,00	0,000	1,110	0,000	39,440	1096,890	124780,720	-123683,830
2140+0,00	0,000	2,730	0,000	38,640	1096,890	124819,360	-123722,470
2141+0,00	0,000	2,700	0,000	55,320	1096,890	124874,690	-123777,800
2142+0,00	0,000	2,870	0,000	55,790	1096,890	124930,480	-123833,590
2143+0,00	0,000	2,950	0,000	58,280	1096,890	124988,750	-123891,860
2144+0,00	0,000	2,880	0,000	58,560	1096,890	125047,310	-123950,420
2145+0,00	0,000	2,660	0,000	55,570	1096,890	125102,880	-124005,990
2146+0,00	0,000	2,610	0,000	52,720	1096,890	125155,600	-124058,710
2147+0,00	0,000	2,390	0,000	49,990	1096,890	125205,600	-124108,710
2148+0,00	0,000	2,760	0,000	51,500	1096,890	125257,100	-124160,210
2149+0,00	0,000	2,130	0,000	48,920	1096,890	125306,010	-124209,120
2150+0,00	0,000	2,320	0,000	44,630	1096,890	125350,640	-124253,750
2151+0,00	0,000	3,040	0,000	53,610	1096,890	125404,250	-124307,360
2152+0,00	0,000	3,920	0,000	69,560	1096,890	125473,810	-124376,920
2153+0,00	0,000	2,830	0,000	67,440	1096,890	125541,250	-124444,360
2154+0,00	0,000	3,170	0,000	59,980	1096,890	125601,240	-124504,350
2155+0,00	0,000	3,090	0,000	62,610	1096,890	125663,840	-124566,950
2156+0,00	0,000	2,830	0,000	59,250	1096,890	125723,100	-124626,210
2157+0,00	0,000	2,870	0,000	57,030	1096,890	125780,130	-124683,240
2158+0,00	0,000	2,960	0,000	58,360	1096,890	125838,490	-124741,600
2159+0,00	0,000	2,970	0,000	59,380	1096,890	125897,870	-124800,980
2160+0,00	0,000	2,910	0,000	58,820	1096,890	125956,680	-124859,790
2161+0,00	0,000	3,000	0,000	59,040	1096,890	126015,720	-124918,830
2162+0,00	0,000	3,590	0,000	65,880	1096,890	126081,600	-124984,710
2163+0,00	0,000	4,210	0,000	77,970	1096,890	126159,570	-125062,680
2164+0,00	0,000	3,400	0,000	76,070	1096,890	126235,630	-125138,740
2165+0,00	0,000	3,180	0,000	65,760	1096,890	126301,390	-125204,500
2166+0,00	0,000	3,010	0,000	61,970	1096,890	126363,360	-125266,470

Osvaldo Leôncio da Sil
Diretor da Unidade de Proj
Projetos e Obras - DIR
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)
2167+0,00	0,000	2,870	0,000	58,680	1096,890	126422,030	-125325,140
2168+0,00	0,000	2,900	0,000	57,740	1096,890	126479,770	-125382,880
2169+0,00	0,000	3,160	0,000	61,210	1096,890	126540,980	-125444,090
2170+0,00	0,000	2,890	0,000	60,540	1096,890	126601,520	-125504,630
2171+0,00	0,000	2,760	0,000	56,590	1096,890	126658,110	-125561,220
2172+0,00	0,000	2,930	0,000	56,990	1096,890	126715,100	-125618,210
2173+0,00	0,000	3,100	0,000	60,390	1096,890	126775,490	-125678,600
2174+0,00	0,000	3,400	0,000	64,890	1096,890	126840,380	-125743,490
2175+0,00	0,000	3,120	0,000	65,130	1096,890	126905,500	-125808,610
2176+0,00	0,000	3,120	0,000	62,170	1096,890	126967,680	-125870,790
2177+0,00	0,000	3,040	0,000	61,600	1096,890	127029,280	-125932,390
2178+0,00	0,000	2,900	0,000	59,290	1096,890	127088,570	-125991,680
2179+0,00	0,000	2,710	0,000	55,920	1096,890	127144,490	-126047,600
2180+0,00	0,000	2,900	0,000	56,060	1096,890	127200,550	-126103,660
2181+0,00	0,000	3,020	0,000	59,210	1096,890	127259,760	-126162,870
2182+0,00	0,000	3,440	0,000	64,400	1096,890	127324,160	-126227,270
2183+0,00	0,000	3,220	0,000	66,570	1096,890	127390,740	-126293,850
2184+0,00	0,000	3,090	0,000	63,010	1096,890	127453,740	-126356,850
2185+0,00	0,000	2,900	0,000	59,710	1096,890	127513,450	-126416,560
2186+0,00	0,000	3,050	0,000	59,550	1096,890	127573,000	-126476,110
2187+0,00	0,000	3,600	0,000	66,260	1096,890	127639,260	-126542,370
2188+0,00	0,000	3,210	0,000	67,740	1096,890	127707,000	-126610,110
2189+0,00	0,000	3,750	0,000	69,670	1096,890	127776,670	-126679,780
2190+0,00	0,000	2,950	0,000	67,490	1096,890	127844,150	-126747,260
2191+0,00	0,000	2,560	0,000	55,420	1096,890	127899,570	-126802,680
2192+0,00	0,000	2,780	0,000	53,930	1096,890	127953,500	-126856,610
2193+0,00	0,000	2,680	0,000	54,530	1096,890	128008,030	-126911,140
2194+0,00	0,000	2,810	0,000	54,930	1096,890	128062,960	-126966,070
2195+0,00	0,000	2,800	0,000	55,820	1096,890	128118,780	-127021,890
2196+0,00	0,000	2,690	0,000	54,720	1096,890	128173,500	-127076,610
2197+0,00	0,000	2,680	0,000	53,190	1096,890	128226,690	-127129,800
2198+0,00	0,000	3,100	0,000	57,260	1096,890	128283,950	-127187,060
2199+0,00	0,000	3,090	0,000	61,860	1096,890	128345,820	-127248,930
2200+0,00	0,000	3,210	0,000	62,970	1096,890	128408,790	-127311,900
2201+0,00	0,000	2,690	0,000	58,950	1096,890	128467,740	-127370,850
2202+0,00	0,010	1,930	0,090	46,170	1096,980	128513,910	-127416,930
2203+0,00	0,000	2,510	0,090	43,980	1097,060	128557,890	-127460,830
2204+0,00	0,000	2,880	0,000	53,280	1097,060	128611,170	-127514,110
2205+0,00	0,000	3,150	0,000	59,980	1097,060	128671,150	-127574,090
2206+0,00	0,000	3,310	0,000	64,600	1097,060	128735,750	-127638,690
2207+0,00	0,000	3,320	0,000	66,330	1097,060	128802,080	-127705,020
2208+0,00	0,000	3,340	0,000	66,650	1097,060	128868,730	-127771,670
2209+0,00	0,000	3,110	0,000	64,660	1097,060	128933,390	-127836,330
2210+0,00	0,000	2,910	0,000	60,350	1097,060	128993,750	-127896,690
2211+0,00	0,000	2,900	0,000	58,070	1097,060	129051,820	-127954,760
2212+0,00	0,000	2,990	0,000	59,020	1097,060	129110,840	-128013,780
2213+0,00	0,000	3,160	0,000	61,710	1097,060	129172,560	-128075,500
2214+0,00	0,000	2,890	0,000	60,490	1097,060	129233,040	-128135,980
2215+0,00	0,000	2,860	0,000	57,360	1097,060	129290,400	-128193,340
2216+0,00	0,000	2,870	0,000	57,230	1097,060	129347,630	-128250,570
2217+0,00	0,000	3,040	0,000	59,120	1097,060	129406,750	-128309,690
2218+0,00	0,000	2,870	0,000	59,250	1097,060	129466,000	-128368,940
2219+0,00	0,000	2,860	0,000	57,300	1097,060	129523,300	-128426,240
2220+0,00	0,000	2,810	0,000	56,720	1097,060	129580,020	-128482,960
2221+0,00	0,000	2,750	0,000	55,670	1097,060	129635,690	-128538,630
2222+0,00	0,000	2,890	0,000	56,570	1097,060	129692,270	-128595,210
2223+0,00	0,000	2,970	0,000	58,680	1097,060	129750,950	-128653,890
2224+0,00	0,000	2,800	0,000	57,760	1097,060	129808,700	-128711,640
2225+0,00	0,000	2,830	0,000	56,300	1097,060	129865,000	-128767,940
2226+0,00	0,000	2,860	0,000	56,950	1097,060	129921,950	-128824,890
2227+0,00	0,000	2,900	0,000	57,750	1097,060	129979,700	-128882,640
2228+0,00	0,000	2,960	0,000	58,650	1097,060	130038,350	-128941,290
2229+0,00	0,000	2,800	0,000	57,610	1097,060	130095,960	-128998,900
2230+0,00	0,000	2,920	0,000	57,220	1097,060	130153,180	-129056,120

Osvaldo Leôncio da Silv[illegible]ho
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Projetos e Obras - DUPPO
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)
2231+0,00	0,000	2,960	0,000	58,850	1097,060	130212,030	-129114,970
2232+0,00	0,000	2,950	0,000	59,120	1097,060	130271,160	-129174,100
2233+0,00	0,000	2,970	0,000	59,210	1097,060	130330,370	-129233,310
2234+0,00	0,000	2,910	0,000	58,830	1097,060	130389,200	-129292,140
2235+0,00	0,000	3,070	0,000	59,820	1097,060	130449,020	-129351,960
2236+0,00	0,000	3,440	0,000	65,020	1097,060	130514,040	-129416,980
2237+0,00	0,000	3,970	0,000	74,070	1097,060	130588,120	-129491,060
2238+0,00	0,000	3,520	0,000	74,910	1097,060	130663,030	-129565,970
2239+0,00	0,000	2,940	0,000	64,620	1097,060	130727,650	-129630,590
2240+0,00	0,000	3,190	0,000	61,350	1097,060	130788,990	-129691,930
2241+0,00	0,000	3,150	0,000	63,450	1097,060	130852,450	-129755,390
2242+0,00	0,000	2,880	0,000	60,430	1097,060	130912,880	-129815,820
2243+0,00	0,000	2,750	0,000	56,390	1097,060	130969,270	-129872,210
2244+0,00	0,000	2,810	0,000	55,610	1097,060	131024,880	-129927,820
2245+0,00	0,000	2,860	0,000	56,650	1097,060	131081,540	-129984,480
2246+0,00	0,000	2,850	0,000	57,140	1097,060	131138,670	-130041,610
2247+0,00	0,000	3,260	0,000	61,110	1097,060	131199,780	-130102,720
2248+0,00	0,000	4,220	0,000	74,800	1097,060	131274,580	-130177,520
2249+0,00	0,000	4,560	0,000	87,920	1097,060	131362,490	-130265,430
2250+0,00	0,000	3,810	0,000	83,690	1097,060	131446,180	-130349,120
2251+0,00	0,000	2,840	0,000	66,560	1097,060	131512,740	-130415,680
2252+0,00	0,000	2,800	0,000	56,370	1097,060	131569,110	-130472,050
2253+0,00	0,000	2,870	0,000	56,740	1097,060	131625,850	-130528,790
2254+0,00	0,000	2,760	0,000	56,210	1097,060	131682,050	-130584,990
2255+0,00	0,000	2,890	0,000	56,450	1097,060	131738,510	-130641,450
2256+0,00	0,000	2,190	0,000	50,690	1097,060	131789,200	-130692,140
2257+0,00	0,000	2,290	0,000	44,790	1097,060	131833,990	-130736,930
2258+0,00	0,000	2,660	0,000	49,450	1097,060	131883,440	-130786,380
2259+0,00	0,000	3,200	0,000	58,640	1097,060	131942,070	-130845,010
2260+0,00	0,000	2,860	0,000	60,630	1097,060	132002,710	-130905,650
2261+0,00	0,000	4,130	0,000	69,900	1097,060	132072,610	-130975,550
2262+0,00	0,000	4,650	0,000	87,830	1097,060	132160,440	-131063,380
2263+0,00	0,000	2,810	0,000	74,550	1097,060	132234,990	-131137,930
2264+0,00	0,000	3,240	0,000	60,460	1097,060	132295,450	-131198,390
2265+0,00	0,000	2,990	0,000	62,220	1097,060	132357,670	-131260,610
2266+0,00	0,000	3,030	0,000	60,310	1097,060	132417,980	-131320,920
2267+0,00	0,000	3,010	0,000	60,390	1097,060	132478,370	-131381,310
2268+0,00	0,000	3,220	0,000	62,440	1097,060	132540,800	-131443,740
2269+0,00	0,000	3,150	0,000	63,520	1097,060	132604,320	-131507,260
2270+0,00	0,000	3,070	0,000	61,590	1097,060	132665,910	-131568,850
2271+0,00	0,000	3,030	0,000	60,400	1097,060	132726,310	-131629,250
2272+0,00	0,000	2,970	0,000	59,920	1097,060	132786,230	-131689,170
2273+0,00	0,000	3,070	0,000	60,320	1097,060	132846,550	-131749,490
2274+0,00	0,000	2,810	0,000	58,890	1097,060	132905,440	-131808,380
2275+0,00	0,000	3,050	0,000	58,540	1097,060	132963,980	-131866,920
2276+0,00	0,000	2,910	0,000	59,530	1097,060	133023,510	-131926,450
2277+0,00	0,000	2,550	0,000	54,640	1097,060	133078,150	-131981,090
2278+0,00	0,000	2,010	0,000	45,760	1097,060	133123,900	-132026,840
2279+0,00	0,000	2,610	0,000	46,260	1097,060	133170,160	-132073,100
2280+0,00	0,000	2,930	0,000	55,590	1097,060	133225,750	-132128,690
2281+0,00	0,000	2,980	0,000	59,370	1097,060	133285,120	-132188,060
2282+0,00	0,000	3,030	0,000	60,330	1097,060	133345,450	-132248,390
2283+0,00	0,000	2,960	0,000	59,920	1097,060	133405,380	-132308,320
2284+0,00	0,000	2,950	0,000	59,080	1097,060	133464,460	-132367,400
2285+0,00	0,000	2,890	0,000	58,440	1097,060	133522,900	-132425,840
2286+0,00	0,000	3,030	0,000	59,160	1097,060	133582,060	-132485,000
2287+0,00	0,000	3,020	0,000	60,470	1097,060	133642,540	-132545,480
2288+0,00	0,000	2,910	0,000	59,330	1097,060	133701,870	-132604,810
2289+0,00	0,000	2,880	0,000	57,990	1097,060	133759,850	-132662,790
2290+0,00	0,000	2,800	0,000	56,850	1097,060	133816,710	-132719,650
2291+0,00	0,000	2,930	0,000	57,340	1097,060	133874,050	-132776,990
2292+0,00	0,000	2,930	0,000	58,730	1097,060	133932,770	-132835,710
2293+0,00	0,000	2,990	0,000	59,340	1097,060	133992,110	-132895,050
2294+0,00	0,000	2,920	0,000	59,160	1097,060	134051,280	-132954,220

Osvaldo Leôncio da Silv
Diretor da Unidade de Proj
Projetos e Obras - DUPP
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	0,000	2,930	0,000	58,590	1097,060	134109,870	-133012,810
2296+0,00	0,000	2,990	0,000	59,190	1097,060	134169,060	-133072,000
2297+0,00	0,000	2,960	0,000	59,540	1097,060	134228,600	-133131,540
2298+0,00	0,000	2,940	0,000	58,990	1097,060	134287,590	-133190,530
2299+0,00	0,000	2,790	0,000	57,410	1097,060	134345,000	-133247,940
2300+0,00	0,000	2,840	0,000	56,400	1097,060	134401,390	-133304,330
2301+0,00	0,000	2,980	0,000	58,240	1097,060	134459,630	-133362,570
2302+0,00	0,000	3,110	0,000	61,020	1097,060	134520,650	-133423,590
2303+0,00	0,000	2,860	0,000	59,540	1097,060	134580,190	-133483,130
2304+0,00	0,000	2,960	0,000	58,260	1097,060	134638,450	-133541,390
2305+0,00	0,000	2,380	0,000	53,540	1097,060	134691,990	-133594,930
2306+0,00	0,000	2,090	0,000	44,830	1097,060	134736,820	-133639,760
2307+0,00	0,000	2,820	0,000	49,630	1097,060	134786,440	-133689,380
2308+0,00	0,000	3,920	0,000	67,720	1097,060	134854,160	-133757,100
2309+0,00	0,000	3,020	0,000	69,860	1097,060	134924,020	-133826,960
2310+0,00	0,000	2,500	0,000	55,190	1097,060	134979,210	-133882,150
2311+0,00	0,000	2,800	0,000	53,140	1097,060	135032,350	-133935,290
2312+0,00	0,000	3,020	0,000	58,170	1097,060	135090,520	-133993,460
2313+0,00	0,000	3,040	0,000	60,690	1097,060	135151,200	-134054,140
2314+0,00	0,000	2,900	0,000	59,390	1097,060	135210,600	-134113,540
2315+0,00	0,000	3,850	0,000	67,440	1097,060	135278,030	-134180,970
2316+0,00	0,000	3,150	0,000	69,540	1097,060	135347,570	-134250,510
2317+0,00	0,000	2,410	0,000	54,310	1097,060	135401,880	-134304,820
2318+0,00	0,000	3,140	0,000	54,380	1097,060	135456,260	-134359,200
2319+0,00	0,000	2,870	0,000	60,000	1097,060	135516,260	-134419,200
2320+0,00	0,000	3,170	0,000	60,630	1097,060	135576,900	-134479,840
2321+0,00	0,000	3,330	0,000	65,030	1097,060	135641,930	-134544,870
2322+0,00	0,000	2,870	0,000	61,910	1097,060	135703,850	-134606,790
2323+0,00	0,000	2,840	0,000	57,120	1097,060	135760,960	-134663,900
2324+0,00	0,000	2,850	0,000	57,060	1097,060	135818,020	-134720,960
2325+0,00	0,000	2,740	0,000	56,100	1097,060	135874,120	-134777,060
2326+0,00	0,000	2,650	0,000	53,770	1097,060	135927,880	-134830,820
2327+0,00	0,000	2,570	0,000	52,190	1097,060	135980,070	-134883,010
2328+0,00	0,000	3,040	0,000	56,050	1097,060	136036,120	-134939,060
2329+0,00	0,000	2,880	0,000	60,360	1097,060	136096,480	-134999,420
2330+0,00	0,000	3,520	0,000	64,990	1097,060	136161,480	-135064,420
2331+0,00	0,000	2,990	0,000	65,330	1097,060	136226,810	-135129,750
2332+0,00	0,000	2,960	0,000	59,320	1097,060	136286,130	-135189,070
2333+0,00	0,000	3,130	0,000	60,890	1097,060	136347,030	-135249,970
2334+0,00	0,000	3,310	0,000	64,420	1097,060	136411,450	-135314,390
2335+0,00	0,000	2,930	0,000	62,390	1097,060	136473,830	-135376,770
2336+0,00	0,000	2,520	0,000	54,330	1097,060	136528,160	-135431,100
2337+0,00	0,000	2,720	0,000	52,350	1097,060	136580,510	-135483,450
2338+0,00	0,000	2,930	0,000	56,470	1097,060	136636,980	-135539,920
2339+0,00	0,000	2,890	0,000	58,210	1097,060	136695,190	-135598,130
2340+0,00	0,000	2,870	0,000	57,580	1097,060	136752,780	-135655,720
2341+0,00	0,000	2,830	0,000	56,940	1097,060	136809,720	-135712,660
2342+0,00	0,000	2,800	0,000	56,120	1097,060	136865,830	-135768,770
2343+0,00	0,050	0,720	0,460	35,270	1097,530	136901,100	-135803,570
2344+0,00	0,000	0,770	0,480	14,960	1098,000	136916,060	-135818,060
2345+0,00	0,000	2,230	0,010	30,040	1098,010	136946,100	-135848,090
2346+0,00	0,000	2,590	0,000	48,190	1098,010	136994,290	-135896,280
2347+0,00	0,000	2,870	0,000	54,560	1098,010	137048,850	-135950,840
2348+0,00	0,000	2,890	0,000	57,610	1098,010	137106,460	-136008,450
2349+0,00	0,000	2,910	0,000	57,910	1098,010	137164,370	-136066,360
2350+0,00	0,000	2,920	0,000	58,330	1098,010	137222,700	-136124,690
2351+0,00	0,000	3,040	0,000	59,950	1098,010	137282,640	-136184,630
2352+0,00	0,000	3,150	0,000	62,080	1098,010	137344,730	-136246,720
2353+0,00	0,000	3,090	0,000	62,370	1098,010	137407,100	-136309,090
2354+0,00	0,000	2,800	0,000	58,950	1098,010	137466,060	-136368,050
2355+0,00	0,000	2,980	0,000	57,850	1098,010	137523,910	-136425,900
2356+0,00	0,000	3,130	0,000	61,210	1098,010	137585,120	-136487,110
2357+0,00	0,000	2,670	0,000	58,010	1098,010	137643,130	-136545,120
2358+0,00	0,000	2,890	0,000	55,210	1098,010	137698,330	-136600,320

Osvaldo Leôncio da Silv[illegible]o
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Projetos e Obras - DUPRO
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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)
2359+0,00	0,000	2,860	0,000	57,600	1098,010	137755,930	-136657,920
2360+0,00	0,000	2,310	0,000	51,690	1098,010	137807,610	-136709,600
2361+0,00	0,000	2,930	0,000	52,360	1098,010	137859,970	-136761,960
2362+0,00	0,000	2,960	0,000	58,900	1098,010	137918,870	-136820,860
2363+0,00	0,000	2,590	0,000	55,480	1098,010	137974,350	-136876,340
2364+0,00	0,000	1,690	0,000	42,720	1098,010	138017,070	-136919,060
2365+0,00	0,000	2,240	0,000	39,220	1098,010	138056,280	-136958,270
2366+0,00	0,000	1,930	0,000	41,640	1098,010	138097,920	-136999,910
2367+0,00	0,010	0,980	0,120	29,090	1098,130	138127,010	-137028,880
2368+0,00	0,000	1,810	0,120	27,880	1098,250	138154,900	-137056,650
2369+0,00	0,000	2,340	0,000	41,450	1098,250	138196,350	-137098,100
2370+0,00	0,000	2,890	0,000	52,330	1098,250	138248,680	-137150,430
2371+0,00	0,000	2,830	0,000	57,220	1098,250	138305,900	-137207,650
2372+0,00	0,000	3,300	0,000	61,340	1098,250	138367,230	-137268,980
2373+0,00	0,000	3,220	0,000	65,190	1098,250	138432,430	-137334,180
2374+0,00	0,000	2,670	0,000	58,710	1098,250	138491,140	-137392,890
2375+0,00	0,000	2,850	0,000	55,100	1098,250	138546,240	-137447,990
2376+0,00	0,000	2,900	0,000	57,270	1098,250	138603,510	-137505,260
2377+0,00	0,000	2,910	0,000	58,540	1098,250	138662,040	-137563,790
2378+0,00	0,000	2,970	0,000	58,850	1098,250	138720,890	-137622,640
2379+0,00	0,000	3,270	0,000	62,590	1098,250	138783,480	-137685,230
2380+0,00	0,000	4,030	0,000	73,010	1098,250	138856,480	-137758,230
2381+0,00	0,000	3,180	0,000	72,100	1098,250	138928,580	-137830,330
2382+0,00	0,000	2,940	0,000	60,170	1098,250	138988,750	-137890,500
2383+0,00	0,000	3,460	0,000	63,990	1098,250	139052,740	-137954,490
2384+0,00	0,000	2,890	0,000	63,540	1098,250	139116,280	-138018,030
2385+0,00	0,000	3,050	0,000	59,570	1098,250	139175,850	-138077,600
2386+0,00	0,010	2,910	0,130	60,980	1098,380	139236,830	-138138,450
2387+0,00	0,010	3,030	0,240	59,790	1098,620	139296,620	-138198,000
2388+0,00	0,000	2,860	0,140	57,770	1098,760	139354,400	-138255,640
2389+0,00	0,000	2,790	0,050	56,360	1098,810	139410,760	-138311,950
2390+0,00	0,000	2,670	0,050	54,710	1098,850	139465,470	-138366,620
2391+0,00	0,000	2,080	0,020	47,060	1098,870	139512,530	-138413,660
2392+0,00	0,000	3,020	0,000	50,680	1098,870	139563,210	-138464,340
2393+0,00	0,000	2,690	0,000	56,730	1098,870	139619,940	-138521,070
2394+0,00	0,000	3,210	0,000	58,800	1098,870	139678,740	-138579,870
2395+0,00	0,000	3,190	0,000	63,480	1098,870	139742,230	-138643,360
2396+0,00	0,000	3,570	0,000	67,290	1098,870	139809,520	-138710,650
2397+0,00	0,000	3,210	0,000	67,790	1098,870	139877,310	-138778,440
2398+0,00	0,000	3,230	0,000	64,340	1098,870	139941,650	-138842,780
2399+0,00	0,000	2,830	0,000	60,550	1098,870	140002,200	-138903,330
2400+0,00	0,000	2,830	0,000	57,010	1098,870	140059,210	-138960,340
2401+0,00	0,000	3,180	0,000	60,280	1098,870	140119,490	-139020,620
2402+0,00	0,000	3,140	0,000	63,290	1098,870	140182,780	-139083,910
2403+0,00	0,000	2,970	0,000	61,410	1098,870	140244,190	-139145,320
2404+0,00	0,000	2,840	0,000	58,430	1098,870	140302,620	-139203,750
2405+0,00	0,000	2,730	0,000	55,820	1098,870	140358,440	-139259,570
2406+0,00	0,000	2,540	0,000	52,700	1098,870	140411,140	-139312,270
2407+0,00	0,000	2,250	0,000	47,900	1098,870	140459,050	-139360,180
2408+0,00	0,000	1,880	0,000	41,330	1098,870	140500,380	-139401,510
2409+0,00	0,000	1,530	0,000	34,160	1098,870	140534,530	-139435,660
2410+0,00	0,000	1,100	0,000	26,380	1098,870	140560,910	-139462,040
2411+0,00	0,000	1,320	0,000	24,170	1098,870	140585,080	-139486,210
2412+0,00	0,000	1,710	0,000	30,350	1098,870	140615,430	-139516,560
2413+0,00	0,000	2,850	0,000	45,600	1098,870	140661,030	-139562,160
2414+0,00	0,000	2,940	0,000	58,100	1098,870	140719,130	-139620,260
2415+0,00	0,000	2,740	0,000	56,540	1098,870	140775,670	-139676,800
2416+0,00	0,000	3,080	0,000	58,260	1098,870	140833,920	-139735,050
2417+0,00	0,000	2,670	0,000	57,480	1098,870	140891,400	-139792,530
2418+0,00	0,000	2,880	0,000	55,550	1098,870	140946,950	-139848,080
2419+0,00	0,000	2,420	0,000	53,030	1098,870	140999,980	-139901,110
2420+0,00	0,000	2,630	0,000	50,540	1098,870	141050,530	-139951,660
2421+0,00	0,000	3,010	0,000	56,320	1098,870	141106,840	-140007,970
2422+0,00	0,000	2,410	0,000	54,180	1098,870	141161,020	-140062,150

Osvaldo Leôncio 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)
2423+0,00	0,000	1,460	0,000	38,690	1098,870	141199,710	-140100,840
2424+0,00	0,000	1,630	0,000	30,820	1098,870	141230,530	-140131,660
2425+0,00	0,000	3,120	0,000	47,470	1098,870	141278,000	-140179,130
2426+0,00	0,000	1,960	0,000	50,760	1098,870	141328,760	-140229,890
2427+0,00	0,000	2,700	0,000	46,510	1098,870	141375,270	-140276,400
2428+0,00	0,000	1,530	0,000	42,180	1098,870	141417,450	-140318,580
2429+0,00	0,000	2,130	0,000	36,590	1098,870	141454,040	-140355,170
2430+0,00	0,000	3,060	0,000	51,920	1098,870	141505,960	-140407,090
2431+0,00	0,000	3,290	0,000	63,370	1098,870	141569,330	-140470,460
2432+0,00	0,000	3,010	0,000	62,970	1098,870	141632,300	-140533,430
2433+0,00	0,000	3,110	0,000	61,150	1098,870	141693,460	-140594,590
2434+0,00	0,000	3,210	0,000	63,150	1098,870	141756,610	-140657,740
2435+0,00	0,000	3,100	0,000	64,210	1098,870	141820,820	-140721,950
2436+0,00	0,000	3,110	0,000	62,000	1098,870	141882,820	-140783,950
2437+0,00	0,000	3,150	0,000	61,660	1098,870	141944,480	-140845,610
2438+0,00	0,000	2,920	0,000	61,240	1098,870	142005,720	-140906,850
2439+0,00	0,000	2,330	0,020	52,720	1098,890	142058,440	-140959,550
2440+0,00	0,000	2,640	0,020	49,900	1098,910	142108,340	-141009,430
2441+0,00	0,000	1,840	0,010	45,150	1098,920	142153,490	-141054,570
2442+0,00	0,000	2,700	0,010	45,660	1098,930	142199,150	-141100,220
2443+0,00	0,000	2,760	0,000	54,630	1098,930	142253,780	-141154,850
2444+0,00	0,000	2,770	0,000	55,310	1098,930	142309,090	-141210,160
2445+0,00	0,000	2,860	0,000	56,360	1098,930	142365,440	-141266,510
2446+0,00	0,000	2,860	0,000	57,330	1098,930	142422,780	-141323,850
2447+0,00	0,000	2,940	0,000	58,040	1098,930	142480,820	-141381,890
2448+0,00	0,000	2,990	0,000	59,320	1098,930	142540,140	-141441,210
2449+0,00	0,000	3,040	0,000	60,160	1098,930	142600,300	-141501,370
2450+0,00	0,000	3,010	0,000	60,480	1098,930	142660,780	-141561,850
2451+0,00	0,000	3,050	0,000	60,600	1098,930	142721,380	-141622,450
2452+0,00	0,000	3,070	0,000	61,240	1098,930	142782,630	-141683,700
2453+0,00	0,000	3,310	0,000	63,730	1098,930	142846,360	-141747,430
2454+0,00	0,000	3,620	0,000	69,190	1098,930	142915,550	-141816,620
2455+0,00	0,000	4,130	0,000	77,420	1098,930	142992,970	-141894,040
2456+0,00	0,000	4,800	0,000	89,350	1098,930	143082,330	-141983,400
2457+0,00	0,000	5,260	0,000	100,680	1098,930	143183,000	-142084,070
2458+0,00	0,000	5,390	0,000	106,490	1098,930	143289,490	-142190,560
2459+0,00	0,000	5,600	0,000	109,970	1098,930	143399,460	-142300,530
2460+0,00	0,000	5,310	0,000	109,170	1098,930	143508,640	-142409,710
2461+0,00	0,000	4,570	0,000	99,050	1098,930	143607,690	-142508,760
2462+0,00	0,000	3,830	0,000	84,070	1098,930	143691,770	-142592,840
2463+0,00	0,000	3,250	0,000	70,870	1098,930	143762,640	-142663,710
2464+0,00	0,000	3,310	0,000	65,620	1098,930	143828,260	-142729,330
2465+0,00	0,000	3,410	0,000	67,260	1098,930	143895,520	-142796,590
2466+0,00	0,000	3,080	0,000	64,830	1098,930	143960,350	-142861,420
2467+0,00	0,000	2,980	0,000	60,600	1098,930	144020,950	-142922,020
2468+0,00	0,000	3,010	0,000	59,800	1098,930	144080,750	-142981,820
2469+0,00	0,000	3,020	0,000	60,260	1098,930	144141,010	-143042,080
2470+0,00	0,000	2,990	0,000	60,490	1098,930	144201,500	-143102,570
2471+0,00	0,000	3,040	0,000	60,000	1098,930	144261,490	-143162,560
2472+0,00	0,000	3,530	0,000	65,670	1098,930	144327,170	-143228,240
2473+0,00	0,000	3,840	0,000	73,690	1098,930	144400,850	-143301,920
2474+0,00	0,000	3,030	0,000	68,690	1098,930	144469,540	-143370,610
2475+0,00	0,000	3,030	0,000	60,740	1098,930	144530,280	-143431,350
2476+0,00	0,000	2,790	0,000	58,230	1098,930	144588,510	-143489,580
2477+0,00	0,000	2,080	0,000	48,770	1098,930	144637,270	-143538,340
2478+0,00	0,000	2,310	0,000	43,920	1098,930	144681,190	-143582,260
2479+0,00	0,000	3,010	0,000	53,090	1098,930	144734,280	-143635,350
2480+0,00	0,000	2,730	0,000	57,420	1098,930	144791,700	-143692,770
2481+0,00	0,000	1,860	0,000	45,940	1098,930	144837,640	-143738,710
2482+0,00	0,000	2,790	0,000	46,550	1098,930	144884,200	-143785,270
2483+0,00	0,000	2,940	0,000	57,340	1098,930	144941,540	-143842,610
2484+0,00	0,000	2,760	0,000	56,980	1098,930	144998,520	-143899,590
2485+0,00	0,000	2,290	0,000	50,500	1098,930	145049,020	-143950,090
2486+0,00	0,000	1,800	0,000	40,950	1098,930	145089,970	-143991,040

Osvaldo Leôncio da Silva [illegible]
Diretor da Unidade de Programas
Projetos e Obras - SUPPO
Secretaria das Cidades (Sociedade)

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	1,240	0,000	30,440	1098,930	145120,410	-144021,480
2488+0,00	0,000	1,160	0,000	23,960	1098,930	145144,370	-144045,440
2489+0,00	0,000	1,880	0,000	30,370	1098,930	145174,740	-144075,810
2490+0,00	0,000	2,880	0,000	47,640	1098,930	145222,380	-144123,450
2491+0,00	0,000	2,470	0,000	53,520	1098,930	145275,900	-144176,970
2492+0,00	0,000	3,090	0,000	56,810	1098,930	145332,700	-144233,770
2493+0,00	0,000	3,070	0,000	61,780	1098,930	145394,480	-144295,550
2494+0,00	0,000	3,250	0,000	63,200	1098,930	145457,690	-144358,760
2495+0,00	0,000	3,160	0,000	64,150	1098,930	145521,830	-144422,900
2496+0,00	0,000	2,940	0,000	60,490	1098,930	145582,320	-144483,390
2497+0,00	0,000	2,810	0,000	57,550	1098,930	145639,870	-144540,940
2498+0,00	0,000	2,670	0,000	54,410	1098,930	145694,280	-144595,350
2499+0,00	0,000	2,970	0,000	56,450	1098,930	145750,720	-144651,790
2500+0,00	0,000	2,800	0,000	57,720	1098,930	145808,440	-144709,510
2501+0,00	0,000	3,160	0,000	59,280	1098,930	145867,720	-144768,790
2502+0,00	0,000	2,910	0,000	60,540	1098,930	145928,260	-144829,330
2503+0,00	0,000	2,730	0,000	56,380	1098,930	145984,640	-144885,710
2504+0,00	0,000	2,490	0,000	52,020	1098,930	146036,660	-144937,730
2505+0,00	0,000	2,490	0,000	49,520	1098,930	146086,180	-144987,250
2506+0,00	0,000	2,780	0,000	52,370	1098,930	146138,550	-145039,620
2507+0,00	0,000	3,070	0,000	58,440	1098,930	146196,990	-145098,060
2508+0,00	0,000	3,040	0,000	61,100	1098,930	146258,090	-145159,160
2509+0,00	0,000	3,170	0,000	62,140	1098,930	146320,230	-145221,300
2510+0,00	0,000	3,240	0,000	63,870	1098,930	146384,090	-145285,160
2511+0,00	0,000	3,240	0,000	62,880	1098,930	146446,970	-145348,040
2512+0,00	0,000	3,060	0,000	62,310	1098,930	146509,280	-145410,350
2513+0,00	0,000	2,520	0,000	55,890	1098,930	146565,170	-145466,240
2514+0,00	0,050	1,500	0,510	40,210	1099,440	146605,390	-145505,950
2515+0,00	0,000	2,720	0,510	42,210	1099,950	146647,600	-145547,650
2516+0,00	0,000	3,000	0,000	57,330	1099,950	146704,930	-145604,980
2517+0,00	0,000	2,730	0,000	57,340	1099,950	146762,270	-145662,320
2518+0,00	0,000	2,480	0,000	52,130	1099,950	146814,400	-145714,450
2519+0,00	0,000	2,810	0,000	52,910	1099,950	146867,310	-145767,360
2520+0,00	0,000	2,870	0,000	56,990	1099,950	146924,300	-145824,350
2521+0,00	0,000	2,810	0,000	56,830	1099,950	146981,130	-145881,180
2522+0,00	0,000	2,520	0,000	53,520	1099,950	147034,650	-145934,700
2523+0,00	0,000	3,030	0,000	55,620	1099,950	147090,280	-145990,330
2524+0,00	0,000	3,030	0,000	60,600	1099,950	147150,880	-146050,930
2525+0,00	0,000	3,070	0,000	61,010	1099,950	147211,880	-146111,930
2526+0,00	0,000	3,000	0,000	60,720	1099,950	147272,600	-146172,650
2527+0,00	0,000	2,560	0,000	55,560	1099,950	147328,160	-146228,210
2528+0,00	0,000	1,850	0,000	44,120	1099,950	147372,280	-146272,330
2529+0,00	0,000	2,060	0,000	39,100	1099,950	147411,380	-146311,430
2530+0,00	0,000	2,410	0,000	44,650	1099,950	147456,030	-146356,080
2531+0,00	0,000	2,680	0,000	50,930	1099,950	147506,950	-146407,000
2532+0,00	0,000	2,160	0,000	48,410	1099,950	147555,360	-146455,410
2533+0,00	0,000	2,570	0,000	47,240	1099,950	147602,600	-146502,650
2534+0,00	0,000	2,260	0,000	48,280	1099,950	147650,880	-146550,930
2535+0,00	0,000	2,610	0,000	48,690	1099,950	147699,560	-146599,610
2536+0,00	0,000	2,880	0,000	54,840	1099,950	147754,400	-146654,450
2537+0,00	0,000	2,820	0,000	56,920	1099,950	147811,330	-146711,380
2538+0,00	0,000	2,420	0,000	52,310	1099,950	147863,640	-146763,690
2539+0,00	0,000	2,290	0,000	47,010	1099,950	147910,650	-146810,700
2540+0,00	0,000	2,970	0,000	52,600	1099,950	147963,240	-146863,290
2541+0,00	0,000	3,260	0,000	62,320	1099,950	148025,560	-146925,610
2542+0,00	0,000	3,510	0,000	67,660	1099,950	148093,220	-146993,270
2543+0,00	0,000	3,100	0,000	66,120	1099,950	148159,340	-147059,390
2544+0,00	0,000	2,590	0,000	56,900	1099,950	148216,240	-147116,290
2545+0,00	0,000	2,910	0,000	54,900	1099,950	148271,140	-147171,190
2546+0,00	0,000	2,970	0,000	58,820	1099,950	148329,960	-147230,010
2547+0,00	0,000	2,950	0,000	59,260	1099,950	148389,220	-147289,270
2548+0,00	0,000	3,200	0,000	61,240	1099,950	148450,460	-147350,510
2549+0,00	0,000	3,160	0,000	64,010	1099,950	148514,470	-147414,520
2550+0,00	0,000	3,000	0,000	61,740	1099,950	148576,210	-147476,260

Osvaldo Leôncio da Si[illegible]
Diretor da Unidade de Prog[illegible]s
Projetos e Obras - DIPRO
Secretaria das Cidades (Sec[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)
2551+0,00	0,000	2,890	0,000	58,860	1099,950	148635,070	-147535,120
2552+0,00	0,000	2,890	0,000	57,750	1099,950	148692,820	-147592,870
2553+0,00	0,000	2,880	0,000	57,720	1099,950	148750,540	-147650,590
2554+0,00	0,000	2,900	0,000	57,760	1099,950	148808,300	-147708,350
2555+0,00	0,000	2,900	0,000	57,980	1099,950	148866,280	-147766,330
2556+0,00	0,000	2,880	0,000	57,840	1099,950	148924,130	-147824,180
2557+0,00	0,000	2,910	0,000	57,910	1099,950	148982,040	-147882,090
2558+0,00	0,000	2,850	0,000	57,570	1099,950	149039,610	-147939,660
2559+0,00	0,000	2,970	0,000	58,340	1099,950	149097,950	-147998,000
2560+0,00	0,000	2,910	0,000	58,860	1099,950	149156,810	-148056,860
2561+0,00	0,000	2,920	0,000	58,310	1099,950	149215,120	-148115,170
2562+0,00	0,000	3,180	0,000	61,020	1099,950	149276,140	-148176,190
2563+0,00	0,000	3,010	0,000	61,980	1099,950	149338,130	-148238,180
2564+0,00	0,000	2,510	0,000	55,230	1099,950	149393,360	-148293,410
2565+0,00	0,000	2,590	0,000	51,030	1099,950	149444,380	-148344,430
2566+0,00	0,000	2,870	0,000	54,550	1099,950	149498,940	-148398,990
2567+0,00	0,000	2,600	0,000	54,640	1099,950	149553,580	-148453,630
2568+0,00	0,000	2,310	0,000	49,050	1099,950	149602,630	-148502,680
2569+0,00	0,000	2,650	0,000	49,610	1099,950	149652,240	-148552,290
2570+0,00	0,000	2,810	0,000	54,590	1099,950	149706,830	-148606,880
2571+0,00	0,000	2,870	0,000	56,810	1099,950	149763,640	-148663,690
2572+0,00	0,000	3,030	0,000	58,960	1099,950	149822,600	-148722,650
2573+0,00	0,000	3,010	0,000	60,390	1099,950	149882,990	-148783,040
2574+0,00	0,000	2,560	0,000	55,740	1099,950	149938,720	-148838,770
2575+0,00	0,000	2,980	0,000	55,420	1099,950	149994,140	-148894,190
2576+0,00	0,000	2,780	0,000	57,690	1099,950	150051,830	-148951,880
2577+0,00	0,000	3,120	0,000	58,960	1099,950	150110,790	-149010,840
2578+0,00	0,000	2,960	0,000	60,740	1099,950	150171,530	-149071,580
2579+0,00	0,000	2,870	0,000	58,240	1099,950	150229,770	-149129,820
2580+0,00	0,000	3,000	0,000	58,770	1099,950	150288,540	-149188,590
2581+0,00	0,000	4,010	0,000	70,180	1099,950	150358,720	-149258,770
2582+0,00	0,000	3,570	0,000	75,650	1099,950	150434,370	-149334,420
2583+0,00	0,000	3,510	0,000	70,670	1099,950	150505,040	-149405,090
2584+0,00	0,000	3,010	0,000	65,220	1099,950	150570,260	-149470,310
2585+0,00	0,000	3,170	0,000	62,050	1099,950	150632,310	-149532,360
2586+0,00	0,000	2,910	0,000	60,800	1099,950	150693,110	-149593,160
2587+0,00	0,000	2,970	0,000	58,860	1099,950	150751,970	-149652,020
2588+0,00	0,000	2,920	0,000	58,960	1099,950	150810,940	-149710,990
2589+0,00	0,000	2,810	0,000	57,350	1099,950	150868,290	-149768,340
2590+0,00	0,000	2,920	0,000	57,400	1099,950	150925,690	-149825,740
2591+0,00	0,000	3,160	0,000	60,760	1099,950	150986,450	-149886,500
2592+0,00	0,000	3,190	0,000	63,560	1099,950	151050,010	-149950,060
2593+0,00	0,000	2,900	0,000	60,870	1099,950	151110,880	-150010,930
2594+0,00	0,000	2,550	0,000	54,520	1099,950	151165,410	-150065,460
2595+0,00	0,000	2,970	0,000	55,220	1099,950	151220,630	-150120,680
2596+0,00	0,000	2,990	0,000	59,560	1099,950	151280,190	-150180,240
2597+0,00	0,000	2,880	0,000	58,610	1099,950	151338,800	-150238,850
2598+0,00	0,000	2,720	0,000	55,810	1099,950	151394,610	-150294,660
2599+0,00	0,000	2,530	0,000	52,500	1099,950	151447,100	-150347,150
2600+0,00	0,000	2,750	0,000	52,910	1099,950	151500,010	-150400,060
2601+0,00	0,000	2,790	0,000	55,410	1099,950	151555,420	-150455,470
2602+0,00	0,000	2,890	0,000	56,840	1099,950	151612,260	-150512,310
2603+0,00	0,000	3,170	0,000	60,660	1099,950	151672,910	-150572,960
2604+0,00	0,000	3,660	0,000	68,350	1099,950	151741,260	-150641,310
2605+0,00	0,000	3,390	0,000	70,560	1099,950	151811,820	-150711,870
2606+0,00	0,000	3,050	0,000	64,490	1099,950	151876,310	-150776,360
2607+0,00	0,000	2,870	0,000	59,210	1099,950	151935,520	-150835,570
2608+0,00	0,000	2,410	0,000	52,800	1099,950	151988,310	-150888,360
2609+0,00	0,000	2,840	0,000	52,500	1099,950	152040,810	-150940,860
2610+0,00	0,000	2,410	0,000	52,460	1099,950	152093,270	-150993,320
2611+0,00	0,000	2,720	0,000	51,230	1099,950	152144,500	-151044,550
2612+0,00	0,000	2,880	0,000	55,940	1099,950	152200,440	-151100,490
2613+0,00	0,000	2,900	0,000	57,770	1099,950	152258,210	-151158,260
2614+0,00	0,000	2,940	0,000	58,410	1099,950	152316,620	-151216,670

Osvaldo Leôncio da Silveira Filho
Diretor da Unidade de Projetos
Projetos e Obras - DUPRO
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)
2615+0,00	0,000	3,010	0,000	59,510	1099,950	152376,140	-151276,190
2616+0,00	0,000	2,980	0,000	59,940	1099,950	152436,080	-151336,130
2617+0,00	0,000	2,970	0,000	59,520	1099,950	152495,610	-151395,660
2618+0,00	0,000	2,930	0,000	58,970	1099,950	152554,570	-151454,620
2619+0,00	0,000	2,880	0,000	58,100	1099,950	152612,670	-151512,720
2620+0,00	0,000	3,050	0,000	59,350	1099,950	152672,020	-151572,070
2621+0,00	0,000	2,890	0,000	59,410	1099,950	152731,430	-151631,480
2622+0,00	0,000	2,720	0,000	56,070	1099,950	152787,510	-151687,560
2623+0,00	0,000	2,640	0,000	53,550	1099,950	152841,060	-151741,110
2624+0,00	0,000	3,180	0,000	58,130	1099,950	152899,190	-151799,240
2625+0,00	0,000	2,870	0,000	60,460	1099,950	152959,640	-151859,690
2626+0,00	0,000	3,390	0,000	62,600	1099,950	153022,240	-151922,290
2627+0,00	0,000	3,240	0,000	66,270	1099,950	153088,520	-151988,570
2628+0,00	0,000	2,590	0,000	58,260	1099,950	153146,780	-152046,830
2629+0,00	0,000	1,780	0,000	43,680	1099,950	153190,460	-152090,510
2630+0,00	0,000	1,160	0,040	29,410	1099,990	153219,870	-152119,880
2631+0,00	0,000	1,510	0,040	26,690	1100,030	153246,560	-152146,530
2632+0,00	0,000	2,840	0,000	42,970	1100,030	153289,530	-152189,500
2633+0,00	0,000	2,760	0,000	56,080	1100,030	153345,610	-152245,580
2634+0,00	0,000	2,600	0,000	54,050	1100,030	153399,650	-152299,620
2635+0,00	0,000	2,410	0,000	50,090	1100,030	153449,750	-152349,720
2636+0,00	0,000	2,740	0,000	51,460	1100,030	153501,210	-152401,180
2637+0,00	0,000	2,860	0,000	56,010	1100,030	153557,220	-152457,190
2638+0,00	0,000	2,800	0,000	56,850	1100,030	153614,070	-152514,040
2639+0,00	0,010	2,160	0,090	49,230	1100,120	153663,290	-152563,170
2640+0,00	0,000	3,060	0,090	51,180	1100,210	153714,470	-152614,260
2641+0,00	0,000	2,880	0,000	59,050	1100,210	153773,520	-152673,310
2642+0,00	0,000	3,110	0,000	60,760	1100,210	153834,280	-152734,070
2643+0,00	0,000	3,130	0,000	62,410	1100,210	153896,700	-152796,490
2644+0,00	0,000	3,260	0,000	63,950	1100,210	153960,650	-152860,440
2645+0,00	0,000	2,950	0,000	61,980	1100,210	154022,630	-152922,420
2646+0,00	0,000	2,170	0,000	51,110	1100,210	154073,740	-152973,530
2647+0,00	0,000	2,400	0,000	45,660	1100,210	154119,400	-153019,190
2648+0,00	0,000	2,930	0,000	53,260	1100,210	154172,660	-153072,450
2649+0,00	0,000	2,990	0,000	59,270	1100,210	154231,940	-153131,730
2650+0,00	0,000	3,050	0,000	60,320	1100,210	154292,260	-153192,050
2651+0,00	0,000	2,680	0,000	57,390	1100,210	154349,650	-153249,440
2652+0,00	0,000	2,630	0,000	53,070	1100,210	154402,720	-153302,510
2653+0,00	0,000	3,050	0,000	56,720	1100,210	154459,440	-153359,230
2654+0,00	0,000	2,450	0,000	55,000	1100,210	154514,440	-153414,230
2655+0,00	0,000	2,790	0,000	52,390	1100,210	154566,830	-153466,620
2656+0,00	0,000	4,210	0,000	70,030	1100,210	154636,860	-153536,650
2657+0,00	0,000	5,620	0,000	98,350	1100,210	154735,210	-153635,000
2658+0,00	0,000	5,040	0,000	106,600	1100,210	154841,810	-153741,600
2659+0,00	0,000	3,230	0,000	82,670	1100,210	154924,470	-153824,260
2660+0,00	0,000	3,040	0,000	62,690	1100,210	154987,160	-153886,950
2661+0,00	0,000	2,760	0,000	58,050	1100,210	155045,210	-153945,000
2662+0,00	0,000	2,340	0,000	50,970	1100,210	155096,170	-153995,960
2663+0,00	0,000	2,540	0,000	48,780	1100,210	155144,960	-154044,750
2664+0,00	0,000	2,900	0,000	54,370	1100,210	155199,330	-154099,120
2665+0,00	0,000	2,840	0,000	57,400	1100,210	155256,730	-154156,520
2666+0,00	0,000	2,930	0,000	57,720	1100,210	155314,450	-154214,240
2667+0,00	0,000	2,890	0,000	58,200	1100,210	155372,650	-154272,440
2668+0,00	0,000	3,220	0,000	61,110	1100,210	155433,770	-154333,560
2669+0,00	0,000	3,700	0,000	69,220	1100,210	155502,980	-154402,770
2670+0,00	0,000	3,530	0,000	72,250	1100,210	155575,230	-154475,020
2671+0,00	0,000	3,100	0,000	66,320	1100,210	155641,550	-154541,340
2672+0,00	0,000	2,750	0,000	58,540	1100,210	155700,100	-154599,890
2673+0,00	0,000	2,680	0,000	54,350	1100,210	155754,450	-154654,240
2674+0,00	0,000	2,830	0,000	55,130	1100,210	155809,570	-154709,360
2675+0,00	0,000	3,320	0,000	61,460	1100,210	155871,040	-154770,830
2676+0,00	0,000	2,870	0,000	61,960	1100,210	155933,000	-154832,790
2677+0,00	0,000	2,580	0,000	54,550	1100,210	155987,550	-154887,340
2678+0,00	0,000	2,890	0,000	54,670	1100,210	156042,220	-154942,010

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
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)
2679+0,00	0,000	3,050	0,000	59,370	1100,210	156101,580	-155001,370
2680+0,00	0,000	3,890	0,000	69,600	1100,210	156171,180	-155070,970
2681+0,00	0,000	5,310	0,000	92,090	1100,210	156263,270	-155163,060
2682+0,00	0,000	4,260	0,000	95,790	1100,210	156359,060	-155258,850
2683+0,00	0,000	2,890	0,000	71,530	1100,210	156430,590	-155330,380
2684+0,00	0,000	3,040	0,000	59,320	1100,210	156489,900	-155389,690
2685+0,00	0,000	2,980	0,000	60,060	1100,210	156549,960	-155449,750
2686+0,00	0,000	3,010	0,000	59,950	1100,210	156609,920	-155509,710
2687+0,00	0,000	3,080	0,000	60,930	1100,210	156670,850	-155570,640
2688+0,00	0,000	3,060	0,000	61,370	1100,210	156732,220	-155632,010
2689+0,00	0,000	2,980	0,000	60,340	1100,210	156792,560	-155692,350
2690+0,00	0,000	3,140	0,000	61,170	1100,210	156853,730	-155753,520
2691+0,00	0,000	3,060	0,000	62,010	1100,210	156915,740	-155815,530
2692+0,00	0,000	2,870	0,000	59,300	1100,210	156975,040	-155874,830
2693+0,00	0,000	2,390	0,000	52,500	1100,210	157027,530	-155927,320
2694+0,00	0,170	0,030	1,730	24,130	1101,940	157051,670	-155949,730
2695+0,00	0,000	1,890	1,730	19,230	1103,670	157070,900	-155967,230
2696+0,00	0,000	2,960	0,000	48,520	1103,670	157119,420	-156015,750
2697+0,00	0,000	2,990	0,000	59,450	1103,670	157178,860	-156075,190
2698+0,00	0,000	2,320	0,000	53,020	1103,670	157231,880	-156128,210
2699+0,00	0,000	2,490	0,000	48,060	1103,670	157279,940	-156176,270
2700+0,00	0,000	2,990	0,000	54,770	1103,670	157334,710	-156231,040
2701+0,00	0,000	3,280	0,000	62,690	1103,670	157397,400	-156293,730
2702+0,00	0,000	3,370	0,000	66,490	1103,670	157463,890	-156360,220
2703+0,00	0,000	3,430	0,000	68,000	1103,670	157531,890	-156428,220
2704+0,00	0,000	3,130	0,000	65,610	1103,670	157597,500	-156493,830
2705+0,00	0,000	2,960	0,000	60,870	1103,670	157658,380	-156554,710
2706+0,00	0,000	2,830	0,000	57,920	1103,670	157716,300	-156612,630
2707+0,00	0,000	2,750	0,000	55,850	1103,670	157772,150	-156668,480
2708+0,00	0,000	2,730	0,000	54,990	1103,670	157827,140	-156723,470
2709+0,00	0,000	2,870	0,000	56,010	1103,670	157883,150	-156779,480
2710+0,00	0,000	2,800	0,000	56,810	1103,670	157939,970	-156836,300
2711+0,00	0,000	2,840	0,000	56,370	1103,670	157996,340	-156892,670
2712+0,00	0,000	3,010	0,000	58,490	1103,670	158054,830	-156951,160
2713+0,00	0,000	3,350	0,000	63,480	1103,670	158118,310	-157014,640
2714+0,00	0,000	2,600	0,000	59,460	1103,670	158177,770	-157074,100
2715+0,00	0,000	2,660	0,000	52,760	1103,670	158230,530	-157126,860
2716+0,00	0,000	2,910	0,000	55,830	1103,670	158286,360	-157182,690
2717+0,00	0,000	2,840	0,000	57,510	1103,670	158343,870	-157240,200
2718+0,00	0,000	2,910	0,000	57,690	1103,670	158401,560	-157297,890
2719+0,00	0,000	2,870	0,000	57,890	1103,670	158459,450	-157355,780
2720+0,00	0,000	2,810	0,000	56,740	1103,670	158516,190	-157412,520
2721+0,00	0,000	3,130	0,000	59,450	1103,670	158575,640	-157471,970
2722+0,00	0,000	4,210	0,000	73,120	1103,670	158648,760	-157545,090
2723+0,00	0,000	3,900	0,000	81,100	1103,670	158729,860	-157626,190
2724+0,00	0,000	3,260	0,000	71,600	1103,670	158801,460	-157697,790
2725+0,00	0,000	3,090	0,000	63,410	1103,670	158864,860	-157761,190
2726+0,00	0,000	3,030	0,000	61,230	1103,670	158926,090	-157822,420
2727+0,00	0,000	2,980	0,000	60,120	1103,670	158986,210	-157882,540
2728+0,00	0,000	3,000	0,000	59,630	1103,670	159045,840	-157942,170
2729+0,00	0,000	2,930	0,000	59,300	1103,670	159105,150	-158001,480
2730+0,00	0,000	2,390	0,000	53,260	1103,670	159158,410	-158054,740
2731+0,00	0,000	2,540	0,000	49,320	1103,670	159207,730	-158104,060
2732+0,00	0,000	2,470	0,000	50,080	1103,670	159257,810	-158154,140
2733+0,00	0,000	2,670	0,000	51,390	1103,670	159309,210	-158205,540
2734+0,00	0,000	2,880	0,000	55,480	1103,670	159364,690	-158261,020
2735+0,00	0,000	2,940	0,000	58,150	1103,670	159422,840	-158319,170
2736+0,00	0,000	2,920	0,000	58,620	1103,670	159481,460	-158377,790
2737+0,00	0,000	2,750	0,000	56,730	1103,670	159538,180	-158434,510
2738+0,00	0,000	2,920	0,000	56,800	1103,670	159594,980	-158491,310
2739+0,00	0,000	2,910	0,000	58,310	1103,670	159653,300	-158549,630
2740+0,00	0,000	3,570	0,000	64,830	1103,670	159718,130	-158614,460
2741+0,00	0,000	3,270	0,000	68,420	1103,670	159786,550	-158682,880
2742+0,00	0,000	2,810	0,000	60,810	1103,670	159847,360	-158743,690

Osvaldo Leôncio da Silva [illegible]
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
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)
2743+0,00	0,000	2,760	0,000	55,630	1103,670	159902,990	-158799,320
2744+0,00	0,000	2,910	0,000	56,700	1103,670	159959,690	-158856,020
2745+0,00	0,000	2,920	0,000	58,310	1103,670	160018,000	-158914,330
2746+0,00	0,000	2,790	0,000	57,040	1103,670	160075,040	-158971,370
2747+0,00	0,000	2,760	0,000	55,420	1103,670	160130,450	-159026,780
2748+0,00	0,000	2,980	0,000	57,470	1103,670	160187,930	-159084,260
2749+0,00	0,000	3,020	0,000	59,990	1103,670	160247,920	-159144,250
2750+0,00	0,000	2,070	0,000	51,090	1103,670	160299,010	-159195,340
2751+0,00	0,000	1,960	0,000	40,260	1103,670	160339,270	-159235,600
2752+0,00	0,000	3,010	0,000	49,680	1103,670	160388,940	-159285,270
2753+0,00	0,000	2,980	0,000	59,960	1103,670	160448,910	-159345,240
2754+0,00	0,000	2,850	0,000	58,390	1103,670	160507,290	-159403,620
2755+0,00	0,000	3,840	0,000	66,890	1103,670	160574,190	-159470,520
2756+0,00	0,000	3,180	0,000	70,180	1103,670	160644,370	-159540,700
2757+0,00	0,000	2,950	0,000	61,370	1103,670	160705,740	-159602,070
2758+0,00	0,000	4,590	0,000	75,430	1103,670	160781,170	-159677,500
2759+0,00	0,000	5,880	0,000	104,670	1103,670	160885,840	-159782,170
2760+0,00	0,000	6,280	0,000	121,620	1103,670	161007,460	-159903,790
2761+0,00	0,000	4,900	0,000	111,820	1103,670	161119,290	-160015,620
2762+0,00	0,000	4,050	0,000	89,460	1103,670	161208,750	-160105,080
2763+0,00	0,000	3,140	0,000	71,880	1103,670	161280,630	-160176,960
2764+0,00	0,000	3,200	0,000	63,340	1103,670	161343,970	-160240,300
2765+0,00	0,000	3,020	0,000	62,100	1103,670	161406,070	-160302,400
2766+0,00	0,000	3,150	0,000	61,610	1103,670	161467,680	-160364,010
2767+0,00	0,000	3,170	0,000	63,180	1103,670	161530,870	-160427,200
2768+0,00	0,000	2,950	0,000	61,030	1103,670	161591,900	-160488,230
2769+0,00	0,000	2,970	0,000	59,180	1103,670	161651,070	-160547,400
2770+0,00	0,000	2,960	0,000	59,070	1103,670	161710,140	-160606,470
2771+0,00	0,000	3,000	0,000	59,590	1103,670	161769,720	-160666,050
2772+0,00	0,000	3,220	0,000	62,340	1103,670	161832,060	-160728,390
2773+0,00	0,000	3,080	0,000	63,030	1103,670	161895,090	-160791,420
2774+0,00	0,000	2,950	0,000	60,100	1103,670	161955,190	-160851,520
2775+0,00	0,000	2,960	0,000	58,900	1103,670	162014,090	-160910,420
2776+0,00	0,000	2,910	0,000	58,650	1103,670	162072,740	-160969,070
2777+0,00	0,000	3,360	0,000	62,520	1103,670	162135,260	-161031,590
2778+0,00	0,000	3,980	0,000	73,390	1103,670	162208,660	-161104,990
2779+0,00	0,000	2,960	0,000	69,180	1103,670	162277,840	-161174,170
2780+0,00	0,000	3,060	0,000	60,200	1103,670	162338,040	-161234,370
2781+0,00	0,000	2,760	0,000	58,210	1103,670	162396,240	-161292,570
2782+0,00	0,000	2,530	0,000	52,900	1103,670	162449,150	-161345,480
2783+0,00	0,000	2,650	0,000	51,850	1103,670	162501,000	-161397,330
2784+0,00	0,000	3,070	0,000	57,250	1103,670	162558,250	-161454,580
2785+0,00	0,000	4,230	0,000	73,020	1103,670	162631,270	-161527,600
2786+0,00	0,000	4,800	0,000	90,320	1103,670	162721,590	-161617,920
2787+0,00	0,000	3,280	0,000	80,790	1103,670	162802,380	-161698,710
2788+0,00	0,000	1,770	0,000	50,370	1103,670	162852,750	-161749,080
2789+0,00	0,000	1,990	0,000	37,660	1103,670	162890,410	-161786,740
2790+0,00	0,000	2,120	0,000	41,150	1103,670	162931,570	-161827,900
2791+0,00	0,000	2,980	0,000	51,000	1103,670	162982,560	-161878,890
2792+0,00	0,000	2,730	0,000	57,070	1103,670	163039,630	-161935,960
2793+0,00	0,000	4,380	0,000	71,070	1103,670	163110,700	-162007,030
2794+0,00	0,000	4,510	0,000	88,810	1103,670	163199,520	-162095,850
2795+0,00	0,000	4,940	0,000	94,420	1103,670	163293,940	-162190,270
2796+0,00	0,000	2,790	0,000	77,270	1103,670	163371,210	-162267,540
2797+0,00	0,000	2,190	0,000	49,830	1103,670	163421,030	-162317,360
2798+0,00	0,000	1,840	0,000	40,300	1103,670	163461,330	-162357,660
2799+0,00	0,010	0,930	0,050	27,720	1103,720	163489,050	-162385,330
2799+15,00	0,400	0,050	3,010	7,380	1106,730	163496,430	-162389,700

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - UPPO
Secretaria das Cidades - Sedhab

14.2 TRECHO II

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

FRANCISCO AYRES - NAZARÉ DO PIAUÍ 0+0.000 2202+15.00

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. (%)
-4.104	114.113	-150.00	-4.000	114.268	-2.00	0+0.000	114.348	114.348	0.000	4.000	114.268	-2.00	4.509	114.608	66.67
-4.303	113.173	-150.00	-4.000	113.628	-2.00	1+0.000	113.708	113.461	0.247	4.000	113.628	-2.00	4.167	113.739	66.67
-4.316	112.121	-150.00	-4.000	112.596	-2.00	2+0.000	112.676	112.378	0.298	4.000	112.596	-2.00	4.054	112.632	66.67
-4.396	110.970	-150.00	-4.000	111.564	-2.00	3+0.000	111.644	111.222	0.422	4.000	111.564	-2.00	4.031	111.517	-150.00
-4.351	109.977	-150.00	-4.000	110.503	-2.00	4+0.000	110.583	110.271	0.312	4.000	110.503	-2.00	4.063	110.546	66.67
-4.350	109.427	-150.00	-4.000	109.951	-2.00	5+0.000	110.031	109.779	0.252	4.000	109.951	-2.00	4.259	110.124	66.67
-4.289	109.695	-150.00	-4.000	110.129	-2.00	6+0.000	110.209	110.017	0.191	4.000	110.129	-2.00	4.341	110.356	66.67
-4.366	110.298	-150.00	-4.000	110.848	-2.00	7+0.000	110.928	110.612	0.316	4.000	110.848	-2.00	4.088	110.906	66.67
-4.252	111.302	-150.00	-4.000	111.681	-2.00	8+0.000	111.761	111.490	0.270	4.000	111.681	-2.00	4.009	111.687	66.67
-4.310	112.292	-150.00	-4.000	112.757	-2.00	9+0.000	112.837	112.485	0.353	4.000	112.757	-2.00	4.060	112.667	-150.00
-4.269	113.431	-150.00	-4.000	113.834	-2.00	10+0.000	113.914	113.590	0.324	4.000	113.834	-2.00	4.061	113.742	-150.00
-4.215	114.458	-150.00	-4.000	114.781	-2.00	11+0.000	114.861	114.539	0.321	4.000	114.781	-2.00	4.108	114.619	-150.00
-4.252	115.035	-150.00	-4.000	115.413	-2.00	12+0.000	115.493	115.159	0.334	4.000	115.413	-2.00	4.092	115.275	-150.00
-4.257	115.534	-150.00	-4.000	115.920	-2.00	13+0.000	116.000	115.661	0.339	4.000	115.920	-2.00	4.091	115.783	-150.00
-4.302	115.840	-150.00	-4.000	116.293	-2.00	14+0.000	116.373	116.004	0.369	4.000	116.293	-2.00	4.088	116.161	-150.00
-4.316	116.104	-150.00	-4.000	116.578	-2.00	15+0.000	116.658	116.302	0.356	4.000	116.578	-2.00	4.056	116.495	-150.00
-4.342	116.351	-150.00	-4.000	116.863	-2.00	16+0.000	116.943	116.563	0.380	4.000	116.863	-2.00	4.067	116.763	-150.00
-4.352	116.590	-150.00	-4.000	117.119	-2.00	17+0.000	117.199	116.833	0.366	4.000	117.119	-2.00	4.040	117.058	-150.00
-4.346	116.658	-150.00	-4.000	117.177	-2.00	18+0.000	117.257	116.909	0.348	4.000	117.177	-2.00	4.024	117.141	-150.00
-4.354	116.696	-150.00	-4.000	117.227	-2.00	19+0.000	117.307	116.948	0.358	4.000	117.227	-2.00	4.024	117.190	-150.00
-4.374	116.815	-150.00	-4.000	117.377	-2.00	20+0.000	117.457	117.070	0.386	4.000	117.377	-2.00	4.046	117.308	-150.00
-4.358	117.083	-150.00	-4.000	117.620	-2.00	21+0.000	117.700	117.348	0.352	4.000	117.620	-2.00	4.019	117.592	-150.00
-4.309	117.529	-150.00	-4.000	117.993	-2.00	22+0.000	118.073	117.758	0.315	4.000	117.993	-2.00	4.014	117.971	-150.00
-4.300	118.195	-150.00	-4.000	118.645	-2.00	23+0.000	118.725	118.420	0.305	4.000	118.645	-2.00	4.043	118.580	-150.00
-4.238	119.003	-150.00	-4.000	119.360	-2.00	24+0.000	119.440	119.099	0.341	4.000	119.360	-2.00	4.115	119.188	-150.00
-4.225	119.802	-150.00	-4.000	120.140	-2.00	25+0.000	120.220	119.871	0.348	4.000	120.140	-2.00	4.136	119.936	-150.00
-4.129	120.550	-150.00	-4.000	120.743	-2.00	26+0.000	120.823	120.471	0.352	4.000	120.743	-2.00	4.236	120.389	-150.00
-4.128	120.763	-150.00	-4.000	120.956	-2.00	27+0.000	121.036	120.686	0.350	4.000	120.956	-2.00	4.233	120.607	-150.00
-4.132	120.763	-150.00	-4.000	120.961	-2.00	28+0.000	121.041	120.660	0.381	4.000	120.961	-2.00	4.279	120.542	-150.00
-4.106	120.542	-150.00	-4.000	120.700	-2.00	29+0.000	120.780	120.446	0.335	4.000	120.700	-2.00	4.236	120.346	-150.00
-4.085	120.264	-150.00	-4.000	120.391	-2.00	30+0.000	120.471	120.158	0.313	4.000	120.391	-2.00	4.229	120.048	-150.00
-4.102	119.928	-150.00	-4.000	120.081	-2.00	31+0.000	120.161	119.838	0.324	4.000	120.081	-2.00	4.224	119.745	-150.00
-4.106	119.612	-150.00	-4.000	119.772	-2.00	32+0.000	119.852	119.527	0.325	4.000	119.772	-2.00	4.223	119.437	-150.00
-4.110	119.297	-150.00	-4.000	119.462	-2.00	33+0.000	119.542	119.213	0.329	4.000	119.462	-2.00	4.226	119.124	-150.00
-4.118	118.976	-150.00	-4.000	119.152	-2.00	34+0.000	119.232	118.888	0.344	4.000	119.152	-2.00	4.236	118.798	-150.00
-4.155	118.611	-150.00	-4.000	118.843	-2.00	35+0.000	118.923	118.520	0.403	4.000	118.843	-2.00	4.277	118.427	-150.00
-4.210	118.218	-150.00	-4.000	118.533	-2.00	36+0.000	118.613	118.123	0.490	4.000	118.533	-2.00	4.341	118.022	-150.00
-4.313	117.754	-150.00	-4.000	118.224	-2.00	37+0.000	118.304	117.667	0.637	4.000	118.224	-2.00	4.432	117.575	-150.00
-4.373	117.354	-150.00	-4.000	117.914	-2.00	38+0.000	117.994	117.275	0.719	4.000	117.914	-2.00	4.480	117.194	-150.00
-4.392	117.017	-150.00	-4.000	117.604	-2.00	39+0.000	117.684	116.937	0.747	4.000	117.604	-2.00	4.489	116.870	-150.00
-4.228	116.953	-150.00	-4.000	117.295	-2.00	40+0.000	117.375	116.899	0.476	4.000	117.295	-2.00	4.301	116.843	-150.00
-4.180	116.960	-150.00	-4.000	117.229	-2.00	41+0.000	117.309	116.950	0.359	4.000	117.229	-2.00	4.215	116.906	-150.00
-4.264	117.103	-150.00	-4.000	117.499	-2.00	42+0.000	117.579	117.116	0.463	4.000	117.499	-2.00	4.247	117.129	-150.00
-4.258	117.382	-150.00	-4.000	117.769	-2.00	43+0.000	117.849	117.408	0.442	4.000	117.769	-2.00	4.224	117.433	-150.00
-4.315	117.566	-150.00	-4.000	118.039	-2.00	44+0.000	118.119	117.626	0.494	4.000	118.039	-2.00	4.237	117.684	-150.00
-4.291	117.873	-150.00	-4.000	118.309	-2.00	45+0.000	118.389	117.932	0.457	4.000	118.309	-2.00	4.200	118.009	-150.00
-4.273	118.170	-150.00	-4.000	118.580	-2.00	46+0.000	118.660	118.258	0.402	4.000	118.580	-2.00	4.166	118.330	-150.00
-4.270	118.445	-150.00	-4.000	118.850	-2.00	47+0.000	118.930	118.581	0.348	4.000	118.850	-2.00	4.135	118.648	-150.00
-4.239	118.623	-150.00	-4.000	118.981	-2.00	48+0.000	119.061	118.781	0.280	4.000	118.981	-2.00	4.033	118.931	-150.00
-4.092	118.784	-150.00	-4.000	118.921	-2.00	49+0.000	119.001	118.931	0.070	4.000	118.921	-2.00	4.244	119.084	66.67
-4.060	118.768	-150.00	-4.000	118.858	-2.00	50+0.000	118.938	118.939	-0.001	4.000	118.858	-2.00	4.399	119.124	66.67
-4.139	118.585	-150.00	-4.000	118.795	-2.00	51+0.000	118.875	118.764	0.110	4.000	118.795	-2.00	4.220	118.941	66.67
-4.232	118.384	-150.00	-4.000	118.731	-2.00	52+0.000	118.811	118.570	0.242	4.000	118.731	-2.00	4.023	118.746	66.67
-4.295	118.225	-150.00	-4.000	118.668	-2.00	53+0.000	118.748	118.412	0.335	4.000	118.668	-2.00	4.049	118.594	-150.00
-4.318	118.214	-150.00	-4.000	118.690	-2.00	54+0.000	118.770	118.406	0.365	4.000	118.690	-2.00	4.053	118.610	-150.00
-4.318	118.299	-150.00	-4.000	118.776	-2.00	55+0.000	118.856	118.493	0.363	4.000	118.776	-2.00	4.048	118.703	-150.00
-4.275	118.447	-150.00	-4.000	118.861	-2.00	56+0.000	118.941	118.709	0.232	4.000	118.861	-2.00	4.153	118.963	66.67
-4.279	118.528	-150.00	-4.000	118.946	-2.00	57+0.000	119.026	118.722	0.304	4.000	118.946	-2.00	4.025	118.908	-150.00
-4.196	118.737	-150.00	-4.000	119.031	-2.00	58+0.000	119.111	118.949	0.162	4.000	119.031	-2.00	4.195	119.161	66.67
-4.298	118.654	-150.00	-4.000	119.102	-2.00	59+0.000	119.182	118.816	0.367	4.000	119.102	-2.00	4.089	118.969	-150.00
-4.305	118.634	-150.00	-4.000	119.092	-2.00	60+0.000	119.172	118.811	0.361	4.000	119.092	-2.00	4.073	118.982	-150.00
-4.278	118.839	-150.00	-4.000	119.256	-2.00	61+0.000	119.336	118.989	0.346	4.000	119.256	-2.00	4.082	119.132	-150.00
-4.289	118.805	-150.00	-4.000	119.238	-2.00	62+0.000	119.318	118.940	0.378	4.000	119.238	-2.00	4.113	119.069	-150.00
-4.301	119.052	-150.00	-4.000	119.503	-2.00	63+0.000	119.583	119.264	0.319	4.000	119.503	-2.00	4.028	119.462	-150.00
-4.322	119.508	-150.00	-4.000	119.990	-2.00	64+0.000	120.070	119.716	0.354	4.000	119.990	-2.00	4.053	119.911	-150.00
-4.275	119.930	-150.00	-4.000	120.343	-2.00	65+0.000	120.423	120.148	0.275	4.000	120.343	-2.00	4.124	120.425	66.67
-4.270	120.290	-150.00	-4.000	120.695	-2.00	66+0.000	120.775	120.490	0.285	4.000	120.695	-2.00	4.108	120.767	66.67
-4.350	120.523	-150.00	-4.000	121.047	-2.00	67+0.000	121.127	120.786	0.342	4.000	121.047	-2.00	4.009	121.034	-150.00
-4.386	120.659	-150.00	-4.000	121.238	-2.00	68+0.000	121.318	120.916	0.402	4.000	121.238	-2.00	4.056	121.153	-150.00
-4.339	120.419	-150.00	-4.000	120.928	-2.00	69+0.000	121.008	120.644	0.365	4.000	120.928	-2.00	4.050	120.853	-150.00
-4.278	120.201	-150.00	-4.000	120.619	-2.00	70+0.000	120.699	120.381	0.318	4.000	120.619	-2.00	4.046	120.550	-150.00
-4.305	119.851	-150.00	-4.000	120.309	-2.00	71+0.000	120.389	120.075	0.315	4.000	120.309	-2.00	4.018	120.283	-150.00
-4.373	119.440	-150.00	-4.000	120.000	-2.00	72+0.000	120.080	119.650	0.430	4.000	120.000	-2.00	4.102	119.846	-150.00
-4.393	119.101	-150.00	-4.000	119.690	-2.00	73+0.000	119.770	119.310	0.460	4.000	119.690	-2.00	4.123	119.506	-150.00
-4.371	118.825	-150.00	-4.000	119.381	-2.00	74+0.000	119.461	119.041	0.419	4.000	119.381	-2.00	4.091	119.245	-150.00
-4.322	118.363	-150.00	-4.000	118.847	-2.00	75+0.000	118.927	118.480	0.446	4.000	118.847	-2.00	4.113	118.677	-150.00
-4.206	118.252	-150.00	-4.000	118.562	-2.00	76+0.000	118.642	118.279	0.362	4.000	118.562	-2.00			
-4.190	118.122	-150.00	-4.000	118.407	-2.00	77+0.000	118.487	118.167	0.319	4.000	118.407	-2.00			
-4.185	118.496	-150.00	-4.000	118.774	-2.00	78+0.000	118.854	118.524	0.330	4.000	118.774	-2.00	4.147	118.553	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
[illegible] das Cidades (Sedcid)

-4.190	119.113	-150.00	-4.000	119.398	-2.00	79+0.000	119.478	119.201	0.277	4.000	119.398	-2.00	4.074	119.287	-150.00
-4.192	120.062	-150.00	-4.000	120.350	-2.00	80+0.000	120.430	120.144	0.286	4.000	120.350	-2.00	4.100	120.200	-150.00
-4.170	121.086	-150.00	-4.000	121.341	-2.00	81+0.000	121.421	121.210	0.210	4.000	121.341	-2.00	4.007	121.330	-150.00
-4.118	122.158	-150.00	-4.000	122.336	-2.00	82+0.000	122.416	122.262	0.154	4.000	122.336	-2.00	4.042	122.364	66.67
-4.175	123.068	-150.00	-4.000	123.331	-2.00	83+0.000	123.411	123.149	0.262	4.000	123.331	-2.00	4.069	123.228	-150.00
-4.179	124.057	-150.00	-4.000	124.326	-2.00	84+0.000	124.406	124.113	0.293	4.000	124.326	-2.00	4.090	124.190	-150.00
-4.168	125.133	-150.00	-4.000	125.386	-2.00	85+0.000	125.466	125.153	0.313	4.000	125.386	-2.00	4.139	125.176	-150.00
-4.080	126.478	-150.00	-4.000	126.598	-2.00	86+0.000	126.678	126.446	0.232	4.000	126.598	-2.00	4.123	126.414	-150.00
-4.047	127.741	-150.00	-4.000	127.811	-2.00	87+0.000	127.891	127.704	0.187	4.000	127.811	-2.00	4.096	127.667	-150.00
-4.030	128.978	-150.00	-4.000	129.024	-2.00	88+0.000	129.104	128.927	0.176	4.000	129.024	-2.00	4.099	128.876	-150.00
-4.082	130.070	-150.00	-4.000	130.193	-2.00	89+0.000	130.273	130.013	0.261	4.000	130.193	-2.00	4.162	129.950	-150.00
-4.031	131.016	-150.00	-4.000	131.063	-2.00	90+0.000	131.143	130.913	0.230	4.000	131.063	-2.00	4.171	130.806	-150.00
-4.080	131.471	-150.00	-4.000	131.590	-2.00	91+0.000	131.670	131.379	0.292	4.000	131.590	-2.00	4.204	131.284	-150.00
-4.062	131.682	-150.00	-4.000	131.775	-2.00	92+0.000	131.855	131.543	0.312	4.000	131.775	-2.00	4.235	131.423	-150.00
-4.039	131.578	-150.00	-4.000	131.636	-2.00	93+0.000	131.716	131.462	0.254	4.000	131.636	-2.00	4.196	131.342	-150.00
-4.075	131.310	-150.00	-4.000	131.422	-2.00	94+0.000	131.502	131.168	0.334	4.000	131.422	-2.00	4.268	131.020	-150.00
-4.166	130.886	-150.00	-4.000	131.134	-2.00	95+0.000	131.214	130.810	0.405	4.000	131.134	-2.00	4.293	130.695	-150.00
-4.142	130.521	-150.00	-4.000	130.734	-2.00	96+0.000	130.814	130.422	0.392	4.000	130.734	-2.00	4.276	130.319	-150.00
-4.148	130.270	-150.00	-4.000	130.491	-2.00	97+0.000	130.571	130.207	0.364	4.000	130.491	-2.00	4.232	130.143	-150.00
-4.155	130.243	-150.00	-4.000	130.475	-2.00	98+0.000	130.555	130.219	0.336	4.000	130.475	-2.00	4.203	130.171	-150.00
-4.152	130.190	-150.00	-4.000	130.417	-2.00	99+0.000	130.497	130.187	0.311	4.000	130.417	-2.00	4.156	130.184	-150.00
-4.138	130.121	-150.00	-4.000	130.328	-2.00	100+0.000	130.408	130.118	0.290	4.000	130.328	-2.00	4.142	130.116	-150.00
-4.119	130.060	-150.00	-4.000	130.239	-2.00	101+0.000	130.319	130.058	0.261	4.000	130.239	-2.00	4.122	130.056	-150.00
-4.094	130.009	-150.00	-4.000	130.149	-2.00	102+0.000	130.229	130.006	0.223	4.000	130.149	-2.00	4.097	130.004	-150.00
-4.129	129.866	-150.00	-4.000	130.060	-2.00	103+0.000	130.140	129.893	0.247	4.000	130.060	-2.00	4.094	129.919	-150.00
-4.125	129.783	-150.00	-4.000	129.970	-2.00	104+0.000	130.050	129.814	0.237	4.000	129.970	-2.00	4.086	129.841	-150.00
-4.105	129.723	-150.00	-4.000	129.881	-2.00	105+0.000	129.961	129.752	0.208	4.000	129.881	-2.00	4.066	129.781	-150.00
-4.093	129.652	-150.00	-4.000	129.791	-2.00	106+0.000	129.871	129.709	0.163	4.000	129.791	-2.00	4.043	129.726	-150.00
-4.097	129.556	-150.00	-4.000	129.702	-2.00	107+0.000	129.782	129.600	0.182	4.000	129.702	-2.00	4.053	129.622	-150.00
-4.126	129.423	-150.00	-4.000	129.613	-2.00	108+0.000	129.693	129.467	0.226	4.000	129.613	-2.00	4.093	129.473	-150.00
-4.191	129.237	-150.00	-4.000	129.523	-2.00	109+0.000	129.603	129.281	0.322	4.000	129.523	-2.00	4.154	129.293	-150.00
-4.271	129.028	-150.00	-4.000	129.434	-2.00	110+0.000	129.514	129.128	0.386	4.000	129.434	-2.00	4.161	129.192	-150.00
-4.284	128.836	-150.00	-4.000	129.262	-2.00	111+0.000	129.342	128.937	0.405	4.000	129.262	-2.00	4.202	128.959	-150.00
-4.281	128.408	-150.00	-4.000	128.830	-2.00	112+0.000	128.910	128.517	0.393	4.000	128.830	-2.00	4.191	128.543	-150.00
-4.281	128.094	-150.00	-4.000	128.516	-2.00	113+0.000	128.596	128.214	0.382	4.000	128.516	-2.00	4.154	128.285	-150.00
-4.294	127.835	-150.00	-4.000	128.275	-2.00	114+0.000	128.355	127.980	0.375	4.000	128.275	-2.00	4.123	128.091	-150.00
-4.364	127.729	-150.00	-4.000	128.276	-2.00	115+0.000	128.356	127.880	0.476	4.000	128.276	-2.00	4.188	127.994	-150.00
-4.336	127.822	-150.00	-4.000	128.326	-2.00	116+0.000	128.406	127.973	0.433	4.000	128.326	-2.00	4.135	128.124	-150.00
-4.289	128.050	-150.00	-4.000	128.484	-2.00	117+0.000	128.564	128.188	0.376	4.000	128.484	-2.00	4.095	128.341	-150.00
-4.298	128.409	-150.00	-4.000	128.856	-2.00	118+0.000	128.936	128.548	0.389	4.000	128.856	-2.00	4.110	128.691	-150.00
-4.245	128.862	-150.00	-4.000	129.229	-2.00	119+0.000	129.309	128.955	0.354	4.000	129.229	-2.00	4.122	129.045	-150.00
-4.242	129.224	-150.00	-4.000	129.586	-2.00	120+0.000	129.666	129.316	0.350	4.000	129.586	-2.00	4.121	129.405	-150.00
-4.283	129.393	-150.00	-4.000	129.818	-2.00	121+0.000	129.898	129.485	0.412	4.000	129.818	-2.00	4.161	129.576	-150.00
-4.215	129.579	-150.00	-4.000	129.902	-2.00	122+0.000	129.982	129.622	0.360	4.000	129.902	-2.00	4.159	129.663	-150.00
-4.156	129.606	-150.00	-4.000	129.840	-2.00	123+0.000	129.920	129.634	0.286	4.000	129.840	-2.00	4.119	129.661	-150.00
-4.151	129.500	-150.00	-4.000	129.727	-2.00	124+0.000	129.807	129.494	0.313	4.000	129.727	-2.00	4.159	129.488	-150.00
-4.199	129.322	-150.00	-4.000	129.621	-2.00	125+0.000	129.701	129.329	0.372	4.000	129.621	-2.00	4.183	129.346	-150.00
-4.209	129.252	-150.00	-4.000	129.566	-2.00	126+0.000	129.646	129.270	0.376	4.000	129.566	-2.00	4.186	129.287	-150.00
-4.197	129.155	-150.00	-4.000	129.451	-2.00	127+0.000	129.531	129.156	0.375	4.000	129.451	-2.00	4.196	129.157	-150.00
-4.175	128.995	-150.00	-4.000	129.257	-2.00	128+0.000	129.337	128.996	0.341	4.000	129.257	-2.00	4.173	128.997	-150.00
-4.150	128.839	-150.00	-4.000	129.064	-2.00	129+0.000	129.144	128.831	0.313	4.000	129.064	-2.00	4.161	128.823	-150.00
-4.203	128.566	-150.00	-4.000	128.871	-2.00	130+0.000	128.951	128.577	0.374	4.000	128.871	-2.00	4.189	128.587	-150.00
-4.209	128.364	-150.00	-4.000	128.678	-2.00	131+0.000	128.758	128.375	0.383	4.000	128.678	-2.00	4.197	128.382	-150.00
-4.197	128.188	-150.00	-4.000	128.484	-2.00	132+0.000	128.564	128.182	0.382	4.000	128.484	-2.00	4.206	128.176	-150.00
-4.198	128.060	-150.00	-4.000	128.357	-2.00	133+0.000	128.437	128.053	0.383	4.000	128.357	-2.00	4.207	128.047	-150.00
-4.242	128.019	-150.00	-4.000	128.382	-2.00	134+0.000	128.462	128.013	0.449	4.000	128.382	-2.00	4.250	128.007	-150.00
-4.170	128.169	-150.00	-4.000	128.424	-2.00	135+0.000	128.504	128.145	0.359	4.000	128.424	-2.00	4.202	128.120	-150.00
-4.165	128.363	-150.00	-4.000	128.610	-2.00	136+0.000	128.690	128.351	0.339	4.000	128.610	-2.00	4.180	128.340	-150.00
-4.163	128.664	-150.00	-4.000	128.908	-2.00	137+0.000	128.988	128.653	0.335	4.000	128.908	-2.00	4.178	128.642	-150.00
-4.201	129.059	-150.00	-4.000	129.361	-2.00	138+0.000	129.441	129.076	0.364	4.000	129.361	-2.00	4.178	129.094	-150.00
-4.220	129.621	-150.00	-4.000	129.952	-2.00	139+0.000	130.032	129.639	0.393	4.000	129.952	-2.00	4.197	129.656	-150.00
-4.219	130.214	-150.00	-4.000	130.543	-2.00	140+0.000	130.623	130.242	0.381	4.000	130.543	-2.00	4.183	130.269	-150.00
-4.173	130.874	-150.00	-4.000	131.134	-2.00	141+0.000	131.214	130.939	0.275	4.000	131.134	-2.00	4.111	130.968	-150.00
-4.231	131.379	-150.00	-4.000	131.725	-2.00	142+0.000	131.805	131.453	0.352	4.000	131.725	-2.00	4.122	131.542	-150.00
-4.225	131.979	-150.00	-4.000	132.316	-2.00	143+0.000	132.396	132.071	0.325	4.000	132.316	-2.00	4.104	132.160	-150.00
-4.266	132.264	-150.00	-4.000	132.662	-2.00	144+0.000	132.742	132.391	0.351	4.000	132.662	-2.00	4.120	132.483	-150.00
-4.293	132.351	-150.00	-4.000	132.791	-2.00	145+0.000	132.871	132.492	0.380	4.000	132.791	-2.00	4.105	132.633	-150.00
-4.280	132.455	-150.00	-4.000	132.875	-2.00	146+0.000	132.955	132.605	0.351	4.000	132.875	-2.00	4.085	132.747	-150.00
-4.290	132.525	-150.00	-4.000	132.959	-2.00	147+0.000	133.039	132.662	0.377	4.000	132.959	-2.00	4.103	132.805	-150.00
-4.314	132.698	-150.00	-4.000	133.169	-2.00	148+0.000	133.249	132.830	0.419	4.000	133.169	-2.00	4.142	132.956	-150.00
-4.232	133.121	-150.00	-4.000	133.469	-2.00	149+0.000	133.549	133.184	0.365	4.000	133.469	-2.00	4.148	133.247	-150.00
-4.216	133.436	-150.00	-4.000	133.759	-2.00	150+0.000	133.839	133.488	0.351	4.000	133.759	-2.00	4.140	133.549	-150.00
-4.209	133.714	-150.00	-4.000	134.027	-2.00	151+0.000	134.107	133.758	0.349	4.000	134.027	-2.00	4.150	133.801	-150.00
-4.178	133.961	-150.00	-4.000	134.228	-2.00	152+0.000	134.308	133.964	0.343	4.000	134.228	-2.00	4.173	133.967	-150.00
-4.186	134.144	-150.00	-4.000	134.423	-2.00	153+0.000	134.503	134.149	0.354	4.000	134.423	-2.00	4.181	134.151	-150.00
-4.195	134.213	-150.00	-4.000	134.504	-2.00	154+0.000	134.584	134.219	0.366	4.000	134.504	-2.00	4.186	134.225	-150.00
-4.179	134.063	-150.00	-4.000	134.331	-2.00	155+0.000	134.411	134.085	0.326	4.000	134.331	-2.00	4.149	134.108	-150.00
-4.217	133.833	-150.00	-4.000	134.158	-2.00	156+0.000	134.238	133.856	0.383	4.000	134.158	-2.00	4.174	133.898	-150.00
-4.196	133.608	-150.00	-4.000	133.903	-2.00	157+0.000	133.983	133.649	0.334	4.000	133.903	-2.00	4.142	133.690	-150.00
-4.281	133.220	-150.00	-4.000	133.641	-2.00	158+0.000	133.721	133.323	0.398	4.000	133.641	-2.00	4.146	133.422	-150.00
-4.249	133.090	-150.00	-4.000	133.462	-2.00	159+0.000	133.542	133.196	0.347	4.000	133.462	-2.00	4.112	133.294	-150.00
-4.247	132.932	-150.00	-4.000	133.302	-2.00	160+0.000	133.382	133.049	0.333	4.000	133.302	-2.00	4.093	133.162	-150.00
-4.288	132.891	-150.00	-4.000	133.323	-2.00	161+0.000	133.403	133.026	0.377	4.000	133.323	-2.00	4.112	133.155	-150.00
-4.277	132.973	-150.00	-4.000	133.389	-2.00	162+0.000	133.469	133.108	0.361	4.000	133.389	-2.00	4.100	133.239	-150.00
-4.297	133.206	-150.00	-4.000	133.651	-2.00	163+0.000	133.731	133.338	0.393	4.000	133.651	-2.00	4.124	133.466	-150.00
-4.268	133.512	-150.00	-4.000	133.914	-2.00	164+0.000	133.994	133.645	0.349	4.000	133.914	-2.00	4.094	133.773	-150.00

Osvaldo Leôncio da Silv[illegible]
Diretor da Unidade de Prog[illegible]
Projetos e Obras - DUP[illegible]
Secretaria das Cidades [illegible]

-4.258	133.820	-150.00	-4.000	134.208	-2.00	165+0.000	134.288	133.953	0.335	4.000	134.208	-2.00	4.085	134.081	-150.00
-4.243	134.139	-150.00	-4.000	134.505	-2.00	166+0.000	134.585	134.282	0.303	4.000	134.505	-2.00	4.058	134.418	-150.00
-4.242	134.438	-150.00	-4.000	134.801	-2.00	167+0.000	134.881	134.578	0.303	4.000	134.801	-2.00	4.071	134.695	-150.00
-4.229	134.647	-150.00	-4.000	134.990	-2.00	168+0.000	135.070	134.765	0.305	4.000	134.990	-2.00	4.074	134.879	-150.00
-4.207	134.785	-150.00	-4.000	135.095	-2.00	169+0.000	135.175	134.889	0.286	4.000	135.095	-2.00	4.070	134.990	-150.00
-4.264	134.803	-150.00	-4.000	135.198	-2.00	170+0.000	135.278	134.909	0.370	4.000	135.198	-2.00	4.132	135.000	-150.00
-4.253	134.641	-150.00	-4.000	135.021	-2.00	171+0.000	135.101	134.717	0.384	4.000	135.021	-2.00	4.152	134.794	-150.00
-4.247	134.402	-150.00	-4.000	134.772	-2.00	172+0.000	134.852	134.456	0.397	4.000	134.772	-2.00	4.176	134.508	-150.00
-4.245	133.983	-150.00	-4.000	134.350	-2.00	173+0.000	134.430	134.033	0.397	4.000	134.350	-2.00	4.178	134.083	-150.00
-4.237	133.501	-150.00	-4.000	133.857	-2.00	174+0.000	133.937	133.540	0.397	4.000	133.857	-2.00	4.186	133.578	-150.00
-4.230	133.018	-150.00	-4.000	133.363	-2.00	175+0.000	133.443	133.055	0.388	4.000	133.363	-2.00	4.189	133.079	-150.00
-4.207	132.733	-150.00	-4.000	133.043	-2.00	176+0.000	133.123	132.738	0.384	4.000	133.043	-2.00	4.199	132.744	-150.00
-4.275	132.417	-150.00	-4.000	132.828	-2.00	177+0.000	132.908	132.541	0.367	4.000	132.828	-2.00	4.188	132.546	-150.00
-4.366	132.065	-150.00	-4.000	132.614	-2.00	178+0.000	132.694	132.305	0.389	4.000	132.614	-2.00	4.203	132.310	-150.00
-4.366	131.779	-150.00	-4.000	132.328	-2.00	179+0.000	132.408	132.006	0.402	4.000	132.328	-2.00	4.207	132.018	-150.00
-4.375	131.414	-150.00	-4.000	131.977	-2.00	180+0.000	132.057	131.635	0.421	4.000	131.977	-2.00	4.198	131.680	-150.00
-4.293	130.862	-150.00	-4.000	131.302	-2.00	181+0.000	131.382	130.905	0.476	4.000	131.302	-2.00	4.233	130.953	-150.00
-4.323	130.141	-150.00	-4.000	130.625	-2.00	182+0.000	130.705	130.193	0.512	4.000	130.625	-2.00	4.255	130.243	-150.00
-4.343	129.435	-150.00	-4.000	129.949	-2.00	183+0.000	130.029	129.487	0.541	4.000	129.949	-2.00	4.236	129.595	-150.00
-4.289	128.839	-150.00	-4.000	129.272	-2.00	184+0.000	129.352	128.920	0.431	4.000	129.272	-2.00	4.169	129.019	-150.00
-4.236	128.511	-150.00	-4.000	128.865	-2.00	185+0.000	128.945	128.585	0.361	4.000	128.865	-2.00	4.064	128.769	-150.00
-4.236	128.413	-150.00	-4.000	128.767	-2.00	186+0.000	128.847	128.487	0.360	4.000	128.767	-2.00	4.127	128.576	-150.00
-4.218	128.341	-150.00	-4.000	128.669	-2.00	187+0.000	128.749	128.385	0.364	4.000	128.669	-2.00	4.160	128.428	-150.00
-4.230	128.190	-150.00	-4.000	128.534	-2.00	188+0.000	128.614	128.225	0.389	4.000	128.534	-2.00	4.191	128.247	-150.00
-4.228	127.933	-150.00	-4.000	128.274	-2.00	189+0.000	128.354	127.950	0.404	4.000	128.274	-2.00	4.204	127.967	-150.00
-4.177	127.008	-150.00	-4.000	127.273	-2.00	190+0.000	127.353	126.906	0.446	4.000	127.273	-2.00	4.306	126.814	-150.00
-4.110	126.267	-150.00	-4.000	126.432	-2.00	191+0.000	126.512	126.095	0.417	4.000	126.432	-2.00	4.353	125.903	-150.00
-4.086	125.796	-150.00	-4.000	125.925	-2.00	192+0.000	126.005	125.573	0.431	4.000	125.925	-2.00	4.406	125.316	-150.00
-4.097	125.432	-150.00	-4.000	125.577	-2.00	193+0.000	125.657	125.220	0.437	4.000	125.577	-2.00	4.400	124.977	-150.00
-4.065	125.133	-150.00	-4.000	125.230	-2.00	194+0.000	125.310	124.915	0.395	4.000	125.230	-2.00	4.366	124.682	-150.00
-4.073	124.773	-150.00	-4.000	124.883	-2.00	195+0.000	124.963	124.553	0.410	4.000	124.883	-2.00	4.373	124.323	-150.00
-4.120	124.303	-150.00	-4.000	124.483	-2.00	196+0.000	124.563	124.144	0.419	4.000	124.483	-2.00	4.334	123.981	-150.00
-4.197	123.525	-150.00	-4.000	123.820	-2.00	197+0.000	123.900	123.427	0.473	4.000	123.820	-2.00	4.330	123.326	-150.00
-4.188	122.615	-150.00	-4.000	122.897	-2.00	198+0.000	122.977	122.541	0.436	4.000	122.897	-2.00	4.288	122.465	-150.00
-4.282	121.585	-150.00	-4.000	122.008	-2.00	199+0.000	122.088	121.659	0.429	4.000	122.008	-2.00	4.185	121.731	-150.00
-4.265	121.042	-150.00	-4.000	121.439	-2.00	200+0.000	121.519	121.141	0.378	4.000	121.439	-2.00	4.134	121.238	-150.00
-4.289	120.766	-150.00	-4.000	121.199	-2.00	201+0.000	121.279	120.888	0.391	4.000	121.199	-2.00	4.129	121.005	-150.00
-4.300	120.636	-150.00	-4.000	121.087	-2.00	202+0.000	121.167	120.689	0.478	4.000	121.087	-2.00	4.249	120.713	-150.00
-4.107	120.847	-150.00	-4.000	121.008	-2.00	203+0.000	121.088	120.740	0.348	4.000	121.008	-2.00	4.158	120.772	-150.00
-4.187	121.193	-150.00	-4.000	121.473	-2.00	204+0.000	121.553	121.277	0.276	4.000	121.473	-2.00	4.053	121.394	-150.00
-4.282	121.833	-150.00	-4.000	122.256	-2.00	205+0.000	122.336	122.037	0.299	4.000	122.256	-2.00	4.018	122.228	-150.00
-4.279	122.221	-150.00	-4.000	122.640	-2.00	206+0.000	122.720	122.406	0.313	4.000	122.640	-2.00	4.020	122.609	-150.00
-4.258	122.632	-150.00	-4.000	123.019	-2.00	207+0.000	123.099	122.780	0.320	4.000	123.019	-2.00	4.040	122.959	-150.00
-4.200	123.081	-150.00	-4.000	123.381	-2.00	208+0.000	123.461	123.227	0.234	4.000	123.381	-2.00	4.006	123.372	-150.00
-4.145	123.524	-150.00	-4.000	123.742	-2.00	209+0.000	123.822	123.654	0.169	4.000	123.742	-2.00	4.057	123.780	66.67
-4.183	123.830	-150.00	-4.000	124.104	-2.00	210+0.000	124.184	123.967	0.217	4.000	124.104	-2.00			
-4.218	124.138	-150.00	-4.000	124.465	-2.00	211+0.000	124.545	124.262	0.283	4.000	124.465	-2.00	4.056	124.381	-150.00
-4.250	124.452	-150.00	-4.000	124.826	-2.00	212+0.000	124.906	124.581	0.325	4.000	124.826	-2.00	4.079	124.709	-150.00
-4.233	124.862	-150.00	-4.000	125.211	-2.00	213+0.000	125.291	124.953	0.338	4.000	125.211	-2.00	4.110	125.046	-150.00
-4.215	125.382	-150.00	-4.000	125.705	-2.00	214+0.000	125.785	125.476	0.309	4.000	125.705	-2.00	4.115	125.533	-150.00
-4.205	125.910	-150.00	-4.000	126.218	-2.00	215+0.000	126.298	125.994	0.304	4.000	126.218	-2.00	4.095	126.075	-150.00
-4.215	126.632	-150.00	-4.000	126.954	-2.00	216+0.000	127.034	126.701	0.333	4.000	126.954	-2.00	4.123	126.769	-150.00
-4.210	127.380	-150.00	-4.000	127.695	-2.00	217+0.000	127.775	127.445	0.330	4.000	127.695	-2.00	4.125	127.508	-150.00
-4.206	128.127	-150.00	-4.000	128.436	-2.00	218+0.000	128.516	128.189	0.327	4.000	128.436	-2.00	4.124	128.251	-150.00
-4.236	128.696	-150.00	-4.000	129.049	-2.00	219+0.000	129.129	128.774	0.356	4.000	129.049	-2.00	4.113	128.880	-150.00
-4.238	129.061	-150.00	-4.000	129.417	-2.00	220+0.000	129.497	129.171	0.327	4.000	129.417	-2.00	4.093	129.277	-150.00
-4.253	129.281	-150.00	-4.000	129.660	-2.00	221+0.000	129.740	129.375	0.365	4.000	129.660	-2.00	4.153	129.431	-150.00
-4.265	129.204	-150.00	-4.000	129.601	-2.00	222+0.000	129.681	129.302	0.380	4.000	129.601	-2.00	4.137	129.396	-150.00
-4.249	129.032	-150.00	-4.000	129.405	-2.00	223+0.000	129.485	129.100	0.385	4.000	129.405	-2.00	4.159	129.166	-150.00
-4.208	128.912	-150.00	-4.000	129.224	-2.00	224+0.000	129.304	128.941	0.363	4.000	129.224	-2.00	4.170	128.969	-150.00
-4.245	128.714	-150.00	-4.000	129.082	-2.00	225+0.000	129.162	128.788	0.374	4.000	129.082	-2.00	4.153	128.853	-150.00
-4.251	128.601	-150.00	-4.000	128.978	-2.00	226+0.000	129.058	128.692	0.366	4.000	128.978	-2.00	4.132	128.780	-150.00
-4.250	128.607	-150.00	-4.000	128.983	-2.00	227+0.000	129.063	128.695	0.368	4.000	128.983	-2.00	4.133	128.783	-150.00
-4.242	128.659	-150.00	-4.000	129.022	-2.00	228+0.000	129.102	128.745	0.357	4.000	129.022	-2.00	4.129	128.828	-150.00
-4.195	128.772	-150.00	-4.000	129.064	-2.00	229+0.000	129.144	128.854	0.290	4.000	129.064	-2.00	4.087	128.934	-150.00
-4.129	128.913	-150.00	-4.000	129.107	-2.00	230+0.000	129.187	128.948	0.239	4.000	129.107	-2.00	4.083	128.982	-150.00
-4.086	129.020	-150.00	-4.000	129.149	-2.00	231+0.000	129.229	129.054	0.175	4.000	129.149	-2.00	4.041	129.088	-150.00
-4.131	128.994	-150.00	-4.000	129.191	-2.00	232+0.000	129.271	128.999	0.272	4.000	129.191	-2.00	4.125	129.004	-150.00
-4.205	128.879	-150.00	-4.000	129.188	-2.00	233+0.000	129.268	128.884	0.383	4.000	129.188	-2.00	4.202	128.885	-150.00
-4.197	128.679	-150.00	-4.000	128.975	-2.00	234+0.000	129.055	128.663	0.392	4.000	128.975	-2.00	4.209	128.662	-150.00
-4.205	128.430	-150.00	-4.000	128.738	-2.00	235+0.000	128.818	128.428	0.390	4.000	128.738	-2.00	4.200	128.438	-150.00
-4.227	127.992	-150.00	-4.000	128.332	-2.00	236+0.000	128.412	127.994	0.418	4.000	128.332	-2.00	4.209	128.019	-150.00
-4.248	127.526	-150.00	-4.000	127.898	-2.00	237+0.000	127.978	127.583	0.396	4.000	127.898	-2.00	4.173	127.638	-150.00
-4.250	127.211	-150.00	-4.000	127.585	-2.00	238+0.000	127.665	127.272	0.393	4.000	127.585	-2.00	4.169	127.332	-150.00
-4.254	126.975	-150.00	-4.000	127.356	-2.00	239+0.000	127.436	127.061	0.375	4.000	127.356	-2.00	4.144	127.140	-150.00
-4.268	126.874	-150.00	-4.000	127.275	-2.00	240+0.000	127.355	126.965	0.390	4.000	127.275	-2.00	4.147	127.055	-150.00
-4.219	127.003	-150.00	-4.000	127.331	-2.00	241+0.000	127.411	127.087	0.324	4.000	127.331	-2.00	4.120	127.151	-150.00
-4.189	127.192	-150.00	-4.000	127.477	-2.00	242+0.000	127.557	127.229	0.328	4.000	127.477	-2.00	4.136	127.273	-150.00
-4.165	127.377	-150.00	-4.000	127.624	-2.00	243+0.000	127.704	127.409	0.295	4.000	127.624	-2.00	4.122	127.441	-150.00
-4.144	127.556	-150.00	-4.000	127.772	-2.00	244+0.000	127.852	127.584	0.268	4.000	127.772	-2.00	4.111	127.606	-150.00
-4.165	127.672	-150.00	-4.000	127.919	-2.00	245+0.000	127.999	127.686	0.313	4.000	127.919	-2.00	4.146	127.700	-150.00
-4.143	127.853	-150.00	-4.000	128.067	-2.00	246+0.000	128.147	127.837	0.310	4.000	128.067	-2.00	4.169	127.814	-150.00
-4.164	127.970	-150.00	-4.000	128.216	-2.00	247+0.000	128.296	127.940	0.356	4.000	128.216	-2.00	4.204	127.910	-150.00
-4.174	128.153	-150.00	-4.000	128.414	-2.00	248+0.000	128.494	128.143	0.351	4.000	128.414	-2.00	4.187	128.133	-150.00
-4.138	128.437	-150.00	-4.000	128.643	-2.00	249+0.000	128.723	128.403	0.321	4.000	128.643	-2.00	4.184	128.368	-150.00
-4.167	128.651	-150.00	-4.000	128.902	-2.00	250+0.000	128.982	128.651	0.331	4.000	128.902	-2.00	4.168	128.651	-150.00

Osvaldo Leôncio da Silv[illegible]no
Diretor da Unidade de Progr[illegible]
Projetos e Obras - DGPPO
Secretaria das Cidades [illegible]

-4.172	129.122	-150.00	-4.000	129.380	-2.00	251+0.000	129.460	129.135	0.325	4.000	129.380	-2.00	4.156	129.147	-150.00
-4.172	129.633	-150.00	-4.000	129.892	-2.00	252+0.000	129.972	129.649	0.323	4.000	129.892	-2.00	4.151	129.665	-150.00
-4.162	130.267	-150.00	-4.000	130.510	-2.00	253+0.000	130.590	130.257	0.333	4.000	130.510	-2.00	4.175	130.247	-150.00
-4.156	130.841	-150.00	-4.000	131.075	-2.00	254+0.000	131.155	130.810	0.345	4.000	131.075	-2.00	4.198	130.778	-150.00
-4.163	131.359	-150.00	-4.000	131.603	-2.00	255+0.000	131.683	131.357	0.327	4.000	131.603	-2.00	4.171	131.347	-150.00
-4.231	131.650	-150.00	-4.000	131.997	-2.00	256+0.000	132.077	131.713	0.364	4.000	131.997	-2.00	4.183	131.723	-150.00
-4.280	131.680	-150.00	-4.000	132.101	-2.00	257+0.000	132.181	131.766	0.414	4.000	132.101	-2.00	4.132	131.903	-150.00
-4.308	131.464	-150.00	-4.000	131.926	-2.00	258+0.000	132.006	131.612	0.395	4.000	131.926	-2.00	4.115	131.753	-150.00
-4.284	131.149	-150.00	-4.000	131.574	-2.00	259+0.000	131.654	131.249	0.405	4.000	131.574	-2.00	4.152	131.346	-150.00
-4.294	130.419	-150.00	-4.000	130.861	-2.00	260+0.000	130.941	130.597	0.344	4.000	130.861	-2.00	4.064	130.765	-150.00
-4.337	129.641	-150.00	-4.000	130.147	-2.00	261+0.000	130.227	129.829	0.398	4.000	130.147	-2.00	4.105	129.990	-150.00
-4.343	128.931	-150.00	-4.000	129.445	-2.00	262+0.000	129.525	129.113	0.412	4.000	129.445	-2.00	4.106	129.286	-150.00
-4.267	128.507	-150.00	-4.000	128.907	-2.00	263+0.000	128.987	128.585	0.403	4.000	128.907	-2.00	4.099	128.758	-150.00
-4.264	128.169	-150.00	-4.000	128.564	-2.00	264+0.000	128.644	128.249	0.395	4.000	128.564	-2.00	4.157	128.328	-150.00
-4.223	128.003	-150.00	-4.000	128.338	-2.00	265+0.000	128.418	128.054	0.364	4.000	128.338	-2.00	4.156	128.104	-150.00
-4.211	128.016	-150.00	-4.000	128.333	-2.00	266+0.000	128.413	128.053	0.360	4.000	128.333	-2.00	4.162	128.090	-150.00
-4.161	128.311	-150.00	-4.000	128.553	-2.00	267+0.000	128.633	128.324	0.309	4.000	128.553	-2.00	4.144	128.337	-150.00
-4.164	128.752	-150.00	-4.000	128.997	-2.00	268+0.000	129.077	128.855	0.222	4.000	128.997	-2.00	4.028	128.955	-150.00
-4.168	129.355	-150.00	-4.000	129.607	-2.00	269+0.000	129.687	129.458	0.229	4.000	129.607	-2.00	4.033	129.558	-150.00
-4.195	129.934	-150.00	-4.000	130.226	-2.00	270+0.000	130.306	130.070	0.236	4.000	130.226	-2.00	4.017	130.200	-150.00
-4.209	130.532	-150.00	-4.000	130.845	-2.00	271+0.000	130.925	130.672	0.253	4.000	130.845	-2.00	4.023	130.810	-150.00
-4.230	131.119	-150.00	-4.000	131.464	-2.00	272+0.000	131.544	131.251	0.292	4.000	131.464	-2.00	4.046	131.395	-150.00
-4.261	131.689	-150.00	-4.000	132.081	-2.00	273+0.000	132.161	131.828	0.333	4.000	132.081	-2.00	4.080	131.961	-150.00
-4.264	132.111	-150.00	-4.000	132.506	-2.00	274+0.000	132.586	132.253	0.333	4.000	132.506	-2.00	4.076	132.392	-150.00
-4.234	132.522	-150.00	-4.000	132.873	-2.00	275+0.000	132.953	132.657	0.296	4.000	132.873	-2.00	4.058	132.786	-150.00
-4.243	132.876	-150.00	-4.000	133.240	-2.00	276+0.000	133.320	133.007	0.313	4.000	133.240	-2.00	4.069	133.136	-150.00
-4.208	133.295	-150.00	-4.000	133.607	-2.00	277+0.000	133.687	133.406	0.281	4.000	133.607	-2.00	4.093	133.468	-150.00
-4.173	133.715	-150.00	-4.000	133.974	-2.00	278+0.000	134.054	133.772	0.283	4.000	133.974	-2.00	4.098	133.827	-150.00
-4.132	134.143	-150.00	-4.000	134.342	-2.00	279+0.000	134.422	134.156	0.266	4.000	134.342	-2.00	4.110	134.176	-150.00
-4.095	134.566	-150.00	-4.000	134.709	-2.00	280+0.000	134.789	134.592	0.196	4.000	134.709	-2.00	4.066	134.610	-150.00
-4.073	134.967	-150.00	-4.000	135.076	-2.00	281+0.000	135.156	134.983	0.173	4.000	135.076	-2.00	4.050	135.001	-150.00
-4.051	135.366	-150.00	-4.000	135.443	-2.00	282+0.000	135.523	135.389	0.134	4.000	135.443	-2.00	4.021	135.411	-150.00
-4.040	135.750	-150.00	-4.000	135.810	-2.00	283+0.000	135.890	135.827	0.063	4.000	135.810	-2.00	4.063	135.852	66.67
-4.069	136.073	-150.00	-4.000	136.177	-2.00	284+0.000	136.257	136.155	0.102	4.000	136.177	-2.00	4.090	136.237	66.67
-4.087	136.414	-150.00	-4.000	136.544	-2.00	285+0.000	136.624	136.500	0.124	4.000	136.544	-2.00	4.063	136.586	66.67
-4.107	136.750	-150.00	-4.000	136.911	-2.00	286+0.000	136.991	136.832	0.159	4.000	136.911	-2.00			
-4.210	136.964	-150.00	-4.000	137.278	-2.00	287+0.000	137.358	137.112	0.246	4.000	137.278	-2.00	4.014	137.258	-150.00
-4.292	137.207	-150.00	-4.000	137.645	-2.00	288+0.000	137.725	137.386	0.339	4.000	137.645	-2.00	4.060	137.556	-150.00
-4.333	137.490	-150.00	-4.000	137.989	-2.00	289+0.000	138.069	137.662	0.407	4.000	137.989	-2.00	4.109	137.826	-150.00
-4.351	137.805	-150.00	-4.000	138.332	-2.00	290+0.000	138.412	138.011	0.401	4.000	138.332	-2.00	4.075	138.219	-150.00
-4.359	138.131	-150.00	-4.000	138.670	-2.00	291+0.000	138.750	138.420	0.330	4.000	138.670	-2.00	4.025	138.686	66.67
-4.405	138.285	-150.00	-4.000	138.893	-2.00	292+0.000	138.973	138.614	0.359	4.000	138.893	-2.00	4.011	138.877	-150.00
-4.405	138.394	-150.00	-4.000	139.001	-2.00	293+0.000	139.081	138.717	0.364	4.000	139.001	-2.00	4.017	139.012	66.67
-4.443	138.323	-150.00	-4.000	138.988	-2.00	294+0.000	139.068	138.654	0.414	4.000	138.988	-2.00	4.015	138.965	-150.00
-4.432	138.193	-150.00	-4.000	138.840	-2.00	295+0.000	138.920	138.523	0.397	4.000	138.840	-2.00	4.018	138.812	-150.00
-4.397	137.702	-150.00	-4.000	138.297	-2.00	296+0.000	138.377	138.003	0.374	4.000	138.297	-2.00	4.013	138.277	-150.00
-4.370	137.181	-150.00	-4.000	137.735	-2.00	297+0.000	137.815	137.443	0.372	4.000	137.735	-2.00	4.026	137.696	-150.00
-4.329	136.680	-150.00	-4.000	137.173	-2.00	298+0.000	137.253	136.858	0.395	4.000	137.173	-2.00	4.048	137.101	-150.00
-4.272	136.338	-150.00	-4.000	136.746	-2.00	299+0.000	136.826	136.410	0.416	4.000	136.746	-2.00	4.146	136.527	-150.00
-4.401	136.062	-150.00	-4.000	136.663	-2.00	300+0.000	136.743	136.158	0.584	4.000	136.663	-2.00	4.274	136.252	-150.00
-4.359	136.049	-150.00	-4.000	136.588	-2.00	301+0.000	136.668	136.152	0.516	4.000	136.588	-2.00	4.224	136.251	-150.00
-4.301	136.062	-150.00	-4.000	136.513	-2.00	302+0.000	136.593	136.153	0.439	4.000	136.513	-2.00	4.176	136.250	-150.00
-4.245	136.203	-150.00	-4.000	136.571	-2.00	303+0.000	136.651	136.299	0.352	4.000	136.571	-2.00	4.119	136.392	-150.00
-4.189	136.538	-150.00	-4.000	136.822	-2.00	304+0.000	136.902	136.556	0.346	4.000	136.822	-2.00	4.116	136.649	-150.00
-4.157	137.019	-150.00	-4.000	137.255	-2.00	305+0.000	137.335	137.010	0.325	4.000	137.255	-2.00	4.170	137.000	-150.00
-4.262	137.591	-150.00	-4.000	137.984	-2.00	306+0.000	138.064	137.581	0.483	4.000	137.984	-2.00	4.275	137.572	-150.00
-4.261	138.328	-150.00	-4.000	138.719	-2.00	307+0.000	138.799	138.327	0.472	4.000	138.719	-2.00	4.263	138.324	-150.00
-4.238	139.096	-150.00	-4.000	139.454	-2.00	308+0.000	139.534	139.098	0.436	4.000	139.454	-2.00	4.236	139.100	-150.00
-4.170	139.933	-150.00	-4.000	140.188	-2.00	309+0.000	140.268	139.930	0.339	4.000	140.188	-2.00	4.175	139.926	-150.00
-4.094	140.782	-150.00	-4.000	140.923	-2.00	310+0.000	141.003	140.765	0.238	4.000	140.923	-2.00	4.108	140.761	-150.00
-4.019	141.628	-150.00	-4.000	141.658	-2.00	311+0.000	141.738	141.603	0.134	4.000	141.658	-2.00	4.051	141.581	-150.00
-4.014	142.371	-150.00	-4.000	142.392	-2.00	312+0.000	142.472	142.352	0.120	4.000	142.392	-2.00	4.039	142.334	-150.00
-4.073	143.017	-150.00	-4.000	143.127	-2.00	313+0.000	143.207	142.985	0.222	4.000	143.127	-2.00	4.116	142.953	-150.00
-4.155	143.544	-150.00	-4.000	143.777	-2.00	314+0.000	143.857	143.522	0.335	4.000	143.777	-2.00	4.184	143.501	-150.00
-4.175	143.810	-150.00	-4.000	144.073	-2.00	315+0.000	144.153	143.785	0.368	4.000	144.073	-2.00	4.208	143.761	-150.00
-4.224	143.842	-150.00	-4.000	144.178	-2.00	316+0.000	144.258	143.862	0.395	4.000	144.178	-2.00	4.235	143.825	-150.00
-4.221	143.652	-150.00	-4.000	143.984	-2.00	317+0.000	144.064	143.689	0.375	4.000	143.984	-2.00	4.210	143.668	-150.00
-4.232	143.428	-150.00	-4.000	143.777	-2.00	318+0.000	143.857	143.472	0.385	4.000	143.777	-2.00	4.184	143.501	-150.00
-4.238	143.262	-150.00	-4.000	143.619	-2.00	319+0.000	143.699	143.282	0.417	4.000	143.619	-2.00	4.208	143.307	-150.00
-4.229	143.169	-150.00	-4.000	143.512	-2.00	320+0.000	143.592	143.196	0.396	4.000	143.512	-2.00	4.191	143.225	-150.00
-4.219	143.099	-150.00	-4.000	143.428	-2.00	321+0.000	143.508	143.129	0.379	4.000	143.428	-2.00	4.180	143.158	-150.00
-4.221	143.058	-150.00	-4.000	143.389	-2.00	322+0.000	143.469	143.098	0.371	4.000	143.389	-2.00	4.168	143.138	-150.00
-4.284	143.047	-150.00	-4.000	143.473	-2.00	323+0.000	143.553	143.098	0.454	4.000	143.473	-2.00	4.216	143.149	-150.00
-4.282	143.141	-150.00	-4.000	143.565	-2.00	324+0.000	143.645	143.190	0.455	4.000	143.565	-2.00	4.218	143.238	-150.00
-4.311	143.191	-150.00	-4.000	143.657	-2.00	325+0.000	143.737	143.268	0.469	4.000	143.657	-2.00	4.207	143.347	-150.00
-4.281	143.327	-150.00	-4.000	143.749	-2.00	326+0.000	143.829	143.403	0.426	4.000	143.749	-2.00	4.173	143.490	-150.00
-4.274	143.431	-150.00	-4.000	143.841	-2.00	327+0.000	143.921	143.552	0.370	4.000	143.841	-2.00	4.113	143.673	-150.00
-4.250	143.558	-150.00	-4.000	143.933	-2.00	328+0.000	144.013	143.685	0.328	4.000	143.933	-2.00	4.084	143.807	-150.00
-4.271	143.611	-150.00	-4.000	144.017	-2.00	329+0.000	144.097	143.744	0.353	4.000	144.017	-2.00	4.093	143.878	-150.00
-4.229	143.689	-150.00	-4.000	144.032	-2.00	330+0.000	144.112	143.848	0.264	4.000	144.032	-2.00	4.021	144.000	-150.00
-4.303	143.582	-150.00	-4.000	144.037	-2.00	331+0.000	144.117	143.745	0.372	4.000	144.037	-2.00	4.098	143.890	-150.00
-4.295	143.439	-150.00	-4.000	143.882	-2.00	332+0.000	143.962	143.590	0.372	4.000	143.882	-2.00	4.098	143.735	-150.00
-4.239	143.277	-150.00	-4.000	143.636	-2.00	333+0.000	143.716	143.426	0.290	4.000	143.636	-2.00	4.045	143.569	-150.00
-4.293	142.951	-150.00	-4.000	143.390	-2.00	334+0.000	143.470	143.122	0.348	4.000	143.390	-2.00	4.070	143.284	-150.00
-4.301	142.699	-150.00	-4.000	143.151	-2.00	335+0.000	143.231	142.854	0.376	4.000	143.151	-2.00	4.071	143.044	-150.00
-4.327	142.611	-150.00	-4.000	143.101	-2.00	336+0.000	143.181	142.813	0.369	4.000	143.101	-2.00	4.066	143.002	-150.00

Osvaldo Leôncio da Silv
Diretor da Unidade de Engº
Projetos e Obras - DUPPO
Secretaria das Cidades (S...

-4.311	142.619	-150.00	-4.000	143.086	-2.00	337+0.000	143.166	142.814	0.352	4.000	143.086	-2.00	4.059	142.997	-150.00
-4.319	142.603	-150.00	-4.000	143.082	-2.00	338+0.000	143.162	142.830	0.332	4.000	143.082	-2.00	4.031	143.035	-150.00
-4.290	142.644	-150.00	-4.000	143.078	-2.00	339+0.000	143.158	142.861	0.297	4.000	143.078	-2.00	4.007	143.068	-150.00
-4.284	142.647	-150.00	-4.000	143.074	-2.00	340+0.000	143.154	142.870	0.285	4.000	143.074	-2.00			
-4.285	142.643	-150.00	-4.000	143.070	-2.00	341+0.000	143.150	142.866	0.285	4.000	143.070	-2.00			
-4.326	142.577	-150.00	-4.000	143.066	-2.00	342+0.000	143.146	142.809	0.337	4.000	143.066	-2.00	4.028	143.025	-150.00
-4.357	142.451	-150.00	-4.000	142.986	-2.00	343+0.000	143.066	142.676	0.390	4.000	142.986	-2.00	4.074	142.875	-150.00
-4.328	142.233	-150.00	-4.000	142.724	-2.00	344+0.000	142.804	142.424	0.380	4.000	142.724	-2.00	4.115	142.551	-150.00
-4.313	141.891	-150.00	-4.000	142.360	-2.00	345+0.000	142.440	142.016	0.424	4.000	142.360	-2.00	4.140	142.149	-150.00
-4.277	141.385	-150.00	-4.000	141.800	-2.00	346+0.000	141.880	141.508	0.371	4.000	141.800	-2.00	4.115	141.628	-150.00
-4.284	140.814	-150.00	-4.000	141.239	-2.00	347+0.000	141.319	140.909	0.410	4.000	141.239	-2.00	4.143	141.025	-150.00
-4.232	140.217	-150.00	-4.000	140.566	-2.00	348+0.000	140.646	140.317	0.329	4.000	140.566	-2.00	4.102	140.413	-150.00
-4.267	139.492	-150.00	-4.000	139.892	-2.00	349+0.000	139.972	139.598	0.374	4.000	139.892	-2.00	4.129	139.699	-150.00
-4.305	138.764	-150.00	-4.000	139.222	-2.00	350+0.000	139.302	138.893	0.408	4.000	139.222	-2.00	4.136	139.018	-150.00
-4.300	138.130	-150.00	-4.000	138.580	-2.00	351+0.000	138.660	138.248	0.412	4.000	138.580	-2.00	4.139	138.371	-150.00
-4.313	137.689	-150.00	-4.000	138.159	-2.00	352+0.000	138.239	137.853	0.386	4.000	138.159	-2.00	4.103	138.005	-150.00
-4.308	137.412	-150.00	-4.000	137.874	-2.00	353+0.000	137.954	137.575	0.378	4.000	137.874	-2.00	4.114	137.703	-150.00
-4.249	137.279	-150.00	-4.000	137.653	-2.00	354+0.000	137.733	137.435	0.298	4.000	137.653	-2.00	4.076	137.539	-150.00
-4.224	137.096	-150.00	-4.000	137.433	-2.00	355+0.000	137.513	137.210	0.303	4.000	137.433	-2.00	4.076	137.319	-150.00
-4.225	136.875	-150.00	-4.000	137.212	-2.00	356+0.000	137.292	136.965	0.327	4.000	137.212	-2.00	4.107	137.052	-150.00
-4.251	136.600	-150.00	-4.000	136.976	-2.00	357+0.000	137.056	136.666	0.390	4.000	136.976	-2.00	4.164	136.731	-150.00
-4.266	136.077	-150.00	-4.000	136.476	-2.00	358+0.000	136.556	136.135	0.421	4.000	136.476	-2.00	4.189	136.192	-150.00
-4.273	135.419	-150.00	-4.000	135.828	-2.00	359+0.000	135.908	135.476	0.432	4.000	135.828	-2.00	4.220	135.499	-150.00
-4.246	134.666	-150.00	-4.000	135.034	-2.00	360+0.000	135.114	134.692	0.422	4.000	135.034	-2.00	4.210	134.719	-150.00
-4.245	133.970	-150.00	-4.000	134.337	-2.00	361+0.000	134.417	133.992	0.426	4.000	134.337	-2.00	4.216	134.013	-150.00
-4.423	133.319	-150.00	-4.000	133.953	-2.00	362+0.000	134.033	133.354	0.679	4.000	133.953	-2.00	4.377	133.387	-150.00
-4.421	133.156	-150.00	-4.000	133.788	-2.00	363+0.000	133.868	133.145	0.723	4.000	133.788	-2.00	4.419	133.160	-150.00
-4.365	133.082	-150.00	-4.000	133.630	-2.00	364+0.000	133.710	133.088	0.622	4.000	133.630	-2.00	4.358	133.093	-150.00
-4.260	133.082	-150.00	-4.000	133.472	-2.00	365+0.000	133.552	133.074	0.478	4.000	133.472	-2.00	4.271	133.065	-150.00
-4.236	132.959	-150.00	-4.000	133.314	-2.00	366+0.000	133.394	132.950	0.444	4.000	133.314	-2.00	4.249	132.941	-150.00
-4.221	132.824	-150.00	-4.000	133.156	-2.00	367+0.000	133.236	132.830	0.406	4.000	133.156	-2.00	4.232	132.808	-150.00
-4.243	132.307	-150.00	-4.000	132.672	-2.00	368+0.000	132.752	132.341	0.411	4.000	132.672	-2.00	4.199	132.374	-150.00
-4.247	131.834	-150.00	-4.000	132.205	-2.00	369+0.000	132.285	131.890	0.395	4.000	132.205	-2.00	4.177	131.940	-150.00
-4.332	131.444	-150.00	-4.000	131.942	-2.00	370+0.000	132.022	131.547	0.475	4.000	131.942	-2.00	4.196	131.648	-150.00
-4.448	131.211	-150.00	-4.000	131.883	-2.00	371+0.000	131.963	131.311	0.653	4.000	131.883	-2.00	4.313	131.414	-150.00
-4.510	131.264	-150.00	-4.000	132.028	-2.00	372+0.000	132.108	131.339	0.770	4.000	132.028	-2.00	4.411	131.412	-150.00
-4.418	131.750	-150.00	-4.000	132.377	-2.00	373+0.000	132.457	131.819	0.638	4.000	132.377	-2.00	4.327	131.887	-150.00
-4.181	132.631	-150.00	-4.000	132.902	-2.00	374+0.000	132.982	132.648	0.334	4.000	132.902	-2.00	4.176	132.638	-150.00
-4.165	133.223	-150.00	-4.000	133.471	-2.00	375+0.000	133.551	133.213	0.338	4.000	133.471	-2.00	4.179	133.203	-150.00
-4.180	133.772	-150.00	-4.000	134.041	-2.00	376+0.000	134.121	133.775	0.347	4.000	134.041	-2.00	4.207	133.730	-150.00
-4.137	134.130	-150.00	-4.000	134.335	-2.00	377+0.000	134.415	134.058	0.357	4.000	134.335	-2.00	4.234	133.984	-150.00
-4.125	134.310	-150.00	-4.000	134.498	-2.00	378+0.000	134.578	134.260	0.318	4.000	134.498	-2.00	4.193	134.209	-150.00
-4.024	134.321	-150.00	-4.000	134.357	-2.00	379+0.000	134.437	134.196	0.241	4.000	134.357	-2.00	4.194	134.066	-150.00
-4.075	134.102	-150.00	-4.000	134.215	-2.00	380+0.000	134.295	133.975	0.320	4.000	134.215	-2.00	4.248	133.843	-150.00
-4.126	133.884	-150.00	-4.000	134.074	-2.00	381+0.000	134.154	133.769	0.385	4.000	134.074	-2.00	4.283	133.649	-150.00
-4.066	133.860	-150.00	-4.000	133.959	-2.00	382+0.000	134.039	133.689	0.350	4.000	133.959	-2.00	4.300	133.508	-150.00
-4.023	134.016	-150.00	-4.000	134.050	-2.00	383+0.000	134.130	133.846	0.283	4.000	134.050	-2.00	4.243	133.685	-150.00
-4.047	134.308	-150.00	-4.000	134.379	-2.00	384+0.000	134.459	134.135	0.324	4.000	134.379	-2.00	4.285	133.952	-150.00
-4.091	134.732	-150.00	-4.000	134.868	-2.00	385+0.000	134.948	134.557	0.391	4.000	134.868	-2.00	4.331	134.371	-150.00
-4.109	135.197	-150.00	-4.000	135.361	-2.00	386+0.000	135.441	135.016	0.425	4.000	135.361	-2.00	4.356	134.827	-150.00
-4.073	135.745	-150.00	-4.000	135.854	-2.00	387+0.000	135.934	135.566	0.368	4.000	135.854	-2.00	4.319	135.376	-150.00
-4.043	136.325	-150.00	-4.000	136.389	-2.00	388+0.000	136.469	136.170	0.299	4.000	136.389	-2.00	4.250	136.013	-150.00
-4.071	137.098	66.67	-4.000	137.051	-2.00	389+0.000	137.131	136.940	0.191	4.000	137.051	-2.00	4.182	136.777	-150.00
-4.030	137.733	66.67	-4.000	137.713	-2.00	390+0.000	137.793	137.572	0.221	4.000	137.713	-2.00	4.201	137.412	-150.00
-4.052	138.409	66.67	-4.000	138.375	-2.00	391+0.000	138.455	138.254	0.201	4.000	138.375	-2.00	4.188	138.093	-150.00
-4.059	138.855	-150.00	-4.000	138.944	-2.00	392+0.000	139.024	138.726	0.298	4.000	138.944	-2.00	4.254	138.563	-150.00
-4.093	139.154	-150.00	-4.000	139.294	-2.00	393+0.000	139.374	139.031	0.343	4.000	139.294	-2.00	4.261	138.903	-150.00
-4.106	139.484	-150.00	-4.000	139.643	-2.00	394+0.000	139.723	139.347	0.376	4.000	139.643	-2.00	4.283	139.218	-150.00
-4.096	139.884	-150.00	-4.000	140.028	-2.00	395+0.000	140.108	139.766	0.342	4.000	140.028	-2.00	4.257	139.643	-150.00
-4.120	140.380	-150.00	-4.000	140.560	-2.00	396+0.000	140.640	140.247	0.393	4.000	140.560	-2.00	4.291	140.123	-150.00
-4.075	140.978	-150.00	-4.000	141.091	-2.00	397+0.000	141.171	140.840	0.332	4.000	141.091	-2.00	4.273	140.681	-150.00
-4.074	141.539	-150.00	-4.000	141.649	-2.00	398+0.000	141.729	141.374	0.356	4.000	141.649	-2.00	4.293	141.210	-150.00
-4.080	142.196	-150.00	-4.000	142.316	-2.00	399+0.000	142.396	142.018	0.378	4.000	142.316	-2.00	4.325	141.829	-150.00
-4.072	142.897	-150.00	-4.000	143.006	-2.00	400+0.000	143.086	142.738	0.348	4.000	143.006	-2.00	4.286	142.576	-150.00
-4.029	143.761	-150.00	-4.000	143.804	-2.00	401+0.000	143.884	143.576	0.308	4.000	143.804	-2.00	4.284	143.378	-150.00
-4.041	144.133	-150.00	-4.000	144.195	-2.00	402+0.000	144.275	143.956	0.318	4.000	144.195	-2.00	4.284	143.768	-150.00
-4.057	144.578	66.67	-4.000	144.540	-2.00	403+0.000	144.620	144.419	0.201	4.000	144.540	-2.00	4.191	144.254	-150.00
-4.016	144.858	-150.00	-4.000	144.882	-2.00	404+0.000	144.962	144.683	0.278	4.000	144.882	-2.00	4.250	144.506	-150.00
-4.035	145.172	-150.00	-4.000	145.224	-2.00	405+0.000	145.304	144.988	0.316	4.000	145.224	-2.00	4.288	144.792	-150.00
-4.037	145.423	-150.00	-4.000	145.479	-2.00	406+0.000	145.559	145.246	0.313	4.000	145.479	-2.00	4.281	145.058	-150.00
-4.076	145.510	-150.00	-4.000	145.625	-2.00	407+0.000	145.705	145.332	0.373	4.000	145.625	-2.00	4.306	145.165	-150.00
-4.088	145.638	-150.00	-4.000	145.770	-2.00	408+0.000	145.850	145.550	0.300	4.000	145.770	-2.00	4.210	145.456	-150.00
-4.177	145.691	-150.00	-4.000	145.956	-2.00	409+0.000	146.036	145.601	0.435	4.000	145.956	-2.00	4.298	145.509	-150.00
-4.192	145.942	-150.00	-4.000	146.230	-2.00	410+0.000	146.310	145.908	0.402	4.000	146.230	-2.00	4.222	145.897	-150.00
-4.157	146.619	-150.00	-4.000	146.855	-2.00	411+0.000	146.935	146.587	0.348	4.000	146.855	-2.00	4.201	146.554	-150.00
-4.151	147.400	-150.00	-4.000	147.628	-2.00	412+0.000	147.708	147.395	0.313	4.000	147.628	-2.00	4.159	147.389	-150.00
-4.178	148.299	-150.00	-4.000	148.567	-2.00	413+0.000	148.647	148.295	0.351	4.000	148.567	-2.00	4.183	148.292	-150.00
-4.092	149.367	-150.00	-4.000	149.506	-2.00	414+0.000	149.586	149.361	0.225	4.000	149.506	-2.00	4.119	149.326	-150.00
-4.111	150.257	-150.00	-4.000	150.423	-2.00	415+0.000	150.503	150.209	0.295	4.000	150.423	-2.00	4.175	150.160	-150.00
-4.116	151.073	-150.00	-4.000	151.248	-2.00	416+0.000	151.328	151.023	0.305	4.000	151.248	-2.00	4.184	150.972	-150.00
-4.117	151.897	-150.00	-4.000	152.072	-2.00	417+0.000	152.152	151.846	0.306	4.000	152.072	-2.00	4.191	151.786	-150.00
-4.135	152.535	-150.00	-4.000	152.738	-2.00	418+0.000	152.818	152.501	0.317	4.000	152.738	-2.00	4.181	152.467	-150.00
-4.020	153.146	66.67	-4.000	153.132	-2.00	419+0.000	153.212	153.103	0.110	4.000	153.132	-2.00	4.049	153.059	-150.00
-4.016	153.383	-150.00	-4.000	153.408	-2.00	420+0.000	153.488	153.264	0.224	4.000	153.408	-2.00	4.178	153.141	-150.00
-4.133	153.409	-150.00	-4.000	153.609	-2.00	421+0.000	153.689	153.301	0.388	4.000	153.609	-2.00	4.321	153.127	-150.00
-4.142	153.147	-150.00	-4.000	153.360	-2.00	422+0.000	153.440	152.997	0.444	4.000	153.360	-2.00	4.351	152.834	-150.00

Osvaldo Leôncio da Silv
Diretor da Unidade de Proje
Projetos e Obras - DER
Secretaria

-4.109	152.944	-150.00	-4.000	153.108	-2.00	423+0.000	153.188	152.794	0.394	4.000	153.108	-2.00	4.335	152.606	-150.00
-4.112	152.565	-150.00	-4.000	152.734	-2.00	424+0.000	152.814	152.412	0.402	4.000	152.734	-2.00	4.322	152.251	-150.00
-4.067	152.254	-150.00	-4.000	152.355	-2.00	425+0.000	152.435	152.108	0.326	4.000	152.355	-2.00	4.276	151.941	-150.00
-4.116	151.813	-150.00	-4.000	151.987	-2.00	426+0.000	152.067	151.682	0.385	4.000	151.987	-2.00	4.289	151.553	-150.00
-4.150	151.358	-150.00	-4.000	151.583	-2.00	427+0.000	151.663	151.249	0.414	4.000	151.583	-2.00	4.298	151.136	-150.00
-4.164	150.688	-150.00	-4.000	150.934	-2.00	428+0.000	151.014	150.649	0.365	4.000	150.934	-2.00	4.243	150.570	-150.00
-4.195	149.989	-150.00	-4.000	150.282	-2.00	429+0.000	150.362	149.941	0.421	4.000	150.282	-2.00	4.252	149.903	-150.00
-4.213	149.310	-150.00	-4.000	149.630	-2.00	430+0.000	149.710	149.271	0.439	4.000	149.630	-2.00	4.257	149.244	-150.00
-4.249	148.410	-150.00	-4.000	148.784	-2.00	431+0.000	148.864	148.395	0.468	4.000	148.784	-2.00	4.269	148.380	-150.00
-4.246	147.552	-150.00	-4.000	147.920	-2.00	432+0.000	148.000	147.590	0.410	4.000	147.920	-2.00	4.195	147.628	-150.00
-4.278	146.639	-150.00	-4.000	147.056	-2.00	433+0.000	147.136	146.694	0.442	4.000	147.056	-2.00	4.205	146.748	-150.00
-4.263	145.719	-150.00	-4.000	146.113	-2.00	434+0.000	146.193	145.761	0.432	4.000	146.113	-2.00	4.210	145.798	-150.00
-4.269	144.726	-150.00	-4.000	145.129	-2.00	435+0.000	145.209	144.750	0.459	4.000	145.129	-2.00	4.236	144.774	-150.00
-4.242	143.609	-150.00	-4.000	143.971	-2.00	436+0.000	144.051	143.601	0.450	4.000	143.971	-2.00	4.251	143.594	-150.00
-4.240	142.363	-150.00	-4.000	142.722	-2.00	437+0.000	142.802	142.357	0.446	4.000	142.722	-2.00	4.248	142.350	-150.00
-4.243	141.113	-150.00	-4.000	141.477	-2.00	438+0.000	141.557	141.095	0.461	4.000	141.477	-2.00	4.266	141.078	-150.00
-4.234	139.926	-150.00	-4.000	140.277	-2.00	439+0.000	140.357	139.901	0.456	4.000	140.277	-2.00	4.263	139.883	-150.00
-4.233	138.860	-150.00	-4.000	139.210	-2.00	440+0.000	139.290	138.852	0.438	4.000	139.210	-2.00	4.245	138.843	-150.00
-4.229	137.949	-150.00	-4.000	138.293	-2.00	441+0.000	138.373	137.940	0.432	4.000	138.293	-2.00	4.241	137.931	-150.00
-4.211	137.245	-150.00	-4.000	137.561	-2.00	442+0.000	137.641	137.222	0.419	4.000	137.561	-2.00	4.241	137.199	-150.00
-4.205	136.555	-150.00	-4.000	136.863	-2.00	443+0.000	136.943	136.522	0.421	4.000	136.863	-2.00	4.241	136.501	-150.00
-4.214	135.907	-150.00	-4.000	136.229	-2.00	444+0.000	136.309	135.889	0.419	4.000	136.229	-2.00	4.238	135.872	-150.00
-4.219	135.199	-150.00	-4.000	135.527	-2.00	445+0.000	135.607	135.185	0.422	4.000	135.527	-2.00	4.187	135.247	-150.00
-4.251	134.708	-150.00	-4.000	135.085	-2.00	446+0.000	135.165	134.775	0.390	4.000	135.085	-2.00	4.163	134.841	-150.00
-4.251	134.332	-150.00	-4.000	134.709	-2.00	447+0.000	134.789	134.398	0.391	4.000	134.709	-2.00	4.165	134.461	-150.00
-4.242	134.125	-150.00	-4.000	134.489	-2.00	448+0.000	134.569	134.176	0.393	4.000	134.489	-2.00	4.163	134.244	-150.00
-4.219	133.987	-150.00	-4.000	134.315	-2.00	449+0.000	134.395	134.008	0.387	4.000	134.315	-2.00	4.169	134.062	-150.00
-4.206	133.910	-150.00	-4.000	134.219	-2.00	450+0.000	134.299	133.925	0.374	4.000	134.219	-2.00	4.165	133.972	-150.00
-4.203	133.839	-150.00	-4.000	134.143	-2.00	451+0.000	134.223	133.855	0.369	4.000	134.143	-2.00	4.159	133.906	-150.00
-4.170	133.847	-150.00	-4.000	134.102	-2.00	452+0.000	134.182	133.835	0.347	4.000	134.102	-2.00	4.142	133.889	-150.00
-4.234	133.952	-150.00	-4.000	134.303	-2.00	453+0.000	134.383	133.970	0.413	4.000	134.303	-2.00	4.190	134.019	-150.00
-4.197	134.440	-150.00	-4.000	134.735	-2.00	454+0.000	134.815	134.481	0.334	4.000	134.735	-2.00	4.142	134.523	-150.00
-4.188	135.126	-150.00	-4.000	135.408	-2.00	455+0.000	135.488	135.150	0.338	4.000	135.408	-2.00	4.156	135.175	-150.00
-4.162	135.856	-150.00	-4.000	136.099	-2.00	456+0.000	136.179	135.876	0.303	4.000	136.099	-2.00	4.134	135.899	-150.00
-4.200	136.465	-150.00	-4.000	136.764	-2.00	457+0.000	136.844	136.497	0.348	4.000	136.764	-2.00	4.158	136.528	-150.00
-4.243	136.901	-150.00	-4.000	137.266	-2.00	458+0.000	137.346	136.989	0.357	4.000	137.266	-2.00	4.147	137.046	-150.00
-4.304	136.764	-150.00	-4.000	137.221	-2.00	459+0.000	137.301	136.905	0.396	4.000	137.221	-2.00	4.125	137.032	-150.00
-4.175	136.460	-150.00	-4.000	136.723	-2.00	460+0.000	136.803	136.544	0.259	4.000	136.723	-2.00	4.065	136.625	-150.00
-4.213	135.771	-150.00	-4.000	136.089	-2.00	461+0.000	136.169	135.857	0.312	4.000	136.089	-2.00	4.095	135.947	-150.00
-4.243	135.091	-150.00	-4.000	135.456	-2.00	462+0.000	135.536	135.157	0.379	4.000	135.456	-2.00	4.144	135.240	-150.00
-4.266	134.424	-150.00	-4.000	134.823	-2.00	463+0.000	134.903	134.490	0.413	4.000	134.823	-2.00	4.178	134.555	-150.00
-4.237	134.065	-150.00	-4.000	134.420	-2.00	464+0.000	134.500	134.179	0.321	4.000	134.420	-2.00	4.097	134.275	-150.00
-4.244	133.861	-150.00	-4.000	134.227	-2.00	465+0.000	134.307	133.945	0.362	4.000	134.227	-2.00	4.119	134.049	-150.00
-4.218	134.198	-150.00	-4.000	134.526	-2.00	466+0.000	134.606	134.269	0.337	4.000	134.526	-2.00	4.125	134.338	-150.00
-4.205	134.946	-150.00	-4.000	135.254	-2.00	467+0.000	135.334	134.981	0.353	4.000	135.254	-2.00	4.159	135.015	-150.00
-4.154	135.960	-150.00	-4.000	136.191	-2.00	468+0.000	136.271	135.972	0.299	4.000	136.191	-2.00	4.138	135.984	-150.00
-4.111	137.140	-150.00	-4.000	137.307	-2.00	469+0.000	137.387	137.138	0.249	4.000	137.307	-2.00	4.114	137.136	-150.00
-4.069	138.366	-150.00	-4.000	138.469	-2.00	470+0.000	138.549	138.364	0.185	4.000	138.469	-2.00	4.071	138.362	-150.00
-4.087	139.501	-150.00	-4.000	139.631	-2.00	471+0.000	139.711	139.505	0.206	4.000	139.631	-2.00	4.081	139.510	-150.00
-4.188	140.441	-150.00	-4.000	140.723	-2.00	472+0.000	140.803	140.485	0.318	4.000	140.723	-2.00	4.158	140.487	-150.00
-4.198	141.142	-150.00	-4.000	141.440	-2.00	473+0.000	141.520	141.191	0.329	4.000	141.440	-2.00	4.134	141.240	-150.00
-4.198	141.717	-150.00	-4.000	142.014	-2.00	474+0.000	142.094	141.752	0.342	4.000	142.014	-2.00	4.152	141.786	-150.00
-4.262	141.999	-150.00	-4.000	142.392	-2.00	475+0.000	142.472	142.114	0.358	4.000	142.392	-2.00	4.143	142.178	-150.00
-4.258	141.997	-150.00	-4.000	142.384	-2.00	476+0.000	142.464	142.075	0.389	4.000	142.384	-2.00	4.155	142.152	-150.00
-4.256	141.871	-150.00	-4.000	142.255	-2.00	477+0.000	142.335	141.970	0.365	4.000	142.255	-2.00	4.137	142.050	-150.00
-4.262	141.732	-150.00	-4.000	142.126	-2.00	478+0.000	142.206	141.826	0.380	4.000	142.126	-2.00	4.140	141.916	-150.00
-4.273	141.588	-150.00	-4.000	141.997	-2.00	479+0.000	142.077	141.693	0.384	4.000	141.997	-2.00	4.127	141.807	-150.00
-4.243	141.502	-150.00	-4.000	141.867	-2.00	480+0.000	141.947	141.569	0.378	4.000	141.867	-2.00	4.127	141.677	-150.00
-4.214	141.504	-150.00	-4.000	141.824	-2.00	481+0.000	141.904	141.555	0.349	4.000	141.824	-2.00	4.146	141.605	-150.00
-4.207	141.494	-150.00	-4.000	141.805	-2.00	482+0.000	141.885	141.518	0.367	4.000	141.805	-2.00	4.161	141.564	-150.00
-4.164	141.697	-150.00	-4.000	141.943	-2.00	483+0.000	142.023	141.716	0.307	4.000	141.943	-2.00	4.139	141.735	-150.00
-4.175	141.822	-150.00	-4.000	142.085	-2.00	484+0.000	142.165	141.842	0.323	4.000	142.085	-2.00	4.149	141.862	-150.00
-4.187	141.947	-150.00	-4.000	142.227	-2.00	485+0.000	142.307	141.968	0.339	4.000	142.227	-2.00	4.159	141.989	-150.00
-4.196	142.075	-150.00	-4.000	142.369	-2.00	486+0.000	142.449	142.096	0.352	4.000	142.369	-2.00	4.192	142.080	-150.00
-4.209	142.062	-150.00	-4.000	142.376	-2.00	487+0.000	142.456	142.065	0.392	4.000	142.376	-2.00	4.225	142.039	-150.00
-4.206	141.915	-150.00	-4.000	142.223	-2.00	488+0.000	142.303	141.890	0.414	4.000	142.223	-2.00	4.239	141.865	-150.00
-4.219	141.723	-150.00	-4.000	142.052	-2.00	489+0.000	142.132	141.694	0.437	4.000	142.052	-2.00	4.258	141.665	-150.00
-4.180	141.436	-150.00	-4.000	141.706	-2.00	490+0.000	141.786	141.433	0.353	4.000	141.706	-2.00	4.185	141.428	-150.00
-4.169	141.015	-150.00	-4.000	141.269	-2.00	491+0.000	141.349	140.983	0.366	4.000	141.269	-2.00	4.212	140.951	-150.00
-4.145	140.615	-150.00	-4.000	140.832	-2.00	492+0.000	140.912	140.536	0.377	4.000	140.832	-2.00	4.265	140.435	-150.00
-4.141	140.179	-150.00	-4.000	140.391	-2.00	493+0.000	140.471	140.064	0.407	4.000	140.391	-2.00	4.302	139.938	-150.00
-4.140	139.627	-150.00	-4.000	139.837	-2.00	494+0.000	139.917	139.519	0.398	4.000	139.837	-2.00	4.296	139.394	-150.00
-4.135	139.035	-150.00	-4.000	139.238	-2.00	495+0.000	139.318	138.883	0.435	4.000	139.238	-2.00	4.342	138.724	-150.00
-4.088	138.506	-150.00	-4.000	138.638	-2.00	496+0.000	138.718	138.351	0.367	4.000	138.638	-2.00	4.302	138.185	-150.00
-4.054	137.958	-150.00	-4.000	138.039	-2.00	497+0.000	138.119	137.815	0.303	4.000	138.039	-2.00	4.255	137.656	-150.00
-4.044	137.374	-150.00	-4.000	137.439	-2.00	498+0.000	137.519	137.227	0.292	4.000	137.439	-2.00	4.244	137.073	-150.00
-4.055	136.757	-150.00	-4.000	136.840	-2.00	499+0.000	136.920	136.609	0.310	4.000	136.840	-2.00	4.258	136.453	-150.00
-4.084	136.114	-150.00	-4.000	136.240	-2.00	500+0.000	136.320	135.983	0.337	4.000	136.240	-2.00	4.264	135.844	-150.00
-4.114	135.470	-150.00	-4.000	135.641	-2.00	501+0.000	135.721	135.340	0.381	4.000	135.641	-2.00	4.291	135.204	-150.00
-4.120	134.886	-150.00	-4.000	135.065	-2.00	502+0.000	135.145	134.783	0.362	4.000	135.065	-2.00	4.259	134.677	-150.00
-4.074	134.400	-150.00	-4.000	134.512	-2.00	503+0.000	134.592	134.318	0.274	4.000	134.512	-2.00	4.186	134.233	-150.00
-4.092	133.820	-150.00	-4.000	133.958	-2.00	504+0.000	134.038	133.710	0.328	4.000	133.958	-2.00	4.242	133.595	-150.00
-4.168	133.143	-150.00	-4.000	133.396	-2.00	505+0.000	133.476	133.054	0.422	4.000	133.396	-2.00	4.306	132.937	-150.00
-4.162	132.291	-150.00	-4.000	132.534	-2.00	506+0.000	132.614	132.195	0.419	4.000	132.534	-2.00	4.292	132.095	-150.00
-4.137	131.378	-150.00	-4.000	131.584	-2.00	507+0.000	131.664	131.291	0.373	4.000	131.584	-2.00	4.255	131.201	-150.00
-4.149	130.410	-150.00	-4.000	130.634	-2.00	508+0.000	130.714	130.281	0.433	4.000	130.634	-2.00	4.325	130.147	-150.00

Osvaldo Leôncio da Silva
Diretor da Unidade de Progra
Projetos e Obras - DUPP
Secretaria das Cidades

-4.175	129.307	-150.00	-4.000	129.570	-2.00	509+0.000	129.650	129.211	0.439	4.000	129.570	-2.00	4.306	129.111	-150.00
-4.169	128.217	-150.00	-4.000	128.470	-2.00	510+0.000	128.550	128.112	0.438	4.000	128.470	-2.00	4.311	128.004	-150.00
-4.102	127.372	-150.00	-4.000	127.525	-2.00	511+0.000	127.605	127.209	0.396	4.000	127.525	-2.00	4.301	127.073	-150.00
-4.062	126.835	-150.00	-4.000	126.928	-2.00	512+0.000	127.008	126.656	0.352	4.000	126.928	-2.00	4.308	126.465	-150.00
-4.113	126.392	-150.00	-4.000	126.563	-2.00	513+0.000	126.643	126.265	0.377	4.000	126.563	-2.00	4.287	126.133	-150.00
-4.111	126.247	-150.00	-4.000	126.413	-2.00	514+0.000	126.493	126.131	0.362	4.000	126.413	-2.00	4.268	126.012	-150.00
-4.110	126.099	-150.00	-4.000	126.264	-2.00	515+0.000	126.344	125.968	0.376	4.000	126.264	-2.00	4.288	125.832	-150.00
-4.106	125.861	-150.00	-4.000	126.020	-2.00	516+0.000	126.100	125.762	0.338	4.000	126.020	-2.00	4.262	125.628	-150.00
-4.149	125.538	-150.00	-4.000	125.761	-2.00	517+0.000	125.841	125.451	0.390	4.000	125.761	-2.00	4.266	125.362	-150.00
-4.131	125.305	-150.00	-4.000	125.502	-2.00	518+0.000	125.582	125.214	0.368	4.000	125.502	-2.00	4.254	125.120	-150.00
-4.172	125.020	-150.00	-4.000	125.278	-2.00	519+0.000	125.358	124.987	0.371	4.000	125.278	-2.00	4.207	124.967	-150.00
-4.181	124.966	-150.00	-4.000	125.238	-2.00	520+0.000	125.318	124.946	0.372	4.000	125.238	-2.00	4.208	124.926	-150.00
-4.181	124.997	-150.00	-4.000	125.268	-2.00	521+0.000	125.348	124.964	0.384	4.000	125.268	-2.00	4.224	124.932	-150.00
-4.190	125.073	-150.00	-4.000	125.358	-2.00	522+0.000	125.438	125.072	0.366	4.000	125.358	-2.00	4.194	125.068	-150.00
-4.198	125.149	-150.00	-4.000	125.446	-2.00	523+0.000	125.526	125.154	0.372	4.000	125.446	-2.00	4.191	125.159	-150.00
-4.205	125.165	-150.00	-4.000	125.472	-2.00	524+0.000	125.552	125.168	0.384	4.000	125.472	-2.00	4.200	125.172	-150.00
-4.258	124.779	-150.00	-4.000	125.166	-2.00	525+0.000	125.246	124.869	0.377	4.000	125.166	-2.00	4.140	124.955	-150.00
-4.245	124.365	-150.00	-4.000	124.732	-2.00	526+0.000	124.812	124.431	0.382	4.000	124.732	-2.00	4.176	124.469	-150.00
-4.290	123.864	-150.00	-4.000	124.299	-2.00	527+0.000	124.379	123.898	0.482	4.000	124.299	-2.00	4.254	123.918	-150.00
-4.348	123.344	-150.00	-4.000	123.866	-2.00	528+0.000	123.946	123.401	0.545	4.000	123.866	-2.00	4.288	123.433	-150.00
-4.304	122.976	-150.00	-4.000	123.433	-2.00	529+0.000	123.513	123.030	0.482	4.000	123.433	-2.00	4.243	123.069	-150.00
-4.256	122.714	-150.00	-4.000	123.099	-2.00	530+0.000	123.179	122.778	0.401	4.000	123.099	-2.00	4.172	122.841	-150.00
-4.203	122.664	-150.00	-4.000	122.969	-2.00	531+0.000	123.049	122.703	0.346	4.000	122.969	-2.00	4.151	122.742	-150.00
-4.175	122.758	-150.00	-4.000	123.020	-2.00	532+0.000	123.100	122.794	0.306	4.000	123.020	-2.00	4.126	122.830	-150.00
-4.206	122.746	-150.00	-4.000	123.055	-2.00	533+0.000	123.135	122.763	0.372	4.000	123.055	-2.00	4.183	122.781	-150.00
-4.180	122.812	-150.00	-4.000	123.081	-2.00	534+0.000	123.161	122.807	0.354	4.000	123.081	-2.00	4.186	122.802	-150.00
-4.175	122.875	-150.00	-4.000	123.138	-2.00	535+0.000	123.218	122.865	0.353	4.000	123.138	-2.00	4.189	122.854	-150.00
-4.168	123.057	-150.00	-4.000	123.310	-2.00	536+0.000	123.390	123.039	0.350	4.000	123.310	-2.00	4.171	123.053	-150.00
-4.197	123.459	-150.00	-4.000	123.755	-2.00	537+0.000	123.835	123.438	0.397	4.000	123.755	-2.00	4.225	123.417	-150.00
-4.248	124.061	-150.00	-4.000	124.433	-2.00	538+0.000	124.513	124.049	0.463	4.000	124.433	-2.00	4.263	124.039	-150.00
-4.216	124.787	-150.00	-4.000	125.111	-2.00	539+0.000	125.191	124.771	0.420	4.000	125.111	-2.00	4.243	124.746	-150.00
-4.195	125.496	-150.00	-4.000	125.788	-2.00	540+0.000	125.868	125.464	0.404	4.000	125.788	-2.00	4.237	125.433	-150.00
-4.206	126.158	-150.00	-4.000	126.466	-2.00	541+0.000	126.546	126.162	0.384	4.000	126.466	-2.00	4.199	126.167	-150.00
-4.223	126.809	-150.00	-4.000	127.144	-2.00	542+0.000	127.224	126.848	0.376	4.000	127.144	-2.00	4.178	126.877	-150.00
-4.264	127.426	-150.00	-4.000	127.822	-2.00	543+0.000	127.902	127.471	0.431	4.000	127.822	-2.00	4.204	127.515	-150.00
-4.241	128.139	-150.00	-4.000	128.500	-2.00	544+0.000	128.580	128.218	0.362	4.000	128.500	-2.00	4.137	128.295	-150.00
-4.260	128.754	-150.00	-4.000	129.143	-2.00	545+0.000	129.223	128.891	0.332	4.000	129.143	-2.00	4.083	129.018	-150.00
-4.276	129.187	-150.00	-4.000	129.601	-2.00	546+0.000	129.681	129.337	0.344	4.000	129.601	-2.00	4.079	129.482	-150.00
-4.293	129.536	-150.00	-4.000	129.975	-2.00	547+0.000	130.055	129.685	0.370	4.000	129.975	-2.00	4.098	129.828	-150.00
-4.284	129.924	-150.00	-4.000	130.349	-2.00	548+0.000	130.429	130.061	0.368	4.000	130.349	-2.00	4.097	130.204	-150.00
-4.251	130.347	-150.00	-4.000	130.724	-2.00	549+0.000	130.804	130.478	0.326	4.000	130.724	-2.00	4.106	130.564	-150.00
-4.222	130.765	-150.00	-4.000	131.098	-2.00	550+0.000	131.178	130.837	0.341	4.000	131.098	-2.00	4.126	130.908	-150.00
-4.197	131.276	-150.00	-4.000	131.571	-2.00	551+0.000	131.651	131.327	0.323	4.000	131.571	-2.00	4.128	131.378	-150.00
-4.196	131.764	-150.00	-4.000	132.058	-2.00	552+0.000	132.138	131.820	0.318	4.000	132.058	-2.00	4.122	131.875	-150.00
-4.199	132.246	-150.00	-4.000	132.545	-2.00	553+0.000	132.625	132.292	0.333	4.000	132.545	-2.00	4.138	132.338	-150.00
-4.227	132.548	-150.00	-4.000	132.889	-2.00	554+0.000	132.969	132.608	0.361	4.000	132.889	-2.00	4.147	132.669	-150.00
-4.226	132.826	-150.00	-4.000	133.166	-2.00	555+0.000	133.246	132.907	0.339	4.000	133.166	-2.00	4.095	133.022	-150.00
-4.267	133.189	-150.00	-4.000	133.589	-2.00	556+0.000	133.669	133.325	0.344	4.000	133.589	-2.00	4.089	133.455	-150.00
-4.233	133.744	-150.00	-4.000	134.094	-2.00	557+0.000	134.174	133.852	0.322	4.000	134.094	-2.00	4.092	133.956	-150.00
-4.210	134.426	-150.00	-4.000	134.742	-2.00	558+0.000	134.822	134.504	0.317	4.000	134.742	-2.00	4.106	134.582	-150.00
-4.221	135.130	-150.00	-4.000	135.460	-2.00	559+0.000	135.540	135.228	0.313	4.000	135.460	-2.00	4.092	135.323	-150.00
-4.209	135.832	-150.00	-4.000	136.146	-2.00	560+0.000	136.226	135.916	0.310	4.000	136.146	-2.00	4.099	135.998	-150.00
-4.172	136.686	-150.00	-4.000	136.944	-2.00	561+0.000	137.024	136.713	0.311	4.000	136.944	-2.00	4.137	136.739	-150.00
-4.158	137.539	-150.00	-4.000	137.776	-2.00	562+0.000	137.856	137.518	0.338	4.000	137.776	-2.00	4.163	137.531	-150.00
-4.126	138.569	-150.00	-4.000	138.758	-2.00	563+0.000	138.838	138.544	0.294	4.000	138.758	-2.00	4.160	138.518	-150.00
-4.143	139.401	-150.00	-4.000	139.615	-2.00	564+0.000	139.695	139.369	0.327	4.000	139.615	-2.00	4.186	139.336	-150.00
-4.166	140.141	-150.00	-4.000	140.389	-2.00	565+0.000	140.469	140.127	0.342	4.000	140.389	-2.00	4.179	140.121	-150.00
-4.194	140.664	-150.00	-4.000	140.955	-2.00	566+0.000	141.035	140.719	0.317	4.000	140.955	-2.00	4.122	140.772	-150.00
-4.204	141.188	-150.00	-4.000	141.494	-2.00	567+0.000	141.574	141.234	0.340	4.000	141.494	-2.00	4.166	141.246	-150.00
-4.184	141.495	-150.00	-4.000	141.772	-2.00	568+0.000	141.852	141.491	0.361	4.000	141.772	-2.00	4.190	141.487	-150.00
-4.248	141.513	-150.00	-4.000	141.885	-2.00	569+0.000	141.965	141.534	0.431	4.000	141.885	-2.00	4.220	141.555	-150.00
-4.211	141.215	-150.00	-4.000	141.532	-2.00	570+0.000	141.612	141.204	0.409	4.000	141.532	-2.00	4.227	141.192	-150.00
-4.182	140.632	-150.00	-4.000	140.905	-2.00	571+0.000	140.985	140.615	0.370	4.000	140.905	-2.00	4.214	140.585	-150.00
-4.192	139.891	-150.00	-4.000	140.179	-2.00	572+0.000	140.259	139.860	0.399	4.000	140.179	-2.00	4.233	139.830	-150.00
-4.223	139.167	-150.00	-4.000	139.501	-2.00	573+0.000	139.581	139.116	0.465	4.000	139.501	-2.00	4.291	139.064	-150.00
-4.173	138.602	-150.00	-4.000	138.860	-2.00	574+0.000	138.940	138.515	0.425	4.000	138.860	-2.00	4.265	138.463	-150.00
-4.161	138.323	-150.00	-4.000	138.565	-2.00	575+0.000	138.645	138.210	0.435	4.000	138.565	-2.00	4.314	138.094	-150.00
-4.136	138.137	-150.00	-4.000	138.341	-2.00	576+0.000	138.421	138.013	0.409	4.000	138.341	-2.00	4.305	137.883	-150.00
-4.114	137.890	-150.00	-4.000	138.061	-2.00	577+0.000	138.141	137.765	0.376	4.000	138.061	-2.00	4.289	137.628	-150.00
-4.096	137.449	-150.00	-4.000	137.594	-2.00	578+0.000	137.674	137.329	0.345	4.000	137.594	-2.00	4.261	137.203	-150.00
-4.178	136.477	-150.00	-4.000	136.744	-2.00	579+0.000	136.824	136.392	0.433	4.000	136.744	-2.00	4.294	136.304	-150.00
-4.210	135.318	-150.00	-4.000	135.632	-2.00	580+0.000	135.712	135.238	0.474	4.000	135.632	-2.00	4.318	135.156	-150.00
-4.204	133.963	-150.00	-4.000	134.269	-2.00	581+0.000	134.349	133.880	0.469	4.000	134.269	-2.00	4.316	133.795	-150.00
-4.193	132.616	-150.00	-4.000	132.906	-2.00	582+0.000	132.986	132.537	0.449	4.000	132.906	-2.00	4.303	132.452	-150.00
-4.218	131.475	-150.00	-4.000	131.801	-2.00	583+0.000	131.881	131.441	0.440	4.000	131.801	-2.00	4.252	131.423	-150.00
-4.250	130.668	-150.00	-4.000	131.043	-2.00	584+0.000	131.123	130.691	0.432	4.000	131.043	-2.00	4.219	130.713	-150.00
-4.187	130.481	-150.00	-4.000	130.762	-2.00	585+0.000	130.842	130.480	0.361	4.000	130.762	-2.00	4.222	130.429	-150.00
-4.216	130.336	-150.00	-4.000	130.659	-2.00	586+0.000	130.739	130.322	0.417	4.000	130.659	-2.00	4.233	130.309	-150.00
-4.172	130.398	-150.00	-4.000	130.656	-2.00	587+0.000	130.736	130.365	0.372	4.000	130.656	-2.00	4.219	130.327	-150.00
-4.200	130.282	-150.00	-4.000	130.581	-2.00	588+0.000	130.661	130.273	0.388	4.000	130.581	-2.00	4.212	130.264	-150.00
-4.224	129.993	-150.00	-4.000	130.329	-2.00	589+0.000	130.409	130.016	0.393	4.000	130.329	-2.00	4.208	130.016	-150.00
-4.269	129.543	-150.00	-4.000	129.946	-2.00	590+0.000	130.026	129.617	0.408	4.000	129.946	-2.00	4.172	129.687	-150.00
-4.276	129.071	-150.00	-4.000	129.486	-2.00	591+0.000	129.566	129.165	0.400	4.000	129.486	-2.00	4.155	129.253	-150.00
-4.277	128.660	-150.00	-4.000	129.075	-2.00	592+0.000	129.155	128.755	0.399	4.000	129.075	-2.00	4.151	128.849	-150.00
-4.278	128.284	-150.00	-4.000	128.701	-2.00	593+0.000	128.781	128.385	0.396	4.000	128.701	-2.00	4.146	128.483	-150.00
-4.273	128.074	-150.00	-4.000	128.484	-2.00	594+0.000	128.564	128.189	0.375	4.000	128.484	-2.00	4.127	128.293	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Sacid)

-4.273	127.906	-150.00	-4.000	128.315	-2.00	595+0.000	128.395	128.003	0.392	4.000	128.315	-2.00	4.145	128.097	-150.00
-4.269	127.601	-150.00	-4.000	128.006	-2.00	596+0.000	128.086	127.703	0.382	4.000	128.006	-2.00	4.139	127.797	-150.00
-4.320	127.216	-150.00	-4.000	127.696	-2.00	597+0.000	127.776	127.391	0.386	4.000	127.696	-2.00	4.099	127.548	-150.00
-4.405	126.714	-150.00	-4.000	127.321	-2.00	598+0.000	127.401	126.942	0.459	4.000	127.321	-2.00	4.111	127.155	-150.00
-4.374	126.194	-150.00	-4.000	126.755	-2.00	599+0.000	126.835	126.420	0.415	4.000	126.755	-2.00	4.085	126.628	-150.00
-4.352	125.809	-150.00	-4.000	126.338	-2.00	600+0.000	126.418	126.041	0.376	4.000	126.338	-2.00	4.054	126.257	-150.00
-4.334	125.541	-150.00	-4.000	126.042	-2.00	601+0.000	126.122	125.710	0.412	4.000	126.042	-2.00	4.114	125.870	-150.00
-4.244	125.526	-150.00	-4.000	125.893	-2.00	602+0.000	125.973	125.611	0.362	4.000	125.893	-2.00	4.140	125.683	-150.00
-4.228	125.271	-150.00	-4.000	125.614	-2.00	603+0.000	125.694	125.340	0.354	4.000	125.614	-2.00	4.137	125.408	-150.00
-4.219	125.335	-150.00	-4.000	125.664	-2.00	604+0.000	125.744	125.406	0.338	4.000	125.664	-2.00	4.126	125.475	-150.00
-4.230	125.596	-150.00	-4.000	125.941	-2.00	605+0.000	126.021	125.678	0.344	4.000	125.941	-2.00	4.120	125.761	-150.00
-4.228	125.974	-150.00	-4.000	126.316	-2.00	606+0.000	126.396	126.062	0.334	4.000	126.316	-2.00	4.113	126.147	-150.00
-4.219	126.362	-150.00	-4.000	126.690	-2.00	607+0.000	126.770	126.408	0.362	4.000	126.690	-2.00	4.158	126.454	-150.00
-4.206	126.756	-150.00	-4.000	127.065	-2.00	608+0.000	127.145	126.789	0.356	4.000	127.065	-2.00	4.183	126.790	-150.00
-4.143	127.021	-150.00	-4.000	127.236	-2.00	609+0.000	127.316	126.960	0.357	4.000	127.236	-2.00	4.201	126.935	-150.00
-4.120	127.236	-150.00	-4.000	127.416	-2.00	610+0.000	127.496	127.165	0.331	4.000	127.416	-2.00	4.215	127.094	-150.00
-4.116	127.450	-150.00	-4.000	127.625	-2.00	611+0.000	127.705	127.363	0.342	4.000	127.625	-2.00	4.235	127.273	-150.00
-4.097	127.773	-150.00	-4.000	127.918	-2.00	612+0.000	127.998	127.688	0.310	4.000	127.918	-2.00	4.212	127.600	-150.00
-4.095	128.114	-150.00	-4.000	128.257	-2.00	613+0.000	128.337	128.050	0.286	4.000	128.257	-2.00	4.181	127.986	-150.00
-4.098	129.017	-150.00	-4.000	129.165	-2.00	614+0.000	129.245	128.942	0.302	4.000	129.165	-2.00	4.193	128.875	-150.00
-4.140	129.961	-150.00	-4.000	130.171	-2.00	615+0.000	130.251	129.985	0.266	4.000	130.171	-2.00	4.100	130.021	-150.00
-4.236	130.954	-150.00	-4.000	131.308	-2.00	616+0.000	131.388	131.084	0.304	4.000	131.308	-2.00	4.066	131.208	-150.00
-4.246	131.916	-150.00	-4.000	132.284	-2.00	617+0.000	132.364	132.046	0.318	4.000	132.284	-2.00	4.078	132.167	-150.00
-4.233	132.822	-150.00	-4.000	133.172	-2.00	618+0.000	133.252	132.967	0.285	4.000	133.172	-2.00	4.051	133.096	-150.00
-4.266	133.456	-150.00	-4.000	133.855	-2.00	619+0.000	133.935	133.608	0.326	4.000	133.855	-2.00	4.066	133.755	-150.00
-4.312	133.846	-150.00	-4.000	134.313	-2.00	620+0.000	134.393	134.024	0.369	4.000	134.313	-2.00	4.081	134.192	-150.00
-4.346	133.862	-150.00	-4.000	134.380	-2.00	621+0.000	134.460	134.073	0.387	4.000	134.380	-2.00	4.073	134.271	-150.00
-4.372	133.309	-150.00	-4.000	133.867	-2.00	622+0.000	133.947	133.479	0.468	4.000	133.867	-2.00	4.151	133.640	-150.00
-4.364	132.525	-150.00	-4.000	133.071	-2.00	623+0.000	133.151	132.736	0.415	4.000	133.071	-2.00	4.091	132.934	-150.00
-4.334	131.773	-150.00	-4.000	132.275	-2.00	624+0.000	132.355	131.973	0.382	4.000	132.275	-2.00	4.107	132.115	-150.00
-4.362	130.936	-150.00	-4.000	131.479	-2.00	625+0.000	131.559	131.136	0.423	4.000	131.479	-2.00	4.103	131.325	-150.00
-4.366	130.371	-150.00	-4.000	130.920	-2.00	626+0.000	131.000	130.622	0.378	4.000	130.920	-2.00	4.048	130.848	-150.00
-4.342	129.985	-150.00	-4.000	130.498	-2.00	627+0.000	130.578	130.180	0.398	4.000	130.498	-2.00	4.057	130.412	-150.00
-4.327	129.743	-150.00	-4.000	130.234	-2.00	628+0.000	130.314	129.933	0.381	4.000	130.234	-2.00	4.081	130.112	-150.00
-4.316	129.547	-150.00	-4.000	130.021	-2.00	629+0.000	130.101	129.725	0.375	4.000	130.021	-2.00	4.085	129.894	-150.00
-4.290	129.434	-150.00	-4.000	129.868	-2.00	630+0.000	129.948	129.552	0.396	4.000	129.868	-2.00	4.135	129.666	-150.00
-4.197	129.681	-150.00	-4.000	129.976	-2.00	631+0.000	130.056	129.724	0.332	4.000	129.976	-2.00	4.094	129.835	-150.00
-4.160	130.138	-150.00	-4.000	130.379	-2.00	632+0.000	130.459	130.132	0.327	4.000	130.379	-2.00	4.169	130.126	-150.00
-4.156	130.578	-150.00	-4.000	130.812	-2.00	633+0.000	130.892	130.558	0.335	4.000	130.812	-2.00	4.183	130.537	-150.00
-4.132	131.057	-150.00	-4.000	131.254	-2.00	634+0.000	131.334	131.020	0.314	4.000	131.254	-2.00	4.181	130.983	-150.00
-4.116	131.756	-150.00	-4.000	131.930	-2.00	635+0.000	132.010	131.718	0.292	4.000	131.930	-2.00	4.168	131.678	-150.00
-4.125	132.494	-150.00	-4.000	132.681	-2.00	636+0.000	132.761	132.459	0.303	4.000	132.681	-2.00	4.172	132.423	-150.00
-4.132	133.255	-150.00	-4.000	133.453	-2.00	637+0.000	133.533	133.234	0.299	4.000	133.453	-2.00	4.161	133.212	-150.00
-4.125	134.102	-150.00	-4.000	134.289	-2.00	638+0.000	134.369	134.077	0.292	4.000	134.289	-2.00	4.161	134.047	-150.00
-4.160	134.888	-150.00	-4.000	135.129	-2.00	639+0.000	135.209	134.881	0.327	4.000	135.129	-2.00	4.169	134.875	-150.00
-4.171	135.675	-150.00	-4.000	135.932	-2.00	640+0.000	136.012	135.696	0.315	4.000	135.932	-2.00	4.143	135.718	-150.00
-4.148	136.538	-150.00	-4.000	136.759	-2.00	641+0.000	136.839	136.562	0.277	4.000	136.759	-2.00	4.117	136.583	-150.00
-4.134	137.500	-150.00	-4.000	137.701	-2.00	642+0.000	137.781	137.505	0.276	4.000	137.701	-2.00	4.127	137.511	-150.00
-4.095	138.606	-150.00	-4.000	138.748	-2.00	643+0.000	138.828	138.559	0.269	4.000	138.748	-2.00	4.157	138.512	-150.00
-4.074	139.809	-150.00	-4.000	139.919	-2.00	644+0.000	139.999	139.748	0.251	4.000	139.919	-2.00	4.155	139.687	-150.00
-4.108	141.050	-150.00	-4.000	141.212	-2.00	645+0.000	141.292	141.019	0.273	4.000	141.212	-2.00	4.170	140.957	-150.00
-4.116	142.282	-150.00	-4.000	142.456	-2.00	646+0.000	142.536	142.248	0.288	4.000	142.456	-2.00	4.434	141.805	-150.00
-4.161	143.350	-150.00	-4.000	143.592	-2.00	647+0.000	143.672	143.367	0.305	4.000	143.592	-2.00	4.368	143.040	-150.00
-4.144	144.410	-150.00	-4.000	144.627	-2.00	648+0.000	144.707	144.427	0.280	4.000	144.627	-2.00	4.267	144.227	-150.00
-4.181	144.629	-150.00	-4.000	144.901	-2.00	649+0.000	144.981	144.624	0.357	4.000	144.901	-2.00	4.211	144.585	-150.00
-4.253	144.497	-150.00	-4.000	144.877	-2.00	650+0.000	144.957	144.525	0.432	4.000	144.877	-2.00	4.234	144.526	-150.00
-4.239	144.128	-150.00	-4.000	144.486	-2.00	651+0.000	144.566	144.162	0.404	4.000	144.486	-2.00	4.240	144.126	-150.00
-4.275	143.266	-150.00	-4.000	143.679	-2.00	652+0.000	143.759	143.314	0.445	4.000	143.679	-2.00	4.214	143.358	-150.00
-4.329	142.145	-150.00	-4.000	142.639	-2.00	653+0.000	142.719	142.235	0.484	4.000	142.639	-2.00	4.215	142.317	-150.00
-4.331	140.712	-150.00	-4.000	141.209	-2.00	654+0.000	141.289	140.822	0.467	4.000	141.209	-2.00	4.179	140.940	-150.00
-4.304	139.176	-150.00	-4.000	139.631	-2.00	655+0.000	139.711	139.228	0.483	4.000	139.631	-2.00	4.235	139.279	-150.00
-4.296	137.366	-150.00	-4.000	137.810	-2.00	656+0.000	137.890	137.385	0.505	4.000	137.810	-2.00	4.268	137.407	-150.00
-4.286	135.527	-150.00	-4.000	135.957	-2.00	657+0.000	136.037	135.544	0.493	4.000	135.957	-2.00	4.263	135.562	-150.00
-4.243	134.025	-150.00	-4.000	134.390	-2.00	658+0.000	134.470	134.013	0.457	4.000	134.390	-2.00	4.260	134.000	-150.00
-4.228	132.718	-150.00	-4.000	133.060	-2.00	659+0.000	133.140	132.687	0.453	4.000	133.060	-2.00	4.268	132.658	-150.00
-4.245	131.599	-150.00	-4.000	131.966	-2.00	660+0.000	132.046	131.571	0.475	4.000	131.966	-2.00	4.265	131.568	-150.00
-4.223	130.596	-150.00	-4.000	130.930	-2.00	661+0.000	131.010	130.568	0.443	4.000	130.930	-2.00	4.261	130.539	-150.00
-4.233	129.629	-150.00	-4.000	129.979	-2.00	662+0.000	130.059	129.623	0.436	4.000	129.979	-2.00	4.222	129.647	-150.00
-4.278	128.774	-150.00	-4.000	129.191	-2.00	663+0.000	129.271	128.835	0.436	4.000	129.191	-2.00	4.197	128.895	-150.00
-4.225	128.260	-150.00	-4.000	128.598	-2.00	664+0.000	128.678	128.244	0.433	4.000	128.598	-2.00	4.223	128.263	-150.00
-4.204	127.975	-150.00	-4.000	128.281	-2.00	665+0.000	128.361	127.993	0.368	4.000	128.281	-2.00	4.180	128.011	-150.00
-4.193	127.919	-150.00	-4.000	128.208	-2.00	666+0.000	128.288	127.920	0.368	4.000	128.208	-2.00	4.192	127.921	-150.00
-4.191	128.036	-150.00	-4.000	128.322	-2.00	667+0.000	128.402	128.009	0.394	4.000	128.322	-2.00	4.210	128.007	-150.00
-4.159	128.192	-150.00	-4.000	128.430	-2.00	668+0.000	128.510	128.143	0.367	4.000	128.430	-2.00	4.225	128.093	-150.00
-4.142	128.268	-150.00	-4.000	128.480	-2.00	669+0.000	128.560	128.211	0.349	4.000	128.480	-2.00	4.202	128.177	-150.00
-4.152	128.515	-150.00	-4.000	128.742	-2.00	670+0.000	128.822	128.465	0.357	4.000	128.742	-2.00	4.167	128.492	-150.00
-4.141	129.014	-150.00	-4.000	129.226	-2.00	671+0.000	129.306	129.040	0.266	4.000	129.226	-2.00	4.109	129.063	-150.00
-4.175	129.739	-150.00	-4.000	130.002	-2.00	672+0.000	130.082	129.772	0.310	4.000	130.002	-2.00	4.127	129.812	-150.00
-4.052	131.581	-150.00	-4.000	131.659	-2.00	673+0.000	131.739	131.507	0.231	4.000	131.659	-2.00	4.152	131.431	-150.00
-4.051	133.557	-150.00	-4.000	133.634	-2.00	674+0.000	133.714	133.480	0.234	4.000	133.634	-2.00	4.155	133.401	-150.00
-4.092	135.183	-150.00	-4.000	135.320	-2.00	675+0.000	135.400	135.015	0.385	4.000	135.320	-2.00	4.321	134.839	-150.00
-4.037	136.598	66.67	-4.000	136.573	-2.00	676+0.000	136.653	136.331	0.322	4.000	136.573	-2.00	4.353	136.043	-150.00
-4.163	137.223	-150.00	-4.000	137.468	-2.00	677+0.000	137.548	136.990	0.558	4.000	137.468	-2.00	4.419	136.839	-150.00
-4.142	137.724	-150.00	-4.000	137.936	-2.00	678+0.000	138.016	137.587	0.429	4.000	137.936	-2.00	4.332	137.439	-150.00
-4.201	137.670	-150.00	-4.000	137.972	-2.00	679+0.000	138.052	137.551	0.501	4.000	137.972	-2.00	4.278	137.555	-150.00
-4.242	137.212	-150.00	-4.000	137.575	-2.00	680+0.000	137.655	137.230	0.424	4.000	137.575	-2.00	4.194	137.284	-150.00

Osvaldo Leôncio da Silva
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Social)

-4.301	136.478	-150.00	-4.000	136.930	-2.00	681+0.000	137.010	136.520	0.490	4.000	136.930	-2.00	4.232	136.581	-150.00
-4.369	135.347	-150.00	-4.000	135.900	-2.00	682+0.000	135.980	135.519	0.461	4.000	135.900	-2.00	4.147	135.679	-150.00
-4.391	134.070	-150.00	-4.000	134.657	-2.00	683+0.000	134.737	134.361	0.376	4.000	134.657	-2.00	4.020	134.627	-150.00
-4.408	132.945	-150.00	-4.000	133.557	-2.00	684+0.000	133.637	133.201	0.436	4.000	133.557	-2.00	4.014	133.536	-150.00
-4.265	132.289	-150.00	-4.000	132.687	-2.00	685+0.000	132.767	132.373	0.394	4.000	132.687	-2.00	4.113	132.762	66.67
-4.115	131.999	-150.00	-4.000	132.173	-2.00	686+0.000	132.253	131.852	0.401	4.000	132.173	-2.00	4.089	132.232	66.67
-4.310	132.398	-150.00	-4.000	132.863	-2.00	687+0.000	132.943	132.743	0.201	4.000	132.863	-2.00	4.340	133.090	66.67
-4.347	133.591	-150.00	-4.000	134.111	-2.00	688+0.000	134.191	133.877	0.314	4.000	134.111	-2.00	4.048	134.143	66.67
-4.317	135.203	-150.00	-4.000	135.678	-2.00	689+0.000	135.758	135.398	0.360	4.000	135.678	-2.00	4.064	135.582	-150.00
-4.338	136.738	-150.00	-4.000	137.244	-2.00	690+0.000	137.324	136.966	0.359	4.000	137.244	-2.00	4.044	137.178	-150.00
-4.197	138.470	-150.00	-4.000	138.764	-2.00	691+0.000	138.844	138.571	0.273	4.000	138.764	-2.00	4.105	138.606	-150.00
-4.209	139.775	-150.00	-4.000	140.089	-2.00	692+0.000	140.169	139.877	0.292	4.000	140.089	-2.00	4.302	139.636	-150.00
-4.070	141.001	-150.00	-4.000	141.105	-2.00	693+0.000	141.185	140.881	0.304	4.000	141.105	-2.00	4.331	140.609	-150.00
-4.214	141.888	66.67	-4.000	141.746	-2.00	694+0.000	141.826	141.651	0.175	4.000	141.746	-2.00	4.222	141.413	-150.00
-4.021	142.088	-150.00	-4.000	142.120	-2.00	695+0.000	142.200	141.806	0.394	4.000	142.120	-2.00	4.432	141.471	-150.00
-4.054	141.264	-150.00	-4.000	141.345	-2.00	696+0.000	141.425	140.989	0.436	4.000	141.345	-2.00	4.438	140.688	-150.00
-4.158	139.586	-150.00	-4.000	139.823	-2.00	697+0.000	139.903	139.385	0.518	4.000	139.823	-2.00	4.472	139.114	-150.00
-4.249	136.997	-150.00	-4.000	137.370	-2.00	698+0.000	137.450	136.902	0.548	4.000	137.370	-2.00	4.313	136.901	-150.00
-4.290	134.706	-150.00	-4.000	135.141	-2.00	699+0.000	135.221	134.729	0.492	4.000	135.141	-2.00	4.240	134.780	-150.00
-4.328	132.733	-150.00	-4.000	133.226	-2.00	700+0.000	133.306	132.794	0.512	4.000	133.226	-2.00	4.249	132.853	-150.00
-4.400	131.165	-150.00	-4.000	131.766	-2.00	701+0.000	131.846	131.291	0.555	4.000	131.766	-2.00	4.227	131.426	-150.00
-4.328	130.001	-150.00	-4.000	130.492	-2.00	702+0.000	130.572	130.073	0.500	4.000	130.492	-2.00	4.233	130.143	-150.00
-4.350	128.859	-150.00	-4.000	129.384	-2.00	703+0.000	129.464	128.989	0.475	4.000	129.384	-2.00	4.179	129.115	-150.00
-4.259	128.081	-150.00	-4.000	128.470	-2.00	704+0.000	128.550	128.178	0.372	4.000	128.470	-2.00	4.132	128.271	-150.00
-4.267	127.403	-150.00	-4.000	127.803	-2.00	705+0.000	127.883	127.524	0.359	4.000	127.803	-2.00	4.084	127.678	-150.00
-4.255	127.401	-150.00	-4.000	127.783	-2.00	706+0.000	127.863	127.525	0.338	4.000	127.783	-2.00	4.129	127.590	-150.00
-4.256	127.458	-150.00	-4.000	127.842	-2.00	707+0.000	127.922	127.601	0.322	4.000	127.842	-2.00	4.112	127.675	-150.00
-4.193	128.082	-150.00	-4.000	128.371	-2.00	708+0.000	128.451	128.136	0.316	4.000	128.371	-2.00	4.122	128.188	-150.00
-4.213	128.765	-150.00	-4.000	129.084	-2.00	709+0.000	129.164	128.822	0.342	4.000	129.084	-2.00	4.138	128.878	-150.00
-4.175	129.665	-150.00	-4.000	129.928	-2.00	710+0.000	130.008	129.662	0.345	4.000	129.928	-2.00	4.178	129.660	-150.00
-4.186	130.494	-150.00	-4.000	130.773	-2.00	711+0.000	130.853	130.493	0.360	4.000	130.773	-2.00	4.188	130.491	-150.00
-4.144	131.382	-150.00	-4.000	131.599	-2.00	712+0.000	131.679	131.385	0.294	4.000	131.599	-2.00	4.186	131.319	-150.00
-4.092	132.048	-150.00	-4.000	132.186	-2.00	713+0.000	132.266	131.972	0.294	4.000	132.186	-2.00	4.210	131.871	-150.00
-4.208	132.161	-150.00	-4.000	132.474	-2.00	714+0.000	132.554	132.122	0.432	4.000	132.474	-2.00	4.261	132.082	-150.00
-4.188	132.182	-150.00	-4.000	132.465	-2.00	715+0.000	132.545	132.154	0.390	4.000	132.465	-2.00	4.278	132.047	-150.00
-4.136	132.132	-150.00	-4.000	132.337	-2.00	716+0.000	132.417	132.027	0.390	4.000	132.337	-2.00	4.286	131.908	-150.00
-4.144	131.892	-150.00	-4.000	132.108	-2.00	717+0.000	132.188	131.787	0.401	4.000	132.108	-2.00	4.286	131.678	-150.00
-4.148	131.467	-150.00	-4.000	131.690	-2.00	718+0.000	131.770	131.326	0.444	4.000	131.690	-2.00	4.340	131.179	-150.00
-4.132	130.934	-150.00	-4.000	131.133	-2.00	719+0.000	131.213	130.781	0.432	4.000	131.133	-2.00	4.342	130.619	-150.00
-4.139	130.295	-150.00	-4.000	130.503	-2.00	720+0.000	130.583	130.154	0.430	4.000	130.503	-2.00	4.332	130.005	-150.00
-4.082	129.539	-150.00	-4.000	129.663	-2.00	721+0.000	129.743	129.390	0.353	4.000	129.663	-2.00	4.286	129.234	-150.00
-4.117	128.648	-150.00	-4.000	128.823	-2.00	722+0.000	128.903	128.504	0.398	4.000	128.823	-2.00	4.312	128.354	-150.00
-4.166	127.627	-150.00	-4.000	127.877	-2.00	723+0.000	127.957	127.509	0.448	4.000	127.877	-2.00	4.340	127.366	-150.00
-4.157	126.380	-150.00	-4.000	126.614	-2.00	724+0.000	126.694	126.282	0.412	4.000	126.614	-2.00	4.288	126.182	-150.00
-4.180	125.081	-150.00	-4.000	125.352	-2.00	725+0.000	125.432	125.011	0.421	4.000	125.352	-2.00	4.289	124.919	-150.00
-4.217	123.764	-150.00	-4.000	124.090	-2.00	726+0.000	124.170	123.701	0.468	4.000	124.090	-2.00	4.298	123.643	-150.00
-4.271	122.511	-150.00	-4.000	122.918	-2.00	727+0.000	122.998	122.452	0.546	4.000	122.918	-2.00	4.341	122.406	-150.00
-4.335	121.345	-150.00	-4.000	121.846	-2.00	728+0.000	121.926	121.283	0.644	4.000	121.846	-2.00	4.418	121.220	-150.00
-4.248	120.403	-150.00	-4.000	120.775	-2.00	729+0.000	120.855	120.370	0.485	4.000	120.775	-2.00	4.293	120.336	-150.00
-4.169	119.890	-150.00	-4.000	120.144	-2.00	730+0.000	120.224	119.830	0.395	4.000	120.144	-2.00	4.243	119.780	-150.00
-4.256	119.515	-150.00	-4.000	119.898	-2.00	731+0.000	119.978	119.575	0.403	4.000	119.898	-2.00	4.176	119.634	-150.00
-4.214	119.593	-150.00	-4.000	119.914	-2.00	732+0.000	119.994	119.675	0.319	4.000	119.914	-2.00	4.131	119.718	-150.00
-4.210	119.721	-150.00	-4.000	120.037	-2.00	733+0.000	120.117	119.780	0.337	4.000	120.037	-2.00	4.133	119.837	-150.00
-4.198	120.009	-150.00	-4.000	120.306	-2.00	734+0.000	120.386	120.070	0.316	4.000	120.306	-2.00	4.109	120.143	-150.00
-4.181	120.306	-150.00	-4.000	120.578	-2.00	735+0.000	120.658	120.382	0.276	4.000	120.578	-2.00	4.082	120.456	-150.00
-4.158	120.614	-150.00	-4.000	120.850	-2.00	736+0.000	120.930	120.689	0.241	4.000	120.850	-2.00	4.058	120.763	-150.00
-4.205	120.815	-150.00	-4.000	121.122	-2.00	737+0.000	121.202	120.903	0.299	4.000	121.122	-2.00	4.089	120.988	-150.00
-4.265	120.959	-150.00	-4.000	121.357	-2.00	738+0.000	121.437	121.064	0.373	4.000	121.357	-2.00	4.131	121.161	-150.00
-4.164	120.913	-150.00	-4.000	121.158	-2.00	739+0.000	121.238	121.010	0.228	4.000	121.158	-2.00	4.044	121.092	-150.00
-4.199	120.610	-150.00	-4.000	120.909	-2.00	740+0.000	120.989	120.690	0.299	4.000	120.909	-2.00	4.093	120.768	-150.00
-4.248	120.288	-150.00	-4.000	120.659	-2.00	741+0.000	120.739	120.357	0.382	4.000	120.659	-2.00	4.146	120.440	-150.00
-4.227	120.069	-150.00	-4.000	120.409	-2.00	742+0.000	120.489	120.124	0.366	4.000	120.409	-2.00	4.155	120.177	-150.00
-4.226	119.918	-150.00	-4.000	120.257	-2.00	743+0.000	120.337	119.921	0.416	4.000	120.257	-2.00	4.188	119.976	-150.00
-4.133	120.321	-150.00	-4.000	120.521	-2.00	744+0.000	120.601	120.328	0.274	4.000	120.521	-2.00	4.125	120.334	-150.00
-4.159	120.985	-150.00	-4.000	121.223	-2.00	745+0.000	121.303	120.953	0.350	4.000	121.223	-2.00	4.206	120.914	-150.00
-4.127	121.903	-150.00	-4.000	122.094	-2.00	746+0.000	122.174	121.871	0.303	4.000	122.094	-2.00	4.170	121.839	-150.00
-4.190	122.886	-150.00	-4.000	123.171	-2.00	747+0.000	123.251	122.844	0.408	4.000	123.171	-2.00	4.246	122.803	-150.00
-4.131	124.071	-150.00	-4.000	124.266	-2.00	748+0.000	124.346	124.042	0.304	4.000	124.266	-2.00	4.180	123.996	-150.00
-4.116	124.936	-150.00	-4.000	125.110	-2.00	749+0.000	125.190	124.919	0.270	4.000	125.110	-2.00	4.138	124.903	-150.00
-4.114	125.703	-150.00	-4.000	125.873	-2.00	750+0.000	125.953	125.702	0.251	4.000	125.873	-2.00	4.114	125.702	-150.00
-4.161	126.488	-150.00	-4.000	126.729	-2.00	751+0.000	126.809	126.511	0.298	4.000	126.729	-2.00	4.130	126.534	-150.00
-4.159	127.424	-150.00	-4.000	127.662	-2.00	752+0.000	127.742	127.419	0.323	4.000	127.662	-2.00	4.189	127.378	-150.00
-4.175	128.199	-150.00	-4.000	128.461	-2.00	753+0.000	128.541	128.189	0.352	4.000	128.461	-2.00	4.188	128.179	-150.00
-4.153	129.031	-150.00	-4.000	129.260	-2.00	754+0.000	129.340	129.031	0.309	4.000	129.260	-2.00	4.134	129.058	-150.00
-4.142	130.191	-150.00	-4.000	130.404	-2.00	755+0.000	130.484	130.235	0.249	4.000	130.404	-2.00	4.084	130.279	-150.00
-4.129	131.399	-150.00	-4.000	131.592	-2.00	756+0.000	131.672	131.431	0.240	4.000	131.592	-2.00	4.088	131.460	-150.00
-4.142	132.563	-150.00	-4.000	132.776	-2.00	757+0.000	132.856	132.577	0.279	4.000	132.776	-2.00	4.123	132.590	-150.00
-4.108	133.768	-150.00	-4.000	133.930	-2.00	758+0.000	134.010	133.776	0.235	4.000	133.930	-2.00	4.098	133.783	-150.00
-4.159	134.892	-150.00	-4.000	135.131	-2.00	759+0.000	135.211	134.931	0.280	4.000	135.131	-2.00	4.107	134.970	-150.00
-4.148	135.917	-150.00	-4.000	136.139	-2.00	760+0.000	136.219	135.912	0.307	4.000	136.139	-2.00	4.165	135.892	-150.00
-4.201	136.594	-150.00	-4.000	136.895	-2.00	761+0.000	136.975	136.606	0.369	4.000	136.895	-2.00	4.184	136.618	-150.00
-4.191	137.346	-150.00	-4.000	137.633	-2.00	762+0.000	137.713	137.386	0.327	4.000	137.633	-2.00	4.149	137.409	-150.00
-4.147	137.849	-150.00	-4.000	138.069	-2.00	763+0.000	138.149	137.810	0.339	4.000	138.069	-2.00	4.198	137.772	-150.00
-4.127	138.341	-150.00	-4.000	138.531	-2.00	764+0.000	138.611	138.341	0.270	4.000	138.531	-2.00	4.126	138.341	-150.00
-4.154	138.784	-150.00	-4.000	139.015	-2.00	765+0.000	139.095	138.809	0.285	4.000	139.015	-2.00	4.134	138.814	-150.00
-4.187	139.218	-150.00	-4.000	139.498	-2.00	766+0.000	139.578	139.280	0.298	4.000	139.498	-2.00	4.105	139.341	-150.00

Osvaldo Leôncio da Silva
Diretor da Unidade de Programação
Projetos e Obras - DUPPO
Secretaria das Cidades

-4.201	139.681	-150.00	-4.000	139.982	-2.00	767+0.000	140.062	139.745	0.317	4.000	139.982	-2.00	4.117	139.807	-150.00
-4.196	140.417	-150.00	-4.000	140.711	-2.00	768+0.000	140.791	140.478	0.313	4.000	140.711	-2.00	4.131	140.515	-150.00
-4.206	141.170	-150.00	-4.000	141.479	-2.00	769+0.000	141.559	141.231	0.328	4.000	141.479	-2.00	4.153	141.249	-150.00
-4.205	141.940	-150.00	-4.000	142.247	-2.00	770+0.000	142.327	141.911	0.417	4.000	142.247	-2.00	4.244	141.881	-150.00
-4.175	142.739	-150.00	-4.000	143.002	-2.00	771+0.000	143.082	142.759	0.323	4.000	143.002	-2.00	4.160	142.762	-150.00
-4.135	143.088	-150.00	-4.000	143.289	-2.00	772+0.000	143.369	143.009	0.360	4.000	143.289	-2.00	4.240	142.929	-150.00
-4.137	143.342	-150.00	-4.000	143.547	-2.00	773+0.000	143.627	143.267	0.361	4.000	143.547	-2.00	4.244	143.182	-150.00
-4.147	143.403	-150.00	-4.000	143.624	-2.00	774+0.000	143.704	143.334	0.370	4.000	143.624	-2.00	4.284	143.198	-150.00
-4.141	143.378	-150.00	-4.000	143.589	-2.00	775+0.000	143.669	143.286	0.382	4.000	143.589	-2.00	4.296	143.144	-150.00
-4.197	143.136	-150.00	-4.000	143.431	-2.00	776+0.000	143.511	143.053	0.458	4.000	143.431	-2.00	4.309	142.968	-150.00
-4.157	142.954	-150.00	-4.000	143.189	-2.00	777+0.000	143.269	142.862	0.407	4.000	143.189	-2.00	4.281	142.768	-150.00
-4.143	143.335	-150.00	-4.000	143.550	-2.00	778+0.000	143.630	143.290	0.340	4.000	143.550	-2.00	4.187	143.270	-150.00
-4.097	144.307	-150.00	-4.000	144.453	-2.00	779+0.000	144.533	144.295	0.238	4.000	144.453	-2.00	4.113	144.284	-150.00
-4.150	145.812	-150.00	-4.000	146.037	-2.00	780+0.000	146.117	145.876	0.241	4.000	146.037	-2.00	4.107	145.877	-150.00
-4.214	147.334	-150.00	-4.000	147.654	-2.00	781+0.000	147.734	147.564	0.170	4.000	147.654	-2.00			
-4.318	148.667	-150.00	-4.000	149.144	-2.00	782+0.000	149.224	148.947	0.276	4.000	149.144	-2.00	4.105	149.214	66.67
-4.325	149.886	-150.00	-4.000	150.374	-2.00	783+0.000	150.454	150.149	0.304	4.000	150.374	-2.00	4.026	150.335	-150.00
-4.412	150.474	-150.00	-4.000	151.092	-2.00	784+0.000	151.172	150.817	0.355	4.000	151.092	-2.00	4.013	151.073	-150.00
-4.329	150.634	-150.00	-4.000	151.127	-2.00	785+0.000	151.207	150.986	0.221	4.000	151.127	-2.00	4.296	151.324	66.67
-4.487	150.344	-150.00	-4.000	151.074	-2.00	786+0.000	151.154	150.758	0.397	4.000	151.074	-2.00	4.090	151.135	66.67
-4.534	150.089	-150.00	-4.000	150.890	-2.00	787+0.000	150.970	150.533	0.437	4.000	150.890	-2.00	4.103	150.958	66.67
-4.527	149.743	-150.00	-4.000	150.533	-2.00	788+0.000	150.613	150.200	0.413	4.000	150.533	-2.00	4.058	150.572	66.67
-4.510	149.412	-150.00	-4.000	150.177	-2.00	789+0.000	150.257	149.860	0.397	4.000	150.177	-2.00	4.054	150.095	-150.00
-4.461	149.057	-150.00	-4.000	149.748	-2.00	790+0.000	149.828	149.423	0.406	4.000	149.748	-2.00	4.067	149.648	-150.00
-4.404	148.633	-150.00	-4.000	149.240	-2.00	791+0.000	149.320	148.924	0.396	4.000	149.240	-2.00	4.064	149.143	-150.00
-4.377	148.166	-150.00	-4.000	148.731	-2.00	792+0.000	148.811	148.402	0.409	4.000	148.731	-2.00	4.076	148.618	-150.00
-4.363	147.617	-150.00	-4.000	148.161	-2.00	793+0.000	148.241	147.797	0.444	4.000	148.161	-2.00	4.122	147.978	-150.00
-4.359	146.943	-150.00	-4.000	147.482	-2.00	794+0.000	147.562	147.116	0.446	4.000	147.482	-2.00	4.134	147.281	-150.00
-4.346	146.285	-150.00	-4.000	146.803	-2.00	795+0.000	146.883	146.457	0.426	4.000	146.803	-2.00	4.122	146.621	-150.00
-4.331	145.642	-150.00	-4.000	146.138	-2.00	796+0.000	146.218	145.807	0.412	4.000	146.138	-2.00	4.117	145.963	-150.00
-4.324	145.074	-150.00	-4.000	145.561	-2.00	797+0.000	145.641	145.230	0.410	4.000	145.561	-2.00	4.114	145.390	-150.00
-4.308	144.612	-150.00	-4.000	145.075	-2.00	798+0.000	145.155	144.781	0.373	4.000	145.075	-2.00	4.088	144.942	-150.00
-4.310	144.162	-150.00	-4.000	144.627	-2.00	799+0.000	144.707	144.318	0.390	4.000	144.627	-2.00	4.107	144.466	-150.00
-4.336	143.677	-150.00	-4.000	144.180	-2.00	800+0.000	144.260	143.858	0.402	4.000	144.180	-2.00	4.117	144.005	-150.00
-4.386	143.112	-150.00	-4.000	143.690	-2.00	801+0.000	143.770	143.356	0.414	4.000	143.690	-2.00	4.116	143.516	-150.00
-4.390	142.383	-150.00	-4.000	142.968	-2.00	802+0.000	143.048	142.623	0.425	4.000	142.968	-2.00	4.082	142.845	-150.00
-4.340	141.642	-150.00	-4.000	142.151	-2.00	803+0.000	142.231	141.832	0.400	4.000	142.151	-2.00	4.093	142.011	-150.00
-4.348	140.802	-150.00	-4.000	141.324	-2.00	804+0.000	141.404	140.961	0.443	4.000	141.324	-2.00	4.141	141.112	-150.00
-4.343	139.852	-150.00	-4.000	140.367	-2.00	805+0.000	140.447	140.014	0.433	4.000	140.367	-2.00	4.134	140.167	-150.00
-4.350	138.907	-150.00	-4.000	139.432	-2.00	806+0.000	139.512	139.086	0.426	4.000	139.432	-2.00	4.118	139.254	-150.00
-4.376	138.095	-150.00	-4.000	138.660	-2.00	807+0.000	138.740	138.290	0.450	4.000	138.660	-2.00	4.146	138.441	-150.00
-4.312	137.607	-150.00	-4.000	138.074	-2.00	808+0.000	138.154	137.777	0.378	4.000	138.074	-2.00	4.091	137.937	-150.00
-4.307	137.213	-150.00	-4.000	137.674	-2.00	809+0.000	137.754	137.391	0.363	4.000	137.674	-2.00	4.076	137.560	-150.00
-4.347	136.919	-150.00	-4.000	137.440	-2.00	810+0.000	137.520	137.108	0.411	4.000	137.440	-2.00	4.102	137.287	-150.00
-4.320	136.681	-150.00	-4.000	137.161	-2.00	811+0.000	137.241	136.844	0.397	4.000	137.161	-2.00	4.170	136.906	-150.00
-4.292	136.301	-150.00	-4.000	136.739	-2.00	812+0.000	136.819	136.380	0.439	4.000	136.739	-2.00	4.213	136.419	-150.00
-4.256	135.932	-150.00	-4.000	136.316	-2.00	813+0.000	136.396	135.972	0.425	4.000	136.316	-2.00	4.204	136.011	-150.00
-4.249	135.520	-150.00	-4.000	135.894	-2.00	814+0.000	135.974	135.536	0.438	4.000	135.894	-2.00	4.228	135.552	-150.00
-4.281	135.173	-150.00	-4.000	135.595	-2.00	815+0.000	135.675	135.198	0.476	4.000	135.595	-2.00	4.248	135.223	-150.00
-4.232	135.078	-150.00	-4.000	135.426	-2.00	816+0.000	135.506	135.072	0.434	4.000	135.426	-2.00	4.253	135.046	-150.00
-4.127	135.051	-150.00	-4.000	135.240	-2.00	817+0.000	135.320	135.005	0.316	4.000	135.240	-2.00	4.189	134.957	-150.00
-4.146	134.773	-150.00	-4.000	134.991	-2.00	818+0.000	135.071	134.738	0.333	4.000	134.991	-2.00	4.195	134.699	-150.00
-4.211	134.295	-150.00	-4.000	134.612	-2.00	819+0.000	134.692	134.274	0.417	4.000	134.612	-2.00	4.239	134.253	-150.00
-4.179	133.680	-150.00	-4.000	133.948	-2.00	820+0.000	134.028	133.602	0.427	4.000	133.948	-2.00	4.284	133.522	-150.00
-4.142	132.834	-150.00	-4.000	133.047	-2.00	821+0.000	133.127	132.774	0.353	4.000	133.047	-2.00	4.224	132.712	-150.00
-4.131	131.923	-150.00	-4.000	132.119	-2.00	822+0.000	132.199	131.870	0.329	4.000	132.119	-2.00	4.211	131.803	-150.00
-4.128	131.000	-150.00	-4.000	131.192	-2.00	823+0.000	131.272	130.944	0.327	4.000	131.192	-2.00	4.213	130.871	-150.00
-4.143	130.049	-150.00	-4.000	130.264	-2.00	824+0.000	130.344	129.981	0.363	4.000	130.264	-2.00	4.237	129.908	-150.00
-4.192	129.049	-150.00	-4.000	129.336	-2.00	825+0.000	129.416	128.992	0.424	4.000	129.336	-2.00	4.268	128.934	-150.00
-4.181	128.137	-150.00	-4.000	128.409	-2.00	826+0.000	128.489	128.083	0.406	4.000	128.409	-2.00	4.254	128.028	-150.00
-4.194	127.190	-150.00	-4.000	127.481	-2.00	827+0.000	127.561	127.176	0.385	4.000	127.481	-2.00	4.213	127.161	-150.00
-4.136	126.474	-150.00	-4.000	126.677	-2.00	828+0.000	126.757	126.365	0.392	4.000	126.677	-2.00	4.284	126.251	-150.00
			-4.000	126.305	-2.00	829+0.000	126.385	126.138	0.247	4.000	126.305	-2.00	4.224	125.969	-150.00
-4.035	126.326	-150.00	-4.000	126.378	-2.00	830+0.000	126.458	126.141	0.316	4.000	126.378	-2.00	4.288	125.945	-150.00
-4.061	126.305	-150.00	-4.000	126.396	-2.00	831+0.000	126.476	126.119	0.358	4.000	126.396	-2.00	4.317	125.921	-150.00
-4.063	126.496	-150.00	-4.000	126.591	-2.00	832+0.000	126.671	126.324	0.346	4.000	126.591	-2.00	4.298	126.143	-150.00
-4.066	126.958	-150.00	-4.000	127.057	-2.00	833+0.000	127.137	126.786	0.351	4.000	127.057	-2.00	4.301	126.605	-150.00
-4.107	127.246	-150.00	-4.000	127.406	-2.00	834+0.000	127.486	127.114	0.372	4.000	127.406	-2.00	4.287	126.976	-150.00
-4.095	127.360	-150.00	-4.000	127.503	-2.00	835+0.000	127.583	127.227	0.355	4.000	127.503	-2.00	4.276	127.088	-150.00
-4.164	127.278	-150.00	-4.000	127.524	-2.00	836+0.000	127.604	127.207	0.398	4.000	127.524	-2.00	4.267	127.123	-150.00
-4.158	127.069	-150.00	-4.000	127.307	-2.00	837+0.000	127.387	127.000	0.387	4.000	127.307	-2.00	4.266	126.908	-150.00
-4.142	126.816	-150.00	-4.000	127.029	-2.00	838+0.000	127.109	126.737	0.372	4.000	127.029	-2.00	4.251	126.652	-150.00
-4.141	126.545	-150.00	-4.000	126.757	-2.00	839+0.000	126.837	126.465	0.372	4.000	126.757	-2.00	4.250	126.382	-150.00
-4.175	126.509	-150.00	-4.000	126.772	-2.00	840+0.000	126.852	126.464	0.388	4.000	126.772	-2.00	4.235	126.419	-150.00
-4.231	125.953	-150.00	-4.000	126.300	-2.00	841+0.000	126.380	125.950	0.430	4.000	126.300	-2.00	4.235	125.946	-150.00
-4.248	125.404	-150.00	-4.000	125.776	-2.00	842+0.000	125.856	125.406	0.450	4.000	125.776	-2.00	4.246	125.408	-150.00
-4.239	124.894	-150.00	-4.000	125.253	-2.00	843+0.000	125.333	124.904	0.429	4.000	125.253	-2.00	4.226	124.913	-150.00
-4.115	124.529	-150.00	-4.000	124.701	-2.00	844+0.000	124.781	124.406	0.375	4.000	124.701	-2.00	4.300	124.252	-150.00
-4.123	124.576	-150.00	-4.000	124.761	-2.00	845+0.000	124.841	124.481	0.360	4.000	124.761	-2.00	4.258	124.374	-150.00
-4.144	124.628	-150.00	-4.000	124.844	-2.00	846+0.000	124.924	124.527	0.397	4.000	124.844	-2.00	4.280	124.424	-150.00
-4.164	124.682	-150.00	-4.000	124.927	-2.00	847+0.000	125.007	124.597	0.410	4.000	124.927	-2.00	4.280	124.507	-150.00
-4.149	124.760	-150.00	-4.000	124.984	-2.00	848+0.000	125.064	124.680	0.384	4.000	124.984	-2.00	4.267	124.583	-150.00
-4.145	124.524	-150.00	-4.000	124.741	-2.00	849+0.000	124.821	124.435	0.385	4.000	124.741	-2.00	4.264	124.344	-150.00
-4.102	124.381	-150.00	-4.000	124.534	-2.00	850+0.000	124.614	124.269	0.345	4.000	124.534	-2.00	4.254	124.153	-150.00
-4.100	124.181	-150.00	-4.000	124.331	-2.00	851+0.000	124.411	124.066	0.345	4.000	124.331	-2.00	4.258	123.944	-150.00
-4.110	123.964	-150.00	-4.000	124.129	-2.00	852+0.000	124.209	123.808	0.401	4.000	124.129	-2.00	4.324	123.644	-150.00

Osvaldo Leôncio da S... Jr.
Diretor da Unidade de Prog... as
Projetos e Obras - DIR...
Secretaria das Cidade...

-4.114	123.756	-150.00	-4.000	123.926	-2.00	853+0.000	124.006	123.603	0.404	4.000	123.926	-2.00	4.318	123.449	-150.00
-4.113	123.553	-150.00	-4.000	123.723	-2.00	854+0.000	123.803	123.415	0.388	4.000	123.723	-2.00	4.302	123.271	-150.00
-4.124	123.226	-150.00	-4.000	123.413	-2.00	855+0.000	123.493	123.098	0.395	4.000	123.413	-2.00	4.299	122.964	-150.00
-4.119	122.899	-150.00	-4.000	123.078	-2.00	856+0.000	123.158	122.769	0.389	4.000	123.078	-2.00	4.275	122.665	-150.00
-4.125	122.725	-150.00	-4.000	122.913	-2.00	857+0.000	122.993	122.643	0.350	4.000	122.913	-2.00	4.236	122.559	-150.00
-4.172	122.508	-150.00	-4.000	122.765	-2.00	858+0.000	122.845	122.450	0.396	4.000	122.765	-2.00	4.250	122.390	-150.00
-4.155	122.390	-150.00	-4.000	122.622	-2.00	859+0.000	122.702	122.325	0.377	4.000	122.622	-2.00	4.240	122.262	-150.00
-4.151	122.325	-150.00	-4.000	122.551	-2.00	860+0.000	122.631	122.267	0.364	4.000	122.551	-2.00	4.228	122.209	-150.00
-4.152	122.511	-150.00	-4.000	122.739	-2.00	861+0.000	122.819	122.451	0.368	4.000	122.739	-2.00	4.233	122.389	-150.00
-4.157	122.742	-150.00	-4.000	122.978	-2.00	862+0.000	123.058	122.686	0.372	4.000	122.978	-2.00	4.233	122.629	-150.00
-4.142	123.004	-150.00	-4.000	123.217	-2.00	863+0.000	123.297	122.948	0.348	4.000	123.217	-2.00	4.217	122.891	-150.00
-4.153	123.220	-150.00	-4.000	123.450	-2.00	864+0.000	123.530	123.157	0.374	4.000	123.450	-2.00	4.239	123.091	-150.00
-4.140	123.317	-150.00	-4.000	123.527	-2.00	865+0.000	123.607	123.237	0.370	4.000	123.527	-2.00	4.248	123.155	-150.00
-4.175	123.114	-150.00	-4.000	123.377	-2.00	866+0.000	123.457	123.048	0.409	4.000	123.377	-2.00	4.264	122.980	-150.00
-4.172	122.763	-150.00	-4.000	123.021	-2.00	867+0.000	123.101	122.704	0.398	4.000	123.021	-2.00	4.252	122.643	-150.00
-4.180	122.301	-150.00	-4.000	122.571	-2.00	868+0.000	122.651	122.233	0.419	4.000	122.571	-2.00	4.264	122.175	-150.00
-4.167	121.724	-150.00	-4.000	121.975	-2.00	869+0.000	122.055	121.632	0.422	4.000	121.975	-2.00	4.285	121.547	-150.00
-4.153	121.152	-150.00	-4.000	121.381	-2.00	870+0.000	121.461	121.053	0.408	4.000	121.381	-2.00	4.270	120.976	-150.00
-4.155	120.637	-150.00	-4.000	120.869	-2.00	871+0.000	120.949	120.541	0.408	4.000	120.869	-2.00	4.286	120.440	-150.00
-4.133	120.172	-150.00	-4.000	120.371	-2.00	872+0.000	120.451	120.040	0.411	4.000	120.371	-2.00	4.290	119.936	-150.00
-4.123	119.794	-150.00	-4.000	119.979	-2.00	873+0.000	120.059	119.661	0.398	4.000	119.979	-2.00	4.298	119.531	-150.00
-4.117	119.524	-150.00	-4.000	119.699	-2.00	874+0.000	119.779	119.400	0.379	4.000	119.699	-2.00	4.278	119.282	-150.00
-4.141	119.245	-150.00	-4.000	119.457	-2.00	875+0.000	119.537	119.169	0.368	4.000	119.457	-2.00	4.247	119.087	-150.00
-4.141	119.119	-150.00	-4.000	119.330	-2.00	876+0.000	119.410	119.050	0.360	4.000	119.330	-2.00	4.233	118.980	-150.00
-4.158	119.000	-150.00	-4.000	119.236	-2.00	877+0.000	119.316	118.954	0.362	4.000	119.236	-2.00	4.219	118.907	-150.00
-4.152	118.972	-150.00	-4.000	119.200	-2.00	878+0.000	119.280	118.918	0.362	4.000	119.200	-2.00	4.183	118.925	-150.00
-4.217	119.096	-150.00	-4.000	119.421	-2.00	879+0.000	119.501	119.104	0.397	4.000	119.421	-2.00	4.206	119.112	-150.00
-4.187	119.403	-150.00	-4.000	119.683	-2.00	880+0.000	119.763	119.385	0.378	4.000	119.683	-2.00	4.211	119.367	-150.00
-4.149	119.722	-150.00	-4.000	119.945	-2.00	881+0.000	120.025	119.694	0.332	4.000	119.945	-2.00	4.177	119.680	-150.00
-4.189	120.123	-150.00	-4.000	120.405	-2.00	882+0.000	120.485	120.196	0.290	4.000	120.405	-2.00	4.092	120.267	-150.00
-4.186	120.876	-150.00	-4.000	121.155	-2.00	883+0.000	121.235	120.910	0.325	4.000	121.155	-2.00	4.141	120.944	-150.00
-4.206	121.581	-150.00	-4.000	121.890	-2.00	884+0.000	121.970	121.699	0.271	4.000	121.890	-2.00	4.051	121.813	-150.00
-4.240	122.728	-150.00	-4.000	123.088	-2.00	885+0.000	123.168	122.869	0.299	4.000	123.088	-2.00	4.057	123.003	-150.00
-4.270	123.710	-150.00	-4.000	124.116	-2.00	886+0.000	124.196	123.915	0.281	4.000	124.116	-2.00	4.006	124.108	-150.00
-4.306	124.595	-150.00	-4.000	125.054	-2.00	887+0.000	125.134	124.894	0.239	4.000	125.054	-2.00	4.199	125.186	66.67
-4.363	125.164	-150.00	-4.000	125.708	-2.00	888+0.000	125.788	125.452	0.335	4.000	125.708	-2.00			
-4.360	125.397	-150.00	-4.000	125.937	-2.00	889+0.000	126.017	125.559	0.458	4.000	125.937	-2.00	4.057	125.851	-150.00
-4.327	125.535	-150.00	-4.000	126.025	-2.00	890+0.000	126.105	125.736	0.370	4.000	126.025	-2.00	4.092	125.888	-150.00
-4.346	125.149	-150.00	-4.000	125.669	-2.00	891+0.000	125.749	125.354	0.394	4.000	125.669	-2.00	4.088	125.537	-150.00
-4.300	124.836	-150.00	-4.000	125.287	-2.00	892+0.000	125.367	125.014	0.353	4.000	125.287	-2.00	4.089	125.154	-150.00
-4.394	124.597	-150.00	-4.000	125.188	-2.00	893+0.000	125.268	124.776	0.492	4.000	125.188	-2.00	4.161	124.946	-150.00
-4.291	124.696	-150.00	-4.000	125.132	-2.00	894+0.000	125.212	124.838	0.374	4.000	125.132	-2.00	4.102	124.978	-150.00
-4.360	124.983	-150.00	-4.000	125.523	-2.00	895+0.000	125.603	125.106	0.497	4.000	125.523	-2.00	4.199	125.225	-150.00
-4.242	125.588	-150.00	-4.000	125.952	-2.00	896+0.000	126.032	125.708	0.323	4.000	125.952	-2.00	4.075	125.838	-150.00
-4.288	126.246	-150.00	-4.000	126.677	-2.00	897+0.000	126.757	126.411	0.347	4.000	126.677	-2.00	4.077	126.562	-150.00
-4.377	127.009	-150.00	-4.000	127.574	-2.00	898+0.000	127.654	127.177	0.477	4.000	127.574	-2.00	4.158	127.337	-150.00
-4.324	127.985	-150.00	-4.000	128.470	-2.00	899+0.000	128.550	128.137	0.414	4.000	128.470	-2.00	4.126	128.282	-150.00
-4.248	128.995	-150.00	-4.000	129.367	-2.00	900+0.000	129.447	129.143	0.304	4.000	129.367	-2.00	4.055	129.285	-150.00
-4.165	130.016	-150.00	-4.000	130.264	-2.00	901+0.000	130.344	130.161	0.182	4.000	130.264	-2.00	4.061	130.304	66.67
-4.103	131.006	-150.00	-4.000	131.160	-2.00	902+0.000	131.240	131.140	0.100	4.000	131.160	-2.00	4.175	131.277	66.67
-4.084	131.931	-150.00	-4.000	132.057	-2.00	903+0.000	132.137	132.087	0.050	4.000	132.057	-2.00	4.265	132.233	66.67
-4.193	132.663	-150.00	-4.000	132.953	-2.00	904+0.000	133.033	132.749	0.284	4.000	132.953	-2.00	4.056	132.870	-150.00
-4.216	133.454	-150.00	-4.000	133.778	-2.00	905+0.000	133.858	133.528	0.330	4.000	133.778	-2.00	4.128	133.587	-150.00
-4.189	133.980	-150.00	-4.000	134.262	-2.00	906+0.000	134.342	133.998	0.344	4.000	134.262	-2.00	4.163	134.017	-150.00
-4.242	134.236	-150.00	-4.000	134.599	-2.00	907+0.000	134.679	134.319	0.360	4.000	134.599	-2.00	4.133	134.399	-150.00
-4.217	134.287	-150.00	-4.000	134.612	-2.00	908+0.000	134.692	134.337	0.356	4.000	134.612	-2.00	4.151	134.386	-150.00
-4.304	134.019	-150.00	-4.000	134.475	-2.00	909+0.000	134.555	134.142	0.413	4.000	134.475	-2.00	4.143	134.260	-150.00
-4.302	133.522	-150.00	-4.000	133.975	-2.00	910+0.000	134.055	133.630	0.426	4.000	133.975	-2.00	4.149	133.752	-150.00
-4.330	132.981	-150.00	-4.000	133.476	-2.00	911+0.000	133.556	133.105	0.451	4.000	133.476	-2.00	4.167	133.225	-150.00
-4.332	132.479	-150.00	-4.000	132.977	-2.00	912+0.000	133.057	132.605	0.452	4.000	132.977	-2.00	4.167	132.726	-150.00
-4.283	132.041	-150.00	-4.000	132.466	-2.00	913+0.000	132.546	132.128	0.418	4.000	132.466	-2.00	4.169	132.212	-150.00
-4.291	131.392	-150.00	-4.000	131.828	-2.00	914+0.000	131.908	131.467	0.441	4.000	131.828	-2.00	4.195	131.536	-150.00
-4.290	130.507	-150.00	-4.000	130.942	-2.00	915+0.000	131.022	130.574	0.448	4.000	130.942	-2.00	4.194	130.650	-150.00
-4.340	129.396	-150.00	-4.000	129.906	-2.00	916+0.000	129.986	129.522	0.464	4.000	129.906	-2.00	4.167	129.655	-150.00
-4.343	128.234	-150.00	-4.000	128.748	-2.00	917+0.000	128.828	128.375	0.453	4.000	128.748	-2.00	4.159	128.509	-150.00
-4.365	127.043	-150.00	-4.000	127.590	-2.00	918+0.000	127.670	127.192	0.479	4.000	127.590	-2.00	4.174	127.329	-150.00
-4.357	125.896	-150.00	-4.000	126.432	-2.00	919+0.000	126.512	126.073	0.440	4.000	126.432	-2.00	4.128	126.241	-150.00
-4.350	124.880	-150.00	-4.000	125.405	-2.00	920+0.000	125.485	125.057	0.428	4.000	125.405	-2.00	4.120	125.225	-150.00
-4.297	124.327	-150.00	-4.000	124.773	-2.00	921+0.000	124.853	124.483	0.370	4.000	124.773	-2.00	4.095	124.631	-150.00
-4.292	124.106	-150.00	-4.000	124.543	-2.00	922+0.000	124.623	124.230	0.393	4.000	124.543	-2.00	4.129	124.350	-150.00
-4.256	124.334	-150.00	-4.000	124.717	-2.00	923+0.000	124.797	124.459	0.338	4.000	124.717	-2.00	4.092	124.580	-150.00
-4.178	125.027	-150.00	-4.000	125.294	-2.00	924+0.000	125.374	125.130	0.244	4.000	125.294	-2.00	4.043	125.229	-150.00
-4.239	125.869	-150.00	-4.000	126.228	-2.00	925+0.000	126.308	125.965	0.343	4.000	126.228	-2.00	4.113	126.058	-150.00
-4.228	126.875	-150.00	-4.000	127.217	-2.00	926+0.000	127.297	126.993	0.304	4.000	127.217	-2.00	4.334	126.716	-150.00
-4.180	127.887	-150.00	-4.000	128.157	-2.00	927+0.000	128.237	127.942	0.296	4.000	128.157	-2.00	4.366	127.609	-150.00
-4.154	128.773	-150.00	-4.000	129.005	-2.00	928+0.000	129.085	128.828	0.257	4.000	129.005	-2.00	4.336	128.500	-150.00
-4.187	129.572	-150.00	-4.000	129.852	-2.00	929+0.000	129.932	129.644	0.288	4.000	129.852	-2.00	4.263	129.457	-150.00
-4.149	130.476	-150.00	-4.000	130.699	-2.00	930+0.000	130.779	130.497	0.282	4.000	130.699	-2.00	4.120	130.519	-150.00
-4.134	131.452	-150.00	-4.000	131.653	-2.00	931+0.000	131.733	131.468	0.265	4.000	131.653	-2.00	4.113	131.483	-150.00
-4.130	132.675	-150.00	-4.000	132.869	-2.00	932+0.000	132.949	132.703	0.247	4.000	132.869	-2.00	4.098	132.722	-150.00
-4.162	133.771	-150.00	-4.000	134.014	-2.00	933+0.000	134.094	133.803	0.292	4.000	134.014	-2.00	4.120	133.834	-150.00
-4.326	134.335	-150.00	-4.000	134.824	-2.00	934+0.000	134.904	134.496	0.409	4.000	134.824	-2.00	4.117	134.649	-150.00
-4.264	134.966	-150.00	-4.000	135.363	-2.00	935+0.000	135.443	135.027	0.416	4.000	135.363	-2.00	4.161	135.121	-150.00
-4.246	135.562	-150.00	-4.000	135.931	-2.00	936+0.000	136.011	135.678	0.333	4.000	135.931	-2.00	4.116	135.757	-150.00
-4.279	135.180	-150.00	-4.000	135.598	-2.00	937+0.000	135.678	135.293	0.385	4.000	135.598	-2.00	4.292	135.160	-150.00
-4.306	134.546	-150.00	-4.000	135.005	-2.00	938+0.000	135.085	134.630	0.455	4.000	135.005	-2.00	4.903	133.650	-150.00

Osvaldo Leâncio da
Diretor da Unidade
Projetos e Obras
Secretaria das

-4.301	133.607	-150.00	-4.000	134.060	-2.00	939+0.000	134.140	133.691	0.449	4.000	134.060	-2.00	4.998	132.562	-150.00
-4.272	132.520	-150.00	-4.000	132.929	-2.00	940+0.000	133.009	132.549	0.460	4.000	132.929	-2.00	4.716	131.855	-150.00
-4.264	131.346	-150.00	-4.000	131.741	-2.00	941+0.000	131.821	131.368	0.453	4.000	131.741	-2.00	4.095	131.599	-150.00
-4.259	130.164	-150.00	-4.000	130.553	-2.00	942+0.000	130.633	130.189	0.443	4.000	130.553	-2.00	4.123	130.368	-150.00
-4.234	129.492	-150.00	-4.000	129.843	-2.00	943+0.000	129.923	129.554	0.368	4.000	129.843	-2.00	4.093	129.704	-150.00
-4.237	129.012	-150.00	-4.000	129.369	-2.00	944+0.000	129.449	129.077	0.371	4.000	129.369	-2.00	4.086	129.240	-150.00
-4.256	128.511	-150.00	-4.000	128.895	-2.00	945+0.000	128.975	128.577	0.398	4.000	128.895	-2.00	4.099	128.746	-150.00
-4.245	128.209	-150.00	-4.000	128.577	-2.00	946+0.000	128.657	128.277	0.380	4.000	128.577	-2.00	4.125	128.389	-150.00
-4.291	127.910	-150.00	-4.000	128.347	-2.00	947+0.000	128.427	128.027	0.400	4.000	128.347	-2.00	4.108	128.185	-150.00
-4.283	127.604	-150.00	-4.000	128.029	-2.00	948+0.000	128.109	127.721	0.388	4.000	128.029	-2.00	4.083	127.904	-150.00
-4.268	127.524	-150.00	-4.000	127.927	-2.00	949+0.000	128.007	127.588	0.418	4.000	127.927	-2.00	4.134	127.725	-150.00
-4.319	127.606	-150.00	-4.000	128.085	-2.00	950+0.000	128.165	127.609	0.557	4.000	128.085	-2.00	4.228	127.744	-150.00
-4.267	127.843	-150.00	-4.000	128.244	-2.00	951+0.000	128.324	127.927	0.397	4.000	128.244	-2.00	4.123	128.059	-150.00
-4.213	128.169	-150.00	-4.000	128.489	-2.00	952+0.000	128.569	128.237	0.332	4.000	128.489	-2.00	4.123	128.304	-150.00
-4.180	128.653	-150.00	-4.000	128.923	-2.00	953+0.000	129.003	128.702	0.301	4.000	128.923	-2.00	4.120	128.743	-150.00
-4.184	129.081	-150.00	-4.000	129.356	-2.00	954+0.000	129.436	129.100	0.336	4.000	129.356	-2.00	4.158	129.119	-150.00
-4.169	129.451	-150.00	-4.000	129.704	-2.00	955+0.000	129.784	129.460	0.323	4.000	129.704	-2.00	4.174	129.443	-150.00
-4.180	129.541	-150.00	-4.000	129.810	-2.00	956+0.000	129.890	129.568	0.322	4.000	129.810	-2.00	4.143	129.596	-150.00
-4.200	129.617	-150.00	-4.000	129.917	-2.00	957+0.000	129.997	129.653	0.344	4.000	129.917	-2.00	4.153	129.687	-150.00
-4.215	129.701	-150.00	-4.000	130.023	-2.00	958+0.000	130.103	129.737	0.366	4.000	130.023	-2.00	4.167	129.773	-150.00
-4.196	129.696	-150.00	-4.000	129.990	-2.00	959+0.000	130.070	129.735	0.335	4.000	129.990	-2.00	4.150	129.764	-150.00
-4.233	129.567	-150.00	-4.000	129.917	-2.00	960+0.000	129.997	129.609	0.388	4.000	129.917	-2.00	4.170	129.662	-150.00
-4.242	129.482	-150.00	-4.000	129.845	-2.00	961+0.000	129.925	129.529	0.396	4.000	129.845	-2.00	4.179	129.576	-150.00
-4.257	129.294	-150.00	-4.000	129.680	-2.00	962+0.000	129.760	129.317	0.442	4.000	129.680	-2.00	4.226	129.340	-150.00
-4.301	128.706	-150.00	-4.000	129.158	-2.00	963+0.000	129.238	128.774	0.464	4.000	129.158	-2.00	4.213	128.838	-150.00
-4.308	128.174	-150.00	-4.000	128.636	-2.00	964+0.000	128.716	128.255	0.460	4.000	128.636	-2.00	4.204	128.329	-150.00
-4.298	127.667	-150.00	-4.000	128.113	-2.00	965+0.000	128.193	127.747	0.446	4.000	128.113	-2.00	4.195	127.821	-150.00
-4.298	127.144	-150.00	-4.000	127.591	-2.00	966+0.000	127.671	127.244	0.427	4.000	127.591	-2.00	4.167	127.341	-150.00
-4.298	126.739	-150.00	-4.000	127.186	-2.00	967+0.000	127.266	126.854	0.412	4.000	127.186	-2.00	4.147	126.966	-150.00
-4.257	126.650	-150.00	-4.000	127.035	-2.00	968+0.000	127.115	126.722	0.393	4.000	127.035	-2.00	4.162	126.793	-150.00
-4.252	126.509	-150.00	-4.000	126.887	-2.00	969+0.000	126.967	126.573	0.394	4.000	126.887	-2.00	4.167	126.636	-150.00
-4.210	126.424	-150.00	-4.000	126.740	-2.00	970+0.000	126.820	126.476	0.344	4.000	126.740	-2.00	4.139	126.532	-150.00
-4.201	126.631	-150.00	-4.000	126.934	-2.00	971+0.000	127.014	126.689	0.324	4.000	126.934	-2.00	4.125	126.746	-150.00
-4.228	126.718	-150.00	-4.000	127.060	-2.00	972+0.000	127.140	126.752	0.388	4.000	127.060	-2.00	4.183	126.785	-150.00
-4.205	126.762	-150.00	-4.000	127.070	-2.00	973+0.000	127.150	126.779	0.370	4.000	127.070	-2.00	4.182	126.796	-150.00
-4.178	126.819	-150.00	-4.000	127.086	-2.00	974+0.000	127.166	126.821	0.346	4.000	127.086	-2.00	4.176	126.823	-150.00
-4.169	127.064	-150.00	-4.000	127.317	-2.00	975+0.000	127.397	127.061	0.337	4.000	127.317	-2.00	4.174	127.057	-150.00
-4.143	127.523	-150.00	-4.000	127.737	-2.00	976+0.000	127.817	127.513	0.304	4.000	127.737	-2.00	4.156	127.503	-150.00
-4.153	128.166	-150.00	-4.000	128.395	-2.00	977+0.000	128.475	128.152	0.324	4.000	128.395	-2.00	4.163	128.151	-150.00
-4.103	129.237	-150.00	-4.000	129.391	-2.00	978+0.000	129.471	129.169	0.302	4.000	129.391	-2.00	4.196	129.096	-150.00
-4.084	130.292	-150.00	-4.000	130.418	-2.00	979+0.000	130.498	130.179	0.319	4.000	130.418	-2.00	4.237	130.063	-150.00
-4.079	131.319	-150.00	-4.000	131.437	-2.00	980+0.000	131.517	131.200	0.318	4.000	131.437	-2.00	4.241	131.075	-150.00
-4.095	132.314	-150.00	-4.000	132.457	-2.00	981+0.000	132.537	132.176	0.361	4.000	132.457	-2.00	4.257	132.072	-150.00
-4.045	133.403	-150.00	-4.000	133.471	-2.00	982+0.000	133.551	133.304	0.248	4.000	133.471	-2.00	4.180	133.201	-150.00
-4.022	134.487	66.67	-4.000	134.473	-2.00	983+0.000	134.553	134.383	0.169	4.000	134.473	-2.00	4.131	134.276	-150.00
-4.078	135.357	-150.00	-4.000	135.474	-2.00	984+0.000	135.554	135.280	0.274	4.000	135.474	-2.00	4.167	135.224	-150.00
-4.096	136.291	-150.00	-4.000	136.435	-2.00	985+0.000	136.515	136.246	0.269	4.000	136.435	-2.00	4.157	136.200	-150.00
-4.059	137.218	-150.00	-4.000	137.307	-2.00	986+0.000	137.387	137.217	0.170	4.000	137.307	-2.00	4.076	137.193	-150.00
-4.136	137.890	-150.00	-4.000	138.094	-2.00	987+0.000	138.174	137.856	0.317	4.000	138.094	-2.00	4.181	137.822	-150.00
-4.160	138.390	-150.00	-4.000	138.630	-2.00	988+0.000	138.710	138.381	0.328	4.000	138.630	-2.00	4.171	138.372	-150.00
-4.194	138.647	-150.00	-4.000	138.938	-2.00	989+0.000	139.018	138.627	0.391	4.000	138.938	-2.00	4.221	138.607	-150.00
-4.257	138.578	-150.00	-4.000	138.963	-2.00	990+0.000	139.043	138.652	0.391	4.000	138.963	-2.00	4.130	138.769	-150.00
-4.277	138.383	-150.00	-4.000	138.799	-2.00	991+0.000	138.879	138.508	0.371	4.000	138.799	-2.00	4.110	138.634	-150.00
-4.267	138.484	-150.00	-4.000	138.885	-2.00	992+0.000	138.965	138.645	0.319	4.000	138.885	-2.00	4.057	138.799	-150.00
-4.389	138.449	-150.00	-4.000	139.033	-2.00	993+0.000	139.113	138.741	0.372	4.000	139.033	-2.00	4.016	139.008	-150.00
-4.418	138.358	-150.00	-4.000	138.984	-2.00	994+0.000	139.064	138.653	0.412	4.000	138.984	-2.00			
-4.439	138.278	-150.00	-4.000	138.936	-2.00	995+0.000	139.016	138.641	0.376	4.000	138.936	-2.00	4.054	138.972	66.67
-4.435	138.235	-150.00	-4.000	138.888	-2.00	996+0.000	138.968	138.588	0.380	4.000	138.888	-2.00	4.033	138.911	66.67
-4.418	138.221	-150.00	-4.000	138.849	-2.00	997+0.000	138.929	138.588	0.341	4.000	138.849	-2.00	4.122	138.930	66.67
-4.454	138.121	-150.00	-4.000	138.803	-2.00	998+0.000	138.883	138.488	0.395	4.000	138.803	-2.00	4.034	138.826	66.67
-4.432	137.692	-150.00	-4.000	138.340	-2.00	999+0.000	138.420	138.027	0.394	4.000	138.340	-2.00			
-4.415	137.072	-150.00	-4.000	137.695	-2.00	1000+0.000	137.775	137.390	0.385	4.000	137.695	-2.00	4.011	137.678	-150.00
-4.423	136.416	-150.00	-4.000	137.050	-2.00	1001+0.000	137.130	136.708	0.422	4.000	137.050	-2.00	4.050	136.975	-150.00
-4.401	135.647	-150.00	-4.000	136.249	-2.00	1002+0.000	136.329	135.899	0.430	4.000	136.249	-2.00	4.077	136.133	-150.00
-4.381	135.236	-150.00	-4.000	135.807	-2.00	1003+0.000	135.887	135.425	0.462	4.000	135.807	-2.00	4.127	135.617	-150.00
-4.336	135.090	-150.00	-4.000	135.594	-2.00	1004+0.000	135.674	135.282	0.391	4.000	135.594	-2.00	4.087	135.464	-150.00
-4.322	135.087	-150.00	-4.000	135.570	-2.00	1005+0.000	135.650	135.279	0.371	4.000	135.570	-2.00	4.072	135.462	-150.00
-4.341	135.020	-150.00	-4.000	135.532	-2.00	1006+0.000	135.612	135.225	0.386	4.000	135.532	-2.00	4.076	135.418	-150.00
-4.342	134.941	-150.00	-4.000	135.454	-2.00	1007+0.000	135.534	135.152	0.382	4.000	135.454	-2.00	4.069	135.350	-150.00
-4.341	134.800	-150.00	-4.000	135.312	-2.00	1008+0.000	135.392	134.995	0.397	4.000	135.312	-2.00	4.089	135.179	-150.00
-4.344	134.598	-150.00	-4.000	135.113	-2.00	1009+0.000	135.193	134.775	0.418	4.000	135.113	-2.00	4.122	134.931	-150.00
-4.319	134.471	-150.00	-4.000	134.950	-2.00	1010+0.000	135.030	134.625	0.405	4.000	134.950	-2.00	4.119	134.771	-150.00
-4.382	134.295	-150.00	-4.000	134.868	-2.00	1011+0.000	134.948	134.453	0.495	4.000	134.868	-2.00	4.176	134.603	-150.00
-4.167	134.589	-150.00	-4.000	134.840	-2.00	1012+0.000	134.920	134.593	0.327	4.000	134.840	-2.00	4.161	134.598	-150.00
-4.176	134.760	-150.00	-4.000	135.024	-2.00	1013+0.000	135.104	134.757	0.346	4.000	135.024	-2.00	4.176	134.760	-150.00
-4.185	134.908	-150.00	-4.000	135.186	-2.00	1014+0.000	135.266	134.900	0.366	4.000	135.186	-2.00	4.197	134.890	-150.00
-4.223	134.958	-150.00	-4.000	135.292	-2.00	1015+0.000	135.372	135.002	0.371	4.000	135.292	-2.00	4.199	134.994	-150.00
-4.233	134.836	-150.00	-4.000	135.186	-2.00	1016+0.000	135.266	134.873	0.393	4.000	135.186	-2.00	4.184	134.910	-150.00
-4.246	134.638	-150.00	-4.000	135.007	-2.00	1017+0.000	135.087	134.697	0.390	4.000	135.007	-2.00	4.168	134.755	-150.00
-4.258	134.390	-150.00	-4.000	134.777	-2.00	1018+0.000	134.857	134.461	0.396	4.000	134.777	-2.00	4.165	134.530	-150.00
-4.248	134.146	-150.00	-4.000	134.519	-2.00	1019+0.000	134.599	134.207	0.392	4.000	134.519	-2.00	4.168	134.267	-150.00
-4.259	133.845	-150.00	-4.000	134.233	-2.00	1020+0.000	134.313	133.907	0.407	4.000	134.233	-2.00	4.178	133.967	-150.00
-4.230	133.466	-150.00	-4.000	133.812	-2.00	1021+0.000	133.892	133.459	0.433	4.000	133.812	-2.00	4.240	133.452	-150.00
-4.217	132.780	-150.00	-4.000	133.105	-2.00	1022+0.000	133.185	132.795	0.390	4.000	133.105	-2.00	4.196	132.810	-150.00
-4.227	131.987	-150.00	-4.000	132.328	-2.00	1023+0.000	132.408	131.996	0.413	4.000	132.328	-2.00	4.216	132.004	-150.00
-4.295	131.009	-150.00	-4.000	131.451	-2.00	1024+0.000	131.531	131.084	0.447	4.000	131.451	-2.00	4.196	131.158	-150.00

Osvaldo Leoncio da Silva
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Secid)

-4.282	130.044	-150.00	-4.000	130.468	-2.00	1025+0.000	130.548	130.098	0.450	4.000	130.468	-2.00	4.186	130.189	-150.00
-4.298	129.038	-150.00	-4.000	129.485	-2.00	1026+0.000	129.565	129.096	0.469	4.000	129.485	-2.00	4.178	129.217	-150.00
-4.308	128.141	-150.00	-4.000	128.604	-2.00	1027+0.000	128.684	128.250	0.434	4.000	128.604	-2.00	4.165	128.356	-150.00
-4.297	127.257	-150.00	-4.000	127.703	-2.00	1028+0.000	127.783	127.333	0.450	4.000	127.703	-2.00	4.190	127.418	-150.00
-4.221	126.495	-150.00	-4.000	126.827	-2.00	1029+0.000	126.907	126.505	0.402	4.000	126.827	-2.00	4.208	126.515	-150.00
-4.250	125.595	-150.00	-4.000	125.970	-2.00	1030+0.000	126.050	125.599	0.451	4.000	125.970	-2.00	4.218	125.644	-150.00
-4.220	125.028	-150.00	-4.000	125.358	-2.00	1031+0.000	125.438	125.057	0.381	4.000	125.358	-2.00	4.181	125.087	-150.00
-4.210	124.827	-150.00	-4.000	125.142	-2.00	1032+0.000	125.222	124.867	0.355	4.000	125.142	-2.00	4.157	124.906	-150.00
-4.230	124.978	-150.00	-4.000	125.323	-2.00	1033+0.000	125.403	125.000	0.402	4.000	125.323	-2.00	4.187	125.042	-150.00
-4.154	125.529	-150.00	-4.000	125.760	-2.00	1034+0.000	125.840	125.499	0.341	4.000	125.760	-2.00	4.194	125.469	-150.00
-4.070	126.180	-150.00	-4.000	126.284	-2.00	1035+0.000	126.364	126.054	0.310	4.000	126.284	-2.00	4.206	125.976	-150.00
-4.083	126.792	-150.00	-4.000	126.917	-2.00	1036+0.000	126.997	126.647	0.350	4.000	126.917	-2.00	4.273	126.507	-150.00
-4.007	127.561	-150.00	-4.000	127.571	-2.00	1037+0.000	127.651	127.349	0.302	4.000	127.571	-2.00	4.328	127.079	-150.00
-4.058	128.139	-150.00	-4.000	128.226	-2.00	1038+0.000	128.306	127.880	0.425	4.000	128.226	-2.00	4.413	127.606	-150.00
-4.006	128.871	-150.00	-4.000	128.880	-2.00	1039+0.000	128.960	128.596	0.364	4.000	128.880	-2.00	4.390	128.295	-150.00
-4.079	129.703	66.67	-4.000	129.651	-2.00	1040+0.000	129.731	129.443	0.288	4.000	129.651	-2.00	4.305	129.193	-150.00
-4.115	130.829	66.67	-4.000	130.752	-2.00	1041+0.000	130.832	130.558	0.274	4.000	130.752	-2.00	4.300	130.303	-150.00
-4.056	131.933	-150.00	-4.000	132.017	-2.00	1042+0.000	132.097	131.751	0.346	4.000	132.017	-2.00	4.306	131.557	-150.00
-4.050	132.729	-150.00	-4.000	132.804	-2.00	1043+0.000	132.884	132.566	0.318	4.000	132.804	-2.00	4.272	132.396	-150.00
-4.102	133.289	-150.00	-4.000	133.443	-2.00	1044+0.000	133.523	133.164	0.358	4.000	133.443	-2.00	4.267	133.042	-150.00
-4.099	133.710	-150.00	-4.000	133.859	-2.00	1045+0.000	133.939	133.585	0.353	4.000	133.859	-2.00	4.269	133.455	-150.00
-4.110	134.111	-150.00	-4.000	134.275	-2.00	1046+0.000	134.355	134.019	0.336	4.000	134.275	-2.00	4.234	133.924	-150.00
-4.095	134.660	-150.00	-4.000	134.802	-2.00	1047+0.000	134.882	134.580	0.303	4.000	134.802	-2.00	4.203	134.497	-150.00
-4.113	135.384	-150.00	-4.000	135.554	-2.00	1048+0.000	135.634	135.343	0.291	4.000	135.554	-2.00	4.174	135.293	-150.00
-4.184	136.213	-150.00	-4.000	136.488	-2.00	1049+0.000	136.568	136.285	0.283	4.000	136.488	-2.00	4.088	136.356	-150.00
-4.226	137.294	-150.00	-4.000	137.633	-2.00	1050+0.000	137.713	137.378	0.335	4.000	137.633	-2.00	4.116	137.459	-150.00
-4.275	137.960	-150.00	-4.000	138.373	-2.00	1051+0.000	138.453	138.094	0.359	4.000	138.373	-2.00	4.100	138.222	-150.00
-4.292	138.114	-150.00	-4.000	138.551	-2.00	1052+0.000	138.631	138.238	0.393	4.000	138.551	-2.00	4.129	138.357	-150.00
-4.324	137.681	-150.00	-4.000	138.167	-2.00	1053+0.000	138.247	137.784	0.463	4.000	138.167	-2.00	4.188	137.884	-150.00
-4.322	136.758	-150.00	-4.000	137.242	-2.00	1054+0.000	137.322	136.871	0.451	4.000	137.242	-2.00	4.195	136.949	-150.00
-4.287	135.590	-150.00	-4.000	136.020	-2.00	1055+0.000	136.100	135.589	0.512	4.000	136.020	-2.00	4.289	135.587	-150.00
-4.260	134.346	-150.00	-4.000	134.735	-2.00	1056+0.000	134.815	134.303	0.513	4.000	134.735	-2.00	4.300	134.285	-150.00
-4.209	133.163	-150.00	-4.000	133.477	-2.00	1057+0.000	133.557	133.107	0.450	4.000	133.477	-2.00	4.284	133.051	-150.00
-4.183	132.158	-150.00	-4.000	132.433	-2.00	1058+0.000	132.513	132.076	0.437	4.000	132.433	-2.00	4.292	131.995	-150.00
-4.149	131.435	-150.00	-4.000	131.658	-2.00	1059+0.000	131.738	131.367	0.371	4.000	131.658	-2.00	4.202	131.355	-150.00
-4.185	131.049	-150.00	-4.000	131.326	-2.00	1060+0.000	131.406	131.036	0.369	4.000	131.326	-2.00	4.201	131.024	-150.00
-4.149	131.260	-150.00	-4.000	131.483	-2.00	1061+0.000	131.563	131.240	0.324	4.000	131.483	-2.00	4.177	131.218	-150.00
-4.114	131.675	-150.00	-4.000	131.846	-2.00	1062+0.000	131.926	131.651	0.275	4.000	131.846	-2.00	4.146	131.628	-150.00
-4.143	132.431	-150.00	-4.000	132.645	-2.00	1063+0.000	132.725	132.431	0.294	4.000	132.645	-2.00	4.142	132.432	-150.00
-4.127	133.519	-150.00	-4.000	133.710	-2.00	1064+0.000	133.790	133.533	0.257	4.000	133.710	-2.00	4.103	133.556	-150.00
-4.134	134.887	-150.00	-4.000	135.089	-2.00	1065+0.000	135.169	134.897	0.271	4.000	135.089	-2.00	4.121	134.907	-150.00
-4.152	136.239	-150.00	-4.000	136.467	-2.00	1066+0.000	136.547	136.272	0.274	4.000	136.467	-2.00	4.107	136.306	-150.00
-4.202	137.358	-150.00	-4.000	137.660	-2.00	1067+0.000	137.740	137.422	0.318	4.000	137.660	-2.00	4.118	137.482	-150.00
-4.267	138.243	-150.00	-4.000	138.644	-2.00	1068+0.000	138.724	138.343	0.381	4.000	138.644	-2.00	4.252	138.266	-150.00
-4.271	138.247	-150.00	-4.000	138.654	-2.00	1069+0.000	138.734	138.347	0.387	4.000	138.654	-2.00	4.180	138.385	-150.00
-4.411	137.735	-150.00	-4.000	138.352	-2.00	1070+0.000	138.432	137.985	0.447	4.000	138.352	-2.00	4.121	138.171	-150.00
-4.366	137.228	-150.00	-4.000	137.777	-2.00	1071+0.000	137.857	137.465	0.392	4.000	137.777	-2.00	4.067	137.677	-150.00
-4.384	136.624	-150.00	-4.000	137.200	-2.00	1072+0.000	137.280	136.864	0.416	4.000	137.200	-2.00	4.074	137.089	-150.00
-4.371	135.995	-150.00	-4.000	136.551	-2.00	1073+0.000	136.631	136.218	0.413	4.000	136.551	-2.00	4.083	136.426	-150.00
-4.369	135.417	-150.00	-4.000	135.970	-2.00	1074+0.000	136.050	135.649	0.402	4.000	135.970	-2.00	4.070	135.865	-150.00
-4.374	135.032	-150.00	-4.000	135.592	-2.00	1075+0.000	135.672	135.292	0.381	4.000	135.592	-2.00	4.040	135.532	-150.00
-4.316	135.079	-150.00	-4.000	135.553	-2.00	1076+0.000	135.633	135.301	0.333	4.000	135.553	-2.00	4.027	135.513	-150.00
-4.362	135.435	-150.00	-4.000	135.978	-2.00	1077+0.000	136.058	135.643	0.415	4.000	135.978	-2.00	4.093	135.838	-150.00
-4.331	135.872	-150.00	-4.000	136.368	-2.00	1078+0.000	136.448	136.098	0.351	4.000	136.368	-2.00	4.051	136.292	-150.00
-4.350	135.617	-150.00	-4.000	136.142	-2.00	1079+0.000	136.222	135.767	0.455	4.000	136.142	-2.00	4.154	135.911	-150.00
-4.295	135.287	-150.00	-4.000	135.729	-2.00	1080+0.000	135.809	135.461	0.348	4.000	135.729	-2.00	4.069	135.625	-150.00
-4.290	135.212	-150.00	-4.000	135.647	-2.00	1081+0.000	135.727	135.321	0.406	4.000	135.647	-2.00	4.147	135.426	-150.00
-4.201	135.764	-150.00	-4.000	136.065	-2.00	1082+0.000	136.145	135.773	0.372	4.000	136.065	-2.00	4.196	135.771	-150.00
-4.175	136.294	-150.00	-4.000	136.556	-2.00	1083+0.000	136.636	136.286	0.350	4.000	136.556	-2.00	4.186	136.277	-150.00
-4.204	136.634	-150.00	-4.000	136.939	-2.00	1084+0.000	137.019	136.625	0.395	4.000	136.939	-2.00	4.212	136.622	-150.00
-4.196	136.900	-150.00	-4.000	137.194	-2.00	1085+0.000	137.274	136.904	0.370	4.000	137.194	-2.00	4.187	136.913	-150.00
-4.153	137.252	-150.00	-4.000	137.482	-2.00	1086+0.000	137.562	137.231	0.331	4.000	137.482	-2.00	4.182	137.210	-150.00
-4.171	137.913	-150.00	-4.000	138.170	-2.00	1087+0.000	138.250	137.927	0.323	4.000	138.170	-2.00	4.158	137.932	-150.00
-4.181	138.606	-150.00	-4.000	138.878	-2.00	1088+0.000	138.958	138.675	0.283	4.000	138.878	-2.00	4.091	138.741	-150.00
-4.272	139.336	-150.00	-4.000	139.744	-2.00	1089+0.000	139.824	139.499	0.325	4.000	139.744	-2.00	4.063	139.649	-150.00
-4.290	139.882	-150.00	-4.000	140.318	-2.00	1090+0.000	140.398	140.067	0.330	4.000	140.318	-2.00	4.050	140.242	-150.00
-4.328	140.236	-150.00	-4.000	140.728	-2.00	1091+0.000	140.808	140.420	0.388	4.000	140.728	-2.00	4.090	140.593	-150.00
-4.296	140.443	-150.00	-4.000	140.887	-2.00	1092+0.000	140.967	140.604	0.364	4.000	140.887	-2.00	4.087	140.757	-150.00
-4.304	140.393	-150.00	-4.000	140.849	-2.00	1093+0.000	140.929	140.554	0.375	4.000	140.849	-2.00	4.079	140.730	-150.00
-4.317	140.334	-150.00	-4.000	140.810	-2.00	1094+0.000	140.890	140.520	0.370	4.000	140.810	-2.00	4.076	140.695	-150.00
-4.352	140.182	-150.00	-4.000	140.710	-2.00	1095+0.000	140.790	140.364	0.427	4.000	140.710	-2.00	4.117	140.535	-150.00
-4.369	140.031	-150.00	-4.000	140.585	-2.00	1096+0.000	140.665	140.207	0.458	4.000	140.585	-2.00	4.141	140.373	-150.00
-4.386	139.881	-150.00	-4.000	140.460	-2.00	1097+0.000	140.540	140.042	0.498	4.000	140.460	-2.00	4.176	140.196	-150.00
-4.306	139.876	-150.00	-4.000	140.335	-2.00	1098+0.000	140.415	140.032	0.383	4.000	140.335	-2.00	4.111	140.169	-150.00
-4.253	139.863	-150.00	-4.000	140.242	-2.00	1099+0.000	140.322	139.969	0.353	4.000	140.242	-2.00	4.114	140.071	-150.00
-4.240	140.028	-150.00	-4.000	140.388	-2.00	1100+0.000	140.468	140.103	0.365	4.000	140.388	-2.00	4.142	140.176	-150.00
-4.203	140.367	-150.00	-4.000	140.672	-2.00	1101+0.000	140.752	140.403	0.349	4.000	140.672	-2.00	4.156	140.438	-150.00
-4.232	140.848	-150.00	-4.000	141.197	-2.00	1102+0.000	141.277	140.934	0.343	4.000	141.197	-2.00	4.119	141.018	-150.00
-4.290	141.135	-150.00	-4.000	141.570	-2.00	1103+0.000	141.650	141.263	0.387	4.000	141.570	-2.00	4.122	141.386	-150.00
-4.282	141.476	-150.00	-4.000	141.899	-2.00	1104+0.000	141.979	141.626	0.353	4.000	141.899	-2.00	4.086	141.769	-150.00
-4.275	141.733	-150.00	-4.000	142.145	-2.00	1105+0.000	142.225	141.877	0.348	4.000	142.145	-2.00	4.088	142.013	-150.00
-4.349	141.780	-150.00	-4.000	142.304	-2.00	1106+0.000	142.384	141.992	0.392	4.000	142.304	-2.00	4.075	142.191	-150.00
-4.356	141.691	-150.00	-4.000	142.225	-2.00	1107+0.000	142.305	141.904	0.400	4.000	142.225	-2.00	4.080	142.104	-150.00
-4.342	141.614	-150.00	-4.000	142.128	-2.00	1108+0.000	142.208	141.828	0.380	4.000	142.128	-2.00	4.067	142.028	-150.00
-4.348	141.222	-150.00	-4.000	141.744	-2.00	1109+0.000	141.824	141.413	0.411	4.000	141.744	-2.00	4.101	141.592	-150.00
-4.305	140.824	-150.00	-4.000	141.281	-2.00	1110+0.000	141.361	140.961	0.400	4.000	141.281	-2.00	4.139	141.074	-150.00

-4.404	140.527	-150.00	-4.000	141.132	-2.00	1111+0.000	141.212	140.624	0.588	4.000	141.132	-2.00	4.275	140.719	-150.00
-4.168	140.735	-150.00	-4.000	140.988	-2.00	1112+0.000	141.068	140.774	0.294	4.000	140.988	-2.00	4.117	140.812	-150.00
-4.158	140.605	-150.00	-4.000	140.843	-2.00	1113+0.000	140.923	140.541	0.383	4.000	140.843	-2.00	4.246	140.474	-150.00
-4.111	140.531	-150.00	-4.000	140.698	-2.00	1114+0.000	140.778	140.436	0.343	4.000	140.698	-2.00	4.244	140.332	-150.00
-4.084	140.393	-150.00	-4.000	140.518	-2.00	1115+0.000	140.598	140.267	0.331	4.000	140.518	-2.00	4.254	140.137	-150.00
-4.080	140.175	-150.00	-4.000	140.296	-2.00	1116+0.000	140.376	140.014	0.361	4.000	140.296	-2.00	4.300	139.845	-150.00
-4.078	139.955	-150.00	-4.000	140.071	-2.00	1117+0.000	140.151	139.731	0.420	4.000	140.071	-2.00	4.387	139.491	-150.00
-4.084	139.382	-150.00	-4.000	139.508	-2.00	1118+0.000	139.588	139.165	0.423	4.000	139.508	-2.00	4.384	138.932	-150.00
-4.127	138.583	-150.00	-4.000	138.775	-2.00	1119+0.000	138.855	138.454	0.401	4.000	138.775	-2.00	4.294	138.334	-150.00
-4.137	137.820	-150.00	-4.000	138.026	-2.00	1120+0.000	138.106	137.728	0.378	4.000	138.026	-2.00	4.262	137.633	-150.00
-4.163	137.032	-150.00	-4.000	137.277	-2.00	1121+0.000	137.357	136.944	0.413	4.000	137.277	-2.00	4.282	136.854	-150.00
-4.226	136.317	-150.00	-4.000	136.656	-2.00	1122+0.000	136.736	136.359	0.377	4.000	136.656	-2.00	4.170	136.401	-150.00
-4.232	135.929	-150.00	-4.000	136.277	-2.00	1123+0.000	136.357	135.969	0.388	4.000	136.277	-2.00	4.179	136.009	-150.00
-4.295	135.456	-150.00	-4.000	135.898	-2.00	1124+0.000	135.978	135.504	0.474	4.000	135.898	-2.00	4.208	135.586	-150.00
-4.280	135.106	-150.00	-4.000	135.526	-2.00	1125+0.000	135.606	135.214	0.392	4.000	135.526	-2.00	4.138	135.318	-150.00
-4.252	134.964	-150.00	-4.000	135.342	-2.00	1126+0.000	135.422	135.049	0.373	4.000	135.342	-2.00	4.140	135.133	-150.00
-4.272	134.808	-150.00	-4.000	135.216	-2.00	1127+0.000	135.296	134.905	0.391	4.000	135.216	-2.00	4.150	134.990	-150.00
-4.303	134.349	-150.00	-4.000	134.804	-2.00	1128+0.000	134.884	134.489	0.395	4.000	134.804	-2.00	4.119	134.625	-150.00
-4.305	134.148	-150.00	-4.000	134.607	-2.00	1129+0.000	134.687	134.304	0.383	4.000	134.607	-2.00	4.111	134.439	-150.00
-4.254	133.995	-150.00	-4.000	134.376	-2.00	1130+0.000	134.456	134.079	0.377	4.000	134.376	-2.00	4.144	134.160	-150.00
-4.245	133.772	-150.00	-4.000	134.139	-2.00	1131+0.000	134.219	133.844	0.375	4.000	134.139	-2.00	4.147	133.918	-150.00
-4.203	133.701	-150.00	-4.000	134.006	-2.00	1132+0.000	134.086	133.731	0.355	4.000	134.006	-2.00	4.153	133.777	-150.00
-4.193	133.688	-150.00	-4.000	133.977	-2.00	1133+0.000	134.057	133.718	0.340	4.000	133.977	-2.00	4.154	133.747	-150.00
-4.153	134.207	-150.00	-4.000	134.437	-2.00	1134+0.000	134.517	134.198	0.320	4.000	134.437	-2.00	4.166	134.188	-150.00
-4.205	134.726	-150.00	-4.000	135.034	-2.00	1135+0.000	135.114	134.752	0.363	4.000	135.034	-2.00	4.203	134.729	-150.00
-4.106	135.240	-150.00	-4.000	135.399	-2.00	1136+0.000	135.479	135.171	0.308	4.000	135.399	-2.00	4.199	135.101	-150.00
-4.277	134.905	-150.00	-4.000	135.320	-2.00	1137+0.000	135.400	134.941	0.459	4.000	135.320	-2.00	4.267	134.920	-150.00
-4.275	134.480	-150.00	-4.000	134.893	-2.00	1138+0.000	134.973	134.563	0.410	4.000	134.893	-2.00	4.166	134.644	-150.00
-4.262	134.047	-150.00	-4.000	134.439	-2.00	1139+0.000	134.519	134.120	0.399	4.000	134.439	-2.00	4.165	134.192	-150.00
-4.285	133.629	-150.00	-4.000	134.056	-2.00	1140+0.000	134.136	133.786	0.350	4.000	134.056	-2.00	4.080	133.936	-150.00
-4.339	133.703	-150.00	-4.000	134.212	-2.00	1141+0.000	134.292	133.929	0.363	4.000	134.212	-2.00	4.091	134.076	-150.00
-4.352	133.452	-150.00	-4.000	133.980	-2.00	1142+0.000	134.060	133.723	0.336	4.000	133.980	-2.00			
-4.425	133.188	-150.00	-4.000	133.825	-2.00	1143+0.000	133.905	133.459	0.446	4.000	133.825	-2.00	4.078	133.709	-150.00
-4.396	132.388	-150.00	-4.000	132.982	-2.00	1144+0.000	133.062	132.673	0.389	4.000	132.982	-2.00	4.032	132.935	-150.00
-4.323	131.718	-150.00	-4.000	132.202	-2.00	1145+0.000	132.282	131.998	0.284	4.000	132.202	-2.00	4.090	132.262	66.67
-4.259	130.943	-150.00	-4.000	131.332	-2.00	1146+0.000	131.412	131.040	0.372	4.000	131.332	-2.00	4.132	131.134	-150.00
-4.293	129.895	-150.00	-4.000	130.334	-2.00	1147+0.000	130.414	129.977	0.437	4.000	130.334	-2.00	4.122	130.151	-150.00
-4.267	129.288	-150.00	-4.000	129.689	-2.00	1148+0.000	129.769	129.368	0.401	4.000	129.689	-2.00	4.118	129.511	-150.00
-4.240	128.923	-150.00	-4.000	129.283	-2.00	1149+0.000	129.363	129.006	0.357	4.000	129.283	-2.00	4.098	129.135	-150.00
-4.260	128.799	-150.00	-4.000	129.190	-2.00	1150+0.000	129.270	128.922	0.348	4.000	129.190	-2.00	4.129	128.996	-150.00
-4.189	129.418	-150.00	-4.000	129.702	-2.00	1151+0.000	129.782	129.523	0.260	4.000	129.702	-2.00	4.059	129.614	-150.00
-4.288	130.144	-150.00	-4.000	130.576	-2.00	1152+0.000	130.656	130.315	0.340	4.000	130.576	-2.00	4.091	130.439	-150.00
-4.314	130.679	-150.00	-4.000	131.150	-2.00	1153+0.000	131.230	130.870	0.360	4.000	131.150	-2.00	4.071	131.044	-150.00
-4.272	131.317	-150.00	-4.000	131.725	-2.00	1154+0.000	131.805	131.472	0.333	4.000	131.725	-2.00	4.070	131.619	-150.00
-4.279	131.852	-150.00	-4.000	132.271	-2.00	1155+0.000	132.351	131.997	0.354	4.000	132.271	-2.00	4.090	132.136	-150.00
-4.284	132.057	-150.00	-4.000	132.483	-2.00	1156+0.000	132.563	132.197	0.366	4.000	132.483	-2.00	4.132	132.285	-150.00
-4.200	132.256	-150.00	-4.000	132.555	-2.00	1157+0.000	132.635	132.298	0.337	4.000	132.555	-2.00	4.094	132.414	-150.00
-4.259	132.807	-150.00	-4.000	133.195	-2.00	1158+0.000	133.275	132.815	0.460	4.000	133.195	-2.00	4.248	132.823	-150.00
-4.120	133.970	-150.00	-4.000	134.149	-2.00	1159+0.000	134.229	133.931	0.299	4.000	134.149	-2.00	4.219	133.821	-150.00
-4.069	135.251	66.67	-4.000	135.205	-2.00	1160+0.000	135.285	135.162	0.123	4.000	135.205	-2.00	4.088	135.073	-150.00
-4.280	137.754	66.67	-4.000	137.568	-2.00	1161+0.000	137.648	137.406	0.241	4.000	137.568	-2.00	4.343	137.054	-150.00
-4.419	139.658	66.67	-4.000	139.379	-2.00	1162+0.000	139.459	139.236	0.223	4.000	139.379	-2.00	4.374	138.818	-150.00
-4.386	141.454	66.67	-4.000	141.197	-2.00	1163+0.000	141.277	141.036	0.241	4.000	141.197	-2.00	4.387	140.617	-150.00
-4.416	143.295	66.67	-4.000	143.017	-2.00	1164+0.000	143.097	142.885	0.212	4.000	143.017	-2.00	4.399	142.418	-150.00
-4.115	144.468	66.67	-4.000	144.391	-2.00	1165+0.000	144.471	144.098	0.373	4.000	144.391	-2.00	4.462	143.697	-150.00
-4.045	145.016	66.67	-4.000	144.986	-2.00	1166+0.000	145.066	144.727	0.339	4.000	144.986	-2.00	4.381	144.414	-150.00
-4.036	145.244	-150.00	-4.000	145.299	-2.00	1167+0.000	145.379	145.034	0.345	4.000	145.299	-2.00	4.327	144.809	-150.00
-4.037	145.486	-150.00	-4.000	145.541	-2.00	1168+0.000	145.621	145.274	0.347	4.000	145.541	-2.00	4.307	145.080	-150.00
-4.044	145.806	-150.00	-4.000	145.873	-2.00	1169+0.000	145.953	145.615	0.338	4.000	145.873	-2.00	4.308	145.411	-150.00
-4.036	146.551	-150.00	-4.000	146.605	-2.00	1170+0.000	146.685	146.361	0.324	4.000	146.605	-2.00	4.296	146.161	-150.00
-4.047	147.161	-150.00	-4.000	147.231	-2.00	1171+0.000	147.311	146.899	0.412	4.000	147.231	-2.00	4.412	146.613	-150.00
-4.006	147.799	-150.00	-4.000	147.809	-2.00	1172+0.000	147.889	147.546	0.343	4.000	147.809	-2.00	4.361	147.267	-150.00
-4.061	148.210	66.67	-4.000	148.169	-2.00	1173+0.000	148.249	147.897	0.352	4.000	148.169	-2.00	4.390	147.584	-150.00
-4.078	148.283	66.67	-4.000	148.231	-2.00	1174+0.000	148.311	147.993	0.318	4.000	148.231	-2.00	4.338	147.723	-150.00
-4.021	148.315	66.67	-4.000	148.301	-2.00	1175+0.000	148.381	148.032	0.349	4.000	148.301	-2.00	4.384	147.724	-150.00
-4.009	148.711	66.67	-4.000	148.705	-2.00	1176+0.000	148.785	148.449	0.336	4.000	148.705	-2.00	4.360	148.164	-150.00
-4.053	149.481	66.67	-4.000	149.446	-2.00	1177+0.000	149.526	149.219	0.307	4.000	149.446	-2.00	4.298	148.998	-150.00
-4.032	150.472	-150.00	-4.000	150.520	-2.00	1178+0.000	150.600	150.311	0.289	4.000	150.520	-2.00	4.252	150.142	-150.00
-4.053	151.752	-150.00	-4.000	151.831	-2.00	1179+0.000	151.911	151.601	0.310	4.000	151.831	-2.00	4.259	151.444	-150.00
-4.077	153.141	-150.00	-4.000	153.257	-2.00	1180+0.000	153.337	153.053	0.284	4.000	153.257	-2.00	4.196	152.963	-150.00
-4.118	154.480	-150.00	-4.000	154.658	-2.00	1181+0.000	154.738	154.432	0.306	4.000	154.658	-2.00	4.184	154.382	-150.00
-4.133	155.696	-150.00	-4.000	155.895	-2.00	1182+0.000	155.975	155.681	0.294	4.000	155.895	-2.00	4.152	155.667	-150.00
-4.175	156.504	-150.00	-4.000	156.767	-2.00	1183+0.000	156.847	156.572	0.276	4.000	156.767	-2.00	4.086	156.638	-150.00
-4.210	157.318	-150.00	-4.000	157.633	-2.00	1184+0.000	157.713	157.392	0.322	4.000	157.633	-2.00	4.116	157.460	-150.00
-4.234	158.023	-150.00	-4.000	158.375	-2.00	1185+0.000	158.455	158.102	0.352	4.000	158.375	-2.00	4.130	158.180	-150.00
-4.174	158.757	-150.00	-4.000	159.017	-2.00	1186+0.000	159.097	158.781	0.316	4.000	159.017	-2.00	4.137	158.811	-150.00
-4.119	159.475	-150.00	-4.000	159.654	-2.00	1187+0.000	159.734	159.404	0.330	4.000	159.654	-2.00	4.276	159.240	-150.00
-4.132	159.971	-150.00	-4.000	160.168	-2.00	1188+0.000	160.248	159.901	0.347	4.000	160.168	-2.00	4.340	159.658	-150.00
-4.124	160.437	-150.00	-4.000	160.623	-2.00	1189+0.000	160.703	160.356	0.348	4.000	160.623	-2.00	4.387	160.044	-150.00
-4.051	160.868	-150.00	-4.000	160.945	-2.00	1190+0.000	161.025	160.705	0.319	4.000	160.945	-2.00	4.360	160.404	-150.00
-4.208	161.384	66.67	-4.000	161.245	-2.00	1191+0.000	161.325	161.014	0.311	4.000	161.245	-2.00	4.394	160.655	-150.00
-4.169	161.659	66.67	-4.000	161.546	-2.00	1192+0.000	161.626	161.278	0.349	4.000	161.546	-2.00	4.450	160.871	-150.00
-4.257	161.624	66.67	-4.000	161.453	-2.00	1193+0.000	161.533	161.247	0.286	4.000	161.453	-2.00	4.414	160.832	-150.00
-4.022	161.109	-150.00	-4.000	161.142	-2.00	1194+0.000	161.222	160.745	0.477	4.000	161.142	-2.00	4.539	160.334	-150.00
-4.014	160.223	-150.00	-4.000	160.244	-2.00	1195+0.000	160.324	159.859	0.465	4.000	160.244	-2.00	4.538	159.436	-150.00
-4.007	159.228	-150.00	-4.000	159.239	-2.00	1196+0.000	159.319	158.846	0.474	4.000	159.239	-2.00	4.504	158.483	-150.00

Osvaldo Leôncio da Silv[illegible]
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades [illegible]

-4.029	158.136	-150.00	-4.000	158.180	-2.00	1197+0.000	158.260	157.809	0.451	4.000	158.180	-2.00	4.498	157.433	-150.00
-4.133	156.543	-150.00	-4.000	156.742	-2.00	1198+0.000	156.822	156.228	0.594	4.000	156.742	-2.00	4.575	155.879	-150.00
-4.142	155.086	-150.00	-4.000	155.300	-2.00	1199+0.000	155.380	154.861	0.519	4.000	155.300	-2.00	4.453	154.620	-150.00
-4.167	153.703	-150.00	-4.000	153.953	-2.00	1200+0.000	154.033	153.545	0.489	4.000	153.953	-2.00	4.384	153.378	-150.00
-4.170	152.352	-150.00	-4.000	152.607	-2.00	1201+0.000	152.687	152.140	0.546	4.000	152.607	-2.00	4.414	151.986	-150.00
-4.066	151.290	-150.00	-4.000	151.389	-2.00	1202+0.000	151.469	151.031	0.438	4.000	151.389	-2.00	4.427	150.748	-150.00
-4.045	150.421	-150.00	-4.000	150.488	-2.00	1203+0.000	150.568	150.134	0.434	4.000	150.488	-2.00	4.404	149.882	-150.00
-4.049	149.715	-150.00	-4.000	149.788	-2.00	1204+0.000	149.868	149.419	0.449	4.000	149.788	-2.00	4.361	149.247	-150.00
-4.069	149.129	-150.00	-4.000	149.232	-2.00	1205+0.000	149.312	148.928	0.384	4.000	149.232	-2.00	4.326	148.743	-150.00
-4.070	148.925	-150.00	-4.000	149.030	-2.00	1206+0.000	149.110	148.747	0.363	4.000	149.030	-2.00	4.333	148.531	-150.00
-4.016	148.803	-150.00	-4.000	148.828	-2.00	1207+0.000	148.908	148.518	0.389	4.000	148.828	-2.00	4.392	148.240	-150.00
-4.095	148.689	66.67	-4.000	148.625	-2.00	1208+0.000	148.705	148.326	0.379	4.000	148.625	-2.00	4.386	148.047	-150.00
-4.133	148.552	66.67	-4.000	148.463	-2.00	1209+0.000	148.543	148.165	0.379	4.000	148.463	-2.00	4.422	147.830	-150.00
-4.162	148.570	66.67	-4.000	148.462	-2.00	1210+0.000	148.542	148.181	0.361	4.000	148.462	-2.00	4.465	147.764	-150.00
-4.169	148.901	66.67	-4.000	148.788	-2.00	1211+0.000	148.868	148.531	0.337	4.000	148.788	-2.00	4.433	148.138	-150.00
-4.074	149.401	66.67	-4.000	149.352	-2.00	1212+0.000	149.432	149.042	0.390	4.000	149.352	-2.00	4.470	148.648	-150.00
-4.022	149.529	66.67	-4.000	149.514	-2.00	1213+0.000	149.594	149.203	0.391	4.000	149.514	-2.00	4.471	148.807	-150.00
-4.022	148.716	-150.00	-4.000	148.750	-2.00	1214+0.000	148.830	148.398	0.432	4.000	148.750	-2.00	4.471	148.044	-150.00
-4.019	147.720	-150.00	-4.000	147.749	-2.00	1215+0.000	147.829	147.474	0.355	4.000	147.749	-2.00	4.401	147.147	-150.00
-4.072	146.640	-150.00	-4.000	146.748	-2.00	1216+0.000	146.828	146.363	0.465	4.000	146.748	-2.00	4.458	146.061	-150.00
-4.168	145.496	-150.00	-4.000	145.747	-2.00	1217+0.000	145.827	145.259	0.568	4.000	145.747	-2.00	4.480	145.027	-150.00
-4.086	144.618	-150.00	-4.000	144.747	-2.00	1218+0.000	144.827	144.436	0.391	4.000	144.747	-2.00	4.360	144.207	-150.00
-4.159	143.508	-150.00	-4.000	143.746	-2.00	1219+0.000	143.826	143.328	0.498	4.000	143.746	-2.00	4.404	143.140	-150.00
-4.169	142.491	-150.00	-4.000	142.745	-2.00	1220+0.000	142.825	142.365	0.460	4.000	142.745	-2.00	4.341	142.234	-150.00
-4.061	141.422	-150.00	-4.000	141.513	-2.00	1221+0.000	141.593	141.112	0.481	4.000	141.513	-2.00	4.363	140.968	-150.00
-4.374	140.261	66.67	-4.000	140.012	-2.00	1222+0.000	140.092	139.634	0.458	4.000	140.012	-2.00	4.249	139.639	-150.00
-4.031	139.118	66.67	-4.000	139.097	-2.00	1223+0.000	139.177	138.833	0.344	4.000	139.097	-2.00	4.175	138.834	-150.00
-4.020	138.266	66.67	-4.000	138.253	-2.00	1224+0.000	138.333	137.953	0.380	4.000	138.253	-2.00	4.151	138.027	-150.00
-4.055	137.327	-150.00	-4.000	137.409	-2.00	1225+0.000	137.489	137.076	0.413	4.000	137.409	-2.00	4.164	137.163	-150.00
-4.200	136.786	-150.00	-4.000	137.085	-2.00	1226+0.000	137.165	136.798	0.367	4.000	137.085	-2.00	4.140	136.874	-150.00
-4.268	136.676	-150.00	-4.000	137.078	-2.00	1227+0.000	137.158	136.841	0.317	4.000	137.078	-2.00	4.055	136.996	-150.00
-4.257	136.967	-150.00	-4.000	137.352	-2.00	1228+0.000	137.432	137.143	0.289	4.000	137.352	-2.00	4.029	137.309	-150.00
-4.288	137.195	-150.00	-4.000	137.627	-2.00	1229+0.000	137.707	137.368	0.338	4.000	137.627	-2.00	4.063	137.532	-150.00
-4.293	137.725	-150.00	-4.000	138.165	-2.00	1230+0.000	138.245	137.953	0.293	4.000	138.165	-2.00			
-4.281	138.664	-150.00	-4.000	139.086	-2.00	1231+0.000	139.166	138.877	0.290	4.000	139.086	-2.00	4.007	139.076	-150.00
-4.319	139.785	-150.00	-4.000	140.263	-2.00	1232+0.000	140.343	140.012	0.331	4.000	140.263	-2.00	4.027	140.223	-150.00
-4.327	141.159	-150.00	-4.000	141.649	-2.00	1233+0.000	141.729	141.361	0.368	4.000	141.649	-2.00	4.092	141.512	-150.00
-4.074	142.896	-150.00	-4.000	143.007	-2.00	1234+0.000	143.087	142.838	0.250	4.000	143.007	-2.00	4.153	142.778	-150.00
-4.163	143.954	-150.00	-4.000	144.199	-2.00	1235+0.000	144.279	143.948	0.331	4.000	144.199	-2.00	4.172	143.942	-150.00
-4.164	144.738	-150.00	-4.000	144.985	-2.00	1236+0.000	145.065	144.686	0.379	4.000	144.985	-2.00	4.235	144.632	-150.00
-4.174	145.202	-150.00	-4.000	145.462	-2.00	1237+0.000	145.542	145.185	0.358	4.000	145.462	-2.00	4.197	145.168	-150.00
-4.223	145.428	-150.00	-4.000	145.761	-2.00	1238+0.000	145.841	145.462	0.380	4.000	145.761	-2.00	4.254	145.381	-150.00
-4.223	145.025	-150.00	-4.000	145.359	-2.00	1239+0.000	145.439	145.016	0.424	4.000	145.359	-2.00	4.235	145.007	-150.00
-4.254	144.408	-150.00	-4.000	144.788	-2.00	1240+0.000	144.868	144.376	0.493	4.000	144.788	-2.00	4.297	144.343	-150.00
-4.203	143.661	-150.00	-4.000	143.965	-2.00	1241+0.000	144.045	143.694	0.351	4.000	143.965	-2.00	4.159	143.726	-150.00
-4.286	142.411	-150.00	-4.000	142.840	-2.00	1242+0.000	142.920	142.452	0.469	4.000	142.840	-2.00	4.154	142.609	-150.00
-4.339	141.484	-150.00	-4.000	141.993	-2.00	1243+0.000	142.073	141.701	0.372	4.000	141.993	-2.00	4.060	141.903	-150.00
-4.393	140.559	-150.00	-4.000	141.150	-2.00	1244+0.000	141.230	140.921	0.309	4.000	141.150	-2.00	4.172	141.264	66.67
-4.564	139.384	-150.00	-4.000	140.230	-2.00	1245+0.000	140.310	139.764	0.546	4.000	140.230	-2.00	4.049	140.158	-150.00
-4.589	138.251	-150.00	-4.000	139.135	-2.00	1246+0.000	139.215	138.727	0.487	4.000	139.135	-2.00	4.014	139.144	66.67
-4.578	136.991	-150.00	-4.000	137.858	-2.00	1247+0.000	137.938	137.508	0.431	4.000	137.858	-2.00	4.182	137.980	66.67
-4.555	135.749	-150.00	-4.000	136.582	-2.00	1248+0.000	136.662	136.264	0.397	4.000	136.582	-2.00	4.220	136.728	66.67
-4.602	134.410	-150.00	-4.000	135.313	-2.00	1249+0.000	135.393	134.935	0.458	4.000	135.313	-2.00	4.140	135.406	66.67
-4.562	133.473	-150.00	-4.000	134.316	-2.00	1250+0.000	134.396	133.927	0.469	4.000	134.316	-2.00	4.016	134.327	66.67
-4.481	132.398	-150.00	-4.000	133.120	-2.00	1251+0.000	133.200	132.761	0.440	4.000	133.120	-2.00	4.023	133.086	-150.00
-4.484	131.379	-150.00	-4.000	132.105	-2.00	1252+0.000	132.185	131.651	0.534	4.000	132.105	-2.00	4.135	131.902	-150.00
-4.383	130.753	-150.00	-4.000	131.327	-2.00	1253+0.000	131.407	130.990	0.417	4.000	131.327	-2.00	4.109	131.164	-150.00
-4.192	130.572	-150.00	-4.000	130.861	-2.00	1254+0.000	130.941	130.634	0.307	4.000	130.861	-2.00	4.118	130.685	-150.00
-4.300	130.900	-150.00	-4.000	131.351	-2.00	1255+0.000	131.431	130.939	0.491	4.000	131.351	-2.00	4.249	130.978	-150.00
-4.245	131.537	-150.00	-4.000	131.904	-2.00	1256+0.000	131.984	131.686	0.298	4.000	131.904	-2.00	4.050	131.829	-150.00
-4.175	132.935	-150.00	-4.000	133.198	-2.00	1257+0.000	133.278	132.965	0.313	4.000	133.198	-2.00	4.135	132.995	-150.00
-4.230	134.581	-150.00	-4.000	134.927	-2.00	1258+0.000	135.007	134.700	0.307	4.000	134.927	-2.00	4.075	134.814	-150.00
-4.127	136.470	-150.00	-4.000	136.661	-2.00	1259+0.000	136.741	136.520	0.221	4.000	136.661	-2.00	4.055	136.578	-150.00
-4.127	138.713	-150.00	-4.000	138.903	-2.00	1260+0.000	138.983	138.832	0.152	4.000	138.903	-2.00	4.019	138.874	-150.00
-4.106	141.068	-150.00	-4.000	141.227	-2.00	1261+0.000	141.307	141.160	0.147	4.000	141.227	-2.00	4.018	141.201	-150.00
-4.384	142.670	-150.00	-4.000	143.247	-2.00	1262+0.000	143.327	143.065	0.261	4.000	143.247	-2.00	4.310	143.453	66.67
-4.524	143.114	-150.00	-4.000	143.900	-2.00	1263+0.000	143.980	143.628	0.352	4.000	143.900	-2.00	4.304	144.102	66.67
-4.544	142.325	-150.00	-4.000	143.141	-2.00	1264+0.000	143.221	142.758	0.463	4.000	143.141	-2.00			
-4.430	141.328	-150.00	-4.000	141.973	-2.00	1265+0.000	142.053	141.701	0.351	4.000	141.973	-2.00	4.066	142.017	66.67
-4.440	140.251	-150.00	-4.000	140.911	-2.00	1266+0.000	140.991	140.569	0.421	4.000	140.911	-2.00	4.022	140.877	-150.00
-4.439	139.533	-150.00	-4.000	140.192	-2.00	1267+0.000	140.272	139.881	0.391	4.000	140.192	-2.00			
-4.380	139.043	-150.00	-4.000	139.613	-2.00	1268+0.000	139.693	139.300	0.392	4.000	139.613	-2.00	4.062	139.519	-150.00
-4.368	138.830	-150.00	-4.000	139.382	-2.00	1269+0.000	139.462	139.098	0.364	4.000	139.382	-2.00	4.024	139.345	-150.00
-4.430	138.753	-150.00	-4.000	139.398	-2.00	1270+0.000	139.478	139.072	0.407	4.000	139.398	-2.00	4.106	139.239	-150.00
-4.445	138.392	-150.00	-4.000	139.059	-2.00	1271+0.000	139.139	138.681	0.458	4.000	139.059	-2.00	4.116	138.885	-150.00
-4.469	137.895	-150.00	-4.000	138.598	-2.00	1272+0.000	138.678	138.211	0.467	4.000	138.598	-2.00	4.077	138.483	-150.00
-4.448	137.338	-150.00	-4.000	138.011	-2.00	1273+0.000	138.091	137.685	0.406	4.000	138.011	-2.00	4.037	137.956	-150.00
-4.509	136.755	-150.00	-4.000	137.520	-2.00	1274+0.000	137.600	137.155	0.445	4.000	137.520	-2.00	4.007	137.510	-150.00
-4.469	136.501	-150.00	-4.000	137.205	-2.00	1275+0.000	137.285	136.907	0.377	4.000	137.205	-2.00	4.115	137.281	66.67
-4.469	136.387	-150.00	-4.000	137.091	-2.00	1276+0.000	137.171	136.793	0.379	4.000	137.091	-2.00	4.122	137.172	66.67
-4.469	136.549	-150.00	-4.000	137.253	-2.00	1277+0.000	137.333	137.000	0.333	4.000	137.253	-2.00	4.266	137.430	66.67
-4.467	137.003	-150.00	-4.000	137.703	-2.00	1278+0.000	137.783	137.454	0.329	4.000	137.703	-2.00	4.274	137.886	66.67
-4.472	137.469	-150.00	-4.000	138.178	-2.00	1279+0.000	138.258	137.937	0.321	4.000	138.178	-2.00	4.359	138.417	66.67
-4.485	138.015	-150.00	-4.000	138.742	-2.00	1280+0.000	138.822	138.483	0.339	4.000	138.742	-2.00	4.312	138.951	66.67
-4.514	138.438	-150.00	-4.000	139.209	-2.00	1281+0.000	139.289	138.926	0.362	4.000	139.209	-2.00	4.264	139.385	66.67
-4.488	138.486	-150.00	-4.000	139.219	-2.00	1282+0.000	139.299	138.910	0.388	4.000	139.219	-2.00	4.122	139.300	66.67

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Secid)

-4.585	138.118	-150.00	-4.000	138.996	-2.00	1283+0.000	139.076	138.642	0.433	4.000	138.996	-2.00	4.189	139.122	66.67
-4.481	137.269	-150.00	-4.000	137.991	-2.00	1284+0.000	138.071	137.673	0.398	4.000	137.991	-2.00	4.074	138.041	66.67
-4.491	136.272	-150.00	-4.000	137.008	-2.00	1285+0.000	137.088	136.664	0.424	4.000	137.008	-2.00	4.010	137.015	66.67
-4.422	135.632	-150.00	-4.000	136.264	-2.00	1286+0.000	136.344	135.976	0.368	4.000	136.264	-2.00	4.040	136.291	66.67
-4.390	135.057	-150.00	-4.000	135.641	-2.00	1287+0.000	135.721	135.319	0.402	4.000	135.641	-2.00	4.029	135.661	66.67
-4.391	135.064	-150.00	-4.000	135.651	-2.00	1288+0.000	135.731	135.343	0.388	4.000	135.651	-2.00	4.030	135.606	-150.00
-4.360	135.123	-150.00	-4.000	135.663	-2.00	1289+0.000	135.743	135.407	0.336	4.000	135.663	-2.00	4.008	135.669	66.67
-4.360	134.961	-150.00	-4.000	135.500	-2.00	1290+0.000	135.580	135.193	0.387	4.000	135.500	-2.00	4.037	135.445	-150.00
-4.329	134.990	-150.00	-4.000	135.484	-2.00	1291+0.000	135.564	135.217	0.347	4.000	135.484	-2.00	4.037	135.428	-150.00
-4.337	135.091	-150.00	-4.000	135.597	-2.00	1292+0.000	135.677	135.289	0.388	4.000	135.597	-2.00	4.081	135.475	-150.00
-4.273	135.527	-150.00	-4.000	135.936	-2.00	1293+0.000	136.016	135.712	0.304	4.000	135.936	-2.00	4.057	135.850	-150.00
-4.247	135.904	-150.00	-4.000	136.275	-2.00	1294+0.000	136.355	136.023	0.332	4.000	136.275	-2.00	4.091	136.138	-150.00
-4.226	136.421	-150.00	-4.000	136.760	-2.00	1295+0.000	136.840	136.554	0.286	4.000	136.760	-2.00	4.052	136.682	-150.00
-4.296	137.051	-150.00	-4.000	137.494	-2.00	1296+0.000	137.574	137.195	0.379	4.000	137.494	-2.00	4.108	137.333	-150.00
-4.309	137.866	-150.00	-4.000	138.329	-2.00	1297+0.000	138.409	137.982	0.427	4.000	138.329	-2.00	4.157	138.094	-150.00
-4.236	138.890	-150.00	-4.000	139.244	-2.00	1298+0.000	139.324	139.004	0.320	4.000	139.244	-2.00	4.088	139.112	-150.00
-4.194	139.995	-150.00	-4.000	140.286	-2.00	1299+0.000	140.366	140.073	0.293	4.000	140.286	-2.00	4.091	140.149	-150.00
-4.174	141.120	-150.00	-4.000	141.381	-2.00	1300+0.000	141.461	141.212	0.249	4.000	141.381	-2.00	4.051	141.305	-150.00
-4.154	142.220	-150.00	-4.000	142.450	-2.00	1301+0.000	142.530	142.246	0.285	4.000	142.450	-2.00	4.084	142.325	-150.00
-4.134	143.315	-150.00	-4.000	143.515	-2.00	1302+0.000	143.595	143.290	0.305	4.000	143.515	-2.00	4.107	143.355	-150.00
-4.125	144.393	-150.00	-4.000	144.580	-2.00	1303+0.000	144.660	144.369	0.291	4.000	144.580	-2.00	4.153	144.350	-150.00
-4.127	145.172	-150.00	-4.000	145.363	-2.00	1304+0.000	145.443	145.125	0.318	4.000	145.363	-2.00	4.190	145.078	-150.00
-4.182	145.808	-150.00	-4.000	146.081	-2.00	1305+0.000	146.161	145.784	0.377	4.000	146.081	-2.00	4.219	145.752	-150.00
-4.106	146.221	-150.00	-4.000	146.381	-2.00	1306+0.000	146.461	146.115	0.346	4.000	146.381	-2.00	4.251	146.005	-150.00
-4.204	145.804	-150.00	-4.000	146.110	-2.00	1307+0.000	146.190	145.766	0.424	4.000	146.110	-2.00	4.254	145.728	-150.00
-4.235	145.431	-150.00	-4.000	145.784	-2.00	1308+0.000	145.864	145.476	0.387	4.000	145.784	-2.00	4.175	145.521	-150.00
-4.235	145.219	-150.00	-4.000	145.571	-2.00	1309+0.000	145.651	145.267	0.384	4.000	145.571	-2.00	4.168	145.319	-150.00
-4.316	145.054	-150.00	-4.000	145.528	-2.00	1310+0.000	145.608	145.253	0.355	4.000	145.528	-2.00	4.058	145.441	-150.00
-4.304	145.209	-150.00	-4.000	145.664	-2.00	1311+0.000	145.744	145.399	0.345	4.000	145.664	-2.00	4.057	145.578	-150.00
-4.228	146.178	-150.00	-4.000	146.520	-2.00	1312+0.000	146.600	146.301	0.298	4.000	146.520	-2.00	4.064	146.423	-150.00
-4.346	147.000	-150.00	-4.000	147.520	-2.00	1313+0.000	147.600	147.280	0.320	4.000	147.520	-2.00	4.032	147.541	66.67
-4.395	147.061	-150.00	-4.000	147.653	-2.00	1314+0.000	147.733	147.352	0.381	4.000	147.653	-2.00	4.024	147.617	-150.00
-4.382	146.895	-150.00	-4.000	147.469	-2.00	1315+0.000	147.549	147.190	0.358	4.000	147.469	-2.00	4.007	147.458	-150.00
-4.321	147.176	-150.00	-4.000	147.657	-2.00	1316+0.000	147.737	147.389	0.349	4.000	147.657	-2.00	4.028	147.615	-150.00
-4.273	147.697	-150.00	-4.000	148.107	-2.00	1317+0.000	148.187	147.882	0.304	4.000	148.107	-2.00	4.033	148.057	-150.00
-4.240	148.278	-150.00	-4.000	148.639	-2.00	1318+0.000	148.719	148.443	0.276	4.000	148.639	-2.00	4.027	148.599	-150.00
-4.311	148.705	-150.00	-4.000	149.171	-2.00	1319+0.000	149.251	148.877	0.374	4.000	149.171	-2.00	4.087	149.041	-150.00
-4.304	148.688	-150.00	-4.000	149.144	-2.00	1320+0.000	149.224	148.849	0.375	4.000	149.144	-2.00	4.060	149.055	-150.00
-4.314	148.490	-150.00	-4.000	148.961	-2.00	1321+0.000	149.041	148.634	0.407	4.000	148.961	-2.00	4.126	148.772	-150.00
-4.275	148.031	-150.00	-4.000	148.443	-2.00	1322+0.000	148.523	148.133	0.391	4.000	148.443	-2.00	4.141	148.231	-150.00
-4.260	147.717	-150.00	-4.000	148.106	-2.00	1323+0.000	148.186	147.823	0.363	4.000	148.106	-2.00	4.120	147.927	-150.00
-4.262	147.571	-150.00	-4.000	147.964	-2.00	1324+0.000	148.044	147.667	0.378	4.000	147.964	-2.00	4.128	147.772	-150.00
-4.146	147.776	-150.00	-4.000	147.995	-2.00	1325+0.000	148.075	147.735	0.340	4.000	147.995	-2.00	4.107	147.835	-150.00
-4.180	148.186	-150.00	-4.000	148.457	-2.00	1326+0.000	148.537	148.248	0.289	4.000	148.457	-2.00	4.099	148.308	-150.00
-4.116	149.058	-150.00	-4.000	149.233	-2.00	1327+0.000	149.313	149.022	0.291	4.000	149.233	-2.00	4.166	148.984	-150.00
-4.138	149.914	-150.00	-4.000	150.121	-2.00	1328+0.000	150.201	149.912	0.289	4.000	150.121	-2.00	4.115	149.948	-150.00
-4.092	151.091	-150.00	-4.000	151.228	-2.00	1329+0.000	151.308	151.108	0.200	4.000	151.228	-2.00	4.069	151.126	-150.00
-4.175	152.089	-150.00	-4.000	152.351	-2.00	1330+0.000	152.431	152.162	0.269	4.000	152.351	-2.00	4.067	152.251	-150.00
-4.203	153.290	-150.00	-4.000	153.594	-2.00	1331+0.000	153.674	153.385	0.290	4.000	153.594	-2.00	4.078	153.477	-150.00
-4.201	154.075	-150.00	-4.000	154.377	-2.00	1332+0.000	154.457	154.129	0.328	4.000	154.377	-2.00	4.136	154.173	-150.00
-4.206	154.772	-150.00	-4.000	155.081	-2.00	1333+0.000	155.161	154.866	0.295	4.000	155.081	-2.00	4.082	154.958	-150.00
-4.426	154.926	-150.00	-4.000	155.565	-2.00	1334+0.000	155.645	155.143	0.502	4.000	155.565	-2.00	4.145	155.347	-150.00
-4.427	155.072	-150.00	-4.000	155.712	-2.00	1335+0.000	155.792	155.380	0.412	4.000	155.712	-2.00	4.034	155.661	-150.00
-4.457	154.611	-150.00	-4.000	155.296	-2.00	1336+0.000	155.376	154.994	0.381	4.000	155.296	-2.00	4.275	155.479	66.67
-4.508	154.570	-150.00	-4.000	155.332	-2.00	1337+0.000	155.412	155.078	0.334	4.000	155.332	-2.00	4.353	155.567	66.67
-4.497	155.113	-150.00	-4.000	155.860	-2.00	1338+0.000	155.940	155.621	0.318	4.000	155.860	-2.00	4.322	156.075	66.67
-4.468	155.566	-150.00	-4.000	156.268	-2.00	1339+0.000	156.348	156.068	0.280	4.000	156.268	-2.00	4.451	156.569	66.67
-4.502	155.783	-150.00	-4.000	156.536	-2.00	1340+0.000	156.616	156.249	0.367	4.000	156.536	-2.00	4.213	156.678	66.67
-4.542	155.746	-150.00	-4.000	156.559	-2.00	1341+0.000	156.639	156.074	0.566	4.000	156.559	-2.00	4.081	156.438	-150.00
-4.400	155.944	-150.00	-4.000	156.545	-2.00	1342+0.000	156.625	156.243	0.382	4.000	156.545	-2.00	4.019	156.516	-150.00
-4.314	155.881	-150.00	-4.000	156.351	-2.00	1343+0.000	156.431	156.035	0.396	4.000	156.351	-2.00	4.113	156.182	-150.00
-4.348	156.032	-150.00	-4.000	156.554	-2.00	1344+0.000	156.634	156.182	0.452	4.000	156.554	-2.00	4.120	156.374	-150.00
-4.296	156.292	-150.00	-4.000	156.736	-2.00	1345+0.000	156.816	156.460	0.356	4.000	156.736	-2.00	4.077	156.620	-150.00
-4.300	156.397	-150.00	-4.000	156.847	-2.00	1346+0.000	156.927	156.589	0.338	4.000	156.847	-2.00	4.051	156.771	-150.00
-4.240	156.950	-150.00	-4.000	157.310	-2.00	1347+0.000	157.390	157.074	0.316	4.000	157.310	-2.00	4.073	157.200	-150.00
-4.214	157.511	-150.00	-4.000	157.831	-2.00	1348+0.000	157.911	157.594	0.318	4.000	157.831	-2.00	4.071	157.725	-150.00
-4.193	158.425	-150.00	-4.000	158.715	-2.00	1349+0.000	158.795	158.519	0.275	4.000	158.715	-2.00	4.069	158.611	-150.00
-4.112	159.556	-150.00	-4.000	159.724	-2.00	1350+0.000	159.804	159.554	0.250	4.000	159.724	-2.00	4.114	159.553	-150.00
-4.071	161.073	-150.00	-4.000	161.179	-2.00	1351+0.000	161.259	160.998	0.261	4.000	161.179	-2.00	4.172	160.920	-150.00
-4.149	162.724	-150.00	-4.000	162.947	-2.00	1352+0.000	163.027	162.746	0.282	4.000	162.947	-2.00	4.120	162.767	-150.00
-4.125	164.534	-150.00	-4.000	164.722	-2.00	1353+0.000	164.802	164.555	0.246	4.000	164.722	-2.00	4.097	164.576	-150.00
-4.241	166.142	-150.00	-4.000	166.504	-2.00	1354+0.000	166.584	166.321	0.262	4.000	166.504	-2.00	4.151	166.277	-150.00
-4.310	167.016	-150.00	-4.000	167.481	-2.00	1355+0.000	167.561	167.209	0.352	4.000	167.481	-2.00	4.060	167.391	-150.00
-4.276	167.527	-150.00	-4.000	167.940	-2.00	1356+0.000	168.020	167.596	0.424	4.000	167.940	-2.00	4.184	167.664	-150.00
-4.407	167.228	-150.00	-4.000	167.839	-2.00	1357+0.000	167.919	167.491	0.428	4.000	167.839	-2.00	4.071	167.733	-150.00
-4.405	166.769	-150.00	-4.000	167.376	-2.00	1358+0.000	167.456	167.037	0.420	4.000	167.376	-2.00	4.062	167.283	-150.00
-4.520	165.805	-150.00	-4.000	166.584	-2.00	1359+0.000	166.664	166.164	0.500	4.000	166.584	-2.00	4.081	166.462	-150.00
-4.626	164.101	-150.00	-4.000	165.040	-2.00	1360+0.000	165.120	164.566	0.554	4.000	165.040	-2.00	4.009	165.046	66.67
-4.599	162.586	-150.00	-4.000	163.484	-2.00	1361+0.000	163.564	163.096	0.468	4.000	163.484	-2.00	4.101	163.552	66.67
-4.537	161.131	-150.00	-4.000	161.936	-2.00	1362+0.000	162.016	161.618	0.399	4.000	161.936	-2.00	4.197	162.068	66.67
-4.588	159.681	-150.00	-4.000	160.562	-2.00	1363+0.000	160.642	160.196	0.447	4.000	160.562	-2.00	4.147	160.661	66.67
-4.588	158.539	-150.00	-4.000	159.421	-2.00	1364+0.000	159.501	159.076	0.426	4.000	159.421	-2.00	4.223	159.570	66.67
-4.582	157.540	-150.00	-4.000	158.413	-2.00	1365+0.000	158.493	158.108	0.385	4.000	158.413	-2.00	4.351	158.647	66.67
-4.527	157.502	-150.00	-4.000	158.292	-2.00	1366+0.000	158.372	158.079	0.293	4.000	158.292	-2.00	4.551	158.659	66.67
-4.435	158.472	-150.00	-4.000	159.124	-2.00	1367+0.000	159.204	158.931	0.273	4.000	159.124	-2.00	4.393	159.386	66.67
-4.531	159.120	-150.00	-4.000	159.917	-2.00	1368+0.000	159.997	159.642	0.355	4.000	159.917	-2.00	4.338	160.142	66.67

Osvaldo Leôncio da S... Ilho
Diretor da Unidade de Pro... os
Projetos e Obras - DUPRO
Secretaria das Cidades (S... ab

-4.489	159.278	-150.00	-4.000	160.012	-2.00	1369+0.000	160.092	159.669	0.423	4.000	160.012	-2.00	4.008	160.017	66.67
-4.446	159.285	-150.00	-4.000	159.954	-2.00	1370+0.000	160.034	159.699	0.335	4.000	159.954	-2.00	4.130	160.041	66.67
-4.443	159.096	-150.00	-4.000	159.760	-2.00	1371+0.000	159.840	159.455	0.384	4.000	159.760	-2.00	4.033	159.782	66.67
-4.551	159.094	-150.00	-4.000	159.921	-2.00	1372+0.000	160.001	159.496	0.505	4.000	159.921	-2.00	4.045	159.853	-150.00
-4.283	159.814	-150.00	-4.000	160.239	-2.00	1373+0.000	160.319	160.047	0.272	4.000	160.239	-2.00	4.041	160.267	66.67
-4.246	160.607	-150.00	-4.000	160.976	-2.00	1374+0.000	161.056	160.775	0.281	4.000	160.976	-2.00	4.027	160.935	-150.00
-4.270	161.586	-150.00	-4.000	161.991	-2.00	1375+0.000	162.071	161.753	0.317	4.000	161.991	-2.00	4.052	161.912	-150.00
-4.276	162.205	-150.00	-4.000	162.618	-2.00	1376+0.000	162.698	162.338	0.361	4.000	162.618	-2.00	4.102	162.466	-150.00
-4.284	162.220	-150.00	-4.000	162.645	-2.00	1377+0.000	162.725	162.325	0.400	4.000	162.645	-2.00	4.146	162.427	-150.00
-4.318	161.939	-150.00	-4.000	162.416	-2.00	1378+0.000	162.496	162.059	0.437	4.000	162.416	-2.00	4.197	162.121	-150.00
-4.320	161.053	-150.00	-4.000	161.533	-2.00	1379+0.000	161.613	161.123	0.490	4.000	161.533	-2.00	4.223	161.198	-150.00
-4.284	160.197	-150.00	-4.000	160.623	-2.00	1380+0.000	160.703	160.234	0.469	4.000	160.623	-2.00	4.235	160.270	-150.00
-4.277	159.038	-150.00	-4.000	159.454	-2.00	1381+0.000	159.534	159.117	0.417	4.000	159.454	-2.00	4.194	159.162	-150.00
-4.302	157.875	-150.00	-4.000	158.328	-2.00	1382+0.000	158.408	157.972	0.435	4.000	158.328	-2.00	4.187	158.047	-150.00
-4.298	156.837	-150.00	-4.000	157.285	-2.00	1383+0.000	157.365	156.934	0.431	4.000	157.285	-2.00	4.220	156.955	-150.00
-4.317	155.941	-150.00	-4.000	156.417	-2.00	1384+0.000	156.497	156.089	0.408	4.000	156.417	-2.00	4.125	156.230	-150.00
-4.274	155.493	-150.00	-4.000	155.904	-2.00	1385+0.000	155.984	155.623	0.362	4.000	155.904	-2.00	4.105	155.748	-150.00
-4.288	155.527	-150.00	-4.000	155.959	-2.00	1386+0.000	156.039	155.675	0.364	4.000	155.959	-2.00	4.074	155.847	-150.00
-4.250	155.845	-150.00	-4.000	156.220	-2.00	1387+0.000	156.300	155.977	0.323	4.000	156.220	-2.00	4.078	156.103	-150.00
-4.328	156.376	-150.00	-4.000	156.869	-2.00	1388+0.000	156.949	156.656	0.293	4.000	156.869	-2.00	4.076	156.920	66.67
-4.327	157.135	-150.00	-4.000	157.625	-2.00	1389+0.000	157.705	157.399	0.305	4.000	157.625	-2.00	4.032	157.646	66.67
-4.352	158.144	-150.00	-4.000	158.672	-2.00	1390+0.000	158.752	158.494	0.258	4.000	158.672	-2.00	4.245	158.835	66.67
-4.396	159.418	-150.00	-4.000	160.012	-2.00	1391+0.000	160.092	159.797	0.296	4.000	160.012	-2.00	4.222	160.160	66.67
-4.341	160.864	-150.00	-4.000	161.376	-2.00	1392+0.000	161.456	161.177	0.279	4.000	161.376	-2.00	4.150	161.476	66.67
-4.304	162.482	-150.00	-4.000	162.939	-2.00	1393+0.000	163.019	162.751	0.268	4.000	162.939	-2.00	4.054	162.974	66.67
-4.342	163.769	-150.00	-4.000	164.282	-2.00	1394+0.000	164.362	164.044	0.319	4.000	164.282	-2.00	4.024	164.298	66.67
-4.352	164.922	-150.00	-4.000	165.450	-2.00	1395+0.000	165.530	165.197	0.333	4.000	165.450	-2.00			
-4.348	166.026	-150.00	-4.000	166.549	-2.00	1396+0.000	166.629	166.304	0.324	4.000	166.549	-2.00	4.070	166.444	-150.00
-4.259	166.873	-150.00	-4.000	167.261	-2.00	1397+0.000	167.341	167.015	0.327	4.000	167.261	-2.00	4.076	167.147	-150.00
-4.273	167.396	-150.00	-4.000	167.805	-2.00	1398+0.000	167.885	167.549	0.337	4.000	167.805	-2.00	4.074	167.694	-150.00
-4.373	167.638	-150.00	-4.000	168.198	-2.00	1399+0.000	168.278	167.735	0.542	4.000	168.198	-2.00	4.245	167.830	-150.00
-4.343	167.958	-150.00	-4.000	168.473	-2.00	1400+0.000	168.553	168.175	0.377	4.000	168.473	-2.00	4.063	168.378	-150.00
-4.388	167.975	-150.00	-4.000	168.558	-2.00	1401+0.000	168.638	168.268	0.370	4.000	168.558	-2.00	4.015	168.535	-150.00
-4.352	168.261	-150.00	-4.000	168.789	-2.00	1402+0.000	168.869	168.531	0.338	4.000	168.789	-2.00	4.020	168.759	-150.00
-4.247	168.960	-150.00	-4.000	169.330	-2.00	1403+0.000	169.410	169.089	0.321	4.000	169.330	-2.00	4.061	169.240	-150.00
-4.168	170.097	-150.00	-4.000	170.348	-2.00	1404+0.000	170.428	170.155	0.273	4.000	170.348	-2.00	4.090	170.213	-150.00
-4.166	171.227	-150.00	-4.000	171.476	-2.00	1405+0.000	171.556	171.297	0.259	4.000	171.476	-2.00	4.073	171.366	-150.00
-4.128	172.498	-150.00	-4.000	172.690	-2.00	1406+0.000	172.770	172.533	0.237	4.000	172.690	-2.00	4.082	172.567	-150.00
-4.237	173.839	-150.00	-4.000	174.194	-2.00	1407+0.000	174.274	173.931	0.343	4.000	174.194	-2.00	4.115	174.021	-150.00
-4.407	174.504	-150.00	-4.000	175.114	-2.00	1408+0.000	175.194	174.747	0.448	4.000	175.114	-2.00	4.095	174.972	-150.00
-4.438	175.010	-150.00	-4.000	175.667	-2.00	1409+0.000	175.747	175.462	0.285	4.000	175.667	-2.00	4.359	175.906	66.67
-4.607	174.272	-150.00	-4.000	175.183	-2.00	1410+0.000	175.263	174.870	0.393	4.000	175.183	-2.00	4.382	175.438	66.67
-4.690	173.760	-150.00	-4.000	174.795	-2.00	1411+0.000	174.875	174.421	0.454	4.000	174.795	-2.00	4.360	175.036	66.67
-4.603	173.538	-150.00	-4.000	174.443	-2.00	1412+0.000	174.523	174.160	0.363	4.000	174.443	-2.00	4.424	174.725	66.67
-4.551	173.594	-150.00	-4.000	174.420	-2.00	1413+0.000	174.500	174.133	0.367	4.000	174.420	-2.00	4.314	174.630	66.67
-4.507	173.827	-150.00	-4.000	174.587	-2.00	1414+0.000	174.667	174.390	0.277	4.000	174.587	-2.00	4.473	174.902	66.67
-4.237	174.950	-150.00	-4.000	175.305	-2.00	1415+0.000	175.385	175.132	0.254	4.000	175.305	-2.00			
-4.228	175.866	-150.00	-4.000	176.208	-2.00	1416+0.000	176.288	176.040	0.248	4.000	176.208	-2.00			
-4.217	177.257	-150.00	-4.000	177.582	-2.00	1417+0.000	177.662	177.427	0.235	4.000	177.582	-2.00			
-4.148	178.786	-150.00	-4.000	179.008	-2.00	1418+0.000	179.088	178.756	0.333	4.000	179.008	-2.00	4.235	178.656	-150.00
-4.077	180.276	-150.00	-4.000	180.391	-2.00	1419+0.000	180.471	180.192	0.280	4.000	180.391	-2.00	4.230	180.047	-150.00
-4.054	180.938	-150.00	-4.000	181.019	-2.00	1420+0.000	181.099	180.759	0.340	4.000	181.019	-2.00	4.300	180.569	-150.00
-4.054	181.773	-150.00	-4.000	181.854	-2.00	1421+0.000	181.934	181.646	0.288	4.000	181.854	-2.00	4.227	181.513	-150.00
-4.074	182.834	-150.00	-4.000	182.945	-2.00	1422+0.000	183.025	182.775	0.250	4.000	182.945	-2.00	4.153	182.715	-150.00
-4.046	184.325	66.67	-4.000	184.294	-2.00	1423+0.000	184.374	184.128	0.246	4.000	184.294	-2.00	4.269	183.891	-150.00
-4.166	185.659	66.67	-4.000	185.549	-2.00	1424+0.000	185.629	185.394	0.235	4.000	185.549	-2.00	4.285	185.120	-150.00
-4.304	186.720	66.67	-4.000	186.517	-2.00	1425+0.000	186.597	186.244	0.353	4.000	186.517	-2.00	4.515	185.745	-150.00
-4.347	187.021	66.67	-4.000	186.790	-2.00	1426+0.000	186.870	186.514	0.356	4.000	186.790	-2.00	4.536	185.985	-150.00
-4.286	187.161	66.67	-4.000	186.970	-2.00	1427+0.000	187.050	186.725	0.325	4.000	186.970	-2.00	4.466	186.271	-150.00
-4.084	187.623	66.67	-4.000	187.568	-2.00	1428+0.000	187.648	187.314	0.333	4.000	187.568	-2.00	4.472	186.860	-150.00
			-4.000	188.106	-2.00	1429+0.000	188.186	187.867	0.320	4.000	188.106	-2.00	4.330	187.611	-150.00
-4.020	188.510	-150.00	-4.000	188.540	-2.00	1430+0.000	188.620	188.298	0.322	4.000	188.540	-2.00	4.313	188.071	-150.00
-4.076	188.981	-150.00	-4.000	189.095	-2.00	1431+0.000	189.175	188.894	0.281	4.000	189.095	-2.00	4.193	188.805	-150.00
-4.087	189.815	-150.00	-4.000	189.946	-2.00	1432+0.000	190.026	189.713	0.313	4.000	189.946	-2.00	4.226	189.606	-150.00
-4.028	190.821	66.67	-4.000	190.803	-2.00	1433+0.000	190.883	190.618	0.265	4.000	190.803	-2.00	4.267	190.402	-150.00
-4.043	192.215	-150.00	-4.000	192.279	-2.00	1434+0.000	192.359	192.118	0.241	4.000	192.279	-2.00	4.173	192.019	-150.00
-4.025	193.811	-150.00	-4.000	193.849	-2.00	1435+0.000	193.929	193.685	0.244	4.000	193.849	-2.00	4.197	193.553	-150.00
-4.043	195.342	-150.00	-4.000	195.407	-2.00	1436+0.000	195.487	195.255	0.233	4.000	195.407	-2.00	4.157	195.172	-150.00
-4.112	196.919	-150.00	-4.000	197.087	-2.00	1437+0.000	197.167	196.903	0.264	4.000	197.087	-2.00	4.133	196.887	-150.00
-4.181	198.095	-150.00	-4.000	198.366	-2.00	1438+0.000	198.446	198.127	0.319	4.000	198.366	-2.00	4.178	198.098	-150.00
-4.254	198.597	-150.00	-4.000	198.978	-2.00	1439+0.000	199.058	198.628	0.430	4.000	198.978	-2.00	4.213	198.659	-150.00
-4.175	198.673	-150.00	-4.000	198.935	-2.00	1440+0.000	199.015	198.668	0.347	4.000	198.935	-2.00	4.182	198.662	-150.00
-4.202	198.382	-150.00	-4.000	198.684	-2.00	1441+0.000	198.764	198.378	0.386	4.000	198.684	-2.00	4.176	198.420	-150.00
-4.207	198.191	-150.00	-4.000	198.501	-2.00	1442+0.000	198.581	198.232	0.349	4.000	198.501	-2.00	4.152	198.273	-150.00
-4.244	197.971	-150.00	-4.000	198.337	-2.00	1443+0.000	198.417	198.035	0.383	4.000	198.337	-2.00	4.160	198.097	-150.00
-4.294	197.337	-150.00	-4.000	197.779	-2.00	1444+0.000	197.859	197.415	0.444	4.000	197.779	-2.00	4.147	197.559	-150.00
-4.306	197.120	-150.00	-4.000	197.579	-2.00	1445+0.000	197.659	197.285	0.374	4.000	197.579	-2.00	4.092	197.441	-150.00
-4.340	196.964	-150.00	-4.000	197.474	-2.00	1446+0.000	197.554	197.200	0.354	4.000	197.474	-2.00	4.036	197.419	-150.00
-4.352	196.950	-150.00	-4.000	197.479	-2.00	1447+0.000	197.559	197.214	0.345	4.000	197.479	-2.00	4.014	197.458	-150.00
-4.358	197.236	-150.00	-4.000	197.773	-2.00	1448+0.000	197.853	197.498	0.355	4.000	197.773	-2.00	4.075	197.661	-150.00
-4.272	197.577	-150.00	-4.000	197.985	-2.00	1449+0.000	198.065	197.715	0.350	4.000	197.985	-2.00	4.092	197.846	-150.00
-4.237	197.936	-150.00	-4.000	198.291	-2.00	1450+0.000	198.371	198.045	0.326	4.000	198.291	-2.00	4.094	198.150	-150.00
-4.327	198.244	-150.00	-4.000	198.735	-2.00	1451+0.000	198.815	198.473	0.341	4.000	198.735	-2.00	4.089	198.601	-150.00
-4.304	198.543	-150.00	-4.000	198.999	-2.00	1452+0.000	199.079	198.718	0.362	4.000	198.999	-2.00	4.113	198.830	-150.00
-4.283	198.646	-150.00	-4.000	199.070	-2.00	1453+0.000	199.150	198.801	0.349	4.000	199.070	-2.00	4.104	198.914	-150.00
-4.305	198.479	-150.00	-4.000	198.937	-2.00	1454+0.000	199.017	198.652	0.365	4.000	198.937	-2.00	4.080	198.817	-150.00

Osvaldo Leôncio da Silva
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria

-4.304	198.430	-150.00	-4.000	198.886	-2.00	1455+0.000	198.966	198.603	0.364	4.000	198.886	-2.00	4.080	198.766	-150.00
-4.295	198.613	-150.00	-4.000	199.055	-2.00	1456+0.000	199.135	198.786	0.349	4.000	199.055	-2.00	4.069	198.951	-150.00
-4.281	198.957	-150.00	-4.000	199.378	-2.00	1457+0.000	199.458	199.118	0.341	4.000	199.378	-2.00	4.070	199.273	-150.00
-4.257	199.363	-150.00	-4.000	199.748	-2.00	1458+0.000	199.828	199.522	0.306	4.000	199.748	-2.00	4.139	199.540	-150.00
-4.227	199.811	-150.00	-4.000	200.151	-2.00	1459+0.000	200.231	199.899	0.332	4.000	200.151	-2.00	4.153	199.922	-150.00
-4.191	200.345	-150.00	-4.000	200.632	-2.00	1460+0.000	200.712	200.399	0.313	4.000	200.632	-2.00	4.146	200.413	-150.00
-4.150	200.935	-150.00	-4.000	201.161	-2.00	1461+0.000	201.241	200.910	0.331	4.000	201.161	-2.00	4.177	200.896	-150.00
-4.146	201.469	-150.00	-4.000	201.689	-2.00	1462+0.000	201.769	201.444	0.325	4.000	201.689	-2.00	4.180	201.419	-150.00
-4.058	202.205	-150.00	-4.000	202.291	-2.00	1463+0.000	202.371	202.169	0.203	4.000	202.291	-2.00	4.106	202.133	-150.00
-4.083	202.800	-150.00	-4.000	202.925	-2.00	1464+0.000	203.005	202.671	0.334	4.000	202.925	-2.00	4.259	202.536	-150.00
-4.057	203.472	-150.00	-4.000	203.558	-2.00	1465+0.000	203.638	203.334	0.304	4.000	203.558	-2.00	4.246	203.189	-150.00
-4.022	204.214	-150.00	-4.000	204.247	-2.00	1466+0.000	204.327	204.066	0.260	4.000	204.247	-2.00	4.227	203.906	-150.00
-4.032	204.929	-150.00	-4.000	204.977	-2.00	1467+0.000	205.057	204.715	0.341	4.000	204.977	-2.00	4.327	204.486	-150.00
			-4.000	205.647	-2.00	1468+0.000	205.727	205.389	0.338	4.000	205.647	-2.00	4.358	205.110	-150.00
-4.021	206.152	-150.00	-4.000	206.184	-2.00	1469+0.000	206.264	205.906	0.358	4.000	206.184	-2.00	4.353	205.654	-150.00
-4.012	206.680	-150.00	-4.000	206.697	-2.00	1470+0.000	206.777	206.441	0.336	4.000	206.697	-2.00	4.343	206.183	-150.00
			-4.000	207.287	-2.00	1471+0.000	207.367	207.050	0.317	4.000	207.287	-2.00	4.331	206.791	-150.00
-4.019	208.015	66.67	-4.000	208.002	-2.00	1472+0.000	208.082	207.782	0.300	4.000	208.002	-2.00	4.314	207.531	-150.00
			-4.000	208.711	-2.00	1473+0.000	208.791	208.455	0.336	4.000	208.711	-2.00	4.363	208.166	-150.00
-4.038	209.079	-150.00	-4.000	209.137	-2.00	1474+0.000	209.217	208.846	0.370	4.000	209.137	-2.00	4.361	208.595	-150.00
-4.036	209.150	-150.00	-4.000	209.205	-2.00	1475+0.000	209.285	208.914	0.370	4.000	209.205	-2.00	4.363	208.659	-150.00
-4.078	208.974	-150.00	-4.000	209.091	-2.00	1476+0.000	209.171	208.762	0.409	4.000	209.091	-2.00	4.371	208.535	-150.00
-4.084	208.572	-150.00	-4.000	208.697	-2.00	1477+0.000	208.777	208.378	0.400	4.000	208.697	-2.00	4.353	208.168	-150.00
-4.163	207.778	-150.00	-4.000	208.023	-2.00	1478+0.000	208.103	207.658	0.445	4.000	208.023	-2.00	4.327	207.532	-150.00
-4.148	207.004	-150.00	-4.000	207.226	-2.00	1479+0.000	207.306	206.882	0.423	4.000	207.226	-2.00	4.313	206.756	-150.00
-4.058	206.624	-150.00	-4.000	206.710	-2.00	1480+0.000	206.790	206.425	0.366	4.000	206.710	-2.00	4.332	206.212	-150.00
-4.065	206.476	-150.00	-4.000	206.574	-2.00	1481+0.000	206.654	206.292	0.362	4.000	206.574	-2.00	4.273	206.164	-150.00
-4.086	206.688	-150.00	-4.000	206.817	-2.00	1482+0.000	206.897	206.556	0.340	4.000	206.817	-2.00	4.279	206.398	-150.00
-4.125	207.017	-150.00	-4.000	207.204	-2.00	1483+0.000	207.284	206.880	0.405	4.000	207.204	-2.00	4.310	206.739	-150.00
-4.045	207.682	-150.00	-4.000	207.749	-2.00	1484+0.000	207.829	207.508	0.321	4.000	207.749	-2.00	4.262	207.356	-150.00
-4.038	208.444	-150.00	-4.000	208.502	-2.00	1485+0.000	208.582	208.275	0.307	4.000	208.502	-2.00	4.267	208.100	-150.00
-4.026	209.322	-150.00	-4.000	209.360	-2.00	1486+0.000	209.440	209.119	0.321	4.000	209.360	-2.00	4.305	208.903	-150.00
-4.071	209.907	-150.00	-4.000	210.013	-2.00	1487+0.000	210.093	209.832	0.261	4.000	210.013	-2.00	4.177	209.748	-150.00
-4.118	210.832	-150.00	-4.000	211.009	-2.00	1488+0.000	211.089	210.746	0.343	4.000	211.009	-2.00	4.234	210.658	-150.00
-4.154	211.386	-150.00	-4.000	211.618	-2.00	1489+0.000	211.698	211.444	0.253	4.000	211.618	-2.00	4.021	211.587	-150.00
-4.203	212.427	-150.00	-4.000	212.732	-2.00	1490+0.000	212.812	212.512	0.299	4.000	212.732	-2.00	4.078	212.615	-150.00
-4.294	213.280	-150.00	-4.000	213.721	-2.00	1491+0.000	213.801	213.432	0.369	4.000	213.721	-2.00	4.096	213.577	-150.00
-4.243	213.766	-150.00	-4.000	214.131	-2.00	1492+0.000	214.211	213.886	0.325	4.000	214.131	-2.00	4.067	214.031	-150.00
-4.327	214.038	-150.00	-4.000	214.528	-2.00	1493+0.000	214.608	214.181	0.428	4.000	214.528	-2.00	4.042	214.466	-150.00
-4.376	214.391	-150.00	-4.000	214.955	-2.00	1494+0.000	215.035	214.715	0.320	4.000	214.955	-2.00	4.113	215.031	66.67
-4.336	215.210	-150.00	-4.000	215.714	-2.00	1495+0.000	215.794	215.538	0.256	4.000	215.714	-2.00	4.213	215.856	66.67
-4.287	216.759	-150.00	-4.000	217.190	-2.00	1496+0.000	217.270	217.037	0.233	4.000	217.190	-2.00	4.177	217.308	66.67
-4.367	218.611	-150.00	-4.000	219.161	-2.00	1497+0.000	219.241	219.024	0.218	4.000	219.161	-2.00	4.420	219.441	66.67
-4.365	220.767	-150.00	-4.000	221.314	-2.00	1498+0.000	221.394	221.181	0.214	4.000	221.314	-2.00	4.429	221.600	66.67
-4.339	222.959	-150.00	-4.000	223.467	-2.00	1499+0.000	223.547	223.343	0.204	4.000	223.467	-2.00	4.350	223.701	66.67
-4.278	225.022	-150.00	-4.000	225.440	-2.00	1500+0.000	225.520	225.366	0.154	4.000	225.440	-2.00	4.421	225.721	66.67
-4.347	226.877	-150.00	-4.000	227.398	-2.00	1501+0.000	227.478	227.220	0.257	4.000	227.398	-2.00	4.236	227.555	66.67
-4.318	228.036	-150.00	-4.000	228.512	-2.00	1502+0.000	228.592	228.240	0.352	4.000	228.512	-2.00	4.057	228.426	-150.00
-4.366	228.513	-150.00	-4.000	229.062	-2.00	1503+0.000	229.142	228.740	0.402	4.000	229.062	-2.00	4.083	228.938	-150.00
-4.375	228.611	-150.00	-4.000	229.173	-2.00	1504+0.000	229.253	228.816	0.437	4.000	229.173	-2.00	4.249	228.800	-150.00
-4.286	227.939	-150.00	-4.000	228.369	-2.00	1505+0.000	228.449	227.911	0.538	4.000	228.369	-2.00	4.324	227.883	-150.00
-4.213	226.737	-150.00	-4.000	227.057	-2.00	1506+0.000	227.137	226.778	0.359	4.000	227.057	-2.00	4.185	226.779	-150.00
-4.376	225.188	-150.00	-4.000	225.752	-2.00	1507+0.000	225.832	225.346	0.486	4.000	225.752	-2.00	4.147	225.532	-150.00
-4.369	224.333	-150.00	-4.000	224.887	-2.00	1508+0.000	224.967	224.550	0.418	4.000	224.887	-2.00	4.077	224.772	-150.00
-4.603	223.374	-150.00	-4.000	224.279	-2.00	1509+0.000	224.359	223.714	0.645	4.000	224.279	-2.00	4.171	224.023	-150.00
-4.498	223.064	-150.00	-4.000	223.812	-2.00	1510+0.000	223.892	223.456	0.436	4.000	223.812	-2.00			
-4.544	223.429	-150.00	-4.000	224.245	-2.00	1511+0.000	224.325	224.013	0.312	4.000	224.245	-2.00	4.304	224.448	66.67
-4.471	224.417	-150.00	-4.000	225.124	-2.00	1512+0.000	225.204	224.950	0.254	4.000	225.124	-2.00	4.286	225.315	66.67
-4.387	226.173	-150.00	-4.000	226.754	-2.00	1513+0.000	226.834	226.703	0.131	4.000	226.754	-2.00	4.452	227.055	66.67
-4.352	228.197	-150.00	-4.000	228.725	-2.00	1514+0.000	228.805	228.775	0.030	4.000	228.725	-2.00	5.090	229.451	66.67
-4.471	229.986	-150.00	-4.000	230.692	-2.00	1515+0.000	230.772	230.547	0.226	4.000	230.692	-2.00	4.659	231.131	66.67
-4.547	231.667	-150.00	-4.000	232.487	-2.00	1516+0.000	232.567	232.287	0.280	4.000	232.487	-2.00	4.556	232.857	66.67
-4.462	232.741	-150.00	-4.000	233.434	-2.00	1517+0.000	233.514	233.304	0.209	4.000	233.434	-2.00	4.696	233.898	66.67
-4.624	233.445	-150.00	-4.000	234.381	-2.00	1518+0.000	234.461	234.055	0.406	4.000	234.381	-2.00	4.404	234.650	66.67
-4.559	234.523	-150.00	-4.000	235.362	-2.00	1519+0.000	235.442	234.931	0.511	4.000	235.362	-2.00	4.185	235.485	66.67
-4.106	236.558	-150.00	-4.000	236.716	-2.00	1520+0.000	236.796	236.720	0.076	4.000	236.716	-2.00	4.221	236.864	66.67
-4.250	238.416	66.67	-4.000	238.249	-2.00	1521+0.000	238.329	238.292	0.037	4.000	238.249	-2.00	4.049	238.175	-150.00
-4.351	240.203	66.67	-4.000	239.968	-2.00	1522+0.000	240.048	239.842	0.207	4.000	239.968	-2.00	4.222	239.635	-150.00
-4.183	242.162	66.67	-4.000	242.040	-2.00	1523+0.000	242.120	241.913	0.207	4.000	242.040	-2.00	4.253	241.661	-150.00
-4.521	243.893	66.67	-4.000	243.545	-2.00	1524+0.000	243.625	243.442	0.183	4.000	243.545	-2.00	4.359	243.007	-150.00
-4.682	246.331	66.67	-4.000	245.876	-2.00	1525+0.000	245.956	245.946	0.010	4.000	245.876	-2.00	4.182	245.603	-150.00
-4.303	248.651	66.67	-4.000	248.449	-2.00	1526+0.000	248.529	248.262	0.268	4.000	248.449	-2.00	4.486	247.720	-150.00
-4.568	249.866	66.67	-4.000	249.488	-2.00	1527+0.000	249.568	249.277	0.291	4.000	249.488	-2.00	4.568	248.635	-150.00
			-4.000	249.753	-2.00	1528+0.000	249.833	249.421	0.412	4.000	249.753	-2.00	4.460	249.063	-150.00
-4.103	249.802	66.67	-4.000	249.734	-2.00	1529+0.000	249.814	249.416	0.398	4.000	249.734	-2.00	4.509	248.970	-150.00
-4.060	249.168	66.67	-4.000	249.128	-2.00	1530+0.000	249.208	248.771	0.437	4.000	249.128	-2.00	4.534	248.327	-150.00
-4.190	248.469	66.67	-4.000	248.342	-2.00	1531+0.000	248.422	248.029	0.394	4.000	248.342	-2.00	4.523	247.557	-150.00
-4.238	247.647	-150.00	-4.000	248.004	-2.00	1532+0.000	248.084	247.596	0.488	4.000	248.004	-2.00	4.447	247.334	-150.00
-4.220	246.542	-150.00	-4.000	246.872	-2.00	1533+0.000	246.952	246.548	0.405	4.000	246.872	-2.00	4.212	246.554	-150.00
-4.507	245.275	-150.00	-4.000	246.036	-2.00	1534+0.000	246.116	245.535	0.580	4.000	246.036	-2.00	4.173	245.776	-150.00
-4.565	243.702	-150.00	-4.000	244.550	-2.00	1535+0.000	244.630	243.983	0.647	4.000	244.550	-2.00	4.205	244.243	-150.00
-4.422	242.463	-150.00	-4.000	243.097	-2.00	1536+0.000	243.177	242.742	0.434	4.000	243.097	-2.00	4.065	242.999	-150.00
-4.423	241.595	-150.00	-4.000	242.230	-2.00	1537+0.000	242.310	241.862	0.449	4.000	242.230	-2.00	4.042	242.167	-150.00
-4.407	240.780	-150.00	-4.000	241.391	-2.00	1538+0.000	241.471	241.103	0.368	4.000	241.391	-2.00	4.007	241.396	66.67
-4.203	240.293	-150.00	-4.000	240.597	-2.00	1539+0.000	240.677	240.257	0.420	4.000	240.597	-2.00	4.017	240.572	-150.00
-4.367	239.411	-150.00	-4.000	239.961	-2.00	1540+0.000	240.041	239.649	0.392	4.000	239.961	-2.00	4.110	240.034	66.67

Osvaldo Leôncio da S... a
Diretor da Unidade de Pro... os
Projetos e Obras - Dua PE
Secretaria das Cidade...

-4.358	238.822	-150.00	-4.000	239.360	-2.00	1541+0.000	239.440	239.044	0.396	4.000	239.360	-2.00	4.098	239.425	66.67
-4.289	238.054	-150.00	-4.000	238.488	-2.00	1542+0.000	238.568	238.228	0.340	4.000	238.488	-2.00	4.178	238.607	66.67
-4.261	237.224	-150.00	-4.000	237.616	-2.00	1543+0.000	237.696	237.326	0.370	4.000	237.616	-2.00	4.127	237.426	-150.00
-4.282	236.342	-150.00	-4.000	236.765	-2.00	1544+0.000	236.845	236.451	0.394	4.000	236.765	-2.00	4.139	236.556	-150.00
-4.188	235.719	-150.00	-4.000	236.000	-2.00	1545+0.000	236.080	235.785	0.295	4.000	236.000	-2.00	4.111	235.834	-150.00
-4.083	235.664	-150.00	-4.000	235.788	-2.00	1546+0.000	235.868	235.580	0.288	4.000	235.788	-2.00	4.094	235.647	-150.00
-4.270	236.033	-150.00	-4.000	236.438	-2.00	1547+0.000	236.518	236.125	0.393	4.000	236.438	-2.00	4.149	236.214	-150.00
-4.241	236.923	-150.00	-4.000	237.285	-2.00	1548+0.000	237.365	237.068	0.296	4.000	237.285	-2.00	4.051	237.208	-150.00
-4.235	237.880	-150.00	-4.000	238.232	-2.00	1549+0.000	238.312	238.017	0.295	4.000	238.232	-2.00	4.055	238.149	-150.00
-4.260	238.921	-150.00	-4.000	239.312	-2.00	1550+0.000	239.392	239.091	0.301	4.000	239.312	-2.00	4.041	239.251	-150.00
-4.288	239.267	-150.00	-4.000	239.699	-2.00	1551+0.000	239.779	239.434	0.346	4.000	239.699	-2.00	4.077	239.584	-150.00
-4.316	239.269	-150.00	-4.000	239.742	-2.00	1552+0.000	239.822	239.379	0.443	4.000	239.742	-2.00	4.171	239.486	-150.00
-4.310	238.720	-150.00	-4.000	239.185	-2.00	1553+0.000	239.265	238.857	0.408	4.000	239.185	-2.00	4.135	238.983	-150.00
-4.444	237.931	-150.00	-4.000	238.597	-2.00	1554+0.000	238.677	238.245	0.432	4.000	238.597	-2.00	4.140	238.387	-150.00
-4.452	237.235	-150.00	-4.000	237.913	-2.00	1555+0.000	237.993	237.549	0.444	4.000	237.913	-2.00	4.199	237.615	-150.00
-4.464	236.231	-150.00	-4.000	236.927	-2.00	1556+0.000	237.007	236.537	0.470	4.000	236.927	-2.00	4.194	236.635	-150.00
-4.435	235.410	-150.00	-4.000	236.063	-2.00	1557+0.000	236.143	235.732	0.411	4.000	236.063	-2.00	4.057	235.978	-150.00
-4.444	234.748	-150.00	-4.000	235.414	-2.00	1558+0.000	235.494	235.068	0.426	4.000	235.414	-2.00	4.095	235.272	-150.00
-4.469	233.861	-150.00	-4.000	234.565	-2.00	1559+0.000	234.645	234.199	0.446	4.000	234.565	-2.00	4.077	234.450	-150.00
-4.449	232.956	-150.00	-4.000	233.629	-2.00	1560+0.000	233.709	233.263	0.446	4.000	233.629	-2.00	4.065	233.532	-150.00
-4.489	231.914	-150.00	-4.000	232.648	-2.00	1561+0.000	232.728	232.224	0.504	4.000	232.648	-2.00	4.095	232.506	-150.00
-4.452	231.063	-150.00	-4.000	231.740	-2.00	1562+0.000	231.820	231.355	0.466	4.000	231.740	-2.00	4.079	231.622	-150.00
-4.366	230.417	-150.00	-4.000	230.966	-2.00	1563+0.000	231.046	230.676	0.371	4.000	230.966	-2.00	4.048	230.895	-150.00
-4.336	229.859	-150.00	-4.000	230.363	-2.00	1564+0.000	230.443	230.094	0.349	4.000	230.363	-2.00	4.034	230.312	-150.00
-4.330	230.103	-150.00	-4.000	230.598	-2.00	1565+0.000	230.678	230.360	0.318	4.000	230.598	-2.00			
-4.318	230.608	-150.00	-4.000	231.084	-2.00	1566+0.000	231.164	230.866	0.298	4.000	231.084	-2.00	4.035	231.108	66.67
-4.359	231.247	-150.00	-4.000	231.786	-2.00	1567+0.000	231.866	231.532	0.334	4.000	231.786	-2.00	4.013	231.794	66.67
-4.337	231.981	-150.00	-4.000	232.487	-2.00	1568+0.000	232.567	232.251	0.316	4.000	232.487	-2.00	4.023	232.502	66.67
-4.357	232.592	-150.00	-4.000	233.127	-2.00	1569+0.000	233.207	232.860	0.347	4.000	233.127	-2.00	4.014	233.106	-150.00
-4.270	233.123	-150.00	-4.000	233.528	-2.00	1570+0.000	233.608	233.326	0.282	4.000	233.528	-2.00	4.008	233.516	-150.00
-4.186	233.758	-150.00	-4.000	234.037	-2.00	1571+0.000	234.117	233.916	0.200	4.000	234.037	-2.00			
-4.273	234.136	-150.00	-4.000	234.546	-2.00	1572+0.000	234.626	234.267	0.359	4.000	234.546	-2.00	4.102	234.392	-150.00
-4.254	234.607	-150.00	-4.000	234.988	-2.00	1573+0.000	235.068	234.669	0.399	4.000	234.988	-2.00	4.173	234.729	-150.00
-4.187	235.053	-150.00	-4.000	235.334	-2.00	1574+0.000	235.414	235.116	0.298	4.000	235.334	-2.00	4.139	235.125	-150.00
-4.187	235.367	-150.00	-4.000	235.647	-2.00	1575+0.000	235.727	235.354	0.373	4.000	235.647	-2.00	4.204	235.341	-150.00
-4.107	235.633	-150.00	-4.000	235.794	-2.00	1576+0.000	235.874	235.520	0.354	4.000	235.794	-2.00	4.261	235.402	-150.00
-4.077	235.436	-150.00	-4.000	235.551	-2.00	1577+0.000	235.631	235.283	0.348	4.000	235.551	-2.00	4.258	235.163	-150.00
-4.183	235.406	66.67	-4.000	235.284	-2.00	1578+0.000	235.364	235.223	0.141	4.000	235.284	-2.00	4.162	235.041	-150.00
-4.052	234.822	-150.00	-4.000	234.901	-2.00	1579+0.000	234.981	234.603	0.378	4.000	234.901	-2.00	4.356	234.367	-150.00
-4.026	234.283	-150.00	-4.000	234.322	-2.00	1580+0.000	234.402	234.064	0.337	4.000	234.322	-2.00	4.328	233.829	-150.00
-4.081	233.621	-150.00	-4.000	233.742	-2.00	1581+0.000	233.822	233.344	0.479	4.000	233.742	-2.00	4.468	233.040	-150.00
-4.041	233.102	-150.00	-4.000	233.163	-2.00	1582+0.000	233.243	232.825	0.418	4.000	233.163	-2.00	4.452	232.486	-150.00
-4.037	232.637	-150.00	-4.000	232.693	-2.00	1583+0.000	232.773	232.326	0.447	4.000	232.693	-2.00	4.474	231.982	-150.00
-4.013	232.319	-150.00	-4.000	232.339	-2.00	1584+0.000	232.419	232.049	0.370	4.000	232.339	-2.00	4.390	231.754	-150.00
-4.069	231.953	-150.00	-4.000	232.057	-2.00	1585+0.000	232.137	231.741	0.396	4.000	232.057	-2.00	4.362	231.513	-150.00
-4.061	231.461	-150.00	-4.000	231.552	-2.00	1586+0.000	231.632	231.311	0.321	4.000	231.552	-2.00	4.292	231.115	-150.00
-4.143	230.827	-150.00	-4.000	231.042	-2.00	1587+0.000	231.122	230.673	0.449	4.000	231.042	-2.00	4.354	230.511	-150.00
-4.157	229.799	-150.00	-4.000	230.034	-2.00	1588+0.000	230.114	229.650	0.464	4.000	230.034	-2.00	4.364	229.488	-150.00
-4.160	228.628	-150.00	-4.000	228.868	-2.00	1589+0.000	228.948	228.476	0.472	4.000	228.868	-2.00	4.361	228.327	-150.00
-4.156	227.243	-150.00	-4.000	227.477	-2.00	1590+0.000	227.557	227.076	0.481	4.000	227.477	-2.00	4.362	226.934	-150.00
-4.150	225.862	-150.00	-4.000	226.087	-2.00	1591+0.000	226.167	225.687	0.480	4.000	226.087	-2.00	4.361	225.545	-150.00
-4.166	224.491	-150.00	-4.000	224.740	-2.00	1592+0.000	224.820	224.355	0.466	4.000	224.740	-2.00	4.350	224.215	-150.00
-4.157	223.295	-150.00	-4.000	223.531	-2.00	1593+0.000	223.611	223.204	0.407	4.000	223.531	-2.00	4.306	223.072	-150.00
-4.224	222.308	-150.00	-4.000	222.644	-2.00	1594+0.000	222.724	222.304	0.420	4.000	222.644	-2.00	4.250	222.269	-150.00
-4.221	221.569	-150.00	-4.000	221.900	-2.00	1595+0.000	221.980	221.576	0.404	4.000	221.900	-2.00	4.170	221.644	-150.00
-4.226	221.090	-150.00	-4.000	221.429	-2.00	1596+0.000	221.509	221.116	0.392	4.000	221.429	-2.00	4.168	221.176	-150.00
-4.247	220.822	-150.00	-4.000	221.192	-2.00	1597+0.000	221.272	220.910	0.362	4.000	221.192	-2.00	4.053	221.112	-150.00
-4.259	220.813	-150.00	-4.000	221.201	-2.00	1598+0.000	221.281	220.900	0.381	4.000	221.201	-2.00	4.122	221.018	-150.00
-4.213	220.608	-150.00	-4.000	220.928	-2.00	1599+0.000	221.008	220.691	0.316	4.000	220.928	-2.00	4.093	220.789	-150.00
-4.263	220.229	-150.00	-4.000	220.623	-2.00	1600+0.000	220.703	220.352	0.351	4.000	220.623	-2.00	4.101	220.471	-150.00
-4.291	219.851	-150.00	-4.000	220.287	-2.00	1601+0.000	220.367	219.975	0.392	4.000	220.287	-2.00	4.131	220.091	-150.00
-4.311	218.514	-150.00	-4.000	218.980	-2.00	1602+0.000	219.060	218.617	0.443	4.000	218.980	-2.00	4.176	218.717	-150.00
-4.307	217.022	-150.00	-4.000	217.483	-2.00	1603+0.000	217.563	217.123	0.441	4.000	217.483	-2.00	4.176	217.220	-150.00
-4.390	215.288	-150.00	-4.000	215.873	-2.00	1604+0.000	215.953	215.431	0.522	4.000	215.873	-2.00	4.204	215.568	-150.00
-4.373	213.452	-150.00	-4.000	214.012	-2.00	1605+0.000	214.092	213.592	0.500	4.000	214.012	-2.00	4.190	213.728	-150.00
-4.282	211.856	-150.00	-4.000	212.279	-2.00	1606+0.000	212.359	211.984	0.374	4.000	212.279	-2.00	4.114	212.108	-150.00
-4.342	210.491	-150.00	-4.000	211.004	-2.00	1607+0.000	211.084	210.638	0.445	4.000	211.004	-2.00	4.150	210.779	-150.00
-4.375	209.451	-150.00	-4.000	210.013	-2.00	1608+0.000	210.093	209.601	0.492	4.000	210.013	-2.00	4.178	209.746	-150.00
-4.390	208.627	-150.00	-4.000	209.212	-2.00	1609+0.000	209.292	208.777	0.515	4.000	209.212	-2.00	4.194	208.921	-150.00
-4.364	208.051	-150.00	-4.000	208.597	-2.00	1610+0.000	208.677	208.183	0.494	4.000	208.597	-2.00	4.192	208.310	-150.00
-4.353	207.577	-150.00	-4.000	208.107	-2.00	1611+0.000	208.187	207.713	0.475	4.000	208.107	-2.00	4.174	207.846	-150.00
-4.292	207.219	-150.00	-4.000	207.657	-2.00	1612+0.000	207.737	207.357	0.380	4.000	207.657	-2.00	4.111	207.490	-150.00
-4.293	206.984	-150.00	-4.000	207.424	-2.00	1613+0.000	207.504	207.093	0.411	4.000	207.424	-2.00	4.150	207.199	-150.00
-4.277	206.775	-150.00	-4.000	207.191	-2.00	1614+0.000	207.271	206.885	0.385	4.000	207.191	-2.00	4.144	206.974	-150.00
-4.244	206.509	-150.00	-4.000	206.875	-2.00	1615+0.000	206.955	206.588	0.367	4.000	206.875	-2.00	4.140	206.665	-150.00
-4.214	206.181	-150.00	-4.000	206.503	-2.00	1616+0.000	206.583	206.224	0.359	4.000	206.503	-2.00	4.158	206.265	-150.00
-4.222	205.784	-150.00	-4.000	206.117	-2.00	1617+0.000	206.197	205.804	0.393	4.000	206.117	-2.00	4.183	205.843	-150.00
-4.172	205.363	-150.00	-4.000	205.620	-2.00	1618+0.000	205.700	205.375	0.325	4.000	205.620	-2.00	4.155	205.388	-150.00
-4.176	204.804	-150.00	-4.000	205.067	-2.00	1619+0.000	205.147	204.753	0.394	4.000	205.067	-2.00	4.244	204.702	-150.00
-4.195	204.197	-150.00	-4.000	204.490	-2.00	1620+0.000	204.570	204.143	0.427	4.000	204.490	-2.00	4.268	204.089	-150.00
-4.186	203.411	-150.00	-4.000	203.690	-2.00	1621+0.000	203.770	203.318	0.452	4.000	203.690	-2.00	4.312	203.221	-150.00
-4.175	202.527	-150.00	-4.000	202.790	-2.00	1622+0.000	202.870	202.409	0.461	4.000	202.790	-2.00	4.336	202.286	-150.00
-4.196	201.544	-150.00	-4.000	201.838	-2.00	1623+0.000	201.918	201.453	0.465	4.000	201.838	-2.00	4.332	201.340	-150.00
-4.178	200.392	-150.00	-4.000	200.658	-2.00	1624+0.000	200.738	200.280	0.458	4.000	200.658	-2.00	4.329	200.165	-150.00
-4.203	199.170	-150.00	-4.000	199.475	-2.00	1625+0.000	199.555	199.090	0.465	4.000	199.475	-2.00	4.334	198.974	-150.00
-4.245	197.853	-150.00	-4.000	198.221	-2.00	1626+0.000	198.301	197.790	0.511	4.000	198.221	-2.00	4.368	197.668	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Projetos
Projetos e Obras - [illegible]
Secretaria das Cidades

-4.237	196.301	-150.00	-4.000	196.657	-2.00	1627+0.000	196.737	196.243	0.494	4.000	196.657	-2.00	4.331	196.161	-150.00
-4.238	194.512	-150.00	-4.000	194.869	-2.00	1628+0.000	194.949	194.439	0.510	4.000	194.869	-2.00	4.336	194.365	-150.00
-4.349	192.443	-150.00	-4.000	192.967	-2.00	1629+0.000	193.047	192.396	0.652	4.000	192.967	-2.00	4.387	192.387	-150.00
-4.428	190.424	-150.00	-4.000	191.065	-2.00	1630+0.000	191.145	190.547	0.598	4.000	191.065	-2.00	4.266	190.666	-150.00
-4.401	188.647	-150.00	-4.000	189.248	-2.00	1631+0.000	189.328	188.781	0.547	4.000	189.248	-2.00	4.216	188.925	-150.00
-4.363	186.963	-150.00	-4.000	187.506	-2.00	1632+0.000	187.586	187.127	0.459	4.000	187.506	-2.00	4.148	187.284	-150.00
-4.284	185.666	-150.00	-4.000	186.092	-2.00	1633+0.000	186.172	185.813	0.359	4.000	186.092	-2.00	4.088	185.960	-150.00
-4.328	184.956	-150.00	-4.000	185.447	-2.00	1634+0.000	185.527	185.156	0.371	4.000	185.447	-2.00	4.068	185.345	-150.00
-4.332	184.769	-150.00	-4.000	185.267	-2.00	1635+0.000	185.347	184.879	0.468	4.000	185.267	-2.00	4.171	185.011	-150.00
-4.292	184.649	-150.00	-4.000	185.087	-2.00	1636+0.000	185.167	184.783	0.384	4.000	185.087	-2.00	4.116	184.913	-150.00
-4.170	185.172	-150.00	-4.000	185.427	-2.00	1637+0.000	185.507	185.244	0.264	4.000	185.427	-2.00	4.076	185.313	-150.00
-4.052	186.408	-150.00	-4.000	186.486	-2.00	1638+0.000	186.566	186.247	0.319	4.000	186.486	-2.00	4.271	186.079	-150.00
-4.060	187.000	-150.00	-4.000	187.090	-2.00	1639+0.000	187.170	186.846	0.325	4.000	187.090	-2.00	4.279	186.672	-150.00
-4.109	187.594	-150.00	-4.000	187.757	-2.00	1640+0.000	187.837	187.542	0.295	4.000	187.757	-2.00	4.194	187.466	-150.00
-4.169	188.353	-150.00	-4.000	188.606	-2.00	1641+0.000	188.686	188.381	0.305	4.000	188.606	-2.00	4.145	188.389	-150.00
-4.169	189.203	-150.00	-4.000	189.456	-2.00	1642+0.000	189.536	189.227	0.309	4.000	189.456	-2.00	4.148	189.234	-150.00
-4.190	189.939	-150.00	-4.000	190.224	-2.00	1643+0.000	190.304	189.980	0.323	4.000	190.224	-2.00	4.135	190.022	-150.00
-4.197	190.588	-150.00	-4.000	190.884	-2.00	1644+0.000	190.964	190.622	0.342	4.000	190.884	-2.00	4.153	190.655	-150.00
-4.242	190.520	-150.00	-4.000	190.883	-2.00	1645+0.000	190.963	190.537	0.426	4.000	190.883	-2.00	4.219	190.555	-150.00
-4.229	190.066	-150.00	-4.000	190.410	-2.00	1646+0.000	190.490	190.099	0.390	4.000	190.410	-2.00	4.185	190.132	-150.00
-4.142	189.726	-150.00	-4.000	189.939	-2.00	1647+0.000	190.019	189.713	0.306	4.000	189.939	-2.00	4.159	189.701	-150.00
-4.139	189.313	-150.00	-4.000	189.522	-2.00	1648+0.000	189.602	189.248	0.353	4.000	189.522	-2.00	4.226	189.182	-150.00
-4.163	188.860	-150.00	-4.000	189.104	-2.00	1649+0.000	189.184	188.789	0.395	4.000	189.104	-2.00	4.243	188.740	-150.00
-4.171	188.565	-150.00	-4.000	188.821	-2.00	1650+0.000	188.901	188.519	0.382	4.000	188.821	-2.00	4.232	188.473	-150.00
-4.140	188.429	-150.00	-4.000	188.640	-2.00	1651+0.000	188.720	188.398	0.322	4.000	188.640	-2.00	4.182	188.366	-150.00
-4.212	188.242	-150.00	-4.000	188.560	-2.00	1652+0.000	188.640	188.254	0.386	4.000	188.560	-2.00	4.196	188.266	-150.00
-4.280	188.118	-150.00	-4.000	188.538	-2.00	1653+0.000	188.618	188.222	0.396	4.000	188.538	-2.00	4.144	188.322	-150.00
-4.271	187.756	-150.00	-4.000	188.162	-2.00	1654+0.000	188.242	187.885	0.357	4.000	188.162	-2.00	4.100	188.012	-150.00
-4.258	187.884	-150.00	-4.000	188.270	-2.00	1655+0.000	188.350	187.988	0.362	4.000	188.270	-2.00	4.106	188.110	-150.00
-4.218	188.055	-150.00	-4.000	188.381	-2.00	1656+0.000	188.461	188.110	0.351	4.000	188.381	-2.00	4.114	188.210	-150.00
-4.222	188.160	-150.00	-4.000	188.492	-2.00	1657+0.000	188.572	188.213	0.359	4.000	188.492	-2.00	4.160	188.252	-150.00
-4.198	188.281	-150.00	-4.000	188.578	-2.00	1658+0.000	188.658	188.321	0.337	4.000	188.578	-2.00	4.149	188.355	-150.00
-4.199	188.278	-150.00	-4.000	188.576	-2.00	1659+0.000	188.656	188.300	0.357	4.000	188.576	-2.00	4.159	188.337	-150.00
-4.253	188.115	-150.00	-4.000	188.494	-2.00	1660+0.000	188.574	188.173	0.401	4.000	188.494	-2.00	4.176	188.230	-150.00
-4.280	187.553	-150.00	-4.000	187.972	-2.00	1661+0.000	188.052	187.675	0.377	4.000	187.972	-2.00	4.119	187.793	-150.00
-4.208	187.862	-150.00	-4.000	188.174	-2.00	1662+0.000	188.254	187.971	0.283	4.000	188.174	-2.00	4.076	188.060	-150.00
-4.336	187.700	-150.00	-4.000	188.204	-2.00	1663+0.000	188.284	187.904	0.380	4.000	188.204	-2.00	4.136	188.000	-150.00
-4.291	187.691	-150.00	-4.000	188.127	-2.00	1664+0.000	188.207	187.856	0.352	4.000	188.127	-2.00	4.085	188.000	-150.00
-4.321	187.679	-150.00	-4.000	188.161	-2.00	1665+0.000	188.241	187.838	0.403	4.000	188.161	-2.00	4.115	187.988	-150.00
-4.333	187.717	-150.00	-4.000	188.217	-2.00	1666+0.000	188.297	187.925	0.372	4.000	188.217	-2.00	4.077	188.101	-150.00
-4.363	186.730	-150.00	-4.000	187.275	-2.00	1667+0.000	187.355	186.909	0.446	4.000	187.275	-2.00	4.065	187.178	-150.00
-4.348	186.474	-150.00	-4.000	186.996	-2.00	1668+0.000	187.076	186.666	0.410	4.000	186.996	-2.00	4.099	186.848	-150.00
-4.355	185.854	-150.00	-4.000	186.386	-2.00	1669+0.000	186.466	186.020	0.446	4.000	186.386	-2.00	4.139	186.178	-150.00
-4.325	185.182	-150.00	-4.000	185.669	-2.00	1670+0.000	185.749	185.327	0.422	4.000	185.669	-2.00	4.136	185.465	-150.00
-4.340	184.521	-150.00	-4.000	185.031	-2.00	1671+0.000	185.111	184.693	0.418	4.000	185.031	-2.00	4.117	184.856	-150.00
-4.230	184.259	-150.00	-4.000	184.604	-2.00	1672+0.000	184.684	184.321	0.363	4.000	184.604	-2.00	4.148	184.382	-150.00
-4.261	183.974	-150.00	-4.000	184.365	-2.00	1673+0.000	184.445	184.032	0.414	4.000	184.365	-2.00	4.184	184.089	-150.00
-4.153	183.801	-150.00	-4.000	184.030	-2.00	1674+0.000	184.110	183.813	0.297	4.000	184.030	-2.00	4.134	183.828	-150.00
-4.193	184.277	-150.00	-4.000	184.566	-2.00	1675+0.000	184.646	184.288	0.358	4.000	184.566	-2.00	4.178	184.299	-150.00
-4.128	184.964	-150.00	-4.000	185.155	-2.00	1676+0.000	185.235	184.928	0.308	4.000	185.155	-2.00	4.129	184.962	-150.00
-4.117	186.020	-150.00	-4.000	186.195	-2.00	1677+0.000	186.275	186.011	0.264	4.000	186.195	-2.00	4.130	186.000	-150.00
-4.180	187.011	-150.00	-4.000	187.282	-2.00	1678+0.000	187.362	187.079	0.283	4.000	187.282	-2.00	4.091	187.145	-150.00
-4.215	188.045	-150.00	-4.000	188.368	-2.00	1679+0.000	188.448	188.174	0.274	4.000	188.368	-2.00	4.089	188.235	-150.00
-4.275	188.800	-150.00	-4.000	189.213	-2.00	1680+0.000	189.293	188.951	0.342	4.000	189.213	-2.00	4.079	189.095	-150.00
-4.246	189.280	-150.00	-4.000	189.649	-2.00	1681+0.000	189.729	189.444	0.285	4.000	189.649	-2.00	4.039	189.590	-150.00
-4.237	189.568	-150.00	-4.000	189.923	-2.00	1682+0.000	190.003	189.664	0.339	4.000	189.923	-2.00	4.113	189.754	-150.00
-4.280	189.669	-150.00	-4.000	190.089	-2.00	1683+0.000	190.169	189.760	0.410	4.000	190.089	-2.00	4.161	189.848	-150.00
-4.230	189.911	-150.00	-4.000	190.255	-2.00	1684+0.000	190.335	189.979	0.357	4.000	190.255	-2.00	4.140	190.045	-150.00
-4.209	190.121	-150.00	-4.000	190.435	-2.00	1685+0.000	190.515	190.141	0.373	4.000	190.435	-2.00	4.181	190.163	-150.00
-4.192	190.328	-150.00	-4.000	190.615	-2.00	1686+0.000	190.695	190.352	0.343	4.000	190.615	-2.00	4.167	190.365	-150.00
-4.202	190.516	-150.00	-4.000	190.820	-2.00	1687+0.000	190.900	190.520	0.379	4.000	190.820	-2.00	4.197	190.524	-150.00
-4.286	190.654	-150.00	-4.000	191.083	-2.00	1688+0.000	191.163	190.673	0.490	4.000	191.083	-2.00	4.261	190.692	-150.00
-4.296	190.903	-150.00	-4.000	191.347	-2.00	1689+0.000	191.427	190.944	0.483	4.000	191.347	-2.00	4.242	190.984	-150.00
-4.247	191.240	-150.00	-4.000	191.610	-2.00	1690+0.000	191.690	191.328	0.362	4.000	191.610	-2.00	4.201	191.309	-150.00
-4.303	190.931	-150.00	-4.000	191.386	-2.00	1691+0.000	191.466	191.064	0.402	4.000	191.386	-2.00	4.130	191.192	-150.00
-4.309	190.537	-150.00	-4.000	191.001	-2.00	1692+0.000	191.081	190.660	0.421	4.000	191.001	-2.00	4.150	190.776	-150.00
-4.421	189.655	-150.00	-4.000	190.286	-2.00	1693+0.000	190.366	189.867	0.498	4.000	190.286	-2.00	4.156	190.052	-150.00
-4.487	188.684	-150.00	-4.000	189.414	-2.00	1694+0.000	189.494	188.968	0.527	4.000	189.414	-2.00	4.139	189.206	-150.00
-4.497	187.797	-150.00	-4.000	188.543	-2.00	1695+0.000	188.623	188.200	0.423	4.000	188.543	-2.00	4.034	188.492	-150.00
-4.475	187.062	-150.00	-4.000	187.775	-2.00	1696+0.000	187.855	187.492	0.363	4.000	187.775	-2.00	4.069	187.821	66.67
-4.453	186.682	-150.00	-4.000	187.361	-2.00	1697+0.000	187.441	187.040	0.401	4.000	187.361	-2.00	4.007	187.351	-150.00
-4.452	186.304	-150.00	-4.000	186.982	-2.00	1698+0.000	187.062	186.664	0.398	4.000	186.982	-2.00	4.008	186.988	66.67
-4.428	185.763	-150.00	-4.000	186.405	-2.00	1699+0.000	186.485	186.138	0.347	4.000	186.405	-2.00	4.027	186.423	66.67
-4.536	184.728	-150.00	-4.000	185.532	-2.00	1700+0.000	185.612	184.976	0.636	4.000	185.532	-2.00	4.188	185.250	-150.00
-4.425	184.484	-150.00	-4.000	185.121	-2.00	1701+0.000	185.201	184.739	0.462	4.000	185.121	-2.00	4.043	185.056	-150.00
-4.425	184.258	-150.00	-4.000	184.895	-2.00	1702+0.000	184.975	184.538	0.437	4.000	184.895	-2.00	4.024	184.859	-150.00
-4.396	184.074	-150.00	-4.000	184.669	-2.00	1703+0.000	184.749	184.353	0.396	4.000	184.669	-2.00	4.039	184.610	-150.00
-4.325	184.345	-150.00	-4.000	184.833	-2.00	1704+0.000	184.913	184.573	0.339	4.000	184.833	-2.00	4.025	184.795	-150.00
-4.319	184.677	-150.00	-4.000	185.156	-2.00	1705+0.000	185.236	184.891	0.345	4.000	185.156	-2.00	4.043	185.091	-150.00
-4.325	184.589	-150.00	-4.000	185.078	-2.00	1706+0.000	185.158	184.778	0.380	4.000	185.078	-2.00	4.082	184.955	-150.00
-4.279	184.314	-150.00	-4.000	184.733	-2.00	1707+0.000	184.813	184.455	0.358	4.000	184.733	-2.00	4.098	184.586	-150.00
-4.270	184.102	-150.00	-4.000	184.506	-2.00	1708+0.000	184.586	184.205	0.381	4.000	184.506	-2.00	4.134	184.306	-150.00
-4.273	183.930	-150.00	-4.000	184.340	-2.00	1709+0.000	184.420	184.062	0.358	4.000	184.340	-2.00	4.065	184.242	-150.00
-4.262	184.287	-150.00	-4.000	184.680	-2.00	1710+0.000	184.760	184.412	0.348	4.000	184.680	-2.00	4.099	184.532	-150.00
-4.196	184.876	-150.00	-4.000	185.170	-2.00	1711+0.000	185.250	185.015	0.235	4.000	185.170	-2.00	4.005	185.174	66.67
-4.181	185.905	-150.00	-4.000	186.177	-2.00	1712+0.000	186.257	186.018	0.239	4.000	186.177	-2.00	4.034	186.127	-150.00

Osvaldo Leôncio da Silva [illegible]
Diretor da Unidade de Programas
Projetos e Obras - DUPRO
Secretaria das Cidades

-4.228	187.052	-150.00	-4.000	187.395	-2.00	1713+0.000	187.475	187.223	0.251	4.000	187.395	-2.00	4.006	187.386	-150.00
-4.325	187.908	-150.00	-4.000	188.396	-2.00	1714+0.000	188.476	188.179	0.297	4.000	188.396	-2.00	4.050	188.321	-150.00
-4.343	188.390	-150.00	-4.000	188.905	-2.00	1715+0.000	188.985	188.676	0.308	4.000	188.905	-2.00	4.005	188.897	-150.00
-4.401	188.818	-150.00	-4.000	189.420	-2.00	1716+0.000	189.500	189.158	0.342	4.000	189.420	-2.00	4.078	189.472	66.67
-4.320	189.461	-150.00	-4.000	189.940	-2.00	1717+0.000	190.020	189.739	0.281	4.000	189.940	-2.00	4.081	189.994	66.67
-4.348	189.939	-150.00	-4.000	190.461	-2.00	1718+0.000	190.541	190.211	0.330	4.000	190.461	-2.00			
-4.258	190.742	-150.00	-4.000	191.129	-2.00	1719+0.000	191.209	190.912	0.297	4.000	191.129	-2.00	4.037	191.074	-150.00
-4.243	191.443	-150.00	-4.000	191.807	-2.00	1720+0.000	191.887	191.542	0.345	4.000	191.807	-2.00	4.137	191.602	-150.00
-4.265	191.713	-150.00	-4.000	192.110	-2.00	1721+0.000	192.190	191.797	0.393	4.000	192.110	-2.00	4.154	191.879	-150.00
-4.234	191.495	-150.00	-4.000	191.846	-2.00	1722+0.000	191.926	191.530	0.396	4.000	191.846	-2.00	4.176	191.582	-150.00
-4.299	191.102	-150.00	-4.000	191.550	-2.00	1723+0.000	191.630	191.166	0.464	4.000	191.550	-2.00	4.214	191.229	-150.00
-4.320	190.374	-150.00	-4.000	190.854	-2.00	1724+0.000	190.934	190.459	0.476	4.000	190.854	-2.00	4.178	190.588	-150.00
-4.362	189.507	-150.00	-4.000	190.049	-2.00	1725+0.000	190.129	189.674	0.455	4.000	190.049	-2.00	4.144	189.832	-150.00
-4.324	188.510	-150.00	-4.000	188.996	-2.00	1726+0.000	189.076	188.649	0.427	4.000	188.996	-2.00	4.136	188.792	-150.00
-4.283	187.519	-150.00	-4.000	187.943	-2.00	1727+0.000	188.023	187.625	0.398	4.000	187.943	-2.00	4.123	187.759	-150.00
-4.336	186.407	-150.00	-4.000	186.910	-2.00	1728+0.000	186.990	186.583	0.408	4.000	186.910	-2.00	4.108	186.749	-150.00
-4.378	185.488	-150.00	-4.000	186.055	-2.00	1729+0.000	186.135	185.753	0.382	4.000	186.055	-2.00	4.045	185.987	-150.00
-4.427	184.767	-150.00	-4.000	185.408	-2.00	1730+0.000	185.488	185.059	0.428	4.000	185.408	-2.00	4.054	185.327	-150.00
-4.402	184.366	-150.00	-4.000	184.969	-2.00	1731+0.000	185.049	184.669	0.380	4.000	184.969	-2.00			
-4.400	184.140	-150.00	-4.000	184.740	-2.00	1732+0.000	184.820	184.454	0.366	4.000	184.740	-2.00			
-4.404	184.113	-150.00	-4.000	184.719	-2.00	1733+0.000	184.799	184.414	0.384	4.000	184.719	-2.00	4.013	184.700	-150.00
-4.443	184.127	-150.00	-4.000	184.791	-2.00	1734+0.000	184.871	184.481	0.389	4.000	184.791	-2.00	4.017	184.802	66.67
-4.441	183.692	-150.00	-4.000	184.353	-2.00	1735+0.000	184.433	183.990	0.444	4.000	184.353	-2.00	4.061	184.262	-150.00
-4.349	183.107	-150.00	-4.000	183.630	-2.00	1736+0.000	183.710	183.306	0.404	4.000	183.630	-2.00	4.045	183.563	-150.00
-4.354	182.915	-150.00	-4.000	183.446	-2.00	1737+0.000	183.526	183.142	0.385	4.000	183.446	-2.00	4.024	183.410	-150.00
-4.361	183.020	-150.00	-4.000	183.561	-2.00	1738+0.000	183.641	183.289	0.352	4.000	183.561	-2.00	4.016	183.537	-150.00
-4.355	183.374	-150.00	-4.000	183.907	-2.00	1739+0.000	183.987	183.645	0.342	4.000	183.907	-2.00	4.009	183.894	-150.00
-4.294	183.908	-150.00	-4.000	184.349	-2.00	1740+0.000	184.429	184.141	0.288	4.000	184.349	-2.00	4.013	184.358	66.67
-4.348	184.203	-150.00	-4.000	184.724	-2.00	1741+0.000	184.804	184.448	0.356	4.000	184.724	-2.00	4.032	184.676	-150.00
-4.360	184.379	-150.00	-4.000	184.919	-2.00	1742+0.000	184.999	184.635	0.364	4.000	184.919	-2.00	4.007	184.908	-150.00
-4.395	184.423	-150.00	-4.000	185.015	-2.00	1743+0.000	185.095	184.730	0.365	4.000	185.015	-2.00			
-4.397	184.513	-150.00	-4.000	185.109	-2.00	1744+0.000	185.189	184.848	0.340	4.000	185.109	-2.00	4.075	185.159	66.67
-4.431	184.906	-150.00	-4.000	185.552	-2.00	1745+0.000	185.632	185.250	0.382	4.000	185.552	-2.00	4.040	185.579	66.67
-4.443	185.338	-150.00	-4.000	186.002	-2.00	1746+0.000	186.082	185.714	0.368	4.000	186.002	-2.00	4.087	186.060	66.67
-4.345	185.883	-150.00	-4.000	186.401	-2.00	1747+0.000	186.481	186.150	0.331	4.000	186.401	-2.00			
-4.303	185.929	-150.00	-4.000	186.383	-2.00	1748+0.000	186.463	186.121	0.342	4.000	186.383	-2.00	4.054	186.302	-150.00
-4.332	186.074	-150.00	-4.000	186.572	-2.00	1749+0.000	186.652	186.278	0.374	4.000	186.572	-2.00	4.089	186.438	-150.00
-4.427	185.905	-150.00	-4.000	186.545	-2.00	1750+0.000	186.625	186.097	0.528	4.000	186.545	-2.00	4.177	186.279	-150.00
-4.322	186.035	-150.00	-4.000	186.518	-2.00	1751+0.000	186.598	186.242	0.357	4.000	186.518	-2.00	4.060	186.428	-150.00
-4.232	186.143	-150.00	-4.000	186.492	-2.00	1752+0.000	186.572	186.266	0.306	4.000	186.492	-2.00	4.082	186.369	-150.00
-4.213	186.193	-150.00	-4.000	186.513	-2.00	1753+0.000	186.593	186.260	0.333	4.000	186.513	-2.00	4.109	186.349	-150.00
-4.224	186.565	-150.00	-4.000	186.900	-2.00	1754+0.000	186.980	186.632	0.348	4.000	186.900	-2.00	4.135	186.698	-150.00
-4.267	186.413	-150.00	-4.000	186.814	-2.00	1755+0.000	186.894	186.496	0.398	4.000	186.814	-2.00	4.159	186.576	-150.00
-4.255	186.243	-150.00	-4.000	186.625	-2.00	1756+0.000	186.705	186.335	0.370	4.000	186.625	-2.00	4.133	186.425	-150.00
-4.232	186.169	-150.00	-4.000	186.517	-2.00	1757+0.000	186.597	186.221	0.376	4.000	186.517	-2.00	4.163	186.272	-150.00
-4.266	185.633	-150.00	-4.000	186.033	-2.00	1758+0.000	186.113	185.704	0.408	4.000	186.033	-2.00	4.128	185.840	-150.00
-4.234	185.359	-150.00	-4.000	185.710	-2.00	1759+0.000	185.790	185.490	0.301	4.000	185.710	-2.00	4.064	185.615	-150.00
-4.306	184.911	-150.00	-4.000	185.370	-2.00	1760+0.000	185.450	185.036	0.414	4.000	185.370	-2.00	4.142	185.158	-150.00
-4.339	184.178	-150.00	-4.000	184.686	-2.00	1761+0.000	184.766	184.319	0.448	4.000	184.686	-2.00	4.179	184.418	-150.00
-4.460	182.732	-150.00	-4.000	183.422	-2.00	1762+0.000	183.502	183.019	0.483	4.000	183.422	-2.00	4.094	183.282	-150.00
-4.477	181.467	-150.00	-4.000	182.183	-2.00	1763+0.000	182.263	181.868	0.395	4.000	182.183	-2.00	4.075	182.233	66.67
-4.331	180.870	-150.00	-4.000	181.366	-2.00	1764+0.000	181.446	181.143	0.303	4.000	181.366	-2.00	4.047	181.398	66.67
-4.504	180.795	-150.00	-4.000	181.550	-2.00	1765+0.000	181.630	181.269	0.361	4.000	181.550	-2.00	4.250	181.717	66.67
-4.419	181.446	-150.00	-4.000	182.074	-2.00	1766+0.000	182.154	181.854	0.300	4.000	182.074	-2.00	4.355	182.310	66.67
-4.402	182.359	-150.00	-4.000	182.962	-2.00	1767+0.000	183.042	182.750	0.292	4.000	182.962	-2.00	4.254	183.131	66.67
-4.210	183.831	-150.00	-4.000	184.147	-2.00	1768+0.000	184.227	184.064	0.163	4.000	184.147	-2.00	4.227	184.298	66.67
-4.254	185.149	-150.00	-4.000	185.529	-2.00	1769+0.000	185.609	185.309	0.300	4.000	185.529	-2.00	4.045	185.461	-150.00
-4.300	185.970	-150.00	-4.000	186.420	-2.00	1770+0.000	186.500	186.103	0.397	4.000	186.420	-2.00	4.126	186.230	-150.00
-4.365	185.670	-150.00	-4.000	186.218	-2.00	1771+0.000	186.298	185.857	0.441	4.000	186.218	-2.00	4.123	186.034	-150.00
-4.317	185.155	-150.00	-4.000	185.631	-2.00	1772+0.000	185.711	185.389	0.322	4.000	185.631	-2.00	4.017	185.606	-150.00
-4.332	184.598	-150.00	-4.000	185.096	-2.00	1773+0.000	185.176	184.850	0.326	4.000	185.096	-2.00	4.009	185.083	-150.00
-4.262	184.696	-150.00	-4.000	185.089	-2.00	1774+0.000	185.169	184.876	0.293	4.000	185.089	-2.00	4.032	185.111	66.67
-4.355	185.112	-150.00	-4.000	185.644	-2.00	1775+0.000	185.724	185.367	0.356	4.000	185.644	-2.00	4.035	185.591	-150.00
-4.359	185.918	-150.00	-4.000	186.457	-2.00	1776+0.000	186.537	186.183	0.354	4.000	186.457	-2.00	4.028	186.415	-150.00
-4.291	186.886	-150.00	-4.000	187.324	-2.00	1777+0.000	187.404	187.104	0.299	4.000	187.324	-2.00	4.010	187.308	-150.00
-4.326	187.492	-150.00	-4.000	187.981	-2.00	1778+0.000	188.061	187.696	0.365	4.000	187.981	-2.00	4.062	187.887	-150.00
-4.233	187.992	-150.00	-4.000	188.341	-2.00	1779+0.000	188.421	188.128	0.293	4.000	188.341	-2.00	4.058	188.254	-150.00
-4.283	188.362	-150.00	-4.000	188.787	-2.00	1780+0.000	188.867	188.436	0.431	4.000	188.787	-2.00	4.201	188.486	-150.00
-4.298	188.480	-150.00	-4.000	188.926	-2.00	1781+0.000	189.006	188.522	0.485	4.000	188.926	-2.00	4.242	188.563	-150.00
-4.188	188.461	-150.00	-4.000	188.744	-2.00	1782+0.000	188.824	188.469	0.355	4.000	188.744	-2.00	4.213	188.425	-150.00
-4.164	187.993	-150.00	-4.000	188.240	-2.00	1783+0.000	188.320	187.933	0.387	4.000	188.240	-2.00	4.245	187.872	-150.00
-4.183	187.139	-150.00	-4.000	187.413	-2.00	1784+0.000	187.493	187.187	0.306	4.000	187.413	-2.00	4.120	187.234	-150.00
-4.230	186.046	-150.00	-4.000	186.391	-2.00	1785+0.000	186.471	186.064	0.407	4.000	186.391	-2.00	4.173	186.131	-150.00
-4.372	184.840	-150.00	-4.000	185.398	-2.00	1786+0.000	185.478	185.049	0.429	4.000	185.398	-2.00	4.125	185.211	-150.00
-4.349	184.030	-150.00	-4.000	184.554	-2.00	1787+0.000	184.634	184.244	0.390	4.000	184.554	-2.00	4.100	184.404	-150.00
-4.374	183.316	-150.00	-4.000	183.877	-2.00	1788+0.000	183.957	183.578	0.379	4.000	183.877	-2.00	4.052	183.799	-150.00
-4.305	183.351	-150.00	-4.000	183.808	-2.00	1789+0.000	183.888	183.536	0.352	4.000	183.808	-2.00	4.065	183.711	-150.00
-4.341	183.376	-150.00	-4.000	183.887	-2.00	1790+0.000	183.967	183.652	0.315	4.000	183.887	-2.00	4.030	183.907	66.67
-4.305	184.126	-150.00	-4.000	184.584	-2.00	1791+0.000	184.664	184.312	0.352	4.000	184.584	-2.00	4.064	184.488	-150.00
-4.274	184.874	-150.00	-4.000	185.285	-2.00	1792+0.000	185.365	185.010	0.354	4.000	185.285	-2.00	4.096	185.141	-150.00
-4.265	185.589	-150.00	-4.000	185.986	-2.00	1793+0.000	186.066	185.718	0.348	4.000	185.986	-2.00	4.098	185.839	-150.00
-4.247	186.292	-150.00	-4.000	186.662	-2.00	1794+0.000	186.742	186.423	0.319	4.000	186.662	-2.00	4.075	186.549	-150.00
-4.216	187.104	-150.00	-4.000	187.428	-2.00	1795+0.000	187.508	187.208	0.300	4.000	187.428	-2.00	4.080	187.309	-150.00
-4.244	187.918	-150.00	-4.000	188.284	-2.00	1796+0.000	188.364	188.046	0.318	4.000	188.284	-2.00	4.101	188.133	-150.00
-4.271	188.557	-150.00	-4.000	188.964	-2.00	1797+0.000	189.044	188.703	0.340	4.000	188.964	-2.00	4.080	188.843	-150.00
-4.240	189.059	-150.00	-4.000	189.419	-2.00	1798+0.000	189.499	189.169	0.329	4.000	189.419	-2.00	4.095	189.275	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades

-4.278	189.432	-150.00	-4.000	189.849	-2.00	1799+0.000	189.929	189.599	0.330	4.000	189.849	-2.00	4.062	189.757	-150.00
-4.272	189.557	-150.00	-4.000	189.965	-2.00	1800+0.000	190.045	189.666	0.379	4.000	189.965	-2.00	4.129	189.772	-150.00
-4.281	189.523	-150.00	-4.000	189.944	-2.00	1801+0.000	190.024	189.647	0.377	4.000	189.944	-2.00	4.119	189.767	-150.00
-4.255	189.399	-150.00	-4.000	189.782	-2.00	1802+0.000	189.862	189.496	0.365	4.000	189.782	-2.00	4.127	189.591	-150.00
-4.296	189.131	-150.00	-4.000	189.575	-2.00	1803+0.000	189.655	189.253	0.401	4.000	189.575	-2.00	4.136	189.371	-150.00
-4.272	188.732	-150.00	-4.000	189.140	-2.00	1804+0.000	189.220	188.803	0.417	4.000	189.140	-2.00	4.167	188.890	-150.00
-4.166	188.442	-150.00	-4.000	188.692	-2.00	1805+0.000	188.772	188.399	0.372	4.000	188.692	-2.00	4.211	188.375	-150.00
-4.176	188.217	-150.00	-4.000	188.482	-2.00	1806+0.000	188.562	188.201	0.360	4.000	188.482	-2.00	4.198	188.185	-150.00
-4.171	188.040	-150.00	-4.000	188.296	-2.00	1807+0.000	188.376	187.985	0.391	4.000	188.296	-2.00	4.245	187.930	-150.00
-4.183	187.956	-150.00	-4.000	188.231	-2.00	1808+0.000	188.311	187.884	0.427	4.000	188.231	-2.00	4.281	187.810	-150.00
-4.135	187.965	-150.00	-4.000	188.168	-2.00	1809+0.000	188.248	187.886	0.361	4.000	188.168	-2.00	4.241	187.806	-150.00
-4.124	188.129	-150.00	-4.000	188.315	-2.00	1810+0.000	188.395	188.039	0.356	4.000	188.315	-2.00	4.243	187.950	-150.00
-4.142	188.277	-150.00	-4.000	188.490	-2.00	1811+0.000	188.570	188.202	0.369	4.000	188.490	-2.00	4.253	188.111	-150.00
-4.205	188.169	-150.00	-4.000	188.476	-2.00	1812+0.000	188.556	188.100	0.456	4.000	188.476	-2.00	4.302	188.023	-150.00
-4.220	187.935	-150.00	-4.000	188.264	-2.00	1813+0.000	188.344	187.910	0.435	4.000	188.264	-2.00	4.322	187.782	-150.00
-4.219	187.039	-150.00	-4.000	187.368	-2.00	1814+0.000	187.448	187.012	0.436	4.000	187.368	-2.00	4.268	186.966	-150.00
-4.160	186.131	-150.00	-4.000	186.372	-2.00	1815+0.000	186.452	186.098	0.354	4.000	186.372	-2.00	4.216	186.048	-150.00
-4.153	185.277	-150.00	-4.000	185.506	-2.00	1816+0.000	185.586	185.192	0.394	4.000	185.506	-2.00	4.268	185.104	-150.00
-4.159	184.968	-150.00	-4.000	185.206	-2.00	1817+0.000	185.286	184.925	0.361	4.000	185.206	-2.00	4.216	184.882	-150.00
-4.178	184.962	-150.00	-4.000	185.230	-2.00	1818+0.000	185.310	184.959	0.350	4.000	185.230	-2.00	4.209	184.916	-150.00
-4.240	185.172	-150.00	-4.000	185.532	-2.00	1819+0.000	185.612	185.305	0.307	4.000	185.532	-2.00	4.043	185.467	-150.00
-4.356	185.840	-150.00	-4.000	186.373	-2.00	1820+0.000	186.453	186.035	0.418	4.000	186.373	-2.00	4.103	186.219	-150.00
-4.245	187.024	-150.00	-4.000	187.390	-2.00	1821+0.000	187.470	187.200	0.270	4.000	187.390	-2.00	4.010	187.376	-150.00
-4.300	188.296	-150.00	-4.000	188.745	-2.00	1822+0.000	188.825	188.490	0.335	4.000	188.745	-2.00	4.048	188.673	-150.00
-4.241	189.395	-150.00	-4.000	189.756	-2.00	1823+0.000	189.836	189.563	0.273	4.000	189.756	-2.00	4.022	189.723	-150.00
-4.305	189.881	-150.00	-4.000	190.338	-2.00	1824+0.000	190.418	190.090	0.328	4.000	190.338	-2.00	4.079	190.220	-150.00
-4.277	190.077	-150.00	-4.000	190.492	-2.00	1825+0.000	190.572	190.208	0.364	4.000	190.492	-2.00	4.091	190.356	-150.00
-4.352	189.688	-150.00	-4.000	190.217	-2.00	1826+0.000	190.297	189.761	0.536	4.000	190.217	-2.00	4.256	189.832	-150.00
-4.292	189.076	-150.00	-4.000	189.515	-2.00	1827+0.000	189.595	189.218	0.377	4.000	189.515	-2.00	4.107	189.354	-150.00
-4.380	188.060	-150.00	-4.000	188.630	-2.00	1828+0.000	188.710	188.277	0.433	4.000	188.630	-2.00	4.100	188.480	-150.00
-4.414	187.225	-150.00	-4.000	187.846	-2.00	1829+0.000	187.926	187.509	0.417	4.000	187.846	-2.00	4.067	187.745	-150.00
-4.383	186.755	-150.00	-4.000	187.330	-2.00	1830+0.000	187.410	187.061	0.349	4.000	187.330	-2.00	4.006	187.321	-150.00
-4.386	186.668	-150.00	-4.000	187.246	-2.00	1831+0.000	187.326	186.956	0.371	4.000	187.246	-2.00	4.018	187.219	-150.00
-4.373	186.909	-150.00	-4.000	187.469	-2.00	1832+0.000	187.549	187.191	0.358	4.000	187.469	-2.00	4.013	187.450	-150.00
-4.340	187.352	-150.00	-4.000	187.862	-2.00	1833+0.000	187.942	187.601	0.340	4.000	187.862	-2.00	4.033	187.812	-150.00
-4.324	187.786	-150.00	-4.000	188.272	-2.00	1834+0.000	188.352	187.996	0.356	4.000	188.272	-2.00	4.075	188.160	-150.00
-4.312	188.116	-150.00	-4.000	188.584	-2.00	1835+0.000	188.664	188.246	0.418	4.000	188.584	-2.00	4.132	188.386	-150.00
-4.283	188.416	-150.00	-4.000	188.841	-2.00	1836+0.000	188.921	188.533	0.388	4.000	188.841	-2.00	4.123	188.656	-150.00
-4.215	188.715	-150.00	-4.000	189.038	-2.00	1837+0.000	189.118	188.750	0.367	4.000	189.038	-2.00	4.162	188.795	-150.00
-4.205	188.736	-150.00	-4.000	189.043	-2.00	1838+0.000	189.123	188.770	0.352	4.000	189.043	-2.00	4.159	188.805	-150.00
-4.173	188.979	-150.00	-4.000	189.239	-2.00	1839+0.000	189.319	188.973	0.346	4.000	189.239	-2.00	4.185	188.961	-150.00
-4.222	189.170	-150.00	-4.000	189.503	-2.00	1840+0.000	189.583	189.223	0.360	4.000	189.503	-2.00	4.122	189.320	-150.00
-4.299	189.260	-150.00	-4.000	189.709	-2.00	1841+0.000	189.789	189.436	0.353	4.000	189.709	-2.00	4.071	189.603	-150.00
-4.318	189.307	-150.00	-4.000	189.784	-2.00	1842+0.000	189.864	189.492	0.372	4.000	189.784	-2.00	4.078	189.666	-150.00
-4.344	189.222	-150.00	-4.000	189.738	-2.00	1843+0.000	189.818	189.412	0.406	4.000	189.738	-2.00	4.094	189.597	-150.00
-4.303	188.975	-150.00	-4.000	189.429	-2.00	1844+0.000	189.509	189.160	0.348	4.000	189.429	-2.00	4.062	189.335	-150.00
-4.366	188.572	-150.00	-4.000	189.120	-2.00	1845+0.000	189.200	188.812	0.388	4.000	189.120	-2.00	4.056	189.036	-150.00
-4.354	188.400	-150.00	-4.000	188.932	-2.00	1846+0.000	189.012	188.643	0.369	4.000	188.932	-2.00	4.035	188.879	-150.00
-4.309	188.740	-150.00	-4.000	189.203	-2.00	1847+0.000	189.283	188.949	0.335	4.000	189.203	-2.00	4.039	189.145	-150.00
-4.294	189.246	-150.00	-4.000	189.687	-2.00	1848+0.000	189.767	189.425	0.341	4.000	189.687	-2.00	4.061	189.595	-150.00
-4.310	189.705	-150.00	-4.000	190.170	-2.00	1849+0.000	190.250	189.793	0.457	4.000	190.170	-2.00	4.136	189.966	-150.00
-4.193	190.369	-150.00	-4.000	190.659	-2.00	1850+0.000	190.739	190.397	0.341	4.000	190.659	-2.00	4.155	190.427	-150.00
-4.200	190.872	-150.00	-4.000	191.172	-2.00	1851+0.000	191.252	190.896	0.356	4.000	191.172	-2.00	4.167	190.921	-150.00
-4.152	191.474	-150.00	-4.000	191.701	-2.00	1852+0.000	191.781	191.446	0.335	4.000	191.701	-2.00	4.147	191.480	-150.00
-4.143	192.239	-150.00	-4.000	192.453	-2.00	1853+0.000	192.533	192.210	0.323	4.000	192.453	-2.00	4.182	192.181	-150.00
-4.125	192.899	-150.00	-4.000	193.087	-2.00	1854+0.000	193.167	192.910	0.257	4.000	193.087	-2.00	4.110	192.921	-150.00
-4.130	193.070	-150.00	-4.000	193.266	-2.00	1855+0.000	193.346	192.974	0.372	4.000	193.266	-2.00	4.186	192.987	-150.00
-4.138	193.303	-150.00	-4.000	193.510	-2.00	1856+0.000	193.590	193.214	0.376	4.000	193.510	-2.00	4.258	193.123	-150.00
-4.163	193.521	-150.00	-4.000	193.765	-2.00	1857+0.000	193.845	193.431	0.415	4.000	193.765	-2.00	4.289	193.332	-150.00
-4.109	193.858	-150.00	-4.000	194.021	-2.00	1858+0.000	194.101	193.760	0.340	4.000	194.021	-2.00	4.241	193.659	-150.00
-4.131	194.514	-150.00	-4.000	194.710	-2.00	1859+0.000	194.790	194.480	0.311	4.000	194.710	-2.00	4.173	194.450	-150.00
-4.102	195.640	-150.00	-4.000	195.792	-2.00	1860+0.000	195.872	195.606	0.266	4.000	195.792	-2.00	4.147	195.572	-150.00
-4.009	196.980	-150.00	-4.000	196.994	-2.00	1861+0.000	197.074	196.816	0.258	4.000	196.994	-2.00	4.176	196.731	-150.00
-4.040	198.578	-150.00	-4.000	198.638	-2.00	1862+0.000	198.718	198.460	0.259	4.000	198.638	-2.00	4.201	198.336	-150.00
-4.011	200.429	-150.00	-4.000	200.446	-2.00	1863+0.000	200.526	200.312	0.214	4.000	200.446	-2.00	4.170	200.190	-150.00
-4.009	202.663	-150.00	-4.000	202.676	-2.00	1864+0.000	202.756	202.605	0.151	4.000	202.676	-2.00	4.087	202.546	-150.00
-4.044	204.950	66.67	-4.000	204.921	-2.00	1865+0.000	205.001	204.746	0.255	4.000	204.921	-2.00	4.268	204.519	-150.00
-4.283	206.541	66.67	-4.000	206.353	-2.00	1866+0.000	206.433	206.191	0.242	4.000	206.353	-2.00	4.345	205.835	-150.00
-4.229	207.595	66.67	-4.000	207.442	-2.00	1867+0.000	207.522	207.165	0.357	4.000	207.442	-2.00	4.488	206.710	-150.00
-4.305	208.660	66.67	-4.000	208.456	-2.00	1868+0.000	208.536	208.203	0.334	4.000	208.456	-2.00	4.518	207.679	-150.00
-4.300	209.564	66.67	-4.000	209.364	-2.00	1869+0.000	209.444	209.123	0.321	4.000	209.364	-2.00	4.466	208.665	-150.00
-4.334	210.704	66.67	-4.000	210.481	-2.00	1870+0.000	210.561	210.334	0.228	4.000	210.481	-2.00	4.349	209.958	-150.00
-4.171	211.975	66.67	-4.000	211.861	-2.00	1871+0.000	211.941	211.662	0.279	4.000	211.861	-2.00	4.351	211.335	-150.00
-4.024	213.376	66.67	-4.000	213.360	-2.00	1872+0.000	213.440	213.164	0.276	4.000	213.360	-2.00	4.281	212.939	-150.00
-4.021	214.629	-150.00	-4.000	214.660	-2.00	1873+0.000	214.740	214.466	0.275	4.000	214.660	-2.00	4.246	214.292	-150.00
-4.109	215.416	-150.00	-4.000	215.580	-2.00	1874+0.000	215.660	215.324	0.336	4.000	215.580	-2.00	4.233	215.230	-150.00
-4.118	216.113	-150.00	-4.000	216.289	-2.00	1875+0.000	216.369	216.008	0.362	4.000	216.289	-2.00	4.255	215.908	-150.00
-4.065	216.485	-150.00	-4.000	216.582	-2.00	1876+0.000	216.662	216.396	0.266	4.000	216.582	-2.00	4.185	216.304	-150.00
-4.118	216.698	-150.00	-4.000	216.875	-2.00	1877+0.000	216.955	216.623	0.332	4.000	216.875	-2.00	4.219	216.547	-150.00
-4.137	217.022	-150.00	-4.000	217.227	-2.00	1878+0.000	217.307	216.965	0.342	4.000	217.227	-2.00	4.213	216.908	-150.00
-4.120	217.745	-150.00	-4.000	217.926	-2.00	1879+0.000	218.006	217.659	0.346	4.000	217.926	-2.00	4.236	217.571	-150.00
-4.105	218.224	-150.00	-4.000	218.381	-2.00	1880+0.000	218.461	218.102	0.359	4.000	218.381	-2.00	4.273	217.971	-150.00
-4.148	218.418	-150.00	-4.000	218.641	-2.00	1881+0.000	218.721	218.330	0.390	4.000	218.641	-2.00	4.289	218.208	-150.00
-4.127	218.302	-150.00	-4.000	218.492	-2.00	1882+0.000	218.572	218.164	0.409	4.000	218.492	-2.00	4.310	218.028	-150.00
-4.147	217.721	-150.00	-4.000	217.941	-2.00	1883+0.000	218.021	217.558	0.464	4.000	217.941	-2.00	4.371	217.385	-150.00
-4.100	216.858	-150.00	-4.000	217.008	-2.00	1884+0.000	217.088	216.662	0.426	4.000	217.008	-2.00	4.374	216.447	-150.00

Osvaldo Leôncio da Si... Filho
Diretor da Unidade de Progr...as
Projetos e Obras - DUPO
Secretaria das Cidade...

-4.040	215.823	-150.00	-4.000	215.884	-2.00	1885+0.000	215.964	215.584	0.380	4.000	215.884	-2.00	4.373	215.325	-150.00
-4.038	214.540	-150.00	-4.000	214.597	-2.00	1886+0.000	214.677	214.289	0.388	4.000	214.597	-2.00	4.387	214.017	-150.00
-4.049	213.052	-150.00	-4.000	213.126	-2.00	1887+0.000	213.206	212.742	0.464	4.000	213.126	-2.00	4.485	212.398	-150.00
-4.037	211.883	-150.00	-4.000	211.939	-2.00	1888+0.000	212.019	211.664	0.354	4.000	211.939	-2.00	4.340	211.429	-150.00
-4.097	210.671	-150.00	-4.000	210.817	-2.00	1889+0.000	210.897	210.435	0.462	4.000	210.817	-2.00	4.414	210.196	-150.00
-4.015	209.568	66.67	-4.000	209.558	-2.00	1890+0.000	209.638	209.184	0.453	4.000	209.558	-2.00	4.404	208.952	-150.00
-4.106	208.734	66.67	-4.000	208.663	-2.00	1891+0.000	208.743	208.350	0.394	4.000	208.663	-2.00	4.449	207.990	-150.00
-4.010	207.935	66.67	-4.000	207.929	-2.00	1892+0.000	208.009	207.627	0.382	4.000	207.929	-2.00	4.429	207.285	-150.00
-4.145	207.772	66.67	-4.000	207.675	-2.00	1893+0.000	207.755	207.529	0.226	4.000	207.675	-2.00	4.293	207.235	-150.00
-4.062	207.462	-150.00	-4.000	207.555	-2.00	1894+0.000	207.635	207.234	0.402	4.000	207.555	-2.00	4.378	206.988	-150.00
-4.181	207.178	-150.00	-4.000	207.450	-2.00	1895+0.000	207.530	206.997	0.533	4.000	207.450	-2.00	4.431	206.804	-150.00
-4.110	207.182	-150.00	-4.000	207.347	-2.00	1896+0.000	207.427	207.035	0.391	4.000	207.347	-2.00	4.310	206.882	-150.00
-4.114	206.832	-150.00	-4.000	207.002	-2.00	1897+0.000	207.082	206.653	0.430	4.000	207.002	-2.00	4.359	206.463	-150.00
			-4.000	206.339	-2.00	1898+0.000	206.419	206.017	0.402	4.000	206.339	-2.00	4.212	206.021	-150.00
-4.239	205.318	-150.00	-4.000	205.676	-2.00	1899+0.000	205.756	205.352	0.404	4.000	205.676	-2.00	4.193	205.385	-150.00
-4.269	204.749	-150.00	-4.000	205.153	-2.00	1900+0.000	205.233	204.876	0.356	4.000	205.153	-2.00	4.103	204.998	-150.00
-4.312	204.414	-150.00	-4.000	204.881	-2.00	1901+0.000	204.961	204.590	0.372	4.000	204.881	-2.00	4.084	204.756	-150.00
-4.372	203.902	-150.00	-4.000	204.460	-2.00	1902+0.000	204.540	204.137	0.403	4.000	204.460	-2.00	4.045	204.394	-150.00
-4.344	203.457	-150.00	-4.000	203.973	-2.00	1903+0.000	204.053	203.716	0.337	4.000	203.973	-2.00	4.012	203.955	-150.00
-4.475	202.646	-150.00	-4.000	203.358	-2.00	1904+0.000	203.438	203.007	0.431	4.000	203.358	-2.00	4.018	203.331	-150.00
-4.482	201.900	-150.00	-4.000	202.624	-2.00	1905+0.000	202.704	202.253	0.451	4.000	202.624	-2.00	4.036	202.570	-150.00
-4.507	201.049	-150.00	-4.000	201.810	-2.00	1906+0.000	201.890	201.433	0.457	4.000	201.810	-2.00	4.022	201.776	-150.00
-4.515	199.930	-150.00	-4.000	200.702	-2.00	1907+0.000	200.782	200.319	0.464	4.000	200.702	-2.00	4.025	200.665	-150.00
-4.522	198.875	-150.00	-4.000	199.658	-2.00	1908+0.000	199.738	199.313	0.426	4.000	199.658	-2.00	4.072	199.707	66.67
-4.487	198.098	-150.00	-4.000	198.828	-2.00	1909+0.000	198.908	198.485	0.423	4.000	198.828	-2.00	4.032	198.850	66.67
-4.474	197.614	-150.00	-4.000	198.324	-2.00	1910+0.000	198.404	197.963	0.441	4.000	198.324	-2.00	4.030	198.279	-150.00
-4.521	196.659	-150.00	-4.000	197.440	-2.00	1911+0.000	197.520	197.039	0.481	4.000	197.440	-2.00	4.040	197.380	-150.00
-4.352	195.511	-150.00	-4.000	196.038	-2.00	1912+0.000	196.118	195.608	0.511	4.000	196.038	-2.00	4.228	195.696	-150.00
-4.288	193.948	-150.00	-4.000	194.380	-2.00	1913+0.000	194.460	194.011	0.450	4.000	194.380	-2.00	4.206	194.072	-150.00
-4.314	192.308	-150.00	-4.000	192.779	-2.00	1914+0.000	192.859	192.369	0.490	4.000	192.779	-2.00	4.229	192.435	-150.00
-4.316	190.688	-150.00	-4.000	191.163	-2.00	1915+0.000	191.243	190.888	0.355	4.000	191.163	-2.00	4.058	191.075	-150.00
-4.347	189.282	-150.00	-4.000	189.802	-2.00	1916+0.000	189.882	189.397	0.485	4.000	189.802	-2.00	4.135	189.600	-150.00
-4.296	188.270	-150.00	-4.000	188.715	-2.00	1917+0.000	188.795	188.368	0.426	4.000	188.715	-2.00	4.168	188.463	-150.00
-4.307	187.438	-150.00	-4.000	187.899	-2.00	1918+0.000	187.979	187.563	0.416	4.000	187.899	-2.00	4.144	187.683	-150.00
-4.174	187.096	-150.00	-4.000	187.357	-2.00	1919+0.000	187.437	187.073	0.363	4.000	187.357	-2.00	4.203	187.053	-150.00
-4.220	186.757	-150.00	-4.000	187.087	-2.00	1920+0.000	187.167	186.778	0.389	4.000	187.087	-2.00	4.159	186.849	-150.00
-4.251	186.679	-150.00	-4.000	187.055	-2.00	1921+0.000	187.135	186.751	0.384	4.000	187.055	-2.00	4.156	186.821	-150.00
-4.461	186.135	-150.00	-4.000	186.826	-2.00	1922+0.000	186.906	186.370	0.537	4.000	186.826	-2.00	4.159	186.588	-150.00
-4.386	186.002	-150.00	-4.000	186.581	-2.00	1923+0.000	186.661	186.269	0.392	4.000	186.581	-2.00	4.043	186.516	-150.00
-4.333	186.208	-150.00	-4.000	186.706	-2.00	1924+0.000	186.786	186.468	0.318	4.000	186.706	-2.00			
-4.331	186.721	-150.00	-4.000	187.218	-2.00	1925+0.000	187.298	186.977	0.321	4.000	187.218	-2.00			
-4.366	187.380	-150.00	-4.000	187.928	-2.00	1926+0.000	188.008	187.650	0.359	4.000	187.928	-2.00	4.041	187.867	-150.00
-4.283	188.258	-150.00	-4.000	188.682	-2.00	1927+0.000	188.762	188.408	0.354	4.000	188.682	-2.00	4.088	188.551	-150.00
-4.203	189.132	-150.00	-4.000	189.436	-2.00	1928+0.000	189.516	189.202	0.315	4.000	189.436	-2.00	4.111	189.270	-150.00
-4.250	189.657	-150.00	-4.000	190.032	-2.00	1929+0.000	190.112	189.754	0.358	4.000	190.032	-2.00	4.122	189.849	-150.00
-4.172	190.263	-150.00	-4.000	190.520	-2.00	1930+0.000	190.600	190.271	0.329	4.000	190.520	-2.00	4.150	190.296	-150.00
-4.211	190.607	-150.00	-4.000	190.923	-2.00	1931+0.000	191.003	190.644	0.360	4.000	190.923	-2.00	4.163	190.680	-150.00
-4.199	191.022	-150.00	-4.000	191.321	-2.00	1932+0.000	191.401	191.047	0.354	4.000	191.321	-2.00	4.161	191.079	-150.00
-4.113	191.636	-150.00	-4.000	191.806	-2.00	1933+0.000	191.886	191.581	0.305	4.000	191.806	-2.00	4.188	191.524	-150.00
-4.083	192.260	-150.00	-4.000	192.385	-2.00	1934+0.000	192.465	192.198	0.268	4.000	192.385	-2.00	4.168	192.133	-150.00
-4.058	192.878	-150.00	-4.000	192.964	-2.00	1935+0.000	193.044	192.784	0.260	4.000	192.964	-2.00	4.161	192.723	-150.00
-4.040	193.484	-150.00	-4.000	193.544	-2.00	1936+0.000	193.624	193.317	0.307	4.000	193.544	-2.00	4.239	193.185	-150.00
-4.092	193.902	-150.00	-4.000	194.039	-2.00	1937+0.000	194.119	193.764	0.355	4.000	194.039	-2.00	4.278	193.621	-150.00
-4.136	194.337	-150.00	-4.000	194.541	-2.00	1938+0.000	194.621	194.306	0.315	4.000	194.541	-2.00	4.178	194.275	-150.00
-4.117	194.979	-150.00	-4.000	195.154	-2.00	1939+0.000	195.234	194.934	0.300	4.000	195.154	-2.00	4.177	194.888	-150.00
-4.088	195.686	-150.00	-4.000	195.819	-2.00	1940+0.000	195.899	195.614	0.285	4.000	195.819	-2.00	4.186	195.540	-150.00
-4.096	196.859	-150.00	-4.000	197.003	-2.00	1941+0.000	197.083	196.857	0.227	4.000	197.003	-2.00	4.057	196.917	-150.00
-4.040	198.752	-150.00	-4.000	198.812	-2.00	1942+0.000	198.892	198.700	0.193	4.000	198.812	-2.00	4.027	198.772	-150.00
-4.028	201.933	-150.00	-4.000	201.975	-2.00	1943+0.000	202.055	201.866	0.188	4.000	201.975	-2.00	4.118	201.798	-150.00
-4.232	204.508	-150.00	-4.000	204.856	-2.00	1944+0.000	204.936	204.819	0.117	4.000	204.856	-2.00	4.338	205.081	66.67
-4.428	207.000	-150.00	-4.000	207.642	-2.00	1945+0.000	207.722	207.498	0.224	4.000	207.642	-2.00	4.551	208.010	66.67
-4.258	210.047	-150.00	-4.000	210.434	-2.00	1946+0.000	210.514	210.364	0.149	4.000	210.434	-2.00	4.385	210.691	66.67
-4.132	213.685	-150.00	-4.000	213.883	-2.00	1947+0.000	213.963	213.845	0.118	4.000	213.883	-2.00	4.020	213.853	-150.00
-4.026	216.165	-150.00	-4.000	216.203	-2.00	1948+0.000	216.283	216.001	0.282	4.000	216.203	-2.00	4.171	215.947	-150.00
-4.037	217.946	-150.00	-4.000	218.001	-2.00	1949+0.000	218.081	217.762	0.320	4.000	218.001	-2.00	4.296	217.558	-150.00
-4.098	219.057	-150.00	-4.000	219.203	-2.00	1950+0.000	219.283	218.932	0.351	4.000	219.203	-2.00	4.271	218.796	-150.00
-4.119	219.277	-150.00	-4.000	219.456	-2.00	1951+0.000	219.536	219.136	0.401	4.000	219.456	-2.00	4.313	218.987	-150.00
-4.206	218.861	-150.00	-4.000	219.170	-2.00	1952+0.000	219.250	218.745	0.504	4.000	219.170	-2.00	4.345	218.653	-150.00
-4.187	217.776	-150.00	-4.000	218.057	-2.00	1953+0.000	218.137	217.719	0.418	4.000	218.057	-2.00	4.264	217.660	-150.00
-4.241	216.508	-150.00	-4.000	216.868	-2.00	1954+0.000	216.948	216.506	0.442	4.000	216.868	-2.00	4.242	216.505	-150.00
-4.213	215.307	-150.00	-4.000	215.627	-2.00	1955+0.000	215.707	215.339	0.369	4.000	215.627	-2.00	4.164	215.382	-150.00
-4.404	214.109	-150.00	-4.000	214.715	-2.00	1956+0.000	214.795	214.376	0.419	4.000	214.715	-2.00	4.061	214.622	-150.00
-4.323	214.147	-150.00	-4.000	214.631	-2.00	1957+0.000	214.711	214.270	0.441	4.000	214.631	-2.00	4.084	214.505	-150.00
-4.327	214.424	-150.00	-4.000	214.914	-2.00	1958+0.000	214.994	214.632	0.362	4.000	214.914	-2.00	4.058	214.827	-150.00
-4.322	214.711	-150.00	-4.000	215.194	-2.00	1959+0.000	215.274	214.933	0.341	4.000	215.194	-2.00	4.034	215.144	-150.00
-4.326	215.237	-150.00	-4.000	215.726	-2.00	1960+0.000	215.806	215.418	0.388	4.000	215.726	-2.00	4.109	215.563	-150.00
-4.305	215.878	-150.00	-4.000	216.335	-2.00	1961+0.000	216.415	215.992	0.424	4.000	216.335	-2.00	4.153	216.106	-150.00
-4.201	216.643	-150.00	-4.000	216.944	-2.00	1962+0.000	217.024	216.688	0.337	4.000	216.944	-2.00	4.147	216.724	-150.00
-4.197	217.014	-150.00	-4.000	217.310	-2.00	1963+0.000	217.390	217.064	0.326	4.000	217.310	-2.00	4.121	217.128	-150.00
-4.185	217.352	-150.00	-4.000	217.629	-2.00	1964+0.000	217.709	217.381	0.328	4.000	217.629	-2.00	4.133	217.430	-150.00
-4.193	217.659	-150.00	-4.000	217.949	-2.00	1965+0.000	218.029	217.691	0.338	4.000	217.949	-2.00	4.151	217.722	-150.00
-4.198	217.939	-150.00	-4.000	218.236	-2.00	1966+0.000	218.316	217.974	0.343	4.000	218.236	-2.00	4.159	217.998	-150.00
-4.219	218.185	-150.00	-4.000	218.512	-2.00	1967+0.000	218.592	218.212	0.380	4.000	218.512	-2.00	4.182	218.239	-150.00
-4.249	218.415	-150.00	-4.000	218.788	-2.00	1968+0.000	218.868	218.454	0.415	4.000	218.788	-2.00	4.202	218.485	-150.00
-4.236	218.606	-150.00	-4.000	218.959	-2.00	1969+0.000	219.039	218.619	0.420	4.000	218.959	-2.00	4.218	218.632	-150.00
-4.195	218.642	-150.00	-4.000	218.935	-2.00	1970+0.000	219.015	218.705	0.310	4.000	218.935	-2.00	4.144	218.719	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades

-4.298	218.268	-150.00	-4.000	218.715	-2.00	1971+0.000	218.795	218.382	0.413	4.000	218.715	-2.00	4.148	218.492	-150.00
-4.295	217.857	-150.00	-4.000	218.299	-2.00	1972+0.000	218.379	217.972	0.407	4.000	218.299	-2.00	4.144	218.083	-150.00
-4.322	217.268	-150.00	-4.000	217.751	-2.00	1973+0.000	217.831	217.412	0.419	4.000	217.751	-2.00	4.135	217.549	-150.00
-4.350	216.624	-150.00	-4.000	217.149	-2.00	1974+0.000	217.229	216.767	0.462	4.000	217.149	-2.00	4.163	216.905	-150.00
-4.336	216.044	-150.00	-4.000	216.547	-2.00	1975+0.000	216.627	216.173	0.454	4.000	216.547	-2.00	4.167	216.297	-150.00
-4.319	215.467	-150.00	-4.000	215.946	-2.00	1976+0.000	216.026	215.601	0.425	4.000	215.946	-2.00	4.144	215.729	-150.00
-4.252	215.166	-150.00	-4.000	215.544	-2.00	1977+0.000	215.624	215.252	0.372	4.000	215.544	-2.00	4.140	215.335	-150.00
-4.245	215.009	-150.00	-4.000	215.376	-2.00	1978+0.000	215.456	215.097	0.358	4.000	215.376	-2.00	4.113	215.206	-150.00
-4.255	215.011	-150.00	-4.000	215.394	-2.00	1979+0.000	215.474	215.116	0.359	4.000	215.394	-2.00	4.116	215.221	-150.00
-4.259	215.063	-150.00	-4.000	215.451	-2.00	1980+0.000	215.531	215.168	0.364	4.000	215.451	-2.00	4.120	215.271	-150.00
-4.224	215.172	-150.00	-4.000	215.507	-2.00	1981+0.000	215.587	215.273	0.314	4.000	215.507	-2.00	4.090	215.372	-150.00
-4.348	215.016	-150.00	-4.000	215.538	-2.00	1982+0.000	215.618	215.116	0.502	4.000	215.538	-2.00	4.216	215.214	-150.00
-4.265	215.116	-150.00	-4.000	215.514	-2.00	1983+0.000	215.594	215.140	0.454	4.000	215.514	-2.00	4.234	215.164	-150.00
-4.162	215.321	-150.00	-4.000	215.563	-2.00	1984+0.000	215.643	215.344	0.300	4.000	215.563	-2.00	4.131	215.367	-150.00
-4.168	215.418	-150.00	-4.000	215.670	-2.00	1985+0.000	215.750	215.463	0.287	4.000	215.670	-2.00	4.119	215.492	-150.00
-4.196	215.427	-150.00	-4.000	215.720	-2.00	1986+0.000	215.800	215.446	0.354	4.000	215.720	-2.00	4.170	215.466	-150.00
-4.236	215.280	-150.00	-4.000	215.634	-2.00	1987+0.000	215.714	215.326	0.388	4.000	215.634	-2.00	4.175	215.372	-150.00
-4.238	215.036	-150.00	-4.000	215.393	-2.00	1988+0.000	215.473	215.036	0.437	4.000	215.393	-2.00	4.238	215.037	-150.00
-4.206	214.789	-150.00	-4.000	215.097	-2.00	1989+0.000	215.177	214.754	0.424	4.000	215.097	-2.00	4.253	214.718	-150.00
-4.208	214.650	-150.00	-4.000	214.962	-2.00	1990+0.000	215.042	214.687	0.355	4.000	214.962	-2.00	4.159	214.723	-150.00
-4.242	214.812	-150.00	-4.000	215.175	-2.00	1991+0.000	215.255	214.845	0.410	4.000	215.175	-2.00	4.199	214.877	-150.00
-4.261	214.997	-150.00	-4.000	215.389	-2.00	1992+0.000	215.469	215.048	0.421	4.000	215.389	-2.00	4.194	215.097	-150.00
-4.237	215.247	-150.00	-4.000	215.602	-2.00	1993+0.000	215.682	215.307	0.375	4.000	215.602	-2.00	4.165	215.355	-150.00
-4.240	215.456	-150.00	-4.000	215.815	-2.00	1994+0.000	215.895	215.526	0.369	4.000	215.815	-2.00	4.147	215.595	-150.00
-4.233	215.680	-150.00	-4.000	216.029	-2.00	1995+0.000	216.109	215.751	0.358	4.000	216.029	-2.00	4.139	215.820	-150.00
-4.283	215.679	-150.00	-4.000	216.104	-2.00	1996+0.000	216.184	215.796	0.388	4.000	216.104	-2.00	4.130	215.909	-150.00
-4.334	215.368	-150.00	-4.000	215.869	-2.00	1997+0.000	215.949	215.510	0.438	4.000	215.869	-2.00	4.148	215.647	-150.00
-4.365	214.901	-150.00	-4.000	215.448	-2.00	1998+0.000	215.528	215.060	0.468	4.000	215.448	-2.00	4.161	215.206	-150.00
-4.358	214.491	-150.00	-4.000	215.027	-2.00	1999+0.000	215.107	214.669	0.438	4.000	215.027	-2.00	4.126	214.838	-150.00
-4.320	214.127	-150.00	-4.000	214.607	-2.00	2000+0.000	214.687	214.292	0.395	4.000	214.607	-2.00	4.102	214.454	-150.00
-4.263	214.180	-150.00	-4.000	214.575	-2.00	2001+0.000	214.655	214.308	0.347	4.000	214.575	-2.00	4.096	214.431	-150.00
-4.268	214.209	-150.00	-4.000	214.610	-2.00	2002+0.000	214.690	214.322	0.368	4.000	214.610	-2.00	4.110	214.446	-150.00
-4.272	214.192	-150.00	-4.000	214.600	-2.00	2003+0.000	214.680	214.285	0.395	4.000	214.600	-2.00	4.146	214.381	-150.00
-4.265	214.066	-150.00	-4.000	214.464	-2.00	2004+0.000	214.544	214.163	0.381	4.000	214.464	-2.00	4.137	214.258	-150.00
-4.271	213.776	-150.00	-4.000	214.183	-2.00	2005+0.000	214.263	213.844	0.418	4.000	214.183	-2.00	4.181	213.911	-150.00
-4.311	213.303	-150.00	-4.000	213.769	-2.00	2006+0.000	213.849	213.416	0.434	4.000	213.769	-2.00	4.213	213.450	-150.00
-4.258	212.371	-150.00	-4.000	212.757	-2.00	2007+0.000	212.837	212.377	0.461	4.000	212.757	-2.00	4.250	212.382	-150.00
-4.265	211.062	-150.00	-4.000	211.459	-2.00	2008+0.000	211.539	211.041	0.498	4.000	211.459	-2.00	4.287	211.027	-150.00
-4.226	209.801	-150.00	-4.000	210.141	-2.00	2009+0.000	210.221	209.719	0.501	4.000	210.141	-2.00	4.329	209.647	-150.00
-4.194	208.542	-150.00	-4.000	208.833	-2.00	2010+0.000	208.913	208.450	0.462	4.000	208.833	-2.00	4.314	208.361	-150.00
-4.268	207.340	-150.00	-4.000	207.742	-2.00	2011+0.000	207.822	207.285	0.537	4.000	207.742	-2.00	4.284	207.316	-150.00
-4.136	206.751	-150.00	-4.000	206.954	-2.00	2012+0.000	207.034	206.665	0.369	4.000	206.954	-2.00	4.251	206.578	-150.00
-4.238	206.627	66.67	-4.000	206.469	-2.00	2013+0.000	206.549	206.518	0.031	4.000	206.469	-2.00	4.037	206.413	-150.00
-4.025	206.292	66.67	-4.000	206.275	-2.00	2014+0.000	206.355	206.180	0.175	4.000	206.275	-2.00	4.128	206.082	-150.00
-4.091	205.991	-150.00	-4.000	206.127	-2.00	2015+0.000	206.207	205.894	0.313	4.000	206.127	-2.00	4.222	205.794	-150.00
-4.142	205.621	-150.00	-4.000	205.834	-2.00	2016+0.000	205.914	205.528	0.386	4.000	205.834	-2.00	4.265	205.438	-150.00
-4.185	205.229	-150.00	-4.000	205.507	-2.00	2017+0.000	205.587	205.149	0.437	4.000	205.507	-2.00	4.293	205.067	-150.00
-4.179	204.400	-150.00	-4.000	204.669	-2.00	2018+0.000	204.749	204.303	0.445	4.000	204.669	-2.00	4.304	204.212	-150.00
-4.218	203.354	-150.00	-4.000	203.681	-2.00	2019+0.000	203.761	203.307	0.454	4.000	203.681	-2.00	4.280	203.261	-150.00
-4.235	202.214	-150.00	-4.000	202.567	-2.00	2020+0.000	202.647	202.179	0.468	4.000	202.567	-2.00	4.282	202.143	-150.00
-4.231	200.987	-150.00	-4.000	201.335	-2.00	2021+0.000	201.415	200.948	0.467	4.000	201.335	-2.00	4.314	200.864	-150.00
-4.210	199.491	-150.00	-4.000	199.806	-2.00	2022+0.000	199.886	199.473	0.412	4.000	199.806	-2.00	4.233	199.456	-150.00
-4.249	197.690	-150.00	-4.000	198.064	-2.00	2023+0.000	198.144	197.701	0.443	4.000	198.064	-2.00	4.273	197.655	-150.00
-4.239	195.975	-150.00	-4.000	196.334	-2.00	2024+0.000	196.414	195.917	0.498	4.000	196.334	-2.00	4.327	195.843	-150.00
-4.253	194.275	-150.00	-4.000	194.654	-2.00	2025+0.000	194.734	194.272	0.462	4.000	194.654	-2.00	4.258	194.268	-150.00
-4.244	192.952	-150.00	-4.000	193.318	-2.00	2026+0.000	193.398	192.967	0.431	4.000	193.318	-2.00	4.232	192.970	-150.00
-4.059	192.478	-150.00	-4.000	192.567	-2.00	2027+0.000	192.647	192.414	0.233	4.000	192.567	-2.00	4.146	192.348	-150.00
-4.169	192.228	-150.00	-4.000	192.482	-2.00	2028+0.000	192.562	192.180	0.382	4.000	192.482	-2.00	4.234	192.130	-150.00
-4.110	192.166	-150.00	-4.000	192.331	-2.00	2029+0.000	192.411	191.996	0.415	4.000	192.331	-2.00	4.343	191.817	-150.00
-4.165	191.389	-150.00	-4.000	191.636	-2.00	2030+0.000	191.716	191.339	0.378	4.000	191.636	-2.00	4.235	191.284	-150.00
-4.210	190.799	-150.00	-4.000	191.114	-2.00	2031+0.000	191.194	190.805	0.389	4.000	191.114	-2.00	4.202	190.811	-150.00
-4.163	190.662	-150.00	-4.000	190.907	-2.00	2032+0.000	190.987	190.672	0.315	4.000	190.907	-2.00	4.150	190.682	-150.00
-4.080	191.322	-150.00	-4.000	191.443	-2.00	2033+0.000	191.523	191.221	0.302	4.000	191.443	-2.00	4.123	191.258	-150.00
-4.008	192.438	-150.00	-4.000	192.451	-2.00	2034+0.000	192.531	192.463	0.068	4.000	192.451	-2.00	4.055	192.488	66.67
-4.166	193.153	-150.00	-4.000	193.401	-2.00	2035+0.000	193.481	193.171	0.310	4.000	193.401	-2.00	4.141	193.190	-150.00
-4.151	193.885	-150.00	-4.000	194.112	-2.00	2036+0.000	194.192	193.805	0.386	4.000	194.112	-2.00	4.259	193.723	-150.00
-4.073	194.618	-150.00	-4.000	194.727	-2.00	2037+0.000	194.807	194.492	0.315	4.000	194.727	-2.00	4.244	194.361	-150.00
-4.090	194.822	-150.00	-4.000	194.958	-2.00	2038+0.000	195.038	194.693	0.345	4.000	194.958	-2.00	4.268	194.556	-150.00
-4.038	195.425	-150.00	-4.000	195.483	-2.00	2039+0.000	195.563	195.260	0.303	4.000	195.483	-2.00	4.265	195.085	-150.00
-4.082	196.367	-150.00	-4.000	196.489	-2.00	2040+0.000	196.569	196.212	0.357	4.000	196.489	-2.00	4.293	196.049	-150.00
-4.051	197.717	-150.00	-4.000	197.794	-2.00	2041+0.000	197.874	197.602	0.271	4.000	197.794	-2.00	4.236	197.440	-150.00
-4.096	199.166	66.67	-4.000	199.102	-2.00	2042+0.000	199.182	198.945	0.237	4.000	199.102	-2.00	4.262	198.709	-150.00
-4.134	200.500	66.67	-4.000	200.410	-2.00	2043+0.000	200.490	200.271	0.220	4.000	200.410	-2.00	4.293	199.970	-150.00
-4.050	201.752	66.67	-4.000	201.719	-2.00	2044+0.000	201.799	201.533	0.266	4.000	201.719	-2.00	4.278	201.301	-150.00
-4.027	202.609	-150.00	-4.000	202.649	-2.00	2045+0.000	202.729	202.420	0.309	4.000	202.649	-2.00	4.287	202.219	-150.00
-4.016	203.221	-150.00	-4.000	203.244	-2.00	2046+0.000	203.324	202.989	0.336	4.000	203.244	-2.00	4.338	202.738	-150.00
-4.017	204.000	-150.00	-4.000	204.025	-2.00	2047+0.000	204.105	203.810	0.296	4.000	204.025	-2.00	4.274	203.615	-150.00
-4.074	204.908	-150.00	-4.000	205.018	-2.00	2048+0.000	205.098	204.804	0.294	4.000	205.018	-2.00	4.239	204.659	-150.00
-4.082	205.764	-150.00	-4.000	205.887	-2.00	2049+0.000	205.967	205.668	0.299	4.000	205.887	-2.00	4.213	205.568	-150.00
-4.063	206.633	-150.00	-4.000	206.728	-2.00	2050+0.000	206.808	206.550	0.257	4.000	206.728	-2.00	4.175	206.465	-150.00
-4.146	207.320	-150.00	-4.000	207.539	-2.00	2051+0.000	207.619	207.280	0.339	4.000	207.539	-2.00	4.213	207.219	-150.00
-4.153	207.852	-150.00	-4.000	208.081	-2.00	2052+0.000	208.161	207.802	0.359	4.000	208.081	-2.00	4.206	207.772	-150.00
-4.124	208.357	-150.00	-4.000	208.543	-2.00	2053+0.000	208.623	208.328	0.296	4.000	208.543	-2.00	4.164	208.298	-150.00
-4.122	208.823	-150.00	-4.000	209.006	-2.00	2054+0.000	209.086	208.821	0.265	4.000	209.006	-2.00	4.124	208.819	-150.00
-4.138	209.262	-150.00	-4.000	209.468	-2.00	2055+0.000	209.548	209.249	0.299	4.000	209.468	-2.00	4.155	209.236	-150.00
-4.191	209.493	-150.00	-4.000	209.780	-2.00	2056+0.000	209.860	209.496	0.364	4.000	209.780	-2.00	4.188	209.498	-150.00

Osvaldo Leôncio da Silva
Diretor da Unidade de Programas, Projetos e Obras - DUPPO
Secretaria das Cidades (SCidades)

-4.203	209.601	-150.00	-4.000	209.906	-2.00	2057+0.000	209.986	209.621	0.364	4.000	209.906	-2.00	4.178	209.638	-150.00
-4.199	209.733	-150.00	-4.000	210.031	-2.00	2058+0.000	210.111	209.751	0.360	4.000	210.031	-2.00	4.175	209.769	-150.00
-4.223	209.918	-150.00	-4.000	210.252	-2.00	2059+0.000	210.332	209.938	0.394	4.000	210.252	-2.00	4.196	209.958	-150.00
-4.181	210.229	-150.00	-4.000	210.500	-2.00	2060+0.000	210.580	210.238	0.342	4.000	210.500	-2.00	4.166	210.252	-150.00
-4.157	210.595	-150.00	-4.000	210.830	-2.00	2061+0.000	210.910	210.610	0.300	4.000	210.830	-2.00	4.136	210.626	-150.00
-4.206	210.854	-150.00	-4.000	211.163	-2.00	2062+0.000	211.243	210.888	0.355	4.000	211.163	-2.00	4.156	210.929	-150.00
-4.200	211.247	-150.00	-4.000	211.546	-2.00	2063+0.000	211.626	211.288	0.339	4.000	211.546	-2.00	4.146	211.327	-150.00
-4.203	211.653	-150.00	-4.000	211.958	-2.00	2064+0.000	212.038	211.696	0.342	4.000	211.958	-2.00	4.146	211.739	-150.00
-4.206	212.059	-150.00	-4.000	212.369	-2.00	2065+0.000	212.449	212.112	0.337	4.000	212.369	-2.00	4.137	212.163	-150.00
-4.222	212.368	-150.00	-4.000	212.701	-2.00	2066+0.000	212.781	212.420	0.361	4.000	212.701	-2.00	4.151	212.474	-150.00
-4.218	212.608	-150.00	-4.000	212.935	-2.00	2067+0.000	213.015	212.652	0.364	4.000	212.935	-2.00	4.150	212.710	-150.00
-4.207	212.903	-150.00	-4.000	213.213	-2.00	2068+0.000	213.293	212.954	0.340	4.000	213.213	-2.00	4.129	213.020	-150.00
-4.201	213.288	-150.00	-4.000	213.590	-2.00	2069+0.000	213.670	213.343	0.327	4.000	213.590	-2.00	4.129	213.397	-150.00
-4.215	213.755	-150.00	-4.000	214.079	-2.00	2070+0.000	214.159	213.835	0.324	4.000	214.079	-2.00	4.111	213.912	-150.00
-4.141	214.428	-150.00	-4.000	214.639	-2.00	2071+0.000	214.719	214.415	0.304	4.000	214.639	-2.00	4.117	214.463	-150.00
-4.149	215.305	-150.00	-4.000	215.528	-2.00	2072+0.000	215.608	215.305	0.303	4.000	215.528	-2.00	4.143	215.313	-150.00
-4.144	216.217	-150.00	-4.000	216.433	-2.00	2073+0.000	216.513	216.214	0.299	4.000	216.433	-2.00	4.161	216.191	-150.00
-4.141	216.986	-150.00	-4.000	217.198	-2.00	2074+0.000	217.278	216.953	0.325	4.000	217.198	-2.00	4.181	216.927	-150.00
-4.091	217.711	-150.00	-4.000	217.847	-2.00	2075+0.000	217.927	217.638	0.289	4.000	217.847	-2.00	4.189	217.563	-150.00
-4.148	217.924	-150.00	-4.000	218.146	-2.00	2076+0.000	218.226	217.886	0.340	4.000	218.146	-2.00	4.199	217.847	-150.00
-4.148	217.772	-150.00	-4.000	217.994	-2.00	2077+0.000	218.074	217.709	0.365	4.000	217.994	-2.00	4.234	217.643	-150.00
-4.178	217.474	-150.00	-4.000	217.741	-2.00	2078+0.000	217.821	217.413	0.408	4.000	217.741	-2.00	4.260	217.351	-150.00
-4.166	217.217	-150.00	-4.000	217.466	-2.00	2079+0.000	217.546	217.155	0.391	4.000	217.466	-2.00	4.244	217.100	-150.00
-4.158	217.098	-150.00	-4.000	217.334	-2.00	2080+0.000	217.414	217.071	0.343	4.000	217.334	-2.00	4.174	217.074	-150.00
-4.089	217.756	-150.00	-4.000	217.889	-2.00	2081+0.000	217.969	217.655	0.314	4.000	217.889	-2.00	4.225	217.551	-150.00
-4.101	218.578	-150.00	-4.000	218.729	-2.00	2082+0.000	218.809	218.533	0.276	4.000	218.729	-2.00	4.161	218.487	-150.00
-4.097	219.868	-150.00	-4.000	220.013	-2.00	2083+0.000	220.093	219.816	0.276	4.000	220.013	-2.00	4.166	219.764	-150.00
-4.088	221.224	-150.00	-4.000	221.356	-2.00	2084+0.000	221.436	221.148	0.287	4.000	221.356	-2.00	4.187	221.075	-150.00
-4.074	222.588	-150.00	-4.000	222.699	-2.00	2085+0.000	222.779	222.512	0.266	4.000	222.699	-2.00	4.176	222.434	-150.00
-4.086	223.586	-150.00	-4.000	223.715	-2.00	2086+0.000	223.795	223.470	0.325	4.000	223.715	-2.00	4.238	223.358	-150.00
-4.088	224.470	-150.00	-4.000	224.602	-2.00	2087+0.000	224.682	224.321	0.361	4.000	224.602	-2.00	4.300	224.152	-150.00
-4.085	224.765	-150.00	-4.000	224.892	-2.00	2088+0.000	224.972	224.638	0.334	4.000	224.892	-2.00	4.258	224.505	-150.00
-4.101	225.024	-150.00	-4.000	225.175	-2.00	2089+0.000	225.255	224.926	0.329	4.000	225.175	-2.00	4.233	224.826	-150.00
-4.162	225.241	-150.00	-4.000	225.484	-2.00	2090+0.000	225.564	225.218	0.346	4.000	225.484	-2.00	4.192	225.195	-150.00
-4.158	225.335	-150.00	-4.000	225.571	-2.00	2091+0.000	225.651	225.302	0.349	4.000	225.571	-2.00	4.202	225.269	-150.00
-4.192	225.338	-150.00	-4.000	225.626	-2.00	2092+0.000	225.706	225.334	0.372	4.000	225.626	-2.00	4.213	225.307	-150.00
-4.254	225.257	-150.00	-4.000	225.639	-2.00	2093+0.000	225.719	225.271	0.447	4.000	225.639	-2.00	4.227	225.299	-150.00
-4.220	225.320	-150.00	-4.000	225.651	-2.00	2094+0.000	225.731	225.350	0.381	4.000	225.651	-2.00	4.183	225.377	-150.00
-4.264	225.331	-150.00	-4.000	225.727	-2.00	2095+0.000	225.807	225.374	0.433	4.000	225.727	-2.00	4.193	225.437	-150.00
-4.296	225.542	-150.00	-4.000	225.986	-2.00	2096+0.000	226.066	225.606	0.460	4.000	225.986	-2.00	4.212	225.668	-150.00
-4.189	226.145	-150.00	-4.000	226.429	-2.00	2097+0.000	226.509	226.176	0.333	4.000	226.429	-2.00	4.149	226.206	-150.00
-4.168	226.806	-150.00	-4.000	227.058	-2.00	2098+0.000	227.138	226.823	0.315	4.000	227.058	-2.00	4.145	226.840	-150.00
-4.185	227.555	-150.00	-4.000	227.833	-2.00	2099+0.000	227.913	227.582	0.330	4.000	227.833	-2.00	4.155	227.600	-150.00
-4.156	228.054	-150.00	-4.000	228.288	-2.00	2100+0.000	228.368	228.022	0.347	4.000	228.288	-2.00	4.200	227.988	-150.00
-4.157	228.438	-150.00	-4.000	228.673	-2.00	2101+0.000	228.753	228.412	0.341	4.000	228.673	-2.00	4.204	228.367	-150.00
-4.140	228.529	-150.00	-4.000	228.739	-2.00	2102+0.000	228.819	228.461	0.358	4.000	228.739	-2.00	4.232	228.391	-150.00
-4.086	228.584	-150.00	-4.000	228.713	-2.00	2103+0.000	228.793	228.507	0.287	4.000	228.713	-2.00	4.196	228.419	-150.00
-4.075	228.574	-150.00	-4.000	228.687	-2.00	2104+0.000	228.767	228.491	0.277	4.000	228.687	-2.00	4.189	228.403	-150.00
-4.082	228.556	-150.00	-4.000	228.679	-2.00	2105+0.000	228.759	228.464	0.294	4.000	228.679	-2.00	4.206	228.370	-150.00
-4.110	228.644	-150.00	-4.000	228.809	-2.00	2106+0.000	228.889	228.544	0.345	4.000	228.809	-2.00	4.246	228.440	-150.00
-4.137	228.896	-150.00	-4.000	229.102	-2.00	2107+0.000	229.182	228.841	0.342	4.000	229.102	-2.00	4.220	228.773	-150.00
-4.115	229.305	-150.00	-4.000	229.478	-2.00	2108+0.000	229.558	229.250	0.308	4.000	229.478	-2.00	4.196	229.184	-150.00
-4.081	229.732	-150.00	-4.000	229.854	-2.00	2109+0.000	229.934	229.667	0.266	4.000	229.854	-2.00	4.181	229.582	-150.00
-4.091	230.092	-150.00	-4.000	230.229	-2.00	2110+0.000	230.309	230.008	0.301	4.000	230.229	-2.00	4.205	229.922	-150.00
-4.132	230.327	-150.00	-4.000	230.524	-2.00	2111+0.000	230.604	230.257	0.347	4.000	230.524	-2.00	4.233	230.174	-150.00
-4.180	230.360	-150.00	-4.000	230.630	-2.00	2112+0.000	230.710	230.232	0.478	4.000	230.630	-2.00	4.354	230.099	-150.00
-4.143	230.334	-150.00	-4.000	230.549	-2.00	2113+0.000	230.629	230.242	0.387	4.000	230.549	-2.00	4.287	230.118	-150.00
-4.136	230.087	-150.00	-4.000	230.291	-2.00	2114+0.000	230.371	229.955	0.415	4.000	230.291	-2.00	4.315	229.818	-150.00
-4.140	229.625	-150.00	-4.000	229.836	-2.00	2115+0.000	229.916	229.506	0.410	4.000	229.836	-2.00	4.303	229.381	-150.00
-4.143	229.073	-150.00	-4.000	229.287	-2.00	2116+0.000	229.367	228.965	0.402	4.000	229.287	-2.00	4.289	228.853	-150.00
-4.173	228.425	-150.00	-4.000	228.685	-2.00	2117+0.000	228.765	228.323	0.442	4.000	228.685	-2.00	4.312	228.217	-150.00
-4.141	228.040	-150.00	-4.000	228.250	-2.00	2118+0.000	228.330	227.980	0.350	4.000	228.250	-2.00	4.199	227.952	-150.00
-4.214	228.005	-150.00	-4.000	228.326	-2.00	2119+0.000	228.406	227.945	0.461	4.000	228.326	-2.00	4.295	227.883	-150.00
-4.285	228.340	-150.00	-4.000	228.768	-2.00	2120+0.000	228.848	228.373	0.474	4.000	228.768	-2.00	4.241	228.406	-150.00
-4.197	228.927	-150.00	-4.000	229.223	-2.00	2121+0.000	229.303	228.950	0.353	4.000	229.223	-2.00	4.166	228.973	-150.00
-4.240	229.587	-150.00	-4.000	229.948	-2.00	2122+0.000	230.028	229.614	0.414	4.000	229.948	-2.00	4.205	229.640	-150.00
-4.181	230.472	-150.00	-4.000	230.744	-2.00	2123+0.000	230.824	230.510	0.313	4.000	230.744	-2.00	4.152	230.515	-150.00
-4.149	231.315	-150.00	-4.000	231.539	-2.00	2124+0.000	231.619	231.304	0.315	4.000	231.539	-2.00	4.176	231.274	-150.00
-4.126	232.125	-150.00	-4.000	232.314	-2.00	2125+0.000	232.394	232.078	0.316	4.000	232.314	-2.00	4.220	231.984	-150.00
-4.275	232.353	-150.00	-4.000	232.765	-2.00	2126+0.000	232.845	232.351	0.494	4.000	232.765	-2.00	4.277	232.349	-150.00
-4.154	232.849	-150.00	-4.000	233.079	-2.00	2127+0.000	233.159	232.847	0.312	4.000	233.079	-2.00	4.195	232.787	-150.00
-4.087	233.262	-150.00	-4.000	233.394	-2.00	2128+0.000	233.474	233.224	0.250	4.000	233.394	-2.00	4.143	233.179	-150.00
-4.140	233.498	-150.00	-4.000	233.708	-2.00	2129+0.000	233.788	233.459	0.329	4.000	233.708	-2.00	4.192	233.420	-150.00
-4.136	233.523	-150.00	-4.000	233.727	-2.00	2130+0.000	233.807	233.404	0.403	4.000	233.727	-2.00	4.295	233.285	-150.00
-4.146	233.409	-150.00	-4.000	233.628	-2.00	2131+0.000	233.708	233.290	0.419	4.000	233.628	-2.00	4.309	233.166	-150.00
-4.053	233.130	-150.00	-4.000	233.209	-2.00	2132+0.000	233.289	232.887	0.402	4.000	233.209	-2.00	4.399	232.611	-150.00
-4.051	232.536	-150.00	-4.000	232.612	-2.00	2133+0.000	232.692	232.302	0.391	4.000	232.612	-2.00	4.376	232.049	-150.00
-4.015	232.261	66.67	-4.000	232.251	-2.00	2134+0.000	232.331	232.042	0.289	4.000	232.251	-2.00	4.296	231.807	-150.00
-4.021	231.859	-150.00	-4.000	231.890	-2.00	2135+0.000	231.970	231.638	0.332	4.000	231.890	-2.00	4.347	231.370	-150.00
-4.048	231.457	-150.00	-4.000	231.530	-2.00	2136+0.000	231.610	231.205	0.405	4.000	231.530	-2.00	4.399	230.931	-150.00
-4.120	231.008	-150.00	-4.000	231.188	-2.00	2137+0.000	231.268	230.735	0.534	4.000	231.188	-2.00	4.497	230.443	-150.00
-4.063	230.769	-150.00	-4.000	230.864	-2.00	2138+0.000	230.944	230.496	0.447	4.000	230.864	-2.00	4.444	230.198	-150.00
			-4.000	230.636	-2.00	2139+0.000	230.716	230.361	0.355	4.000	230.636	-2.00	4.385	230.059	-150.00
-4.086	230.560	-150.00	-4.000	230.689	-2.00	2140+0.000	230.769	230.344	0.425	4.000	230.689	-2.00	4.354	230.158	-150.00
-4.093	230.773	-150.00	-4.000	230.913	-2.00	2141+0.000	230.993	230.598	0.395	4.000	230.913	-2.00	4.337	230.407	-150.00
-4.084	231.108	-150.00	-4.000	231.233	-2.00	2142+0.000	231.313	230.913	0.401	4.000	231.233	-2.00	4.349	230.710	-150.00

Osvaldo Leôncio da Silva
Diretor da Unidade de Projetos e Obras - DUPO
Secretaria das Cidades

-4.042	231.681	-150.00	-4.000	231.744	-2.00	2143+0.000	231.824	231.486	0.338	4.000	231.744	-2.00	4.309	231.281	-150.00
-4.044	232.173	-150.00	-4.000	232.239	-2.00	2144+0.000	232.319	231.985	0.334	4.000	232.239	-2.00	4.298	231.792	-150.00
-4.033	232.575	-150.00	-4.000	232.624	-2.00	2145+0.000	232.704	232.395	0.309	4.000	232.624	-2.00	4.280	232.205	-150.00
-4.052	233.044	66.67	-4.000	233.010	-2.00	2146+0.000	233.090	232.858	0.231	4.000	233.010	-2.00	4.231	232.664	-150.00
-4.026	233.412	66.67	-4.000	233.395	-2.00	2147+0.000	233.475	233.223	0.252	4.000	233.395	-2.00	4.248	233.024	-150.00
-4.043	233.716	-150.00	-4.000	233.781	-2.00	2148+0.000	233.861	233.531	0.330	4.000	233.781	-2.00	4.294	233.339	-150.00
-4.037	234.026	-150.00	-4.000	234.082	-2.00	2149+0.000	234.162	233.864	0.298	4.000	234.082	-2.00	4.260	233.692	-150.00
-4.021	234.318	66.67	-4.000	234.305	-2.00	2150+0.000	234.385	234.158	0.227	4.000	234.305	-2.00	4.210	233.989	-150.00
-4.040	234.467	-150.00	-4.000	234.527	-2.00	2151+0.000	234.607	234.316	0.291	4.000	234.527	-2.00	4.246	234.158	-150.00
-4.092	234.595	-150.00	-4.000	234.732	-2.00	2152+0.000	234.812	234.446	0.367	4.000	234.732	-2.00	4.295	234.290	-150.00
-4.108	234.685	-150.00	-4.000	234.847	-2.00	2153+0.000	234.927	234.536	0.392	4.000	234.847	-2.00	4.277	234.431	-150.00
-4.151	234.735	-150.00	-4.000	234.962	-2.00	2154+0.000	235.042	234.673	0.370	4.000	234.962	-2.00	4.235	234.609	-150.00
-4.161	234.875	-150.00	-4.000	235.117	-2.00	2155+0.000	235.197	234.805	0.392	4.000	235.117	-2.00	4.251	234.740	-150.00
-4.139	235.124	-150.00	-4.000	235.333	-2.00	2156+0.000	235.413	235.050	0.362	4.000	235.333	-2.00	4.239	234.974	-150.00
-4.088	235.505	-150.00	-4.000	235.637	-2.00	2157+0.000	235.717	235.400	0.317	4.000	235.637	-2.00	4.230	235.292	-150.00
-4.120	236.078	-150.00	-4.000	236.259	-2.00	2158+0.000	236.339	236.022	0.317	4.000	236.259	-2.00	4.192	235.972	-150.00
-4.126	236.815	-150.00	-4.000	237.004	-2.00	2159+0.000	237.084	236.747	0.337	4.000	237.004	-2.00	4.218	236.677	-150.00
-4.141	237.621	-150.00	-4.000	237.832	-2.00	2160+0.000	237.912	237.563	0.349	4.000	237.832	-2.00	4.217	237.506	-150.00
-4.081	238.539	-150.00	-4.000	238.660	-2.00	2161+0.000	238.740	238.452	0.288	4.000	238.660	-2.00	4.217	238.334	-150.00
-4.169	239.186	-150.00	-4.000	239.440	-2.00	2162+0.000	239.520	239.142	0.378	4.000	239.440	-2.00	4.229	239.097	-150.00
-4.168	239.358	-150.00	-4.000	239.611	-2.00	2163+0.000	239.691	239.292	0.399	4.000	239.611	-2.00	4.242	239.247	-150.00
-4.161	239.532	-150.00	-4.000	239.773	-2.00	2164+0.000	239.853	239.467	0.386	4.000	239.773	-2.00	4.233	239.423	-150.00
-4.162	239.723	-150.00	-4.000	239.966	-2.00	2165+0.000	240.046	239.692	0.354	4.000	239.966	-2.00	4.204	239.661	-150.00
-4.149	239.987	-150.00	-4.000	240.211	-2.00	2166+0.000	240.291	239.952	0.338	4.000	240.211	-2.00	4.196	239.917	-150.00
-4.113	240.305	-150.00	-4.000	240.474	-2.00	2167+0.000	240.554	240.233	0.321	4.000	240.474	-2.00	4.181	240.203	-150.00
-4.172	240.880	-150.00	-4.000	241.139	-2.00	2168+0.000	241.219	240.901	0.318	4.000	241.139	-2.00	4.144	240.922	-150.00
-4.187	241.545	-150.00	-4.000	241.825	-2.00	2169+0.000	241.905	241.553	0.352	4.000	241.825	-2.00	4.176	241.561	-150.00
-4.174	242.311	-150.00	-4.000	242.572	-2.00	2170+0.000	242.652	242.348	0.304	4.000	242.572	-2.00	4.125	242.385	-150.00
-4.188	243.223	-150.00	-4.000	243.504	-2.00	2171+0.000	243.584	243.267	0.318	4.000	243.504	-2.00	4.130	243.310	-150.00
-4.250	244.200	-150.00	-4.000	244.576	-2.00	2172+0.000	244.656	244.241	0.415	4.000	244.576	-2.00	4.196	244.282	-150.00
-4.223	245.312	-150.00	-4.000	245.647	-2.00	2173+0.000	245.727	245.356	0.371	4.000	245.647	-2.00	4.167	245.397	-150.00
-4.218	246.392	-150.00	-4.000	246.719	-2.00	2174+0.000	246.799	246.452	0.347	4.000	246.719	-2.00	4.139	246.510	-150.00
-4.197	247.494	-150.00	-4.000	247.790	-2.00	2175+0.000	247.870	247.549	0.321	4.000	247.790	-2.00	4.133	247.590	-150.00
-4.215	248.539	-150.00	-4.000	248.862	-2.00	2176+0.000	248.942	248.637	0.305	4.000	248.862	-2.00	4.128	248.670	-150.00
-4.226	249.444	-150.00	-4.000	249.783	-2.00	2177+0.000	249.863	249.547	0.316	4.000	249.783	-2.00	4.090	249.648	-150.00
-4.249	250.093	-150.00	-4.000	250.466	-2.00	2178+0.000	250.546	250.211	0.335	4.000	250.466	-2.00	4.102	250.314	-150.00
-4.210	250.672	-150.00	-4.000	250.987	-2.00	2179+0.000	251.067	250.792	0.275	4.000	250.987	-2.00	4.049	250.913	-150.00
-4.220	251.154	-150.00	-4.000	251.483	-2.00	2180+0.000	251.563	251.303	0.260	4.000	251.483	-2.00	4.039	251.425	-150.00
-4.280	251.554	-150.00	-4.000	251.974	-2.00	2181+0.000	252.054	251.709	0.345	4.000	251.974	-2.00	4.085	251.847	-150.00
-4.294	251.837	-150.00	-4.000	252.279	-2.00	2182+0.000	252.359	252.008	0.351	4.000	252.279	-2.00	4.084	252.152	-150.00
-4.289	252.069	-150.00	-4.000	252.503	-2.00	2183+0.000	252.583	252.216	0.367	4.000	252.503	-2.00	4.103	252.348	-150.00
-4.255	252.195	-150.00	-4.000	252.577	-2.00	2184+0.000	252.657	252.329	0.327	4.000	252.577	-2.00	4.089	252.442	-150.00
-4.266	252.246	-150.00	-4.000	252.645	-2.00	2185+0.000	252.725	252.364	0.362	4.000	252.645	-2.00	4.112	252.477	-150.00
-4.280	252.168	-150.00	-4.000	252.588	-2.00	2186+0.000	252.668	252.256	0.412	4.000	252.588	-2.00	4.164	252.343	-150.00
-4.270	251.807	-150.00	-4.000	252.213	-2.00	2187+0.000	252.293	251.894	0.399	4.000	252.213	-2.00	4.156	251.978	-150.00
-4.266	251.538	-150.00	-4.000	251.936	-2.00	2188+0.000	252.016	251.629	0.387	4.000	251.936	-2.00	4.146	251.717	-150.00
-4.282	251.315	-150.00	-4.000	251.739	-2.00	2189+0.000	251.819	251.405	0.414	4.000	251.739	-2.00	4.164	251.493	-150.00
-4.228	251.199	-150.00	-4.000	251.541	-2.00	2190+0.000	251.621	251.287	0.334	4.000	251.541	-2.00	4.112	251.373	-150.00
-4.188	251.681	-150.00	-4.000	251.964	-2.00	2191+0.000	252.044	251.763	0.280	4.000	251.964	-2.00	4.080	251.843	-150.00
-4.244	252.402	-150.00	-4.000	252.768	-2.00	2192+0.000	252.848	252.409	0.438	4.000	252.768	-2.00	4.234	252.416	-150.00
-4.228	253.230	-150.00	-4.000	253.572	-2.00	2193+0.000	253.652	253.226	0.425	4.000	253.572	-2.00	4.240	253.212	-150.00
-4.234	253.883	-150.00	-4.000	254.234	-2.00	2194+0.000	254.314	253.867	0.447	4.000	254.234	-2.00	4.255	253.851	-150.00
-4.111	254.379	-150.00	-4.000	254.546	-2.00	2195+0.000	254.626	254.340	0.286	4.000	254.546	-2.00	4.164	254.300	-150.00
-4.232	254.157	-150.00	-4.000	254.505	-2.00	2196+0.000	254.585	254.105	0.480	4.000	254.505	-2.00	4.306	254.046	-150.00
-4.205	253.814	-150.00	-4.000	254.121	-2.00	2197+0.000	254.201	253.757	0.444	4.000	254.121	-2.00	4.281	253.699	-150.00
-4.192	253.347	-150.00	-4.000	253.636	-2.00	2198+0.000	253.716	253.308	0.408	4.000	253.636	-2.00	4.245	253.269	-150.00
-4.224	253.058	-150.00	-4.000	253.394	-2.00	2199+0.000	253.474	253.043	0.431	4.000	253.394	-2.00	4.249	253.020	-150.00
-4.172	252.943	-150.00	-4.000	253.201	-2.00	2200+0.000	253.281	252.923	0.358	4.000	253.201	-2.00	4.199	252.903	-150.00
-4.165	253.426	-150.00	-4.000	253.673	-2.00	2201+0.000	253.753	253.479	0.274	4.000	253.673	-2.00	4.094	253.531	-150.00
-4.132	254.138	-150.00	-4.000	254.337	-2.00	2202+0.000	254.417	254.222	0.195	4.000	254.337	-2.00	4.023	254.303	-150.00
-4.053	254.890	66.67	-4.000	254.855	-2.00	2202+15.002	254.935	254.934	0.000	4.000	254.855	-2.00	4.195	254.985	66.67

Osvaldo Leôncio da S[illegible]
Director da Unidade de Pr[illegible]
Projetos e Obras - DU[illegible]O
Secretaria das Cidades [illegible]

SECRETARIA
DAS **CIDADES** - SECID

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

TRECHO 2: FRANCISCO AYRES - NAZARÉ DO PIAUÍ

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	0,700	0,310	0,000	0,000	0,000	0,000	0,000
1+0,00	0,070	1,780	7,650	20,890	7,650	20,890	-13,240
2+0,00	0,010	2,140	0,730	39,080	8,370	59,980	-51,610
3+0,00	0,000	3,070	0,060	52,030	8,430	112,010	-103,580
4+0,00	0,010	2,270	0,090	54,190	8,530	166,200	-157,670
5+0,00	0,130	1,900	1,300	43,400	9,820	209,600	-199,780
6+0,00	0,230	1,460	3,630	33,750	13,450	243,350	-229,900
7+0,00	0,020	2,320	2,500	37,740	15,950	281,090	-265,140
8+0,00	0,000	1,880	0,170	42,190	16,120	323,270	-307,150
9+0,00	0,000	2,570	0,000	44,510	16,120	367,790	-351,670
10+0,00	0,000	2,330	0,000	49,300	16,120	417,090	-400,970
11+0,00	0,000	2,290	0,000	46,550	16,120	463,640	-447,520
12+0,00	0,000	2,410	0,000	47,000	16,120	510,640	-494,520
13+0,00	0,000	2,450	0,000	48,480	16,120	559,120	-543,000
14+0,00	0,000	2,700	0,000	51,340	16,120	610,460	-594,340
15+0,00	0,000	2,600	0,000	52,950	16,120	663,410	-647,290
16+0,00	0,000	2,810	0,000	54,120	16,120	717,530	-701,410
17+0,00	0,000	2,700	0,000	54,730	16,120	772,270	-756,150
18+0,00	0,000	2,550	0,000	52,240	16,120	824,500	-808,380
19+0,00	0,000	2,620	0,000	51,750	16,120	876,250	-860,130
20+0,00	0,000	2,870	0,000	55,290	16,120	931,540	-915,420
21+0,00	0,000	2,590	0,000	54,620	16,120	986,160	-970,040
22+0,00	0,000	2,270	0,000	48,750	16,120	1034,910	-1018,790
23+0,00	0,000	2,240	0,000	45,200	16,120	1080,120	-1064,000
24+0,00	0,000	2,460	0,000	47,150	16,120	1127,270	-1111,150
25+0,00	0,000	2,520	0,000	49,980	16,120	1177,250	-1161,130
26+0,00	0,000	2,550	0,000	50,720	16,120	1227,960	-1211,840
27+0,00	0,000	2,530	0,000	50,760	16,120	1278,720	-1262,600
28+0,00	0,000	2,810	0,000	53,430	16,120	1332,150	-1316,030
29+0,00	0,000	2,410	0,000	52,120	16,120	1384,270	-1368,150
30+0,00	0,000	2,230	0,000	46,380	16,120	1430,660	-1414,540
31+0,00	0,000	2,310	0,000	45,250	16,120	1475,900	-1459,780
32+0,00	0,000	2,320	0,000	46,390	16,120	1522,290	-1506,170
33+0,00	0,000	2,360	0,000	46,870	16,120	1569,160	-1553,040
34+0,00	0,000	2,480	0,000	48,490	16,120	1617,650	-1601,530
35+0,00	0,000	2,980	0,000	54,610	16,120	1672,270	-1656,150
36+0,00	0,000	3,720	0,000	66,990	16,120	1739,250	-1723,130
37+0,00	0,000	4,990	0,000	87,080	16,120	1826,340	-1810,220
38+0,00	0,000	5,710	0,000	106,940	16,120	1933,280	-1917,160
39+0,00	0,000	5,940	0,000	116,440	16,120	2049,720	-2033,600
40+0,00	0,000	3,590	0,000	95,290	16,120	2145,000	-2128,880
41+0,00	0,000	2,650	0,000	62,390	16,120	2207,390	-2191,270
42+0,00	0,000	3,480	0,000	61,320	16,120	2268,720	-2252,600
43+0,00	0,000	3,300	0,000	67,840	16,120	2336,560	-2320,440
44+0,00	0,000	3,750	0,000	70,470	16,120	2407,030	-2390,910
45+0,00	0,000	3,400	0,000	71,410	16,120	2478,440	-2462,320
46+0,00	0,000	2,970	0,000	63,680	16,120	2542,130	-2526,010
47+0,00	0,000	2,640	0,000	56,210	16,120	2598,340	-2582,220
48+0,00	0,000	1,960	0,000	45,980	16,120	2644,320	-2628,200
49+0,00	0,230	0,460	2,310	24,190	18,430	2668,510	-2650,080
50+0,00	0,550	0,180	7,800	6,350	26,230	2674,870	-2648,640
51+0,00	0,170	0,740	7,140	9,180	33,360	2684,050	-2650,690
52+0,00	0,000	1,650	1,720	23,780	35,090	2707,830	-2672,740
53+0,00	0,000	2,420	0,020	40,610	35,100	2748,440	-2713,340
54+0,00	0,000	2,640	0,000	50,180	35,100	2798,610	-2763,510
55+0,00	0,000	2,630	0,000	52,320	35,100	2850,940	-2815,840
56+0,00	0,060	1,640	0,620	42,290	35,720	2893,220	-2857,500
57+0,00	0,000	2,170	0,610	37,960	36,340	2931,180	-2894,840
58+0,00	0,110	1,110	1,150	32,710	37,480	2963,890	-2926,410
59+0,00	0,000	2,680	1,180	37,600	38,660	3001,500	-2962,840
60+0,00	0,000	2,640	0,000	53,210	38,660	3054,700	-3016,040

Osvaldo Leôncio da Silv[illegible]
Diretor da Unidade de Progra[illegible]
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)
61+0,00	0,000	2,510	0,000	51,550	38,660	3106,260	-3067,600
62+0,00	0,000	2,780	0,000	53,060	38,660	3159,320	-3120,660
63+0,00	0,000	2,300	0,000	50,990	38,660	3210,300	-3171,640
64+0,00	0,000	2,590	0,000	49,080	38,660	3259,390	-3220,730
65+0,00	0,040	1,870	0,370	44,370	39,030	3303,760	-3264,730
66+0,00	0,030	1,880	0,640	37,300	39,660	3341,060	-3301,400
67+0,00	0,000	2,500	0,270	43,770	39,930	3384,830	-3344,900
68+0,00	0,000	3,010	0,000	54,900	39,930	3439,730	-3399,800
69+0,00	0,000	2,680	0,000	56,900	39,930	3496,630	-3456,700
70+0,00	0,000	2,280	0,000	49,680	39,930	3546,310	-3506,380
71+0,00	0,000	2,270	0,000	45,740	39,930	3592,050	-3552,120
72+0,00	0,000	3,230	0,000	54,960	39,930	3647,010	-3607,080
73+0,00	0,000	3,480	0,000	67,470	39,930	3714,480	-3674,550
74+0,00	0,000	3,140	0,000	66,230	39,930	3780,710	-3740,780
75+0,00	0,000	3,250	0,000	63,670	39,930	3844,380	-3804,450
76+0,00	0,000	1,670	0,000	47,910	39,930	3892,290	-3852,360
77+0,00	0,000	1,930	0,000	34,560	39,930	3926,850	-3886,920
78+0,00	0,000	2,360	0,000	42,900	39,930	3969,750	-3929,820
79+0,00	0,000	1,930	0,000	42,840	39,930	4012,590	-3972,660
80+0,00	0,000	2,060	0,000	39,830	39,930	4052,420	-4012,490
81+0,00	0,000	1,380	0,000	34,420	39,930	4086,840	-4046,910
82+0,00	0,010	0,930	0,090	23,130	40,020	4109,970	-4069,950
83+0,00	0,000	1,800	0,080	27,440	40,110	4137,410	-4097,300
84+0,00	0,000	2,030	0,000	38,310	40,110	4175,720	-4135,610
85+0,00	0,000	2,220	0,000	42,500	40,110	4218,220	-4178,110
86+0,00	0,000	1,560	0,000	37,730	40,110	4255,960	-4215,850
87+0,00	0,000	1,180	0,000	27,380	40,110	4283,330	-4243,220
88+0,00	0,000	1,100	0,000	22,820	40,110	4306,150	-4266,040
89+0,00	0,000	1,790	0,000	28,900	40,110	4335,050	-4294,940
90+0,00	0,000	1,540	0,000	33,410	40,110	4368,460	-4328,350
91+0,00	0,000	2,050	0,000	36,090	40,110	4404,550	-4364,440
92+0,00	0,000	2,180	0,000	42,340	40,110	4446,890	-4406,780
93+0,00	0,000	1,740	0,000	39,300	40,110	4486,180	-4446,070
94+0,00	0,000	2,410	0,000	41,460	40,110	4527,640	-4487,530
95+0,00	0,000	3,050	0,000	54,560	40,110	4582,200	-4542,090
96+0,00	0,000	2,890	0,000	59,380	40,110	4641,580	-4601,470
97+0,00	0,000	2,650	0,000	55,440	40,110	4697,020	-4656,910
98+0,00	0,000	2,440	0,000	51,010	40,110	4748,030	-4707,920
99+0,00	0,000	2,200	0,000	46,470	40,110	4794,510	-4754,400
100+0,00	0,000	2,030	0,000	42,320	40,110	4836,830	-4796,720
101+0,00	0,000	1,790	0,000	38,170	40,110	4875,000	-4834,890
102+0,00	0,000	1,480	0,000	32,640	40,110	4907,640	-4867,530
103+0,00	0,000	1,670	0,000	31,530	40,110	4939,170	-4899,060
104+0,00	0,000	1,600	0,000	32,800	40,110	4971,970	-4931,860
105+0,00	0,000	1,360	0,000	29,580	40,110	5001,560	-4961,450
106+0,00	0,000	1,050	0,000	24,150	40,110	5025,710	-4985,600
107+0,00	0,000	1,170	0,000	22,260	40,110	5047,970	-5007,860
108+0,00	0,000	1,540	0,000	27,170	40,110	5075,140	-5035,030
109+0,00	0,000	2,330	0,000	38,750	40,110	5113,890	-5073,780
110+0,00	0,000	2,860	0,000	51,910	40,110	5165,800	-5125,690
111+0,00	0,000	3,050	0,000	59,140	40,110	5224,940	-5184,830
112+0,00	0,000	2,950	0,000	60,060	40,110	5285,000	-5244,890
113+0,00	0,000	2,830	0,000	57,830	40,110	5342,830	-5302,720
114+0,00	0,000	2,760	0,000	55,950	40,110	5398,780	-5358,670
115+0,00	0,000	3,620	0,000	63,860	40,110	5462,640	-5422,530
116+0,00	0,000	3,240	0,000	68,620	40,110	5531,260	-5491,150
117+0,00	0,000	2,750	0,000	59,900	40,110	5591,160	-5551,050
118+0,00	0,000	2,860	0,000	56,140	40,110	5647,300	-5607,190
119+0,00	0,000	2,570	0,000	54,330	40,110	5701,630	-5661,520
120+0,00	0,000	2,540	0,000	51,060	40,110	5752,700	-5712,590
121+0,00	0,000	3,060	0,000	55,960	40,110	5808,650	-5768,540
122+0,00	0,000	2,610	0,000	56,720	40,110	5865,380	-5825,270
123+0,00	0,000	2,000	0,000	46,120	40,110	5911,500	-5871,390
124+0,00	0,000	2,220	0,000	42,150	40,110	5953,650	-5913,540
125+0,00	0,000	2,710	0,000	49,220	40,110	6002,870	-5962,760
126+0,00	0,000	2,750	0,000	54,550	40,110	6057,420	-6017,310
127+0,00	0,000	2,740	0,000	54,860	40,110	6112,280	-6072,170
128+0,00	0,000	2,450	0,000	51,900	40,110	6164,190	-6124,080
129+0,00	0,000	2,220	0,000	46,770	40,110	6210,950	-6170,840
130+0,00	0,000	2,730	0,000	49,550	40,110	6260,500	-6220,390

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - SUPPO
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)
131+0,00	0,000	2,800	0,000	55,370	40,110	6315,880	-6275,770
132+0,00	0,000	2,800	0,000	56,040	40,110	6371,920	-6331,810
133+0,00	0,000	2,810	0,000	56,070	40,110	6427,980	-6387,870
134+0,00	0,000	3,360	0,000	61,700	40,110	6489,690	-6449,580
135+0,00	0,000	2,610	0,000	59,680	40,110	6549,370	-6509,260
136+0,00	0,000	2,440	0,000	50,430	40,110	6599,800	-6559,690
137+0,00	0,000	2,410	0,000	48,440	40,110	6648,240	-6608,130
138+0,00	0,000	2,650	0,000	50,540	40,110	6698,780	-6658,670
139+0,00	0,000	2,890	0,000	55,380	40,110	6754,160	-6714,050
140+0,00	0,000	2,790	0,000	56,790	40,110	6810,950	-6770,840
141+0,00	0,000	1,980	0,000	47,650	40,110	6858,600	-6818,490
142+0,00	0,000	2,530	0,000	45,010	40,110	6903,600	-6863,490
143+0,00	0,000	2,320	0,000	48,480	40,110	6952,090	-6911,980
144+0,00	0,000	2,590	0,000	49,140	40,110	7001,220	-6961,110
145+0,00	0,000	2,780	0,000	53,700	40,110	7054,920	-7014,810
146+0,00	0,000	2,550	0,000	53,260	40,110	7108,180	-7068,070
147+0,00	0,000	2,750	0,000	53,020	40,110	7161,200	-7121,090
148+0,00	0,000	3,120	0,000	58,740	40,110	7219,930	-7179,820
149+0,00	0,000	2,650	0,000	57,750	40,110	7277,690	-7237,580
150+0,00	0,000	2,530	0,000	51,810	40,110	7329,490	-7289,380
151+0,00	0,000	2,520	0,000	50,480	40,110	7379,970	-7339,860
152+0,00	0,000	2,470	0,000	49,950	40,110	7429,920	-7389,810
153+0,00	0,000	2,570	0,000	50,420	40,110	7480,330	-7440,220
154+0,00	0,000	2,660	0,000	52,270	40,110	7532,600	-7492,490
155+0,00	0,000	2,330	0,000	49,870	40,110	7582,470	-7542,360
156+0,00	0,000	2,760	0,000	50,890	40,110	7633,360	-7593,250
157+0,00	0,000	2,390	0,000	51,540	40,110	7684,900	-7644,790
158+0,00	0,000	2,940	0,000	53,330	40,110	7738,230	-7698,120
159+0,00	0,000	2,510	0,000	54,520	40,110	7792,750	-7752,640
160+0,00	0,000	2,400	0,000	49,060	40,110	7841,810	-7801,700
161+0,00	0,000	2,760	0,000	51,600	40,110	7893,410	-7853,300
162+0,00	0,000	2,630	0,000	53,930	40,110	7947,350	-7907,240
163+0,00	0,000	2,900	0,000	55,280	40,110	8002,620	-7962,510
164+0,00	0,000	2,530	0,000	54,330	40,110	8056,950	-8016,840
165+0,00	0,000	2,410	0,000	49,460	40,110	8106,410	-8066,300
166+0,00	0,000	2,150	0,000	45,600	40,110	8152,010	-8111,900
167+0,00	0,000	2,180	0,000	43,330	40,110	8195,330	-8155,220
168+0,00	0,000	2,160	0,000	43,440	40,110	8238,780	-8198,670
169+0,00	0,000	2,000	0,000	41,650	40,110	8280,420	-8240,310
170+0,00	0,000	2,710	0,000	47,160	40,110	8327,580	-8287,470
171+0,00	0,000	2,820	0,000	55,250	40,110	8382,830	-8342,720
172+0,00	0,000	2,920	0,000	57,400	40,110	8440,230	-8400,120
173+0,00	0,000	2,920	0,000	58,460	40,110	8498,690	-8458,580
174+0,00	0,000	2,930	0,000	58,490	40,110	8557,180	-8517,070
175+0,00	0,000	2,880	0,000	58,010	40,110	8615,190	-8575,080
176+0,00	0,000	2,820	0,000	56,920	40,110	8672,110	-8632,000
177+0,00	0,000	2,740	0,000	55,570	40,110	8727,680	-8687,570
178+0,00	0,000	3,150	0,000	58,940	40,110	8786,620	-8746,510
179+0,00	0,000	3,300	0,000	64,560	40,110	8851,180	-8811,070
180+0,00	0,000	3,380	0,000	66,820	40,110	8918,000	-8877,890
181+0,00	0,000	3,590	0,000	69,740	40,110	8987,740	-8947,630
182+0,00	0,000	3,910	0,000	74,980	40,110	9062,700	-9022,590
183+0,00	0,000	4,040	0,000	79,510	40,110	9142,200	-9102,090
184+0,00	0,000	3,190	0,000	72,320	40,110	9214,520	-9174,410
185+0,00	0,000	2,540	0,000	57,270	40,110	9271,800	-9231,690
186+0,00	0,000	2,620	0,000	51,510	40,110	9323,310	-9283,200
187+0,00	0,000	2,640	0,000	52,590	40,110	9375,900	-9335,790
188+0,00	0,000	2,870	0,000	55,180	40,110	9431,080	-9390,970
189+0,00	0,000	2,980	0,000	58,520	40,110	9489,600	-9449,490
190+0,00	0,000	3,330	0,000	63,230	40,110	9552,830	-9512,720
191+0,00	0,000	3,130	0,000	65,190	40,110	9618,020	-9577,910
192+0,00	0,000	3,270	0,000	64,320	40,110	9682,340	-9642,230
193+0,00	0,000	3,310	0,000	65,830	40,110	9748,170	-9708,060
194+0,00	0,000	2,940	0,000	62,490	40,110	9810,660	-9770,550
195+0,00	0,000	3,060	0,000	59,770	40,110	9870,440	-9830,330
196+0,00	0,000	3,120	0,000	60,770	40,110	9931,210	-9891,100
197+0,00	0,000	3,580	0,000	66,710	40,110	9997,920	-9957,810
198+0,00	0,000	3,260	0,000	68,310	40,110	10066,220	-10026,110
199+0,00	0,000	3,200	0,000	64,570	40,110	10130,790	-10090,680
200+0,00	0,000	2,770	0,000	60,280	40,110	10191,070	-10150,960

Osvaldo Leôncio da Silv[illegible]bo
Diretor da Unidade de Prog[illegible]s
Projetos e Obras - DUPPO
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)
201+0,00	0,000	2,880	0,000	56,660	40,110	10247,740	-10207,630
202+0,00	0,000	3,630	0,000	65,120	40,110	10312,850	-10272,740
203+0,00	0,000	2,270	0,000	58,930	40,110	10371,780	-10331,670
204+0,00	0,000	1,900	0,000	41,400	40,110	10413,180	-10373,070
205+0,00	0,000	2,130	0,000	39,450	40,110	10452,630	-10412,520
206+0,00	0,000	2,240	0,000	43,330	40,110	10495,960	-10455,850
207+0,00	0,000	2,210	0,000	44,480	40,110	10540,440	-10500,330
208+0,00	0,000	1,580	0,000	37,870	40,110	10578,310	-10538,200
209+0,00	0,010	1,060	0,140	26,340	40,240	10604,650	-10564,410
210+0,00	0,000	1,440	0,140	24,710	40,390	10629,360	-10588,970
211+0,00	0,000	1,980	0,000	34,160	40,390	10663,520	-10623,130
212+0,00	0,000	2,330	0,000	42,960	40,390	10706,480	-10666,090
213+0,00	0,000	2,430	0,000	47,520	40,390	10754,000	-10713,610
214+0,00	0,000	2,240	0,000	46,700	40,390	10800,700	-10760,310
215+0,00	0,000	2,150	0,000	43,950	40,390	10844,640	-10804,250
216+0,00	0,000	2,390	0,000	45,370	40,390	10890,020	-10849,630
217+0,00	0,000	2,370	0,000	47,580	40,390	10937,600	-10897,210
218+0,00	0,000	2,340	0,000	47,060	40,390	10984,660	-10944,270
219+0,00	0,000	2,540	0,000	48,760	40,390	11033,420	-10993,030
220+0,00	0,000	2,340	0,000	48,850	40,390	11082,270	-11041,880
221+0,00	0,000	2,730	0,000	50,720	40,390	11132,990	-11092,600
222+0,00	0,000	2,780	0,000	55,140	40,390	11188,120	-11147,730
223+0,00	0,000	2,830	0,000	55,950	40,390	11244,070	-11203,680
224+0,00	0,000	2,640	0,000	54,530	40,390	11298,600	-11258,210
225+0,00	0,000	2,750	0,000	53,950	40,390	11352,550	-11312,160
226+0,00	0,000	2,670	0,000	54,460	40,390	11407,010	-11366,620
227+0,00	0,000	2,680	0,000	53,520	40,390	11460,530	-11420,140
228+0,00	0,000	2,600	0,000	52,850	40,390	11513,380	-11472,990
229+0,00	0,000	2,040	0,000	46,430	40,390	11559,810	-11519,420
230+0,00	0,000	1,610	0,000	36,400	40,390	11596,210	-11555,820
231+0,00	0,000	1,080	0,000	26,900	40,390	11623,110	-11582,720
232+0,00	0,000	1,880	0,000	29,650	40,390	11652,760	-11612,370
233+0,00	0,000	2,810	0,000	46,920	40,390	11699,680	-11659,290
234+0,00	0,000	2,870	0,000	56,850	40,390	11756,530	-11716,140
235+0,00	0,000	2,830	0,000	57,060	40,390	11813,590	-11773,200
236+0,00	0,000	3,080	0,000	59,120	40,390	11872,720	-11832,330
237+0,00	0,000	2,910	0,000	60,060	40,390	11932,780	-11892,390
238+0,00	0,000	2,900	0,000	58,130	40,390	11990,910	-11950,520
239+0,00	0,000	2,750	0,000	56,520	40,390	12047,430	-12007,040
240+0,00	0,000	2,870	0,000	56,460	40,390	12103,890	-12063,500
241+0,00	0,000	2,350	0,000	52,330	40,390	12156,220	-12115,830
242+0,00	0,000	2,340	0,000	46,950	40,390	12203,170	-12162,780
243+0,00	0,000	2,070	0,000	44,180	40,390	12247,350	-12206,960
244+0,00	0,000	1,850	0,000	39,270	40,390	12286,620	-12246,230
245+0,00	0,000	2,220	0,000	40,760	40,390	12327,380	-12286,990
246+0,00	0,000	2,200	0,000	44,170	40,390	12371,550	-12331,160
247+0,00	0,000	2,580	0,000	47,770	40,390	12419,320	-12378,930
248+0,00	0,000	2,540	0,000	51,220	40,390	12470,550	-12430,160
249+0,00	0,000	2,290	0,000	48,300	40,390	12518,850	-12478,460
250+0,00	0,000	2,370	0,000	46,620	40,390	12565,470	-12525,080
251+0,00	0,000	2,320	0,000	46,910	40,390	12612,380	-12571,990
252+0,00	0,000	2,300	0,000	46,230	40,390	12658,610	-12618,220
253+0,00	0,000	2,380	0,000	46,850	40,390	12705,460	-12665,070
254+0,00	0,000	2,490	0,000	48,680	40,390	12754,140	-12713,750
255+0,00	0,000	2,350	0,000	48,340	40,390	12802,490	-12762,100
256+0,00	0,000	2,700	0,000	50,410	40,390	12852,900	-12812,510
257+0,00	0,000	2,970	0,000	56,620	40,390	12909,520	-12869,130
258+0,00	0,000	2,920	0,000	58,880	40,390	12968,400	-12928,010
259+0,00	0,000	3,000	0,000	59,060	40,390	13027,460	-12987,070
260+0,00	0,000	2,500	0,000	54,930	40,390	13082,390	-13042,000
261+0,00	0,000	2,970	0,000	54,830	40,390	13137,220	-13096,830
262+0,00	0,000	3,070	0,000	60,680	40,390	13197,900	-13157,510
263+0,00	0,000	2,780	0,000	58,540	40,390	13256,440	-13216,050
264+0,00	0,000	2,910	0,000	56,790	40,390	13313,240	-13272,850
265+0,00	0,000	2,650	0,000	55,480	40,390	13368,720	-13328,330
266+0,00	0,000	2,610	0,000	52,550	40,390	13421,270	-13380,880
267+0,00	0,000	2,190	0,000	47,920	40,390	13469,190	-13428,800
268+0,00	0,000	1,480	0,000	36,640	40,390	13505,830	-13465,440
269+0,00	0,000	1,530	0,000	30,140	40,390	13535,970	-13495,580
270+0,00	0,000	1,600	0,000	31,060	40,390	13567,030	-13526,640

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Sec...)

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)
271+0,00	0,000	1,730	0,000	33,270	40,390	13600,300	-13559,910
272+0,00	0,000	2,040	0,000	37,680	40,390	13637,980	-13597,590
273+0,00	0,000	2,400	0,000	44,170	40,390	13682,160	-13641,770
274+0,00	0,000	2,400	0,000	48,000	40,390	13730,160	-13689,770
275+0,00	0,000	2,090	0,000	44,940	40,390	13775,100	-13734,710
276+0,00	0,000	2,230	0,000	43,260	40,390	13818,360	-13777,970
277+0,00	0,000	2,050	0,000	42,900	40,390	13861,260	-13820,870
278+0,00	0,000	1,970	0,000	40,310	40,390	13901,570	-13861,180
279+0,00	0,000	1,820	0,000	38,060	40,390	13939,620	-13899,230
280+0,00	0,000	1,280	0,000	30,950	40,390	13970,580	-13930,190
281+0,00	0,000	1,070	0,000	23,490	40,390	13994,070	-13953,680
282+0,00	0,000	0,760	0,000	18,220	40,390	14012,290	-13971,900
283+0,00	0,030	0,320	0,350	10,730	40,740	14023,030	-13982,290
284+0,00	0,040	0,540	0,790	8,640	41,520	14031,670	-13990,150
285+0,00	0,020	0,700	0,660	12,410	42,180	14044,070	-14001,890
286+0,00	0,000	0,960	0,210	16,600	42,390	14060,680	-14018,290
287+0,00	0,000	1,680	0,000	26,390	42,390	14087,060	-14044,670
288+0,00	0,000	2,460	0,000	41,470	42,390	14128,530	-14086,140
289+0,00	0,000	3,030	0,000	54,830	42,390	14183,370	-14140,980
290+0,00	0,000	2,980	0,000	60,330	42,390	14243,700	-14201,310
291+0,00	0,000	2,410	0,010	53,890	42,400	14297,590	-14255,190
292+0,00	0,000	2,730	0,010	51,460	42,420	14349,050	-14306,630
293+0,00	0,000	2,710	0,010	54,410	42,420	14403,450	-14361,030
294+0,00	0,000	3,120	0,010	58,330	42,430	14461,790	-14419,360
295+0,00	0,000	3,000	0,000	61,070	42,430	14522,860	-14480,430
296+0,00	0,000	2,780	0,000	57,830	42,430	14580,690	-14538,260
297+0,00	0,000	2,740	0,000	55,270	42,430	14635,970	-14593,540
298+0,00	0,000	2,870	0,000	56,160	42,430	14692,120	-14649,690
299+0,00	0,000	3,060	0,000	59,270	42,430	14751,400	-14708,970
300+0,00	0,000	4,530	0,000	75,880	42,430	14827,270	-14784,840
301+0,00	0,000	3,940	0,000	84,720	42,430	14911,990	-14869,560
302+0,00	0,000	3,280	0,000	72,200	42,430	14984,190	-14941,760
303+0,00	0,000	2,550	0,000	58,300	42,430	15042,490	-15000,060
304+0,00	0,000	2,380	0,000	49,270	42,430	15091,760	-15049,330
305+0,00	0,000	2,320	0,000	47,010	42,430	15138,770	-15096,340
306+0,00	0,000	3,650	0,000	59,740	42,430	15198,510	-15156,080
307+0,00	0,000	3,560	0,000	72,100	42,430	15270,610	-15228,180
308+0,00	0,000	3,250	0,000	68,090	42,430	15338,700	-15296,270
309+0,00	0,000	2,430	0,000	56,830	42,430	15395,530	-15353,100
310+0,00	0,000	1,580	0,000	40,130	42,430	15435,660	-15393,230
311+0,00	0,000	0,760	0,000	23,340	42,430	15459,000	-15416,570
312+0,00	0,000	0,640	0,000	13,960	42,430	15472,960	-15430,530
313+0,00	0,000	1,470	0,000	21,070	42,430	15494,030	-15451,600
314+0,00	0,000	2,400	0,000	38,670	42,430	15532,700	-15490,270
315+0,00	0,000	2,680	0,000	50,750	42,430	15583,450	-15541,020
316+0,00	0,000	3,010	0,000	56,820	42,430	15640,270	-15597,840
317+0,00	0,000	2,830	0,000	58,430	42,430	15698,700	-15656,270
318+0,00	0,000	2,850	0,000	56,920	42,430	15755,610	-15713,180
319+0,00	0,000	3,090	0,000	59,400	42,430	15815,010	-15772,580
320+0,00	0,000	2,910	0,000	59,990	42,430	15875,000	-15832,570
321+0,00	0,000	2,780	0,000	56,850	42,430	15931,850	-15889,420
322+0,00	0,000	2,710	0,000	54,810	42,430	15986,660	-15944,230
323+0,00	0,000	3,410	0,000	61,200	42,430	16047,870	-16005,440
324+0,00	0,000	3,410	0,000	68,250	42,430	16116,120	-16073,690
325+0,00	0,000	3,530	0,000	69,460	42,430	16185,580	-16143,150
326+0,00	0,000	3,160	0,000	66,920	42,430	16252,500	-16210,070
327+0,00	0,000	2,700	0,000	58,690	42,430	16311,180	-16268,750
328+0,00	0,000	2,360	0,000	50,600	42,430	16361,780	-16319,350
329+0,00	0,000	2,550	0,000	49,260	42,430	16411,040	-16368,610
330+0,00	0,000	1,830	0,000	43,830	42,430	16454,870	-16412,440
331+0,00	0,000	2,740	0,000	45,710	42,430	16500,580	-16458,150
332+0,00	0,000	2,730	0,000	54,760	42,430	16555,340	-16512,910
333+0,00	0,000	2,040	0,000	47,650	42,430	16602,990	-16560,560
334+0,00	0,000	2,530	0,000	45,690	42,430	16648,680	-16606,250
335+0,00	0,000	2,710	0,000	52,370	42,430	16701,050	-16658,620
336+0,00	0,000	2,710	0,000	54,190	42,430	16755,250	-16712,820
337+0,00	0,000	2,570	0,000	52,780	42,430	16808,030	-16765,600
338+0,00	0,000	2,410	0,000	49,800	42,430	16857,830	-16815,400
339+0,00	0,000	2,110	0,000	45,060	42,430	16902,890	-16860,460
340+0,00	0,000	2,020	0,000	41,250	42,430	16944,130	-16901,700

Osvaldo Leôncio da Silva Filho
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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)
341+0,00	0,000	2,020	0,000	40,310	42,430	16984,440	-16942,010
342+0,00	0,000	2,460	0,000	44,720	42,430	17029,160	-16986,730
343+0,00	0,000	2,900	0,000	53,240	42,430	17082,400	-17039,970
344+0,00	0,000	2,870	0,000	57,650	42,430	17140,050	-17097,620
345+0,00	0,000	3,140	0,000	60,000	42,430	17200,050	-17157,620
346+0,00	0,000	2,720	0,000	58,520	42,430	17258,570	-17216,140
347+0,00	0,000	3,000	0,000	57,070	42,430	17315,640	-17273,210
348+0,00	0,000	2,360	0,000	53,570	42,430	17369,210	-17326,780
349+0,00	0,000	2,740	0,000	50,970	42,430	17420,180	-17377,750
350+0,00	0,000	3,030	0,000	57,650	42,430	17477,820	-17435,390
351+0,00	0,000	3,050	0,000	60,690	42,430	17538,520	-17496,090
352+0,00	0,000	2,850	0,000	58,970	42,430	17597,490	-17555,060
353+0,00	0,000	2,810	0,000	56,670	42,430	17654,160	-17611,730
354+0,00	0,000	2,160	0,000	49,960	42,430	17704,120	-17661,690
355+0,00	0,000	2,140	0,000	43,130	42,430	17747,240	-17704,810
356+0,00	0,000	2,340	0,000	44,880	42,430	17792,120	-17749,690
357+0,00	0,000	2,870	0,000	52,210	42,430	17844,330	-17801,900
358+0,00	0,000	3,130	0,000	59,950	42,430	17904,280	-17861,850
359+0,00	0,000	3,270	0,000	64,000	42,430	17968,290	-17925,860
360+0,00	0,000	3,130	0,000	64,080	42,430	18032,370	-17989,940
361+0,00	0,000	3,170	0,000	63,040	42,430	18095,410	-18052,980
362+0,00	0,000	5,350	0,000	85,170	42,430	18180,580	-18138,150
363+0,00	0,000	5,680	0,000	110,340	42,430	18290,920	-18248,490
364+0,00	0,000	4,850	0,000	105,380	42,430	18396,310	-18353,880
365+0,00	0,000	3,610	0,000	84,630	42,430	18480,940	-18438,510
366+0,00	0,000	3,320	0,000	69,290	42,430	18550,230	-18507,800
367+0,00	0,000	3,020	0,000	63,390	42,430	18613,620	-18571,190
368+0,00	0,000	3,040	0,000	60,630	42,430	18674,250	-18631,820
369+0,00	0,000	2,920	0,000	59,670	42,430	18733,920	-18691,490
370+0,00	0,000	3,590	0,000	65,220	42,430	18799,150	-18756,720
371+0,00	0,000	5,130	0,000	87,160	42,430	18886,310	-18843,880
372+0,00	0,000	6,160	0,000	112,840	42,430	18999,150	-18956,720
373+0,00	0,000	5,000	0,000	111,560	42,430	19110,710	-19068,280
374+0,00	0,000	2,420	0,000	74,180	42,430	19184,890	-19142,460
375+0,00	0,000	2,430	0,000	48,490	42,430	19233,380	-19190,950
376+0,00	0,000	2,560	0,000	49,920	42,430	19283,300	-19240,870
377+0,00	0,000	2,590	0,000	51,560	42,430	19334,860	-19292,430
378+0,00	0,000	2,260	0,000	48,540	42,430	19383,400	-19340,970
379+0,00	0,000	1,630	0,000	38,970	42,430	19422,370	-19379,940
380+0,00	0,000	2,290	0,000	39,210	42,430	19461,590	-19419,160
381+0,00	0,000	2,830	0,000	51,170	42,430	19512,750	-19470,320
382+0,00	0,000	2,550	0,000	53,780	42,430	19566,530	-19524,100
383+0,00	0,000	1,970	0,000	45,180	42,430	19611,720	-19569,290
384+0,00	0,000	2,330	0,000	43,040	42,430	19654,760	-19612,330
385+0,00	0,000	2,900	0,000	52,290	42,430	19707,050	-19664,620
386+0,00	0,000	3,180	0,000	60,780	42,430	19767,840	-19725,410
387+0,00	0,000	2,700	0,000	58,870	42,430	19826,700	-19784,270
388+0,00	0,000	2,120	0,000	48,200	42,430	19874,910	-19832,480
389+0,00	0,020	1,250	0,180	33,640	42,620	19908,550	-19865,930
390+0,00	0,000	1,470	0,220	27,180	42,840	19935,730	-19892,890
391+0,00	0,010	1,320	0,130	27,910	42,970	19963,640	-19920,670
392+0,00	0,000	2,160	0,100	34,850	43,070	19998,490	-19955,420
393+0,00	0,000	2,480	0,000	46,420	43,070	20044,910	-20001,840
394+0,00	0,000	2,730	0,000	52,110	43,070	20097,020	-20053,950
395+0,00	0,000	2,470	0,000	52,070	43,070	20149,090	-20106,020
396+0,00	0,000	2,880	0,000	53,530	43,070	20202,620	-20159,550
397+0,00	0,000	2,410	0,000	52,880	43,070	20255,500	-20212,430
398+0,00	0,000	2,590	0,000	49,940	43,070	20305,440	-20262,370
399+0,00	0,000	2,790	0,000	53,730	43,070	20359,170	-20316,100
400+0,00	0,000	2,530	0,000	53,130	43,070	20412,290	-20369,220
401+0,00	0,000	2,200	0,000	47,300	43,070	20459,600	-20416,530
402+0,00	0,000	2,290	0,000	44,930	43,070	20504,520	-20461,450
403+0,00	0,010	1,330	0,110	36,410	43,190	20540,930	-20497,740
404+0,00	0,000	1,940	0,120	32,710	43,300	20573,640	-20530,340
405+0,00	0,000	2,270	0,000	42,110	43,300	20615,750	-20572,450
406+0,00	0,000	2,240	0,000	44,830	43,300	20660,580	-20617,280
407+0,00	0,000	2,720	0,000	49,700	43,300	20710,270	-20666,970
408+0,00	0,000	2,120	0,000	48,370	43,300	20758,640	-20715,340
409+0,00	0,000	3,250	0,000	53,720	43,300	20812,360	-20769,060
410+0,00	0,000	2,930	0,000	61,860	43,300	20874,220	-20830,920

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411+0,00	0,000	2,520	0,000	54,480	43,300	20928,690	-20885,390
412+0,00	0,000	2,220	0,000	47,330	43,300	20976,020	-20932,720
413+0,00	0,000	2,540	0,000	47,580	43,300	21023,600	-20980,300
414+0,00	0,000	1,530	0,000	40,730	43,300	21064,330	-21021,030
415+0,00	0,000	2,070	0,000	35,910	43,300	21100,240	-21056,940
416+0,00	0,000	2,150	0,000	42,210	43,300	21142,450	-21099,150
417+0,00	0,000	2,160	0,000	43,180	43,300	21185,630	-21142,330
418+0,00	0,000	2,250	0,000	44,170	43,300	21229,810	-21186,510
419+0,00	0,000	0,560	0,030	28,160	43,330	21257,970	-21214,640
420+0,00	0,000	1,490	0,030	20,600	43,360	21278,570	-21235,210
421+0,00	0,000	2,920	0,000	44,170	43,360	21322,740	-21279,380
422+0,00	0,000	3,340	0,000	63,050	43,360	21385,790	-21342,430
423+0,00	0,000	2,960	0,000	63,060	43,360	21448,850	-21405,490
424+0,00	0,000	2,980	0,000	59,640	43,360	21508,490	-21465,130
425+0,00	0,000	2,370	0,000	53,720	43,360	21562,220	-21518,860
426+0,00	0,000	2,830	0,000	51,940	43,360	21614,160	-21570,800
427+0,00	0,000	3,070	0,000	59,080	43,360	21673,240	-21629,880
428+0,00	0,000	2,700	0,000	57,730	43,360	21730,970	-21687,610
429+0,00	0,000	3,120	0,000	58,260	43,360	21789,230	-21745,870
430+0,00	0,000	3,270	0,000	64,000	43,360	21853,230	-21809,870
431+0,00	0,000	3,530	0,000	67,990	43,360	21921,220	-21877,860
432+0,00	0,000	3,030	0,000	65,630	43,360	21986,860	-21943,500
433+0,00	0,000	3,310	0,000	63,430	43,360	22050,290	-22006,930
434+0,00	0,000	3,220	0,000	65,300	43,360	22115,590	-22072,230
435+0,00	0,000	3,450	0,000	66,690	43,360	22182,280	-22138,920
436+0,00	0,000	3,370	0,000	68,170	43,360	22250,450	-22207,090
437+0,00	0,000	3,340	0,000	67,060	43,360	22317,510	-22274,150
438+0,00	0,000	3,470	0,000	68,050	43,360	22385,560	-22342,200
439+0,00	0,000	3,410	0,000	68,770	43,360	22454,330	-22410,970
440+0,00	0,000	3,270	0,000	66,790	43,360	22521,120	-22477,760
441+0,00	0,000	3,220	0,000	64,920	43,360	22586,040	-22542,680
442+0,00	0,000	3,110	0,000	63,310	43,360	22649,350	-22605,990
443+0,00	0,000	3,100	0,000	62,130	43,360	22711,480	-22668,120
444+0,00	0,000	3,110	0,000	62,130	43,360	22773,610	-22730,250
445+0,00	0,000	3,000	0,000	61,080	43,360	22834,690	-22791,330
446+0,00	0,000	2,860	0,000	58,630	43,360	22893,320	-22849,960
447+0,00	0,000	2,880	0,000	57,410	43,360	22950,730	-22907,370
448+0,00	0,000	2,880	0,000	57,560	43,360	23008,290	-22964,930
449+0,00	0,000	2,780	0,000	56,660	43,360	23064,940	-23021,580
450+0,00	0,000	2,680	0,000	54,600	43,360	23119,550	-23076,190
451+0,00	0,000	2,620	0,000	52,990	43,360	23172,540	-23129,180
452+0,00	0,000	2,400	0,000	50,230	43,360	23222,770	-23179,410
453+0,00	0,000	3,030	0,000	54,350	43,360	23277,120	-23233,760
454+0,00	0,000	2,400	0,000	54,320	43,360	23331,440	-23288,080
455+0,00	0,000	2,430	0,000	48,260	43,360	23379,700	-23336,340
456+0,00	0,000	2,130	0,000	45,610	43,360	23425,310	-23381,950
457+0,00	0,000	2,510	0,000	46,410	43,360	23471,720	-23428,360
458+0,00	0,000	2,630	0,000	51,100	43,360	23522,830	-23479,470
459+0,00	0,000	2,930	0,000	55,600	43,360	23578,420	-23535,060
460+0,00	0,000	1,780	0,000	47,070	43,360	23625,490	-23582,130
461+0,00	0,000	2,210	0,000	39,890	43,360	23665,380	-23622,020
462+0,00	0,000	2,740	0,000	49,480	43,360	23714,860	-23671,500
463+0,00	0,000	3,060	0,000	57,950	43,360	23772,810	-23729,450
464+0,00	0,000	2,300	0,000	53,610	43,360	23826,420	-23783,060
465+0,00	0,000	2,620	0,000	49,190	43,360	23875,610	-23832,250
466+0,00	0,000	2,420	0,000	50,380	43,360	23925,990	-23882,630
467+0,00	0,000	2,550	0,000	49,770	43,360	23975,760	-23932,400
468+0,00	0,000	2,110	0,000	46,600	43,360	24022,360	-23979,000
469+0,00	0,000	1,690	0,000	37,980	43,360	24060,350	-24016,990
470+0,00	0,000	1,170	0,000	28,570	43,360	24088,910	-24045,550
471+0,00	0,000	1,340	0,000	25,030	43,360	24113,950	-24070,590
472+0,00	0,000	2,330	0,000	36,720	43,360	24150,670	-24107,310
473+0,00	0,000	2,350	0,000	46,870	43,360	24197,540	-24154,180
474+0,00	0,000	2,460	0,000	48,070	43,360	24245,620	-24202,260
475+0,00	0,000	2,670	0,000	51,260	43,360	24296,880	-24253,520
476+0,00	0,000	2,860	0,000	55,110	43,360	24351,990	-24308,630
477+0,00	0,000	2,690	0,000	55,590	43,360	24407,590	-24364,230
478+0,00	0,000	2,790	0,000	54,900	43,360	24462,490	-24419,130
479+0,00	0,000	2,800	0,000	56,080	43,360	24518,570	-24475,210
480+0,00	0,000	2,700	0,000	55,060	43,360	24573,630	-24530,270

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481+0,00	0,000	2,520	0,000	52,330	43,360	24625,960	-24582,600
482+0,00	0,000	2,630	0,000	51,520	43,360	24677,480	-24634,120
483+0,00	0,000	2,170	0,000	47,960	43,360	24725,440	-24682,080
484+0,00	0,000	2,300	0,000	44,760	43,360	24770,190	-24726,830
485+0,00	0,000	2,440	0,000	47,390	43,360	24817,580	-24774,220
486+0,00	0,000	2,590	0,000	50,220	43,360	24867,810	-24824,450
487+0,00	0,000	2,900	0,000	54,880	43,360	24922,680	-24879,320
488+0,00	0,000	3,060	0,000	59,650	43,360	24982,340	-24938,980
489+0,00	0,000	3,260	0,000	63,260	43,360	25045,600	-25002,240
490+0,00	0,000	2,560	0,000	58,200	43,360	25103,790	-25060,430
491+0,00	0,000	2,660	0,000	52,200	43,360	25155,990	-25112,630
492+0,00	0,000	2,770	0,000	54,450	43,360	25210,440	-25167,080
493+0,00	0,000	3,030	0,000	57,990	43,360	25268,430	-25225,070
494+0,00	0,000	2,950	0,000	59,650	43,360	25328,080	-25284,720
495+0,00	0,000	3,260	0,000	62,110	43,360	25390,190	-25346,830
496+0,00	0,000	2,690	0,000	59,490	43,360	25449,680	-25406,320
497+0,00	0,000	2,170	0,000	48,590	43,360	25498,280	-25454,920
498+0,00	0,000	2,060	0,000	42,370	43,360	25540,650	-25497,290
499+0,00	0,000	2,220	0,000	42,800	43,360	25583,450	-25540,090
500+0,00	0,000	2,430	0,000	46,490	43,360	25629,930	-25586,570
501+0,00	0,000	2,800	0,000	52,340	43,360	25682,280	-25638,920
502+0,00	0,000	2,640	0,000	54,450	43,360	25736,730	-25693,370
503+0,00	0,000	1,900	0,000	45,420	43,360	25782,150	-25738,790
504+0,00	0,000	2,360	0,000	42,590	43,360	25824,730	-25781,370
505+0,00	0,000	3,190	0,000	55,520	43,360	25880,250	-25836,890
506+0,00	0,000	3,120	0,000	63,050	43,360	25943,300	-25899,940
507+0,00	0,000	2,720	0,000	58,370	43,360	26001,670	-25958,310
508+0,00	0,000	3,240	0,000	59,600	43,360	26061,260	-26017,900
509+0,00	0,000	3,290	0,000	64,990	43,360	26126,260	-26082,900
510+0,00	0,000	3,280	0,000	65,590	43,360	26191,850	-26148,490
511+0,00	0,000	2,890	0,000	61,810	43,360	26253,660	-26210,300
512+0,00	0,000	2,570	0,000	54,800	43,360	26308,460	-26265,100
513+0,00	0,000	2,770	0,000	53,390	43,360	26361,850	-26318,490
514+0,00	0,000	2,640	0,000	54,240	43,360	26416,090	-26372,730
515+0,00	0,000	2,760	0,000	53,960	43,360	26470,050	-26426,690
516+0,00	0,000	2,500	0,000	52,580	43,360	26522,630	-26479,270
517+0,00	0,000	2,870	0,000	53,670	43,360	26576,290	-26532,930
518+0,00	0,000	2,680	0,000	55,600	43,360	26631,900	-26588,540
519+0,00	0,000	2,700	0,000	53,910	43,360	26685,810	-26642,450
520+0,00	0,000	2,710	0,000	54,100	43,360	26739,910	-26696,550
521+0,00	0,000	2,810	0,000	55,230	43,360	26795,140	-26751,780
522+0,00	0,000	2,670	0,000	54,780	43,360	26849,920	-26806,560
523+0,00	0,000	2,720	0,000	53,840	43,360	26903,760	-26860,400
524+0,00	0,000	2,810	0,000	55,250	43,360	26959,010	-26915,650
525+0,00	0,000	2,760	0,000	55,710	43,360	27014,720	-26971,360
526+0,00	0,000	2,830	0,000	55,860	43,360	27070,580	-27027,220
527+0,00	0,000	3,650	0,000	64,800	43,360	27135,380	-27092,020
528+0,00	0,000	4,220	0,000	78,710	43,360	27214,090	-27170,730
529+0,00	0,000	3,660	0,000	78,800	43,360	27292,890	-27249,530
530+0,00	0,000	2,960	0,000	66,480	43,360	27359,360	-27316,000
531+0,00	0,000	2,490	0,000	54,730	43,360	27414,100	-27370,740
532+0,00	0,000	2,160	0,000	46,620	43,360	27460,720	-27417,360
533+0,00	0,000	2,710	0,000	48,650	43,360	27509,370	-27466,010
534+0,00	0,000	2,560	0,000	52,800	43,360	27562,170	-27518,810
535+0,00	0,000	2,560	0,000	51,200	43,360	27613,370	-27570,010
536+0,00	0,000	2,470	0,000	50,280	43,360	27663,640	-27620,280
537+0,00	0,000	2,920	0,000	53,920	43,360	27717,570	-27674,210
538+0,00	0,000	3,480	0,000	64,050	43,360	27781,620	-27738,260
539+0,00	0,000	3,130	0,000	66,110	43,360	27847,730	-27804,370
540+0,00	0,000	2,990	0,000	61,130	43,360	27908,860	-27865,500
541+0,00	0,000	2,810	0,000	58,020	43,360	27966,880	-27923,520
542+0,00	0,000	2,760	0,000	55,640	43,360	28022,520	-27979,160
543+0,00	0,000	3,210	0,000	59,610	43,360	28082,120	-28038,760
544+0,00	0,000	2,630	0,000	58,300	43,360	28140,420	-28097,060
545+0,00	0,000	2,400	0,000	49,750	43,360	28190,170	-28146,810
546+0,00	0,000	2,490	0,000	48,280	43,360	28238,450	-28195,090
547+0,00	0,000	2,710	0,000	51,860	43,360	28290,310	-28246,950
548+0,00	0,000	2,680	0,000	53,830	43,360	28344,150	-28300,790
549+0,00	0,000	2,400	0,000	50,740	43,360	28394,880	-28351,520
550+0,00	0,000	2,460	0,000	48,550	43,360	28443,440	-28400,080

Osvaldo Leôncio da Silva
Diretor da Unidade de Projetos
Projetos e Obras - DER/PE
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)
551+0,00	0,000	2,310	0,000	47,660	43,360	28491,100	-28447,740
552+0,00	0,000	2,260	0,000	45,720	43,360	28536,820	-28493,460
553+0,00	0,000	2,390	0,000	46,540	43,360	28583,350	-28539,990
554+0,00	0,000	2,630	0,000	50,140	43,360	28633,500	-28590,140
555+0,00	0,000	2,400	0,000	50,250	43,360	28683,750	-28640,390
556+0,00	0,000	2,490	0,000	48,940	43,360	28732,690	-28689,330
557+0,00	0,000	2,300	0,000	48,330	43,360	28781,020	-28737,660
558+0,00	0,000	2,260	0,000	45,860	43,360	28826,880	-28783,520
559+0,00	0,000	2,220	0,000	45,130	43,360	28872,010	-28828,650
560+0,00	0,000	2,200	0,000	44,360	43,360	28916,370	-28873,010
561+0,00	0,000	2,200	0,000	44,130	43,360	28960,490	-28917,130
562+0,00	0,000	2,360	0,000	45,620	43,360	29006,120	-28962,760
563+0,00	0,000	2,060	0,000	44,220	43,360	29050,340	-29006,980
564+0,00	0,000	2,330	0,000	44,000	43,360	29094,340	-29050,980
565+0,00	0,000	2,450	0,000	47,920	43,360	29142,270	-29098,910
566+0,00	0,000	2,250	0,000	46,870	43,360	29189,140	-29145,780
567+0,00	0,000	2,490	0,000	47,430	43,360	29236,570	-29193,210
568+0,00	0,000	2,620	0,000	51,080	43,360	29287,650	-29244,290
569+0,00	0,000	3,210	0,000	58,290	43,360	29345,940	-29302,580
570+0,00	0,000	3,020	0,000	62,340	43,360	29408,290	-29364,930
571+0,00	0,000	2,720	0,000	57,400	43,360	29465,680	-29422,320
572+0,00	0,000	2,940	0,000	56,540	43,360	29522,220	-29478,860
573+0,00	0,000	3,500	0,000	64,390	43,360	29586,610	-29543,250
574+0,00	0,000	3,120	0,000	66,250	43,360	29652,860	-29609,500
575+0,00	0,000	3,250	0,000	63,710	43,360	29716,570	-29673,210
576+0,00	0,000	3,030	0,000	62,820	43,360	29779,400	-29736,040
577+0,00	0,000	2,770	0,000	58,000	43,360	29837,400	-29794,040
578+0,00	0,000	2,500	0,000	52,650	43,360	29890,050	-29846,690
579+0,00	0,000	3,230	0,000	57,280	43,360	29947,320	-29903,960
580+0,00	0,000	3,580	0,000	68,130	43,360	30015,450	-29972,090
581+0,00	0,000	3,540	0,000	71,220	43,360	30086,670	-30043,310
582+0,00	0,000	3,370	0,000	69,050	43,360	30155,710	-30112,350
583+0,00	0,000	3,270	0,000	66,170	43,360	30221,890	-30178,530
584+0,00	0,000	3,220	0,000	64,870	43,360	30286,750	-30243,390
585+0,00	0,000	2,710	0,000	59,250	43,360	30346,000	-30302,640
586+0,00	0,000	3,090	0,000	58,010	43,360	30404,010	-30360,650
587+0,00	0,000	2,710	0,000	58,080	43,360	30462,090	-30418,730
588+0,00	0,000	2,850	0,000	55,640	43,360	30517,730	-30474,370
589+0,00	0,000	2,930	0,000	57,800	43,360	30575,520	-30532,160
590+0,00	0,000	3,030	0,000	59,660	43,360	30635,180	-30591,820
591+0,00	0,000	2,960	0,000	60,110	43,360	30695,290	-30651,930
592+0,00	0,000	2,950	0,000	59,250	43,360	30754,540	-30711,180
593+0,00	0,000	2,920	0,000	58,810	43,360	30813,350	-30769,990
594+0,00	0,000	2,750	0,000	56,770	43,360	30870,120	-30826,760
595+0,00	0,000	2,890	0,000	56,390	43,360	30926,510	-30883,150
596+0,00	0,000	2,800	0,000	56,900	43,360	30983,410	-30940,050
597+0,00	0,000	2,850	0,000	56,600	43,360	31040,010	-30996,650
598+0,00	0,000	3,480	0,000	63,310	43,360	31103,320	-31059,960
599+0,00	0,000	3,100	0,000	66,400	43,360	31169,730	-31126,370
600+0,00	0,000	2,780	0,000	59,160	43,360	31228,890	-31185,530
601+0,00	0,000	3,060	0,000	58,590	43,360	31287,480	-31244,120
602+0,00	0,000	2,640	0,000	57,020	43,360	31344,500	-31301,140
603+0,00	0,000	2,560	0,000	51,950	43,360	31396,450	-31353,090
604+0,00	0,000	2,430	0,000	49,850	43,360	31446,300	-31402,940
605+0,00	0,000	2,480	0,000	48,950	43,360	31495,260	-31451,900
606+0,00	0,000	2,400	0,000	48,610	43,360	31543,860	-31500,500
607+0,00	0,000	2,630	0,000	50,030	43,360	31593,890	-31550,530
608+0,00	0,000	2,620	0,000	52,520	43,360	31646,410	-31603,050
609+0,00	0,000	2,520	0,000	51,390	43,360	31697,800	-31654,440
610+0,00	0,000	2,370	0,000	48,930	43,360	31746,730	-31703,370
611+0,00	0,000	2,470	0,000	48,390	43,360	31795,120	-31751,760
612+0,00	0,000	2,200	0,000	46,710	43,360	31841,830	-31798,470
613+0,00	0,000	2,000	0,000	42,070	43,360	31883,900	-31840,540
614+0,00	0,000	2,130	0,000	41,310	43,360	31925,200	-31881,840
615+0,00	0,000	1,820	0,000	39,560	43,360	31964,770	-31921,410
616+0,00	0,000	2,160	0,000	39,380	43,360	32004,150	-31960,790
617+0,00	0,000	2,280	0,000	44,390	43,360	32048,540	-32005,180
618+0,00	0,000	2,010	0,000	42,870	43,360	32091,410	-32048,050
619+0,00	0,000	2,350	0,000	43,250	43,360	32134,660	-32091,300
620+0,00	0,000	2,710	0,000	50,380	43,360	32185,040	-32141,680

Osvaldo Leôncio da Silva F
Diretor da Unidade de Progra...
Projetos e Obras - DUPO
Secretaria das Obras (S...

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)
621+0,00	0,000	2,870	0,000	55,460	43,360	32240,500	-32197,140
622+0,00	0,000	3,540	0,000	64,080	43,360	32304,580	-32261,220
623+0,00	0,000	3,100	0,000	66,830	43,360	32371,420	-32328,060
624+0,00	0,000	2,860	0,000	60,360	43,360	32431,770	-32388,410
625+0,00	0,000	3,170	0,000	60,540	43,360	32492,320	-32448,960
626+0,00	0,000	2,810	0,000	60,760	43,360	32553,070	-32509,710
627+0,00	0,000	2,860	0,000	56,930	43,360	32610,010	-32566,650
628+0,00	0,000	2,810	0,000	56,720	43,360	32666,730	-32623,370
629+0,00	0,000	2,760	0,000	55,730	43,360	32722,460	-32679,100
630+0,00	0,000	2,920	0,000	56,860	43,360	32779,320	-32735,960
631+0,00	0,000	2,250	0,000	51,850	43,360	32831,170	-32787,810
632+0,00	0,000	2,340	0,000	45,940	43,360	32877,110	-32833,750
633+0,00	0,000	2,400	0,000	47,320	43,360	32924,430	-32881,070
634+0,00	0,000	2,230	0,000	46,280	43,360	32970,710	-32927,350
635+0,00	0,000	2,050	0,000	42,770	43,360	33013,480	-32970,120
636+0,00	0,000	2,130	0,000	41,860	43,360	33055,340	-33011,980
637+0,00	0,000	2,110	0,000	42,420	43,360	33097,760	-33054,400
638+0,00	0,000	2,050	0,000	41,550	43,360	33139,300	-33095,940
639+0,00	0,000	2,340	0,000	43,890	43,360	33183,190	-33139,830
640+0,00	0,000	2,240	0,000	45,800	43,360	33229,000	-33185,640
641+0,00	0,000	1,930	0,000	41,660	43,360	33270,660	-33227,300
642+0,00	0,000	1,910	0,000	38,410	43,360	33309,070	-33265,710
643+0,00	0,000	1,860	0,000	37,670	43,360	33346,730	-33303,370
644+0,00	0,000	1,710	0,000	35,740	43,360	33382,480	-33339,120
645+0,00	0,000	1,920	0,000	36,340	43,360	33418,810	-33375,450
646+0,00	0,000	2,310	0,000	42,220	43,360	33461,040	-33417,680
647+0,00	0,000	2,390	0,000	46,970	43,360	33508,010	-33464,650
648+0,00	0,000	2,040	0,000	44,280	43,360	33552,290	-33508,930
649+0,00	0,000	2,600	0,000	46,370	43,360	33598,660	-33555,300
650+0,00	0,000	3,230	0,000	58,280	43,360	33656,940	-33613,580
651+0,00	0,000	3,060	0,000	62,970	43,360	33719,910	-33676,550
652+0,00	0,000	3,330	0,000	63,980	43,360	33783,890	-33740,530
653+0,00	0,000	3,670	0,000	70,090	43,360	33853,980	-33810,620
654+0,00	0,000	3,520	0,000	71,780	43,360	33925,750	-33882,390
655+0,00	0,000	3,660	0,000	71,390	43,360	33997,140	-33953,780
656+0,00	0,000	3,840	0,000	74,920	43,360	34072,060	-34028,700
657+0,00	0,000	3,740	0,000	75,740	43,360	34147,810	-34104,450
658+0,00	0,000	3,430	0,000	71,690	43,360	34219,500	-34176,140
659+0,00	0,000	3,400	0,000	68,340	43,360	34287,840	-34244,480
660+0,00	0,000	3,550	0,000	69,440	43,360	34357,270	-34313,910
661+0,00	0,000	3,310	0,000	68,560	43,360	34425,830	-34382,470
662+0,00	0,000	3,210	0,000	65,240	43,360	34491,070	-34447,710
663+0,00	0,000	3,250	0,000	64,710	43,360	34555,780	-34512,420
664+0,00	0,000	3,200	0,000	64,530	43,360	34620,300	-34576,940
665+0,00	0,000	2,680	0,000	58,760	43,360	34679,060	-34635,700
666+0,00	0,000	2,680	0,000	53,560	43,360	34732,630	-34689,270
667+0,00	0,000	2,840	0,000	55,240	43,360	34787,860	-34744,500
668+0,00	0,000	2,670	0,000	55,170	43,360	34843,040	-34799,680
669+0,00	0,000	2,510	0,000	51,810	43,360	34894,850	-34851,490
670+0,00	0,000	2,450	0,000	49,570	43,360	34944,420	-34901,060
671+0,00	0,000	1,830	0,000	42,840	43,360	34987,260	-34943,900
672+0,00	0,000	2,190	0,000	40,220	43,360	35027,480	-34984,120
673+0,00	0,000	1,550	0,000	37,430	43,360	35064,910	-35021,550
674+0,00	0,000	1,570	0,000	31,210	43,360	35096,120	-35052,760
675+0,00	0,000	2,840	0,000	44,180	43,360	35140,300	-35096,940
676+0,00	0,000	2,350	0,030	51,930	43,400	35192,230	-35148,830
677+0,00	0,000	4,140	0,030	64,920	43,430	35257,150	-35213,720
678+0,00	0,000	3,210	0,000	73,600	43,430	35330,750	-35287,320
679+0,00	0,000	3,600	0,000	68,130	43,430	35398,880	-35355,450
680+0,00	0,000	3,100	0,000	67,020	43,430	35465,900	-35422,470
681+0,00	0,000	3,700	0,000	68,000	43,430	35533,900	-35490,470
682+0,00	0,000	3,480	0,000	71,750	43,430	35605,650	-35562,220
683+0,00	0,000	2,860	0,000	63,190	43,430	35668,840	-35625,410
684+0,00	0,000	3,230	0,000	61,050	43,430	35729,890	-35686,460
685+0,00	0,020	2,670	0,220	59,230	43,640	35789,120	-35745,480
686+0,00	0,010	2,640	0,360	53,150	44,000	35842,270	-35798,270
687+0,00	0,230	1,550	2,320	42,960	46,320	35885,240	-35838,920
688+0,00	0,000	2,280	2,320	38,370	48,650	35923,610	-35874,960
689+0,00	0,000	2,630	0,000	48,910	48,650	35972,510	-35923,860
690+0,00	0,000	2,630	0,000	52,450	48,650	36024,960	-35976,310

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPRO
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)
691+0,00	0,000	1,920	0,000	45,520	48,650	36070,480	-36021,830
692+0,00	0,000	2,660	0,000	45,810	48,650	36116,290	-36067,640
693+0,00	0,000	2,290	0,000	49,430	48,650	36165,720	-36117,070
694+0,00	0,130	1,230	1,250	35,160	49,900	36200,880	-36150,980
695+0,00	0,000	2,970	1,250	42,020	51,150	36242,900	-36191,750
696+0,00	0,000	3,310	0,000	62,830	51,150	36305,720	-36254,570
697+0,00	0,000	4,090	0,000	73,250	51,150	36378,970	-36327,820
698+0,00	0,000	4,040	0,000	80,930	51,150	36459,900	-36408,750
699+0,00	0,000	3,690	0,000	77,230	51,150	36537,130	-36485,980
700+0,00	0,000	3,900	0,000	75,970	51,150	36613,090	-36561,940
701+0,00	0,000	4,270	0,000	81,630	51,150	36694,720	-36643,570
702+0,00	0,000	3,800	0,000	80,630	51,150	36775,350	-36724,200
703+0,00	0,000	3,600	0,000	73,950	51,150	36849,310	-36798,160
704+0,00	0,000	2,720	0,000	63,180	51,150	36912,490	-36861,340
705+0,00	0,000	2,580	0,000	53,060	51,150	36965,550	-36914,400
706+0,00	0,000	2,520	0,000	51,040	51,150	37016,590	-36965,440
707+0,00	0,000	2,420	0,000	49,460	51,150	37066,050	-37014,900
708+0,00	0,000	2,240	0,000	46,680	51,150	37112,720	-37061,570
709+0,00	0,000	2,470	0,000	47,110	51,150	37159,840	-37108,690
710+0,00	0,000	2,490	0,000	49,560	51,150	37209,400	-37158,250
711+0,00	0,000	2,610	0,000	51,020	51,150	37260,420	-37209,270
712+0,00	0,000	2,150	0,000	47,660	51,150	37308,080	-37256,930
713+0,00	0,000	2,080	0,000	42,360	51,150	37350,440	-37299,290
714+0,00	0,000	3,220	0,000	53,090	51,150	37403,530	-37352,380
715+0,00	0,000	2,980	0,000	62,130	51,150	37465,660	-37414,510
716+0,00	0,000	2,880	0,000	58,700	51,150	37524,360	-37473,210
717+0,00	0,000	2,960	0,000	58,330	51,150	37582,690	-37531,540
718+0,00	0,000	3,330	0,000	62,900	51,150	37645,590	-37594,440
719+0,00	0,000	3,230	0,000	65,630	51,150	37711,220	-37660,070
720+0,00	0,000	3,210	0,000	64,470	51,150	37775,700	-37724,550
721+0,00	0,000	2,570	0,000	57,810	51,150	37833,500	-37782,350
722+0,00	0,000	2,950	0,000	55,160	51,150	37888,660	-37837,510
723+0,00	0,000	3,400	0,000	63,450	51,150	37952,110	-37900,960
724+0,00	0,000	3,060	0,000	64,410	51,150	38016,510	-37965,360
725+0,00	0,000	3,150	0,000	62,060	51,150	38078,570	-38027,420
726+0,00	0,000	3,520	0,000	66,740	51,150	38145,310	-38094,160
727+0,00	0,000	4,170	0,000	76,930	51,150	38222,240	-38171,090
728+0,00	0,000	5,040	0,000	92,160	51,150	38314,400	-38263,250
729+0,00	0,000	3,670	0,000	87,130	51,150	38401,530	-38350,380
730+0,00	0,000	2,900	0,000	65,740	51,150	38467,270	-38416,120
731+0,00	0,000	2,980	0,000	58,820	51,150	38526,090	-38474,940
732+0,00	0,000	2,330	0,000	53,090	51,150	38579,180	-38528,030
733+0,00	0,000	2,420	0,000	47,510	51,150	38626,700	-38575,550
734+0,00	0,000	2,220	0,000	46,410	51,150	38673,100	-38621,950
735+0,00	0,000	1,920	0,000	41,420	51,150	38714,520	-38663,370
736+0,00	0,000	1,630	0,000	35,490	51,150	38750,010	-38698,860
737+0,00	0,000	2,110	0,000	37,400	51,150	38787,410	-38736,260
738+0,00	0,000	2,730	0,000	48,420	51,150	38835,830	-38784,680
739+0,00	0,000	1,540	0,000	42,730	51,150	38878,570	-38827,420
740+0,00	0,000	2,100	0,000	36,470	51,150	38915,030	-38863,880
741+0,00	0,000	2,780	0,000	48,870	51,150	38963,900	-38912,750
742+0,00	0,000	2,660	0,000	54,400	51,150	39018,290	-38967,140
743+0,00	0,000	2,990	0,000	56,510	51,150	39074,800	-39023,650
744+0,00	0,000	1,890	0,000	48,810	51,150	39123,610	-39072,460
745+0,00	0,000	2,540	0,000	44,300	51,150	39167,910	-39116,760
746+0,00	0,000	2,140	0,000	46,720	51,150	39214,630	-39163,480
747+0,00	0,000	3,010	0,000	51,500	51,150	39266,130	-39214,980
748+0,00	0,000	2,160	0,000	51,740	51,150	39317,880	-39266,730
749+0,00	0,000	1,870	0,000	40,250	51,150	39358,130	-39306,980
750+0,00	0,000	1,700	0,000	35,700	51,150	39393,830	-39342,680
751+0,00	0,000	2,100	0,000	38,040	51,150	39431,870	-39380,720
752+0,00	0,000	2,340	0,000	44,410	51,150	39476,290	-39425,140
753+0,00	0,000	2,550	0,000	48,920	51,150	39525,210	-39474,060
754+0,00	0,000	2,150	0,000	46,980	51,150	39572,190	-39521,040
755+0,00	0,000	1,690	0,000	38,410	51,150	39610,600	-39559,450
756+0,00	0,000	1,620	0,000	33,150	51,150	39643,750	-39592,600
757+0,00	0,000	1,940	0,000	35,620	51,150	39679,370	-39628,220
758+0,00	0,000	1,570	0,000	35,100	51,150	39714,470	-39663,320
759+0,00	0,000	1,950	0,000	35,200	51,150	39749,670	-39698,520
760+0,00	0,000	2,190	0,000	41,350	51,150	39791,020	-39739,870

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
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)
761+0,00	0,000	2,690	0,000	48,750	51,150	39839,770	-39788,620
762+0,00	0,000	2,340	0,000	50,290	51,150	39890,060	-39838,910
763+0,00	0,000	2,430	0,000	47,760	51,150	39937,820	-39886,670
764+0,00	0,000	1,860	0,000	42,980	51,150	39980,790	-39929,640
765+0,00	0,000	2,000	0,000	38,610	51,150	40019,400	-39968,250
766+0,00	0,000	2,100	0,000	40,980	51,150	40060,380	-40009,230
767+0,00	0,000	2,260	0,000	43,580	51,150	40103,960	-40052,810
768+0,00	0,000	2,240	0,000	44,950	51,150	40148,910	-40097,760
769+0,00	0,000	2,410	0,000	46,530	51,150	40195,440	-40144,290
770+0,00	0,000	3,090	0,000	54,980	51,150	40250,420	-40199,270
771+0,00	0,000	2,310	0,000	54,000	51,150	40304,420	-40253,270
772+0,00	0,000	2,620	0,000	49,290	51,150	40353,720	-40302,570
773+0,00	0,000	2,630	0,000	52,420	51,150	40406,140	-40354,990
774+0,00	0,000	2,820	0,000	54,500	51,150	40460,640	-40409,490
775+0,00	0,000	2,880	0,000	57,010	51,150	40517,660	-40466,510
776+0,00	0,000	3,450	0,000	63,240	51,150	40580,900	-40529,750
777+0,00	0,000	3,010	0,000	64,620	51,150	40645,520	-40594,370
778+0,00	0,000	2,410	0,000	54,320	51,150	40699,840	-40648,690
779+0,00	0,000	1,600	0,000	40,140	51,150	40739,980	-40688,830
780+0,00	0,000	1,650	0,000	32,480	51,150	40772,460	-40721,310
781+0,00	0,000	1,220	0,000	28,720	51,150	40801,180	-40750,030
782+0,00	0,030	1,990	0,270	31,830	51,420	40833,010	-40781,590
783+0,00	0,000	2,250	0,270	42,020	51,700	40875,030	-40823,330
784+0,00	0,000	2,700	0,000	49,540	51,700	40924,570	-40872,870
785+0,00	0,180	1,690	1,820	43,580	53,520	40968,150	-40914,630
786+0,00	0,010	3,030	1,930	47,180	55,450	41015,330	-40959,880
787+0,00	0,020	3,340	0,310	63,720	55,760	41079,050	-41023,290
788+0,00	0,010	3,210	0,250	64,870	56,010	41143,930	-41087,920
789+0,00	0,000	3,350	0,080	65,610	56,080	41209,540	-41153,460
790+0,00	0,000	3,190	0,000	65,230	56,080	41274,780	-41218,700
791+0,00	0,000	2,980	0,000	61,510	56,080	41336,290	-41280,210
792+0,00	0,000	3,060	0,000	60,330	56,080	41396,620	-41340,540
793+0,00	0,000	3,330	0,000	63,840	56,080	41460,470	-41404,390
794+0,00	0,000	3,360	0,000	66,830	56,080	41527,290	-41471,210
795+0,00	0,000	3,190	0,000	65,430	56,080	41592,720	-41536,640
796+0,00	0,000	3,060	0,000	62,500	56,080	41655,220	-41599,140
797+0,00	0,000	3,030	0,000	60,840	56,080	41716,050	-41659,970
798+0,00	0,000	2,740	0,000	57,750	56,080	41773,800	-41717,720
799+0,00	0,000	2,880	0,000	56,010	56,080	41829,810	-41773,730
800+0,00	0,000	2,990	0,000	58,710	56,080	41888,520	-41832,440
801+0,00	0,000	3,210	0,000	62,020	56,080	41950,550	-41894,470
802+0,00	0,000	3,200	0,000	63,600	56,080	42014,150	-41958,070
803+0,00	0,000	2,970	0,000	61,010	56,080	42075,160	-42019,080
804+0,00	0,000	3,330	0,000	62,830	56,080	42137,990	-42081,910
805+0,00	0,000	3,240	0,000	65,730	56,080	42203,720	-42147,640
806+0,00	0,000	3,190	0,000	64,230	56,080	42267,940	-42211,860
807+0,00	0,000	3,420	0,000	66,280	56,080	42334,220	-42278,140
808+0,00	0,000	2,780	0,000	62,790	56,080	42397,010	-42340,930
809+0,00	0,000	2,660	0,000	54,570	56,080	42451,570	-42395,490
810+0,00	0,000	3,070	0,000	57,570	56,080	42509,150	-42453,070
811+0,00	0,000	3,090	0,000	61,680	56,080	42570,830	-42514,750
812+0,00	0,000	3,300	0,000	63,980	56,080	42634,810	-42578,730
813+0,00	0,000	3,160	0,000	64,600	56,080	42699,410	-42643,330
814+0,00	0,000	3,270	0,000	64,240	56,080	42763,650	-42707,570
815+0,00	0,000	3,600	0,000	68,680	56,080	42832,320	-42776,240
816+0,00	0,000	3,260	0,000	68,530	56,080	42900,850	-42844,770
817+0,00	0,000	2,240	0,000	54,960	56,080	42955,810	-42899,730
818+0,00	0,000	2,390	0,000	46,340	56,080	43002,150	-42946,070
819+0,00	0,000	3,090	0,000	54,860	56,080	43057,010	-43000,930
820+0,00	0,000	3,180	0,000	62,700	56,080	43119,710	-43063,630
821+0,00	0,000	2,560	0,000	57,370	56,080	43177,070	-43120,990
822+0,00	0,000	2,370	0,000	49,390	56,080	43226,470	-43170,390
823+0,00	0,000	2,370	0,000	47,470	56,080	43273,930	-43217,850
824+0,00	0,000	2,650	0,000	50,190	56,080	43324,120	-43268,040
825+0,00	0,000	3,160	0,000	58,000	56,080	43382,120	-43326,040
826+0,00	0,000	3,000	0,000	61,540	56,080	43443,660	-43387,580
827+0,00	0,000	2,820	0,000	58,180	56,080	43501,840	-43445,760
828+0,00	0,000	2,890	0,000	57,600	56,080	43559,440	-43503,360
829+0,00	0,000	1,690	0,000	47,150	56,080	43606,600	-43550,520
830+0,00	0,000	2,270	0,000	39,660	56,080	43646,260	-43590,180

Osvaldo Leôncio da Silva Filho
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Projetos e Obras - PUSP
Secretaria das Unidades Locais

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)
831+0,00	0,000	2,620	0,000	48,890	56,080	43695,160	-43639,080
832+0,00	0,000	2,520	0,000	51,330	56,080	43746,480	-43690,400
833+0,00	0,000	2,550	0,000	50,710	56,080	43797,190	-43741,110
834+0,00	0,000	2,720	0,000	52,790	56,080	43849,980	-43793,900
835+0,00	0,000	2,590	0,000	53,000	56,080	43902,970	-43846,890
836+0,00	0,000	2,940	0,000	55,300	56,080	43958,280	-43902,200
837+0,00	0,000	2,880	0,000	58,240	56,080	44016,510	-43960,430
838+0,00	0,000	2,720	0,000	55,920	56,080	44072,430	-44016,350
839+0,00	0,000	2,720	0,000	54,730	56,080	44127,160	-44071,080
840+0,00	0,000	2,840	0,000	55,000	56,080	44182,170	-44126,090
841+0,00	0,000	3,200	0,000	60,370	56,080	44242,530	-44186,450
842+0,00	0,000	3,370	0,000	65,760	56,080	44308,290	-44252,210
843+0,00	0,000	3,200	0,000	65,700	56,080	44373,990	-44317,910
844+0,00	0,000	2,790	0,000	60,800	56,080	44434,800	-44378,720
845+0,00	0,000	2,620	0,000	54,580	56,080	44489,380	-44433,300
846+0,00	0,000	2,930	0,000	55,450	56,080	44544,830	-44488,750
847+0,00	0,000	3,060	0,000	59,900	56,080	44604,720	-44548,640
848+0,00	0,000	2,840	0,000	57,970	56,080	44662,700	-44606,620
849+0,00	0,000	2,830	0,000	56,470	56,080	44719,160	-44663,080
850+0,00	0,000	2,490	0,000	53,310	56,080	44772,480	-44716,400
851+0,00	0,000	2,500	0,000	50,000	56,080	44822,470	-44766,390
852+0,00	0,000	2,970	0,000	54,700	56,080	44877,170	-44821,090
853+0,00	0,000	2,980	0,000	59,550	56,080	44936,720	-44880,640
854+0,00	0,000	2,860	0,000	58,110	56,080	44994,830	-44938,750
855+0,00	0,000	2,920	0,000	57,760	56,080	45052,600	-44996,520
856+0,00	0,000	2,830	0,000	57,490	56,080	45110,090	-45054,010
857+0,00	0,000	2,530	0,000	53,580	56,080	45163,660	-45107,580
858+0,00	0,000	2,910	0,000	54,490	56,080	45218,160	-45162,080
859+0,00	0,000	2,750	0,000	56,720	56,080	45274,870	-45218,790
860+0,00	0,000	2,640	0,000	53,930	56,080	45328,800	-45272,720
861+0,00	0,000	2,690	0,000	53,400	56,080	45382,200	-45326,120
862+0,00	0,000	2,710	0,000	54,000	56,080	45436,200	-45380,120
863+0,00	0,000	2,520	0,000	52,320	56,080	45488,530	-45432,450
864+0,00	0,000	2,730	0,000	52,480	56,080	45541,010	-45484,930
865+0,00	0,000	2,700	0,000	54,230	56,080	45595,240	-45539,160
866+0,00	0,000	3,030	0,000	57,290	56,080	45652,530	-45596,450
867+0,00	0,000	2,930	0,000	59,600	56,080	45712,130	-45656,050
868+0,00	0,000	3,090	0,000	60,150	56,080	45772,280	-45716,200
869+0,00	0,000	3,130	0,000	62,340	56,080	45834,620	-45778,540
870+0,00	0,000	2,990	0,000	61,390	56,080	45896,010	-45839,930
871+0,00	0,000	3,020	0,000	60,390	56,080	45956,410	-45900,330
872+0,00	0,000	3,000	0,000	60,230	56,080	46016,640	-45960,560
873+0,00	0,000	2,930	0,000	59,260	56,080	46075,900	-46019,820
874+0,00	0,000	2,770	0,000	57,030	56,080	46132,930	-46076,850
875+0,00	0,000	2,690	0,000	54,490	56,080	46187,410	-46131,330
876+0,00	0,000	2,610	0,000	52,840	56,080	46240,260	-46184,180
877+0,00	0,000	2,630	0,000	52,120	56,080	46292,380	-46236,300
878+0,00	0,000	2,520	0,000	51,480	56,080	46343,870	-46287,790
879+0,00	0,000	2,920	0,000	54,470	56,080	46398,330	-46342,250
880+0,00	0,000	2,770	0,000	56,890	56,080	46455,220	-46399,140
881+0,00	0,000	2,380	0,000	51,440	56,080	46506,650	-46450,570
882+0,00	0,000	2,030	0,000	44,130	56,080	46550,780	-46494,700
883+0,00	0,000	2,320	0,000	43,650	56,080	46594,430	-46538,350
884+0,00	0,000	1,880	0,000	42,010	56,080	46636,430	-46580,350
885+0,00	0,000	2,120	0,000	39,910	56,080	46676,350	-46620,270
886+0,00	0,000	1,980	0,000	40,790	56,080	46717,130	-46661,050
887+0,00	0,090	1,740	0,950	36,430	57,040	46753,560	-46698,520
888+0,00	0,000	2,460	0,910	41,910	57,950	46795,460	-46737,510
889+0,00	0,000	3,190	0,000	56,280	57,950	46851,740	-46793,790
890+0,00	0,000	2,780	0,000	59,700	57,950	46911,440	-46853,490
891+0,00	0,000	2,930	0,000	56,870	57,950	46968,310	-46910,360
892+0,00	0,000	2,610	0,000	55,410	57,950	47023,720	-46965,770
893+0,00	0,000	3,750	0,000	63,450	57,950	47087,170	-47029,220
894+0,00	0,000	2,730	0,000	64,800	57,950	47151,970	-47094,020
895+0,00	0,000	3,780	0,000	65,140	57,950	47217,120	-47159,170
896+0,00	0,000	2,300	0,000	60,760	57,950	47277,880	-47219,930
897+0,00	0,000	2,520	0,000	48,170	57,950	47326,050	-47268,100
898+0,00	0,000	3,620	0,000	61,380	57,950	47387,430	-47329,480
899+0,00	0,000	3,080	0,000	66,950	57,950	47454,390	-47396,440
900+0,00	0,000	2,160	0,000	52,350	57,950	47506,740	-47448,790

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901+0,00	0,010	1,170	0,150	33,260	58,090	47540,000	-47481,910
902+0,00	0,130	0,610	1,400	17,740	59,500	47557,740	-47498,240
903+0,00	0,290	0,370	4,150	9,770	63,650	47567,510	-47503,860
904+0,00	0,000	1,940	2,850	23,180	66,500	47590,680	-47524,180
905+0,00	0,000	2,370	0,000	43,400	66,500	47634,080	-47567,580
906+0,00	0,000	2,480	0,000	48,520	66,500	47682,600	-47616,100
907+0,00	0,000	2,620	0,000	50,960	66,500	47733,560	-47667,060
908+0,00	0,000	2,580	0,000	51,950	66,500	47785,500	-47719,000
909+0,00	0,000	3,070	0,000	56,400	66,500	47841,900	-47775,400
910+0,00	0,000	3,140	0,000	61,900	66,500	47903,800	-47837,300
911+0,00	0,000	3,390	0,000	65,170	66,500	47968,970	-47902,470
912+0,00	0,000	3,400	0,000	67,690	66,500	48036,650	-47970,150
913+0,00	0,000	3,100	0,000	64,870	66,500	48101,530	-48035,030
914+0,00	0,000	3,300	0,000	63,890	66,500	48165,420	-48098,920
915+0,00	0,000	3,340	0,000	66,300	66,500	48231,720	-48165,220
916+0,00	0,000	3,480	0,000	68,130	66,500	48299,850	-48233,350
917+0,00	0,000	3,410	0,000	68,820	66,500	48368,670	-48302,170
918+0,00	0,000	3,630	0,000	70,440	66,500	48439,110	-48372,610
919+0,00	0,000	3,300	0,000	69,540	66,500	48508,650	-48442,150
920+0,00	0,000	3,200	0,000	65,050	66,500	48573,700	-48507,200
921+0,00	0,000	2,710	0,000	59,140	66,500	48632,840	-48566,340
922+0,00	0,000	2,900	0,000	56,110	66,500	48688,950	-48622,450
923+0,00	0,000	2,440	0,000	53,390	66,500	48742,340	-48675,840
924+0,00	0,000	1,660	0,000	40,990	66,500	48783,320	-48716,820
925+0,00	0,000	2,480	0,000	41,340	66,500	48824,660	-48758,160
926+0,00	0,000	2,600	0,000	50,690	66,500	48875,350	-48808,850
927+0,00	0,000	2,570	0,000	51,690	66,500	48927,040	-48860,540
928+0,00	0,000	2,250	0,000	48,190	66,500	48975,230	-48908,730
929+0,00	0,000	2,260	0,000	45,070	66,500	49020,300	-48953,800
930+0,00	0,000	1,960	0,000	42,170	66,500	49062,460	-48995,960
931+0,00	0,000	1,820	0,000	37,820	66,500	49100,290	-49033,790
932+0,00	0,000	1,670	0,000	34,940	66,500	49135,230	-49068,730
933+0,00	0,000	2,040	0,000	37,140	66,500	49172,370	-49105,870
934+0,00	0,000	3,040	0,000	50,930	66,500	49223,300	-49156,800
935+0,00	0,000	3,020	0,000	61,480	66,500	49284,770	-49218,270
936+0,00	0,000	2,440	0,000	54,710	66,500	49339,490	-49272,990
937+0,00	0,000	2,990	0,000	54,240	66,500	49393,720	-49327,220
938+0,00	0,000	5,550	0,000	86,020	66,500	49479,740	-49413,240
939+0,00	0,000	5,570	0,000	111,260	66,500	49591,010	-49524,510
940+0,00	0,000	5,160	0,000	107,390	66,500	49698,390	-49631,890
941+0,00	0,000	3,090	0,000	82,570	66,500	49780,960	-49714,460
942+0,00	0,000	3,150	0,000	62,360	66,500	49843,330	-49776,830
943+0,00	0,000	2,610	0,000	57,610	66,500	49900,940	-49834,440
944+0,00	0,000	2,620	0,000	52,340	66,500	49953,280	-49886,780
945+0,00	0,000	2,840	0,000	54,630	66,500	50007,910	-49941,410
946+0,00	0,000	2,730	0,000	55,750	66,500	50063,660	-49997,160
947+0,00	0,000	2,880	0,000	56,120	66,500	50119,780	-50053,280
948+0,00	0,000	2,720	0,000	56,040	66,500	50175,820	-50109,320
949+0,00	0,000	2,960	0,000	56,860	66,500	50232,680	-50166,180
950+0,00	0,000	4,120	0,000	70,820	66,500	50303,500	-50237,000
951+0,00	0,000	2,900	0,000	70,210	66,500	50373,710	-50307,210
952+0,00	0,000	2,380	0,000	52,870	66,500	50426,580	-50360,080
953+0,00	0,000	2,130	0,000	45,280	66,500	50471,860	-50405,360
954+0,00	0,000	2,410	0,000	45,580	66,500	50517,440	-50450,940
955+0,00	0,000	2,340	0,000	47,530	66,500	50564,960	-50498,460
956+0,00	0,000	2,290	0,000	46,340	66,500	50611,310	-50544,810
957+0,00	0,000	2,480	0,000	47,710	66,500	50659,010	-50592,510
958+0,00	0,000	2,660	0,000	51,330	66,500	50710,340	-50643,840
959+0,00	0,000	2,420	0,000	50,830	66,500	50761,170	-50694,670
960+0,00	0,000	2,830	0,000	52,460	66,500	50813,640	-50747,140
961+0,00	0,000	2,920	0,000	57,420	66,500	50871,060	-50804,560
962+0,00	0,000	3,310	0,000	62,290	66,500	50933,350	-50866,850
963+0,00	0,000	3,500	0,000	68,160	66,500	51001,510	-50935,010
964+0,00	0,000	3,470	0,000	69,750	66,500	51071,260	-51004,760
965+0,00	0,000	3,350	0,000	68,230	66,500	51139,490	-51072,990
966+0,00	0,000	3,180	0,000	65,550	66,500	51205,040	-51138,540
967+0,00	0,000	3,060	0,000	62,640	66,500	51267,680	-51201,180
968+0,00	0,000	2,890	0,000	59,500	66,500	51327,180	-51260,680
969+0,00	0,000	2,900	0,000	57,820	66,500	51385,000	-51318,500
970+0,00	0,000	2,480	0,000	53,660	66,500	51438,670	-51372,170

Osvaldo Leôncio da Silva
Diretor da Unidade de Proj...
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)
971+0,00	0,000	2,320	0,000	47,870	66,500	51486,540	-51420,040
972+0,00	0,000	2,840	0,000	51,390	66,500	51537,930	-51471,430
973+0,00	0,000	2,700	0,000	55,420	66,500	51593,340	-51526,840
974+0,00	0,000	2,490	0,000	51,880	66,500	51645,220	-51578,720
975+0,00	0,000	2,420	0,000	49,090	66,500	51694,310	-51627,810
976+0,00	0,000	2,140	0,000	45,610	66,500	51739,920	-51673,420
977+0,00	0,000	2,290	0,000	44,350	66,500	51784,260	-51717,760
978+0,00	0,000	2,140	0,000	44,180	66,500	51828,440	-51761,940
979+0,00	0,000	2,280	0,000	44,010	66,500	51872,450	-51805,950
980+0,00	0,000	2,270	0,000	45,470	66,500	51917,920	-51851,420
981+0,00	0,000	2,550	0,000	48,160	66,500	51966,080	-51899,580
982+0,00	0,000	1,690	0,000	42,350	66,500	52008,430	-51941,930
983+0,00	0,000	1,050	0,020	27,360	66,520	52035,790	-51969,270
984+0,00	0,000	1,880	0,020	29,280	66,540	52065,070	-51998,530
985+0,00	0,000	1,860	0,000	37,390	66,540	52102,460	-52035,920
986+0,00	0,000	1,070	0,000	29,290	66,540	52131,740	-52065,200
987+0,00	0,000	2,260	0,000	33,260	66,540	52165,000	-52098,460
988+0,00	0,000	2,350	0,000	46,060	66,540	52211,060	-52144,520
989+0,00	0,000	2,870	0,000	52,200	66,540	52263,260	-52196,720
990+0,00	0,000	2,820	0,000	56,960	66,540	52320,230	-52253,690
991+0,00	0,000	2,710	0,000	55,730	66,540	52375,960	-52309,420
992+0,00	0,000	2,290	0,000	50,010	66,540	52425,970	-52359,430
993+0,00	0,000	2,760	0,000	50,510	66,540	52476,480	-52409,940
994+0,00	0,000	3,000	0,000	57,620	66,540	52534,100	-52467,560
995+0,00	0,010	2,830	0,060	58,070	66,600	52592,170	-52525,570
996+0,00	0,000	2,860	0,080	56,840	66,680	52649,010	-52582,330
997+0,00	0,030	2,550	0,310	54,120	66,990	52703,130	-52636,140
998+0,00	0,000	2,980	0,320	54,680	67,310	52757,810	-52690,500
999+0,00	0,000	2,960	0,020	58,670	67,340	52816,490	-52749,150
1000+0,00	0,000	2,890	0,000	58,070	67,340	52874,560	-52807,220
1001+0,00	0,000	3,190	0,000	60,490	67,340	52935,040	-52867,700
1002+0,00	0,000	3,240	0,000	64,180	67,340	52999,230	-52931,890
1003+0,00	0,000	3,480	0,000	66,960	67,340	53066,180	-52998,840
1004+0,00	0,000	2,900	0,000	63,750	67,340	53129,930	-53062,590
1005+0,00	0,000	2,720	0,000	56,220	67,340	53186,150	-53118,810
1006+0,00	0,000	2,860	0,000	55,810	67,340	53241,960	-53174,620
1007+0,00	0,000	2,820	0,000	56,840	67,340	53298,800	-53231,460
1008+0,00	0,000	2,950	0,000	57,260	67,340	53356,050	-53288,710
1009+0,00	0,000	3,140	0,000	60,530	67,340	53416,590	-53349,250
1010+0,00	0,000	3,010	0,000	61,250	67,340	53477,830	-53410,490
1011+0,00	0,000	3,770	0,000	67,880	67,340	53545,710	-53478,370
1012+0,00	0,000	2,330	0,000	61,050	67,340	53606,770	-53539,430
1013+0,00	0,000	2,500	0,000	48,290	67,340	53655,060	-53587,720
1014+0,00	0,000	2,670	0,000	51,600	67,340	53706,660	-53639,320
1015+0,00	0,000	2,790	0,000	54,550	67,340	53761,210	-53693,870
1016+0,00	0,000	2,890	0,000	56,770	67,340	53817,980	-53750,640
1017+0,00	0,000	2,870	0,000	57,680	67,340	53875,660	-53808,320
1018+0,00	0,000	2,920	0,000	58,090	67,340	53933,750	-53866,410
1019+0,00	0,000	2,880	0,000	58,060	67,340	53991,810	-53924,470
1020+0,00	0,000	3,010	0,000	58,860	67,340	54050,670	-53983,330
1021+0,00	0,000	3,220	0,000	62,330	67,340	54113,000	-54045,660
1022+0,00	0,000	2,860	0,000	60,850	67,340	54173,860	-54106,520
1023+0,00	0,000	3,060	0,000	59,170	67,340	54233,030	-54165,690
1024+0,00	0,000	3,350	0,000	64,070	67,340	54297,100	-54229,760
1025+0,00	0,000	3,330	0,000	66,710	67,340	54363,810	-54296,470
1026+0,00	0,000	3,400	0,000	67,280	67,340	54431,090	-54363,750
1027+0,00	0,000	3,240	0,000	66,410	67,340	54497,500	-54430,160
1028+0,00	0,000	3,370	0,000	65,880	67,340	54563,390	-54496,050
1029+0,00	0,000	2,960	0,000	63,030	67,340	54626,420	-54559,080
1030+0,00	0,000	3,320	0,000	62,870	67,340	54689,290	-54621,950
1031+0,00	0,000	2,790	0,000	61,170	67,340	54750,460	-54683,120
1032+0,00	0,000	2,570	0,000	53,790	67,340	54804,250	-54736,910
1033+0,00	0,000	2,950	0,000	55,310	67,340	54859,570	-54792,230
1034+0,00	0,000	2,450	0,000	54,050	67,340	54913,620	-54846,280
1035+0,00	0,000	2,120	0,000	45,490	67,340	54959,110	-54891,770
1036+0,00	0,000	2,540	0,000	46,510	67,340	55005,620	-54938,280
1037+0,00	0,000	2,210	0,000	47,470	67,340	55053,100	-54985,760
1038+0,00	0,000	3,210	0,000	54,170	67,340	55107,270	-55039,930
1039+0,00	0,000	2,700	0,000	58,890	67,340	55166,160	-55098,820
1040+0,00	0,010	2,030	0,140	47,340	67,480	55213,500	-55146,020

Osvaldo Leôncio da Silva F
Diretor da Unidade de Programas
Projetos e Obras - DU
Secretaria de [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 Liquido (m3)
1041+0,00	0,030	1,920	0,450	39,680	67,930	55253,180	-55185,250
1042+0,00	0,000	2,520	0,310	44,640	68,240	55297,820	-55229,580
1043+0,00	0,000	2,280	0,000	47,990	68,240	55345,810	-55277,570
1044+0,00	0,000	2,600	0,000	48,820	68,240	55394,630	-55326,390
1045+0,00	0,000	2,570	0,000	51,790	68,240	55446,420	-55378,180
1046+0,00	0,000	2,420	0,000	50,160	68,240	55496,580	-55428,340
1047+0,00	0,000	2,140	0,000	45,690	68,240	55542,270	-55474,030
1048+0,00	0,000	2,040	0,000	41,880	68,240	55584,150	-55515,910
1049+0,00	0,000	1,980	0,000	40,150	68,240	55624,290	-55556,050
1050+0,00	0,000	2,410	0,000	43,760	68,240	55668,060	-55599,820
1051+0,00	0,000	2,620	0,000	50,090	68,240	55718,150	-55649,910
1052+0,00	0,000	2,900	0,000	54,740	68,240	55772,890	-55704,650
1053+0,00	0,000	3,490	0,000	63,690	68,240	55836,590	-55768,350
1054+0,00	0,000	3,410	0,000	68,700	68,240	55905,290	-55837,050
1055+0,00	0,000	3,900	0,000	73,030	68,240	55978,320	-55910,080
1056+0,00	0,000	3,860	0,000	77,640	68,240	56055,950	-55987,710
1057+0,00	0,000	3,370	0,000	72,340	68,240	56128,300	-56060,060
1058+0,00	0,000	3,260	0,000	66,440	68,240	56194,740	-56126,500
1059+0,00	0,000	2,630	0,000	58,930	68,240	56253,670	-56185,430
1060+0,00	0,000	2,690	0,000	53,190	68,240	56306,850	-56238,610
1061+0,00	0,000	2,310	0,000	50,010	68,240	56356,860	-56288,620
1062+0,00	0,000	1,900	0,000	42,170	68,240	56399,030	-56330,790
1063+0,00	0,000	2,060	0,000	39,640	68,240	56438,680	-56370,440
1064+0,00	0,000	1,750	0,000	38,150	68,240	56476,830	-56408,590
1065+0,00	0,000	1,870	0,000	36,290	68,240	56513,120	-56444,880
1066+0,00	0,000	1,900	0,000	37,760	68,240	56550,870	-56482,630
1067+0,00	0,000	2,260	0,000	41,650	68,240	56592,520	-56524,280
1068+0,00	0,000	2,920	0,000	51,800	68,240	56644,320	-56576,080
1069+0,00	0,000	2,950	0,000	58,730	68,240	56703,050	-56634,810
1070+0,00	0,000	3,440	0,000	64,020	68,240	56767,080	-56698,840
1071+0,00	0,000	2,930	0,000	64,340	68,240	56831,410	-56763,170
1072+0,00	0,000	3,120	0,000	60,490	68,240	56891,900	-56823,660
1073+0,00	0,000	3,090	0,000	61,800	68,240	56953,700	-56885,460
1074+0,00	0,000	3,000	0,000	60,870	68,240	57014,570	-56946,330
1075+0,00	0,000	2,830	0,000	58,380	68,240	57072,950	-57004,710
1076+0,00	0,000	2,410	0,000	52,900	68,240	57125,850	-57057,610
1077+0,00	0,000	3,100	0,000	55,360	68,240	57181,210	-57112,970
1078+0,00	0,000	2,580	0,000	55,580	68,240	57236,790	-57168,550
1079+0,00	0,000	3,430	0,000	59,000	68,240	57295,780	-57227,540
1080+0,00	0,000	2,530	0,000	59,320	68,240	57355,110	-57286,870
1081+0,00	0,000	3,010	0,000	56,030	68,240	57411,140	-57342,900
1082+0,00	0,000	2,730	0,000	58,070	68,240	57469,210	-57400,970
1083+0,00	0,000	2,530	0,000	52,660	68,240	57521,870	-57453,630
1084+0,00	0,000	2,900	0,000	54,340	68,240	57576,210	-57507,970
1085+0,00	0,000	2,690	0,000	55,920	68,240	57632,120	-57563,880
1086+0,00	0,000	2,370	0,000	50,580	68,240	57682,700	-57614,460
1087+0,00	0,000	2,310	0,000	46,820	68,240	57729,520	-57661,280
1088+0,00	0,000	1,980	0,000	42,800	68,240	57772,320	-57704,080
1089+0,00	0,000	2,340	0,000	42,630	68,240	57814,950	-57746,710
1090+0,00	0,000	2,380	0,000	47,100	68,240	57862,050	-57793,810
1091+0,00	0,000	2,870	0,000	52,200	68,240	57914,250	-57846,010
1092+0,00	0,000	2,660	0,000	55,410	68,240	57969,660	-57901,420
1093+0,00	0,000	2,730	0,000	53,210	68,240	58022,870	-57954,630
1094+0,00	0,000	2,720	0,000	54,410	68,240	58077,270	-58009,030
1095+0,00	0,000	3,190	0,000	59,120	68,240	58136,390	-58068,150
1096+0,00	0,000	3,460	0,000	66,310	68,240	58202,700	-58134,460
1097+0,00	0,000	3,800	0,000	72,550	68,240	58275,250	-58207,010
1098+0,00	0,000	2,830	0,000	66,260	68,240	58341,510	-58273,270
1099+0,00	0,000	2,560	0,000	54,040	68,240	58395,560	-58327,320
1100+0,00	0,000	2,660	0,000	52,250	68,240	58447,810	-58379,570
1101+0,00	0,000	2,530	0,000	52,030	68,240	58499,840	-58431,600
1102+0,00	0,000	2,470	0,000	50,020	68,240	58549,860	-58481,620
1103+0,00	0,000	2,850	0,000	53,190	68,240	58603,050	-58534,810
1104+0,00	0,000	2,560	0,000	54,160	68,240	58657,210	-58588,970
1105+0,00	0,000	2,520	0,000	50,880	68,240	58708,090	-58639,850
1106+0,00	0,000	2,910	0,000	54,590	68,240	58762,680	-58694,440
1107+0,00	0,000	2,980	0,000	59,090	68,240	58821,770	-58753,530
1108+0,00	0,000	2,810	0,000	57,880	68,240	58879,660	-58811,420
1109+0,00	0,000	3,070	0,000	58,150	68,240	58937,810	-58869,570
1110+0,00	0,000	2,980	0,000	60,220	68,240	58998,030	-58929,790

Osvaldo Leôncio da Silva F
Diretor da Unidade de Progra
Projetos e Obras - DUPO
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)
1111+0,00	0,000	4,560	0,000	75,420	68,240	59073,440	-59005,200
1112+0,00	0,000	2,060	0,000	66,210	68,240	59139,650	-59071,410
1113+0,00	0,000	2,800	0,000	48,640	68,240	59188,290	-59120,050
1114+0,00	0,000	2,480	0,000	52,810	68,240	59241,110	-59172,870
1115+0,00	0,000	2,380	0,000	48,540	68,240	59289,650	-59221,410
1116+0,00	0,000	2,640	0,000	50,190	68,240	59339,840	-59271,600
1117+0,00	0,000	3,150	0,000	58,170	68,240	59398,010	-59329,770
1118+0,00	0,000	3,170	0,000	63,140	68,240	59461,150	-59392,910
1119+0,00	0,000	2,960	0,000	60,770	68,240	59521,910	-59453,670
1120+0,00	0,000	2,770	0,000	57,260	68,240	59579,170	-59510,930
1121+0,00	0,000	3,060	0,000	58,290	68,240	59637,460	-59569,220
1122+0,00	0,000	2,750	0,000	58,130	68,240	59695,590	-59627,350
1123+0,00	0,000	2,850	0,000	56,030	68,240	59751,620	-59683,380
1124+0,00	0,000	3,530	0,000	63,830	68,240	59815,450	-59747,210
1125+0,00	0,000	2,890	0,000	64,200	68,240	59879,660	-59811,420
1126+0,00	0,000	2,730	0,000	56,110	68,240	59935,770	-59867,530
1127+0,00	0,000	2,880	0,000	56,020	68,240	59991,790	-59923,550
1128+0,00	0,000	2,920	0,000	58,160	68,240	60049,950	-59981,710
1129+0,00	0,000	2,850	0,000	58,040	68,240	60107,990	-60039,750
1130+0,00	0,000	2,760	0,000	55,800	68,240	60163,790	-60095,550
1131+0,00	0,000	2,740	0,000	54,850	68,240	60218,630	-60150,390
1132+0,00	0,000	2,540	0,000	52,760	68,240	60271,400	-60203,160
1133+0,00	0,000	2,440	0,000	49,800	68,240	60321,200	-60252,960
1134+0,00	0,000	2,270	0,000	47,160	68,240	60368,350	-60300,110
1135+0,00	0,000	2,710	0,000	49,850	68,240	60418,210	-60349,970
1136+0,00	0,000	2,180	0,000	48,790	68,240	60467,000	-60398,760
1137+0,00	0,000	3,520	0,000	56,720	68,240	60523,710	-60455,470
1138+0,00	0,000	3,040	0,000	65,650	68,240	60589,360	-60521,120
1139+0,00	0,000	2,940	0,000	59,680	68,240	60649,040	-60580,800
1140+0,00	0,000	2,540	0,000	54,840	68,240	60703,870	-60635,630
1141+0,00	0,000	2,750	0,000	52,790	68,240	60756,660	-60688,420
1142+0,00	0,000	2,460	0,000	51,560	68,240	60808,220	-60739,980
1143+0,00	0,000	3,380	0,000	56,460	68,240	60864,680	-60796,440
1144+0,00	0,000	2,900	0,000	62,620	68,240	60927,300	-60859,060
1145+0,00	0,020	2,050	0,200	49,520	68,440	60976,820	-60908,380
1146+0,00	0,000	2,720	0,220	46,520	68,650	61023,340	-60954,690
1147+0,00	0,000	3,160	0,000	58,710	68,650	61082,050	-61013,400
1148+0,00	0,000	2,840	0,000	60,040	68,650	61142,090	-61073,440
1149+0,00	0,000	2,570	0,000	54,060	68,650	61196,150	-61127,500
1150+0,00	0,000	2,590	0,000	51,580	68,650	61247,730	-61179,080
1151+0,00	0,000	1,790	0,000	43,490	68,650	61291,220	-61222,570
1152+0,00	0,000	2,530	0,000	43,150	68,650	61334,370	-61265,720
1153+0,00	0,000	2,640	0,000	51,530	68,650	61385,900	-61317,250
1154+0,00	0,000	2,400	0,000	50,410	68,650	61436,310	-61367,660
1155+0,00	0,000	2,570	0,000	49,640	68,650	61485,950	-61417,300
1156+0,00	0,000	2,750	0,000	53,080	68,650	61539,030	-61470,380
1157+0,00	0,000	2,290	0,000	50,360	68,650	61589,400	-61520,750
1158+0,00	0,000	3,450	0,000	57,560	68,650	61646,960	-61578,310
1159+0,00	0,000	2,180	0,000	56,320	68,650	61703,280	-61634,630
1160+0,00	0,030	0,690	0,250	28,700	68,910	61731,980	-61663,070
1161+0,00	0,160	1,830	1,880	24,660	70,790	61756,630	-61685,840
1162+0,00	0,300	1,810	4,630	35,920	75,420	61792,550	-61717,130
1163+0,00	0,250	1,930	5,510	37,360	80,930	61829,910	-61748,980
1164+0,00	0,300	1,850	5,540	37,840	86,460	61867,750	-61781,290
1165+0,00	0,020	2,830	3,270	46,810	89,730	61914,560	-61824,830
1166+0,00	0,000	2,500	0,290	52,850	90,030	61967,410	-61877,380
1167+0,00	0,000	2,520	0,050	49,510	90,070	62016,910	-61926,840
1168+0,00	0,000	2,480	0,000	49,720	90,070	62066,630	-61976,560
1169+0,00	0,000	2,450	0,000	49,340	90,070	62115,970	-62025,900
1170+0,00	0,000	2,330	0,000	47,730	90,070	62163,700	-62073,630
1171+0,00	0,000	3,100	0,000	54,330	90,070	62218,030	-62127,960
1172+0,00	0,000	2,520	0,000	56,180	90,070	62274,210	-62184,140
1173+0,00	0,010	2,600	0,080	50,410	90,150	62324,630	-62234,480
1174+0,00	0,010	2,270	0,200	48,590	90,360	62373,220	-62282,860
1175+0,00	0,000	2,580	0,130	49,350	90,490	62422,570	-62332,080
1176+0,00	0,000	2,460	0,010	51,350	90,500	62473,920	-62383,420
1177+0,00	0,010	2,160	0,070	46,600	90,570	62520,520	-62429,950
1178+0,00	0,000	2,040	0,070	41,950	90,630	62562,470	-62471,840
1179+0,00	0,000	2,210	0,000	42,640	90,630	62605,110	-62514,480
1180+0,00	0,000	1,980	0,000	42,040	90,630	62647,160	-62556,530

Osvaldo Leôncio da Silva
Diretor da Unidade 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)
1181+0,00	0,000	2,160	0,000	41,470	90,630	62688,630	-62598,000
1182+0,00	0,000	2,060	0,000	42,310	90,630	62730,940	-62640,310
1183+0,00	0,000	1,910	0,000	39,780	90,630	62770,720	-62680,090
1184+0,00	0,000	2,300	0,000	42,140	90,630	62812,870	-62722,240
1185+0,00	0,000	2,550	0,000	48,540	90,630	62861,410	-62770,780
1186+0,00	0,000	2,250	0,000	48,020	90,630	62909,430	-62818,800
1187+0,00	0,000	2,430	0,000	46,790	90,630	62956,210	-62865,580
1188+0,00	0,000	2,770	0,000	51,970	90,630	63008,180	-62917,550
1189+0,00	0,000	2,950	0,000	57,210	90,630	63065,390	-62974,760
1190+0,00	0,000	2,450	0,000	54,030	90,630	63119,430	-63028,800
1191+0,00	0,090	2,340	0,880	47,640	91,510	63167,070	-63075,560
1192+0,00	0,050	2,650	1,410	49,350	92,920	63216,420	-63123,500
1193+0,00	0,120	2,210	1,720	48,510	94,640	63264,930	-63170,290
1194+0,00	0,000	3,700	1,200	59,150	95,850	63324,070	-63228,220
1195+0,00	0,000	3,600	0,000	73,050	95,850	63397,120	-63301,270
1196+0,00	0,000	3,570	0,000	72,420	95,850	63469,540	-63373,690
1197+0,00	0,000	3,480	0,000	70,760	95,850	63540,300	-63444,450
1198+0,00	0,000	4,680	0,000	81,390	95,850	63621,690	-63525,840
1199+0,00	0,000	3,990	0,000	86,730	95,850	63708,420	-63612,570
1200+0,00	0,000	3,720	0,000	76,950	95,850	63785,370	-63689,520
1201+0,00	0,000	4,130	0,000	78,450	95,850	63863,820	-63767,970
1202+0,00	0,000	3,320	0,000	74,510	95,850	63938,330	-63842,480
1203+0,00	0,000	3,250	0,000	65,870	95,850	64004,190	-63908,340
1204+0,00	0,000	3,120	0,000	63,690	95,850	64067,880	-63972,030
1205+0,00	0,000	2,830	0,000	59,690	95,850	64127,580	-64031,730
1206+0,00	0,000	2,680	0,000	55,280	95,850	64182,850	-64087,000
1207+0,00	0,000	2,890	0,000	56,070	95,850	64238,920	-64143,070
1208+0,00	0,020	2,660	0,160	55,520	96,010	64294,440	-64198,430
1209+0,00	0,030	2,790	0,470	54,500	96,470	64348,940	-64252,470
1210+0,00	0,050	2,760	0,730	56,350	97,210	64405,290	-64308,080
1211+0,00	0,050	2,550	0,950	53,650	98,160	64458,940	-64360,780
1212+0,00	0,010	2,970	0,630	54,820	98,790	64513,760	-64414,970
1213+0,00	0,000	2,990	0,130	57,570	98,920	64571,330	-64472,410
1214+0,00	0,000	3,300	0,020	62,180	98,950	64633,510	-64534,560
1215+0,00	0,000	2,690	0,000	60,300	98,950	64693,810	-64594,860
1216+0,00	0,000	3,550	0,000	62,820	98,950	64756,630	-64657,680
1217+0,00	0,000	4,410	0,000	79,580	98,950	64836,220	-64737,270
1218+0,00	0,000	2,940	0,000	73,790	98,950	64910,000	-64811,050
1219+0,00	0,000	3,800	0,000	67,440	98,950	64977,450	-64878,500
1220+0,00	0,000	3,470	0,000	72,650	98,950	65050,100	-64951,150
1221+0,00	0,000	3,520	0,000	69,810	98,950	65119,910	-65020,960
1222+0,00	0,140	2,510	1,400	60,140	100,350	65180,050	-65079,700
1223+0,00	0,000	1,990	1,430	44,870	101,780	65224,910	-65123,130
1224+0,00	0,000	1,980	0,030	39,700	101,810	65264,620	-65162,810
1225+0,00	0,000	2,450	0,010	44,220	101,820	65308,840	-65207,020
1226+0,00	0,000	2,600	0,000	50,490	101,820	65359,330	-65257,510
1227+0,00	0,000	2,280	0,000	48,810	101,820	65408,140	-65306,320
1228+0,00	0,000	2,040	0,000	43,240	101,820	65451,380	-65349,560
1229+0,00	0,000	2,450	0,000	45,240	101,820	65496,620	-65394,800
1230+0,00	0,000	2,080	0,000	45,330	101,820	65541,960	-65440,140
1231+0,00	0,000	2,050	0,000	41,590	101,820	65583,550	-65481,730
1232+0,00	0,000	2,410	0,000	44,590	101,820	65628,140	-65526,320
1233+0,00	0,000	2,710	0,000	51,190	101,820	65679,330	-65577,510
1234+0,00	0,000	1,700	0,000	44,180	101,820	65723,510	-65621,690
1235+0,00	0,000	2,370	0,000	40,710	101,820	65764,230	-65662,410
1236+0,00	0,000	2,770	0,000	51,450	101,820	65815,680	-65713,860
1237+0,00	0,000	2,590	0,000	53,690	101,820	65869,380	-65767,560
1238+0,00	0,000	2,880	0,000	54,770	101,820	65924,150	-65822,330
1239+0,00	0,000	3,150	0,000	60,350	101,820	65984,490	-65882,670
1240+0,00	0,000	3,740	0,000	68,890	101,820	66053,380	-65951,560
1241+0,00	0,000	2,540	0,000	62,740	101,820	66116,120	-66014,300
1242+0,00	0,000	3,350	0,000	58,910	101,820	66175,030	-66073,210
1243+0,00	0,000	2,740	0,000	60,930	101,820	66235,960	-66134,140
1244+0,00	0,060	2,310	0,580	50,520	102,400	66286,480	-66184,080
1245+0,00	0,000	4,200	0,580	65,080	102,980	66351,560	-66248,580
1246+0,00	0,000	3,820	0,000	80,220	102,980	66431,780	-66328,800
1247+0,00	0,050	3,400	0,480	72,180	103,460	66503,960	-66400,500
1248+0,00	0,070	3,150	1,190	65,460	104,650	66569,420	-66464,770
1249+0,00	0,030	3,620	0,980	68,160	105,630	66637,580	-66531,950
1250+0,00	0,000	3,650	0,280	72,730	105,910	66710,300	-66604,390

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
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)
1251+0,00	0,000	3,360	0,000	68,830	105,920	66779,130	-66673,210
1252+0,00	0,000	4,130	0,000	74,550	105,920	66853,680	-66747,760
1253+0,00	0,000	3,160	0,000	72,410	105,920	66926,090	-66820,170
1254+0,00	0,000	2,170	0,000	53,170	105,920	66979,260	-66873,340
1255+0,00	0,000	3,720	0,000	58,970	105,920	67038,240	-66932,320
1256+0,00	0,000	2,110	0,000	58,330	105,920	67096,570	-66990,650
1257+0,00	0,000	2,220	0,000	43,270	105,920	67139,840	-67033,920
1258+0,00	0,000	2,180	0,000	43,920	105,920	67183,760	-67077,840
1259+0,00	0,000	1,390	0,000	35,660	105,920	67219,420	-67113,500
1260+0,00	0,000	1,050	0,000	24,290	105,920	67243,710	-67137,790
1261+0,00	0,000	0,930	0,000	19,730	105,920	67263,440	-67157,520
1262+0,00	0,170	2,020	1,920	28,060	107,840	67291,500	-67183,660
1263+0,00	0,140	2,800	3,410	45,600	111,250	67337,100	-67225,850
1264+0,00	0,000	3,590	1,440	62,160	112,690	67399,260	-67286,570
1265+0,00	0,010	2,640	0,090	62,340	112,780	67461,600	-67348,820
1266+0,00	0,000	3,180	0,090	59,140	112,870	67520,740	-67407,870
1267+0,00	0,000	2,940	0,000	61,470	112,870	67582,210	-67469,340
1268+0,00	0,000	2,930	0,000	59,210	112,870	67641,420	-67528,550
1269+0,00	0,000	2,690	0,000	56,130	112,870	67697,550	-67584,680
1270+0,00	0,000	3,190	0,000	58,920	112,870	67756,470	-67643,600
1271+0,00	0,000	3,580	0,000	68,100	112,870	67824,580	-67711,710
1272+0,00	0,000	3,600	0,000	72,600	112,870	67897,180	-67784,310
1273+0,00	0,000	3,100	0,000	67,280	112,870	67964,460	-67851,590
1274+0,00	0,000	3,420	0,000	66,060	112,870	68030,520	-67917,650
1275+0,00	0,020	2,870	0,230	63,570	113,100	68094,100	-67981,000
1276+0,00	0,020	2,880	0,470	57,720	113,570	68151,820	-68038,250
1277+0,00	0,110	2,590	1,340	55,510	114,910	68207,330	-68092,420
1278+0,00	0,120	2,560	2,340	51,570	117,250	68258,890	-68141,640
1279+0,00	0,190	2,520	3,070	50,850	120,320	68309,740	-68189,420
1280+0,00	0,140	2,650	3,280	51,750	123,600	68361,490	-68237,890
1281+0,00	0,080	2,870	2,180	55,250	125,780	68416,740	-68290,960
1282+0,00	0,030	2,980	1,020	58,450	126,800	68475,200	-68348,400
1283+0,00	0,050	3,420	0,770	63,540	127,570	68538,740	-68411,170
1284+0,00	0,010	3,040	0,600	64,590	128,180	68603,320	-68475,140
1285+0,00	0,000	3,240	0,100	63,190	128,270	68666,520	-68538,250
1286+0,00	0,000	2,750	0,030	60,570	128,310	68727,090	-68598,780
1287+0,00	0,000	2,830	0,050	57,420	128,350	68784,510	-68656,160
1288+0,00	0,000	2,890	0,020	57,240	128,370	68841,750	-68713,380
1289+0,00	0,000	2,460	0,000	53,630	128,370	68895,380	-68767,010
1290+0,00	0,000	2,800	0,000	52,800	128,370	68948,180	-68819,810
1291+0,00	0,000	2,540	0,000	53,350	128,370	69001,530	-68873,160
1292+0,00	0,000	2,870	0,000	54,330	128,370	69055,860	-68927,490
1293+0,00	0,000	2,210	0,000	51,120	128,370	69106,980	-68978,610
1294+0,00	0,000	2,390	0,000	45,900	128,370	69152,880	-69024,510
1295+0,00	0,000	2,010	0,000	43,650	128,370	69196,540	-69068,170
1296+0,00	0,000	2,790	0,000	47,930	128,370	69244,470	-69116,100
1297+0,00	0,000	3,190	0,000	59,900	128,370	69304,370	-69176,000
1298+0,00	0,000	2,290	0,000	54,750	128,370	69359,120	-69230,750
1299+0,00	0,000	2,060	0,000	43,550	128,370	69402,670	-69274,300
1300+0,00	0,000	1,690	0,000	37,470	128,370	69440,140	-69311,770
1301+0,00	0,000	1,930	0,000	36,220	128,370	69476,360	-69347,990
1302+0,00	0,000	2,000	0,000	39,230	128,370	69515,590	-69387,220
1303+0,00	0,000	2,040	0,000	40,330	128,370	69555,910	-69427,540
1304+0,00	0,000	2,260	0,000	43,000	128,370	69598,910	-69470,540
1305+0,00	0,000	2,760	0,000	50,310	128,370	69649,220	-69520,850
1306+0,00	0,000	2,500	0,000	51,980	128,370	69701,200	-69572,830
1307+0,00	0,000	3,150	0,000	56,200	128,370	69757,400	-69629,030
1308+0,00	0,000	2,840	0,000	59,940	128,370	69817,340	-69688,970
1309+0,00	0,000	2,820	0,000	56,510	128,370	69873,850	-69745,480
1310+0,00	0,000	2,590	0,000	53,400	128,370	69927,250	-69798,880
1311+0,00	0,000	2,510	0,000	51,280	128,370	69978,520	-69850,150
1312+0,00	0,000	2,110	0,000	47,020	128,370	70025,540	-69897,170
1313+0,00	0,000	2,330	0,030	42,420	128,400	70067,970	-69939,570
1314+0,00	0,000	2,840	0,030	49,960	128,430	70117,920	-69989,490
1315+0,00	0,000	2,650	0,000	56,430	128,430	70174,350	-70045,920
1316+0,00	0,000	2,520	0,000	51,980	128,430	70226,330	-70097,900
1317+0,00	0,000	2,170	0,000	47,530	128,430	70273,860	-70145,430
1318+0,00	0,000	1,930	0,000	41,710	128,430	70315,570	-70187,140
1319+0,00	0,000	2,750	0,000	46,730	128,430	70362,300	-70233,870
1320+0,00	0,000	2,670	0,000	53,600	128,430	70415,900	-70287,470

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPEO
Secretaria das Cidades (Seconi)

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)
1321+0,00	0,000	3,020	0,000	56,190	128,430	70472,090	-70343,660
1322+0,00	0,000	2,880	0,000	58,660	128,430	70530,750	-70402,320
1323+0,00	0,000	2,640	0,000	55,070	128,430	70585,820	-70457,390
1324+0,00	0,000	2,750	0,000	53,760	128,430	70639,580	-70511,150
1325+0,00	0,000	2,280	0,000	50,630	128,430	70690,200	-70561,770
1326+0,00	0,000	2,020	0,000	43,300	128,430	70733,510	-70605,080
1327+0,00	0,000	2,040	0,000	40,700	128,430	70774,210	-70645,780
1328+0,00	0,000	1,960	0,000	40,030	128,430	70814,240	-70685,810
1329+0,00	0,000	1,290	0,000	32,510	128,430	70846,740	-70718,310
1330+0,00	0,000	1,850	0,000	31,380	128,430	70878,120	-70749,690
1331+0,00	0,000	2,030	0,000	38,840	128,430	70916,960	-70788,530
1332+0,00	0,000	2,350	0,000	44,090	128,430	70961,050	-70832,620
1333+0,00	0,000	2,070	0,000	44,340	128,430	71005,390	-70876,960
1334+0,00	0,000	3,840	0,000	59,400	128,430	71064,790	-70936,360
1335+0,00	0,000	3,110	0,000	68,960	128,430	71133,750	-71005,320
1336+0,00	0,110	2,750	1,080	58,550	129,510	71192,300	-71062,790
1337+0,00	0,180	2,680	2,730	55,540	132,240	71247,840	-71115,600
1338+0,00	0,160	2,590	3,260	53,860	135,500	71301,700	-71166,200
1339+0,00	0,290	2,310	4,520	48,990	140,020	71350,690	-71210,670
1340+0,00	0,070	2,850	3,640	51,540	143,670	71402,230	-71258,560
1341+0,00	0,000	4,340	0,720	71,910	144,390	71474,140	-71329,750
1342+0,00	0,000	2,850	0,000	71,680	144,390	71545,820	-71401,430
1343+0,00	0,000	2,930	0,000	57,390	144,390	71603,210	-71458,820
1344+0,00	0,000	3,300	0,000	61,840	144,390	71665,050	-71520,660
1345+0,00	0,000	2,600	0,000	58,220	144,390	71723,270	-71578,880
1346+0,00	0,000	2,450	0,000	50,310	144,390	71773,580	-71629,190
1347+0,00	0,000	2,250	0,000	46,940	144,390	71820,530	-71676,140
1348+0,00	0,000	2,210	0,000	44,360	144,390	71864,890	-71720,500
1349+0,00	0,000	1,910	0,000	41,120	144,390	71906,010	-71761,620
1350+0,00	0,000	1,700	0,000	36,240	144,390	71942,250	-71797,860
1351+0,00	0,000	1,800	0,000	34,790	144,390	71977,040	-71832,650
1352+0,00	0,000	1,960	0,000	37,580	144,390	72014,620	-71870,230
1353+0,00	0,000	1,670	0,000	36,290	144,390	72050,920	-71906,530
1354+0,00	0,000	2,230	0,000	39,070	144,390	72089,980	-71945,590
1355+0,00	0,000	2,570	0,000	48,060	144,390	72138,040	-71993,650
1356+0,00	0,000	3,150	0,000	57,270	144,390	72195,310	-72050,920
1357+0,00	0,000	3,230	0,000	63,950	144,390	72259,270	-72114,880
1358+0,00	0,000	3,160	0,000	63,200	144,390	72322,460	-72178,070
1359+0,00	0,000	3,890	0,000	69,970	144,390	72392,430	-72248,040
1360+0,00	0,000	4,360	0,000	81,730	144,390	72474,160	-72329,770
1361+0,00	0,000	3,690	0,000	79,860	144,390	72554,020	-72409,630
1362+0,00	0,060	3,120	0,600	67,640	144,990	72621,650	-72476,660
1363+0,00	0,030	3,520	0,900	66,380	145,890	72688,040	-72542,150
1364+0,00	0,080	3,380	1,050	69,510	146,940	72757,550	-72610,610
1365+0,00	0,160	3,120	2,350	65,010	149,290	72822,560	-72673,270
1366+0,00	0,380	2,510	4,770	60,010	154,050	72882,570	-72728,520
1367+0,00	0,240	2,200	5,890	48,530	159,940	72931,100	-72771,160
1368+0,00	0,160	2,840	4,070	50,020	164,010	72981,120	-72817,110
1369+0,00	0,000	3,230	1,600	60,730	165,610	73041,850	-72876,240
1370+0,00	0,030	2,600	0,340	57,700	165,960	73099,550	-72933,590
1371+0,00	0,000	2,900	0,350	55,300	166,300	73154,840	-72988,540
1372+0,00	0,000	3,930	0,020	68,270	166,330	73223,120	-73056,790
1373+0,00	0,000	1,920	0,040	59,790	166,370	73282,910	-73116,540
1374+0,00	0,000	1,970	0,050	38,900	166,420	73321,800	-73155,380
1375+0,00	0,000	2,270	0,000	42,450	166,420	73364,250	-73197,830
1376+0,00	0,000	2,630	0,000	48,630	166,420	73412,880	-73246,460
1377+0,00	0,000	2,960	0,000	55,560	166,420	73468,440	-73302,020
1378+0,00	0,000	3,300	0,000	62,630	166,420	73531,070	-73364,650
1379+0,00	0,000	3,710	0,000	70,010	166,420	73601,080	-73434,660
1380+0,00	0,000	3,530	0,000	72,400	166,420	73673,490	-73507,070
1381+0,00	0,000	3,130	0,000	66,610	166,420	73740,100	-73573,680
1382+0,00	0,000	3,260	0,000	63,860	166,420	73803,960	-73637,540
1383+0,00	0,000	3,360	0,000	66,210	166,420	73870,170	-73703,750
1384+0,00	0,000	3,030	0,000	63,890	166,420	73934,060	-73767,640
1385+0,00	0,000	2,640	0,000	56,670	166,420	73990,740	-73824,320
1386+0,00	0,000	2,610	0,000	52,510	166,420	74043,250	-73876,830
1387+0,00	0,000	2,310	0,000	49,280	166,420	74092,520	-73926,100
1388+0,00	0,010	2,110	0,150	43,740	166,570	74136,260	-73969,690
1389+0,00	0,000	2,200	0,170	43,130	166,730	74179,390	-74012,660
1390+0,00	0,120	1,940	1,210	41,640	167,940	74221,040	-74053,100

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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)
1391+0,00	0,090	2,240	2,120	41,700	170,060	74262,740	-74092,680
1392+0,00	0,050	2,040	1,380	43,290	171,450	74306,030	-74134,580
1393+0,00	0,010	1,910	0,560	40,110	172,010	74346,140	-74174,130
1394+0,00	0,000	2,310	0,100	42,450	172,100	74388,600	-74216,500
1395+0,00	0,000	2,430	0,010	47,490	172,120	74436,090	-74263,970
1396+0,00	0,000	2,590	0,000	50,200	172,120	74486,290	-74314,170
1397+0,00	0,000	2,350	0,000	49,180	172,120	74535,470	-74363,350
1398+0,00	0,000	2,430	0,000	47,830	172,120	74583,300	-74411,180
1399+0,00	0,000	4,170	0,000	65,760	172,120	74649,060	-74476,940
1400+0,00	0,000	2,790	0,000	68,590	172,120	74717,650	-74545,530
1401+0,00	0,000	2,750	0,000	54,550	172,120	74772,200	-74600,080
1402+0,00	0,000	2,490	0,000	53,130	172,120	74825,340	-74653,220
1403+0,00	0,000	2,270	0,000	48,690	172,120	74874,030	-74701,910
1404+0,00	0,000	1,890	0,000	41,830	172,120	74915,860	-74743,740
1405+0,00	0,000	1,770	0,000	36,610	172,120	74952,470	-74780,350
1406+0,00	0,000	1,600	0,000	33,600	172,120	74986,080	-74813,960
1407+0,00	0,000	2,470	0,000	40,550	172,120	75026,630	-74854,510
1408+0,00	0,000	3,390	0,000	57,850	172,120	75084,480	-74912,360
1409+0,00	0,210	2,260	2,090	56,160	174,200	75140,640	-74966,440
1410+0,00	0,180	3,220	3,750	55,570	177,950	75196,210	-75018,260
1411+0,00	0,150	3,750	3,210	70,200	181,160	75266,410	-75085,250
1412+0,00	0,220	3,020	3,520	69,450	184,680	75335,860	-75151,180
1413+0,00	0,140	2,940	3,630	59,630	188,310	75395,490	-75207,180
1414+0,00	0,320	2,400	4,490	53,720	192,810	75449,220	-75256,410
1415+0,00	0,000	1,750	3,180	41,370	195,990	75490,580	-75294,590
1416+0,00	0,000	1,700	0,000	34,560	195,990	75525,140	-75329,150
1417+0,00	0,000	1,600	0,000	32,340	195,990	75557,480	-75361,490
1418+0,00	0,000	2,450	0,000	40,410	195,990	75597,890	-75401,900
1419+0,00	0,000	2,010	0,000	44,650	195,990	75642,540	-75446,550
1420+0,00	0,000	2,470	0,000	44,850	195,990	75687,390	-75491,400
1421+0,00	0,000	2,020	0,000	44,750	195,990	75732,140	-75536,150
1422+0,00	0,000	1,700	0,000	37,190	195,990	75769,330	-75573,340
1423+0,00	0,010	1,740	0,080	34,440	196,070	75803,770	-75607,700
1424+0,00	0,070	1,680	0,800	33,620	196,870	75837,380	-75640,510
1425+0,00	0,140	2,800	2,240	42,590	199,120	75879,970	-75680,850
1426+0,00	0,170	2,860	2,980	56,890	202,100	75936,860	-75734,760
1427+0,00	0,130	2,540	2,970	53,950	205,070	75990,800	-75785,730
1428+0,00	0,020	2,680	1,470	52,160	206,540	76042,960	-75836,420
1429+0,00	0,000	2,320	0,160	50,430	206,690	76093,390	-75886,700
1430+0,00	0,000	2,330	0,000	46,780	206,690	76140,170	-75933,480
1431+0,00	0,000	1,960	0,000	43,280	206,690	76183,450	-75976,760
1432+0,00	0,000	2,230	0,000	41,970	206,690	76225,410	-76018,720
1433+0,00	0,000	1,850	0,020	40,820	206,720	76266,240	-76059,520
1434+0,00	0,000	1,630	0,020	34,640	206,740	76300,880	-76094,140
1435+0,00	0,000	1,660	0,000	32,710	206,740	76333,590	-76126,850
1436+0,00	0,000	1,560	0,000	32,120	206,740	76365,720	-76158,980
1437+0,00	0,000	1,820	0,000	33,760	206,740	76399,470	-76192,730
1438+0,00	0,000	2,350	0,000	41,630	206,740	76441,100	-76234,360
1439+0,00	0,000	3,200	0,000	55,390	206,740	76496,490	-76289,750
1440+0,00	0,000	2,510	0,000	57,030	206,740	76553,520	-76346,780
1441+0,00	0,000	2,740	0,000	52,450	206,740	76605,970	-76399,230
1442+0,00	0,000	2,520	0,000	52,560	206,740	76658,530	-76451,790
1443+0,00	0,000	2,800	0,000	53,270	206,740	76711,790	-76505,050
1444+0,00	0,000	3,210	0,000	60,180	206,740	76771,980	-76565,240
1445+0,00	0,000	2,750	0,000	59,560	206,740	76831,530	-76624,790
1446+0,00	0,000	2,590	0,000	53,810	206,740	76885,340	-76678,600
1447+0,00	0,000	2,530	0,000	51,370	206,740	76936,720	-76729,980
1448+0,00	0,000	2,740	0,000	52,610	206,740	76989,330	-76782,590
1449+0,00	0,000	2,540	0,000	52,980	206,740	77042,310	-76835,570
1450+0,00	0,000	2,340	0,000	48,970	206,740	77091,290	-76884,550
1451+0,00	0,000	2,650	0,000	49,650	206,740	77140,940	-76934,200
1452+0,00	0,000	2,700	0,000	53,230	206,740	77194,170	-76987,430
1453+0,00	0,000	2,580	0,000	52,600	206,740	77246,770	-77040,030
1454+0,00	0,000	2,670	0,000	52,400	206,740	77299,180	-77092,440
1455+0,00	0,000	2,660	0,000	53,830	206,740	77353,000	-77146,260
1456+0,00	0,000	2,540	0,000	52,130	206,740	77405,130	-77198,390
1457+0,00	0,000	2,470	0,000	50,280	206,740	77455,420	-77248,680
1458+0,00	0,000	2,440	0,000	48,580	206,740	77504,000	-77297,260
1459+0,00	0,000	2,430	0,000	48,640	206,740	77552,650	-77345,910
1460+0,00	0,000	2,250	0,000	46,910	206,740	77599,550	-77392,810

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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)
1461+0,00	0,000	2,350	0,000	46,020	206,740	77645,570	-77438,830
1462+0,00	0,000	2,320	0,000	46,690	206,740	77692,260	-77485,520
1463+0,00	0,000	1,310	0,000	36,320	206,740	77728,580	-77521,840
1464+0,00	0,000	2,410	0,000	37,200	206,740	77765,780	-77559,040
1465+0,00	0,000	2,160	0,000	45,800	206,740	77811,580	-77604,840
1466+0,00	0,000	1,800	0,000	39,500	206,740	77851,080	-77644,340
1467+0,00	0,000	2,490	0,000	42,580	206,740	77893,660	-77686,920
1468+0,00	0,000	2,480	0,000	49,140	206,740	77942,800	-77736,060
1469+0,00	0,000	2,620	0,000	50,740	206,740	77993,540	-77786,800
1470+0,00	0,000	2,450	0,000	50,920	206,740	78044,460	-77837,720
1471+0,00	0,000	2,290	0,000	47,770	206,740	78092,230	-77885,490
1472+0,00	0,000	2,160	0,010	44,600	206,750	78136,830	-77930,080
1473+0,00	0,000	2,480	0,010	46,110	206,760	78182,930	-77976,170
1474+0,00	0,000	2,740	0,000	52,130	206,760	78235,060	-78028,300
1475+0,00	0,000	2,740	0,000	54,570	206,760	78289,630	-78082,870
1476+0,00	0,000	3,060	0,000	57,690	206,760	78347,320	-78140,560
1477+0,00	0,000	2,970	0,000	59,890	206,760	78407,210	-78200,450
1478+0,00	0,000	3,340	0,000	62,660	206,760	78469,870	-78263,110
1479+0,00	0,000	3,160	0,000	65,040	206,760	78534,920	-78328,160
1480+0,00	0,000	2,690	0,000	59,160	206,760	78594,080	-78387,320
1481+0,00	0,000	2,530	0,000	52,240	206,760	78646,320	-78439,560
1482+0,00	0,000	2,490	0,000	50,270	206,760	78696,590	-78489,830
1483+0,00	0,000	3,000	0,000	54,890	206,760	78751,480	-78544,720
1484+0,00	0,000	2,240	0,000	52,440	206,760	78803,920	-78597,160
1485+0,00	0,000	2,190	0,000	44,330	206,760	78848,250	-78641,490
1486+0,00	0,000	2,310	0,000	44,620	206,760	78892,870	-78686,110
1487+0,00	0,000	1,800	0,000	40,990	206,760	78933,870	-78727,110
1488+0,00	0,000	2,470	0,000	42,600	206,760	78976,470	-78769,710
1489+0,00	0,000	1,670	0,000	41,340	206,760	79017,800	-78811,040
1490+0,00	0,000	2,100	0,000	37,470	206,760	79055,270	-78848,510
1491+0,00	0,000	2,700	0,000	47,870	206,760	79103,140	-78896,380
1492+0,00	0,000	2,270	0,000	49,700	206,760	79152,840	-78946,080
1493+0,00	0,000	2,930	0,000	52,220	206,760	79205,060	-78998,300
1494+0,00	0,030	2,340	0,270	52,930	207,030	79258,000	-79050,970
1495+0,00	0,100	1,890	1,210	42,800	208,230	79300,790	-79092,560
1496+0,00	0,080	1,670	1,680	36,050	209,910	79336,850	-79126,940
1497+0,00	0,300	1,770	3,780	34,400	213,700	79371,240	-79157,540
1498+0,00	0,320	1,740	6,200	35,030	219,900	79406,270	-79186,370
1499+0,00	0,240	1,620	5,560	33,650	225,460	79439,920	-79214,460
1500+0,00	0,360	1,270	5,930	29,030	231,390	79468,950	-79237,560
1501+0,00	0,000	1,920	3,560	31,940	234,950	79500,890	-79265,940
1502+0,00	0,000	2,580	0,000	44,980	234,950	79545,870	-79310,920
1503+0,00	0,000	3,020	0,000	55,750	234,950	79601,620	-79366,670
1504+0,00	0,000	3,590	0,000	65,960	234,950	79667,570	-79432,620
1505+0,00	0,000	4,120	0,000	77,110	234,950	79744,690	-79509,740
1506+0,00	0,000	2,620	0,000	67,380	234,950	79812,070	-79577,120
1507+0,00	0,000	3,660	0,000	62,740	234,950	79874,810	-79639,860
1508+0,00	0,000	3,120	0,000	67,760	234,950	79942,570	-79707,620
1509+0,00	0,000	5,120	0,000	82,970	234,950	80025,540	-79790,590
1510+0,00	0,000	3,340	0,000	84,620	234,950	80110,160	-79875,210
1511+0,00	0,190	2,650	1,790	60,800	236,740	80170,960	-79934,220
1512+0,00	0,180	2,210	3,540	49,490	240,280	80220,450	-79980,170
1513+0,00	0,420	1,430	5,740	37,320	246,020	80257,780	-80011,760
1514+0,00	1,420	1,110	18,400	25,370	264,420	80283,150	-80018,730
1515+0,00	0,550	2,070	19,780	31,820	284,200	80314,970	-80030,770
1516+0,00	0,400	2,520	9,820	44,940	294,020	80359,910	-80065,890
1517+0,00	0,610	1,980	10,170	44,830	304,190	80404,740	-80100,550
1518+0,00	0,190	3,320	8,220	52,480	312,410	80457,220	-80144,810
1519+0,00	0,040	3,760	2,300	71,260	314,710	80528,480	-80213,770
1520+0,00	0,200	0,480	2,310	43,140	317,020	80571,620	-80254,600
1521+0,00	0,280	0,230	4,800	7,260	321,810	80578,880	-80257,070
1522+0,00	0,220	1,350	4,890	15,930	326,700	80594,810	-80268,110
1523+0,00	0,090	1,460	2,860	28,780	329,560	80623,600	-80294,040
1524+0,00	0,440	1,600	4,920	31,800	334,480	80655,400	-80320,920
1525+0,00	0,910	0,560	13,480	21,700	347,960	80677,100	-80329,140
1526+0,00	0,230	2,290	11,430	28,530	359,390	80705,630	-80346,240
1527+0,00	0,470	2,610	7,370	47,250	366,760	80752,880	-80386,120
1528+0,00	0,000	3,120	4,900	55,870	371,660	80808,750	-80437,090
1529+0,00	0,020	3,070	0,220	61,340	371,880	80870,090	-80498,210
1530+0,00	0,010	3,380	0,280	63,780	372,160	80933,870	-80561,710

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1531+0,00	0,050	3,060	0,570	65,810	372,730	80999,680	-80626,950
1532+0,00	0,000	3,920	0,530	70,050	373,270	81069,730	-80696,460
1533+0,00	0,000	2,990	0,000	68,970	373,270	81138,700	-80765,430
1534+0,00	0,000	4,530	0,000	75,520	373,270	81214,220	-80840,950
1535+0,00	0,000	5,120	0,000	96,520	373,270	81310,740	-80937,470
1536+0,00	0,000	3,290	0,000	84,090	373,270	81394,830	-81021,560
1537+0,00	0,000	3,280	0,000	65,450	373,270	81460,280	-81087,010
1538+0,00	0,000	2,750	0,000	60,070	373,270	81520,350	-81147,080
1539+0,00	0,000	2,450	0,000	51,960	373,270	81572,310	-81199,040
1540+0,00	0,020	2,650	0,200	51,750	373,460	81624,060	-81250,600
1541+0,00	0,020	2,720	0,380	53,570	373,840	81677,630	-81303,790
1542+0,00	0,060	2,190	0,730	48,740	374,580	81726,380	-81351,800
1543+0,00	0,000	2,700	0,580	48,290	375,160	81774,660	-81399,500
1544+0,00	0,000	2,910	0,000	55,820	375,160	81830,480	-81455,320
1545+0,00	0,000	2,090	0,000	49,690	375,160	81880,170	-81505,010
1546+0,00	0,000	1,700	0,000	37,800	375,160	81917,970	-81542,810
1547+0,00	0,000	2,900	0,000	45,900	375,160	81963,870	-81588,710
1548+0,00	0,000	2,100	0,000	49,880	375,160	82013,740	-81638,580
1549+0,00	0,000	2,080	0,000	41,760	375,160	82055,500	-81680,340
1550+0,00	0,000	2,140	0,000	41,820	375,160	82097,320	-81722,160
1551+0,00	0,000	2,520	0,000	46,350	375,160	82143,670	-81768,510
1552+0,00	0,000	3,320	0,000	58,270	375,160	82201,940	-81826,780
1553+0,00	0,000	3,010	0,000	63,450	375,160	82265,390	-81890,230
1554+0,00	0,000	3,470	0,000	65,010	375,160	82330,400	-81955,240
1555+0,00	0,000	3,760	0,000	72,310	375,160	82402,710	-82027,550
1556+0,00	0,000	3,920	0,000	76,880	375,160	82479,590	-82104,430
1557+0,00	0,000	3,170	0,000	70,930	375,160	82550,520	-82175,360
1558+0,00	0,000	3,310	0,000	64,760	375,160	82615,270	-82240,110
1559+0,00	0,000	3,440	0,000	67,450	375,160	82682,720	-82307,560
1560+0,00	0,000	3,400	0,000	68,340	375,160	82751,070	-82375,910
1561+0,00	0,000	3,890	0,000	72,880	375,160	82823,950	-82448,790
1562+0,00	0,000	3,560	0,000	74,490	375,160	82898,440	-82523,280
1563+0,00	0,000	2,760	0,000	63,130	375,160	82961,570	-82586,410
1564+0,00	0,000	2,560	0,000	53,110	375,160	83014,680	-82639,520
1565+0,00	0,000	2,300	0,000	48,600	375,160	83063,270	-82688,110
1566+0,00	0,000	2,140	0,030	44,430	375,190	83107,700	-82732,510
1567+0,00	0,000	2,440	0,040	45,730	375,230	83153,440	-82778,210
1568+0,00	0,000	2,290	0,020	47,300	375,240	83200,740	-82825,500
1569+0,00	0,000	2,550	0,010	48,400	375,260	83249,140	-82873,880
1570+0,00	0,000	1,990	0,000	45,480	375,260	83294,630	-82919,370
1571+0,00	0,000	1,330	0,000	33,230	375,260	83327,860	-82952,600
1572+0,00	0,000	2,620	0,000	39,490	375,260	83367,350	-82992,090
1573+0,00	0,000	2,940	0,000	55,590	375,260	83422,940	-83047,680
1574+0,00	0,000	2,170	0,000	51,160	375,260	83474,100	-83098,840
1575+0,00	0,000	2,720	0,000	48,970	375,260	83523,080	-83147,820
1576+0,00	0,000	2,570	0,000	52,950	375,260	83576,020	-83200,760
1577+0,00	0,000	2,470	0,000	50,420	375,260	83626,440	-83251,180
1578+0,00	0,110	0,930	1,130	34,000	376,380	83660,450	-83284,070
1579+0,00	0,000	2,790	1,130	37,230	377,510	83697,680	-83320,170
1580+0,00	0,000	2,460	0,000	52,520	377,510	83750,200	-83372,690
1581+0,00	0,000	3,670	0,000	61,280	377,510	83811,480	-83433,970
1582+0,00	0,000	3,220	0,000	69,040	377,510	83880,520	-83503,010
1583+0,00	0,000	3,420	0,000	66,360	377,510	83946,870	-83569,360
1584+0,00	0,000	2,750	0,000	61,650	377,510	84008,530	-83631,020
1585+0,00	0,000	2,940	0,000	56,880	377,510	84065,410	-83687,900
1586+0,00	0,000	2,350	0,000	52,970	377,510	84118,370	-83740,860
1587+0,00	0,000	3,380	0,000	57,300	377,510	84175,670	-83798,160
1588+0,00	0,000	3,510	0,000	68,830	377,510	84244,510	-83867,000
1589+0,00	0,000	3,570	0,000	70,740	377,510	84315,240	-83937,730
1590+0,00	0,000	3,620	0,000	71,900	377,510	84387,140	-84009,630
1591+0,00	0,000	3,580	0,000	72,050	377,510	84459,190	-84081,680
1592+0,00	0,000	3,550	0,000	71,320	377,510	84530,510	-84153,000
1593+0,00	0,000	3,090	0,000	66,350	377,510	84596,870	-84219,360
1594+0,00	0,000	3,170	0,000	62,570	377,510	84659,440	-84281,930
1595+0,00	0,000	2,890	0,000	60,650	377,510	84720,090	-84342,580
1596+0,00	0,000	2,840	0,000	57,380	377,510	84777,470	-84399,960
1597+0,00	0,000	2,530	0,000	53,770	377,510	84831,240	-84453,730
1598+0,00	0,000	2,770	0,000	53,070	377,510	84884,310	-84506,800
1599+0,00	0,000	2,250	0,000	50,200	377,510	84934,500	-84556,990
1600+0,00	0,000	2,550	0,000	47,930	377,510	84982,430	-84604,920

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - SUPPO
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)
1601+0,00	0,000	2,890	0,000	54,380	377,510	85036,810	-84659,300
1602+0,00	0,000	3,320	0,000	62,120	377,510	85098,930	-84721,420
1603+0,00	0,000	3,300	0,000	66,180	377,510	85165,110	-84787,600
1604+0,00	0,000	4,000	0,000	72,980	377,510	85238,090	-84860,580
1605+0,00	0,000	3,810	0,000	78,120	377,510	85316,210	-84938,700
1606+0,00	0,000	2,740	0,000	65,550	377,510	85381,770	-85004,260
1607+0,00	0,000	3,340	0,000	60,880	377,510	85442,650	-85065,140
1608+0,00	0,000	3,740	0,000	70,900	377,510	85513,550	-85136,040
1609+0,00	0,000	3,940	0,000	76,840	377,510	85590,390	-85212,880
1610+0,00	0,000	3,760	0,000	77,000	377,510	85667,390	-85289,880
1611+0,00	0,000	3,590	0,000	73,500	377,510	85740,890	-85363,380
1612+0,00	0,000	2,790	0,000	63,790	377,510	85804,680	-85427,170
1613+0,00	0,000	3,050	0,000	58,370	377,510	85863,050	-85485,540
1614+0,00	0,000	2,860	0,000	59,020	377,510	85922,070	-85544,560
1615+0,00	0,000	2,680	0,000	55,340	377,510	85977,400	-85599,890
1616+0,00	0,000	2,610	0,000	52,840	377,510	86030,240	-85652,730
1617+0,00	0,000	2,860	0,000	54,640	377,510	86084,880	-85707,370
1618+0,00	0,000	2,320	0,000	51,770	377,510	86136,650	-85759,140
1619+0,00	0,000	2,900	0,000	52,200	377,510	86188,850	-85811,340
1620+0,00	0,000	3,180	0,000	60,810	377,510	86249,660	-85872,150
1621+0,00	0,000	3,400	0,000	65,750	377,510	86315,400	-85937,890
1622+0,00	0,000	3,470	0,000	68,680	377,510	86384,090	-86006,580
1623+0,00	0,000	3,530	0,000	70,040	377,510	86454,130	-86076,620
1624+0,00	0,000	3,450	0,000	69,880	377,510	86524,010	-86146,500
1625+0,00	0,000	3,520	0,000	69,680	377,510	86593,680	-86216,170
1626+0,00	0,000	4,000	0,000	75,310	377,510	86668,990	-86291,480
1627+0,00	0,000	3,760	0,000	77,700	377,510	86746,690	-86369,180
1628+0,00	0,000	3,880	0,000	76,500	377,510	86823,190	-86445,680
1629+0,00	0,000	5,090	0,000	89,770	377,510	86912,960	-86535,450
1630+0,00	0,000	4,650	0,000	97,420	377,510	87010,380	-86632,870
1631+0,00	0,000	4,190	0,000	88,470	377,510	87098,850	-86721,340
1632+0,00	0,000	3,470	0,000	76,560	377,510	87175,410	-86797,900
1633+0,00	0,000	2,610	0,000	60,660	377,510	87236,060	-86858,550
1634+0,00	0,000	2,730	0,000	53,360	377,510	87289,420	-86911,910
1635+0,00	0,000	3,480	0,000	61,600	377,510	87351,020	-86973,510
1636+0,00	0,000	2,820	0,000	63,010	377,510	87414,040	-87036,530
1637+0,00	0,000	1,820	0,000	47,100	377,510	87461,130	-87083,620
1638+0,00	0,000	2,290	0,000	40,400	377,510	87501,530	-87124,020
1639+0,00	0,000	2,350	0,000	46,500	377,510	87548,030	-87170,520
1640+0,00	0,000	2,100	0,000	45,220	377,510	87593,250	-87215,740
1641+0,00	0,000	2,170	0,000	42,900	377,510	87636,150	-87258,640
1642+0,00	0,000	2,220	0,000	43,930	377,510	87680,090	-87302,580
1643+0,00	0,000	2,310	0,000	45,200	377,510	87725,290	-87347,780
1644+0,00	0,000	2,470	0,000	47,780	377,510	87773,070	-87395,560
1645+0,00	0,000	3,170	0,000	56,320	377,510	87829,380	-87451,870
1646+0,00	0,000	2,870	0,000	60,310	377,510	87889,690	-87512,180
1647+0,00	0,000	2,160	0,000	50,310	377,510	87940,000	-87562,490
1648+0,00	0,000	2,560	0,000	47,220	377,510	87987,220	-87609,710
1649+0,00	0,000	2,890	0,000	54,410	377,510	88041,630	-87664,120
1650+0,00	0,000	2,800	0,000	56,850	377,510	88098,470	-87720,960
1651+0,00	0,000	2,290	0,000	50,940	377,510	88149,420	-87771,910
1652+0,00	0,000	2,830	0,000	51,220	377,510	88200,640	-87823,130
1653+0,00	0,000	2,920	0,000	57,480	377,510	88258,120	-87880,610
1654+0,00	0,000	2,600	0,000	55,180	377,510	88313,300	-87935,790
1655+0,00	0,000	2,600	0,000	52,330	377,510	88365,630	-87988,120
1656+0,00	0,000	2,450	0,000	50,500	377,510	88416,130	-88038,620
1657+0,00	0,000	2,630	0,000	50,840	377,510	88466,970	-88089,460
1658+0,00	0,000	2,430	0,000	50,690	377,510	88517,660	-88140,150
1659+0,00	0,000	2,580	0,000	50,090	377,510	88567,750	-88190,240
1660+0,00	0,000	2,960	0,000	55,390	377,510	88623,140	-88245,630
1661+0,00	0,000	2,760	0,000	58,090	377,510	88681,230	-88303,720
1662+0,00	0,000	1,980	0,000	48,000	377,510	88729,230	-88351,720
1663+0,00	0,000	2,970	0,000	49,710	377,510	88778,940	-88401,430
1664+0,00	0,000	2,560	0,000	55,430	377,510	88834,370	-88456,860
1665+0,00	0,000	2,990	0,000	55,190	377,510	88889,560	-88512,050
1666+0,00	0,000	2,740	0,000	57,100	377,510	88946,660	-88569,150
1667+0,00	0,000	3,170	0,000	58,270	377,510	89004,930	-88627,420
1668+0,00	0,000	3,050	0,000	62,000	377,510	89066,930	-88689,420
1669+0,00	0,000	3,350	0,000	63,950	377,510	89130,880	-88753,370
1670+0,00	0,000	3,150	0,000	65,230	377,510	89196,110	-88818,600

Osvaldo Leôncio da Silva [illegible]no
Diretor da Unidade de Projetos
Projetos e Obras - DUPPO
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)
1671+0,00	0,000	3,120	0,000	63,030	377,510	89259,140	-88881,630
1672+0,00	0,000	2,640	0,000	57,620	377,510	89316,760	-88939,250
1673+0,00	0,000	3,060	0,000	56,970	377,510	89373,740	-88996,230
1674+0,00	0,000	2,090	0,000	51,510	377,510	89425,250	-89047,740
1675+0,00	0,000	2,600	0,000	46,820	377,510	89472,070	-89094,560
1676+0,00	0,000	2,040	0,000	46,330	377,510	89518,400	-89140,890
1677+0,00	0,000	1,820	0,000	38,590	377,510	89556,990	-89179,480
1678+0,00	0,000	1,970	0,000	37,830	377,510	89594,820	-89217,310
1679+0,00	0,000	1,940	0,000	38,840	377,510	89633,660	-89256,150
1680+0,00	0,000	2,470	0,000	43,830	377,510	89677,500	-89299,990
1681+0,00	0,000	2,030	0,000	44,770	377,510	89722,270	-89344,760
1682+0,00	0,000	2,440	0,000	44,690	377,510	89766,960	-89389,450
1683+0,00	0,000	3,030	0,000	54,780	377,510	89821,730	-89444,220
1684+0,00	0,000	2,590	0,000	56,270	377,510	89878,000	-89500,490
1685+0,00	0,000	2,720	0,000	53,210	377,510	89931,210	-89553,700
1686+0,00	0,000	2,490	0,000	52,250	377,510	89983,460	-89605,950
1687+0,00	0,000	2,780	0,000	52,760	377,510	90036,220	-89658,710
1688+0,00	0,000	3,710	0,000	64,890	377,510	90101,110	-89723,600
1689+0,00	0,000	3,650	0,000	73,710	377,510	90174,820	-89797,310
1690+0,00	0,000	2,800	0,000	64,450	377,510	90239,270	-89861,760
1691+0,00	0,000	2,980	0,000	57,690	377,510	90296,970	-89919,460
1692+0,00	0,000	3,140	0,000	61,140	377,510	90358,110	-89980,600
1693+0,00	0,000	3,820	0,000	69,920	377,510	90428,030	-90050,520
1694+0,00	0,000	4,100	0,000	79,640	377,510	90507,680	-90130,170
1695+0,00	0,000	3,350	0,000	75,350	377,510	90583,020	-90205,510
1696+0,00	0,010	2,860	0,090	62,880	377,600	90645,900	-90268,300
1697+0,00	0,000	3,050	0,100	59,310	377,700	90705,220	-90327,520
1698+0,00	0,000	3,010	0,000	60,660	377,700	90765,870	-90388,170
1699+0,00	0,000	2,690	0,020	57,070	377,720	90822,950	-90445,230
1700+0,00	0,000	4,940	0,020	76,380	377,730	90899,320	-90521,590
1701+0,00	0,000	3,370	0,000	83,120	377,730	90982,440	-90604,710
1702+0,00	0,000	3,200	0,000	65,640	377,730	91048,080	-90670,350
1703+0,00	0,000	2,960	0,000	61,530	377,730	91109,620	-90731,890
1704+0,00	0,000	2,470	0,000	54,300	377,730	91163,910	-90786,180
1705+0,00	0,000	2,510	0,000	48,990	377,730	91212,910	-90835,180
1706+0,00	0,000	2,800	0,000	50,550	377,730	91263,460	-90885,730
1707+0,00	0,000	2,610	0,000	53,350	377,730	91316,810	-90939,080
1708+0,00	0,000	2,790	0,000	53,080	377,730	91369,890	-90992,160
1709+0,00	0,000	2,510	0,000	53,070	377,730	91422,960	-91045,230
1710+0,00	0,000	2,520	0,000	51,130	377,730	91474,090	-91096,360
1711+0,00	0,000	1,560	0,000	41,050	377,730	91515,140	-91137,410
1712+0,00	0,000	1,620	0,000	32,180	377,730	91547,320	-91169,590
1713+0,00	0,000	1,730	0,000	33,510	377,730	91580,830	-91203,100
1714+0,00	0,000	2,190	0,000	38,800	377,730	91619,630	-91241,900
1715+0,00	0,000	2,240	0,000	43,970	377,730	91663,590	-91285,860
1716+0,00	0,010	2,540	0,130	47,580	377,860	91711,180	-91333,320
1717+0,00	0,020	2,020	0,290	46,000	378,150	91757,180	-91379,030
1718+0,00	0,000	2,400	0,160	44,220	378,310	91801,400	-91423,090
1719+0,00	0,000	2,100	0,000	45,140	378,310	91846,540	-91468,230
1720+0,00	0,000	2,520	0,000	46,190	378,310	91892,730	-91514,420
1721+0,00	0,000	2,900	0,000	53,780	378,310	91946,510	-91568,200
1722+0,00	0,000	2,890	0,000	57,870	378,310	92004,370	-91626,060
1723+0,00	0,000	3,490	0,000	64,040	378,310	92068,410	-91690,100
1724+0,00	0,000	3,500	0,000	70,110	378,310	92138,520	-91760,210
1725+0,00	0,000	3,430	0,000	69,390	378,310	92207,910	-91829,600
1726+0,00	0,000	3,190	0,000	66,090	378,310	92274,010	-91895,700
1727+0,00	0,000	2,930	0,000	61,360	378,310	92335,370	-91957,060
1728+0,00	0,000	3,030	0,000	59,910	378,310	92395,280	-92016,970
1729+0,00	0,000	2,850	0,000	59,730	378,310	92455,010	-92076,700
1730+0,00	0,000	3,240	0,000	61,170	378,310	92516,180	-92137,870
1731+0,00	0,000	2,810	0,000	60,920	378,310	92577,110	-92198,800
1732+0,00	0,000	2,720	0,000	54,410	378,310	92631,520	-92253,210
1733+0,00	0,000	2,870	0,000	55,850	378,310	92687,370	-92309,060
1734+0,00	0,000	2,930	0,010	57,770	378,320	92745,150	-92366,830
1735+0,00	0,000	3,370	0,010	60,450	378,330	92805,600	-92427,270
1736+0,00	0,000	2,930	0,000	63,400	378,330	92869,000	-92490,670
1737+0,00	0,000	2,800	0,000	58,400	378,330	92927,400	-92549,070
1738+0,00	0,000	2,590	0,000	53,950	378,330	92981,350	-92603,020
1739+0,00	0,000	2,510	0,000	51,200	378,330	93032,560	-92654,230
1740+0,00	0,000	2,050	0,000	45,560	378,330	93078,120	-92699,790

Osvaldo Leôncio da Silva
Diretor da Unidade de 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)
1741+0,00	0,000	2,610	0,000	46,650	378,340	93124,770	-92746,430
1742+0,00	0,000	2,620	0,000	52,390	378,340	93177,160	-92798,820
1743+0,00	0,000	2,710	0,000	53,030	378,340	93230,200	-92851,860
1744+0,00	0,010	2,530	0,120	52,400	378,460	93282,600	-92904,140
1745+0,00	0,000	2,860	0,150	53,850	378,610	93336,440	-92957,830
1746+0,00	0,010	2,770	0,180	55,890	378,790	93392,340	-93013,550
1747+0,00	0,000	2,410	0,150	51,500	378,930	93443,840	-93064,910
1748+0,00	0,000	2,490	0,000	47,680	378,930	93491,520	-93112,590
1749+0,00	0,000	2,800	0,000	52,590	378,930	93544,100	-93165,170
1750+0,00	0,000	4,060	0,000	68,200	378,930	93612,300	-93233,370
1751+0,00	0,000	2,610	0,000	65,880	378,930	93678,180	-93299,250
1752+0,00	0,000	2,170	0,000	47,400	378,930	93725,580	-93346,650
1753+0,00	0,000	2,350	0,000	45,170	378,930	93770,750	-93391,820
1754+0,00	0,000	2,520	0,000	48,680	378,930	93819,430	-93440,500
1755+0,00	0,000	2,940	0,000	54,650	378,930	93874,080	-93495,150
1756+0,00	0,000	2,700	0,000	56,380	378,930	93930,460	-93551,530
1757+0,00	0,000	2,750	0,000	54,440	378,930	93984,900	-93605,970
1758+0,00	0,000	2,900	0,000	56,450	378,930	94041,350	-93662,420
1759+0,00	0,000	2,130	0,000	50,000	378,930	94091,350	-93712,420
1760+0,00	0,000	3,070	0,000	51,560	378,930	94142,910	-93763,980
1761+0,00	0,000	3,370	0,000	64,200	378,930	94207,110	-93828,180
1762+0,00	0,000	3,700	0,000	70,550	378,930	94277,660	-93898,730
1763+0,00	0,000	3,010	0,000	67,140	378,930	94344,790	-93965,860
1764+0,00	0,010	2,190	0,060	51,980	378,990	94396,770	-94017,780
1765+0,00	0,100	2,830	1,010	50,150	380,000	94446,920	-94066,920
1766+0,00	0,200	2,290	2,940	51,200	382,940	94498,110	-94115,170
1767+0,00	0,120	2,220	3,130	45,170	386,070	94543,280	-94157,210
1768+0,00	0,140	1,140	2,350	35,190	388,420	94578,470	-94190,050
1769+0,00	0,000	2,130	1,380	33,140	389,800	94611,610	-94221,810
1770+0,00	0,000	2,930	0,000	50,630	389,800	94662,240	-94272,440
1771+0,00	0,000	3,320	0,000	62,160	389,800	94724,400	-94334,600
1772+0,00	0,000	2,330	0,000	56,480	389,800	94780,880	-94391,080
1773+0,00	0,000	2,370	0,000	47,000	389,800	94827,880	-94438,080
1774+0,00	0,000	2,040	0,030	44,090	389,830	94871,970	-94482,140
1775+0,00	0,000	2,650	0,030	46,850	389,850	94918,820	-94528,970
1776+0,00	0,000	2,650	0,000	52,940	389,850	94971,760	-94581,910
1777+0,00	0,000	2,140	0,000	47,830	389,850	95019,590	-94629,740
1778+0,00	0,000	2,680	0,000	48,180	389,850	95067,780	-94677,930
1779+0,00	0,000	2,070	0,000	47,260	389,850	95115,040	-94725,190
1780+0,00	0,000	3,230	0,000	52,970	389,850	95168,000	-94778,150
1781+0,00	0,000	3,670	0,000	68,960	389,850	95236,970	-94847,120
1782+0,00	0,000	2,640	0,000	63,020	389,850	95299,990	-94910,140
1783+0,00	0,000	2,840	0,000	54,540	389,850	95354,530	-94964,680
1784+0,00	0,000	2,170	0,000	50,000	389,850	95404,530	-95014,680
1785+0,00	0,000	2,900	0,000	50,740	389,850	95455,280	-95065,430
1786+0,00	0,000	3,280	0,000	62,050	389,850	95517,320	-95127,470
1787+0,00	0,000	2,970	0,000	62,530	389,850	95579,850	-95190,000
1788+0,00	0,000	2,830	0,000	58,270	389,850	95638,120	-95248,270
1789+0,00	0,000	2,570	0,000	53,980	389,850	95692,110	-95302,260
1790+0,00	0,000	2,290	0,020	48,580	389,880	95740,680	-95350,800
1791+0,00	0,000	2,570	0,020	48,540	389,900	95789,230	-95399,330
1792+0,00	0,000	2,580	0,000	51,430	389,900	95840,650	-95450,750
1793+0,00	0,000	2,530	0,000	51,050	389,900	95891,700	-95501,800
1794+0,00	0,000	2,280	0,000	47,950	389,900	95939,650	-95549,750
1795+0,00	0,000	2,120	0,000	44,140	389,900	95983,780	-95593,880
1796+0,00	0,000	2,330	0,000	44,570	389,900	96028,360	-95638,460
1797+0,00	0,000	2,460	0,000	47,720	389,900	96076,070	-95686,170
1798+0,00	0,000	2,360	0,000	48,270	389,900	96124,350	-95734,450
1799+0,00	0,000	2,380	0,000	47,230	389,900	96171,580	-95781,680
1800+0,00	0,000	2,780	0,000	51,520	389,900	96223,100	-95833,200
1801+0,00	0,000	2,770	0,000	55,390	389,900	96278,490	-95888,590
1802+0,00	0,000	2,660	0,000	54,310	389,900	96332,800	-95942,900
1803+0,00	0,000	2,970	0,000	56,270	389,900	96389,060	-95999,160
1804+0,00	0,000	3,070	0,000	59,850	389,900	96448,920	-96059,020
1805+0,00	0,000	2,690	0,000	57,570	389,900	96506,490	-96116,590
1806+0,00	0,000	2,620	0,000	52,990	389,900	96559,480	-96169,580
1807+0,00	0,000	2,880	0,000	54,890	389,900	96614,370	-96224,470
1808+0,00	0,000	3,180	0,000	60,580	389,900	96674,950	-96285,050
1809+0,00	0,000	2,630	0,000	58,170	389,900	96733,120	-96343,220
1810+0,00	0,000	2,580	0,000	52,070	389,900	96785,190	-96395,290

Osvaldo Leôncio da Silveira Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
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)
1811+0,00	0,000	2,710	0,000	52,480	389,900	96837,670	-96447,770
1812+0,00	0,000	3,430	0,000	61,340	389,900	96899,020	-96509,120
1813+0,00	0,000	3,380	0,000	68,110	389,900	96967,130	-96577,230
1814+0,00	0,000	3,290	0,000	66,620	389,900	97033,750	-96643,850
1815+0,00	0,000	2,590	0,000	58,890	389,900	97092,640	-96702,740
1816+0,00	0,000	2,900	0,000	55,200	389,900	97147,830	-96757,930
1817+0,00	0,000	2,620	0,000	55,220	389,900	97203,050	-96813,150
1818+0,00	0,000	2,560	0,000	51,830	389,900	97254,890	-96864,990
1819+0,00	0,000	2,170	0,000	47,350	389,900	97302,230	-96912,330
1820+0,00	0,000	3,130	0,000	52,730	389,900	97354,960	-96965,060
1821+0,00	0,000	1,880	0,000	49,900	389,900	97404,860	-97014,960
1822+0,00	0,000	2,430	0,000	43,070	389,900	97447,930	-97058,030
1823+0,00	0,000	1,900	0,000	43,340	389,900	97491,270	-97101,370
1824+0,00	0,000	2,470	0,000	43,760	389,900	97535,030	-97145,130
1825+0,00	0,000	2,580	0,000	50,480	389,900	97585,510	-97195,610
1826+0,00	0,000	4,110	0,000	66,880	389,900	97652,390	-97262,490
1827+0,00	0,000	2,770	0,000	69,120	389,900	97721,510	-97331,610
1828+0,00	0,000	3,260	0,000	61,110	389,900	97782,620	-97392,720
1829+0,00	0,000	3,190	0,000	65,110	389,900	97847,720	-97457,820
1830+0,00	0,000	2,590	0,000	58,360	389,900	97906,080	-97516,180
1831+0,00	0,000	2,750	0,000	53,810	389,900	97959,890	-97569,990
1832+0,00	0,000	2,640	0,000	54,490	389,900	98014,390	-97624,490
1833+0,00	0,000	2,530	0,000	51,770	389,900	98066,150	-97676,250
1834+0,00	0,000	2,650	0,000	52,250	389,900	98118,400	-97728,500
1835+0,00	0,000	3,100	0,000	58,010	389,900	98176,410	-97786,510
1836+0,00	0,000	2,850	0,000	59,920	389,900	98236,330	-97846,430
1837+0,00	0,000	2,670	0,000	55,270	389,900	98291,600	-97901,700
1838+0,00	0,000	2,550	0,000	52,240	389,900	98343,840	-97953,940
1839+0,00	0,000	2,500	0,000	50,430	389,900	98394,260	-98004,360
1840+0,00	0,000	2,570	0,000	50,370	389,900	98444,630	-98054,730
1841+0,00	0,000	2,570	0,000	51,260	389,900	98495,890	-98105,990
1842+0,00	0,000	2,740	0,000	52,670	389,900	98548,570	-98158,670
1843+0,00	0,000	3,020	0,000	57,500	389,900	98606,060	-98216,160
1844+0,00	0,000	2,540	0,000	55,950	389,900	98662,010	-98272,110
1845+0,00	0,000	2,880	0,000	54,960	389,900	98716,970	-98327,070
1846+0,00	0,000	2,710	0,000	56,710	389,900	98773,680	-98383,780
1847+0,00	0,000	2,430	0,000	51,840	389,900	98825,520	-98435,620
1848+0,00	0,000	2,480	0,000	49,040	389,900	98874,560	-98484,660
1849+0,00	0,000	3,310	0,000	57,850	389,900	98932,420	-98542,520
1850+0,00	0,000	2,460	0,000	57,600	389,900	98990,020	-98600,120
1851+0,00	0,000	2,570	0,000	50,330	389,900	99040,350	-98650,450
1852+0,00	0,000	2,280	0,000	48,500	389,900	99088,860	-98698,960
1853+0,00	0,000	2,310	0,000	45,840	389,900	99134,690	-98744,790
1854+0,00	0,000	1,750	0,000	40,630	389,900	99175,320	-98785,420
1855+0,00	0,000	2,500	0,000	42,550	389,900	99217,870	-98827,970
1856+0,00	0,000	2,750	0,000	52,280	389,900	99270,150	-98880,250
1857+0,00	0,000	3,090	0,000	58,310	389,900	99328,460	-98938,560
1858+0,00	0,000	2,450	0,000	55,410	389,900	99383,870	-98993,970
1859+0,00	0,000	2,200	0,000	46,860	389,900	99430,730	-99040,830
1860+0,00	0,000	1,830	0,000	40,340	389,900	99471,070	-99081,170
1861+0,00	0,000	1,650	0,000	34,680	389,900	99505,750	-99115,850
1862+0,00	0,000	1,780	0,000	34,270	389,900	99540,020	-99150,120
1863+0,00	0,000	1,410	0,000	31,890	389,900	99571,910	-99182,010
1864+0,00	0,000	0,890	0,000	23,080	389,900	99594,990	-99205,090
1865+0,00	0,010	1,790	0,060	26,280	389,970	99621,280	-99231,310
1866+0,00	0,160	1,840	1,790	34,710	391,750	99655,980	-99264,230
1867+0,00	0,080	2,770	2,510	45,190	394,260	99701,170	-99306,910
1868+0,00	0,170	2,700	2,430	56,060	396,690	99757,230	-99360,540
1869+0,00	0,140	2,510	3,100	52,460	399,790	99809,700	-99409,910
1870+0,00	0,210	1,770	3,540	42,800	403,330	99852,500	-99449,170
1871+0,00	0,060	2,060	2,690	38,560	406,020	99891,050	-99485,030
1872+0,00	0,000	1,950	0,610	40,810	406,630	99931,860	-99525,230
1873+0,00	0,000	1,920	0,020	38,900	406,640	99970,760	-99564,120
1874+0,00	0,000	2,410	0,000	43,350	406,640	100014,120	-99607,480
1875+0,00	0,000	2,620	0,000	50,260	406,640	100064,380	-99657,740
1876+0,00	0,000	1,840	0,000	44,680	406,640	100109,060	-99702,420
1877+0,00	0,000	2,380	0,000	42,400	406,640	100151,460	-99744,820
1878+0,00	0,000	2,460	0,000	48,470	406,640	100199,930	-99793,290
1879+0,00	0,000	2,500	0,000	49,620	406,640	100249,540	-99842,900
1880+0,00	0,000	2,610	0,000	50,970	406,640	100300,510	-99893,870

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Projetos
Projetos e Obras - DUPRO
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)
1881+0,00	0,000	2,890	0,000	55,020	406,640	100355,530	-99948,890
1882+0,00	0,000	3,030	0,000	59,190	406,640	100414,720	-100008,080
1883+0,00	0,000	3,510	0,000	65,330	406,640	100480,050	-100073,410
1884+0,00	0,000	3,210	0,000	67,210	406,640	100547,250	-100140,610
1885+0,00	0,000	2,820	0,000	60,290	406,640	100607,540	-100200,900
1886+0,00	0,000	2,890	0,000	57,130	406,640	100664,670	-100258,030
1887+0,00	0,000	3,560	0,000	64,650	406,640	100729,310	-100322,670
1888+0,00	0,000	2,600	0,000	61,610	406,640	100790,930	-100384,290
1889+0,00	0,000	3,500	0,000	61,020	406,640	100851,950	-100445,310
1890+0,00	0,000	3,090	0,000	65,910	406,650	100917,860	-100511,210
1891+0,00	0,020	2,990	0,200	60,810	406,840	100978,670	-100571,830
1892+0,00	0,000	2,870	0,200	58,360	407,040	101037,030	-100629,990
1893+0,00	0,060	1,630	0,560	45,020	407,600	101082,050	-100674,450
1894+0,00	0,000	3,000	0,560	46,480	408,160	101128,530	-100720,370
1895+0,00	0,000	4,110	0,000	71,050	408,160	101199,580	-100791,420
1896+0,00	0,000	2,890	0,000	69,960	408,160	101269,540	-100861,380
1897+0,00	0,000	3,220	0,000	61,220	408,160	101330,770	-100922,610
1898+0,00	0,000	2,670	0,000	58,640	408,160	101389,410	-100981,250
1899+0,00	0,000	2,980	0,000	56,480	408,160	101445,890	-101037,730
1900+0,00	0,000	2,590	0,000	55,930	408,160	101501,820	-101093,660
1901+0,00	0,000	2,730	0,000	52,980	408,160	101554,790	-101146,630
1902+0,00	0,000	2,990	0,000	56,400	408,160	101611,200	-101203,040
1903+0,00	0,000	2,460	0,000	54,370	408,160	101665,560	-101257,400
1904+0,00	0,000	3,290	0,000	57,500	408,160	101723,070	-101314,910
1905+0,00	0,000	3,450	0,000	67,430	408,160	101790,490	-101382,330
1906+0,00	0,000	3,510	0,000	69,680	408,160	101860,170	-101452,010
1907+0,00	0,000	3,580	0,000	70,910	408,160	101931,070	-101522,910
1908+0,00	0,010	3,280	0,080	69,680	408,240	102000,760	-101592,520
1909+0,00	0,000	3,210	0,100	66,020	408,350	102066,780	-101658,430
1910+0,00	0,000	3,370	0,020	66,280	408,360	102133,060	-101724,700
1911+0,00	0,000	3,720	0,000	70,850	408,360	102203,900	-101795,540
1912+0,00	0,000	3,890	0,000	75,710	408,360	102279,610	-101871,250
1913+0,00	0,000	3,370	0,000	72,620	408,360	102352,230	-101943,870
1914+0,00	0,000	3,710	0,000	70,900	408,360	102423,130	-102014,770
1915+0,00	0,000	2,600	0,000	63,730	408,360	102486,860	-102078,500
1916+0,00	0,000	3,510	0,000	61,160	408,360	102548,020	-102139,660
1917+0,00	0,000	3,180	0,000	66,900	408,360	102614,920	-102206,560
1918+0,00	0,000	3,100	0,000	62,350	408,360	102677,270	-102268,910
1919+0,00	0,000	2,640	0,000	56,780	408,360	102734,050	-102325,690
1920+0,00	0,000	2,780	0,000	54,140	408,360	102788,190	-102379,830
1921+0,00	0,000	2,820	0,000	56,150	408,360	102844,340	-102435,980
1922+0,00	0,000	4,150	0,000	69,630	408,360	102913,970	-102505,610
1923+0,00	0,000	2,920	0,000	70,640	408,360	102984,610	-102576,250
1924+0,00	0,000	2,310	0,000	52,300	408,360	103036,910	-102628,550
1925+0,00	0,000	2,320	0,000	46,420	408,360	103083,320	-102674,960
1926+0,00	0,000	2,690	0,000	50,160	408,360	103133,480	-102725,120
1927+0,00	0,000	2,580	0,000	53,650	408,360	103187,130	-102778,770
1928+0,00	0,000	2,240	0,000	48,600	408,360	103235,730	-102827,370
1929+0,00	0,000	2,600	0,000	48,370	408,360	103284,100	-102875,740
1930+0,00	0,000	2,340	0,000	49,370	408,360	103333,470	-102925,110
1931+0,00	0,000	2,610	0,000	49,490	408,360	103382,950	-102974,590
1932+0,00	0,000	2,560	0,000	51,690	408,360	103434,640	-103026,280
1933+0,00	0,000	2,160	0,000	47,150	408,360	103481,790	-103073,430
1934+0,00	0,000	1,850	0,000	40,010	408,360	103521,800	-103113,440
1935+0,00	0,000	1,760	0,000	36,070	408,360	103557,870	-103149,510
1936+0,00	0,000	2,150	0,000	38,900	408,360	103596,760	-103188,400
1937+0,00	0,000	2,590	0,000	47,200	408,360	103643,960	-103235,600
1938+0,00	0,000	2,240	0,000	48,260	408,360	103692,220	-103283,860
1939+0,00	0,000	2,110	0,000	43,650	408,360	103735,870	-103327,510
1940+0,00	0,000	1,990	0,000	41,020	408,360	103776,890	-103368,530
1941+0,00	0,000	1,470	0,000	34,580	408,360	103811,480	-103403,120
1942+0,00	0,000	1,040	0,000	25,070	408,360	103836,550	-103428,190
1943+0,00	0,000	1,200	0,000	22,380	408,360	103858,920	-103450,560
1944+0,00	0,330	1,010	3,580	21,620	411,940	103880,540	-103468,600
1945+0,00	0,440	1,950	8,200	28,180	420,140	103908,720	-103488,580
1946+0,00	0,320	1,200	7,110	32,720	427,250	103941,450	-103514,200
1947+0,00	0,000	0,870	3,080	21,110	430,330	103962,560	-103532,230
1948+0,00	0,000	1,810	0,000	26,800	430,330	103989,360	-103559,030
1949+0,00	0,000	2,300	0,000	41,080	430,330	104030,440	-103600,110
1950+0,00	0,000	2,550	0,000	48,510	430,330	104078,950	-103648,620

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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)
1951+0,00	0,000	2,970	0,000	55,120	430,330	104134,060	-103703,730
1952+0,00	0,000	3,800	0,000	67,570	430,330	104201,630	-103771,300
1953+0,00	0,000	3,100	0,000	68,920	430,330	104270,550	-103840,220
1954+0,00	0,000	3,300	0,000	64,080	430,330	104334,630	-103904,300
1955+0,00	0,000	2,680	0,000	59,890	430,330	104394,520	-103964,190
1956+0,00	0,000	3,150	0,000	59,280	430,330	104453,810	-104023,480
1957+0,00	0,000	3,120	0,000	63,520	430,330	104517,330	-104087,000
1958+0,00	0,000	2,650	0,000	56,890	430,330	104574,220	-104143,890
1959+0,00	0,000	2,490	0,000	50,890	430,330	104625,110	-104194,780
1960+0,00	0,000	2,920	0,000	54,380	430,330	104679,490	-104249,160
1961+0,00	0,000	3,150	0,000	61,150	430,330	104740,640	-104310,310
1962+0,00	0,000	2,420	0,000	55,890	430,330	104796,530	-104366,200
1963+0,00	0,000	2,310	0,000	47,220	430,330	104843,750	-104413,420
1964+0,00	0,000	2,330	0,000	46,230	430,330	104889,980	-104459,650
1965+0,00	0,000	2,430	0,000	47,420	430,330	104937,400	-104507,070
1966+0,00	0,000	2,480	0,000	49,070	430,330	104986,460	-104556,130
1967+0,00	0,000	2,780	0,000	52,640	430,330	105039,110	-104608,780
1968+0,00	0,000	3,080	0,000	58,640	430,330	105097,740	-104667,410
1969+0,00	0,000	3,120	0,000	62,030	430,330	105159,770	-104729,440
1970+0,00	0,000	2,240	0,000	53,620	430,330	105213,390	-104783,060
1971+0,00	0,000	3,070	0,000	53,030	430,330	105266,420	-104836,090
1972+0,00	0,000	3,020	0,000	60,850	430,330	105327,270	-104896,940
1973+0,00	0,000	3,120	0,000	61,300	430,330	105388,570	-104958,240
1974+0,00	0,000	3,490	0,000	66,090	430,330	105454,660	-105024,330
1975+0,00	0,000	3,420	0,000	69,060	430,330	105523,720	-105093,390
1976+0,00	0,000	3,170	0,000	65,890	430,330	105589,610	-105159,280
1977+0,00	0,000	2,720	0,000	58,910	430,330	105648,520	-105218,190
1978+0,00	0,000	2,570	0,000	52,880	430,330	105701,410	-105271,080
1979+0,00	0,000	2,600	0,000	51,720	430,330	105753,130	-105322,800
1980+0,00	0,000	2,650	0,000	52,490	430,330	105805,620	-105375,290
1981+0,00	0,000	2,230	0,000	48,870	430,330	105854,490	-105424,160
1982+0,00	0,000	3,820	0,000	60,540	430,330	105915,040	-105484,710
1983+0,00	0,000	3,410	0,000	72,250	430,330	105987,280	-105556,950
1984+0,00	0,000	2,110	0,000	55,140	430,330	106042,430	-105612,100
1985+0,00	0,000	2,030	0,000	41,380	430,330	106083,800	-105653,470
1986+0,00	0,000	2,560	0,000	45,900	430,330	106129,700	-105699,370
1987+0,00	0,000	2,850	0,000	54,110	430,330	106183,810	-105753,480
1988+0,00	0,000	3,260	0,000	61,120	430,330	106244,930	-105814,600
1989+0,00	0,000	3,150	0,000	64,100	430,330	106309,030	-105878,700
1990+0,00	0,000	2,570	0,000	57,220	430,330	106366,250	-105935,920
1991+0,00	0,000	3,040	0,000	56,080	430,330	106422,330	-105992,000
1992+0,00	0,000	3,130	0,000	61,610	430,330	106483,940	-106053,610
1993+0,00	0,000	2,760	0,000	58,850	430,330	106542,800	-106112,470
1994+0,00	0,000	2,690	0,000	54,520	430,330	106597,320	-106166,990
1995+0,00	0,000	2,600	0,000	52,920	430,330	106650,240	-106219,910
1996+0,00	0,000	2,850	0,000	54,520	430,330	106704,760	-106274,430
1997+0,00	0,000	3,280	0,000	61,570	430,330	106766,330	-106336,000
1998+0,00	0,000	3,540	0,000	68,280	430,330	106834,610	-106404,280
1999+0,00	0,000	3,290	0,000	68,660	430,330	106903,260	-106472,930
2000+0,00	0,000	2,920	0,000	62,150	430,330	106965,410	-106535,080
2001+0,00	0,000	2,510	0,000	54,430	430,330	107019,840	-106589,510
2002+0,00	0,000	2,670	0,000	51,830	430,330	107071,670	-106641,340
2003+0,00	0,000	2,900	0,000	55,610	430,330	107127,280	-106696,950
2004+0,00	0,000	2,790	0,000	56,870	430,330	107184,150	-106753,820
2005+0,00	0,000	3,110	0,000	58,970	430,330	107243,120	-106812,790
2006+0,00	0,000	3,370	0,000	64,630	430,330	107307,760	-106877,430
2007+0,00	0,000	3,460	0,000	68,180	430,330	107375,930	-106945,600
2008+0,00	0,000	3,770	0,000	72,330	430,330	107448,260	-107017,930
2009+0,00	0,000	3,800	0,000	75,820	430,330	107524,090	-107093,760
2010+0,00	0,000	3,480	0,000	72,780	430,330	107596,870	-107166,540
2011+0,00	0,000	3,980	0,000	74,530	430,330	107671,400	-107241,070
2012+0,00	0,000	2,690	0,000	66,670	430,330	107738,070	-107307,740
2013+0,00	0,270	0,180	2,710	28,720	433,040	107766,790	-107333,750
2014+0,00	0,000	1,060	2,700	12,530	435,740	107779,320	-107343,580
2015+0,00	0,000	2,230	0,030	32,870	435,770	107812,200	-107376,430
2016+0,00	0,000	2,830	0,000	50,560	435,770	107862,760	-107426,990
2017+0,00	0,000	3,270	0,000	61,150	435,770	107923,910	-107488,140
2018+0,00	0,000	3,330	0,000	66,000	435,770	107989,910	-107554,140
2019+0,00	0,000	3,400	0,000	67,290	435,770	108057,200	-107621,430
2020+0,00	0,000	3,520	0,000	69,250	435,770	108126,450	-107690,680

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2021+0,00	0,000	3,600	0,000	71,410	435,770	108197,860	-107762,090
2022+0,00	0,000	3,050	0,000	66,560	435,770	108264,430	-107828,660
2023+0,00	0,000	3,430	0,000	64,820	435,770	108329,250	-107893,480
2024+0,00	0,000	3,790	0,000	72,250	435,770	108401,490	-107965,720
2025+0,00	0,000	3,470	0,000	72,570	435,770	108474,060	-108038,290
2026+0,00	0,000	3,220	0,000	66,990	435,770	108541,050	-108105,280
2027+0,00	0,000	1,560	0,000	47,770	435,770	108588,830	-108153,060
2028+0,00	0,000	2,800	0,000	43,400	435,770	108632,220	-108196,450
2029+0,00	0,000	3,100	0,000	58,250	435,770	108690,480	-108254,710
2030+0,00	0,000	2,760	0,000	57,540	435,770	108748,010	-108312,240
2031+0,00	0,000	2,850	0,000	56,130	435,770	108804,150	-108368,380
2032+0,00	0,000	2,240	0,000	50,890	435,770	108855,040	-108419,270
2033+0,00	0,000	1,890	0,000	41,210	435,770	108896,250	-108460,480
2034+0,00	0,030	0,250	0,270	21,350	436,030	108917,600	-108481,570
2035+0,00	0,000	2,200	0,270	24,420	436,310	108942,020	-108505,710
2036+0,00	0,000	2,840	0,000	50,300	436,310	108992,320	-108556,010
2037+0,00	0,000	2,250	0,000	50,840	436,310	109043,160	-108606,850
2038+0,00	0,000	2,500	0,000	47,870	436,310	109091,030	-108654,720
2039+0,00	0,000	2,160	0,000	46,990	436,310	109138,020	-108701,710
2040+0,00	0,000	2,610	0,000	47,850	436,310	109185,870	-108749,560
2041+0,00	0,000	1,970	0,000	45,970	436,310	109231,830	-108795,520
2042+0,00	0,030	1,650	0,290	36,080	436,590	109267,910	-108831,320
2043+0,00	0,050	1,640	0,840	32,390	437,440	109300,310	-108862,870
2044+0,00	0,010	1,870	0,600	34,970	438,040	109335,270	-108897,230
2045+0,00	0,000	2,210	0,070	40,960	438,110	109376,230	-108938,120
2046+0,00	0,000	2,450	0,000	46,840	438,110	109423,070	-108984,960
2047+0,00	0,000	2,090	0,000	46,010	438,110	109469,080	-109030,970
2048+0,00	0,000	2,140	0,000	42,860	438,110	109511,940	-109073,830
2049+0,00	0,000	2,110	0,000	42,490	438,110	109554,430	-109116,320
2050+0,00	0,000	1,770	0,000	38,760	438,110	109593,190	-109155,080
2051+0,00	0,000	2,450	0,000	42,200	438,110	109635,390	-109197,280
2052+0,00	0,000	2,570	0,000	50,240	438,110	109685,620	-109247,510
2053+0,00	0,000	2,080	0,000	46,470	438,110	109732,100	-109293,990
2054+0,00	0,000	1,820	0,000	39,000	438,110	109771,090	-109332,980
2055+0,00	0,000	2,110	0,000	39,280	438,110	109810,370	-109372,260
2056+0,00	0,000	2,650	0,000	47,520	438,110	109857,900	-109419,790
2057+0,00	0,000	2,650	0,000	52,970	438,110	109910,860	-109472,750
2058+0,00	0,000	2,620	0,000	52,660	438,110	109963,530	-109525,420
2059+0,00	0,000	2,900	0,000	55,120	438,110	110018,650	-109580,540
2060+0,00	0,000	2,460	0,000	53,580	438,110	110072,230	-109634,120
2061+0,00	0,000	2,110	0,000	45,710	438,110	110117,940	-109679,830
2062+0,00	0,000	2,570	0,000	46,760	438,110	110164,700	-109726,590
2063+0,00	0,000	2,440	0,000	50,010	438,110	110214,720	-109776,610
2064+0,00	0,000	2,460	0,000	48,970	438,110	110263,680	-109825,570
2065+0,00	0,000	2,420	0,000	48,760	438,110	110312,450	-109874,340
2066+0,00	0,000	2,620	0,000	50,450	438,110	110362,900	-109924,790
2067+0,00	0,000	2,610	0,000	52,460	438,110	110415,360	-109977,250
2068+0,00	0,000	2,410	0,000	50,230	438,110	110465,580	-110027,470
2069+0,00	0,000	2,340	0,000	47,470	438,110	110513,050	-110074,940
2070+0,00	0,000	2,320	0,000	46,550	438,110	110559,600	-110121,490
2071+0,00	0,000	2,050	0,000	43,650	438,110	110603,250	-110165,140
2072+0,00	0,000	2,130	0,000	41,770	438,110	110645,020	-110206,910
2073+0,00	0,000	2,140	0,000	42,710	438,110	110687,730	-110249,620
2074+0,00	0,000	2,310	0,000	44,520	438,110	110732,260	-110294,150
2075+0,00	0,000	2,020	0,000	43,290	438,110	110775,540	-110337,430
2076+0,00	0,000	2,450	0,000	44,710	438,110	110820,250	-110382,140
2077+0,00	0,000	2,660	0,000	51,060	438,110	110871,310	-110433,200
2078+0,00	0,000	3,010	0,000	56,780	438,110	110928,090	-110489,980
2079+0,00	0,000	2,860	0,000	58,740	438,110	110986,830	-110548,720
2080+0,00	0,000	2,440	0,000	53,000	438,110	111039,840	-110601,730
2081+0,00	0,000	2,230	0,000	46,760	438,110	111086,600	-110648,490
2082+0,00	0,000	1,910	0,000	41,500	438,110	111128,100	-110689,990
2083+0,00	0,000	1,920	0,000	38,320	438,110	111166,410	-110728,300
2084+0,00	0,000	2,010	0,000	39,180	438,110	111205,600	-110767,490
2085+0,00	0,000	1,840	0,000	38,450	438,110	111244,050	-110805,940
2086+0,00	0,000	2,320	0,000	41,630	438,110	111285,680	-110847,570
2087+0,00	0,000	2,650	0,000	49,880	438,110	111335,550	-110897,440
2088+0,00	0,000	2,410	0,000	50,790	438,110	111386,340	-110948,230
2089+0,00	0,000	2,360	0,000	47,710	438,110	111434,050	-110995,940
2090+0,00	0,000	2,490	0,000	48,500	438,110	111482,550	-111044,440

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2091+0,00	0,000	2,520	0,000	50,180	438,110	111532,730	-111094,620
2092+0,00	0,000	2,750	0,000	52,780	438,110	111585,510	-111147,400
2093+0,00	0,000	3,340	0,000	60,920	438,110	111646,430	-111208,320
2094+0,00	0,000	2,790	0,000	61,270	438,110	111707,710	-111269,600
2095+0,00	0,000	3,190	0,000	59,750	438,110	111767,460	-111329,350
2096+0,00	0,000	3,460	0,000	66,460	438,110	111833,920	-111395,810
2097+0,00	0,000	2,390	0,000	58,480	438,110	111892,390	-111454,280
2098+0,00	0,000	2,230	0,000	46,220	438,110	111938,610	-111500,500
2099+0,00	0,000	2,370	0,000	46,020	438,110	111984,630	-111546,520
2100+0,00	0,000	2,500	0,000	48,710	438,110	112033,340	-111595,230
2101+0,00	0,000	2,470	0,000	49,730	438,110	112083,070	-111644,960
2102+0,00	0,000	2,600	0,000	50,660	438,110	112133,730	-111695,620
2103+0,00	0,000	2,020	0,000	46,180	438,110	112179,910	-111741,800
2104+0,00	0,000	1,930	0,000	39,480	438,110	112219,390	-111781,280
2105+0,00	0,000	2,070	0,000	40,040	438,110	112259,430	-111821,320
2106+0,00	0,000	2,500	0,000	45,680	438,110	112305,110	-111867,000
2107+0,00	0,000	2,470	0,000	49,840	438,110	112354,950	-111916,840
2108+0,00	0,000	2,190	0,000	46,620	438,110	112401,570	-111963,460
2109+0,00	0,000	1,870	0,000	40,580	438,110	112442,150	-112004,040
2110+0,00	0,000	2,120	0,000	39,940	438,110	112482,090	-112043,980
2111+0,00	0,000	2,510	0,000	46,360	438,110	112528,450	-112090,340
2112+0,00	0,000	3,620	0,000	61,290	438,110	112589,740	-112151,630
2113+0,00	0,000	2,890	0,000	65,100	438,110	112654,840	-112216,730
2114+0,00	0,000	3,090	0,000	59,670	438,110	112714,510	-112276,400
2115+0,00	0,000	3,040	0,000	61,100	438,110	112775,610	-112337,500
2116+0,00	0,000	2,980	0,000	60,210	438,110	112835,820	-112397,710
2117+0,00	0,000	3,310	0,000	62,900	438,110	112898,720	-112460,610
2118+0,00	0,000	2,480	0,000	57,940	438,110	112956,660	-112518,550
2119+0,00	0,000	3,470	0,000	59,480	438,110	113016,140	-112578,030
2120+0,00	0,000	3,580	0,000	70,470	438,110	113086,610	-112648,500
2121+0,00	0,000	2,560	0,000	61,340	438,110	113147,960	-112709,850
2122+0,00	0,000	3,060	0,000	56,190	438,110	113204,150	-112766,040
2123+0,00	0,000	2,270	0,000	53,340	438,110	113257,490	-112819,380
2124+0,00	0,000	2,250	0,000	45,170	438,110	113302,660	-112864,550
2125+0,00	0,000	2,320	0,000	45,640	438,110	113348,300	-112910,190
2126+0,00	0,000	3,750	0,000	60,680	438,110	113408,980	-112970,870
2127+0,00	0,000	2,310	0,000	60,590	438,110	113469,570	-113031,460
2128+0,00	0,000	1,700	0,000	40,120	438,110	113509,690	-113071,580
2129+0,00	0,000	2,350	0,000	40,510	438,110	113550,200	-113112,090
2130+0,00	0,000	2,980	0,000	53,280	438,110	113603,480	-113165,370
2131+0,00	0,000	3,120	0,000	60,930	438,110	113664,400	-113226,290
2132+0,00	0,000	3,020	0,000	61,660	438,110	113726,070	-113287,960
2133+0,00	0,000	2,910	0,000	60,140	438,110	113786,210	-113348,100
2134+0,00	0,000	2,050	0,010	49,630	438,120	113835,830	-113397,710
2135+0,00	0,000	2,480	0,010	45,310	438,130	113881,150	-113443,020
2136+0,00	0,000	3,030	0,000	55,110	438,130	113936,260	-113498,130
2137+0,00	0,000	4,130	0,000	71,680	438,130	114007,940	-113569,810
2138+0,00	0,000	3,400	0,000	75,360	438,130	114083,300	-113645,170
2139+0,00	0,000	2,620	0,000	60,200	438,130	114143,500	-113705,370
2140+0,00	0,000	3,150	0,000	57,720	438,130	114201,220	-113763,090
2141+0,00	0,000	2,930	0,000	60,780	438,130	114262,000	-113823,870
2142+0,00	0,000	2,980	0,000	59,090	438,130	114321,090	-113882,960
2143+0,00	0,000	2,450	0,000	54,280	438,130	114375,370	-113937,240
2144+0,00	0,000	2,410	0,000	48,490	438,130	114423,870	-113985,740
2145+0,00	0,000	2,210	0,000	46,160	438,130	114470,030	-114031,900
2146+0,00	0,010	1,580	0,090	37,850	438,210	114507,880	-114069,670
2147+0,00	0,000	1,740	0,110	33,180	438,320	114541,070	-114102,750
2148+0,00	0,000	2,380	0,020	41,360	438,340	114582,430	-114144,090
2149+0,00	0,000	2,110	0,000	44,910	438,340	114627,330	-114188,990
2150+0,00	0,000	1,530	0,020	36,400	438,360	114663,740	-114225,380
2151+0,00	0,000	2,050	0,020	35,840	438,380	114699,580	-114261,200
2152+0,00	0,000	2,680	0,000	47,370	438,380	114746,950	-114308,570
2153+0,00	0,000	2,820	0,000	55,020	438,380	114801,970	-114363,590
2154+0,00	0,000	2,690	0,000	55,140	438,380	114857,110	-114418,730
2155+0,00	0,000	2,870	0,000	55,640	438,380	114912,750	-114474,370
2156+0,00	0,000	2,640	0,000	54,990	438,380	114967,740	-114529,360
2157+0,00	0,000	2,260	0,000	48,940	438,380	115016,680	-114578,300
2158+0,00	0,000	2,250	0,000	45,050	438,380	115061,730	-114623,350
2159+0,00	0,000	2,430	0,000	46,720	438,380	115108,450	-114670,070
2160+0,00	0,000	2,520	0,000	49,480	438,380	115157,930	-114719,550

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - SEPPO
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)
2161+0,00	0,000	2,050	0,000	45,670	438,380	115203,600	-114765,220
2162+0,00	0,000	2,770	0,000	48,160	438,380	115251,760	-114813,380
2163+0,00	0,000	2,890	0,000	56,630	438,380	115308,390	-114870,010
2164+0,00	0,000	2,800	0,000	56,910	438,380	115365,300	-114926,920
2165+0,00	0,000	2,560	0,000	53,640	438,380	115418,940	-114980,560
2166+0,00	0,000	2,430	0,000	49,930	438,380	115468,880	-115030,500
2167+0,00	0,000	2,250	0,000	46,760	438,380	115515,640	-115077,260
2168+0,00	0,000	2,260	0,000	45,060	438,380	115560,690	-115122,310
2169+0,00	0,000	2,540	0,000	48,000	438,380	115608,700	-115170,320
2170+0,00	0,000	2,150	0,000	46,890	438,380	115655,590	-115217,210
2171+0,00	0,000	2,260	0,000	44,060	438,380	115699,650	-115261,270
2172+0,00	0,000	3,070	0,000	53,340	438,380	115752,990	-115314,610
2173+0,00	0,000	2,710	0,000	57,800	438,380	115810,790	-115372,410
2174+0,00	0,000	2,510	0,000	52,130	438,380	115862,930	-115424,550
2175+0,00	0,000	2,290	0,000	48,020	438,380	115910,940	-115472,560
2176+0,00	0,000	2,200	0,000	44,960	438,380	115955,910	-115517,530
2177+0,00	0,000	2,250	0,000	44,510	438,380	116000,420	-115562,040
2178+0,00	0,000	2,430	0,000	46,820	438,380	116047,240	-115608,860
2179+0,00	0,000	1,900	0,000	43,370	438,380	116090,610	-115652,230
2180+0,00	0,000	1,830	0,000	37,310	438,380	116127,920	-115689,540
2181+0,00	0,000	2,490	0,000	43,200	438,380	116171,120	-115732,740
2182+0,00	0,000	2,560	0,000	50,520	438,380	116221,640	-115783,260
2183+0,00	0,000	2,680	0,000	52,400	438,380	116274,040	-115835,660
2184+0,00	0,000	2,380	0,000	50,610	438,380	116324,650	-115886,270
2185+0,00	0,000	2,640	0,000	50,150	438,380	116374,800	-115936,420
2186+0,00	0,000	3,050	0,000	56,880	438,380	116431,680	-115993,300
2187+0,00	0,000	2,940	0,000	59,960	438,380	116491,640	-116053,260
2188+0,00	0,000	2,850	0,000	57,880	438,380	116549,520	-116111,140
2189+0,00	0,000	3,070	0,000	59,110	438,380	116608,630	-116170,250
2190+0,00	0,000	2,400	0,000	54,680	438,380	116663,310	-116224,930
2191+0,00	0,000	1,950	0,000	43,540	438,380	116706,850	-116268,470
2192+0,00	0,000	3,270	0,000	52,260	438,380	116759,110	-116320,730
2193+0,00	0,000	3,170	0,000	64,470	438,380	116823,570	-116385,190
2194+0,00	0,000	3,340	0,000	65,190	438,380	116888,760	-116450,380
2195+0,00	0,000	2,000	0,000	53,420	438,380	116942,180	-116503,800
2196+0,00	0,000	3,630	0,000	56,280	438,380	116998,460	-116560,080
2197+0,00	0,000	3,320	0,000	69,550	438,380	117068,010	-116629,630
2198+0,00	0,000	3,010	0,000	63,380	438,380	117131,390	-116693,010
2199+0,00	0,000	3,210	0,000	62,290	438,380	117193,680	-116755,300
2200+0,00	0,000	2,600	0,000	58,110	438,380	117251,780	-116813,400
2201+0,00	0,000	1,900	0,000	44,950	438,380	117296,730	-116858,350
2202+0,00	0,000	1,250	0,000	31,550	438,380	117328,280	-116889,900
2202+15,00	0,340	0,000	2,490	9,480	440,870	117337,760	-116896,890

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (SCid)

14.3 TRECHO III

Rua Acésio do Rêgo Monteiro, nº 1515
Ed. Antonio Portela Barbosa
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Nota de Serviço Tabela

MUNICÍPIO DE ARRAIAL AO MUNICÍPIO DE REGENERAÇÃO (POV. JACARÉ) - PI 0+0.000 975+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. (%)
-4.418	135.999	66.67	-4.000	135.720	-2.00	0+0.000	135.800	135.800	0.000	4.000	135.720	-2.00	4.063	135.625	-150.00
-4.078	135.438	66.67	-4.000	135.386	-2.00	1+0.000	135.466	135.259	0.207	4.000	135.386	-2.00	4.208	135.074	-150.00
-4.060	135.189	-150.00	-4.000	135.279	-2.00	2+0.000	135.359	135.037	0.322	4.000	135.279	-2.00	4.268	134.878	-150.00
-4.096	135.271	-150.00	-4.000	135.415	-2.00	3+0.000	135.495	135.123	0.372	4.000	135.415	-2.00	4.298	134.967	-150.00
-4.132	135.535	-150.00	-4.000	135.732	-2.00	4+0.000	135.812	135.422	0.391	4.000	135.732	-2.00	4.285	135.304	-150.00
-4.188	135.778	-150.00	-4.000	136.060	-2.00	5+0.000	136.140	135.715	0.425	4.000	136.060	-2.00	4.298	135.613	-150.00
-4.180	136.118	-150.00	-4.000	136.388	-2.00	6+0.000	136.468	136.059	0.409	4.000	136.388	-2.00	4.259	135.999	-150.00
-4.189	136.433	-150.00	-4.000	136.716	-2.00	7+0.000	136.796	136.374	0.422	4.000	136.716	-2.00	4.274	136.305	-150.00
-4.206	136.734	-150.00	-4.000	137.044	-2.00	8+0.000	137.124	136.667	0.457	4.000	137.044	-2.00	4.297	136.598	-150.00
-4.216	137.048	-150.00	-4.000	137.371	-2.00	9+0.000	137.451	136.975	0.476	4.000	137.371	-2.00	4.312	136.903	-150.00
-4.183	137.424	-150.00	-4.000	137.699	-2.00	10+0.000	137.779	137.342	0.437	4.000	137.699	-2.00	4.294	137.258	-150.00
-4.175	137.765	-150.00	-4.000	138.027	-2.00	11+0.000	138.107	137.675	0.432	4.000	138.027	-2.00	4.297	137.582	-150.00
-4.096	138.257	-150.00	-4.000	138.402	-2.00	12+0.000	138.482	138.107	0.374	4.000	138.402	-2.00	4.304	137.946	-150.00
-4.109	138.885	-150.00	-4.000	139.048	-2.00	13+0.000	139.128	138.769	0.358	4.000	139.048	-2.00	4.266	138.649	-150.00
-4.051	139.617	-150.00	-4.000	139.693	-2.00	14+0.000	139.773	139.441	0.332	4.000	139.693	-2.00	4.274	139.282	-150.00
-4.057	140.254	-150.00	-4.000	140.339	-2.00	15+0.000	140.419	140.078	0.341	4.000	140.339	-2.00	4.298	139.892	-150.00
-4.056	140.859	-150.00	-4.000	140.943	-2.00	16+0.000	141.023	140.663	0.359	4.000	140.943	-2.00	4.326	140.454	-150.00
			-4.000	141.365	-2.00	17+0.000	141.445	141.165	0.279	4.000	141.365	-2.00	4.274	140.953	-150.00
			-4.000	141.772	-2.00	18+0.000	141.852	141.574	0.278	4.000	141.772	-2.00	4.269	141.368	-150.00
-4.006	142.184	66.67	-4.000	142.179	-2.00	19+0.000	142.259	142.005	0.254	4.000	142.179	-2.00	4.234	141.828	-150.00
-4.051	142.510	-150.00	-4.000	142.587	-2.00	20+0.000	142.667	142.346	0.320	4.000	142.587	-2.00	4.240	142.226	-150.00
-4.109	142.831	-150.00	-4.000	142.994	-2.00	21+0.000	143.074	142.702	0.372	4.000	142.994	-2.00	4.275	142.581	-150.00
-4.131	143.011	-150.00	-4.000	143.208	-2.00	22+0.000	143.288	142.904	0.385	4.000	143.208	-2.00	4.277	142.792	-150.00
-4.136	143.083	-150.00	-4.000	143.287	-2.00	23+0.000	143.367	142.974	0.393	4.000	143.287	-2.00	4.284	142.861	-150.00
-4.121	142.985	-150.00	-4.000	143.167	-2.00	24+0.000	143.247	142.848	0.398	4.000	143.167	-2.00	4.303	142.713	-150.00
-4.094	142.847	-150.00	-4.000	142.987	-2.00	25+0.000	143.067	142.705	0.362	4.000	142.987	-2.00	4.289	142.553	-150.00
-4.092	142.669	-150.00	-4.000	142.807	-2.00	26+0.000	142.887	142.520	0.367	4.000	142.807	-2.00	4.295	142.365	-150.00
-4.099	142.482	-150.00	-4.000	142.631	-2.00	27+0.000	142.711	142.322	0.388	4.000	142.631	-2.00	4.299	142.183	-150.00
-4.090	142.347	-150.00	-4.000	142.482	-2.00	28+0.000	142.562	142.202	0.360	4.000	142.482	-2.00	4.288	142.050	-150.00
-4.103	142.241	-150.00	-4.000	142.395	-2.00	29+0.000	142.475	142.119	0.356	4.000	142.395	-2.00	4.269	141.992	-150.00
-4.070	142.432	-150.00	-4.000	142.537	-2.00	30+0.000	142.617	142.296	0.321	4.000	142.537	-2.00	4.256	142.153	-150.00
-4.099	142.535	-150.00	-4.000	142.684	-2.00	31+0.000	142.764	142.398	0.366	4.000	142.684	-2.00	4.286	142.255	-150.00
-4.135	142.760	-150.00	-4.000	142.963	-2.00	32+0.000	143.043	142.689	0.353	4.000	142.963	-2.00	4.230	142.617	-150.00
-4.143	143.173	-150.00	-4.000	143.388	-2.00	33+0.000	143.468	143.114	0.354	4.000	143.388	-2.00	4.203	143.084	-150.00
-4.159	143.725	-150.00	-4.000	143.962	-2.00	34+0.000	144.042	143.694	0.348	4.000	143.962	-2.00	4.199	143.663	-150.00
-4.160	144.353	-150.00	-4.000	144.593	-2.00	35+0.000	144.673	144.341	0.331	4.000	144.593	-2.00	4.175	144.330	-150.00
-4.167	145.178	-150.00	-4.000	145.428	-2.00	36+0.000	145.508	145.173	0.335	4.000	145.428	-2.00	4.194	145.137	-150.00
-4.128	146.077	-150.00	-4.000	146.268	-2.00	37+0.000	146.348	146.008	0.340	4.000	146.268	-2.00	4.218	145.942	-150.00
-4.062	147.015	-150.00	-4.000	147.109	-2.00	38+0.000	147.189	146.901	0.288	4.000	147.109	-2.00	4.219	146.780	-150.00
-4.011	147.933	-150.00	-4.000	147.950	-2.00	39+0.000	148.030	147.821	0.208	4.000	147.950	-2.00	4.165	147.702	-150.00
-4.009	148.796	66.67	-4.000	148.790	-2.00	40+0.000	148.870	148.649	0.221	4.000	148.790	-2.00	4.229	148.447	-150.00
-4.034	149.580	-150.00	-4.000	149.631	-2.00	41+0.000	149.711	149.436	0.275	4.000	149.631	-2.00	4.264	149.235	-150.00
-4.055	150.388	-150.00	-4.000	150.471	-2.00	42+0.000	150.551	150.233	0.318	4.000	150.471	-2.00	4.289	150.038	-150.00
-4.087	151.215	-150.00	-4.000	151.345	-2.00	43+0.000	151.425	151.089	0.335	4.000	151.345	-2.00	4.300	150.895	-150.00
-4.090	152.150	-150.00	-4.000	152.285	-2.00	44+0.000	152.365	152.025	0.341	4.000	152.285	-2.00	4.291	151.849	-150.00
-4.097	152.913	-150.00	-4.000	153.059	-2.00	45+0.000	153.139	152.789	0.350	4.000	153.059	-2.00	4.279	152.640	-150.00
-4.111	153.600	-150.00	-4.000	153.767	-2.00	46+0.000	153.847	153.491	0.356	4.000	153.767	-2.00	4.259	153.379	-150.00
-4.140	154.203	-150.00	-4.000	154.414	-2.00	47+0.000	154.494	154.126	0.368	4.000	154.414	-2.00	4.248	154.042	-150.00
-4.142	154.455	-150.00	-4.000	154.668	-2.00	48+0.000	154.748	154.365	0.383	4.000	154.668	-2.00	4.264	154.273	-150.00
-4.155	154.558	-150.00	-4.000	154.791	-2.00	49+0.000	154.871	154.466	0.405	4.000	154.791	-2.00	4.278	154.374	-150.00
-4.149	154.509	-150.00	-4.000	154.733	-2.00	50+0.000	154.813	154.421	0.391	4.000	154.733	-2.00	4.268	154.331	-150.00
-4.140	154.301	-150.00	-4.000	154.511	-2.00	51+0.000	154.591	154.206	0.385	4.000	154.511	-2.00	4.268	154.108	-150.00
-4.111	153.981	-150.00	-4.000	154.147	-2.00	52+0.000	154.227	153.886	0.341	4.000	154.147	-2.00	4.240	153.788	-150.00
-4.124	153.603	-150.00	-4.000	153.789	-2.00	53+0.000	153.869	153.473	0.396	4.000	153.789	-2.00	4.301	153.338	-150.00
-4.087	153.387	-150.00	-4.000	153.517	-2.00	54+0.000	153.597	153.240	0.357	4.000	153.517	-2.00	4.289	153.084	-150.00
-4.094	153.105	-150.00	-4.000	153.246	-2.00	55+0.000	153.326	152.956	0.371	4.000	153.246	-2.00	4.298	152.799	-150.00
-4.107	152.810	-150.00	-4.000	152.970	-2.00	56+0.000	153.050	152.647	0.403	4.000	152.970	-2.00	4.330	152.475	-150.00
-4.139	152.422	-150.00	-4.000	152.630	-2.00	57+0.000	152.710	152.257	0.453	4.000	152.630	-2.00	4.330	152.134	-150.00
-4.106	152.131	-150.00	-4.000	152.289	-2.00	58+0.000	152.369	152.015	0.355	4.000	152.289	-2.00	4.263	151.894	-150.00
-4.192	151.480	-150.00	-4.000	151.769	-2.00	59+0.000	151.849	151.382	0.466	4.000	151.769	-2.00	4.325	151.281	-150.00
-4.167	150.666	-150.00	-4.000	150.916	-2.00	60+0.000	150.996	150.566	0.429	4.000	150.916	-2.00	4.301	150.464	-150.00
-4.083	149.891	-150.00	-4.000	150.016	-2.00	61+0.000	150.096	149.846	0.249	4.000	150.016	-2.00	4.143	149.801	-150.00
-4.218	148.790	-150.00	-4.000	149.116	-2.00	62+0.000	149.196	148.768	0.428	4.000	149.116	-2.00	4.236	148.762	-150.00
-4.219	147.657	-150.00	-4.000	147.986	-2.00	63+0.000	148.066	147.647	0.418	4.000	147.986	-2.00	4.232	147.638	-150.00
-4.254	146.406	-150.00	-4.000	146.787	-2.00	64+0.000	146.867	146.443	0.423	4.000	146.787	-2.00	4.205	146.480	-150.00
-4.283	145.164	-150.00	-4.000	145.588	-2.00	65+0.000	145.668	145.200	0.468	4.000	145.588	-2.00	4.227	145.247	-150.00
-4.267	144.059	-150.00	-4.000	144.460	-2.00	66+0.000	144.540	144.118	0.422	4.000	144.460	-2.00	4.189	144.176	-150.00
-4.243	143.092	-150.00	-4.000	143.456	-2.00	67+0.000	143.536	143.101	0.435	4.000	143.456	-2.00	4.231	143.110	-150.00
-4.194	142.531	-150.00	-4.000	142.822	-2.00	68+0.000	142.902	142.547	0.356	4.000	142.822	-2.00	4.173	142.562	-150.00
-4.121	142.129	-150.00	-4.000	142.310	-2.00	69+0.000	142.390	142.002	0.388	4.000	142.310	-2.00	4.254	141.928	-150.00
-4.117	142.062	-150.00	-4.000	142.238	-2.00	70+0.000	142.318	141.937	0.381	4.000	142.238	-2.00	4.287	141.807	-150.00
-4.106	142.248	-150.00	-4.000	142.407	-2.00	71+0.000	142.487	142.123	0.364	4.000	142.407	-2.00	4.276	141.994	-150.00
-4.084	142.575	-150.00	-4.000	142.700	-2.00	72+0.000	142.780	142.422	0.358	4.000	142.700	-2.00	4.273	142.291	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades e Desenvolvimento Social

-4.068	143.146	-150.00	-4.000	143.248	-2.00	73+0.000	143.328	142.988	0.340	4.000	143.248	-2.00	4.284	142.823	-150.00
-4.090	143.669	-150.00	-4.000	143.805	-2.00	74+0.000	143.885	143.512	0.373	4.000	143.805	-2.00	4.306	143.346	-150.00
-4.127	144.119	-150.00	-4.000	144.310	-2.00	75+0.000	144.390	143.986	0.404	4.000	144.310	-2.00	4.309	143.846	-150.00
-4.116	144.146	-150.00	-4.000	144.320	-2.00	76+0.000	144.400	144.010	0.390	4.000	144.320	-2.00	4.301	143.868	-150.00
-4.181	143.610	-150.00	-4.000	143.881	-2.00	77+0.000	143.961	143.549	0.411	4.000	143.881	-2.00	4.265	143.483	-150.00
-4.155	142.784	-150.00	-4.000	143.016	-2.00	78+0.000	143.096	142.719	0.377	4.000	143.016	-2.00	4.270	142.611	-150.00
-4.265	141.484	-150.00	-4.000	141.881	-2.00	79+0.000	141.961	141.497	0.464	4.000	141.881	-2.00	4.243	141.517	-150.00
-4.263	140.215	-150.00	-4.000	140.610	-2.00	80+0.000	140.690	140.196	0.494	4.000	140.610	-2.00	4.293	140.170	-150.00
-4.312	138.870	-150.00	-4.000	139.338	-2.00	81+0.000	139.418	138.821	0.597	4.000	139.338	-2.00	4.377	138.772	-150.00
-4.266	137.675	-150.00	-4.000	138.074	-2.00	82+0.000	138.154	137.622	0.532	4.000	138.074	-2.00	4.332	137.576	-150.00
-4.171	136.843	-150.00	-4.000	137.100	-2.00	83+0.000	137.180	136.741	0.438	4.000	137.100	-2.00	4.262	136.707	-150.00
-4.154	136.328	-150.00	-4.000	136.559	-2.00	84+0.000	136.639	136.226	0.413	4.000	136.559	-2.00	4.283	136.135	-150.00
-4.127	136.261	-150.00	-4.000	136.453	-2.00	85+0.000	136.533	136.265	0.268	4.000	136.453	-2.00	4.123	136.268	-150.00
-4.145	136.562	-150.00	-4.000	136.780	-2.00	86+0.000	136.860	136.546	0.314	4.000	136.780	-2.00	4.166	136.531	-150.00
-4.249	137.118	-150.00	-4.000	137.492	-2.00	87+0.000	137.572	137.162	0.410	4.000	137.492	-2.00	4.191	137.205	-150.00
-4.194	137.974	-150.00	-4.000	138.264	-2.00	88+0.000	138.344	137.990	0.354	4.000	138.264	-2.00	4.172	138.006	-150.00
-4.257	138.638	-150.00	-4.000	139.023	-2.00	89+0.000	139.103	138.745	0.358	4.000	139.023	-2.00	4.116	138.848	-150.00
-4.249	139.244	-150.00	-4.000	139.616	-2.00	90+0.000	139.696	139.356	0.341	4.000	139.616	-2.00	4.101	139.464	-150.00
-4.226	139.830	-150.00	-4.000	140.169	-2.00	91+0.000	140.249	139.936	0.313	4.000	140.169	-2.00	4.087	140.038	-150.00
-4.224	140.384	-150.00	-4.000	140.721	-2.00	92+0.000	140.801	140.515	0.286	4.000	140.721	-2.00	4.053	140.640	-150.00
-4.214	140.952	-150.00	-4.000	141.273	-2.00	93+0.000	141.353	141.070	0.282	4.000	141.273	-2.00	4.057	141.187	-150.00
-4.231	141.479	-150.00	-4.000	141.825	-2.00	94+0.000	141.905	141.589	0.316	4.000	141.825	-2.00	4.086	141.695	-150.00
-4.269	141.905	-150.00	-4.000	142.309	-2.00	95+0.000	142.389	142.012	0.377	4.000	142.309	-2.00	4.126	142.120	-150.00
-4.253	142.172	-150.00	-4.000	142.552	-2.00	96+0.000	142.632	142.300	0.332	4.000	142.552	-2.00	4.087	142.421	-150.00
-4.222	142.440	-150.00	-4.000	142.772	-2.00	97+0.000	142.852	142.556	0.297	4.000	142.772	-2.00	4.070	142.668	-150.00
-4.231	142.646	-150.00	-4.000	142.993	-2.00	98+0.000	143.073	142.745	0.328	4.000	142.993	-2.00	4.096	142.849	-150.00
-4.211	142.896	-150.00	-4.000	143.213	-2.00	99+0.000	143.293	142.965	0.328	4.000	143.213	-2.00	4.114	143.043	-150.00
-4.241	143.072	-150.00	-4.000	143.434	-2.00	100+0.000	143.514	143.140	0.374	4.000	143.434	-2.00	4.138	143.227	-150.00
-4.248	143.321	-150.00	-4.000	143.693	-2.00	101+0.000	143.773	143.385	0.388	4.000	143.693	-2.00	4.164	143.447	-150.00
-4.226	143.637	-150.00	-4.000	143.976	-2.00	102+0.000	144.056	143.687	0.369	4.000	143.976	-2.00	4.159	143.737	-150.00
-4.217	143.932	-150.00	-4.000	144.258	-2.00	103+0.000	144.338	143.980	0.358	4.000	144.258	-2.00	4.130	144.064	-150.00
-4.294	144.510	-150.00	-4.000	144.950	-2.00	104+0.000	145.030	144.589	0.442	4.000	144.950	-2.00	4.190	144.665	-150.00
-4.314	145.233	-150.00	-4.000	145.704	-2.00	105+0.000	145.784	145.289	0.494	4.000	145.704	-2.00	4.240	145.344	-150.00
-4.260	146.066	-150.00	-4.000	146.457	-2.00	106+0.000	146.537	146.175	0.362	4.000	146.457	-2.00	4.151	146.230	-150.00
-4.218	146.883	-150.00	-4.000	147.210	-2.00	107+0.000	147.290	147.001	0.289	4.000	147.210	-2.00	4.062	147.116	-150.00
-4.126	147.774	-150.00	-4.000	147.963	-2.00	108+0.000	148.043	147.891	0.152	4.000	147.963	-2.00	4.065	148.006	66.67
-4.274	148.305	-150.00	-4.000	148.716	-2.00	109+0.000	148.796	148.468	0.328	4.000	148.716	-2.00	4.062	148.624	-150.00
-4.363	148.758	-150.00	-4.000	149.303	-2.00	110+0.000	149.383	148.983	0.400	4.000	149.303	-2.00	4.073	149.193	-150.00
-4.350	148.963	-150.00	-4.000	149.488	-2.00	111+0.000	149.568	149.187	0.380	4.000	149.488	-2.00	4.084	149.362	-150.00
-4.352	149.048	-150.00	-4.000	149.576	-2.00	112+0.000	149.656	149.303	0.353	4.000	149.576	-2.00	4.045	149.508	-150.00
-4.364	149.050	-150.00	-4.000	149.596	-2.00	113+0.000	149.676	149.306	0.369	4.000	149.596	-2.00	4.035	149.543	-150.00
-4.371	149.059	-150.00	-4.000	149.615	-2.00	114+0.000	149.695	149.315	0.380	4.000	149.615	-2.00	4.043	149.552	-150.00
-4.359	149.097	-150.00	-4.000	149.635	-2.00	115+0.000	149.715	149.322	0.394	4.000	149.635	-2.00	4.093	149.496	-150.00
-4.344	149.166	-150.00	-4.000	149.682	-2.00	116+0.000	149.762	149.363	0.400	4.000	149.682	-2.00	4.087	149.551	-150.00
-4.323	149.411	-150.00	-4.000	149.895	-2.00	117+0.000	149.975	149.604	0.371	4.000	149.895	-2.00	4.073	149.786	-150.00
-4.338	149.629	-150.00	-4.000	150.137	-2.00	118+0.000	150.217	149.862	0.355	4.000	150.137	-2.00	4.053	150.058	-150.00
-4.297	150.067	-150.00	-4.000	150.512	-2.00	119+0.000	150.592	150.236	0.356	4.000	150.512	-2.00	4.083	150.388	-150.00
-4.296	150.461	-150.00	-4.000	150.904	-2.00	120+0.000	150.984	150.621	0.363	4.000	150.904	-2.00	4.087	150.773	-150.00
-4.309	150.832	-150.00	-4.000	151.296	-2.00	121+0.000	151.376	151.038	0.338	4.000	151.296	-2.00	4.057	151.211	-150.00
-4.326	151.262	-150.00	-4.000	151.751	-2.00	122+0.000	151.831	151.486	0.346	4.000	151.751	-2.00	4.038	151.695	-150.00
-4.309	151.960	-150.00	-4.000	152.423	-2.00	123+0.000	152.503	152.156	0.347	4.000	152.423	-2.00	4.048	152.352	-150.00
-4.380	152.834	-150.00	-4.000	153.404	-2.00	124+0.000	153.484	153.055	0.429	4.000	153.404	-2.00	4.094	153.263	-150.00
-4.315	153.959	-150.00	-4.000	154.431	-2.00	125+0.000	154.511	154.216	0.294	4.000	154.431	-2.00	4.040	154.458	66.67
-4.376	155.430	-150.00	-4.000	155.994	-2.00	126+0.000	156.074	155.740	0.333	4.000	155.994	-2.00	4.109	156.066	66.67
-4.456	157.062	-150.00	-4.000	157.746	-2.00	127+0.000	157.826	157.532	0.295	4.000	157.746	-2.00	4.298	157.945	66.67
-4.456	158.815	-150.00	-4.000	159.499	-2.00	128+0.000	159.579	159.284	0.295	4.000	159.499	-2.00	4.368	159.744	66.67
-4.521	160.310	-150.00	-4.000	161.091	-2.00	129+0.000	161.171	160.828	0.343	4.000	161.091	-2.00	4.355	161.328	66.67
-4.643	161.623	-150.00	-4.000	162.587	-2.00	130+0.000	162.667	162.282	0.385	4.000	162.587	-2.00	4.334	162.810	66.67
-4.568	161.913	-150.00	-4.000	162.764	-2.00	131+0.000	162.844	162.460	0.384	4.000	162.764	-2.00	4.321	162.978	66.67
-4.579	161.627	-150.00	-4.000	162.495	-2.00	132+0.000	162.575	162.168	0.407	4.000	162.495	-2.00	4.264	162.671	66.67
-4.568	160.914	-150.00	-4.000	161.765	-2.00	133+0.000	161.845	161.421	0.424	4.000	161.765	-2.00	4.180	161.885	66.67
-4.472	160.041	-150.00	-4.000	160.749	-2.00	134+0.000	160.829	160.499	0.330	4.000	160.749	-2.00	4.145	160.846	66.67
-4.486	158.989	-150.00	-4.000	159.718	-2.00	135+0.000	159.798	159.306	0.492	4.000	159.718	-2.00	4.076	159.604	-150.00
-4.464	158.142	-150.00	-4.000	158.838	-2.00	136+0.000	158.918	158.403	0.515	4.000	158.838	-2.00	4.108	158.676	-150.00
-4.408	157.512	-150.00	-4.000	158.124	-2.00	137+0.000	158.204	157.731	0.472	4.000	158.124	-2.00	4.125	157.936	-150.00
-4.369	157.090	-150.00	-4.000	157.644	-2.00	138+0.000	157.724	157.330	0.395	4.000	157.644	-2.00	4.057	157.558	-150.00
-4.419	156.742	-150.00	-4.000	157.370	-2.00	139+0.000	157.450	157.112	0.338	4.000	157.370	-2.00	4.038	157.396	66.67
-4.479	156.370	-150.00	-4.000	157.088	-2.00	140+0.000	157.168	156.756	0.412	4.000	157.088	-2.00	4.009	157.094	66.67
-4.466	155.664	-150.00	-4.000	156.363	-2.00	141+0.000	156.443	156.008	0.435	4.000	156.363	-2.00	4.030	156.318	-150.00
-4.434	154.843	-150.00	-4.000	155.494	-2.00	142+0.000	155.574	155.149	0.425	4.000	155.494	-2.00	4.031	155.447	-150.00
-4.449	154.024	-150.00	-4.000	154.698	-2.00	143+0.000	154.778	154.371	0.407	4.000	154.698	-2.00	4.009	154.683	-150.00
-4.472	153.589	-150.00	-4.000	154.298	-2.00	144+0.000	154.378	153.917	0.461	4.000	154.298	-2.00	4.046	154.229	-150.00
-4.412	153.451	-150.00	-4.000	154.068	-2.00	145+0.000	154.148	153.767	0.381	4.000	154.068	-2.00	4.010	154.054	-150.00
-4.485	153.420	-150.00	-4.000	154.148	-2.00	146+0.000	154.228	153.737	0.490	4.000	154.148	-2.00	4.081	154.026	-150.00
-4.456	153.589	-150.00	-4.000	154.273	-2.00	147+0.000	154.353	153.899	0.454	4.000	154.273	-2.00	4.060	154.182	-150.00
-4.356	153.994	-150.00	-4.000	154.529	-2.00	148+0.000	154.609	154.260	0.349	4.000	154.529	-2.00	4.016	154.505	-150.00
-4.341	154.532	-150.00	-4.000	155.043	-2.00	149+0.000	155.123	154.756	0.367	4.000	155.043	-2.00	4.052	154.965	-150.00
-4.322	155.075	-150.00	-4.000	155.558	-2.00	150+0.000	155.638	155.265	0.373	4.000	155.558	-2.00	4.074	155.448	-150.00
-4.323	155.589	-150.00	-4.000	156.073	-2.00	151+0.000	156.153	155.780	0.374	4.000	156.073	-2.00	4.072	155.965	-150.00
-4.308	156.126	-150.00	-4.000	156.588	-2.00	152+0.000	156.668	156.303	0.365	4.000	156.588	-2.00	4.072	156.480	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - SOP
Secretaria

-4.285	156.643	-150.00	-4.000	157.070	-2.00	153+0.000	157.150	156.777	0.373	4.000	157.070	-2.00	4.103	156.916	-150.00
-4.231	157.053	-150.00	-4.000	157.400	-2.00	154+0.000	157.480	157.189	0.291	4.000	157.400	-2.00	4.049	157.326	-150.00
-4.223	157.386	-150.00	-4.000	157.721	-2.00	155+0.000	157.801	157.522	0.279	4.000	157.721	-2.00	4.041	157.660	-150.00
-4.247	157.672	-150.00	-4.000	158.042	-2.00	156+0.000	158.122	157.801	0.320	4.000	158.042	-2.00	4.078	157.926	-150.00
-4.303	157.909	-150.00	-4.000	158.363	-2.00	157+0.000	158.443	158.040	0.403	4.000	158.363	-2.00	4.131	158.166	-150.00
-4.306	158.174	-150.00	-4.000	158.634	-2.00	158+0.000	158.714	158.360	0.353	4.000	158.634	-2.00	4.065	158.536	-150.00
-4.291	158.410	-150.00	-4.000	158.847	-2.00	159+0.000	158.927	158.596	0.331	4.000	158.847	-2.00	4.050	158.772	-150.00
-4.315	158.587	-150.00	-4.000	159.060	-2.00	160+0.000	159.140	158.808	0.332	4.000	159.060	-2.00	4.028	159.019	-150.00
-4.313	158.804	-150.00	-4.000	159.273	-2.00	161+0.000	159.353	159.033	0.320	4.000	159.273	-2.00	4.018	159.246	-150.00
-4.333	158.988	-150.00	-4.000	159.487	-2.00	162+0.000	159.567	159.230	0.336	4.000	159.487	-2.00	4.021	159.455	-150.00
-4.365	159.152	-150.00	-4.000	159.700	-2.00	163+0.000	159.780	159.413	0.367	4.000	159.700	-2.00	4.031	159.653	-150.00
-4.393	159.323	-150.00	-4.000	159.913	-2.00	164+0.000	159.993	159.587	0.406	4.000	159.913	-2.00	4.055	159.831	-150.00
-4.409	159.513	-150.00	-4.000	160.127	-2.00	165+0.000	160.207	159.794	0.412	4.000	160.127	-2.00	4.050	160.052	-150.00
-4.392	159.752	-150.00	-4.000	160.340	-2.00	166+0.000	160.420	160.035	0.385	4.000	160.340	-2.00	4.031	160.294	-150.00
-4.384	159.977	-150.00	-4.000	160.553	-2.00	167+0.000	160.633	160.260	0.374	4.000	160.553	-2.00	4.023	160.519	-150.00
-4.377	160.354	-150.00	-4.000	160.920	-2.00	168+0.000	161.000	160.587	0.414	4.000	160.920	-2.00	4.078	160.803	-150.00
-4.314	160.964	-150.00	-4.000	161.435	-2.00	169+0.000	161.515	161.155	0.361	4.000	161.435	-2.00	4.067	161.335	-150.00
-4.363	161.406	-150.00	-4.000	161.951	-2.00	170+0.000	162.031	161.600	0.431	4.000	161.951	-2.00	4.112	161.782	-150.00
-4.310	162.001	-150.00	-4.000	162.466	-2.00	171+0.000	162.546	162.129	0.417	4.000	162.466	-2.00	4.143	162.252	-150.00
-4.289	162.548	-150.00	-4.000	162.981	-2.00	172+0.000	163.061	162.677	0.384	4.000	162.981	-2.00	4.120	162.801	-150.00
-4.270	163.054	-150.00	-4.000	163.459	-2.00	173+0.000	163.539	163.164	0.375	4.000	163.459	-2.00	4.137	163.254	-150.00
-4.256	163.328	-150.00	-4.000	163.713	-2.00	174+0.000	163.793	163.420	0.372	4.000	163.713	-2.00	4.135	163.510	-150.00
-4.252	163.680	-150.00	-4.000	164.058	-2.00	175+0.000	164.138	163.768	0.369	4.000	164.058	-2.00	4.135	163.855	-150.00
-4.258	164.045	-150.00	-4.000	164.432	-2.00	176+0.000	164.512	164.128	0.384	4.000	164.432	-2.00	4.139	164.224	-150.00
-4.284	164.390	-150.00	-4.000	164.816	-2.00	177+0.000	164.896	164.473	0.424	4.000	164.816	-2.00	4.152	164.588	-150.00
-4.248	164.898	-150.00	-4.000	165.271	-2.00	178+0.000	165.351	164.977	0.373	4.000	165.271	-2.00	4.109	165.108	-150.00
-4.248	165.434	-150.00	-4.000	165.806	-2.00	179+0.000	165.886	165.530	0.355	4.000	165.806	-2.00	4.082	165.683	-150.00
-4.256	166.018	-150.00	-4.000	166.403	-2.00	180+0.000	166.483	166.131	0.352	4.000	166.403	-2.00	4.080	166.283	-150.00
-4.282	166.700	-150.00	-4.000	167.123	-2.00	181+0.000	167.203	166.856	0.347	4.000	167.123	-2.00	4.079	167.005	-150.00
-4.292	167.424	-150.00	-4.000	167.862	-2.00	182+0.000	167.942	167.580	0.362	4.000	167.862	-2.00	4.089	167.729	-150.00
-4.284	167.942	-150.00	-4.000	168.369	-2.00	183+0.000	168.449	168.098	0.351	4.000	168.369	-2.00	4.087	168.238	-150.00
-4.267	168.474	-150.00	-4.000	168.874	-2.00	184+0.000	168.954	168.609	0.345	4.000	168.874	-2.00	4.090	168.739	-150.00
-4.246	169.011	-150.00	-4.000	169.381	-2.00	185+0.000	169.461	169.114	0.346	4.000	169.381	-2.00	4.111	169.214	-150.00
-4.291	169.605	-150.00	-4.000	170.041	-2.00	186+0.000	170.121	169.730	0.391	4.000	170.041	-2.00	4.127	169.850	-150.00
-4.301	170.267	-150.00	-4.000	170.719	-2.00	187+0.000	170.799	170.390	0.409	4.000	170.719	-2.00	4.140	170.509	-150.00
-4.288	170.966	-150.00	-4.000	171.397	-2.00	188+0.000	171.477	171.077	0.400	4.000	171.397	-2.00	4.141	171.186	-150.00
-4.274	171.664	-150.00	-4.000	172.075	-2.00	189+0.000	172.155	171.778	0.377	4.000	172.075	-2.00	4.124	171.889	-150.00
-4.314	172.074	-150.00	-4.000	172.546	-2.00	190+0.000	172.626	172.200	0.426	4.000	172.546	-2.00	4.150	172.321	-150.00
-4.408	172.240	-150.00	-4.000	172.851	-2.00	191+0.000	172.931	172.397	0.534	4.000	172.851	-2.00	4.203	172.548	-150.00
-4.356	172.624	-150.00	-4.000	173.157	-2.00	192+0.000	173.237	172.857	0.380	4.000	173.157	-2.00	4.103	173.003	-150.00
-4.363	172.918	-150.00	-4.000	173.463	-2.00	193+0.000	173.543	173.147	0.396	4.000	173.463	-2.00	4.069	173.360	-150.00
-4.518	173.199	-150.00	-4.000	173.977	-2.00	194+0.000	174.057	173.527	0.530	4.000	173.977	-2.00	4.102	173.824	-150.00
-4.462	173.845	-150.00	-4.000	174.538	-2.00	195+0.000	174.618	174.159	0.459	4.000	174.538	-2.00	4.062	174.445	-150.00
-4.386	174.520	-150.00	-4.000	175.099	-2.00	196+0.000	175.179	174.845	0.334	4.000	175.099	-2.00	4.024	175.115	66.67
-4.377	175.071	-150.00	-4.000	175.637	-2.00	197+0.000	175.717	175.362	0.356	4.000	175.637	-2.00	4.007	175.627	-150.00
-4.340	175.636	-150.00	-4.000	176.146	-2.00	198+0.000	176.226	175.890	0.336	4.000	176.146	-2.00	4.014	176.125	-150.00
-4.334	176.154	-150.00	-4.000	176.655	-2.00	199+0.000	176.735	176.395	0.340	4.000	176.655	-2.00	4.027	176.614	-150.00
-4.319	176.687	-150.00	-4.000	177.164	-2.00	200+0.000	177.244	176.916	0.328	4.000	177.164	-2.00	4.018	177.138	-150.00
-4.326	177.184	-150.00	-4.000	177.673	-2.00	201+0.000	177.753	177.415	0.338	4.000	177.673	-2.00	4.054	177.593	-150.00
-4.377	177.602	-150.00	-4.000	178.167	-2.00	202+0.000	178.247	177.876	0.371	4.000	178.167	-2.00	4.073	178.058	-150.00
-4.361	177.986	-150.00	-4.000	178.527	-2.00	203+0.000	178.607	178.233	0.374	4.000	178.527	-2.00	4.074	178.417	-150.00
-4.364	178.277	-150.00	-4.000	178.823	-2.00	204+0.000	178.903	178.527	0.376	4.000	178.823	-2.00	4.050	178.749	-150.00
-4.350	178.514	-150.00	-4.000	179.039	-2.00	205+0.000	179.119	178.750	0.369	4.000	179.039	-2.00	4.046	178.970	-150.00
-4.325	178.855	-150.00	-4.000	179.343	-2.00	206+0.000	179.423	179.090	0.333	4.000	179.343	-2.00	4.023	179.309	-150.00
-4.337	179.142	-150.00	-4.000	179.648	-2.00	207+0.000	179.728	179.379	0.349	4.000	179.648	-2.00	4.033	179.599	-150.00
-4.347	179.366	-150.00	-4.000	179.886	-2.00	208+0.000	179.966	179.582	0.385	4.000	179.886	-2.00	4.069	179.784	-150.00
-4.347	179.272	-150.00	-4.000	179.792	-2.00	209+0.000	179.872	179.454	0.418	4.000	179.792	-2.00	4.110	179.627	-150.00
-4.341	178.987	-150.00	-4.000	179.499	-2.00	210+0.000	179.579	179.130	0.449	4.000	179.499	-2.00	4.126	179.310	-150.00
-4.223	178.598	-150.00	-4.000	178.933	-2.00	211+0.000	179.013	178.723	0.289	4.000	178.933	-2.00	4.059	178.843	-150.00
-4.250	177.991	-150.00	-4.000	178.366	-2.00	212+0.000	178.446	178.054	0.392	4.000	178.366	-2.00	4.166	178.116	-150.00
-4.197	177.504	-150.00	-4.000	177.799	-2.00	213+0.000	177.879	177.565	0.314	4.000	177.799	-2.00	4.115	177.626	-150.00
-4.185	176.954	-150.00	-4.000	177.232	-2.00	214+0.000	177.312	176.964	0.349	4.000	177.232	-2.00	4.173	176.973	-150.00
-4.076	176.625	-150.00	-4.000	176.739	-2.00	215+0.000	176.819	176.604	0.215	4.000	176.739	-2.00	4.130	176.545	-150.00
-4.133	176.191	-150.00	-4.000	176.391	-2.00	216+0.000	176.471	176.127	0.344	4.000	176.391	-2.00	4.219	176.062	-150.00
-4.166	175.937	-150.00	-4.000	176.187	-2.00	217+0.000	176.267	175.845	0.422	4.000	176.187	-2.00	4.292	175.750	-150.00
-4.053	176.048	-150.00	-4.000	176.127	-2.00	218+0.000	176.207	175.896	0.311	4.000	176.127	-2.00	4.267	175.727	-150.00
-4.121	176.031	-150.00	-4.000	176.212	-2.00	219+0.000	176.292	175.864	0.428	4.000	176.212	-2.00	4.349	175.689	-150.00
-4.129	176.247	-150.00	-4.000	176.441	-2.00	220+0.000	176.521	176.082	0.440	4.000	176.441	-2.00	4.356	175.907	-150.00
-4.132	176.561	-150.00	-4.000	176.758	-2.00	221+0.000	176.838	176.394	0.445	4.000	176.758	-2.00	4.361	176.217	-150.00
-4.084	176.951	-150.00	-4.000	177.077	-2.00	222+0.000	177.157	176.771	0.386	4.000	177.077	-2.00	4.331	176.580	-150.00
-4.094	177.247	-150.00	-4.000	177.387	-2.00	223+0.000	177.467	177.071	0.396	4.000	177.387	-2.00	4.335	176.885	-150.00
-4.055	177.517	-150.00	-4.000	177.600	-2.00	224+0.000	177.680	177.299	0.381	4.000	177.600	-2.00	4.348	177.078	-150.00
-4.050	177.611	-150.00	-4.000	177.687	-2.00	225+0.000	177.767	177.390	0.377	4.000	177.687	-2.00	4.335	177.184	-150.00
-4.070	177.563	-150.00	-4.000	177.668	-2.00	226+0.000	177.748	177.331	0.417	4.000	177.668	-2.00	4.360	177.128	-150.00
-4.062	177.478	-150.00	-4.000	177.570	-2.00	227+0.000	177.650	177.251	0.399	4.000	177.570	-2.00	4.347	177.049	-150.00
-4.062	177.296	-150.00	-4.000	177.389	-2.00	228+0.000	177.469	177.083	0.386	4.000	177.389	-2.00	4.309	176.926	-150.00
-4.054	177.127	-150.00	-4.000	177.209	-2.00	229+0.000	177.289	176.897	0.391	4.000	177.209	-2.00	4.301	176.757	-150.00
-4.049	176.983	-150.00	-4.000	177.057	-2.00	230+0.000	177.137	176.744	0.393	4.000	177.057	-2.00	4.343	176.543	-150.00
-4.044	176.858	-150.00	-4.000	176.925	-2.00	231+0.000	177.005	176.626	0.379	4.000	176.925	-2.00	4.367	176.374	-150.00
-4.049	176.993	-150.00	-4.000	177.066	-2.00	232+0.000	177.146	176.778	0.369	4.000	177.066	-2.00	4.346	176.547	-150.00

Osvaldo Leônelo da Silva Filho
Diretor da Unidade de Projetos e Obras
Secretaria

-4.030	177.555	-150.00	-4.000	177.600	-2.00	233+0.000	177.680	177.347	0.334	4.000	177.600	-2.00	4.318	177.123	-150.00
-4.058	178.189	-150.00	-4.000	178.276	-2.00	234+0.000	178.356	178.010	0.345	4.000	178.276	-2.00	4.304	177.819	-150.00
-4.017	179.016	-150.00	-4.000	179.041	-2.00	235+0.000	179.121	178.735	0.386	4.000	179.041	-2.00	4.410	178.427	-150.00
-4.010	179.394	-150.00	-4.000	179.409	-2.00	236+0.000	179.489	179.123	0.366	4.000	179.409	-2.00	4.395	178.816	-150.00
-4.013	179.588	-150.00	-4.000	179.607	-2.00	237+0.000	179.687	179.338	0.349	4.000	179.607	-2.00	4.375	179.045	-150.00
-4.205	179.693	66.67	-4.000	179.557	-2.00	238+0.000	179.637	179.411	0.226	4.000	179.557	-2.00	4.289	179.123	-150.00
-4.045	179.411	-150.00	-4.000	179.479	-2.00	239+0.000	179.559	179.210	0.348	4.000	179.479	-2.00	4.316	179.005	-150.00
-4.046	179.174	-150.00	-4.000	179.243	-2.00	240+0.000	179.323	179.028	0.294	4.000	179.243	-2.00	4.245	178.875	-150.00
-4.080	178.834	-150.00	-4.000	178.955	-2.00	241+0.000	179.035	178.637	0.398	4.000	178.955	-2.00	4.353	178.426	-150.00
-4.119	178.621	-150.00	-4.000	178.799	-2.00	242+0.000	178.879	178.468	0.410	4.000	178.799	-2.00	4.327	178.308	-150.00
-4.075	178.735	-150.00	-4.000	178.847	-2.00	243+0.000	178.927	178.530	0.397	4.000	178.847	-2.00	4.357	178.310	-150.00
-4.111	178.959	-150.00	-4.000	179.125	-2.00	244+0.000	179.205	178.786	0.419	4.000	179.125	-2.00	4.348	178.603	-150.00
-4.108	179.188	-150.00	-4.000	179.350	-2.00	245+0.000	179.430	179.059	0.371	4.000	179.350	-2.00	4.284	178.925	-150.00
-4.100	179.328	-150.00	-4.000	179.477	-2.00	246+0.000	179.557	179.178	0.380	4.000	179.477	-2.00	4.320	178.998	-150.00
-4.093	179.120	-150.00	-4.000	179.259	-2.00	247+0.000	179.339	179.023	0.316	4.000	179.259	-2.00	4.224	178.923	-150.00
-4.160	178.891	-150.00	-4.000	179.131	-2.00	248+0.000	179.211	178.795	0.416	4.000	179.131	-2.00	4.284	178.705	-150.00
-4.142	178.903	-150.00	-4.000	179.116	-2.00	249+0.000	179.196	178.814	0.381	4.000	179.116	-2.00	4.262	178.724	-150.00
-4.145	179.006	-150.00	-4.000	179.224	-2.00	250+0.000	179.304	178.918	0.387	4.000	179.224	-2.00	4.265	178.827	-150.00
-4.149	179.112	-150.00	-4.000	179.335	-2.00	251+0.000	179.415	179.033	0.383	4.000	179.335	-2.00	4.257	178.950	-150.00
-4.158	179.247	-150.00	-4.000	179.484	-2.00	252+0.000	179.564	179.167	0.397	4.000	179.484	-2.00	4.266	179.085	-150.00
-4.118	179.456	-150.00	-4.000	179.632	-2.00	253+0.000	179.712	179.330	0.382	4.000	179.632	-2.00	4.289	179.198	-150.00
-4.113	179.460	-150.00	-4.000	179.630	-2.00	254+0.000	179.710	179.336	0.374	4.000	179.630	-2.00	4.283	179.205	-150.00
-4.092	179.464	-150.00	-4.000	179.602	-2.00	255+0.000	179.682	179.334	0.349	4.000	179.602	-2.00	4.273	179.193	-150.00
-4.105	179.418	-150.00	-4.000	179.575	-2.00	256+0.000	179.655	179.289	0.366	4.000	179.575	-2.00	4.284	179.148	-150.00
-4.118	179.372	-150.00	-4.000	179.548	-2.00	257+0.000	179.628	179.244	0.385	4.000	179.548	-2.00	4.277	179.132	-150.00
-4.123	179.490	-150.00	-4.000	179.674	-2.00	258+0.000	179.754	179.395	0.359	4.000	179.674	-2.00	4.260	179.284	-150.00
-4.123	179.644	-150.00	-4.000	179.828	-2.00	259+0.000	179.908	179.539	0.369	4.000	179.828	-2.00	4.270	179.424	-150.00
-4.112	180.055	-150.00	-4.000	180.223	-2.00	260+0.000	180.303	179.985	0.318	4.000	180.223	-2.00	4.207	179.913	-150.00
-4.131	180.608	-150.00	-4.000	180.804	-2.00	261+0.000	180.884	180.528	0.356	4.000	180.804	-2.00	4.221	180.472	-150.00
-4.125	181.428	-150.00	-4.000	181.615	-2.00	262+0.000	181.695	181.376	0.319	4.000	181.615	-2.00	4.194	181.324	-150.00
-4.098	182.293	-150.00	-4.000	182.439	-2.00	263+0.000	182.519	182.240	0.279	4.000	182.439	-2.00	4.168	182.187	-150.00
-4.013	183.243	-150.00	-4.000	183.263	-2.00	264+0.000	183.343	183.110	0.233	4.000	183.263	-2.00	4.181	182.992	-150.00
			-4.000	184.537	-2.00	265+0.000	184.617	184.365	0.253	4.000	184.537	-2.00	4.237	184.181	-150.00
-4.024	185.660	-150.00	-4.000	185.697	-2.00	266+0.000	185.777	185.457	0.320	4.000	185.697	-2.00	4.304	185.241	-150.00
-4.071	186.727	66.67	-4.000	186.679	-2.00	267+0.000	186.759	186.461	0.298	4.000	186.679	-2.00	4.334	186.178	-150.00
-4.066	187.768	-150.00	-4.000	187.867	-2.00	268+0.000	187.947	187.499	0.448	4.000	187.867	-2.00	4.441	187.205	-150.00
-4.054	188.653	-150.00	-4.000	188.734	-2.00	269+0.000	188.814	188.474	0.340	4.000	188.734	-2.00	4.300	188.284	-150.00
-4.089	189.017	-150.00	-4.000	189.151	-2.00	270+0.000	189.231	188.818	0.413	4.000	189.151	-2.00	4.351	188.625	-150.00
-4.074	189.396	-150.00	-4.000	189.507	-2.00	271+0.000	189.587	189.198	0.389	4.000	189.507	-2.00	4.347	188.987	-150.00
-4.078	189.631	-150.00	-4.000	189.747	-2.00	272+0.000	189.827	189.486	0.341	4.000	189.747	-2.00	4.276	189.333	-150.00
-4.079	189.393	-150.00	-4.000	189.512	-2.00	273+0.000	189.592	189.259	0.334	4.000	189.512	-2.00	4.263	189.118	-150.00
-4.031	189.229	-150.00	-4.000	189.276	-2.00	274+0.000	189.356	189.045	0.311	4.000	189.276	-2.00	4.284	188.850	-150.00
-4.023	189.005	-150.00	-4.000	189.039	-2.00	275+0.000	189.119	188.819	0.301	4.000	189.039	-2.00	4.259	188.651	-150.00
-4.033	188.825	66.67	-4.000	188.803	-2.00	276+0.000	188.883	188.609	0.273	4.000	188.803	-2.00	4.273	188.393	-150.00
			-4.000	188.566	-2.00	277+0.000	188.646	188.367	0.279	4.000	188.566	-2.00	4.304	188.111	-150.00
-4.124	188.171	-150.00	-4.000	188.356	-2.00	278+0.000	188.436	187.982	0.454	4.000	188.356	-2.00	4.383	187.782	-150.00
-4.085	188.287	-150.00	-4.000	188.414	-2.00	279+0.000	188.494	188.077	0.417	4.000	188.414	-2.00	4.375	187.851	-150.00
-4.074	188.688	-150.00	-4.000	188.798	-2.00	280+0.000	188.878	188.472	0.406	4.000	188.798	-2.00	4.372	188.240	-150.00
-4.118	189.331	-150.00	-4.000	189.509	-2.00	281+0.000	189.589	189.150	0.439	4.000	189.509	-2.00	4.367	188.958	-150.00
-4.120	190.252	-150.00	-4.000	190.432	-2.00	282+0.000	190.512	190.022	0.491	4.000	190.432	-2.00	4.441	189.771	-150.00
-4.089	191.228	-150.00	-4.000	191.361	-2.00	283+0.000	191.441	190.997	0.444	4.000	191.361	-2.00	4.375	190.799	-150.00
-4.081	192.168	-150.00	-4.000	192.290	-2.00	284+0.000	192.370	191.988	0.382	4.000	192.290	-2.00	4.329	191.797	-150.00
-4.051	193.058	-150.00	-4.000	193.134	-2.00	285+0.000	193.214	192.869	0.346	4.000	193.134	-2.00	4.311	192.667	-150.00
-4.051	193.781	-150.00	-4.000	193.857	-2.00	286+0.000	193.937	193.587	0.350	4.000	193.857	-2.00	4.318	193.380	-150.00
-4.072	194.300	-150.00	-4.000	194.408	-2.00	287+0.000	194.488	194.114	0.374	4.000	194.408	-2.00	4.328	193.916	-150.00
-4.095	194.646	-150.00	-4.000	194.788	-2.00	288+0.000	194.868	194.482	0.386	4.000	194.788	-2.00	4.332	194.289	-150.00
-4.086	194.674	-150.00	-4.000	194.803	-2.00	289+0.000	194.883	194.480	0.403	4.000	194.803	-2.00	4.352	194.274	-150.00
-4.110	194.513	-150.00	-4.000	194.677	-2.00	290+0.000	194.757	194.335	0.422	4.000	194.677	-2.00	4.354	194.147	-150.00
-4.122	194.261	-150.00	-4.000	194.444	-2.00	291+0.000	194.524	194.088	0.437	4.000	194.444	-2.00	4.360	193.904	-150.00
-4.141	194.000	-150.00	-4.000	194.211	-2.00	292+0.000	194.291	193.852	0.439	4.000	194.211	-2.00	4.342	193.698	-150.00
-4.140	193.726	-150.00	-4.000	193.937	-2.00	293+0.000	194.017	193.587	0.429	4.000	193.937	-2.00	4.330	193.442	-150.00
-4.132	193.335	-150.00	-4.000	193.533	-2.00	294+0.000	193.613	193.177	0.437	4.000	193.533	-2.00	4.349	193.010	-150.00
-4.114	192.871	-150.00	-4.000	193.042	-2.00	295+0.000	193.122	192.687	0.435	4.000	193.042	-2.00	4.372	192.485	-150.00
-4.101	192.189	-150.00	-4.000	192.340	-2.00	296+0.000	192.420	191.997	0.423	4.000	192.340	-2.00	4.365	191.793	-150.00
-4.045	191.448	-150.00	-4.000	191.515	-2.00	297+0.000	191.595	191.169	0.426	4.000	191.515	-2.00	4.434	190.864	-150.00
-4.082	190.562	-150.00	-4.000	190.684	-2.00	298+0.000	190.764	190.284	0.480	4.000	190.684	-2.00	4.470	189.980	-150.00
-4.097	189.708	-150.00	-4.000	189.854	-2.00	299+0.000	189.934	189.403	0.530	4.000	189.854	-2.00	4.521	189.073	-150.00
-4.016	189.004	-150.00	-4.000	189.028	-2.00	300+0.000	189.108	188.705	0.403	4.000	189.028	-2.00	4.433	188.378	-150.00
-4.012	188.518	-150.00	-4.000	188.536	-2.00	301+0.000	188.616	188.222	0.393	4.000	188.536	-2.00	4.426	187.896	-150.00
-4.073	188.368	66.67	-4.000	188.319	-2.00	302+0.000	188.399	188.037	0.362	4.000	188.319	-2.00	4.428	187.677	-150.00
-4.012	188.637	-150.00	-4.000	188.656	-2.00	303+0.000	188.736	188.327	0.409	4.000	188.656	-2.00	4.455	187.973	-150.00
-4.052	189.010	-150.00	-4.000	189.088	-2.00	304+0.000	189.168	188.696	0.472	4.000	189.088	-2.00	4.493	188.348	-150.00
-4.006	189.510	-150.00	-4.000	189.519	-2.00	305+0.000	189.599	189.203	0.397	4.000	189.519	-2.00	4.429	188.876	-150.00
-4.044	189.879	66.67	-4.000	189.849	-2.00	306+0.000	189.929	189.551	0.379	4.000	189.849	-2.00	4.426	189.210	-150.00
-4.024	190.118	66.67	-4.000	190.103	-2.00	307+0.000	190.183	189.802	0.381	4.000	190.103	-2.00	4.408	189.491	-150.00
-4.008	190.273	66.67	-4.000	190.267	-2.00	308+0.000	190.347	189.965	0.383	4.000	190.267	-2.00	4.434	189.616	-150.00
-4.052	190.065	-150.00	-4.000	190.143	-2.00	309+0.000	190.223	189.791	0.432	4.000	190.143	-2.00	4.389	189.560	-150.00
-4.072	189.719	-150.00	-4.000	189.827	-2.00	310+0.000	189.907	189.505	0.402	4.000	189.827	-2.00	4.368	189.276	-150.00
-4.101	189.183	-150.00	-4.000	189.335	-2.00	311+0.000	189.415	188.996	0.419	4.000	189.335	-2.00	4.358	188.797	-150.00
-4.125	188.489	-150.00	-4.000	188.676	-2.00	312+0.000	188.756	188.320	0.436	4.000	188.676	-2.00	4.363	188.131	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Progr
Projetos e Obras - DUPPO
Secretaria das Cidades (Sec

-4.115	187.684	-150.00	-4.000	187.857	-2.00	313+0.000	187.937	187.505	0.433	4.000	187.857	-2.00	4.366	187.308	-150.00
-4.112	186.748	-150.00	-4.000	186.916	-2.00	314+0.000	186.996	186.570	0.426	4.000	186.916	-2.00	4.356	186.382	-150.00
-4.072	185.831	-150.00	-4.000	185.940	-2.00	315+0.000	186.020	185.662	0.358	4.000	185.940	-2.00	4.305	185.483	-150.00
-4.080	184.844	-150.00	-4.000	184.964	-2.00	316+0.000	185.044	184.670	0.374	4.000	184.964	-2.00	4.319	184.485	-150.00
-4.099	183.839	-150.00	-4.000	183.988	-2.00	317+0.000	184.068	183.633	0.434	4.000	183.988	-2.00	4.383	183.413	-150.00
-4.079	182.903	-150.00	-4.000	183.021	-2.00	318+0.000	183.101	182.687	0.414	4.000	183.021	-2.00	4.377	182.456	-150.00
-4.082	182.221	-150.00	-4.000	182.343	-2.00	319+0.000	182.423	182.008	0.415	4.000	182.343	-2.00	4.379	181.775	-150.00
-4.045	181.899	-150.00	-4.000	181.967	-2.00	320+0.000	182.047	181.685	0.362	4.000	181.967	-2.00	4.333	181.467	-150.00
-4.055	181.866	-150.00	-4.000	181.949	-2.00	321+0.000	182.029	181.650	0.379	4.000	181.949	-2.00	4.343	181.435	-150.00
-4.110	182.410	-150.00	-4.000	182.575	-2.00	322+0.000	182.655	182.182	0.473	4.000	182.575	-2.00	4.413	181.955	-150.00
-4.107	183.156	-150.00	-4.000	183.317	-2.00	323+0.000	183.397	182.949	0.448	4.000	183.317	-2.00	4.393	182.727	-150.00
-4.017	184.033	-150.00	-4.000	184.059	-2.00	324+0.000	184.139	183.795	0.344	4.000	184.059	-2.00	4.348	183.537	-150.00
-4.057	184.637	-150.00	-4.000	184.723	-2.00	325+0.000	184.803	184.399	0.404	4.000	184.723	-2.00	4.394	184.132	-150.00
-4.032	185.318	-150.00	-4.000	185.366	-2.00	326+0.000	185.446	185.080	0.366	4.000	185.366	-2.00	4.359	184.828	-150.00
-4.025	185.665	-150.00	-4.000	185.703	-2.00	327+0.000	185.783	185.406	0.377	4.000	185.703	-2.00	4.387	185.123	-150.00
-4.025	185.853	-150.00	-4.000	185.891	-2.00	328+0.000	185.971	185.605	0.366	4.000	185.891	-2.00	4.370	185.335	-150.00
-4.034	185.910	-150.00	-4.000	185.961	-2.00	329+0.000	186.041	185.653	0.388	4.000	185.961	-2.00	4.392	185.372	-150.00
-4.060	185.708	-150.00	-4.000	185.799	-2.00	330+0.000	185.879	185.462	0.417	4.000	185.799	-2.00	4.405	185.192	-150.00
-4.058	185.509	-150.00	-4.000	185.595	-2.00	331+0.000	185.675	185.267	0.408	4.000	185.595	-2.00	4.391	185.009	-150.00
-4.032	185.344	-150.00	-4.000	185.392	-2.00	332+0.000	185.472	185.106	0.366	4.000	185.392	-2.00	4.362	184.848	-150.00
-4.026	185.149	-150.00	-4.000	185.188	-2.00	333+0.000	185.268	184.911	0.357	4.000	185.188	-2.00	4.358	184.652	-150.00
-4.040	184.925	-150.00	-4.000	184.985	-2.00	334+0.000	185.065	184.670	0.394	4.000	184.985	-2.00	4.390	184.399	-150.00
-4.044	184.792	-150.00	-4.000	184.859	-2.00	335+0.000	184.939	184.535	0.404	4.000	184.859	-2.00	4.368	184.306	-150.00
-4.066	184.646	-150.00	-4.000	184.745	-2.00	336+0.000	184.825	184.388	0.436	4.000	184.745	-2.00	4.425	184.107	-150.00
-4.106	184.472	-150.00	-4.000	184.630	-2.00	337+0.000	184.710	184.216	0.495	4.000	184.630	-2.00	4.462	183.937	-150.00
-4.070	184.411	-150.00	-4.000	184.516	-2.00	338+0.000	184.596	184.151	0.445	4.000	184.516	-2.00	4.433	183.867	-150.00
-4.037	184.347	-150.00	-4.000	184.402	-2.00	339+0.000	184.482	184.095	0.387	4.000	184.402	-2.00	4.388	183.821	-150.00
-4.048	184.256	-150.00	-4.000	184.328	-2.00	340+0.000	184.408	184.027	0.382	4.000	184.328	-2.00	4.308	183.866	-150.00
-4.099	184.330	-150.00	-4.000	184.478	-2.00	341+0.000	184.558	184.184	0.374	4.000	184.478	-2.00	4.302	184.025	-150.00
-4.108	184.528	-150.00	-4.000	184.691	-2.00	342+0.000	184.771	184.383	0.389	4.000	184.691	-2.00	4.308	184.230	-150.00
-4.139	184.695	-150.00	-4.000	184.904	-2.00	343+0.000	184.984	184.559	0.425	4.000	184.904	-2.00	4.325	184.417	-150.00
-4.157	184.882	-150.00	-4.000	185.117	-2.00	344+0.000	185.197	184.758	0.439	4.000	185.117	-2.00	4.323	184.633	-150.00
-4.169	185.076	-150.00	-4.000	185.330	-2.00	345+0.000	185.410	185.006	0.404	4.000	185.330	-2.00	4.234	184.979	-150.00
-4.203	185.121	-150.00	-4.000	185.426	-2.00	346+0.000	185.506	185.105	0.401	4.000	185.426	-2.00	4.224	185.089	-150.00
-4.212	185.133	-150.00	-4.000	185.450	-2.00	347+0.000	185.530	185.124	0.406	4.000	185.450	-2.00	4.224	185.114	-150.00
-4.215	185.152	-150.00	-4.000	185.475	-2.00	348+0.000	185.555	185.152	0.403	4.000	185.475	-2.00	4.215	185.152	-150.00
-4.205	185.295	-150.00	-4.000	185.602	-2.00	349+0.000	185.682	185.328	0.354	4.000	185.602	-2.00	4.153	185.373	-150.00
-4.359	185.788	-150.00	-4.000	186.326	-2.00	350+0.000	186.406	185.871	0.535	4.000	186.326	-2.00	4.242	185.964	-150.00
-4.307	186.644	-150.00	-4.000	187.105	-2.00	351+0.000	187.185	186.715	0.470	4.000	187.105	-2.00	4.214	186.784	-150.00
-4.230	187.538	-150.00	-4.000	187.883	-2.00	352+0.000	187.963	187.614	0.349	4.000	187.883	-2.00	4.130	187.688	-150.00
-4.162	188.418	-150.00	-4.000	188.661	-2.00	353+0.000	188.741	188.465	0.276	4.000	188.661	-2.00	4.082	188.537	-150.00
-4.164	189.193	-150.00	-4.000	189.439	-2.00	354+0.000	189.519	189.256	0.263	4.000	189.439	-2.00	4.091	189.304	-150.00
-4.207	189.876	-150.00	-4.000	190.186	-2.00	355+0.000	190.266	189.901	0.365	4.000	190.186	-2.00	4.177	189.921	-150.00
-4.370	190.070	-150.00	-4.000	190.624	-2.00	356+0.000	190.704	190.113	0.591	4.000	190.624	-2.00	4.305	190.168	-150.00
-4.347	190.540	-150.00	-4.000	191.060	-2.00	357+0.000	191.140	190.628	0.512	4.000	191.060	-2.00	4.231	190.713	-150.00
-4.277	191.080	-150.00	-4.000	191.495	-2.00	358+0.000	191.575	191.172	0.403	4.000	191.495	-2.00	4.156	191.261	-150.00
-4.254	191.499	-150.00	-4.000	191.881	-2.00	359+0.000	191.961	191.622	0.339	4.000	191.881	-2.00	4.112	191.713	-150.00
-4.216	191.896	-150.00	-4.000	192.220	-2.00	360+0.000	192.300	191.998	0.302	4.000	192.220	-2.00	4.082	192.097	-150.00
-4.252	192.140	-150.00	-4.000	192.519	-2.00	361+0.000	192.599	192.242	0.358	4.000	192.519	-2.00	4.120	192.339	-150.00
-4.259	192.301	-150.00	-4.000	192.689	-2.00	362+0.000	192.769	192.411	0.358	4.000	192.689	-2.00	4.114	192.517	-150.00
-4.261	192.451	-150.00	-4.000	192.844	-2.00	363+0.000	192.924	192.519	0.405	4.000	192.844	-2.00	4.150	192.619	-150.00
-4.271	192.425	-150.00	-4.000	192.830	-2.00	364+0.000	192.910	192.514	0.396	4.000	192.830	-2.00	4.151	192.603	-150.00
-4.269	192.281	-150.00	-4.000	192.684	-2.00	365+0.000	192.764	192.353	0.412	4.000	192.684	-2.00	4.174	192.423	-150.00
-4.210	192.079	-150.00	-4.000	192.394	-2.00	366+0.000	192.474	192.103	0.371	4.000	192.394	-2.00	4.178	192.127	-150.00
-4.208	191.792	-150.00	-4.000	192.105	-2.00	367+0.000	192.185	191.826	0.358	4.000	192.105	-2.00	4.163	191.860	-150.00
-4.215	191.493	-150.00	-4.000	191.815	-2.00	368+0.000	191.895	191.492	0.403	4.000	191.815	-2.00	4.190	191.529	-150.00
-4.202	191.135	-150.00	-4.000	191.438	-2.00	369+0.000	191.518	191.144	0.374	4.000	191.438	-2.00	4.190	191.154	-150.00
-4.187	190.707	-150.00	-4.000	190.988	-2.00	370+0.000	191.068	190.729	0.339	4.000	190.988	-2.00	4.157	190.753	-150.00
-4.150	190.314	-150.00	-4.000	190.539	-2.00	371+0.000	190.619	190.268	0.351	4.000	190.539	-2.00	4.212	190.222	-150.00
-4.164	189.844	-150.00	-4.000	190.090	-2.00	372+0.000	190.170	189.805	0.365	4.000	190.090	-2.00	4.216	189.766	-150.00
-4.122	189.471	-150.00	-4.000	189.654	-2.00	373+0.000	189.734	189.341	0.393	4.000	189.654	-2.00	4.273	189.245	-150.00
-4.190	189.350	-150.00	-4.000	189.635	-2.00	374+0.000	189.715	189.249	0.466	4.000	189.635	-2.00	4.327	189.145	-150.00
-4.193	189.418	-150.00	-4.000	189.707	-2.00	375+0.000	189.787	189.253	0.534	4.000	189.707	-2.00	4.419	189.078	-150.00
-4.094	189.676	-150.00	-4.000	189.817	-2.00	376+0.000	189.897	189.506	0.391	4.000	189.817	-2.00	4.328	189.325	-150.00
-4.080	190.022	-150.00	-4.000	190.142	-2.00	377+0.000	190.222	189.840	0.382	4.000	190.142	-2.00	4.330	189.647	-150.00
-4.082	190.324	-150.00	-4.000	190.447	-2.00	378+0.000	190.527	190.143	0.384	4.000	190.447	-2.00	4.342	189.934	-150.00
-4.006	190.420	66.67	-4.000	190.416	-2.00	379+0.000	190.496	190.209	0.287	4.000	190.416	-2.00	4.289	189.983	-150.00
-4.106	190.203	-150.00	-4.000	190.361	-2.00	380+0.000	190.441	190.018	0.422	4.000	190.361	-2.00	4.359	189.823	-150.00
-4.104	189.963	-150.00	-4.000	190.120	-2.00	381+0.000	190.200	189.804	0.395	4.000	190.120	-2.00	4.323	189.635	-150.00
-4.154	189.648	-150.00	-4.000	189.878	-2.00	382+0.000	189.958	189.529	0.430	4.000	189.878	-2.00	4.315	189.406	-150.00
-4.164	189.499	-150.00	-4.000	189.745	-2.00	383+0.000	189.825	189.416	0.409	4.000	189.745	-2.00	4.291	189.309	-150.00
-4.175	189.530	-150.00	-4.000	189.793	-2.00	384+0.000	189.873	189.439	0.434	4.000	189.793	-2.00	4.299	189.345	-150.00
-4.157	189.605	-150.00	-4.000	189.840	-2.00	385+0.000	189.920	189.524	0.396	4.000	189.840	-2.00	4.278	189.424	-150.00
-4.137	189.636	-150.00	-4.000	189.842	-2.00	386+0.000	189.922	189.575	0.347	4.000	189.842	-2.00	4.220	189.512	-150.00
-4.156	189.593	-150.00	-4.000	189.828	-2.00	387+0.000	189.908	189.532	0.376	4.000	189.828	-2.00	4.247	189.457	-150.00
-4.198	189.436	-150.00	-4.000	189.733	-2.00	388+0.000	189.813	189.456	0.357	4.000	189.733	-2.00	4.181	189.461	-150.00
-4.206	189.273	-150.00	-4.000	189.581	-2.00	389+0.000	189.661	189.292	0.369	4.000	189.581	-2.00	4.180	189.311	-150.00
-4.218	189.035	-150.00	-4.000	189.362	-2.00	390+0.000	189.442	189.099	0.343	4.000	189.362	-2.00	4.161	189.121	-150.00
-4.251	188.599	-150.00	-4.000	188.975	-2.00	391+0.000	189.055	188.710	0.345	4.000	188.975	-2.00	4.106	188.816	-150.00
-4.259	188.199	-150.00	-4.000	188.588	-2.00	392+0.000	188.668	188.349	0.319	4.000	188.588	-2.00	4.121	188.407	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria de Obras/SMAS

-4.293	187.710	-150.00	-4.000	188.150	-2.00	393+0.000	188.230	187.922	0.309	4.000	188.150	-2.00	4.027	188.110	-150.00
-4.365	187.149	-150.00	-4.000	187.696	-2.00	394+0.000	187.776	187.366	0.410	4.000	187.696	-2.00	4.086	187.567	-150.00
-4.369	186.391	-150.00	-4.000	186.944	-2.00	395+0.000	187.024	186.657	0.368	4.000	186.944	-2.00	4.051	186.867	-150.00
-4.449	185.503	-150.00	-4.000	186.177	-2.00	396+0.000	186.257	185.831	0.425	4.000	186.177	-2.00	4.030	186.132	-150.00
-4.362	184.761	-150.00	-4.000	185.304	-2.00	397+0.000	185.384	184.974	0.409	4.000	185.304	-2.00	4.087	185.174	-150.00
-4.577	183.564	-150.00	-4.000	184.430	-2.00	398+0.000	184.510	183.927	0.583	4.000	184.430	-2.00	4.118	184.253	-150.00
-4.514	182.785	-150.00	-4.000	183.556	-2.00	399+0.000	183.636	183.145	0.491	4.000	183.556	-2.00	4.058	183.469	-150.00
-4.438	181.839	-150.00	-4.000	182.496	-2.00	400+0.000	182.576	182.132	0.444	4.000	182.496	-2.00	4.063	182.401	-150.00
-4.426	180.607	-150.00	-4.000	181.246	-2.00	401+0.000	181.326	180.901	0.425	4.000	181.246	-2.00	4.051	181.169	-150.00
-4.443	179.332	-150.00	-4.000	179.996	-2.00	402+0.000	180.076	179.633	0.443	4.000	179.996	-2.00	4.056	179.912	-150.00
-4.440	178.087	-150.00	-4.000	178.746	-2.00	403+0.000	178.826	178.375	0.451	4.000	178.746	-2.00	4.060	178.656	-150.00
-4.417	177.003	-150.00	-4.000	177.629	-2.00	404+0.000	177.709	177.282	0.427	4.000	177.629	-2.00	4.060	177.538	-150.00
-4.388	175.988	-150.00	-4.000	176.570	-2.00	405+0.000	176.650	176.228	0.423	4.000	176.570	-2.00	4.066	176.472	-150.00
-4.416	175.278	-150.00	-4.000	175.902	-2.00	406+0.000	175.982	175.531	0.451	4.000	175.902	-2.00	4.091	175.766	-150.00
-4.360	174.814	-150.00	-4.000	175.354	-2.00	407+0.000	175.434	175.034	0.399	4.000	175.354	-2.00	4.076	175.240	-150.00
-4.365	174.503	-150.00	-4.000	175.050	-2.00	408+0.000	175.130	174.741	0.389	4.000	175.050	-2.00	4.058	174.963	-150.00
-4.347	174.250	-150.00	-4.000	174.770	-2.00	409+0.000	174.850	174.458	0.393	4.000	174.770	-2.00	4.078	174.653	-150.00
-4.352	173.962	-150.00	-4.000	174.490	-2.00	410+0.000	174.570	174.165	0.405	4.000	174.490	-2.00	4.096	174.346	-150.00
-4.344	173.335	-150.00	-4.000	173.851	-2.00	411+0.000	173.931	173.501	0.431	4.000	173.851	-2.00	4.112	173.682	-150.00
-4.333	172.500	-150.00	-4.000	173.000	-2.00	412+0.000	173.080	172.641	0.439	4.000	173.000	-2.00	4.127	172.809	-150.00
-4.277	171.733	-150.00	-4.000	172.148	-2.00	413+0.000	172.228	171.820	0.408	4.000	172.148	-2.00	4.162	171.905	-150.00
-4.317	170.856	-150.00	-4.000	171.332	-2.00	414+0.000	171.412	170.945	0.467	4.000	171.332	-2.00	4.200	171.032	-150.00
-4.318	170.134	-150.00	-4.000	170.611	-2.00	415+0.000	170.691	170.198	0.493	4.000	170.611	-2.00	4.233	170.261	-150.00
-4.282	169.466	-150.00	-4.000	169.890	-2.00	416+0.000	169.970	169.556	0.414	4.000	169.890	-2.00	4.165	169.642	-150.00
-4.178	169.467	-150.00	-4.000	169.734	-2.00	417+0.000	169.814	169.457	0.358	4.000	169.734	-2.00	4.192	169.446	-150.00
-4.178	169.534	-150.00	-4.000	169.801	-2.00	418+0.000	169.881	169.502	0.379	4.000	169.801	-2.00	4.207	169.491	-150.00
-4.116	169.964	-150.00	-4.000	170.138	-2.00	419+0.000	170.218	169.898	0.320	4.000	170.138	-2.00	4.206	169.830	-150.00
-4.093	170.376	-150.00	-4.000	170.516	-2.00	420+0.000	170.596	170.243	0.352	4.000	170.516	-2.00	4.246	170.146	-150.00
-4.008	171.126	-150.00	-4.000	171.138	-2.00	421+0.000	171.218	170.960	0.259	4.000	171.138	-2.00	4.253	170.759	-150.00
-4.042	171.704	-150.00	-4.000	171.768	-2.00	422+0.000	171.848	171.466	0.381	4.000	171.768	-2.00	4.373	171.209	-150.00
-4.030	172.352	-150.00	-4.000	172.397	-2.00	423+0.000	172.477	172.117	0.360	4.000	172.397	-2.00	4.356	171.863	-150.00
-4.062	173.019	66.67	-4.000	172.978	-2.00	424+0.000	173.058	172.707	0.351	4.000	172.978	-2.00	4.406	172.369	-150.00
-4.170	173.532	66.67	-4.000	173.419	-2.00	425+0.000	173.499	173.208	0.291	4.000	173.419	-2.00	4.367	172.868	-150.00
-4.007	173.866	66.67	-4.000	173.861	-2.00	426+0.000	173.941	173.580	0.361	4.000	173.861	-2.00	4.396	173.267	-150.00
-4.015	174.479	-150.00	-4.000	174.501	-2.00	427+0.000	174.581	174.208	0.372	4.000	174.501	-2.00	4.385	173.923	-150.00
-4.045	174.933	-150.00	-4.000	175.000	-2.00	428+0.000	175.080	174.699	0.381	4.000	175.000	-2.00	4.369	174.447	-150.00
-4.059	175.359	-150.00	-4.000	175.447	-2.00	429+0.000	175.527	175.149	0.378	4.000	175.447	-2.00	4.349	174.923	-150.00
-4.050	175.603	-150.00	-4.000	175.679	-2.00	430+0.000	175.759	175.388	0.370	4.000	175.679	-2.00	4.327	175.189	-150.00
-4.071	175.771	-150.00	-4.000	175.878	-2.00	431+0.000	175.958	175.619	0.339	4.000	175.878	-2.00	4.279	175.459	-150.00
-4.092	175.939	-150.00	-4.000	176.077	-2.00	432+0.000	176.157	175.787	0.370	4.000	176.077	-2.00	4.300	175.627	-150.00
-4.087	176.192	-150.00	-4.000	176.322	-2.00	433+0.000	176.402	176.034	0.368	4.000	176.322	-2.00	4.302	175.868	-150.00
-4.115	176.483	-150.00	-4.000	176.656	-2.00	434+0.000	176.736	176.365	0.371	4.000	176.656	-2.00	4.261	176.264	-150.00
-4.134	176.636	-150.00	-4.000	176.838	-2.00	435+0.000	176.918	176.553	0.365	4.000	176.838	-2.00	4.247	176.468	-150.00
-4.177	176.579	-150.00	-4.000	176.844	-2.00	436+0.000	176.924	176.525	0.399	4.000	176.844	-2.00	4.249	176.470	-150.00
-4.210	176.208	-150.00	-4.000	176.522	-2.00	437+0.000	176.602	176.145	0.457	4.000	176.522	-2.00	4.294	176.081	-150.00
-4.247	175.447	-150.00	-4.000	175.818	-2.00	438+0.000	175.898	175.441	0.457	4.000	175.818	-2.00	4.253	175.438	-150.00
-4.259	174.607	-150.00	-4.000	174.995	-2.00	439+0.000	175.075	174.612	0.462	4.000	174.995	-2.00	4.254	174.613	-150.00
-4.293	173.733	-150.00	-4.000	174.172	-2.00	440+0.000	174.252	173.740	0.512	4.000	174.172	-2.00	4.283	173.747	-150.00
-4.232	173.001	-150.00	-4.000	173.349	-2.00	441+0.000	173.429	172.951	0.478	4.000	173.349	-2.00	4.297	172.903	-150.00
-4.229	172.182	-150.00	-4.000	172.526	-2.00	442+0.000	172.606	172.179	0.427	4.000	172.526	-2.00	4.233	172.176	-150.00
-4.186	171.835	-150.00	-4.000	172.114	-2.00	443+0.000	172.194	171.782	0.412	4.000	172.114	-2.00	4.236	171.759	-150.00
-4.206	171.669	-150.00	-4.000	171.978	-2.00	444+0.000	172.058	171.595	0.463	4.000	171.978	-2.00	4.305	171.520	-150.00
-4.159	171.603	-150.00	-4.000	171.842	-2.00	445+0.000	171.922	171.521	0.401	4.000	171.842	-2.00	4.249	171.468	-150.00
-4.101	171.667	-150.00	-4.000	171.818	-2.00	446+0.000	171.898	171.561	0.338	4.000	171.818	-2.00	4.245	171.451	-150.00
-4.085	171.873	66.67	-4.000	171.816	-2.00	447+0.000	171.896	171.719	0.177	4.000	171.816	-2.00	4.169	171.562	-150.00
-4.060	171.724	-150.00	-4.000	171.814	-2.00	448+0.000	171.894	171.533	0.361	4.000	171.814	-2.00	4.323	171.329	-150.00
-4.125	171.487	-150.00	-4.000	171.675	-2.00	449+0.000	171.755	171.319	0.436	4.000	171.675	-2.00	4.337	171.170	-150.00
-4.096	171.365	-150.00	-4.000	171.509	-2.00	450+0.000	171.589	171.190	0.400	4.000	171.509	-2.00	4.337	171.005	-150.00
-4.137	171.211	-150.00	-4.000	171.416	-2.00	451+0.000	171.496	171.007	0.489	4.000	171.416	-2.00	4.418	170.789	-150.00
-4.081	171.244	-150.00	-4.000	171.365	-2.00	452+0.000	171.445	171.056	0.389	4.000	171.365	-2.00	4.339	170.856	-150.00
-4.084	171.335	-150.00	-4.000	171.460	-2.00	453+0.000	171.540	171.168	0.372	4.000	171.460	-2.00	4.312	170.992	-150.00
-4.057	171.479	-150.00	-4.000	171.564	-2.00	454+0.000	171.644	171.326	0.319	4.000	171.564	-2.00	4.267	171.164	-150.00
-4.115	171.499	-150.00	-4.000	171.671	-2.00	455+0.000	171.751	171.382	0.369	4.000	171.671	-2.00	4.273	171.261	-150.00
-4.189	171.511	-150.00	-4.000	171.795	-2.00	456+0.000	171.875	171.451	0.424	4.000	171.795	-2.00	4.273	171.385	-150.00
-4.179	171.159	-150.00	-4.000	171.428	-2.00	457+0.000	171.508	171.081	0.427	4.000	171.428	-2.00	4.285	171.001	-150.00
-4.236	170.480	-150.00	-4.000	170.833	-2.00	458+0.000	170.913	170.461	0.452	4.000	170.833	-2.00	4.261	170.442	-150.00
-4.169	169.545	-150.00	-4.000	169.798	-2.00	459+0.000	169.878	169.533	0.345	4.000	169.798	-2.00	4.185	169.521	-150.00
-4.201	168.463	-150.00	-4.000	168.764	-2.00	460+0.000	168.844	168.479	0.364	4.000	168.764	-2.00	4.201	168.462	-150.00
-4.238	167.373	-150.00	-4.000	167.729	-2.00	461+0.000	167.809	167.374	0.435	4.000	167.729	-2.00	4.238	167.373	-150.00
-4.250	166.349	-150.00	-4.000	166.724	-2.00	462+0.000	166.804	166.363	0.441	4.000	166.724	-2.00	4.231	166.377	-150.00
-4.191	165.642	-150.00	-4.000	165.929	-2.00	463+0.000	166.009	165.620	0.389	4.000	165.929	-2.00	4.221	165.598	-150.00
-4.175	165.146	-150.00	-4.000	165.408	-2.00	464+0.000	165.488	165.119	0.369	4.000	165.408	-2.00	4.212	165.089	-150.00
-4.202	164.951	-150.00	-4.000	165.254	-2.00	465+0.000	165.334	164.924	0.410	4.000	165.254	-2.00	4.238	164.897	-150.00
-4.184	164.959	-150.00	-4.000	165.234	-2.00	466+0.000	165.314	164.933	0.381	4.000	165.234	-2.00	4.211	164.918	-150.00
-4.171	165.318	-150.00	-4.000	165.575	-2.00	467+0.000	165.655	165.306	0.349	4.000	165.575	-2.00	4.191	165.288	-150.00
-4.138	166.020	-150.00	-4.000	166.226	-2.00	468+0.000	166.306	165.982	0.325	4.000	166.226	-2.00	4.189	165.943	-150.00
-4.154	167.136	-150.00	-4.000	167.366	-2.00	469+0.000	167.446	167.115	0.331	4.000	167.366	-2.00	4.181	167.094	-150.00
-4.178	168.556	-150.00	-4.000	168.822	-2.00	470+0.000	168.902	168.532	0.370	4.000	168.822	-2.00	4.209	168.509	-150.00
-4.174	170.149	-150.00	-4.000	170.410	-2.00	471+0.000	170.490	170.126	0.364	4.000	170.410	-2.00	4.222	170.076	-150.00
-4.117	171.822	-150.00	-4.000	171.997	-2.00	472+0.000	172.077	171.760	0.317	4.000	171.997	-2.00	4.201	171.696	-150.00

Osvaldo Leonardo da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Sucab

-4.077	173.276	-150.00	-4.000	173.391	-2.00	473+0.000	173.471	173.187	0.284	4.000	173.391	-2.00	4.198	173.095	-150.00
-4.104	174.507	-150.00	-4.000	174.663	-2.00	474+0.000	174.743	174.393	0.350	4.000	174.663	-2.00	4.259	174.274	-150.00
-4.099	175.490	-150.00	-4.000	175.639	-2.00	475+0.000	175.719	175.372	0.346	4.000	175.639	-2.00	4.285	175.211	-150.00
-4.085	176.243	-150.00	-4.000	176.371	-2.00	476+0.000	176.451	176.046	0.404	4.000	176.371	-2.00	4.356	175.837	-150.00
-4.064	176.484	-150.00	-4.000	176.581	-2.00	477+0.000	176.661	176.270	0.391	4.000	176.581	-2.00	4.361	176.040	-150.00
-4.071	176.446	-150.00	-4.000	176.553	-2.00	478+0.000	176.633	176.230	0.403	4.000	176.553	-2.00	4.370	175.998	-150.00
-4.073	176.416	-150.00	-4.000	176.525	-2.00	479+0.000	176.605	176.213	0.392	4.000	176.525	-2.00	4.352	175.997	-150.00
-4.059	176.281	-150.00	-4.000	176.370	-2.00	480+0.000	176.450	176.068	0.382	4.000	176.370	-2.00	4.354	175.839	-150.00
-4.064	176.027	-150.00	-4.000	176.123	-2.00	481+0.000	176.203	175.806	0.397	4.000	176.123	-2.00	4.370	175.568	-150.00
-4.053	175.638	-150.00	-4.000	175.718	-2.00	482+0.000	175.798	175.427	0.371	4.000	175.718	-2.00	4.353	175.189	-150.00
-4.050	175.210	-150.00	-4.000	175.284	-2.00	483+0.000	175.364	174.989	0.375	4.000	175.284	-2.00	4.356	174.750	-150.00
-4.094	174.709	-150.00	-4.000	174.850	-2.00	484+0.000	174.930	174.495	0.435	4.000	174.850	-2.00	4.389	174.266	-150.00
-4.110	174.288	-150.00	-4.000	174.453	-2.00	485+0.000	174.533	174.080	0.453	4.000	174.453	-2.00	4.388	173.872	-150.00
-4.092	174.002	-150.00	-4.000	174.140	-2.00	486+0.000	174.220	173.791	0.429	4.000	174.140	-2.00	4.393	173.551	-150.00
-4.085	173.698	-150.00	-4.000	173.826	-2.00	487+0.000	173.906	173.505	0.401	4.000	173.826	-2.00	4.370	173.270	-150.00
-4.079	173.405	-150.00	-4.000	173.524	-2.00	488+0.000	173.604	173.189	0.415	4.000	173.524	-2.00	4.361	172.983	-150.00
-4.080	173.415	-150.00	-4.000	173.535	-2.00	489+0.000	173.615	173.192	0.423	4.000	173.535	-2.00	4.388	172.954	-150.00
-4.100	173.446	-150.00	-4.000	173.596	-2.00	490+0.000	173.676	173.257	0.419	4.000	173.596	-2.00	4.360	173.057	-150.00
-4.068	173.556	-150.00	-4.000	173.657	-2.00	491+0.000	173.737	173.362	0.375	4.000	173.657	-2.00	4.335	173.155	-150.00
-4.086	173.371	-150.00	-4.000	173.501	-2.00	492+0.000	173.581	173.206	0.375	4.000	173.501	-2.00	4.313	173.031	-150.00
-4.069	173.142	-150.00	-4.000	173.245	-2.00	493+0.000	173.325	172.925	0.401	4.000	173.245	-2.00	4.329	172.752	-150.00
-4.142	172.409	-150.00	-4.000	172.622	-2.00	494+0.000	172.702	172.200	0.502	4.000	172.622	-2.00	4.430	171.977	-150.00
-4.120	171.546	-150.00	-4.000	171.726	-2.00	495+0.000	171.806	171.363	0.443	4.000	171.726	-2.00	4.371	171.169	-150.00
-4.117	170.519	-150.00	-4.000	170.695	-2.00	496+0.000	170.775	170.327	0.448	4.000	170.695	-2.00	4.375	170.132	-150.00
-4.107	169.491	-150.00	-4.000	169.651	-2.00	497+0.000	169.731	169.289	0.442	4.000	169.651	-2.00	4.398	169.055	-150.00
-4.126	168.338	-150.00	-4.000	168.527	-2.00	498+0.000	168.607	168.154	0.452	4.000	168.527	-2.00	4.378	167.960	-150.00
-4.105	166.964	-150.00	-4.000	167.122	-2.00	499+0.000	167.202	166.831	0.371	4.000	167.122	-2.00	4.287	166.691	-150.00
-4.035	165.687	-150.00	-4.000	165.739	-2.00	500+0.000	165.819	165.622	0.196	4.000	165.739	-2.00	4.121	165.557	-150.00
-4.055	164.601	-150.00	-4.000	164.683	-2.00	501+0.000	164.763	164.504	0.259	4.000	164.683	-2.00	4.186	164.403	-150.00
-4.101	163.839	-150.00	-4.000	163.991	-2.00	502+0.000	164.071	163.771	0.300	4.000	163.991	-2.00	4.192	163.702	-150.00
-4.208	163.351	-150.00	-4.000	163.662	-2.00	503+0.000	163.742	163.258	0.485	4.000	163.662	-2.00	4.320	163.183	-150.00
-4.094	163.555	-150.00	-4.000	163.697	-2.00	504+0.000	163.777	163.516	0.261	4.000	163.697	-2.00	4.148	163.475	-150.00
-4.046	164.026	-150.00	-4.000	164.095	-2.00	505+0.000	164.175	163.992	0.183	4.000	164.095	-2.00	4.092	163.957	-150.00
-4.047	164.786	-150.00	-4.000	164.856	-2.00	506+0.000	164.936	164.853	0.083	4.000	164.856	-2.00	4.081	164.910	66.67
-4.116	165.695	-150.00	-4.000	165.869	-2.00	507+0.000	165.949	165.763	0.186	4.000	165.869	-2.00	4.014	165.848	-150.00
-4.096	166.746	-150.00	-4.000	166.890	-2.00	508+0.000	166.970	166.860	0.110	4.000	166.890	-2.00	4.129	166.976	66.67
-4.151	167.685	-150.00	-4.000	167.911	-2.00	509+0.000	167.991	167.812	0.179	4.000	167.911	-2.00	4.082	167.966	66.67
-4.151	168.706	-150.00	-4.000	168.932	-2.00	510+0.000	169.012	168.868	0.144	4.000	168.932	-2.00	4.147	169.031	66.67
-4.315	169.481	-150.00	-4.000	169.953	-2.00	511+0.000	170.033	169.699	0.334	4.000	169.953	-2.00	4.039	169.895	-150.00
-4.464	170.257	-150.00	-4.000	170.953	-2.00	512+0.000	171.033	170.502	0.531	4.000	170.953	-2.00	4.149	170.729	-150.00
-4.376	171.190	-150.00	-4.000	171.753	-2.00	513+0.000	171.833	171.407	0.426	4.000	171.753	-2.00	4.109	171.589	-150.00
-4.343	171.944	-150.00	-4.000	172.459	-2.00	514+0.000	172.539	172.184	0.356	4.000	172.459	-2.00	4.035	172.406	-150.00
-4.338	172.634	-150.00	-4.000	173.141	-2.00	515+0.000	173.221	172.873	0.348	4.000	173.141	-2.00	4.067	173.041	-150.00
-4.340	173.000	-150.00	-4.000	173.509	-2.00	516+0.000	173.589	173.182	0.407	4.000	173.509	-2.00	4.103	173.355	-150.00
-4.340	173.285	-150.00	-4.000	173.795	-2.00	517+0.000	173.875	173.467	0.407	4.000	173.795	-2.00	4.103	173.640	-150.00
-4.404	173.307	-150.00	-4.000	173.913	-2.00	518+0.000	173.993	173.506	0.487	4.000	173.913	-2.00	4.147	173.693	-150.00
-4.462	173.226	-150.00	-4.000	173.919	-2.00	519+0.000	173.999	173.433	0.566	4.000	173.919	-2.00	4.194	173.628	-150.00
-4.381	173.387	-150.00	-4.000	173.959	-2.00	520+0.000	174.039	173.634	0.405	4.000	173.959	-2.00	4.094	173.818	-150.00
-4.455	173.469	-150.00	-4.000	174.151	-2.00	521+0.000	174.231	173.723	0.508	4.000	174.151	-2.00	4.155	173.919	-150.00
-4.486	173.614	-150.00	-4.000	174.343	-2.00	522+0.000	174.423	173.864	0.560	4.000	174.343	-2.00	4.219	174.015	-150.00
-4.473	173.826	-150.00	-4.000	174.536	-2.00	523+0.000	174.616	174.065	0.551	4.000	174.536	-2.00	4.210	174.221	-150.00
-4.434	174.077	-150.00	-4.000	174.728	-2.00	524+0.000	174.808	174.272	0.537	4.000	174.728	-2.00	4.206	174.419	-150.00
-4.382	174.348	-150.00	-4.000	174.920	-2.00	525+0.000	175.000	174.500	0.501	4.000	174.920	-2.00	4.184	174.645	-150.00
-4.331	174.617	-150.00	-4.000	175.113	-2.00	526+0.000	175.193	174.783	0.410	4.000	175.113	-2.00	4.123	174.928	-150.00
-4.332	174.807	-150.00	-4.000	175.305	-2.00	527+0.000	175.385	175.006	0.379	4.000	175.305	-2.00	4.076	175.191	-150.00
-4.303	175.043	-150.00	-4.000	175.497	-2.00	528+0.000	175.577	175.241	0.337	4.000	175.497	-2.00	4.048	175.426	-150.00
-4.376	175.126	-150.00	-4.000	175.690	-2.00	529+0.000	175.770	175.394	0.375	4.000	175.690	-2.00	4.032	175.642	-150.00
-4.369	175.329	-150.00	-4.000	175.882	-2.00	530+0.000	175.962	175.597	0.365	4.000	175.882	-2.00	4.025	175.844	-150.00
-4.549	175.250	-150.00	-4.000	176.074	-2.00	531+0.000	176.154	175.644	0.510	4.000	176.074	-2.00	4.039	176.016	-150.00
-4.528	175.462	-150.00	-4.000	176.253	-2.00	532+0.000	176.333	175.879	0.454	4.000	176.253	-2.00			
-4.514	175.388	-150.00	-4.000	176.158	-2.00	533+0.000	176.238	175.829	0.410	4.000	176.158	-2.00	4.107	176.230	66.67
-4.505	174.930	-150.00	-4.000	175.687	-2.00	534+0.000	175.767	175.353	0.414	4.000	175.687	-2.00	4.078	175.739	66.67
-4.453	174.293	-150.00	-4.000	174.973	-2.00	535+0.000	175.053	174.696	0.357	4.000	174.973	-2.00	4.148	175.072	66.67
-4.478	173.587	-150.00	-4.000	174.305	-2.00	536+0.000	174.385	173.973	0.411	4.000	174.305	-2.00	4.024	174.320	66.67
-4.444	172.904	-150.00	-4.000	173.569	-2.00	537+0.000	173.649	173.218	0.431	4.000	173.569	-2.00	4.043	173.505	-150.00
-4.410	172.495	-150.00	-4.000	173.111	-2.00	538+0.000	173.191	172.788	0.403	4.000	173.111	-2.00	4.041	173.049	-150.00
-4.388	172.122	-150.00	-4.000	172.704	-2.00	539+0.000	172.784	172.395	0.389	4.000	172.704	-2.00	4.039	172.646	-150.00
-4.359	171.998	-150.00	-4.000	172.536	-2.00	540+0.000	172.616	172.234	0.381	4.000	172.536	-2.00	4.053	172.456	-150.00
-4.346	171.874	-150.00	-4.000	172.393	-2.00	541+0.000	172.473	172.062	0.412	4.000	172.393	-2.00	4.102	172.240	-150.00
-4.350	171.775	-150.00	-4.000	172.299	-2.00	542+0.000	172.379	171.949	0.430	4.000	172.299	-2.00	4.128	172.108	-150.00
-4.337	171.700	-150.00	-4.000	172.205	-2.00	543+0.000	172.285	171.849	0.436	4.000	172.205	-2.00	4.142	171.992	-150.00
-4.276	171.697	-150.00	-4.000	172.111	-2.00	544+0.000	172.191	171.768	0.423	4.000	172.111	-2.00	4.147	171.891	-150.00
-4.251	171.640	-150.00	-4.000	172.017	-2.00	545+0.000	172.097	171.695	0.402	4.000	172.017	-2.00	4.179	171.749	-150.00
-4.227	171.426	-150.00	-4.000	171.766	-2.00	546+0.000	171.846	171.438	0.408	4.000	171.766	-2.00	4.210	171.451	-150.00
-4.219	170.979	-150.00	-4.000	171.308	-2.00	547+0.000	171.388	170.985	0.403	4.000	171.308	-2.00	4.167	171.057	-150.00
-4.200	170.550	-150.00	-4.000	170.849	-2.00	548+0.000	170.929	170.516	0.413	4.000	170.849	-2.00	4.245	170.482	-150.00
-4.216	170.066	-150.00	-4.000	170.390	-2.00	549+0.000	170.470	170.045	0.426	4.000	170.390	-2.00	4.245	170.023	-150.00
-4.221	169.653	-150.00	-4.000	169.985	-2.00	550+0.000	170.065	169.665	0.400	4.000	169.985	-2.00	4.205	169.677	-150.00
-4.239	169.470	-150.00	-4.000	169.829	-2.00	551+0.000	169.909	169.497	0.413	4.000	169.829	-2.00	4.204	169.523	-150.00
-4.224	169.448	-150.00	-4.000	169.785	-2.00	552+0.000	169.865	169.489	0.375	4.000	169.785	-2.00	4.169	169.531	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPRO
Secretaria das Cidades/PE

-4.191	169.906	-150.00	-4.000	170.193	-2.00	553+0.000	170.273	169.926	0.346	4.000	170.193	-2.00	4.163	169.948	-150.00
-4.191	170.491	-150.00	-4.000	170.777	-2.00	554+0.000	170.857	170.507	0.350	4.000	170.777	-2.00	4.181	170.505	-150.00
-4.208	171.168	-150.00	-4.000	171.479	-2.00	555+0.000	171.559	171.184	0.375	4.000	171.479	-2.00	4.186	171.201	-150.00
-4.141	171.868	-150.00	-4.000	172.080	-2.00	556+0.000	172.160	171.793	0.367	4.000	172.080	-2.00	4.243	171.715	-150.00
-4.147	172.263	-150.00	-4.000	172.483	-2.00	557+0.000	172.563	172.184	0.379	4.000	172.483	-2.00	4.253	172.104	-150.00
-4.184	172.504	-150.00	-4.000	172.781	-2.00	558+0.000	172.861	172.422	0.438	4.000	172.781	-2.00	4.295	172.338	-150.00
-4.218	172.750	-150.00	-4.000	173.078	-2.00	559+0.000	173.158	172.667	0.491	4.000	173.078	-2.00	4.331	172.582	-150.00
-4.200	173.075	-150.00	-4.000	173.375	-2.00	560+0.000	173.455	172.981	0.474	4.000	173.375	-2.00	4.327	172.885	-150.00
-4.134	173.471	-150.00	-4.000	173.672	-2.00	561+0.000	173.752	173.382	0.371	4.000	173.672	-2.00	4.255	173.290	-150.00
-4.192	173.993	-150.00	-4.000	174.281	-2.00	562+0.000	174.361	173.907	0.454	4.000	174.281	-2.00	4.308	173.818	-150.00
-4.189	174.622	-150.00	-4.000	174.906	-2.00	563+0.000	174.986	174.563	0.424	4.000	174.906	-2.00	4.270	174.502	-150.00
-4.185	175.255	-150.00	-4.000	175.532	-2.00	564+0.000	175.612	175.227	0.385	4.000	175.532	-2.00	4.222	175.199	-150.00
-4.250	175.741	-150.00	-4.000	176.116	-2.00	565+0.000	176.196	175.802	0.394	4.000	176.116	-2.00	4.168	175.864	-150.00
-4.312	176.076	-150.00	-4.000	176.544	-2.00	566+0.000	176.624	176.125	0.499	4.000	176.544	-2.00	4.236	176.190	-150.00
-4.314	176.501	-150.00	-4.000	176.972	-2.00	567+0.000	177.052	176.607	0.445	4.000	176.972	-2.00	4.193	176.682	-150.00
-4.301	176.948	-150.00	-4.000	177.400	-2.00	568+0.000	177.480	177.052	0.428	4.000	177.400	-2.00	4.164	177.153	-150.00
-4.366	177.278	-150.00	-4.000	177.828	-2.00	569+0.000	177.908	177.423	0.484	4.000	177.828	-2.00	4.177	177.562	-150.00
-4.314	177.784	-150.00	-4.000	178.256	-2.00	570+0.000	178.336	177.938	0.398	4.000	178.256	-2.00	4.114	178.084	-150.00
-4.359	178.195	-150.00	-4.000	178.733	-2.00	571+0.000	178.813	178.379	0.434	4.000	178.733	-2.00	4.120	178.553	-150.00
-4.414	178.618	-150.00	-4.000	179.240	-2.00	572+0.000	179.320	178.796	0.524	4.000	179.240	-2.00	4.184	178.964	-150.00
-4.316	179.271	-150.00	-4.000	179.746	-2.00	573+0.000	179.826	179.454	0.372	4.000	179.746	-2.00	4.093	179.606	-150.00
-4.305	180.008	-150.00	-4.000	180.466	-2.00	574+0.000	180.546	180.175	0.371	4.000	180.466	-2.00	4.089	180.333	-150.00
-4.354	180.964	-150.00	-4.000	181.496	-2.00	575+0.000	181.576	181.164	0.412	4.000	181.496	-2.00	4.091	181.360	-150.00
-4.311	182.060	-150.00	-4.000	182.526	-2.00	576+0.000	182.606	182.267	0.339	4.000	182.526	-2.00	4.044	182.460	-150.00
-4.265	183.159	-150.00	-4.000	183.557	-2.00	577+0.000	183.637	183.404	0.233	4.000	183.557	-2.00	4.127	183.641	66.67
-4.319	184.109	-150.00	-4.000	184.587	-2.00	578+0.000	184.667	184.359	0.309	4.000	184.587	-2.00			
-4.369	184.952	-150.00	-4.000	185.506	-2.00	579+0.000	185.586	185.170	0.416	4.000	185.506	-2.00	4.030	185.461	-150.00
-4.391	185.775	-150.00	-4.000	186.362	-2.00	580+0.000	186.442	186.007	0.435	4.000	186.362	-2.00	4.042	186.299	-150.00
-4.403	186.613	-150.00	-4.000	187.217	-2.00	581+0.000	187.297	186.887	0.410	4.000	187.217	-2.00	4.039	187.159	-150.00
-4.395	187.480	-150.00	-4.000	188.072	-2.00	582+0.000	188.152	187.725	0.427	4.000	188.072	-2.00	4.067	187.972	-150.00
-4.344	188.411	-150.00	-4.000	188.927	-2.00	583+0.000	189.007	188.653	0.354	4.000	188.927	-2.00	4.033	188.878	-150.00
-4.406	189.053	-150.00	-4.000	189.663	-2.00	584+0.000	189.743	189.325	0.417	4.000	189.663	-2.00	4.058	189.576	-150.00
-4.397	189.743	-150.00	-4.000	190.339	-2.00	585+0.000	190.419	190.039	0.380	4.000	190.339	-2.00	4.045	190.271	-150.00
-4.443	189.753	-150.00	-4.000	190.418	-2.00	586+0.000	190.498	190.067	0.431	4.000	190.418	-2.00	4.044	190.353	-150.00
-4.393	189.813	-150.00	-4.000	190.402	-2.00	587+0.000	190.482	190.069	0.413	4.000	190.402	-2.00	4.059	190.314	-150.00
-4.356	189.580	-150.00	-4.000	190.113	-2.00	588+0.000	190.193	189.794	0.399	4.000	190.113	-2.00	4.079	189.995	-150.00
-4.355	189.291	-150.00	-4.000	189.824	-2.00	589+0.000	189.904	189.460	0.443	4.000	189.824	-2.00	4.143	189.609	-150.00
-4.410	188.919	-150.00	-4.000	189.534	-2.00	590+0.000	189.614	189.031	0.583	4.000	189.534	-2.00	4.262	189.140	-150.00
-4.264	188.851	-150.00	-4.000	189.247	-2.00	591+0.000	189.327	188.958	0.369	4.000	189.247	-2.00	4.131	189.051	-150.00
-4.185	189.437	-150.00	-4.000	189.715	-2.00	592+0.000	189.795	189.436	0.359	4.000	189.715	-2.00	4.187	189.435	-150.00
-4.241	190.418	-150.00	-4.000	190.780	-2.00	593+0.000	190.860	190.416	0.444	4.000	190.780	-2.00	4.246	190.411	-150.00
-4.219	191.515	-150.00	-4.000	191.844	-2.00	594+0.000	191.924	191.464	0.460	4.000	191.844	-2.00	4.288	191.413	-150.00
-4.153	192.680	-150.00	-4.000	192.909	-2.00	595+0.000	192.989	192.630	0.359	4.000	192.909	-2.00	4.220	192.579	-150.00
-4.129	193.537	-150.00	-4.000	193.731	-2.00	596+0.000	193.811	193.447	0.364	4.000	193.731	-2.00	4.264	193.336	-150.00
-4.106	193.969	-150.00	-4.000	194.129	-2.00	597+0.000	194.209	193.887	0.322	4.000	194.129	-2.00	4.217	193.803	-150.00
-4.092	194.388	-150.00	-4.000	194.526	-2.00	598+0.000	194.606	194.276	0.330	4.000	194.526	-2.00	4.246	194.157	-150.00
-4.119	194.745	-150.00	-4.000	194.924	-2.00	599+0.000	195.004	194.639	0.365	4.000	194.924	-2.00	4.262	194.530	-150.00
-4.123	195.161	-150.00	-4.000	195.346	-2.00	600+0.000	195.426	195.084	0.343	4.000	195.346	-2.00	4.263	194.952	-150.00
-4.084	195.645	-150.00	-4.000	195.771	-2.00	601+0.000	195.851	195.552	0.299	4.000	195.771	-2.00	4.211	195.455	-150.00
-4.050	196.120	-150.00	-4.000	196.195	-2.00	602+0.000	196.275	196.023	0.252	4.000	196.195	-2.00	4.181	195.923	-150.00
			-4.000	196.620	-2.00	603+0.000	196.700	196.530	0.170	4.000	196.620	-2.00	4.165	196.373	-150.00
-4.015	197.022	-150.00	-4.000	197.044	-2.00	604+0.000	197.124	196.840	0.284	4.000	197.044	-2.00	4.265	196.648	-150.00
-4.085	197.416	-150.00	-4.000	197.544	-2.00	605+0.000	197.624	197.258	0.367	4.000	197.544	-2.00	4.302	197.091	-150.00
-4.088	198.089	-150.00	-4.000	198.221	-2.00	606+0.000	198.301	197.922	0.379	4.000	198.221	-2.00	4.317	197.746	-150.00
-4.096	198.754	-150.00	-4.000	198.899	-2.00	607+0.000	198.979	198.584	0.395	4.000	198.899	-2.00	4.371	198.343	-150.00
-4.092	199.438	-150.00	-4.000	199.576	-2.00	608+0.000	199.656	199.213	0.443	4.000	199.576	-2.00	4.397	198.981	-150.00
-4.069	200.150	-150.00	-4.000	200.253	-2.00	609+0.000	200.333	199.924	0.409	4.000	200.253	-2.00	4.381	199.681	-150.00
-4.050	200.855	-150.00	-4.000	200.930	-2.00	610+0.000	201.010	200.641	0.369	4.000	200.930	-2.00	4.353	200.400	-150.00
-4.039	201.499	-150.00	-4.000	201.557	-2.00	611+0.000	201.637	201.280	0.357	4.000	201.557	-2.00	4.341	201.045	-150.00
-4.034	202.084	-150.00	-4.000	202.135	-2.00	612+0.000	202.215	201.867	0.348	4.000	202.135	-2.00	4.336	201.631	-150.00
-4.055	202.631	-150.00	-4.000	202.713	-2.00	613+0.000	202.793	202.415	0.378	4.000	202.713	-2.00	4.353	202.183	-150.00
-4.137	203.055	-150.00	-4.000	203.261	-2.00	614+0.000	203.341	202.965	0.376	4.000	203.261	-2.00	4.259	202.872	-150.00
-4.092	203.403	-150.00	-4.000	203.541	-2.00	615+0.000	203.621	203.322	0.299	4.000	203.541	-2.00	4.202	203.239	-150.00
-4.116	203.647	-150.00	-4.000	203.822	-2.00	616+0.000	203.902	203.605	0.297	4.000	203.822	-2.00	4.170	203.567	-150.00
-4.180	203.833	-150.00	-4.000	204.102	-2.00	617+0.000	204.182	203.801	0.381	4.000	204.102	-2.00	4.216	203.778	-150.00
-4.146	203.876	-150.00	-4.000	204.096	-2.00	618+0.000	204.176	203.860	0.315	4.000	204.096	-2.00	4.167	203.845	-150.00
-4.105	203.794	-150.00	-4.000	203.952	-2.00	619+0.000	204.032	203.773	0.259	4.000	203.952	-2.00	4.134	203.751	-150.00
-4.175	203.544	-150.00	-4.000	203.808	-2.00	620+0.000	203.888	203.511	0.376	4.000	203.808	-2.00	4.220	203.478	-150.00
-4.228	203.080	-150.00	-4.000	203.422	-2.00	621+0.000	203.502	203.070	0.432	4.000	203.422	-2.00	4.259	203.033	-150.00
-4.223	202.494	-150.00	-4.000	202.829	-2.00	622+0.000	202.909	202.462	0.447	4.000	202.829	-2.00	4.266	202.429	-150.00
-4.261	201.651	-150.00	-4.000	202.043	-2.00	623+0.000	202.123	201.649	0.474	4.000	202.043	-2.00	4.260	201.654	-150.00
-4.255	200.836	-150.00	-4.000	201.219	-2.00	624+0.000	201.299	200.894	0.405	4.000	201.219	-2.00	4.179	200.950	-150.00
-4.335	199.893	-150.00	-4.000	200.395	-2.00	625+0.000	200.475	199.978	0.497	4.000	200.395	-2.00	4.247	200.024	-150.00
-4.349	199.047	-150.00	-4.000	199.571	-2.00	626+0.000	199.651	199.120	0.531	4.000	199.571	-2.00	4.253	199.191	-150.00
-4.324	198.356	-150.00	-4.000	198.842	-2.00	627+0.000	198.922	198.484	0.438	4.000	198.842	-2.00	4.157	198.607	-150.00
-4.268	198.041	-150.00	-4.000	198.442	-2.00	628+0.000	198.522	198.193	0.329	4.000	198.442	-2.00	4.070	198.338	-150.00
-4.291	197.939	-150.00	-4.000	198.376	-2.00	629+0.000	198.456	198.083	0.373	4.000	198.376	-2.00	4.104	198.221	-150.00
-4.338	197.918	-150.00	-4.000	198.424	-2.00	630+0.000	198.504	198.058	0.446	4.000	198.424	-2.00	4.157	198.189	-150.00
-4.331	197.975	-150.00	-4.000	198.472	-2.00	631+0.000	198.552	198.123	0.430	4.000	198.472	-2.00	4.148	198.250	-150.00
-4.296	198.076	-150.00	-4.000	198.521	-2.00	632+0.000	198.601	198.217	0.384	4.000	198.521	-2.00	4.109	198.357	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Sedur)

-4.342	198.294	-150.00	-4.000	198.806	-2.00	633+0.000	198.886	198.435	0.451	4.000	198.806	-2.00	4.159	198.567	-150.00
-4.360	198.565	-150.00	-4.000	199.105	-2.00	634+0.000	199.185	198.703	0.482	4.000	199.105	-2.00	4.168	198.852	-150.00
-4.292	198.964	-150.00	-4.000	199.403	-2.00	635+0.000	199.483	199.133	0.350	4.000	199.403	-2.00	4.079	199.285	-150.00
-4.306	199.183	-150.00	-4.000	199.642	-2.00	636+0.000	199.722	199.353	0.369	4.000	199.642	-2.00	4.085	199.514	-150.00
-4.334	199.289	-150.00	-4.000	199.790	-2.00	637+0.000	199.870	199.492	0.378	4.000	199.790	-2.00	4.073	199.680	-150.00
-4.360	199.041	-150.00	-4.000	199.582	-2.00	638+0.000	199.662	199.244	0.418	4.000	199.582	-2.00	4.097	199.436	-150.00
-4.386	198.636	-150.00	-4.000	199.215	-2.00	639+0.000	199.295	198.843	0.452	4.000	199.215	-2.00	4.145	198.998	-150.00
-4.434	198.033	-150.00	-4.000	198.684	-2.00	640+0.000	198.764	198.227	0.537	4.000	198.684	-2.00	4.183	198.409	-150.00
-4.429	197.512	-150.00	-4.000	198.155	-2.00	641+0.000	198.235	197.717	0.519	4.000	198.155	-2.00	4.149	197.932	-150.00
-4.360	197.289	-150.00	-4.000	197.829	-2.00	642+0.000	197.909	197.522	0.387	4.000	197.829	-2.00	4.059	197.740	-150.00
-4.362	197.226	-150.00	-4.000	197.769	-2.00	643+0.000	197.849	197.473	0.376	4.000	197.769	-2.00	4.044	197.702	-150.00
-4.335	197.530	-150.00	-4.000	198.032	-2.00	644+0.000	198.112	197.737	0.376	4.000	198.032	-2.00	4.068	197.931	-150.00
-4.368	198.073	-150.00	-4.000	198.625	-2.00	645+0.000	198.705	198.305	0.400	4.000	198.625	-2.00	4.070	198.521	-150.00
-4.382	198.646	-150.00	-4.000	199.218	-2.00	646+0.000	199.298	198.891	0.407	4.000	199.218	-2.00	4.066	199.119	-150.00
-4.363	199.256	-150.00	-4.000	199.801	-2.00	647+0.000	199.881	199.507	0.374	4.000	199.801	-2.00	4.050	199.726	-150.00
-4.236	199.437	-150.00	-4.000	199.790	-2.00	648+0.000	199.870	199.628	0.243	4.000	199.790	-2.00	4.069	199.836	66.67
-4.305	199.125	-150.00	-4.000	199.582	-2.00	649+0.000	199.662	199.293	0.370	4.000	199.582	-2.00	4.083	199.458	-150.00
-4.334	198.539	-150.00	-4.000	199.039	-2.00	650+0.000	199.119	198.691	0.428	4.000	199.039	-2.00	4.123	198.854	-150.00
-4.295	197.769	-150.00	-4.000	198.212	-2.00	651+0.000	198.292	197.881	0.411	4.000	198.212	-2.00	4.142	197.999	-150.00
-4.257	196.992	-150.00	-4.000	197.377	-2.00	652+0.000	197.457	197.028	0.429	4.000	197.377	-2.00	4.173	197.118	-150.00
-4.258	196.203	-150.00	-4.000	196.590	-2.00	653+0.000	196.670	196.247	0.423	4.000	196.590	-2.00	4.198	196.293	-150.00
-4.268	195.741	-150.00	-4.000	196.144	-2.00	654+0.000	196.224	195.771	0.453	4.000	196.144	-2.00	4.229	195.800	-150.00
-4.291	195.391	-150.00	-4.000	195.827	-2.00	655+0.000	195.907	195.439	0.468	4.000	195.827	-2.00	4.227	195.486	-150.00
-4.338	195.272	-150.00	-4.000	195.779	-2.00	656+0.000	195.859	195.319	0.540	4.000	195.779	-2.00	4.276	195.365	-150.00
-4.243	195.548	-150.00	-4.000	195.913	-2.00	657+0.000	195.993	195.619	0.375	4.000	195.913	-2.00	4.151	195.687	-150.00
-4.240	196.009	-150.00	-4.000	196.369	-2.00	658+0.000	196.449	196.108	0.341	4.000	196.369	-2.00	4.110	196.204	-150.00
-4.236	196.784	-150.00	-4.000	197.138	-2.00	659+0.000	197.218	196.885	0.333	4.000	197.138	-2.00	4.104	196.982	-150.00
-4.271	197.538	-150.00	-4.000	197.945	-2.00	660+0.000	198.025	197.681	0.344	4.000	197.945	-2.00	4.084	197.818	-150.00
-4.269	198.370	-150.00	-4.000	198.774	-2.00	661+0.000	198.854	198.500	0.354	4.000	198.774	-2.00	4.099	198.625	-150.00
-4.228	199.004	-150.00	-4.000	199.347	-2.00	662+0.000	199.427	199.155	0.272	4.000	199.347	-2.00	4.033	199.298	-150.00
-4.247	199.539	-150.00	-4.000	199.910	-2.00	663+0.000	199.990	199.675	0.316	4.000	199.910	-2.00	4.071	199.804	-150.00
-4.281	199.910	-150.00	-4.000	200.331	-2.00	664+0.000	200.411	200.042	0.369	4.000	200.331	-2.00	4.109	200.168	-150.00
-4.302	200.171	-150.00	-4.000	200.624	-2.00	665+0.000	200.704	200.309	0.395	4.000	200.624	-2.00	4.128	200.432	-150.00
-4.320	200.434	-150.00	-4.000	200.914	-2.00	666+0.000	200.994	200.553	0.440	4.000	200.914	-2.00	4.166	200.665	-150.00
-4.373	200.645	-150.00	-4.000	201.204	-2.00	667+0.000	201.284	200.761	0.522	4.000	201.204	-2.00	4.220	200.874	-150.00
-4.298	201.047	-150.00	-4.000	201.494	-2.00	668+0.000	201.574	201.174	0.400	4.000	201.494	-2.00	4.131	201.297	-150.00
-4.319	201.539	-150.00	-4.000	202.018	-2.00	669+0.000	202.098	201.676	0.422	4.000	202.018	-2.00	4.141	201.807	-150.00
-4.356	202.102	-150.00	-4.000	202.636	-2.00	670+0.000	202.716	202.254	0.462	4.000	202.636	-2.00	4.158	202.400	-150.00
-4.346	202.735	-150.00	-4.000	203.254	-2.00	671+0.000	203.334	202.932	0.403	4.000	203.254	-2.00	4.092	203.117	-150.00
-4.344	203.356	-150.00	-4.000	203.873	-2.00	672+0.000	203.953	203.572	0.380	4.000	203.873	-2.00	4.075	203.760	-150.00
-4.318	204.013	-150.00	-4.000	204.491	-2.00	673+0.000	204.571	204.244	0.327	4.000	204.491	-2.00	4.024	204.456	-150.00
-4.335	204.477	-150.00	-4.000	204.979	-2.00	674+0.000	205.059	204.744	0.316	4.000	204.979	-2.00	4.017	204.991	66.67
-4.380	204.797	-150.00	-4.000	205.367	-2.00	675+0.000	205.447	205.099	0.348	4.000	205.367	-2.00	4.014	205.376	66.67
-4.474	204.657	-150.00	-4.000	205.367	-2.00	676+0.000	205.447	204.939	0.508	4.000	205.367	-2.00	4.089	205.233	-150.00
-4.480	204.508	-150.00	-4.000	205.228	-2.00	677+0.000	205.308	204.904	0.403	4.000	205.228	-2.00			
-4.481	204.260	-150.00	-4.000	204.982	-2.00	678+0.000	205.062	204.670	0.392	4.000	204.982	-2.00	4.093	205.044	66.67
-4.450	204.435	-150.00	-4.000	205.110	-2.00	679+0.000	205.190	204.830	0.359	4.000	205.110	-2.00	4.131	205.197	66.67
-4.438	204.658	-150.00	-4.000	205.315	-2.00	680+0.000	205.395	205.035	0.360	4.000	205.315	-2.00	4.128	205.400	66.67
-4.506	205.147	-150.00	-4.000	205.906	-2.00	681+0.000	205.986	205.492	0.494	4.000	205.906	-2.00	4.069	205.803	-150.00
-4.465	205.967	-150.00	-4.000	206.665	-2.00	682+0.000	206.745	206.298	0.447	4.000	206.665	-2.00	4.044	206.598	-150.00
-4.401	206.821	-150.00	-4.000	207.423	-2.00	683+0.000	207.503	207.074	0.429	4.000	207.423	-2.00	4.077	207.308	-150.00
-4.312	207.680	-150.00	-4.000	208.147	-2.00	684+0.000	208.227	207.872	0.355	4.000	208.147	-2.00	4.063	208.053	-150.00
-4.261	208.311	-150.00	-4.000	208.703	-2.00	685+0.000	208.783	208.499	0.283	4.000	208.703	-2.00	4.017	208.677	-150.00
-4.302	208.725	-150.00	-4.000	209.178	-2.00	686+0.000	209.258	208.849	0.408	4.000	209.178	-2.00	4.139	208.969	-150.00
-4.223	208.749	-150.00	-4.000	209.083	-2.00	687+0.000	209.163	208.832	0.330	4.000	209.083	-2.00	4.111	208.916	-150.00
-4.214	208.632	-150.00	-4.000	208.952	-2.00	688+0.000	209.032	208.720	0.312	4.000	208.952	-2.00	4.097	208.806	-150.00
-4.188	208.366	-150.00	-4.000	208.648	-2.00	689+0.000	208.728	208.437	0.291	4.000	208.648	-2.00	4.094	208.506	-150.00
-4.325	207.704	-150.00	-4.000	208.192	-2.00	690+0.000	208.272	207.817	0.455	4.000	208.192	-2.00	4.177	207.926	-150.00
-4.321	207.044	-150.00	-4.000	207.526	-2.00	691+0.000	207.606	207.160	0.445	4.000	207.526	-2.00	4.180	207.256	-150.00
-4.309	206.125	-150.00	-4.000	206.588	-2.00	692+0.000	206.668	206.241	0.427	4.000	206.588	-2.00	4.157	206.353	-150.00
-4.288	205.392	-150.00	-4.000	205.824	-2.00	693+0.000	205.904	205.490	0.413	4.000	205.824	-2.00	4.159	205.586	-150.00
-4.225	204.819	-150.00	-4.000	205.157	-2.00	694+0.000	205.237	204.844	0.393	4.000	205.157	-2.00	4.172	204.899	-150.00
-4.248	204.272	-150.00	-4.000	204.644	-2.00	695+0.000	204.724	204.336	0.389	4.000	204.644	-2.00	4.150	204.420	-150.00
-4.208	204.184	-150.00	-4.000	204.497	-2.00	696+0.000	204.577	204.241	0.335	4.000	204.497	-2.00	4.133	204.297	-150.00
-4.231	204.155	-150.00	-4.000	204.501	-2.00	697+0.000	204.581	204.178	0.403	4.000	204.501	-2.00	4.201	204.200	-150.00
-4.206	204.196	-150.00	-4.000	204.505	-2.00	698+0.000	204.585	204.207	0.378	4.000	204.505	-2.00	4.192	204.218	-150.00
-4.217	204.107	-150.00	-4.000	204.432	-2.00	699+0.000	204.512	204.113	0.399	4.000	204.432	-2.00	4.209	204.119	-150.00
-4.209	203.896	-150.00	-4.000	204.210	-2.00	700+0.000	204.290	203.908	0.381	4.000	204.210	-2.00	4.203	203.905	-150.00
-4.266	203.570	-150.00	-4.000	203.968	-2.00	701+0.000	204.048	203.620	0.428	4.000	203.968	-2.00	4.198	203.671	-150.00
-4.259	203.338	-150.00	-4.000	203.727	-2.00	702+0.000	203.807	203.383	0.423	4.000	203.727	-2.00	4.199	203.428	-150.00
-4.279	203.231	-150.00	-4.000	203.649	-2.00	703+0.000	203.729	203.300	0.428	4.000	203.649	-2.00	4.187	203.369	-150.00
-4.253	203.317	-150.00	-4.000	203.696	-2.00	704+0.000	203.776	203.403	0.373	4.000	203.696	-2.00	4.140	203.486	-150.00
-4.262	203.548	-150.00	-4.000	203.941	-2.00	705+0.000	204.021	203.638	0.384	4.000	203.941	-2.00	4.141	203.730	-150.00
-4.263	203.819	-150.00	-4.000	204.214	-2.00	706+0.000	204.294	203.920	0.374	4.000	204.214	-2.00	4.132	204.016	-150.00
-4.250	204.133	-150.00	-4.000	204.507	-2.00	707+0.000	204.587	204.236	0.352	4.000	204.507	-2.00	4.115	204.335	-150.00
-4.229	204.456	-150.00	-4.000	204.800	-2.00	708+0.000	204.880	204.559	0.321	4.000	204.800	-2.00	4.095	204.658	-150.00
-4.243	204.729	-150.00	-4.000	205.094	-2.00	709+0.000	205.174	204.825	0.349	4.000	205.094	-2.00	4.118	204.917	-150.00
-4.238	204.945	-150.00	-4.000	205.301	-2.00	710+0.000	205.381	205.038	0.343	4.000	205.301	-2.00	4.124	205.116	-150.00
-4.267	205.014	-150.00	-4.000	205.414	-2.00	711+0.000	205.494	205.086	0.408	4.000	205.414	-2.00	4.173	205.155	-150.00
-4.236	205.173	-150.00	-4.000	205.527	-2.00	712+0.000	205.607	205.213	0.394	4.000	205.527	-2.00	4.182	205.254	-150.00

Osvaldo Leôncio da [illegible] Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
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-4.201	205.416	-150.00	-4.000	205.718	-2.00	713+0.000	205.798	205.440	0.357	4.000	205.718	-2.00	4.174	205.457	-150.00
-4.250	205.955	-150.00	-4.000	206.329	-2.00	714+0.000	206.409	205.992	0.418	4.000	206.329	-2.00	4.201	206.028	-150.00
-4.156	206.707	-150.00	-4.000	206.941	-2.00	715+0.000	207.021	206.726	0.294	4.000	206.941	-2.00	4.140	206.730	-150.00
-4.143	207.338	-150.00	-4.000	207.552	-2.00	716+0.000	207.632	207.322	0.310	4.000	207.552	-2.00	4.164	207.307	-150.00
-4.169	207.850	-150.00	-4.000	208.103	-2.00	717+0.000	208.183	207.813	0.370	4.000	208.103	-2.00	4.223	207.769	-150.00
-4.209	207.932	-150.00	-4.000	208.246	-2.00	718+0.000	208.326	207.899	0.427	4.000	208.246	-2.00	4.285	207.819	-150.00
-4.161	207.590	-150.00	-4.000	207.831	-2.00	719+0.000	207.911	207.497	0.415	4.000	207.831	-2.00	4.287	207.401	-150.00
-4.199	206.558	-150.00	-4.000	206.856	-2.00	720+0.000	206.936	206.497	0.439	4.000	206.856	-2.00	4.267	206.455	-150.00
-4.157	205.853	-150.00	-4.000	206.088	-2.00	721+0.000	206.168	205.848	0.319	4.000	206.088	-2.00	4.163	205.844	-150.00
-4.155	205.139	-150.00	-4.000	205.372	-2.00	722+0.000	205.452	205.226	0.226	4.000	205.372	-2.00	4.082	205.249	-150.00
-4.224	204.692	-150.00	-4.000	205.027	-2.00	723+0.000	205.107	204.813	0.295	4.000	205.027	-2.00	4.102	204.875	-150.00
-4.285	204.701	-150.00	-4.000	205.128	-2.00	724+0.000	205.208	204.790	0.418	4.000	205.128	-2.00	4.154	204.897	-150.00
-4.219	205.346	-150.00	-4.000	205.674	-2.00	725+0.000	205.754	205.451	0.304	4.000	205.674	-2.00	4.078	205.558	-150.00
-4.239	206.303	-150.00	-4.000	206.661	-2.00	726+0.000	206.741	206.398	0.342	4.000	206.661	-2.00	4.113	206.492	-150.00
-4.244	207.440	-150.00	-4.000	207.806	-2.00	727+0.000	207.886	207.545	0.341	4.000	207.806	-2.00	4.108	207.644	-150.00
-4.196	208.659	-150.00	-4.000	208.952	-2.00	728+0.000	209.032	208.690	0.343	4.000	208.952	-2.00	4.155	208.720	-150.00
-4.192	209.810	-150.00	-4.000	210.098	-2.00	729+0.000	210.178	209.825	0.353	4.000	210.098	-2.00	4.171	209.841	-150.00
-4.179	210.950	-150.00	-4.000	211.218	-2.00	730+0.000	211.298	210.959	0.339	4.000	211.218	-2.00	4.167	210.968	-150.00
-4.123	212.029	-150.00	-4.000	212.214	-2.00	731+0.000	212.294	212.015	0.278	4.000	212.214	-2.00	4.147	211.993	-150.00
-4.106	213.050	-150.00	-4.000	213.209	-2.00	732+0.000	213.289	213.009	0.280	4.000	213.209	-2.00	4.170	212.955	-150.00
-4.123	214.020	-150.00	-4.000	214.205	-2.00	733+0.000	214.285	213.949	0.336	4.000	214.205	-2.00	4.219	213.876	-150.00
-4.108	214.893	-150.00	-4.000	215.054	-2.00	734+0.000	215.134	214.797	0.337	4.000	215.054	-2.00	4.236	214.701	-150.00
-4.097	215.856	-150.00	-4.000	216.002	-2.00	735+0.000	216.082	215.772	0.310	4.000	216.002	-2.00	4.225	215.665	-150.00
-4.087	216.854	-150.00	-4.000	216.984	-2.00	736+0.000	217.064	216.736	0.328	4.000	216.984	-2.00	4.246	216.614	-150.00
-4.080	217.822	-150.00	-4.000	217.943	-2.00	737+0.000	218.023	217.700	0.323	4.000	217.943	-2.00	4.247	217.573	-150.00
-4.114	218.630	-150.00	-4.000	218.801	-2.00	738+0.000	218.881	218.525	0.356	4.000	218.801	-2.00	4.257	218.416	-150.00
-4.117	219.442	-150.00	-4.000	219.619	-2.00	739+0.000	219.699	219.349	0.349	4.000	219.619	-2.00	4.251	219.243	-150.00
-4.124	220.055	-150.00	-4.000	220.241	-2.00	740+0.000	220.321	219.960	0.361	4.000	220.241	-2.00	4.271	219.834	-150.00
-4.110	220.573	-150.00	-4.000	220.739	-2.00	741+0.000	220.819	220.441	0.378	4.000	220.739	-2.00	4.291	220.303	-150.00
-4.114	220.952	-150.00	-4.000	221.123	-2.00	742+0.000	221.203	220.822	0.381	4.000	221.123	-2.00	4.291	220.686	-150.00
-4.131	221.098	-150.00	-4.000	221.294	-2.00	743+0.000	221.374	220.973	0.401	4.000	221.294	-2.00	4.300	220.844	-150.00
-4.143	221.142	-150.00	-4.000	221.356	-2.00	744+0.000	221.436	221.029	0.407	4.000	221.356	-2.00	4.296	220.912	-150.00
-4.151	221.060	-150.00	-4.000	221.286	-2.00	745+0.000	221.366	220.968	0.398	4.000	221.286	-2.00	4.276	220.873	-150.00
-4.205	220.736	-150.00	-4.000	221.044	-2.00	746+0.000	221.124	220.659	0.465	4.000	221.044	-2.00	4.295	220.601	-150.00
-4.192	220.385	-150.00	-4.000	220.673	-2.00	747+0.000	220.753	220.336	0.416	4.000	220.673	-2.00	4.257	220.287	-150.00
-4.205	219.874	-150.00	-4.000	220.182	-2.00	748+0.000	220.262	219.858	0.404	4.000	220.182	-2.00	4.226	219.843	-150.00
-4.244	219.175	-150.00	-4.000	219.542	-2.00	749+0.000	219.622	219.170	0.452	4.000	219.542	-2.00	4.251	219.165	-150.00
-4.239	218.340	-150.00	-4.000	218.698	-2.00	750+0.000	218.778	218.340	0.438	4.000	218.698	-2.00	4.239	218.340	-150.00
-4.227	217.434	-150.00	-4.000	217.775	-2.00	751+0.000	217.855	217.410	0.445	4.000	217.775	-2.00	4.260	217.385	-150.00
-4.225	216.394	-150.00	-4.000	216.732	-2.00	752+0.000	216.812	216.368	0.443	4.000	216.732	-2.00	4.260	216.342	-150.00
-4.208	215.375	-150.00	-4.000	215.687	-2.00	753+0.000	215.767	215.331	0.436	4.000	215.687	-2.00	4.266	215.287	-150.00
-4.235	214.422	-150.00	-4.000	214.773	-2.00	754+0.000	214.853	214.386	0.467	4.000	214.773	-2.00	4.282	214.351	-150.00
-4.221	213.533	-150.00	-4.000	213.865	-2.00	755+0.000	213.945	213.501	0.444	4.000	213.865	-2.00	4.264	213.468	-150.00
-4.230	212.638	-150.00	-4.000	212.984	-2.00	756+0.000	213.064	212.630	0.434	4.000	212.984	-2.00	4.242	212.621	-150.00
-4.331	211.930	-150.00	-4.000	212.426	-2.00	757+0.000	212.506	211.953	0.554	4.000	212.426	-2.00	4.301	211.976	-150.00
-4.357	211.376	-150.00	-4.000	211.912	-2.00	758+0.000	211.992	211.400	0.592	4.000	211.912	-2.00	4.326	211.423	-150.00
-4.315	210.925	-150.00	-4.000	211.398	-2.00	759+0.000	211.478	210.994	0.484	4.000	211.398	-2.00	4.225	211.061	-150.00
-4.311	210.416	-150.00	-4.000	210.884	-2.00	760+0.000	210.964	210.491	0.472	4.000	210.884	-2.00	4.184	210.608	-150.00
-4.262	209.891	-150.00	-4.000	210.284	-2.00	761+0.000	210.364	210.005	0.359	4.000	210.284	-2.00	4.112	210.115	-150.00
-4.299	209.196	-150.00	-4.000	209.644	-2.00	762+0.000	209.724	209.372	0.353	4.000	209.644	-2.00	4.071	209.538	-150.00
-4.373	208.374	-150.00	-4.000	208.933	-2.00	763+0.000	209.013	208.549	0.464	4.000	208.933	-2.00	4.142	208.720	-150.00
-4.383	207.566	-150.00	-4.000	208.142	-2.00	764+0.000	208.222	207.777	0.444	4.000	208.142	-2.00	4.111	207.975	-150.00
-4.392	206.763	-150.00	-4.000	207.350	-2.00	765+0.000	207.430	206.984	0.446	4.000	207.350	-2.00	4.105	207.193	-150.00
-4.362	206.239	-150.00	-4.000	206.782	-2.00	766+0.000	206.862	206.464	0.398	4.000	206.782	-2.00	4.072	206.674	-150.00
-4.353	205.904	-150.00	-4.000	206.433	-2.00	767+0.000	206.513	206.135	0.378	4.000	206.433	-2.00	4.055	206.351	-150.00
-4.335	205.926	-150.00	-4.000	206.430	-2.00	768+0.000	206.510	206.157	0.353	4.000	206.430	-2.00	4.056	206.346	-150.00
-4.313	206.153	-150.00	-4.000	206.623	-2.00	769+0.000	206.703	206.349	0.355	4.000	206.623	-2.00	4.057	206.537	-150.00
-4.277	206.480	-150.00	-4.000	206.896	-2.00	770+0.000	206.976	206.616	0.360	4.000	206.896	-2.00	4.097	206.750	-150.00
-4.290	206.928	-150.00	-4.000	207.362	-2.00	771+0.000	207.442	207.073	0.369	4.000	207.362	-2.00	4.112	207.194	-150.00
-4.289	207.400	-150.00	-4.000	207.834	-2.00	772+0.000	207.914	207.546	0.369	4.000	207.834	-2.00	4.127	207.644	-150.00
-4.289	207.864	-150.00	-4.000	208.297	-2.00	773+0.000	208.377	208.006	0.370	4.000	208.297	-2.00	4.121	208.116	-150.00
-4.289	208.179	-150.00	-4.000	208.613	-2.00	774+0.000	208.693	208.314	0.379	4.000	208.613	-2.00	4.116	208.439	-150.00
-4.301	208.333	-150.00	-4.000	208.784	-2.00	775+0.000	208.864	208.420	0.445	4.000	208.784	-2.00	4.187	208.504	-150.00
-4.208	208.213	-150.00	-4.000	208.526	-2.00	776+0.000	208.606	208.292	0.313	4.000	208.526	-2.00	4.104	208.369	-150.00
-4.244	207.621	-150.00	-4.000	207.987	-2.00	777+0.000	208.067	207.692	0.375	4.000	207.987	-2.00	4.145	207.769	-150.00
-4.267	206.922	-150.00	-4.000	207.323	-2.00	778+0.000	207.403	206.976	0.428	4.000	207.323	-2.00	4.197	207.028	-150.00
-4.220	206.119	-150.00	-4.000	206.448	-2.00	779+0.000	206.528	206.138	0.391	4.000	206.448	-2.00	4.195	206.157	-150.00
-4.251	205.049	-150.00	-4.000	205.424	-2.00	780+0.000	205.504	205.053	0.452	4.000	205.424	-2.00	4.245	205.057	-150.00
-4.219	204.007	-150.00	-4.000	204.335	-2.00	781+0.000	204.415	204.014	0.401	4.000	204.335	-2.00	4.211	204.019	-150.00
-4.203	202.942	-150.00	-4.000	203.246	-2.00	782+0.000	203.326	202.884	0.442	4.000	203.246	-2.00	4.281	202.824	-150.00
-4.119	202.188	-150.00	-4.000	202.366	-2.00	783+0.000	202.446	202.108	0.338	4.000	202.366	-2.00	4.249	201.992	-150.00
-4.131	201.526	-150.00	-4.000	201.722	-2.00	784+0.000	201.802	201.426	0.377	4.000	201.722	-2.00	4.267	201.322	-150.00
-4.107	201.303	-150.00	-4.000	201.464	-2.00	785+0.000	201.544	201.164	0.380	4.000	201.464	-2.00	4.297	201.018	-150.00
-4.037	201.548	-150.00	-4.000	201.603	-2.00	786+0.000	201.683	201.423	0.260	4.000	201.603	-2.00	4.207	201.292	-150.00
-4.062	201.991	-150.00	-4.000	202.084	-2.00	787+0.000	202.164	201.843	0.321	4.000	202.084	-2.00	4.264	201.689	-150.00
-4.068	202.743	-150.00	-4.000	202.846	-2.00	788+0.000	202.926	202.583	0.343	4.000	202.846	-2.00	4.288	202.414	-150.00
-4.076	203.537	-150.00	-4.000	203.652	-2.00	789+0.000	203.732	203.378	0.354	4.000	203.652	-2.00	4.295	203.209	-150.00
-4.087	204.359	-150.00	-4.000	204.489	-2.00	790+0.000	204.569	204.206	0.364	4.000	204.489	-2.00	4.292	204.052	-150.00
-4.055	205.244	-150.00	-4.000	205.327	-2.00	791+0.000	205.407	205.059	0.348	4.000	205.327	-2.00	4.281	204.906	-150.00
-4.064	206.019	-150.00	-4.000	206.115	-2.00	792+0.000	206.195	205.851	0.345	4.000	206.115	-2.00	4.287	205.685	-150.00

Osvaldo Leôncio da Silva Filho
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-4.065	206.774	-150.00	-4.000	206.871	-2.00	793+0.000	206.951	206.616	0.335	4.000	206.871	-2.00	4.266	206.472	-150.00
-4.059	207.539	-150.00	-4.000	207.627	-2.00	794+0.000	207.707	207.381	0.326	4.000	207.627	-2.00	4.275	207.214	-150.00
-4.078	208.344	-150.00	-4.000	208.462	-2.00	795+0.000	208.542	208.234	0.308	4.000	208.462	-2.00	4.229	208.119	-150.00
-4.080	209.260	-150.00	-4.000	209.380	-2.00	796+0.000	209.460	209.169	0.291	4.000	209.380	-2.00	4.203	209.075	-150.00
-4.103	210.143	-150.00	-4.000	210.298	-2.00	797+0.000	210.378	210.061	0.316	4.000	210.298	-2.00	4.214	209.977	-150.00
-4.205	210.888	-150.00	-4.000	211.195	-2.00	798+0.000	211.275	210.889	0.386	4.000	211.195	-2.00	4.228	210.853	-150.00
-4.257	211.474	-150.00	-4.000	211.858	-2.00	799+0.000	211.938	211.490	0.448	4.000	211.858	-2.00	4.235	211.506	-150.00
-4.206	211.926	-150.00	-4.000	212.234	-2.00	800+0.000	212.314	211.926	0.389	4.000	212.234	-2.00	4.206	211.926	-150.00
-4.242	211.960	-150.00	-4.000	212.323	-2.00	801+0.000	212.403	211.996	0.407	4.000	212.323	-2.00	4.197	212.027	-150.00
-4.266	211.817	-150.00	-4.000	212.216	-2.00	802+0.000	212.296	211.849	0.447	4.000	212.216	-2.00	4.219	211.888	-150.00
-4.296	211.555	-150.00	-4.000	211.999	-2.00	803+0.000	212.079	211.670	0.409	4.000	211.999	-2.00	4.159	211.760	-150.00
-4.317	211.160	-150.00	-4.000	211.635	-2.00	804+0.000	211.715	211.295	0.420	4.000	211.635	-2.00	4.141	211.424	-150.00
-4.321	210.687	-150.00	-4.000	211.169	-2.00	805+0.000	211.249	210.829	0.420	4.000	211.169	-2.00	4.136	210.964	-150.00
-4.348	210.084	-150.00	-4.000	210.605	-2.00	806+0.000	210.685	210.247	0.438	4.000	210.605	-2.00	4.135	210.403	-150.00
-4.351	209.410	-150.00	-4.000	209.937	-2.00	807+0.000	210.017	209.591	0.425	4.000	209.937	-2.00	4.116	209.763	-150.00
-4.335	208.643	-150.00	-4.000	209.146	-2.00	808+0.000	209.226	208.790	0.436	4.000	209.146	-2.00	4.138	208.938	-150.00
-4.331	207.827	-150.00	-4.000	208.323	-2.00	809+0.000	208.403	207.985	0.418	4.000	208.323	-2.00	4.125	208.135	-150.00
-4.349	207.137	-150.00	-4.000	207.661	-2.00	810+0.000	207.741	207.328	0.413	4.000	207.661	-2.00	4.101	207.509	-150.00
-4.340	206.660	-150.00	-4.000	207.171	-2.00	811+0.000	207.251	206.851	0.400	4.000	207.171	-2.00	4.093	207.032	-150.00
-4.359	206.196	-150.00	-4.000	206.735	-2.00	812+0.000	206.815	206.404	0.411	4.000	206.735	-2.00	4.091	206.599	-150.00
-4.393	205.515	-150.00	-4.000	206.104	-2.00	813+0.000	206.184	205.746	0.438	4.000	206.104	-2.00	4.083	205.979	-150.00
-4.447	204.926	-150.00	-4.000	205.596	-2.00	814+0.000	205.676	205.279	0.397	4.000	205.596	-2.00	4.063	205.638	66.67
-4.505	204.766	-150.00	-4.000	205.524	-2.00	815+0.000	205.604	205.161	0.443	4.000	205.524	-2.00	4.008	205.511	-150.00
-4.515	204.679	-150.00	-4.000	205.451	-2.00	816+0.000	205.531	205.066	0.465	4.000	205.451	-2.00	4.026	205.412	-150.00
-4.518	204.622	-150.00	-4.000	205.400	-2.00	817+0.000	205.480	204.968	0.512	4.000	205.400	-2.00	4.060	205.309	-150.00
-4.444	204.895	-150.00	-4.000	205.562	-2.00	818+0.000	205.642	205.116	0.526	4.000	205.562	-2.00	4.101	205.629	66.67
-4.391	205.020	-150.00	-4.000	205.606	-2.00	819+0.000	205.686	205.337	0.350	4.000	205.606	-2.00	4.031	205.627	66.67
-4.165	205.131	-150.00	-4.000	205.378	-2.00	820+0.000	205.458	205.323	0.135	4.000	205.378	-2.00	4.210	205.518	66.67
-4.418	204.325	-150.00	-4.000	204.952	-2.00	821+0.000	205.032	204.510	0.523	4.000	204.952	-2.00	4.179	204.684	-150.00
-4.280	203.638	-150.00	-4.000	204.058	-2.00	822+0.000	204.138	203.833	0.305	4.000	204.058	-2.00	4.063	203.963	-150.00
			-4.000	202.747	-2.00	823+0.000	202.827	202.622	0.205	4.000	202.747	-2.00	4.168	202.495	-150.00
-4.111	201.456	-150.00	-4.000	201.623	-2.00	824+0.000	201.703	201.134	0.569	4.000	201.623	-2.00	4.564	200.776	-150.00
-4.093	201.052	66.67	-4.000	200.990	-2.00	825+0.000	201.070	200.660	0.410	4.000	200.990	-2.00	4.461	200.299	-150.00
-4.213	201.520	66.67	-4.000	201.378	-2.00	826+0.000	201.458	201.060	0.398	4.000	201.378	-2.00	4.497	200.632	-150.00
-4.193	202.387	66.67	-4.000	202.259	-2.00	827+0.000	202.339	201.953	0.385	4.000	202.259	-2.00	4.444	201.593	-150.00
-4.184	203.262	66.67	-4.000	203.139	-2.00	828+0.000	203.219	202.887	0.332	4.000	203.139	-2.00	4.432	202.491	-150.00
-4.506	204.795	66.67	-4.000	204.457	-2.00	829+0.000	204.537	204.462	0.075	4.000	204.457	-2.00	4.204	204.152	-150.00
-4.218	205.691	-150.00	-4.000	206.019	-2.00	830+0.000	206.099	205.629	0.469	4.000	206.019	-2.00	4.302	205.566	-150.00
-4.424	206.253	-150.00	-4.000	206.889	-2.00	831+0.000	206.969	206.487	0.482	4.000	206.889	-2.00	4.123	206.705	-150.00
-4.178	206.777	-150.00	-4.000	207.044	-2.00	832+0.000	207.124	206.702	0.422	4.000	207.044	-2.00	4.264	206.649	-150.00
-4.191	206.913	-150.00	-4.000	207.200	-2.00	833+0.000	207.280	206.807	0.473	4.000	207.200	-2.00	4.154	206.969	-150.00
-4.209	207.009	-150.00	-4.000	207.322	-2.00	834+0.000	207.402	207.012	0.391	4.000	207.322	-2.00	4.117	207.146	-150.00
-4.180	206.842	-150.00	-4.000	207.112	-2.00	835+0.000	207.192	206.769	0.424	4.000	207.112	-2.00	4.118	206.935	-150.00
-4.170	206.639	-150.00	-4.000	206.895	-2.00	836+0.000	206.975	206.589	0.386	4.000	206.895	-2.00	4.128	206.702	-150.00
-4.226	206.503	-150.00	-4.000	206.842	-2.00	837+0.000	206.922	206.545	0.376	4.000	206.842	-2.00	4.139	206.632	-150.00
-4.223	206.533	-150.00	-4.000	206.868	-2.00	838+0.000	206.948	206.563	0.385	4.000	206.868	-2.00	4.150	206.642	-150.00
-4.216	206.847	-150.00	-4.000	207.171	-2.00	839+0.000	207.251	206.890	0.361	4.000	207.171	-2.00	4.159	206.933	-150.00
-4.152	207.585	-150.00	-4.000	207.812	-2.00	840+0.000	207.892	207.583	0.309	4.000	207.812	-2.00	4.154	207.581	-150.00
-4.129	208.920	-150.00	-4.000	209.113	-2.00	841+0.000	209.193	208.898	0.296	4.000	209.113	-2.00	4.105	208.956	-150.00
-4.114	210.668	-150.00	-4.000	210.839	-2.00	842+0.000	210.919	210.620	0.299	4.000	210.839	-2.00	4.174	210.578	-150.00
-4.108	212.677	-150.00	-4.000	212.839	-2.00	843+0.000	212.919	212.632	0.287	4.000	212.839	-2.00	4.168	212.587	-150.00
-4.101	214.600	-150.00	-4.000	214.752	-2.00	844+0.000	214.832	214.532	0.299	4.000	214.752	-2.00	4.193	214.463	-150.00
-4.131	216.299	-150.00	-4.000	216.496	-2.00	845+0.000	216.576	216.265	0.311	4.000	216.496	-2.00	4.197	216.200	-150.00
-4.141	217.608	-150.00	-4.000	217.820	-2.00	846+0.000	217.900	217.571	0.329	4.000	217.820	-2.00	4.192	217.532	-150.00
-4.151	218.714	-150.00	-4.000	218.940	-2.00	847+0.000	219.020	218.684	0.336	4.000	218.940	-2.00	4.191	218.654	-150.00
-4.149	219.749	-150.00	-4.000	219.972	-2.00	848+0.000	220.052	219.718	0.334	4.000	219.972	-2.00	4.189	219.688	-150.00
-4.119	220.893	-150.00	-4.000	221.071	-2.00	849+0.000	221.151	220.868	0.284	4.000	221.071	-2.00	4.153	220.842	-150.00
-4.296	221.794	-150.00	-4.000	222.237	-2.00	850+0.000	222.317	222.032	0.285	4.000	222.237	-2.00	4.071	222.131	-150.00
-4.326	222.899	-150.00	-4.000	223.388	-2.00	851+0.000	223.468	223.174	0.294	4.000	223.388	-2.00	4.068	223.433	66.67
-4.299	224.069	-150.00	-4.000	224.517	-2.00	852+0.000	224.597	224.331	0.266	4.000	224.517	-2.00	4.096	224.581	66.67
-4.359	225.090	-150.00	-4.000	225.628	-2.00	853+0.000	225.708	225.406	0.302	4.000	225.628	-2.00	4.140	225.721	66.67
-4.303	225.992	-150.00	-4.000	226.446	-2.00	854+0.000	226.526	226.288	0.238	4.000	226.446	-2.00	4.195	226.576	66.67
-4.385	226.661	-150.00	-4.000	227.239	-2.00	855+0.000	227.319	226.944	0.375	4.000	227.239	-2.00			
-4.405	226.834	-150.00	-4.000	227.441	-2.00	856+0.000	227.521	227.114	0.407	4.000	227.441	-2.00	4.046	227.372	-150.00
-4.367	227.074	-150.00	-4.000	227.624	-2.00	857+0.000	227.704	227.328	0.376	4.000	227.624	-2.00	4.041	227.563	-150.00
-4.374	227.094	-150.00	-4.000	227.655	-2.00	858+0.000	227.735	227.354	0.381	4.000	227.655	-2.00	4.040	227.595	-150.00
-4.308	227.219	-150.00	-4.000	227.681	-2.00	859+0.000	227.761	227.386	0.375	4.000	227.681	-2.00	4.046	227.613	-150.00
-4.139	228.172	-150.00	-4.000	228.381	-2.00	860+0.000	228.461	228.088	0.374	4.000	228.381	-2.00	4.306	227.922	-150.00
-4.085	228.376	-150.00	-4.000	228.503	-2.00	861+0.000	228.583	228.221	0.362	4.000	228.503	-2.00	4.165	228.255	-150.00
-4.036	228.570	-150.00	-4.000	228.623	-2.00	862+0.000	228.703	228.431	0.272	4.000	228.623	-2.00	4.129	228.429	-150.00
-4.128	228.552	-150.00	-4.000	228.743	-2.00	863+0.000	228.823	228.480	0.343	4.000	228.743	-2.00	4.225	228.406	-150.00
-4.146	228.644	-150.00	-4.000	228.863	-2.00	864+0.000	228.943	228.551	0.392	4.000	228.863	-2.00	4.272	228.455	-150.00
-4.195	228.690	-150.00	-4.000	228.983	-2.00	865+0.000	229.063	228.574	0.489	4.000	228.983	-2.00	4.353	228.454	-150.00
-4.173	228.844	-150.00	-4.000	229.103	-2.00	866+0.000	229.183	228.736	0.448	4.000	229.103	-2.00	4.309	228.640	-150.00
-4.234	228.878	-150.00	-4.000	229.228	-2.00	867+0.000	229.308	228.835	0.473	4.000	229.228	-2.00	4.291	228.792	-150.00
-4.308	228.899	-150.00	-4.000	229.361	-2.00	868+0.000	229.441	228.868	0.573	4.000	229.361	-2.00	4.349	228.838	-150.00
-4.279	229.075	-150.00	-4.000	229.493	-2.00	869+0.000	229.573	229.037	0.536	4.000	229.493	-2.00	4.325	229.006	-150.00
-4.245	229.258	-150.00	-4.000	229.626	-2.00	870+0.000	229.706	229.284	0.422	4.000	229.626	-2.00	4.210	229.311	-150.00
-4.220	229.429	-150.00	-4.000	229.758	-2.00	871+0.000	229.838	229.437	0.402	4.000	229.758	-2.00	4.209	229.445	-150.00
-4.249	229.326	-150.00	-4.000	229.699	-2.00	872+0.000	229.779	229.392	0.387	4.000	229.699	-2.00	4.161	229.457	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Sacid)

-4.256	228.903	-150.00	-4.000	229.287	-2.00	873+0.000	229.367	228.969	0.398	4.000	229.287	-2.00	4.160	229.047	-150.00
-4.180	228.606	-150.00	-4.000	228.876	-2.00	874+0.000	228.956	228.606	0.350	4.000	228.876	-2.00	4.165	228.629	-150.00
-4.186	228.304	-150.00	-4.000	228.584	-2.00	875+0.000	228.664	228.316	0.348	4.000	228.584	-2.00	4.179	228.315	-150.00
-4.231	227.784	-150.00	-4.000	228.131	-2.00	876+0.000	228.211	227.785	0.426	4.000	228.131	-2.00	4.230	227.785	-150.00
-4.214	227.146	-150.00	-4.000	227.466	-2.00	877+0.000	227.546	227.122	0.425	4.000	227.466	-2.00	4.248	227.094	-150.00
-4.156	226.426	-150.00	-4.000	226.659	-2.00	878+0.000	226.739	226.391	0.349	4.000	226.659	-2.00	4.203	226.355	-150.00
-4.192	225.562	-150.00	-4.000	225.850	-2.00	879+0.000	225.930	225.532	0.398	4.000	225.850	-2.00	4.232	225.501	-150.00
-4.191	224.751	-150.00	-4.000	225.037	-2.00	880+0.000	225.117	224.649	0.469	4.000	225.037	-2.00	4.336	224.533	-150.00
-4.148	223.522	-150.00	-4.000	223.744	-2.00	881+0.000	223.824	223.343	0.481	4.000	223.744	-2.00	4.394	223.153	-150.00
-4.149	221.927	-150.00	-4.000	222.150	-2.00	882+0.000	222.230	221.738	0.492	4.000	222.150	-2.00	4.401	221.548	-150.00
-4.067	220.268	-150.00	-4.000	220.368	-2.00	883+0.000	220.448	219.980	0.468	4.000	220.368	-2.00	4.470	219.664	-150.00
-4.077	217.713	-150.00	-4.000	217.829	-2.00	884+0.000	217.909	217.431	0.478	4.000	217.829	-2.00	4.472	217.121	-150.00
-4.087	214.977	-150.00	-4.000	215.108	-2.00	885+0.000	215.188	214.586	0.601	4.000	215.108	-2.00	4.639	214.149	-150.00
-4.082	212.058	-150.00	-4.000	212.181	-2.00	886+0.000	212.261	211.498	0.763	4.000	212.181	-2.00	4.898	210.835	-150.00
-4.115	209.333	66.67	-4.000	209.256	-2.00	887+0.000	209.336	208.787	0.549	4.000	209.256	-2.00	4.765	208.108	-150.00
-4.182	206.515	66.67	-4.000	206.393	-2.00	888+0.000	206.473	205.864	0.610	4.000	206.393	-2.00	4.857	205.107	-150.00
			-4.000	203.171	-2.00	889+0.000	203.251	202.645	0.607	4.000	203.171	-2.00	4.763	202.027	-150.00
-4.042	199.419	-150.00	-4.000	199.483	-2.00	890+0.000	199.563	198.963	0.600	4.000	199.483	-2.00	4.688	198.452	-150.00
-4.145	195.471	-150.00	-4.000	195.689	-2.00	891+0.000	195.769	195.238	0.531	4.000	195.689	-2.00	4.621	194.757	-150.00
-4.162	191.697	-150.00	-4.000	191.941	-2.00	892+0.000	192.021	191.453	0.568	4.000	191.941	-2.00	4.553	191.111	-150.00
-4.307	188.042	-150.00	-4.000	188.502	-2.00	893+0.000	188.582	188.046	0.536	4.000	188.502	-2.00	4.301	188.051	-150.00
-4.270	185.483	-150.00	-4.000	185.888	-2.00	894+0.000	185.968	185.475	0.493	4.000	185.888	-2.00	4.280	185.467	-150.00
-4.308	183.607	-150.00	-4.000	184.069	-2.00	895+0.000	184.149	183.706	0.443	4.000	184.069	-2.00	4.167	183.818	-150.00
-4.234	182.287	-150.00	-4.000	182.639	-2.00	896+0.000	182.719	182.330	0.388	4.000	182.639	-2.00	4.156	182.405	-150.00
-4.214	182.011	-150.00	-4.000	182.331	-2.00	897+0.000	182.411	182.058	0.353	4.000	182.331	-2.00	4.152	182.103	-150.00
-4.155	181.794	-150.00	-4.000	182.027	-2.00	898+0.000	182.107	181.838	0.269	4.000	182.027	-2.00	4.128	181.834	-150.00
-4.220	181.392	-150.00	-4.000	181.723	-2.00	899+0.000	181.803	181.389	0.413	4.000	181.723	-2.00	4.224	181.387	-150.00
-4.159	181.180	-150.00	-4.000	181.418	-2.00	900+0.000	181.498	181.130	0.369	4.000	181.418	-2.00	4.226	181.079	-150.00
-4.225	180.562	-150.00	-4.000	180.900	-2.00	901+0.000	180.980	180.546	0.434	4.000	180.900	-2.00	4.269	180.497	-150.00
-4.167	179.773	-150.00	-4.000	180.024	-2.00	902+0.000	180.104	179.668	0.435	4.000	180.024	-2.00	4.309	179.560	-150.00
-4.223	178.481	-150.00	-4.000	178.815	-2.00	903+0.000	178.895	178.423	0.472	4.000	178.815	-2.00	4.300	178.366	-150.00
-4.241	177.089	-150.00	-4.000	177.451	-2.00	904+0.000	177.531	177.093	0.438	4.000	177.451	-2.00	4.244	177.085	-150.00
-4.236	175.732	-150.00	-4.000	176.086	-2.00	905+0.000	176.166	175.761	0.405	4.000	176.086	-2.00	4.197	175.790	-150.00
-4.240	174.597	-150.00	-4.000	174.957	-2.00	906+0.000	175.037	174.637	0.400	4.000	174.957	-2.00	4.187	174.677	-150.00
-4.215	174.054	-150.00	-4.000	174.376	-2.00	907+0.000	174.456	174.087	0.369	4.000	174.376	-2.00	4.170	174.120	-150.00
-4.167	174.093	-150.00	-4.000	174.344	-2.00	908+0.000	174.424	174.115	0.309	4.000	174.344	-2.00	4.138	174.137	-150.00
-4.225	174.562	-150.00	-4.000	174.899	-2.00	909+0.000	174.979	174.608	0.372	4.000	174.899	-2.00	4.165	174.652	-150.00
-4.313	175.411	-150.00	-4.000	175.880	-2.00	910+0.000	175.960	175.449	0.511	4.000	175.880	-2.00	4.262	175.487	-150.00
-4.259	176.471	-150.00	-4.000	176.860	-2.00	911+0.000	176.940	176.557	0.383	4.000	176.860	-2.00	4.158	176.623	-150.00
-4.256	177.456	-150.00	-4.000	177.840	-2.00	912+0.000	177.920	177.575	0.345	4.000	177.840	-2.00	4.101	177.689	-150.00
-4.234	178.436	-150.00	-4.000	178.787	-2.00	913+0.000	178.867	178.563	0.304	4.000	178.787	-2.00	4.068	178.685	-150.00
-4.304	179.132	-150.00	-4.000	179.588	-2.00	914+0.000	179.668	179.293	0.374	4.000	179.588	-2.00	4.094	179.447	-150.00
-4.279	179.612	-150.00	-4.000	180.030	-2.00	915+0.000	180.110	179.736	0.374	4.000	180.030	-2.00	4.117	179.855	-150.00
-4.355	179.759	-150.00	-4.000	180.291	-2.00	916+0.000	180.371	179.983	0.388	4.000	180.291	-2.00	4.076	180.177	-150.00
-4.318	179.630	-150.00	-4.000	180.107	-2.00	917+0.000	180.187	179.802	0.385	4.000	180.107	-2.00	4.094	179.965	-150.00
-4.325	179.276	-150.00	-4.000	179.763	-2.00	918+0.000	179.843	179.454	0.389	4.000	179.763	-2.00	4.107	179.602	-150.00
-4.331	178.753	-150.00	-4.000	179.250	-2.00	919+0.000	179.330	178.905	0.424	4.000	179.250	-2.00	4.170	178.994	-150.00
-4.333	178.115	-150.00	-4.000	178.614	-2.00	920+0.000	178.694	178.186	0.508	4.000	178.614	-2.00	4.239	178.256	-150.00
-4.269	177.575	-150.00	-4.000	177.978	-2.00	921+0.000	178.058	177.639	0.419	4.000	177.978	-2.00	4.184	177.702	-150.00
-4.277	176.962	-150.00	-4.000	177.378	-2.00	922+0.000	177.458	177.055	0.403	4.000	177.378	-2.00	4.154	177.146	-150.00
-4.275	176.630	-150.00	-4.000	177.043	-2.00	923+0.000	177.123	176.724	0.400	4.000	177.043	-2.00	4.191	176.757	-150.00
-4.259	176.429	-150.00	-4.000	176.816	-2.00	924+0.000	176.896	176.434	0.462	4.000	176.816	-2.00	4.251	176.440	-150.00
-4.274	176.247	-150.00	-4.000	176.658	-2.00	925+0.000	176.738	176.235	0.503	4.000	176.658	-2.00	4.290	176.222	-150.00
-4.205	176.191	-150.00	-4.000	176.499	-2.00	926+0.000	176.579	176.173	0.406	4.000	176.499	-2.00	4.230	176.154	-150.00
-4.154	176.254	-150.00	-4.000	176.485	-2.00	927+0.000	176.565	176.198	0.367	4.000	176.485	-2.00	4.234	176.135	-150.00
-4.153	176.355	-150.00	-4.000	176.585	-2.00	928+0.000	176.665	176.294	0.372	4.000	176.585	-2.00	4.237	176.230	-150.00
-4.101	176.676	-150.00	-4.000	176.827	-2.00	929+0.000	176.907	176.574	0.333	4.000	176.827	-2.00	4.239	176.469	-150.00
-4.134	176.907	-150.00	-4.000	177.108	-2.00	930+0.000	177.188	176.760	0.429	4.000	177.108	-2.00	4.337	176.602	-150.00
-4.153	177.256	-150.00	-4.000	177.486	-2.00	931+0.000	177.566	177.159	0.406	4.000	177.486	-2.00	4.284	177.060	-150.00
-4.136	177.885	-150.00	-4.000	178.089	-2.00	932+0.000	178.169	177.756	0.413	4.000	178.089	-2.00	4.312	177.622	-150.00
-4.125	178.520	-150.00	-4.000	178.708	-2.00	933+0.000	178.788	178.379	0.409	4.000	178.708	-2.00	4.318	178.231	-150.00
-4.138	179.141	-150.00	-4.000	179.349	-2.00	934+0.000	179.429	178.969	0.460	4.000	179.349	-2.00	4.322	178.866	-150.00
-4.160	179.750	-150.00	-4.000	179.990	-2.00	935+0.000	180.070	179.670	0.400	4.000	179.990	-2.00	4.269	179.587	-150.00
-4.145	180.414	-150.00	-4.000	180.631	-2.00	936+0.000	180.711	180.324	0.387	4.000	180.631	-2.00	4.265	180.233	-150.00
-4.168	181.020	-150.00	-4.000	181.273	-2.00	937+0.000	181.353	180.941	0.412	4.000	181.273	-2.00	4.276	180.859	-150.00
-4.140	181.561	-150.00	-4.000	181.771	-2.00	938+0.000	181.851	181.483	0.368	4.000	181.771	-2.00	4.202	181.468	-150.00
-4.117	182.087	-150.00	-4.000	182.262	-2.00	939+0.000	182.342	182.081	0.260	4.000	182.262	-2.00	4.124	182.076	-150.00
-4.123	182.568	-150.00	-4.000	182.752	-2.00	940+0.000	182.832	182.545	0.288	4.000	182.752	-2.00	4.153	182.522	-150.00
-4.171	182.986	-150.00	-4.000	183.243	-2.00	941+0.000	183.323	182.960	0.363	4.000	183.243	-2.00	4.204	182.936	-150.00
-4.217	183.266	-150.00	-4.000	183.591	-2.00	942+0.000	183.671	183.265	0.406	4.000	183.591	-2.00	4.211	183.275	-150.00
-4.194	183.332	-150.00	-4.000	183.623	-2.00	943+0.000	183.703	183.304	0.399	4.000	183.623	-2.00	4.232	183.275	-150.00
-4.143	183.059	-150.00	-4.000	183.274	-2.00	944+0.000	183.354	183.017	0.336	4.000	183.274	-2.00	4.230	182.928	-150.00
-4.200	182.243	-150.00	-4.000	182.543	-2.00	945+0.000	182.623	182.165	0.458	4.000	182.543	-2.00	4.314	182.073	-150.00
-4.135	181.240	-150.00	-4.000	181.443	-2.00	946+0.000	181.523	181.145	0.379	4.000	181.443	-2.00	4.265	181.046	-150.00
-4.094	180.094	-150.00	-4.000	180.235	-2.00	947+0.000	180.315	180.024	0.291	4.000	180.235	-2.00	4.189	179.952	-150.00
-4.164	178.782	-150.00	-4.000	179.028	-2.00	948+0.000	179.108	178.717	0.391	4.000	179.028	-2.00	4.254	178.646	-150.00
-4.209	177.506	-150.00	-4.000	177.820	-2.00	949+0.000	177.900	177.435	0.465	4.000	177.820	-2.00	4.285	177.392	-150.00
-4.222	176.305	-150.00	-4.000	176.638	-2.00	950+0.000	176.718	176.288	0.430	4.000	176.638	-2.00	4.244	176.272	-150.00
-4.246	175.498	-150.00	-4.000	175.866	-2.00	951+0.000	175.946	175.553	0.393	4.000	175.866	-2.00	4.226	175.527	-150.00
-4.292	174.704	-150.00	-4.000	175.143	-2.00	952+0.000	175.223	174.737	0.486	4.000	175.143	-2.00	4.249	174.770	-150.00

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-4.233	174.074	-150.00	-4.000	174.424	-2.00	953+0.000	174.504	174.115	0.389	4.000	174.424	-2.00	4.155	174.191	-150.00
-4.279	173.826	-150.00	-4.000	174.245	-2.00	954+0.000	174.325	173.984	0.341	4.000	174.245	-2.00	4.112	174.077	-150.00
-4.304	173.811	-150.00	-4.000	174.267	-2.00	955+0.000	174.347	173.970	0.377	4.000	174.267	-2.00	4.097	174.122	-150.00
-4.234	174.474	-150.00	-4.000	174.825	-2.00	956+0.000	174.905	174.579	0.326	4.000	174.825	-2.00	4.096	174.681	-150.00
-4.203	175.330	-150.00	-4.000	175.634	-2.00	957+0.000	175.714	175.381	0.334	4.000	175.634	-2.00	4.137	175.429	-150.00
-4.249	176.259	-150.00	-4.000	176.633	-2.00	958+0.000	176.713	176.311	0.403	4.000	176.633	-2.00	4.181	176.361	-150.00
-4.266	177.278	-150.00	-4.000	177.678	-2.00	959+0.000	177.758	177.319	0.438	4.000	177.678	-2.00	4.212	177.360	-150.00
-4.199	178.423	-150.00	-4.000	178.722	-2.00	960+0.000	178.802	178.470	0.332	4.000	178.722	-2.00	4.136	178.518	-150.00
-4.196	179.602	-150.00	-4.000	179.896	-2.00	961+0.000	179.976	179.648	0.328	4.000	179.896	-2.00	4.135	179.694	-150.00
-4.173	180.818	-150.00	-4.000	181.078	-2.00	962+0.000	181.158	180.898	0.260	4.000	181.078	-2.00	4.069	180.975	-150.00
-4.209	181.945	-150.00	-4.000	182.259	-2.00	963+0.000	182.339	182.033	0.306	4.000	182.259	-2.00	4.094	182.118	-150.00
-4.247	183.023	-150.00	-4.000	183.394	-2.00	964+0.000	183.474	183.138	0.336	4.000	183.394	-2.00	4.128	183.203	-150.00
-4.171	183.959	-150.00	-4.000	184.214	-2.00	965+0.000	184.294	184.026	0.268	4.000	184.214	-2.00	4.081	184.093	-150.00
-4.189	184.733	-150.00	-4.000	185.017	-2.00	966+0.000	185.097	184.817	0.280	4.000	185.017	-2.00	4.079	184.898	-150.00
-4.255	185.418	-150.00	-4.000	185.800	-2.00	967+0.000	185.880	185.521	0.359	4.000	185.800	-2.00	4.124	185.614	-150.00
-4.166	185.808	-150.00	-4.000	186.057	-2.00	968+0.000	186.137	185.885	0.251	4.000	186.057	-2.00	4.096	185.912	-150.00
-4.138	185.946	-150.00	-4.000	186.153	-2.00	969+0.000	186.233	185.997	0.236	4.000	186.153	-2.00	4.070	186.047	-150.00
-4.227	185.858	-150.00	-4.000	186.199	-2.00	970+0.000	186.279	185.903	0.376	4.000	186.199	-2.00	4.168	185.946	-150.00
-4.178	185.574	-150.00	-4.000	185.841	-2.00	971+0.000	185.921	185.626	0.295	4.000	185.841	-2.00	4.110	185.676	-150.00
-4.105	185.156	-150.00	-4.000	185.313	-2.00	972+0.000	185.393	185.235	0.158	4.000	185.313	-2.00	4.009	185.299	-150.00
-4.148	184.564	-150.00	-4.000	184.786	-2.00	973+0.000	184.866	184.653	0.212	4.000	184.786	-2.00	4.035	184.733	-150.00
-4.058	183.781	-150.00	-4.000	183.869	-2.00	974+0.000	183.949	183.874	0.074	4.000	183.869	-2.00	4.152	183.970	66.67
-4.032	182.765	-150.00	-4.000	182.812	-2.00	975+0.000	182.892	182.892	0.000	4.000	182.812	-2.00	4.325	183.029	66.67

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SECRETARIA DAS **CIDADES** - SECID

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

TRECHO 3: MUNICÍPIO DE ARRAIAL AO MUNICÍPIO DE REGENERAÇÃO (POV. JACARÉ)

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	0,570	0,190	0,000	0,000	0,000	0,000	0,000
1+0,00	0,020	1,380	5,870	15,750	5,870	15,750	-9,880
2+0,00	0,000	2,310	0,200	36,970	6,070	52,720	-46,650
3+0,00	0,000	2,730	0,000	50,390	6,070	103,110	-97,040
4+0,00	0,000	2,880	0,000	56,130	6,070	159,250	-153,180
5+0,00	0,000	3,230	0,000	61,120	6,070	220,370	-214,300
6+0,00	0,000	3,020	0,000	62,560	6,070	282,930	-276,860
7+0,00	0,000	3,150	0,000	61,810	6,070	344,740	-338,670
8+0,00	0,000	3,430	0,000	65,810	6,070	410,550	-404,480
9+0,00	0,000	3,600	0,000	70,450	6,070	481,000	-474,930
10+0,00	0,000	3,260	0,000	68,620	6,070	549,620	-543,550
11+0,00	0,000	3,230	0,000	64,820	6,070	614,440	-608,370
12+0,00	0,000	2,750	0,000	59,790	6,070	674,230	-668,160
13+0,00	0,000	2,610	0,000	54,060	6,070	728,290	-722,220
14+0,00	0,000	2,360	0,000	49,410	6,070	777,700	-771,630
15+0,00	0,000	2,470	0,000	48,390	6,070	826,090	-820,020
16+0,00	0,000	2,640	0,000	50,980	6,070	877,060	-870,990
17+0,00	0,000	1,970	0,000	46,090	6,070	923,150	-917,080
18+0,00	0,000	1,960	0,000	39,450	6,070	962,600	-956,530
19+0,00	0,000	1,750	0,000	37,070	6,070	999,670	-993,600
20+0,00	0,000	2,200	0,000	39,520	6,070	1039,190	-1033,120
21+0,00	0,000	2,720	0,000	49,190	6,070	1088,380	-1082,310
22+0,00	0,000	2,830	0,000	55,520	6,070	1143,910	-1137,840
23+0,00	0,000	2,900	0,000	57,100	6,070	1201,000	-1194,930
24+0,00	0,000	2,940	0,000	58,380	6,070	1259,390	-1253,320
25+0,00	0,000	2,650	0,000	55,850	6,070	1315,230	-1309,160
26+0,00	0,000	2,690	0,000	53,350	6,070	1368,580	-1362,510
27+0,00	0,000	2,820	0,000	55,040	6,070	1423,620	-1417,550
28+0,00	0,000	2,630	0,000	54,080	6,070	1477,690	-1471,620
29+0,00	0,000	2,590	0,000	52,190	6,070	1529,890	-1523,820
30+0,00	0,000	2,300	0,000	48,590	6,070	1578,480	-1572,410
31+0,00	0,000	2,680	0,000	49,780	6,070	1628,260	-1622,190
32+0,00	0,000	2,560	0,000	52,270	6,070	1680,530	-1674,460
33+0,00	0,000	2,520	0,000	50,790	6,070	1731,320	-1725,250
34+0,00	0,000	2,520	0,000	50,360	6,070	1781,680	-1775,610
35+0,00	0,000	2,370	0,000	48,880	6,070	1830,560	-1824,490
36+0,00	0,000	2,430	0,000	48,040	6,070	1878,600	-1872,530
37+0,00	0,000	2,450	0,000	48,800	6,070	1927,400	-1921,330
38+0,00	0,000	2,020	0,000	44,700	6,070	1972,090	-1966,020
39+0,00	0,000	1,370	0,000	33,930	6,070	2006,020	-1999,950
40+0,00	0,000	1,570	0,000	29,350	6,070	2035,370	-2029,300
41+0,00	0,000	2,010	0,000	35,780	6,080	2071,150	-2065,070
42+0,00	0,000	2,330	0,000	43,420	6,080	2114,570	-2108,490
43+0,00	0,000	2,490	0,000	48,240	6,080	2162,810	-2156,730
44+0,00	0,000	2,500	0,000	49,950	6,080	2212,760	-2206,680
45+0,00	0,000	2,550	0,000	50,480	6,080	2263,250	-2257,170
46+0,00	0,000	2,580	0,000	51,280	6,080	2314,530	-2308,450
47+0,00	0,000	2,680	0,000	52,660	6,080	2367,190	-2361,110
48+0,00	0,000	2,810	0,000	54,970	6,080	2422,160	-2416,080
49+0,00	0,000	2,990	0,000	58,010	6,080	2480,170	-2474,090
50+0,00	0,000	2,880	0,000	58,700	6,080	2538,870	-2532,790
51+0,00	0,000	2,830	0,000	57,080	6,080	2595,950	-2589,870
52+0,00	0,000	2,460	0,000	52,900	6,080	2648,850	-2642,770
53+0,00	0,000	2,930	0,000	53,860	6,080	2702,720	-2696,640
54+0,00	0,000	2,600	0,000	55,290	6,080	2758,000	-2751,920

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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)
55+0,00	0,000	2,720	0,000	53,210	6,080	2811,210	-2805,130
56+0,00	0,000	2,990	0,000	57,100	6,080	2868,310	-2862,230
57+0,00	0,000	3,310	0,000	63,060	6,080	2931,360	-2925,280
58+0,00	0,000	2,580	0,000	58,880	6,080	2990,250	-2984,170
59+0,00	0,000	3,520	0,000	60,930	6,080	3051,180	-3045,100
60+0,00	0,000	3,200	0,000	67,200	6,080	3118,380	-3112,300
61+0,00	0,000	1,700	0,000	49,000	6,080	3167,380	-3161,300
62+0,00	0,000	3,170	0,000	48,660	6,080	3216,040	-3209,960
63+0,00	0,000	3,100	0,000	62,710	6,080	3278,750	-3272,670
64+0,00	0,000	3,150	0,000	62,480	6,080	3341,230	-3335,150
65+0,00	0,000	3,510	0,000	66,580	6,080	3407,810	-3401,730
66+0,00	0,000	3,130	0,000	66,440	6,080	3474,250	-3468,170
67+0,00	0,000	3,250	0,000	63,790	6,080	3538,040	-3531,960
68+0,00	0,000	2,580	0,000	58,220	6,080	3596,260	-3590,180
69+0,00	0,000	2,770	0,000	53,500	6,080	3649,760	-3643,680
70+0,00	0,000	2,800	0,000	55,580	6,080	3705,340	-3699,260
71+0,00	0,000	2,660	0,000	54,520	6,080	3759,860	-3753,780
72+0,00	0,000	2,560	0,000	52,160	6,080	3812,020	-3805,940
73+0,00	0,000	2,460	0,000	50,190	6,080	3862,210	-3856,130
74+0,00	0,000	2,740	0,000	51,980	6,080	3914,190	-3908,110
75+0,00	0,000	3,000	0,000	57,340	6,080	3971,530	-3965,450
76+0,00	0,000	2,880	0,000	58,440	6,080	4029,970	-4023,890
77+0,00	0,000	3,060	0,000	58,900	6,080	4088,870	-4082,790
78+0,00	0,000	2,820	0,000	58,760	6,080	4147,630	-4141,550
79+0,00	0,000	3,480	0,000	62,880	6,080	4210,500	-4204,420
80+0,00	0,000	3,750	0,000	72,330	6,080	4282,830	-4276,750
81+0,00	0,000	4,630	0,000	83,820	6,080	4366,650	-4360,570
82+0,00	0,000	4,070	0,000	87,000	6,080	4453,650	-4447,570
83+0,00	0,000	3,160	0,000	72,280	6,080	4525,930	-4519,850
84+0,00	0,000	3,060	0,000	62,190	6,080	4588,120	-4582,040
85+0,00	0,000	1,850	0,000	49,060	6,080	4637,180	-4631,100
86+0,00	0,000	2,230	0,000	40,730	6,080	4677,910	-4671,830
87+0,00	0,000	3,040	0,000	52,610	6,080	4730,530	-4724,450
88+0,00	0,000	2,560	0,000	56,000	6,080	4786,520	-4780,440
89+0,00	0,000	2,600	0,000	51,460	6,080	4837,980	-4831,900
90+0,00	0,000	2,460	0,000	50,420	6,080	4888,400	-4882,320
91+0,00	0,000	2,230	0,000	46,840	6,080	4935,240	-4929,160
92+0,00	0,000	2,000	0,000	42,300	6,080	4977,540	-4971,460
93+0,00	0,000	1,970	0,000	39,740	6,080	5017,270	-5011,190
94+0,00	0,000	2,250	0,000	42,210	6,080	5059,480	-5053,400
95+0,00	0,000	2,760	0,000	50,090	6,080	5109,580	-5103,500
96+0,00	0,000	2,390	0,000	51,500	6,080	5161,070	-5154,990
97+0,00	0,000	2,090	0,000	44,830	6,080	5205,910	-5199,830
98+0,00	0,000	2,340	0,000	44,360	6,080	5250,260	-5244,180
99+0,00	0,000	2,340	0,000	46,810	6,080	5297,070	-5290,990
100+0,00	0,000	2,700	0,000	50,360	6,080	5347,440	-5341,360
101+0,00	0,000	2,850	0,000	55,510	6,080	5402,940	-5396,860
102+0,00	0,000	2,690	0,000	55,380	6,080	5458,320	-5452,240
103+0,00	0,000	2,540	0,000	52,300	6,080	5510,610	-5504,530
104+0,00	0,000	3,310	0,000	58,500	6,080	5569,120	-5563,040
105+0,00	0,000	3,750	0,000	70,580	6,080	5639,700	-5633,620
106+0,00	0,000	2,740	0,000	64,910	6,080	5704,610	-5698,530
107+0,00	0,000	2,030	0,000	47,650	6,080	5752,260	-5746,180
108+0,00	0,020	0,930	0,190	29,530	6,270	5781,790	-5775,520
109+0,00	0,000	2,360	0,190	32,930	6,460	5814,720	-5808,260
110+0,00	0,000	2,980	0,000	53,410	6,460	5868,130	-5861,670
111+0,00	0,000	2,860	0,000	58,380	6,460	5926,510	-5920,050
112+0,00	0,000	2,640	0,000	55,050	6,460	5981,560	-5975,100
113+0,00	0,000	2,730	0,000	53,740	6,460	6035,310	-6028,850
114+0,00	0,000	2,820	0,000	55,540	6,460	6090,850	-6084,390
115+0,00	0,000	2,950	0,000	57,760	6,460	6148,610	-6142,150
116+0,00	0,000	2,970	0,000	59,230	6,460	6207,840	-6201,380
117+0,00	0,000	2,730	0,000	57,000	6,460	6264,840	-6258,380
118+0,00	0,000	2,630	0,000	53,580	6,460	6318,420	-6311,960
119+0,00	0,000	2,600	0,000	52,270	6,460	6370,690	-6364,230

Osvaldo Leôncio da [illegible] Filho
Diretor da Unidade de [illegible]mas
Projetos e Obras - UPO
Secretaria das Cidades (S[illegible]d

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	2,660	0,000	52,560	6,460	6423,250	-6416,790
121+0,00	0,000	2,480	0,000	51,340	6,460	6474,590	-6468,130
122+0,00	0,000	2,520	0,000	50,000	6,460	6524,590	-6518,130
123+0,00	0,000	2,520	0,000	50,450	6,460	6575,040	-6568,580
124+0,00	0,000	3,220	0,000	57,460	6,460	6632,500	-6626,040
125+0,00	0,000	2,110	0,040	53,340	6,500	6685,840	-6679,340
126+0,00	0,020	2,440	0,260	45,470	6,750	6731,300	-6724,550
127+0,00	0,160	2,350	1,840	47,900	8,590	6779,210	-6770,620
128+0,00	0,210	2,350	3,710	47,060	12,300	6826,260	-6813,960
129+0,00	0,180	2,750	3,860	51,050	16,160	6877,320	-6861,160
130+0,00	0,150	3,310	3,270	60,600	19,430	6937,910	-6918,480
131+0,00	0,140	3,090	2,880	63,920	22,310	7001,830	-6979,520
132+0,00	0,100	3,250	2,330	63,320	24,650	7065,150	-7040,500
133+0,00	0,000	3,340	0,950	65,820	25,600	7130,970	-7105,370
134+0,00	0,040	2,600	0,410	59,340	26,000	7190,320	-7164,320
135+0,00	0,000	3,790	0,410	63,840	26,410	7254,160	-7227,750
136+0,00	0,000	3,920	0,000	77,080	26,410	7331,240	-7304,830
137+0,00	0,000	3,590	0,000	75,130	26,410	7406,360	-7379,950
138+0,00	0,000	2,940	0,000	65,280	26,410	7471,640	-7445,230
139+0,00	0,000	2,590	0,040	55,250	26,440	7526,890	-7500,450
140+0,00	0,000	3,150	0,040	57,380	26,480	7584,280	-7557,800
141+0,00	0,000	3,320	0,000	64,390	26,480	7648,660	-7622,180
142+0,00	0,000	3,200	0,000	65,230	26,480	7713,890	-7687,410
143+0,00	0,000	3,080	0,000	62,810	26,480	7776,700	-7750,220
144+0,00	0,000	3,510	0,000	65,820	26,480	7842,530	-7816,050
145+0,00	0,000	2,850	0,000	62,530	26,480	7905,060	-7878,580
146+0,00	0,000	3,770	0,000	66,260	26,480	7971,310	-7944,830
147+0,00	0,000	3,460	0,000	72,340	26,480	8043,650	-8017,170
148+0,00	0,000	2,560	0,000	60,210	26,480	8103,860	-8077,380
149+0,00	0,000	2,700	0,000	52,650	26,480	8156,510	-8130,030
150+0,00	0,000	2,740	0,000	54,460	26,480	8210,980	-8184,500
151+0,00	0,000	2,740	0,000	54,850	26,480	8265,830	-8239,350
152+0,00	0,000	2,660	0,000	54,000	26,480	8319,830	-8293,350
153+0,00	0,000	2,720	0,000	53,730	26,480	8373,560	-8347,080
154+0,00	0,000	2,040	0,000	47,600	26,480	8421,160	-8394,680
155+0,00	0,000	1,950	0,000	39,900	26,480	8461,060	-8434,580
156+0,00	0,000	2,290	0,000	42,380	26,480	8503,430	-8476,950
157+0,00	0,000	2,980	0,000	52,740	26,480	8556,170	-8529,690
158+0,00	0,000	2,580	0,000	55,610	26,480	8611,780	-8585,300
159+0,00	0,000	2,390	0,000	49,680	26,480	8661,470	-8634,990
160+0,00	0,000	2,410	0,000	48,020	26,480	8709,480	-8683,000
161+0,00	0,000	2,310	0,000	47,250	26,480	8756,740	-8730,260
162+0,00	0,000	2,450	0,000	47,640	26,480	8804,380	-8777,900
163+0,00	0,000	2,710	0,000	51,660	26,480	8856,040	-8829,560
164+0,00	0,000	3,040	0,000	57,580	26,480	8913,620	-8887,140
165+0,00	0,000	3,100	0,000	61,450	26,480	8975,070	-8948,590
166+0,00	0,000	2,870	0,000	59,750	26,480	9034,820	-9008,340
167+0,00	0,000	2,780	0,000	56,500	26,480	9091,320	-9064,840
168+0,00	0,000	3,100	0,000	58,720	26,480	9150,040	-9123,560
169+0,00	0,000	2,640	0,000	57,370	26,480	9207,410	-9180,930
170+0,00	0,000	3,230	0,000	58,750	26,480	9266,160	-9239,680
171+0,00	0,000	3,100	0,000	63,370	26,480	9329,530	-9303,050
172+0,00	0,000	2,830	0,000	59,310	26,480	9388,840	-9362,360
173+0,00	0,000	2,760	0,000	55,910	26,480	9444,750	-9418,270
174+0,00	0,000	2,720	0,000	54,830	26,480	9499,580	-9473,100
175+0,00	0,000	2,700	0,000	54,160	26,480	9553,740	-9527,260
176+0,00	0,000	2,810	0,000	55,050	26,480	9608,790	-9582,310
177+0,00	0,000	3,120	0,000	59,270	26,480	9668,070	-9641,590
178+0,00	0,000	2,650	0,000	57,650	26,480	9725,720	-9699,240
179+0,00	0,000	2,460	0,000	51,030	26,480	9776,750	-9750,270
180+0,00	0,000	2,490	0,000	49,470	26,480	9826,220	-9799,740
181+0,00	0,000	2,520	0,000	50,090	26,480	9876,310	-9849,830
182+0,00	0,000	2,650	0,000	51,650	26,480	9927,960	-9901,480
183+0,00	0,000	2,560	0,000	52,030	26,480	9979,990	-9953,510
184+0,00	0,000	2,500	0,000	50,550	26,480	10030,550	-10004,070

Osvaldo Leôncio da Si... Filho
Diretor da Unidade de Prog...mas
Projetos e Obras - DUPPO
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)
185+0,00	0,000	2,500	0,000	50,010	26,480	10080,550	-10054,070
186+0,00	0,000	2,880	0,000	53,880	26,480	10134,430	-10107,950
187+0,00	0,000	3,030	0,000	59,180	26,480	10193,610	-10167,130
188+0,00	0,000	2,950	0,000	59,860	26,480	10253,470	-10226,990
189+0,00	0,000	2,760	0,000	57,140	26,480	10310,610	-10284,130
190+0,00	0,000	3,180	0,000	59,390	26,480	10369,990	-10343,510
191+0,00	0,000	4,110	0,000	72,840	26,480	10442,840	-10416,360
192+0,00	0,000	2,960	0,000	70,650	26,480	10513,490	-10487,010
193+0,00	0,000	2,950	0,000	59,070	26,480	10572,560	-10546,080
194+0,00	0,000	4,120	0,000	70,650	26,480	10643,210	-10616,730
195+0,00	0,000	3,510	0,000	76,260	26,480	10719,480	-10693,000
196+0,00	0,000	2,510	0,010	60,200	26,500	10779,670	-10753,170
197+0,00	0,000	2,630	0,010	51,400	26,510	10831,070	-10804,560
198+0,00	0,000	2,450	0,000	50,840	26,510	10881,910	-10855,400
199+0,00	0,000	2,480	0,000	49,340	26,510	10931,240	-10904,730
200+0,00	0,000	2,370	0,000	48,500	26,510	10979,750	-10953,240
201+0,00	0,000	2,540	0,000	49,080	26,510	11028,830	-11002,320
202+0,00	0,000	2,850	0,000	53,950	26,510	11082,780	-11056,270
203+0,00	0,000	2,810	0,000	56,640	26,510	11139,420	-11112,910
204+0,00	0,000	2,790	0,000	55,970	26,510	11195,390	-11168,880
205+0,00	0,000	2,720	0,000	55,050	26,510	11250,440	-11223,930
206+0,00	0,000	2,420	0,000	51,390	26,510	11301,830	-11275,320
207+0,00	0,000	2,550	0,000	49,750	26,510	11351,590	-11325,080
208+0,00	0,000	2,850	0,000	54,020	26,510	11405,610	-11379,100
209+0,00	0,000	3,120	0,000	59,670	26,510	11465,280	-11438,770
210+0,00	0,000	3,310	0,000	64,290	26,510	11529,570	-11503,060
211+0,00	0,000	2,030	0,000	53,450	26,510	11583,020	-11556,510
212+0,00	0,000	2,880	0,000	49,140	26,510	11632,160	-11605,650
213+0,00	0,000	2,230	0,000	51,090	26,510	11683,250	-11656,740
214+0,00	0,000	2,520	0,000	47,470	26,510	11730,720	-11704,210
215+0,00	0,000	1,460	0,000	39,820	26,510	11770,540	-11744,030
216+0,00	0,000	2,480	0,000	39,430	26,510	11809,960	-11783,450
217+0,00	0,000	3,140	0,000	56,200	26,510	11866,160	-11839,650
218+0,00	0,000	2,230	0,000	53,660	26,510	11919,830	-11893,320
219+0,00	0,000	3,200	0,000	54,270	26,510	11974,090	-11947,580
220+0,00	0,000	3,300	0,000	65,040	26,510	12039,130	-12012,620
221+0,00	0,000	3,350	0,000	66,490	26,510	12105,620	-12079,110
222+0,00	0,000	2,850	0,000	61,970	26,510	12167,590	-12141,080
223+0,00	0,000	2,940	0,000	57,780	26,510	12225,370	-12198,860
224+0,00	0,000	2,810	0,000	57,510	26,510	12282,880	-12256,370
225+0,00	0,000	2,740	0,000	55,550	26,510	12338,430	-12311,920
226+0,00	0,000	3,060	0,000	58,070	26,510	12396,510	-12370,000
227+0,00	0,000	2,930	0,000	60,200	26,510	12456,700	-12430,190
228+0,00	0,000	2,760	0,000	56,860	26,510	12513,570	-12487,060
229+0,00	0,000	2,700	0,000	54,780	26,510	12568,350	-12541,840
230+0,00	0,000	2,870	0,000	55,890	26,510	12624,240	-12597,730
231+0,00	0,000	2,810	0,000	56,960	26,510	12681,200	-12654,690
232+0,00	0,000	2,720	0,000	55,680	26,510	12736,880	-12710,370
233+0,00	0,000	2,420	0,000	51,900	26,510	12788,790	-12762,280
234+0,00	0,000	2,520	0,000	49,830	26,510	12838,610	-12812,100
235+0,00	0,000	2,890	0,000	54,260	26,510	12892,870	-12866,360
236+0,00	0,000	2,720	0,000	56,160	26,510	12949,030	-12922,520
237+0,00	0,000	2,610	0,000	53,300	26,510	13002,330	-12975,820
238+0,00	0,100	1,630	0,990	42,370	27,500	13044,700	-13017,200
239+0,00	0,000	2,540	0,990	41,730	28,490	13086,430	-13057,940
240+0,00	0,000	2,080	0,000	46,230	28,490	13132,660	-13104,170
241+0,00	0,000	2,960	0,000	50,430	28,490	13183,090	-13154,600
242+0,00	0,000	3,050	0,000	60,140	28,490	13243,230	-13214,740
243+0,00	0,000	2,950	0,000	60,050	28,490	13303,280	-13274,790
244+0,00	0,000	3,130	0,000	60,820	28,490	13364,100	-13335,610
245+0,00	0,000	2,720	0,000	58,480	28,490	13422,580	-13394,090
246+0,00	0,000	2,820	0,000	55,390	28,490	13477,970	-13449,480
247+0,00	0,000	2,260	0,000	50,710	28,490	13528,680	-13500,190
248+0,00	0,000	3,080	0,000	53,360	28,490	13582,040	-13553,550
249+0,00	0,000	2,800	0,000	58,790	28,490	13640,830	-13612,340

Osvaldo Leôncio da [illegible] Filho
Diretor da Unidade de [illegible]amas
Projetos e Obras - DUPO
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)
250+0,00	0,000	2,840	0,000	56,390	28,490	13697,220	-13668,730
251+0,00	0,000	2,810	0,000	56,500	28,490	13753,720	-13725,230
252+0,00	0,000	2,920	0,000	57,300	28,490	13811,020	-13782,530
253+0,00	0,000	2,810	0,000	57,310	28,490	13868,320	-13839,830
254+0,00	0,000	2,740	0,000	55,480	28,490	13923,810	-13895,320
255+0,00	0,000	2,530	0,000	52,750	28,490	13976,560	-13948,070
256+0,00	0,000	2,680	0,000	52,160	28,490	14028,710	-14000,220
257+0,00	0,000	2,790	0,000	54,710	28,490	14083,430	-14054,940
258+0,00	0,000	2,620	0,000	54,140	28,490	14137,570	-14109,080
259+0,00	0,000	2,700	0,000	53,130	28,490	14190,700	-14162,210
260+0,00	0,000	2,270	0,000	49,660	28,490	14240,360	-14211,870
261+0,00	0,000	2,550	0,000	48,120	28,490	14288,480	-14259,990
262+0,00	0,000	2,270	0,000	48,140	28,490	14336,620	-14308,130
263+0,00	0,000	1,940	0,000	42,080	28,490	14378,700	-14350,210
264+0,00	0,000	1,550	0,000	34,690	28,490	14413,390	-14384,900
265+0,00	0,000	1,740	0,000	32,690	28,490	14446,080	-14417,590
266+0,00	0,000	2,300	0,000	40,460	28,490	14486,540	-14458,050
267+0,00	0,010	2,160	0,130	44,240	28,620	14530,780	-14502,160
268+0,00	0,000	3,410	0,120	55,640	28,740	14586,430	-14557,690
269+0,00	0,000	2,470	0,000	58,750	28,740	14645,170	-14616,430
270+0,00	0,000	3,050	0,000	55,090	28,740	14700,260	-14671,520
271+0,00	0,000	2,890	0,000	59,350	28,740	14759,610	-14730,870
272+0,00	0,000	2,470	0,000	53,470	28,740	14813,090	-14784,350
273+0,00	0,000	2,400	0,000	48,750	28,740	14861,840	-14833,100
274+0,00	0,000	2,230	0,000	46,260	28,740	14908,100	-14879,360
275+0,00	0,000	2,100	0,000	43,260	28,740	14951,360	-14922,620
276+0,00	0,000	1,910	0,030	40,110	28,770	14991,470	-14962,700
277+0,00	0,000	2,040	0,030	39,510	28,800	15030,980	-15002,180
278+0,00	0,000	3,430	0,000	54,680	28,800	15085,660	-15056,860
279+0,00	0,000	3,130	0,000	65,560	28,800	15151,230	-15122,430
280+0,00	0,000	3,040	0,000	61,630	28,800	15212,860	-15184,060
281+0,00	0,000	3,300	0,000	63,330	28,800	15276,180	-15247,380
282+0,00	0,000	3,760	0,000	70,170	28,800	15346,350	-15317,550
283+0,00	0,000	3,310	0,000	70,650	28,800	15417,010	-15388,210
284+0,00	0,000	2,820	0,000	61,240	28,800	15478,240	-15449,440
285+0,00	0,000	2,520	0,000	53,350	28,800	15531,590	-15502,790
286+0,00	0,000	2,550	0,000	50,700	28,800	15582,300	-15553,500
287+0,00	0,000	2,760	0,000	53,080	28,800	15635,380	-15606,580
288+0,00	0,000	2,860	0,000	56,170	28,800	15691,550	-15662,750
289+0,00	0,000	3,000	0,000	58,590	28,800	15750,140	-15721,340
290+0,00	0,000	3,160	0,000	61,530	28,800	15811,670	-15782,870
291+0,00	0,000	3,280	0,000	64,740	28,800	15876,410	-15847,610
292+0,00	0,000	3,290	0,000	65,710	28,800	15942,110	-15913,310
293+0,00	0,000	3,210	0,000	65,000	28,800	16007,120	-15978,320
294+0,00	0,000	3,280	0,000	65,390	28,800	16072,510	-16043,710
295+0,00	0,000	3,270	0,000	65,470	28,800	16137,970	-16109,170
296+0,00	0,000	3,170	0,000	64,460	28,800	16202,440	-16173,640
297+0,00	0,000	3,230	0,000	64,370	28,800	16266,810	-16238,010
298+0,00	0,000	3,690	0,000	69,150	28,800	16335,950	-16307,150
299+0,00	0,000	4,120	0,000	78,030	28,800	16413,990	-16385,190
300+0,00	0,000	3,030	0,000	71,480	28,800	16485,470	-16456,670
301+0,00	0,000	2,950	0,000	59,860	28,800	16545,340	-16516,540
302+0,00	0,010	2,720	0,110	56,620	28,910	16601,960	-16573,050
303+0,00	0,000	3,110	0,100	58,300	29,010	16660,250	-16631,240
304+0,00	0,000	3,630	0,000	67,380	29,010	16727,640	-16698,630
305+0,00	0,000	2,970	0,000	65,930	29,010	16793,570	-16764,560
306+0,00	0,000	2,830	0,040	57,930	29,050	16851,500	-16822,450
307+0,00	0,000	2,820	0,050	56,500	29,100	16907,990	-16878,890
308+0,00	0,000	2,880	0,010	57,010	29,110	16965,000	-16935,890
309+0,00	0,000	3,140	0,000	59,270	29,110	17024,270	-16995,160
310+0,00	0,000	3,000	0,000	61,360	29,110	17085,640	-17056,530
311+0,00	0,000	3,130	0,000	60,840	29,110	17146,480	-17117,370
312+0,00	0,000	3,290	0,000	64,170	29,110	17210,650	-17181,540
313+0,00	0,000	3,250	0,000	65,360	29,110	17276,010	-17246,900
314+0,00	0,000	3,190	0,000	64,370	29,110	17340,380	-17311,270

Osvaldo Leôncio da [illegible] Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
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)
315+0,00	0,000	2,610	0,000	58,020	29,110	17398,400	-17369,290
316+0,00	0,000	2,750	0,000	53,510	29,110	17451,910	-17422,800
317+0,00	0,000	3,270	0,000	60,460	29,110	17512,370	-17483,260
318+0,00	0,000	3,100	0,000	63,710	29,110	17576,080	-17546,970
319+0,00	0,000	3,120	0,000	62,190	29,110	17638,270	-17609,160
320+0,00	0,000	2,650	0,000	57,670	29,110	17695,940	-17666,830
321+0,00	0,000	2,780	0,000	54,310	29,110	17750,250	-17721,140
322+0,00	0,000	3,580	0,000	63,570	29,110	17813,820	-17784,710
323+0,00	0,000	3,380	0,000	69,600	29,110	17883,420	-17854,310
324+0,00	0,000	2,520	0,000	58,320	29,110	17941,750	-17912,640
325+0,00	0,000	3,030	0,000	55,460	29,110	17997,210	-17968,100
326+0,00	0,000	2,670	0,000	57,790	29,110	18055,000	-18025,890
327+0,00	0,000	2,810	0,000	54,490	29,110	18109,490	-18080,380
328+0,00	0,000	2,710	0,000	55,130	29,110	18164,620	-18135,510
329+0,00	0,000	2,900	0,000	56,020	29,110	18220,640	-18191,530
330+0,00	0,000	3,140	0,000	60,320	29,110	18280,960	-18251,850
331+0,00	0,000	3,060	0,000	61,910	29,110	18342,870	-18313,760
332+0,00	0,000	2,700	0,000	57,460	29,110	18400,340	-18371,230
333+0,00	0,000	2,630	0,000	53,280	29,110	18453,620	-18424,510
334+0,00	0,000	2,940	0,000	55,670	29,110	18509,290	-18480,180
335+0,00	0,000	2,930	0,000	58,710	29,110	18568,000	-18538,890
336+0,00	0,000	3,300	0,000	62,430	29,110	18630,430	-18601,320
337+0,00	0,000	3,800	0,000	71,030	29,110	18701,460	-18672,350
338+0,00	0,000	3,380	0,000	71,810	29,110	18773,270	-18744,160
339+0,00	0,000	2,890	0,000	62,680	29,110	18835,960	-18806,850
340+0,00	0,000	2,690	0,000	55,740	29,110	18891,690	-18862,580
341+0,00	0,000	2,750	0,000	54,380	29,110	18946,070	-18916,960
342+0,00	0,000	2,870	0,000	56,180	29,110	19002,250	-18973,140
343+0,00	0,000	3,170	0,000	60,360	29,110	19062,610	-19033,500
344+0,00	0,000	3,290	0,000	64,560	29,110	19127,170	-19098,060
345+0,00	0,000	2,940	0,000	62,240	29,110	19189,420	-19160,310
346+0,00	0,000	2,960	0,000	58,930	29,110	19248,350	-19219,240
347+0,00	0,000	3,000	0,000	59,580	29,110	19307,930	-19278,820
348+0,00	0,000	2,970	0,000	59,730	29,110	19367,660	-19338,550
349+0,00	0,000	2,560	0,000	55,290	29,110	19422,940	-19393,830
350+0,00	0,000	4,100	0,000	66,590	29,110	19489,530	-19460,420
351+0,00	0,000	3,540	0,000	76,440	29,110	19565,970	-19536,860
352+0,00	0,000	2,520	0,000	60,670	29,110	19626,640	-19597,530
353+0,00	0,000	1,860	0,000	43,880	29,110	19670,520	-19641,410
354+0,00	0,000	1,830	0,000	36,910	29,110	19707,430	-19678,320
355+0,00	0,000	2,660	0,000	44,870	29,110	19752,310	-19723,200
356+0,00	0,000	4,580	0,000	72,390	29,110	19824,700	-19795,590
357+0,00	0,000	3,910	0,000	84,840	29,110	19909,540	-19880,430
358+0,00	0,000	2,980	0,000	68,860	29,110	19978,400	-19949,290
359+0,00	0,000	2,500	0,000	54,790	29,110	20033,190	-20004,080
360+0,00	0,000	2,130	0,000	46,320	29,110	20079,510	-20050,400
361+0,00	0,000	2,600	0,000	47,330	29,110	20126,840	-20097,730
362+0,00	0,000	2,600	0,000	52,010	29,110	20178,850	-20149,740
363+0,00	0,000	2,930	0,000	55,330	29,110	20234,180	-20205,070
364+0,00	0,000	2,920	0,000	58,520	29,110	20292,700	-20263,590
365+0,00	0,000	3,050	0,000	59,700	29,110	20352,400	-20323,290
366+0,00	0,000	2,710	0,000	57,590	29,110	20409,990	-20380,880
367+0,00	0,000	2,600	0,000	53,080	29,110	20463,070	-20433,960
368+0,00	0,000	2,910	0,000	55,070	29,110	20518,140	-20489,030
369+0,00	0,000	2,730	0,000	56,330	29,110	20574,460	-20545,350
370+0,00	0,000	2,440	0,000	51,640	29,110	20626,100	-20596,990
371+0,00	0,000	2,540	0,000	49,750	29,110	20675,850	-20646,740
372+0,00	0,000	2,650	0,000	51,890	29,110	20727,740	-20698,630
373+0,00	0,000	2,840	0,000	54,960	29,110	20782,700	-20753,590
374+0,00	0,000	3,520	0,000	63,610	29,110	20846,310	-20817,200
375+0,00	0,000	4,110	0,000	76,250	29,110	20922,560	-20893,450
376+0,00	0,000	2,900	0,000	70,050	29,110	20992,620	-20963,510
377+0,00	0,000	2,820	0,000	57,160	29,110	21049,780	-21020,670
378+0,00	0,000	2,870	0,000	56,940	29,110	21106,720	-21077,610
379+0,00	0,000	2,040	0,000	49,100	29,110	21155,820	-21126,710

Osvaldo Leôncio da [illegible] Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
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)
380+0,00	0,000	3,160	0,000	51,990	29,110	21207,810	-21178,700
381+0,00	0,000	2,930	0,000	60,890	29,110	21268,700	-21239,590
382+0,00	0,000	3,210	0,000	61,340	29,110	21330,040	-21300,930
383+0,00	0,000	3,050	0,000	62,570	29,110	21392,610	-21363,500
384+0,00	0,000	3,240	0,000	62,920	29,110	21455,530	-21426,420
385+0,00	0,000	2,940	0,000	61,840	29,110	21517,370	-21488,260
386+0,00	0,000	2,500	0,000	54,470	29,110	21571,840	-21542,730
387+0,00	0,000	2,760	0,000	52,640	29,110	21624,480	-21595,370
388+0,00	0,000	2,590	0,000	53,540	29,110	21678,020	-21648,910
389+0,00	0,000	2,690	0,000	52,810	29,110	21730,830	-21701,720
390+0,00	0,000	2,530	0,000	52,180	29,110	21783,010	-21753,900
391+0,00	0,000	2,500	0,000	50,280	29,110	21833,290	-21804,180
392+0,00	0,000	2,440	0,000	49,330	29,110	21882,620	-21853,510
393+0,00	0,000	2,210	0,000	46,500	29,110	21929,120	-21900,010
394+0,00	0,000	3,060	0,000	52,740	29,110	21981,860	-21952,750
395+0,00	0,000	2,770	0,000	58,320	29,110	22040,190	-22011,080
396+0,00	0,000	3,220	0,000	60,380	29,110	22100,560	-22071,450
397+0,00	0,000	3,060	0,000	62,620	29,110	22163,180	-22134,070
398+0,00	0,000	4,590	0,000	77,390	29,110	22240,570	-22211,460
399+0,00	0,000	3,800	0,000	83,840	29,110	22324,410	-22295,300
400+0,00	0,000	3,370	0,000	71,430	29,110	22395,830	-22366,720
401+0,00	0,000	3,220	0,000	65,870	29,110	22461,700	-22432,590
402+0,00	0,000	3,360	0,000	65,790	29,110	22527,490	-22498,380
403+0,00	0,000	3,410	0,000	67,720	29,110	22595,210	-22566,100
404+0,00	0,000	3,220	0,000	66,340	29,110	22661,550	-22632,440
405+0,00	0,000	3,160	0,000	63,830	29,110	22725,380	-22696,270
406+0,00	0,000	3,420	0,000	65,800	29,110	22791,180	-22762,070
407+0,00	0,000	2,970	0,000	63,940	29,110	22855,110	-22826,000
408+0,00	0,000	2,890	0,000	58,660	29,110	22913,780	-22884,670
409+0,00	0,000	2,910	0,000	58,070	29,110	22971,850	-22942,740
410+0,00	0,000	3,030	0,000	59,430	29,110	23031,280	-23002,170
411+0,00	0,000	3,200	0,000	62,290	29,110	23093,570	-23064,460
412+0,00	0,000	3,240	0,000	64,390	29,110	23157,960	-23128,850
413+0,00	0,000	3,020	0,000	62,580	29,110	23220,540	-23191,430
414+0,00	0,000	3,520	0,000	65,390	29,110	23285,930	-23256,820
415+0,00	0,000	3,740	0,000	72,590	29,110	23358,520	-23329,410
416+0,00	0,000	3,070	0,000	68,110	29,110	23426,630	-23397,520
417+0,00	0,000	2,590	0,000	56,640	29,110	23483,260	-23454,150
418+0,00	0,000	2,760	0,000	53,510	29,110	23536,770	-23507,660
419+0,00	0,000	2,280	0,000	50,420	29,110	23587,190	-23558,080
420+0,00	0,000	2,500	0,000	47,890	29,110	23635,070	-23605,960
421+0,00	0,000	1,810	0,000	43,170	29,110	23678,250	-23649,140
422+0,00	0,000	2,830	0,000	46,460	29,110	23724,710	-23695,600
423+0,00	0,000	2,650	0,000	55,000	29,110	23779,710	-23750,600
424+0,00	0,010	2,610	0,080	52,650	29,190	23832,360	-23803,170
425+0,00	0,060	2,160	0,680	47,670	29,870	23880,020	-23850,150
426+0,00	0,000	2,680	0,600	48,350	30,480	23928,380	-23897,900
427+0,00	0,000	2,750	0,000	54,750	30,480	23983,130	-23952,650
428+0,00	0,000	2,830	0,000	55,700	30,480	24038,820	-24008,340
429+0,00	0,000	2,800	0,000	56,240	30,480	24095,060	-24064,580
430+0,00	0,000	2,700	0,000	54,970	30,480	24150,030	-24119,550
431+0,00	0,000	2,450	0,000	51,550	30,480	24201,590	-24171,110
432+0,00	0,000	2,720	0,000	51,690	30,480	24253,280	-24222,800
433+0,00	0,000	2,690	0,000	54,100	30,480	24307,380	-24276,900
434+0,00	0,000	2,680	0,000	53,830	30,480	24361,210	-24330,730
435+0,00	0,000	2,660	0,000	53,390	30,480	24414,600	-24384,120
436+0,00	0,000	2,950	0,000	56,010	30,480	24470,610	-24440,130
437+0,00	0,000	3,430	0,000	63,800	30,480	24534,410	-24503,930
438+0,00	0,000	3,430	0,000	68,630	30,480	24603,050	-24572,570
439+0,00	0,000	3,480	0,000	69,120	30,480	24672,170	-24641,690
440+0,00	0,000	3,900	0,000	73,810	30,480	24745,980	-24715,500
441+0,00	0,000	3,610	0,000	75,100	30,480	24821,090	-24790,610
442+0,00	0,000	3,170	0,000	67,870	30,480	24888,950	-24858,470
443+0,00	0,000	3,010	0,000	61,840	30,480	24950,800	-24920,320
444+0,00	0,000	3,490	0,000	64,970	30,480	25015,770	-24985,290

Osvaldo Leâncio da S[illegible]lho
Diretor da Unidade de Pro[illegible]as
Projetos e Obras - DUS[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)
445+0,00	0,000	2,910	0,000	63,970	30,480	25079,740	-25049,260
446+0,00	0,000	2,430	0,000	53,430	30,480	25133,160	-25102,680
447+0,00	0,030	1,140	0,270	35,750	30,750	25168,910	-25138,160
448+0,00	0,000	2,650	0,270	37,910	31,020	25206,810	-25175,790
449+0,00	0,000	3,230	0,000	58,780	31,020	25265,600	-25234,580
450+0,00	0,000	2,970	0,000	61,960	31,020	25327,560	-25296,540
451+0,00	0,000	3,740	0,000	67,010	31,020	25394,570	-25363,550
452+0,00	0,000	2,880	0,000	66,140	31,020	25460,710	-25429,690
453+0,00	0,000	2,740	0,000	56,140	31,020	25516,860	-25485,840
454+0,00	0,000	2,280	0,000	50,200	31,020	25567,060	-25536,040
455+0,00	0,000	2,690	0,000	49,770	31,020	25616,830	-25585,810
456+0,00	0,000	3,150	0,000	58,410	31,020	25675,240	-25644,220
457+0,00	0,000	3,180	0,000	63,270	31,020	25738,510	-25707,490
458+0,00	0,000	3,390	0,000	65,690	31,020	25804,190	-25773,170
459+0,00	0,000	2,490	0,000	58,800	31,020	25863,000	-25831,980
460+0,00	0,000	2,720	0,000	52,070	31,020	25915,060	-25884,040
461+0,00	0,000	3,250	0,000	59,640	31,020	25974,700	-25943,680
462+0,00	0,000	3,300	0,000	65,440	31,020	26040,140	-26009,120
463+0,00	0,000	2,860	0,000	61,530	31,020	26101,670	-26070,650
464+0,00	0,000	2,690	0,000	55,440	31,020	26157,110	-26126,090
465+0,00	0,000	3,030	0,000	57,190	31,020	26214,300	-26183,280
466+0,00	0,000	2,780	0,000	58,080	31,020	26272,390	-26241,370
467+0,00	0,000	2,520	0,000	53,000	31,020	26325,380	-26294,360
468+0,00	0,000	2,320	0,000	48,430	31,020	26373,810	-26342,790
469+0,00	0,000	2,370	0,000	46,920	31,020	26420,730	-26389,710
470+0,00	0,000	2,700	0,000	50,710	31,020	26471,440	-26440,420
471+0,00	0,000	2,690	0,000	53,920	31,020	26525,360	-26494,340
472+0,00	0,000	2,260	0,000	49,520	31,020	26574,880	-26543,860
473+0,00	0,000	1,990	0,000	42,460	31,020	26617,330	-26586,310
474+0,00	0,000	2,540	0,000	45,260	31,020	26662,590	-26631,570
475+0,00	0,000	2,560	0,000	51,020	31,020	26713,600	-26682,580
476+0,00	0,000	3,010	0,000	55,780	31,020	26769,380	-26738,360
477+0,00	0,000	2,900	0,000	59,110	31,020	26828,490	-26797,470
478+0,00	0,000	3,010	0,000	59,120	31,020	26887,610	-26856,590
479+0,00	0,000	2,910	0,000	59,170	31,020	26946,790	-26915,770
480+0,00	0,000	2,830	0,000	57,410	31,020	27004,200	-26973,180
481+0,00	0,000	2,960	0,000	57,910	31,020	27062,110	-27031,090
482+0,00	0,000	2,750	0,000	57,130	31,020	27119,240	-27088,220
483+0,00	0,000	2,770	0,000	55,270	31,020	27174,510	-27143,490
484+0,00	0,000	3,280	0,000	60,480	31,020	27234,990	-27203,970
485+0,00	0,000	3,400	0,000	66,780	31,020	27301,770	-27270,750
486+0,00	0,000	3,240	0,000	66,400	31,020	27368,170	-27337,150
487+0,00	0,000	3,020	0,000	62,620	31,020	27430,790	-27399,770
488+0,00	0,000	3,070	0,000	60,900	31,020	27491,690	-27460,670
489+0,00	0,000	3,180	0,000	62,440	31,020	27554,120	-27523,100
490+0,00	0,000	3,130	0,000	63,120	31,020	27617,240	-27586,220
491+0,00	0,000	2,770	0,000	59,020	31,020	27676,260	-27645,240
492+0,00	0,000	2,760	0,000	55,230	31,020	27731,490	-27700,470
493+0,00	0,000	2,870	0,000	56,210	31,020	27787,700	-27756,680
494+0,00	0,000	3,840	0,000	67,110	31,020	27854,810	-27823,790
495+0,00	0,000	3,330	0,000	71,790	31,020	27926,590	-27895,570
496+0,00	0,000	3,360	0,000	66,990	31,020	27993,580	-27962,560
497+0,00	0,000	3,360	0,000	67,260	31,020	28060,840	-28029,820
498+0,00	0,000	3,410	0,000	67,370	31,020	28128,210	-28097,190
499+0,00	0,000	2,720	0,000	61,020	31,020	28189,230	-28158,210
500+0,00	0,000	1,260	0,000	39,530	31,020	28228,760	-28197,740
501+0,00	0,000	1,780	0,000	30,390	31,020	28259,150	-28228,130
502+0,00	0,000	2,110	0,000	38,950	31,020	28298,100	-28267,080
503+0,00	0,000	3,650	0,000	57,580	31,020	28355,680	-28324,660
504+0,00	0,000	1,790	0,000	54,370	31,020	28410,040	-28379,020
505+0,00	0,000	1,150	0,000	29,410	31,020	28439,460	-28408,440
506+0,00	0,050	0,400	0,480	15,500	31,490	28454,960	-28423,470
507+0,00	0,000	1,160	0,480	15,580	31,970	28470,540	-28438,570
508+0,00	0,080	0,630	0,760	17,920	32,730	28488,470	-28455,740
509+0,00	0,030	1,110	1,020	17,460	33,750	28505,920	-28472,170

Osvaldo Leôncio da Si[illegible]ilho
Diretor da Unidade de Proj[illegible]as
Projetos e Obras - DUPPO
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)
510+0,00	0,080	0,920	1,040	20,390	34,790	28526,310	-28491,520
511+0,00	0,000	2,440	0,810	33,360	35,590	28559,670	-28524,080
512+0,00	0,000	4,100	0,000	65,410	35,590	28625,080	-28589,490
513+0,00	0,000	3,220	0,000	72,990	35,590	28698,070	-28662,480
514+0,00	0,000	2,610	0,000	58,160	35,590	28756,230	-28720,640
515+0,00	0,000	2,620	0,000	52,350	35,590	28808,580	-28772,990
516+0,00	0,000	3,030	0,000	56,440	35,590	28865,020	-28829,430
517+0,00	0,000	3,030	0,000	60,580	35,590	28925,600	-28890,010
518+0,00	0,000	3,710	0,000	67,430	35,590	28993,030	-28957,440
519+0,00	0,000	4,390	0,000	81,070	35,590	29074,100	-29038,510
520+0,00	0,000	3,120	0,000	75,110	35,590	29149,210	-29113,620
521+0,00	0,000	3,980	0,000	70,940	35,590	29220,140	-29184,550
522+0,00	0,000	4,480	0,000	84,680	35,590	29304,820	-29269,230
523+0,00	0,000	4,380	0,000	88,580	35,590	29393,400	-29357,810
524+0,00	0,000	4,180	0,000	85,550	35,590	29478,950	-29443,360
525+0,00	0,000	3,820	0,000	79,950	35,590	29558,900	-29523,310
526+0,00	0,000	3,060	0,000	68,690	35,590	29627,590	-29592,000
527+0,00	0,000	2,800	0,000	58,560	35,590	29686,150	-29650,560
528+0,00	0,000	2,440	0,000	52,390	35,590	29738,540	-29702,950
529+0,00	0,000	2,780	0,000	52,250	35,590	29790,790	-29755,200
530+0,00	0,000	2,700	0,000	54,830	35,590	29845,610	-29810,020
531+0,00	0,000	3,970	0,000	66,640	35,590	29912,260	-29876,670
532+0,00	0,000	3,510	0,000	74,750	35,590	29987,010	-29951,420
533+0,00	0,020	3,160	0,200	65,650	35,790	30052,660	-30016,870
534+0,00	0,010	3,180	0,310	62,240	36,100	30114,910	-30078,810
535+0,00	0,040	2,710	0,510	58,390	36,610	30173,300	-30136,690
536+0,00	0,000	3,130	0,410	58,120	37,020	30231,420	-30194,400
537+0,00	0,000	3,270	0,010	63,870	37,030	30295,280	-30258,250
538+0,00	0,000	3,030	0,000	62,440	37,030	30357,720	-30320,690
539+0,00	0,000	2,900	0,000	59,040	37,030	30416,760	-30379,730
540+0,00	0,000	2,830	0,000	56,920	37,030	30473,680	-30436,650
541+0,00	0,000	3,070	0,000	58,530	37,030	30532,210	-30495,180
542+0,00	0,000	3,230	0,000	62,970	37,030	30595,180	-30558,150
543+0,00	0,000	3,270	0,000	65,010	37,030	30660,190	-30623,160
544+0,00	0,000	3,020	0,000	62,880	37,030	30723,060	-30686,030
545+0,00	0,000	2,970	0,000	59,870	37,030	30782,930	-30745,900
546+0,00	0,000	3,010	0,000	59,820	37,030	30842,750	-30805,720
547+0,00	0,000	2,870	0,000	58,860	37,030	30901,610	-30864,580
548+0,00	0,000	3,060	0,000	59,320	37,030	30960,920	-30923,890
549+0,00	0,000	3,170	0,000	62,220	37,030	31023,140	-30986,110
550+0,00	0,000	2,950	0,000	61,140	37,030	31084,280	-31047,250
551+0,00	0,000	3,060	0,000	60,050	37,030	31144,330	-31107,300
552+0,00	0,000	2,740	0,000	57,970	37,030	31202,300	-31165,270
553+0,00	0,000	2,500	0,000	52,380	37,030	31254,670	-31217,640
554+0,00	0,000	2,550	0,000	50,430	37,030	31305,100	-31268,070
555+0,00	0,000	2,740	0,000	52,860	37,030	31357,970	-31320,940
556+0,00	0,000	2,680	0,000	54,140	37,030	31412,110	-31375,080
557+0,00	0,000	2,780	0,000	54,550	37,030	31466,660	-31429,630
558+0,00	0,000	3,280	0,000	60,600	37,030	31527,260	-31490,230
559+0,00	0,000	3,720	0,000	70,000	37,030	31597,260	-31560,230
560+0,00	0,000	3,580	0,000	73,050	37,030	31670,300	-31633,270
561+0,00	0,000	2,710	0,000	62,880	37,030	31733,180	-31696,150
562+0,00	0,000	3,410	0,000	61,190	37,030	31794,370	-31757,340
563+0,00	0,000	3,150	0,000	65,640	37,030	31860,010	-31822,980
564+0,00	0,000	2,820	0,000	59,750	37,030	31919,760	-31882,730
565+0,00	0,000	2,900	0,000	57,190	37,030	31976,950	-31939,920
566+0,00	0,000	3,770	0,000	66,630	37,030	32043,580	-32006,550
567+0,00	0,000	3,380	0,000	71,480	37,030	32115,060	-32078,030
568+0,00	0,000	3,190	0,000	65,740	37,030	32180,800	-32143,770
569+0,00	0,000	3,680	0,000	68,690	37,030	32249,490	-32212,460
570+0,00	0,000	2,940	0,000	66,210	37,030	32315,700	-32278,670
571+0,00	0,000	3,260	0,000	62,030	37,030	32377,730	-32340,700
572+0,00	0,000	4,020	0,000	72,800	37,030	32450,530	-32413,500
573+0,00	0,000	2,770	0,000	67,940	37,030	32518,470	-32481,440
574+0,00	0,000	2,720	0,000	54,950	37,030	32573,420	-32536,390

Osvaldo Leôncio da S[illegible] Filho
Diretor da Unidade de Programas
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)
575+0,00	0,000	3,070	0,000	57,960	37,030	32631,380	-32594,350
576+0,00	0,000	2,470	0,000	55,400	37,030	32686,770	-32649,740
577+0,00	0,040	1,630	0,430	40,990	37,460	32727,770	-32690,310
578+0,00	0,000	2,220	0,430	38,560	37,890	32766,330	-32728,440
579+0,00	0,000	2,950	0,000	52,170	37,900	32818,500	-32780,600
580+0,00	0,000	3,160	0,000	61,060	37,900	32879,550	-32841,650
581+0,00	0,000	3,080	0,000	62,730	37,900	32942,280	-32904,380
582+0,00	0,000	3,190	0,000	63,480	37,900	33005,770	-32967,870
583+0,00	0,000	2,600	0,000	57,870	37,900	33063,640	-33025,740
584+0,00	0,000	3,140	0,000	57,800	37,900	33121,440	-33083,540
585+0,00	0,000	2,890	0,000	60,890	37,900	33182,330	-33144,430
586+0,00	0,000	3,270	0,000	61,580	37,900	33243,910	-33206,010
587+0,00	0,000	3,100	0,000	63,890	37,900	33307,800	-33269,900
588+0,00	0,000	2,970	0,000	60,690	37,900	33368,480	-33330,580
589+0,00	0,000	3,340	0,000	63,040	37,900	33431,530	-33393,630
590+0,00	0,000	4,520	0,000	78,540	37,900	33510,060	-33472,160
591+0,00	0,000	2,720	0,000	72,340	37,900	33582,400	-33544,500
592+0,00	0,000	2,600	0,000	53,200	37,900	33635,600	-33597,700
593+0,00	0,000	3,320	0,000	59,230	37,900	33694,840	-33656,940
594+0,00	0,000	3,460	0,000	67,760	37,900	33762,600	-33724,700
595+0,00	0,000	2,600	0,000	60,610	37,900	33823,210	-33785,310
596+0,00	0,000	2,680	0,000	52,870	37,900	33876,080	-33838,180
597+0,00	0,000	2,300	0,000	49,880	37,900	33925,950	-33888,050
598+0,00	0,000	2,370	0,000	46,720	37,900	33972,670	-33934,770
599+0,00	0,000	2,660	0,000	50,380	37,900	34023,050	-33985,150
600+0,00	0,000	2,550	0,000	52,250	37,900	34075,300	-34037,400
601+0,00	0,000	2,110	0,000	46,640	37,900	34121,940	-34084,040
602+0,00	0,000	1,720	0,000	38,350	37,900	34160,290	-34122,390
603+0,00	0,000	1,110	0,000	28,430	37,900	34188,730	-34150,830
604+0,00	0,000	2,000	0,000	31,180	37,900	34219,900	-34182,000
605+0,00	0,000	2,680	0,000	46,970	37,900	34266,870	-34228,970
606+0,00	0,000	2,790	0,000	54,780	37,900	34321,650	-34283,750
607+0,00	0,000	3,000	0,000	57,900	37,900	34379,550	-34341,650
608+0,00	0,000	3,330	0,000	63,230	37,900	34442,780	-34404,880
609+0,00	0,000	3,060	0,000	63,630	37,900	34506,410	-34468,510
610+0,00	0,000	2,730	0,000	58,080	37,900	34564,490	-34526,590
611+0,00	0,000	2,620	0,000	53,560	37,900	34618,050	-34580,150
612+0,00	0,000	2,550	0,000	51,700	37,900	34669,740	-34631,840
613+0,00	0,000	2,800	0,000	53,440	37,900	34723,180	-34685,280
614+0,00	0,000	2,750	0,000	55,470	37,900	34778,650	-34740,750
615+0,00	0,000	2,110	0,000	48,620	37,900	34827,270	-34789,370
616+0,00	0,000	2,080	0,000	41,920	37,900	34869,190	-34831,290
617+0,00	0,000	2,780	0,000	48,600	37,900	34917,790	-34879,890
618+0,00	0,000	2,240	0,000	50,150	37,900	34967,940	-34930,040
619+0,00	0,000	1,780	0,000	40,160	37,900	35008,100	-34970,200
620+0,00	0,000	2,750	0,000	45,270	37,900	35053,370	-35015,470
621+0,00	0,000	3,260	0,000	60,140	37,900	35113,510	-35075,610
622+0,00	0,000	3,340	0,000	66,080	37,900	35179,580	-35141,680
623+0,00	0,000	3,570	0,000	69,140	37,900	35248,730	-35210,830
624+0,00	0,000	3,000	0,000	65,650	37,900	35314,380	-35276,480
625+0,00	0,000	3,810	0,000	68,060	37,900	35382,440	-35344,540
626+0,00	0,000	4,070	0,000	78,790	37,900	35461,220	-35423,320
627+0,00	0,000	3,280	0,000	73,470	37,900	35534,700	-35496,800
628+0,00	0,000	2,370	0,000	56,450	37,900	35591,150	-35553,250
629+0,00	0,000	2,740	0,000	51,080	37,900	35642,230	-35604,330
630+0,00	0,000	3,350	0,000	60,900	37,900	35703,130	-35665,230
631+0,00	0,000	3,230	0,000	65,830	37,900	35768,960	-35731,060
632+0,00	0,000	2,820	0,000	60,470	37,900	35829,430	-35791,530
633+0,00	0,000	3,390	0,000	62,110	37,900	35891,540	-35853,640
634+0,00	0,000	3,630	0,000	70,250	37,900	35961,790	-35923,890
635+0,00	0,000	2,560	0,000	61,920	37,900	36023,710	-35985,810
636+0,00	0,000	2,700	0,000	52,630	37,900	36076,340	-36038,440
637+0,00	0,000	2,790	0,000	54,960	37,900	36131,300	-36093,400
638+0,00	0,000	3,120	0,000	59,170	37,900	36190,460	-36152,560
639+0,00	0,000	3,470	0,000	65,950	37,900	36256,410	-36218,510

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Social)

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	4,140	0,000	76,120	37,900	36332,530	-36294,630
641+0,00	0,000	3,950	0,000	80,900	37,900	36413,430	-36375,530
642+0,00	0,000	2,870	0,000	68,200	37,900	36481,630	-36443,730
643+0,00	0,000	2,790	0,000	56,570	37,900	36538,200	-36500,300
644+0,00	0,000	2,770	0,000	55,560	37,900	36593,760	-36555,860
645+0,00	0,000	2,980	0,000	57,440	37,900	36651,190	-36613,290
646+0,00	0,000	3,040	0,000	60,280	37,900	36711,470	-36673,570
647+0,00	0,000	2,780	0,000	58,220	37,900	36769,700	-36731,800
648+0,00	0,010	1,640	0,130	44,230	38,030	36813,920	-36775,890
649+0,00	0,000	2,710	0,140	43,090	38,160	36857,020	-36818,860
650+0,00	0,000	3,180	0,000	58,780	38,160	36915,800	-36877,640
651+0,00	0,000	3,040	0,000	61,940	38,160	36977,740	-36939,580
652+0,00	0,000	3,080	0,000	61,160	38,160	37038,900	-37000,740
653+0,00	0,000	3,140	0,000	62,230	38,160	37101,120	-37062,960
654+0,00	0,000	3,390	0,000	65,330	38,160	37166,450	-37128,290
655+0,00	0,000	3,530	0,000	69,230	38,160	37235,680	-37197,520
656+0,00	0,000	4,140	0,000	76,690	38,160	37312,370	-37274,210
657+0,00	0,000	2,740	0,000	68,790	38,160	37381,170	-37343,010
658+0,00	0,000	2,460	0,000	51,960	38,160	37433,130	-37394,970
659+0,00	0,000	2,390	0,000	48,500	38,160	37481,630	-37443,470
660+0,00	0,000	2,490	0,000	48,830	38,160	37530,470	-37492,310
661+0,00	0,000	2,570	0,000	50,590	38,160	37581,060	-37542,900
662+0,00	0,000	1,900	0,000	44,680	38,160	37625,730	-37587,570
663+0,00	0,000	2,250	0,000	41,510	38,160	37667,250	-37629,090
664+0,00	0,000	2,700	0,000	49,550	38,160	37716,800	-37678,640
665+0,00	0,000	2,930	0,000	56,310	38,160	37773,110	-37734,950
666+0,00	0,000	3,300	0,000	62,280	38,160	37835,390	-37797,230
667+0,00	0,000	4,000	0,000	72,970	38,160	37908,360	-37870,200
668+0,00	0,000	2,950	0,000	69,530	38,160	37977,890	-37939,730
669+0,00	0,000	3,150	0,000	61,030	38,160	38038,920	-38000,760
670+0,00	0,000	3,490	0,000	66,340	38,160	38105,260	-38067,100
671+0,00	0,000	2,990	0,000	64,810	38,160	38170,070	-38131,910
672+0,00	0,000	2,830	0,000	58,260	38,160	38228,330	-38190,170
673+0,00	0,000	2,370	0,000	51,910	38,160	38280,240	-38242,080
674+0,00	0,000	2,290	0,010	46,590	38,170	38326,840	-38288,670
675+0,00	0,000	2,570	0,010	48,540	38,180	38375,380	-38337,200
676+0,00	0,000	3,880	0,000	64,500	38,190	38439,870	-38401,680
677+0,00	0,000	3,130	0,000	70,680	38,190	38510,560	-38472,370
678+0,00	0,020	2,990	0,150	61,700	38,340	38572,250	-38533,910
679+0,00	0,030	2,720	0,460	57,560	38,800	38629,820	-38591,020
680+0,00	0,030	2,720	0,610	54,410	39,410	38684,220	-38644,810
681+0,00	0,000	3,820	0,300	65,380	39,710	38749,610	-38709,900
682+0,00	0,000	3,410	0,000	72,390	39,710	38822,000	-38782,290
683+0,00	0,000	3,230	0,000	66,430	39,710	38888,430	-38848,720
684+0,00	0,000	2,600	0,000	58,290	39,710	38946,720	-38907,010
685+0,00	0,000	2,000	0,000	45,910	39,710	38992,630	-38952,920
686+0,00	0,000	3,030	0,000	50,190	39,710	39042,820	-39003,110
687+0,00	0,000	2,370	0,000	53,960	39,710	39096,780	-39057,070
688+0,00	0,000	2,220	0,000	45,870	39,710	39142,650	-39102,940
689+0,00	0,000	2,040	0,000	42,570	39,710	39185,220	-39145,510
690+0,00	0,000	3,420	0,000	54,590	39,710	39239,810	-39200,100
691+0,00	0,000	3,370	0,000	67,870	39,710	39307,680	-39267,970
692+0,00	0,000	3,190	0,000	65,680	39,710	39373,360	-39333,650
693+0,00	0,000	3,070	0,000	62,530	39,710	39435,880	-39396,170
694+0,00	0,000	2,850	0,000	59,140	39,710	39495,020	-39455,310
695+0,00	0,000	2,830	0,000	56,890	39,710	39551,910	-39512,200
696+0,00	0,000	2,410	0,000	52,440	39,710	39604,350	-39564,640
697+0,00	0,000	2,980	0,000	53,850	39,710	39658,200	-39618,490
698+0,00	0,000	2,770	0,000	57,430	39,710	39715,630	-39675,920
699+0,00	0,000	2,940	0,000	57,060	39,710	39772,690	-39732,980
700+0,00	0,000	2,810	0,000	57,500	39,710	39830,190	-39790,480
701+0,00	0,000	3,190	0,000	59,980	39,710	39890,170	-39850,460
702+0,00	0,000	3,150	0,000	63,350	39,710	39953,520	-39913,810
703+0,00	0,000	3,190	0,000	63,380	39,710	40016,900	-39977,190
704+0,00	0,000	2,730	0,000	59,200	39,710	40076,100	-40036,390

Osvaldo Leôncio da [illegible] a Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Sscid)

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	2,810	0,000	55,410	39,710	40131,510	-40091,800
706+0,00	0,000	2,740	0,000	55,520	39,710	40187,030	-40147,320
707+0,00	0,000	2,550	0,000	52,900	39,710	40239,930	-40200,220
708+0,00	0,000	2,300	0,000	48,470	39,710	40288,400	-40248,690
709+0,00	0,000	2,530	0,000	48,240	39,710	40336,640	-40296,930
710+0,00	0,000	2,490	0,000	50,210	39,710	40386,850	-40347,140
711+0,00	0,000	3,020	0,000	55,140	39,710	40442,000	-40402,290
712+0,00	0,000	2,900	0,000	59,160	39,710	40501,160	-40461,450
713+0,00	0,000	2,600	0,000	54,930	39,710	40556,090	-40516,380
714+0,00	0,000	3,100	0,000	56,980	39,710	40613,070	-40573,360
715+0,00	0,000	2,080	0,000	51,800	39,710	40664,870	-40625,160
716+0,00	0,000	2,200	0,000	42,760	39,710	40707,620	-40667,910
717+0,00	0,000	2,700	0,000	48,960	39,710	40756,590	-40716,880
718+0,00	0,000	3,230	0,000	59,350	39,710	40815,940	-40776,230
719+0,00	0,000	3,080	0,000	63,110	39,710	40879,050	-40839,340
720+0,00	0,000	3,270	0,000	63,460	39,710	40942,510	-40902,800
721+0,00	0,000	2,270	0,000	55,420	39,710	40997,930	-40958,220
722+0,00	0,000	1,610	0,000	38,860	39,710	41036,800	-40997,090
723+0,00	0,000	2,180	0,000	37,860	39,710	41074,660	-41034,950
724+0,00	0,000	3,070	0,000	52,420	39,710	41127,080	-41087,370
725+0,00	0,000	2,150	0,000	52,130	39,710	41179,210	-41139,500
726+0,00	0,000	2,470	0,000	46,180	39,710	41225,380	-41185,670
727+0,00	0,000	2,460	0,000	49,340	39,710	41274,730	-41235,020
728+0,00	0,000	2,470	0,000	49,320	39,710	41324,040	-41284,330
729+0,00	0,000	2,550	0,000	50,220	39,710	41374,260	-41334,550
730+0,00	0,000	2,440	0,000	49,880	39,710	41424,140	-41384,430
731+0,00	0,000	1,940	0,000	43,730	39,710	41467,880	-41428,170
732+0,00	0,000	1,970	0,000	39,080	39,710	41506,950	-41467,240
733+0,00	0,000	2,420	0,000	43,870	39,710	41550,820	-41511,110
734+0,00	0,000	2,420	0,000	48,360	39,710	41599,190	-41559,480
735+0,00	0,000	2,210	0,000	46,370	39,710	41645,550	-41605,840
736+0,00	0,000	2,350	0,000	45,740	39,710	41691,290	-41651,580
737+0,00	0,000	2,310	0,000	46,620	39,710	41737,910	-41698,200
738+0,00	0,000	2,590	0,000	48,970	39,710	41786,880	-41747,170
739+0,00	0,000	2,530	0,000	51,170	39,710	41838,050	-41798,340
740+0,00	0,000	2,670	0,000	52,210	39,710	41890,260	-41850,550
741+0,00	0,000	2,770	0,000	54,390	39,710	41944,660	-41904,950
742+0,00	0,000	2,800	0,000	55,810	39,710	42000,470	-41960,760
743+0,00	0,000	2,970	0,000	57,700	39,710	42058,160	-42018,450
744+0,00	0,000	3,020	0,000	59,890	39,710	42118,050	-42078,340
745+0,00	0,000	2,940	0,000	59,590	39,710	42177,650	-42137,940
746+0,00	0,000	3,470	0,000	64,100	39,710	42241,750	-42202,040
747+0,00	0,000	3,090	0,000	65,580	39,710	42307,330	-42267,620
748+0,00	0,000	2,980	0,000	60,660	39,710	42367,980	-42328,270
749+0,00	0,000	3,390	0,000	63,670	39,710	42431,650	-42391,940
750+0,00	0,000	3,270	0,000	66,570	39,710	42498,220	-42458,510
751+0,00	0,000	3,330	0,000	66,050	39,710	42564,270	-42524,560
752+0,00	0,000	3,310	0,000	66,480	39,710	42630,740	-42591,030
753+0,00	0,000	3,250	0,000	65,660	39,710	42696,410	-42656,700
754+0,00	0,000	3,520	0,000	67,680	39,710	42764,090	-42724,380
755+0,00	0,000	3,320	0,000	68,370	39,710	42832,460	-42792,750
756+0,00	0,000	3,240	0,000	65,570	39,710	42898,030	-42858,320
757+0,00	0,000	4,260	0,000	74,970	39,710	42973,000	-42933,290
758+0,00	0,000	4,590	0,000	88,530	39,710	43061,530	-43021,820
759+0,00	0,000	3,670	0,000	82,610	39,710	43144,140	-43104,430
760+0,00	0,000	3,490	0,000	71,540	39,710	43215,680	-43175,970
761+0,00	0,000	2,610	0,000	60,990	39,710	43276,670	-43236,960
762+0,00	0,000	2,570	0,000	51,830	39,710	43328,500	-43288,790
763+0,00	0,000	3,510	0,000	60,800	39,710	43389,300	-43349,590
764+0,00	0,000	3,350	0,000	68,590	39,710	43457,880	-43418,170
765+0,00	0,000	3,370	0,000	67,170	39,710	43525,050	-43485,340
766+0,00	0,000	2,960	0,000	63,310	39,710	43588,360	-43548,650
767+0,00	0,000	2,790	0,000	57,590	39,710	43645,940	-43606,230
768+0,00	0,000	2,630	0,000	54,260	39,710	43700,200	-43660,490
769+0,00	0,000	2,590	0,000	52,240	39,710	43752,430	-43712,720

Osvaldo Leoncio [illegible] Filho
Diretor da Unidade de Programas
Projetos e Obras - UPPO
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)
770+0,00	0,000	2,620	0,000	52,040	39,710	43804,470	-43764,760
771+0,00	0,000	2,730	0,000	53,490	39,710	43857,960	-43818,250
772+0,00	0,000	2,770	0,000	55,040	39,710	43913,000	-43873,290
773+0,00	0,000	2,750	0,000	55,170	39,710	43968,170	-43928,460
774+0,00	0,000	2,780	0,000	55,290	39,710	44023,450	-43983,740
775+0,00	0,000	3,330	0,000	61,140	39,710	44084,600	-44044,890
776+0,00	0,000	2,230	0,000	55,580	39,710	44140,180	-44100,470
777+0,00	0,000	2,740	0,000	49,630	39,710	44189,810	-44150,100
778+0,00	0,000	3,180	0,000	59,190	39,710	44249,000	-44209,290
779+0,00	0,000	2,870	0,000	60,520	39,710	44309,520	-44269,810
780+0,00	0,000	3,390	0,000	62,550	39,710	44372,080	-44332,370
781+0,00	0,000	2,960	0,000	63,430	39,710	44435,500	-44395,790
782+0,00	0,000	3,310	0,000	62,650	39,710	44498,150	-44458,440
783+0,00	0,000	2,470	0,000	57,800	39,710	44555,940	-44516,230
784+0,00	0,000	2,760	0,000	52,310	39,710	44608,260	-44568,550
785+0,00	0,000	2,800	0,000	55,550	39,710	44663,810	-44624,100
786+0,00	0,000	1,800	0,000	45,910	39,710	44709,710	-44670,000
787+0,00	0,000	2,300	0,000	40,940	39,710	44750,660	-44710,950
788+0,00	0,000	2,490	0,000	47,890	39,710	44798,540	-44758,830
789+0,00	0,000	2,580	0,000	50,730	39,710	44849,270	-44809,560
790+0,00	0,000	2,660	0,000	52,400	39,710	44901,680	-44861,970
791+0,00	0,000	2,480	0,000	51,370	39,710	44953,050	-44913,340
792+0,00	0,000	2,480	0,000	49,590	39,710	45002,630	-44962,920
793+0,00	0,000	2,400	0,000	48,900	39,710	45051,530	-45011,820
794+0,00	0,000	2,350	0,000	47,450	39,710	45098,980	-45059,270
795+0,00	0,000	2,190	0,000	45,570	39,710	45144,550	-45104,840
796+0,00	0,000	2,040	0,000	42,390	39,710	45186,940	-45147,230
797+0,00	0,000	2,250	0,000	42,970	39,710	45229,910	-45190,200
798+0,00	0,000	2,880	0,000	51,350	39,710	45281,270	-45241,560
799+0,00	0,000	3,360	0,000	62,400	39,710	45343,660	-45303,950
800+0,00	0,000	2,850	0,000	62,120	39,710	45405,780	-45366,070
801+0,00	0,000	3,010	0,000	58,640	39,710	45464,420	-45424,710
802+0,00	0,000	3,350	0,000	63,570	39,710	45528,000	-45488,290
803+0,00	0,000	3,080	0,000	64,230	39,710	45592,220	-45552,510
804+0,00	0,000	3,130	0,000	62,070	39,710	45654,290	-45614,580
805+0,00	0,000	3,130	0,000	62,610	39,710	45716,910	-45677,200
806+0,00	0,000	3,280	0,000	64,140	39,710	45781,040	-45741,330
807+0,00	0,000	3,180	0,000	64,670	39,710	45845,720	-45806,010
808+0,00	0,000	3,260	0,000	64,430	39,710	45910,150	-45870,440
809+0,00	0,000	3,120	0,000	64,000	39,710	45974,150	-45934,440
810+0,00	0,000	3,080	0,000	62,490	39,710	46036,640	-45996,930
811+0,00	0,000	2,970	0,000	60,450	39,710	46097,090	-46057,380
812+0,00	0,000	3,060	0,000	60,600	39,710	46157,690	-46117,980
813+0,00	0,000	3,300	0,000	64,040	39,710	46221,740	-46182,030
814+0,00	0,010	3,000	0,070	62,950	39,790	46284,690	-46244,900
815+0,00	0,000	3,400	0,070	64,010	39,860	46348,700	-46308,840
816+0,00	0,000	3,590	0,000	69,890	39,860	46418,590	-46378,730
817+0,00	0,000	3,960	0,000	75,640	39,860	46494,230	-46454,370
818+0,00	0,010	3,520	0,130	74,730	39,990	46568,960	-46528,970
819+0,00	0,000	2,590	0,150	61,210	40,140	46630,170	-46590,030
820+0,00	0,140	0,910	1,440	34,940	41,580	46665,110	-46623,530
821+0,00	0,000	4,010	1,420	49,200	43,000	46714,310	-46671,310
822+0,00	0,000	2,310	0,000	63,220	43,000	46777,530	-46734,530
823+0,00	0,000	1,340	0,000	36,500	43,000	46814,030	-46771,030
824+0,00	0,000	4,460	0,000	58,440	43,000	46872,470	-46829,470
825+0,00	0,010	3,060	0,130	75,840	43,120	46948,320	-46905,200
826+0,00	0,070	3,070	0,780	61,890	43,910	47010,210	-46966,300
827+0,00	0,060	2,860	1,210	60,170	45,120	47070,380	-47025,260
828+0,00	0,060	2,520	1,200	53,760	46,320	47124,150	-47077,830
829+0,00	0,560	0,790	6,080	33,370	52,400	47157,520	-47105,120
830+0,00	0,000	3,540	5,390	43,550	57,790	47201,070	-47143,280
831+0,00	0,000	3,680	0,000	72,000	57,790	47273,070	-47215,280
832+0,00	0,000	3,150	0,000	68,230	57,790	47341,300	-47283,510
833+0,00	0,000	3,000	0,000	61,500	57,790	47402,800	-47345,010
834+0,00	0,000	2,670	0,000	56,610	57,790	47459,410	-47401,620

Osvaldo Leôncio da S[illegible]lho
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835+0,00	0,000	2,650	0,000	53,210	57,790	47512,620	-47454,830
836+0,00	0,000	2,600	0,000	52,440	57,790	47565,060	-47507,270
837+0,00	0,000	2,700	0,000	52,960	57,790	47618,020	-47560,230
838+0,00	0,000	2,780	0,000	54,800	57,790	47672,820	-47615,030
839+0,00	0,000	2,620	0,000	54,180	57,790	47727,000	-47669,210
840+0,00	0,000	2,190	0,000	48,190	57,790	47775,190	-47717,400
841+0,00	0,000	1,950	0,000	41,380	57,790	47816,570	-47758,780
842+0,00	0,000	2,100	0,000	40,470	57,790	47857,040	-47799,250
843+0,00	0,000	2,000	0,000	41,010	57,790	47898,050	-47840,260
844+0,00	0,000	2,110	0,000	41,140	57,790	47939,190	-47881,400
845+0,00	0,000	2,260	0,000	43,680	57,790	47982,870	-47925,080
846+0,00	0,000	2,360	0,000	46,100	57,790	48028,970	-47971,180
847+0,00	0,000	2,410	0,000	47,690	57,790	48076,660	-48018,870
848+0,00	0,000	2,390	0,000	48,070	57,790	48124,730	-48066,940
849+0,00	0,000	1,980	0,000	43,670	57,790	48168,400	-48110,610
850+0,00	0,000	2,160	0,000	41,320	57,790	48209,730	-48151,940
851+0,00	0,010	2,110	0,110	42,700	57,900	48252,430	-48194,530
852+0,00	0,020	1,890	0,350	40,050	58,250	48292,480	-48234,230
853+0,00	0,040	2,220	0,650	41,130	58,900	48333,610	-48274,710
854+0,00	0,090	1,730	1,290	39,510	60,200	48373,120	-48312,920
855+0,00	0,000	2,730	0,890	44,500	61,090	48417,610	-48356,520
856+0,00	0,000	3,050	0,000	58,060	61,090	48475,670	-48414,580
857+0,00	0,000	2,790	0,000	58,380	61,090	48534,050	-48472,960
858+0,00	0,000	2,830	0,000	56,050	61,090	48590,100	-48529,010
859+0,00	0,000	2,730	0,000	55,090	61,090	48645,190	-48584,100
860+0,00	0,000	2,850	0,000	55,880	61,090	48701,070	-48639,980
861+0,00	0,000	2,310	0,000	51,760	61,090	48752,820	-48691,730
862+0,00	0,000	1,730	0,000	40,320	61,090	48793,140	-48732,050
863+0,00	0,000	2,480	0,000	42,070	61,090	48835,210	-48774,120
864+0,00	0,000	2,890	0,000	53,650	61,090	48888,860	-48827,770
865+0,00	0,000	3,710	0,000	66,020	61,090	48954,880	-48893,790
866+0,00	0,000	3,330	0,000	70,710	61,090	49025,590	-48964,500
867+0,00	0,000	3,570	0,000	69,110	61,090	49094,690	-49033,600
868+0,00	0,000	4,420	0,000	79,910	61,090	49174,600	-49113,510
869+0,00	0,000	4,110	0,000	85,280	61,090	49259,880	-49198,790
870+0,00	0,000	3,130	0,000	72,390	61,090	49332,270	-49271,180
871+0,00	0,000	2,960	0,000	60,970	61,090	49393,230	-49332,140
872+0,00	0,000	2,840	0,000	58,020	61,090	49451,260	-49390,170
873+0,00	0,000	2,910	0,000	57,480	61,090	49508,730	-49447,640
874+0,00	0,000	2,520	0,000	54,280	61,090	49563,010	-49501,920
875+0,00	0,000	2,530	0,000	50,490	61,090	49613,500	-49552,410
876+0,00	0,000	3,170	0,000	57,000	61,090	49670,500	-49609,410
877+0,00	0,000	3,160	0,000	63,280	61,090	49733,780	-49672,690
878+0,00	0,000	2,520	0,000	56,780	61,090	49790,560	-49729,470
879+0,00	0,000	2,930	0,000	54,530	61,090	49845,090	-49784,000
880+0,00	0,000	3,450	0,000	63,820	61,090	49908,910	-49847,820
881+0,00	0,000	3,660	0,000	70,680	61,090	49979,590	-49918,500
882+0,00	0,000	3,740	0,000	73,950	61,090	50053,540	-49992,450
883+0,00	0,000	3,590	0,000	72,760	61,090	50126,300	-50065,210
884+0,00	0,000	3,670	0,000	72,580	61,090	50198,870	-50137,780
885+0,00	0,000	4,780	0,000	84,420	61,090	50283,290	-50222,200
886+0,00	0,000	6,330	0,000	113,060	61,090	50396,350	-50335,260
887+0,00	0,020	4,550	0,160	108,790	61,250	50505,140	-50443,890
888+0,00	0,030	5,080	0,480	96,990	61,730	50602,140	-50540,410
889+0,00	0,000	4,930	0,330	100,070	62,060	50702,210	-50640,150
890+0,00	0,000	4,820	0,000	96,540	62,060	50798,750	-50736,690
891+0,00	0,000	4,540	0,000	93,640	62,060	50892,390	-50830,330
892+0,00	0,000	4,480	0,000	90,220	62,060	50982,610	-50920,550
893+0,00	0,000	4,100	0,000	85,350	62,060	51067,960	-51005,900
894+0,00	0,000	3,740	0,000	78,410	62,060	51146,360	-51084,300
895+0,00	0,000	3,320	0,000	70,660	62,060	51217,030	-51154,970
896+0,00	0,000	2,830	0,000	61,440	62,060	51278,470	-51216,410
897+0,00	0,000	2,560	0,000	53,880	62,060	51332,350	-51270,290
898+0,00	0,000	1,930	0,000	44,970	62,060	51377,320	-51315,260
899+0,00	0,000	3,060	0,000	49,870	62,060	51427,190	-51365,130

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - UPPO
Secretaria das Cidades/SE

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900+0,00	0,000	2,690	0,000	57,410	62,060	51484,600	-51422,540
901+0,00	0,000	3,260	0,000	59,360	62,060	51543,950	-51481,890
902+0,00	0,000	3,250	0,000	65,040	62,060	51608,990	-51546,930
903+0,00	0,000	3,560	0,000	68,040	62,060	51677,030	-51614,970
904+0,00	0,000	3,290	0,000	68,430	62,060	51745,460	-51683,400
905+0,00	0,000	2,990	0,000	62,840	62,060	51808,290	-51746,230
906+0,00	0,000	2,950	0,000	59,440	62,060	51867,730	-51805,670
907+0,00	0,000	2,680	0,000	56,350	62,060	51924,080	-51862,020
908+0,00	0,000	2,180	0,000	48,700	62,060	51972,780	-51910,720
909+0,00	0,000	2,710	0,000	48,960	62,060	52021,740	-51959,680
910+0,00	0,000	3,890	0,000	66,020	62,060	52087,760	-52025,700
911+0,00	0,000	2,820	0,000	67,080	62,060	52154,840	-52092,780
912+0,00	0,000	2,500	0,000	53,220	62,060	52208,060	-52146,000
913+0,00	0,000	2,150	0,000	46,540	62,060	52254,610	-52192,550
914+0,00	0,000	2,750	0,000	49,040	62,060	52303,650	-52241,590
915+0,00	0,000	2,740	0,000	54,850	62,060	52358,500	-52296,440
916+0,00	0,000	2,890	0,000	56,280	62,060	52414,780	-52352,720
917+0,00	0,000	2,840	0,000	57,340	62,060	52472,110	-52410,050
918+0,00	0,000	2,910	0,000	57,110	62,060	52529,220	-52467,160
919+0,00	0,000	3,280	0,000	61,560	62,060	52590,780	-52528,720
920+0,00	0,000	3,870	0,000	71,540	62,060	52662,320	-52600,260
921+0,00	0,000	3,110	0,000	69,820	62,060	52732,140	-52670,080
922+0,00	0,000	2,980	0,000	60,940	62,060	52793,080	-52731,020
923+0,00	0,000	3,060	0,000	60,330	62,060	52853,410	-52791,350
924+0,00	0,000	3,470	0,000	65,290	62,060	52918,700	-52856,640
925+0,00	0,000	3,820	0,000	72,980	62,060	52991,680	-52929,620
926+0,00	0,000	3,000	0,000	68,260	62,060	53059,940	-52997,880
927+0,00	0,000	2,680	0,000	56,850	62,060	53116,790	-53054,730
928+0,00	0,000	2,710	0,000	53,960	62,060	53170,750	-53108,690
929+0,00	0,000	2,390	0,000	51,060	62,060	53221,810	-53159,750
930+0,00	0,000	3,220	0,000	56,100	62,060	53277,910	-53215,850
931+0,00	0,000	3,010	0,000	62,240	62,060	53340,150	-53278,090
932+0,00	0,000	3,070	0,000	60,800	62,060	53400,950	-53338,890
933+0,00	0,000	3,040	0,000	61,150	62,060	53462,100	-53400,040
934+0,00	0,000	3,330	0,000	63,670	62,060	53525,770	-53463,710
935+0,00	0,000	2,950	0,000	62,840	62,060	53588,610	-53526,550
936+0,00	0,000	2,850	0,000	57,980	62,060	53646,590	-53584,530
937+0,00	0,000	3,050	0,000	58,980	62,060	53705,570	-53643,510
938+0,00	0,000	2,550	0,000	56,000	62,060	53761,580	-53699,520
939+0,00	0,000	1,780	0,000	43,320	62,060	53804,890	-53742,830
940+0,00	0,000	2,010	0,000	37,930	62,060	53842,820	-53780,760
941+0,00	0,000	2,630	0,000	46,430	62,060	53889,250	-53827,190
942+0,00	0,000	2,990	0,000	56,230	62,060	53945,480	-53883,420
943+0,00	0,000	2,940	0,000	59,300	62,060	54004,770	-53942,710
944+0,00	0,000	2,510	0,000	54,500	62,060	54059,270	-53997,210
945+0,00	0,000	3,470	0,000	59,750	62,060	54119,020	-54056,960
946+0,00	0,000	2,770	0,000	62,400	62,060	54181,430	-54119,370
947+0,00	0,000	2,050	0,000	48,190	62,060	54229,620	-54167,560
948+0,00	0,000	2,880	0,000	49,230	62,060	54278,850	-54216,790
949+0,00	0,000	3,460	0,000	63,370	62,060	54342,220	-54280,160
950+0,00	0,000	3,200	0,000	66,600	62,060	54408,820	-54346,760
951+0,00	0,000	3,020	0,000	62,250	62,060	54471,070	-54409,010
952+0,00	0,000	3,680	0,000	67,000	62,060	54538,070	-54476,010
953+0,00	0,000	2,790	0,000	64,710	62,060	54602,780	-54540,720
954+0,00	0,000	2,560	0,000	53,540	62,060	54656,330	-54594,270
955+0,00	0,000	2,770	0,000	53,340	62,060	54709,660	-54647,600
956+0,00	0,000	2,330	0,000	51,090	62,060	54760,750	-54698,690
957+0,00	0,000	2,390	0,000	47,310	62,060	54808,070	-54746,010
958+0,00	0,000	2,970	0,000	53,660	62,060	54861,730	-54799,670
959+0,00	0,000	3,270	0,000	62,460	62,060	54924,190	-54862,130
960+0,00	0,000	2,380	0,000	56,500	62,060	54980,690	-54918,630
961+0,00	0,000	2,350	0,000	47,230	62,060	55027,920	-54965,860
962+0,00	0,000	1,780	0,000	41,290	62,060	55069,210	-55007,150
963+0,00	0,000	2,170	0,000	39,520	62,060	55108,730	-55046,670
964+0,00	0,000	2,510	0,000	46,710	62,060	55155,440	-55093,380

Osvaldo Leôncio da
Diretor da Unidade de P
Projetos e Obras - E
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)
965+0,00	0,000	1,850	0,000	43,560	62,060	55198,990	-55136,930
966+0,00	0,000	1,950	0,000	38,010	62,060	55237,000	-55174,940
967+0,00	0,000	2,620	0,000	45,670	62,060	55282,680	-55220,620
968+0,00	0,000	1,800	0,000	44,130	62,060	55326,810	-55264,750
969+0,00	0,000	1,590	0,000	33,820	62,060	55360,620	-55298,560
970+0,00	0,000	2,750	0,000	43,380	62,060	55404,000	-55341,940
971+0,00	0,000	2,070	0,000	48,280	62,060	55452,280	-55390,220
972+0,00	0,000	0,980	0,000	30,610	62,060	55482,890	-55420,830
973+0,00	0,000	1,400	0,000	23,920	62,060	55506,810	-55444,750
974+0,00	0,120	0,390	1,190	17,920	63,250	55524,730	-55461,480
975+0,00	0,450	0,090	5,660	4,810	68,910	55529,540	-55460,630

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Scidade)

14.4 TRECHO IV

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Nota de Serviço Tabela

MUNICÍPIO DE FRANCISCO AYRES AO MUNICÍPIO DE AMARANTE - PI (ENTRONC. BR-343) 0+0.000 2338+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. (%)
-4.025	119.537	66.67	-4.000	119.520	-2.00	0+0.000	119.600	119.600	0.000	4.000	119.520	-2.00	4.220	119.667	66.67
-4.260	119.859	-150.00	-4.000	120.249	-2.00	1+0.000	120.329	119.953	0.376	4.000	120.249	-2.00	4.148	120.026	-150.00
-4.425	120.340	-150.00	-4.000	120.977	-2.00	2+0.000	121.057	120.386	0.671	4.000	120.977	-2.00	4.358	120.441	-150.00
-4.311	121.370	-150.00	-4.000	121.836	-2.00	3+0.000	121.916	121.424	0.492	4.000	121.836	-2.00	4.252	121.458	-150.00
-4.299	122.391	-150.00	-4.000	122.839	-2.00	4+0.000	122.919	122.448	0.472	4.000	122.839	-2.00	4.237	122.484	-150.00
-4.299	123.393	-150.00	-4.000	123.842	-2.00	5+0.000	123.922	123.471	0.452	4.000	123.842	-2.00	4.210	123.528	-150.00
-4.244	124.480	-150.00	-4.000	124.846	-2.00	6+0.000	124.926	124.561	0.365	4.000	124.846	-2.00	4.137	124.640	-150.00
-4.218	125.522	-150.00	-4.000	125.849	-2.00	7+0.000	125.929	125.616	0.313	4.000	125.849	-2.00	4.095	125.707	-150.00
-4.234	126.501	-150.00	-4.000	126.852	-2.00	8+0.000	126.932	126.619	0.313	4.000	126.852	-2.00	4.079	126.733	-150.00
-4.321	127.268	-150.00	-4.000	127.749	-2.00	9+0.000	127.829	127.380	0.449	4.000	127.749	-2.00	4.173	127.489	-150.00
-4.276	127.965	-150.00	-4.000	128.379	-2.00	10+0.000	128.459	128.076	0.383	4.000	128.379	-2.00	4.131	128.183	-150.00
-4.172	128.503	-150.00	-4.000	128.762	-2.00	11+0.000	128.842	128.607	0.235	4.000	128.762	-2.00	4.037	128.706	-150.00
-4.124	128.910	-150.00	-4.000	129.095	-2.00	12+0.000	129.175	129.031	0.144	4.000	129.095	-2.00	4.047	129.126	66.67
-4.138	129.222	-150.00	-4.000	129.429	-2.00	13+0.000	129.509	129.345	0.164	4.000	129.429	-2.00	4.035	129.453	66.67
-4.283	129.327	-150.00	-4.000	129.752	-2.00	14+0.000	129.832	129.454	0.377	4.000	129.752	-2.00	4.117	129.576	-150.00
-4.303	129.320	-150.00	-4.000	129.774	-2.00	15+0.000	129.854	129.452	0.403	4.000	129.774	-2.00	4.131	129.578	-150.00
-4.298	129.121	-150.00	-4.000	129.568	-2.00	16+0.000	129.648	129.269	0.379	4.000	129.568	-2.00	4.105	129.410	-150.00
-4.289	128.740	-150.00	-4.000	129.174	-2.00	17+0.000	129.254	128.885	0.369	4.000	129.174	-2.00	4.093	129.035	-150.00
-4.288	128.349	-150.00	-4.000	128.781	-2.00	18+0.000	128.861	128.501	0.360	4.000	128.781	-2.00	4.090	128.646	-150.00
-4.324	127.902	-150.00	-4.000	128.388	-2.00	19+0.000	128.468	128.059	0.409	4.000	128.388	-2.00	4.100	128.238	-150.00
-4.330	127.408	-150.00	-4.000	127.902	-2.00	20+0.000	127.982	127.567	0.416	4.000	127.902	-2.00	4.108	127.741	-150.00
-4.369	126.753	-150.00	-4.000	127.306	-2.00	21+0.000	127.386	126.973	0.414	4.000	127.306	-2.00	4.091	127.170	-150.00
-4.352	125.977	-150.00	-4.000	126.504	-2.00	22+0.000	126.584	126.186	0.398	4.000	126.504	-2.00	4.076	126.391	-150.00
-4.378	125.304	-150.00	-4.000	125.872	-2.00	23+0.000	125.952	125.518	0.434	4.000	125.872	-2.00	4.102	125.719	-150.00
-4.368	124.945	-150.00	-4.000	125.497	-2.00	24+0.000	125.577	125.102	0.475	4.000	125.497	-2.00	4.163	125.252	-150.00
-4.319	124.743	-150.00	-4.000	125.222	-2.00	25+0.000	125.302	124.838	0.463	4.000	125.222	-2.00	4.194	124.930	-150.00
-4.255	124.856	-150.00	-4.000	125.239	-2.00	26+0.000	125.319	124.919	0.400	4.000	125.239	-2.00	4.157	125.004	-150.00
-4.260	125.240	-150.00	-4.000	125.630	-2.00	27+0.000	125.710	125.304	0.406	4.000	125.630	-2.00	4.175	125.368	-150.00
-4.240	125.703	-150.00	-4.000	126.063	-2.00	28+0.000	126.143	125.817	0.325	4.000	126.063	-2.00	4.110	125.898	-150.00
-4.253	126.115	-150.00	-4.000	126.495	-2.00	29+0.000	126.575	126.275	0.299	4.000	126.495	-2.00	4.057	126.409	-150.00
-4.245	126.559	-150.00	-4.000	126.927	-2.00	30+0.000	127.007	126.720	0.287	4.000	126.927	-2.00	4.036	126.873	-150.00
-4.427	126.601	-150.00	-4.000	127.242	-2.00	31+0.000	127.322	126.809	0.512	4.000	127.242	-2.00	4.157	127.006	-150.00
-4.341	126.606	-150.00	-4.000	127.117	-2.00	32+0.000	127.197	126.783	0.414	4.000	127.117	-2.00	4.111	126.951	-150.00
-4.324	126.051	-150.00	-4.000	126.536	-2.00	33+0.000	126.616	126.219	0.397	4.000	126.536	-2.00	4.105	126.379	-150.00
-4.208	125.307	-150.00	-4.000	125.620	-2.00	34+0.000	125.700	125.461	0.238	4.000	125.620	-2.00	4.008	125.608	-150.00
-4.156	124.452	-150.00	-4.000	124.687	-2.00	35+0.000	124.767	124.595	0.172	4.000	124.687	-2.00	4.071	124.734	66.67
-4.222	123.421	-150.00	-4.000	123.754	-2.00	36+0.000	123.834	123.571	0.263	4.000	123.754	-2.00	4.027	123.713	-150.00
-4.214	122.500	-150.00	-4.000	122.820	-2.00	37+0.000	122.900	122.545	0.356	4.000	122.820	-2.00	4.150	122.596	-150.00
-4.195	121.624	-150.00	-4.000	121.916	-2.00	38+0.000	121.996	121.619	0.377	4.000	121.916	-2.00	4.200	121.616	-150.00
-4.192	120.873	-150.00	-4.000	121.161	-2.00	39+0.000	121.241	120.867	0.374	4.000	121.161	-2.00	4.200	120.860	-150.00
-4.168	120.433	-150.00	-4.000	120.686	-2.00	40+0.000	120.766	120.406	0.360	4.000	120.686	-2.00	4.205	120.379	-150.00
-4.150	120.350	-150.00	-4.000	120.575	-2.00	41+0.000	120.655	120.276	0.379	4.000	120.575	-2.00	4.250	120.200	-150.00
-4.151	120.598	-150.00	-4.000	120.825	-2.00	42+0.000	120.905	120.551	0.354	4.000	120.825	-2.00	4.216	120.501	-150.00
-4.208	120.907	-150.00	-4.000	121.220	-2.00	43+0.000	121.300	120.872	0.428	4.000	121.220	-2.00	4.256	120.836	-150.00
-4.179	121.360	-150.00	-4.000	121.628	-2.00	44+0.000	121.708	121.336	0.371	4.000	121.628	-2.00	4.210	121.313	-150.00
-4.184	121.875	-150.00	-4.000	122.150	-2.00	45+0.000	122.230	121.832	0.399	4.000	122.150	-2.00	4.241	121.788	-150.00
-4.181	122.435	-150.00	-4.000	122.707	-2.00	46+0.000	122.787	122.368	0.419	4.000	122.707	-2.00	4.293	122.268	-150.00
-4.186	122.984	-150.00	-4.000	123.263	-2.00	47+0.000	123.343	122.934	0.409	4.000	123.263	-2.00	4.272	122.855	-150.00
-4.175	123.558	-150.00	-4.000	123.820	-2.00	48+0.000	123.900	123.503	0.397	4.000	123.820	-2.00	4.249	123.447	-150.00
-4.117	124.481	-150.00	-4.000	124.657	-2.00	49+0.000	124.737	124.325	0.412	4.000	124.657	-2.00	4.330	124.161	-150.00
-4.112	125.573	-150.00	-4.000	125.741	-2.00	50+0.000	125.821	125.396	0.425	4.000	125.741	-2.00	4.343	125.226	-150.00
-4.098	126.614	-150.00	-4.000	126.761	-2.00	51+0.000	126.841	126.431	0.411	4.000	126.761	-2.00	4.335	126.259	-150.00
-4.110	127.518	-150.00	-4.000	127.684	-2.00	52+0.000	127.764	127.328	0.435	4.000	127.684	-2.00	4.371	127.126	-150.00
-4.130	128.400	-150.00	-4.000	128.594	-2.00	53+0.000	128.674	128.264	0.410	4.000	128.594	-2.00	4.346	128.076	-150.00
-4.143	129.097	-150.00	-4.000	129.311	-2.00	54+0.000	129.391	128.961	0.430	4.000	129.311	-2.00	4.341	128.799	-150.00
-4.130	129.719	-150.00	-4.000	129.913	-2.00	55+0.000	129.993	129.564	0.429	4.000	129.913	-2.00	4.341	129.401	-150.00
-4.102	130.247	-150.00	-4.000	130.400	-2.00	56+0.000	130.480	130.080	0.399	4.000	130.400	-2.00	4.330	129.904	-150.00
-4.082	130.713	-150.00	-4.000	130.836	-2.00	57+0.000	130.916	130.538	0.378	4.000	130.836	-2.00	4.324	130.350	-150.00
-4.092	131.133	-150.00	-4.000	131.272	-2.00	58+0.000	131.352	130.956	0.396	4.000	131.272	-2.00	4.337	130.765	-150.00
-4.067	131.607	-150.00	-4.000	131.708	-2.00	59+0.000	131.788	131.387	0.400	4.000	131.708	-2.00	4.326	131.218	-150.00
-4.084	132.142	-150.00	-4.000	132.268	-2.00	60+0.000	132.348	131.954	0.393	4.000	132.268	-2.00	4.324	131.782	-150.00
-4.103	132.933	-150.00	-4.000	133.088	-2.00	61+0.000	133.168	132.768	0.400	4.000	133.088	-2.00	4.345	132.571	-150.00
-4.093	133.597	-150.00	-4.000	133.737	-2.00	62+0.000	133.817	133.412	0.405	4.000	133.737	-2.00	4.348	133.216	-150.00
-4.081	134.131	-150.00	-4.000	134.252	-2.00	63+0.000	134.332	133.931	0.401	4.000	134.252	-2.00	4.356	133.718	-150.00
-4.028	134.449	-150.00	-4.000	134.491	-2.00	64+0.000	134.571	134.226	0.346	4.000	134.491	-2.00	4.338	133.985	-150.00
-4.079	134.266	-150.00	-4.000	134.384	-2.00	65+0.000	134.464	134.051	0.413	4.000	134.384	-2.00	4.376	133.820	-150.00
-4.032	133.892	-150.00	-4.000	133.941	-2.00	66+0.000	134.021	133.694	0.326	4.000	133.941	-2.00	4.305	133.483	-150.00
-4.107	133.294	-150.00	-4.000	133.455	-2.00	67+0.000	133.535	133.133	0.402	4.000	133.455	-2.00	4.328	132.963	-150.00
-4.166	132.721	-150.00	-4.000	132.969	-2.00	68+0.000	133.049	132.579	0.470	4.000	132.969	-2.00	4.328	132.476	-150.00
-4.113	132.331	-150.00	-4.000	132.501	-2.00	69+0.000	132.581	132.242	0.339	4.000	132.501	-2.00	4.234	132.151	-150.00
-4.247	131.946	-150.00	-4.000	132.317	-2.00	70+0.000	132.397	131.959	0.437	4.000	132.317	-2.00	4.229	131.973	-150.00
-4.279	131.909	-150.00	-4.000	132.327	-2.00	71+0.000	132.407	131.921	0.487	4.000	132.327	-2.00	4.262	131.935	-150.00
-4.394	131.748	-150.00	-4.000	132.339	-2.00	72+0.000	132.419	131.897	0.521	4.000	132.339	-2.00	4.245	131.971	-150.00
-4.362	131.807	-150.00	-4.000	132.350	-2.00	73+0.000	132.430	131.942	0.487	4.000	132.350	-2.00	4.176	132.085	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades/Secid

-4.374	131.799	-150.00	-4.000	132.361	-2.00	74+0.000	132.441	132.013	0.428	4.000	132.361	-2.00	4.091	132.224	-150.00
-4.363	131.815	-150.00	-4.000	132.360	-2.00	75+0.000	132.440	132.033	0.407	4.000	132.360	-2.00	4.087	132.229	-150.00
-4.360	131.611	-150.00	-4.000	132.152	-2.00	76+0.000	132.232	131.823	0.409	4.000	132.152	-2.00	4.087	132.022	-150.00
-4.347	131.213	-150.00	-4.000	131.733	-2.00	77+0.000	131.813	131.403	0.409	4.000	131.733	-2.00	4.100	131.583	-150.00
-4.209	130.527	-150.00	-4.000	130.840	-2.00	78+0.000	130.920	130.617	0.303	4.000	130.840	-2.00	4.097	130.695	-150.00
-4.278	129.191	-150.00	-4.000	129.608	-2.00	79+0.000	129.688	129.288	0.399	4.000	129.608	-2.00	4.150	129.383	-150.00
-4.304	127.920	-150.00	-4.000	128.375	-2.00	80+0.000	128.455	128.018	0.436	4.000	128.375	-2.00	4.174	128.114	-150.00
-4.339	126.633	-150.00	-4.000	127.142	-2.00	81+0.000	127.222	126.680	0.542	4.000	127.142	-2.00	4.278	126.725	-150.00
-4.267	125.526	-150.00	-4.000	125.927	-2.00	82+0.000	126.007	125.557	0.450	4.000	125.927	-2.00	4.236	125.573	-150.00
-4.291	124.569	-150.00	-4.000	125.006	-2.00	83+0.000	125.086	124.573	0.513	4.000	125.006	-2.00	4.286	124.578	-150.00
-4.147	124.254	-150.00	-4.000	124.475	-2.00	84+0.000	124.555	124.246	0.309	4.000	124.475	-2.00	4.158	124.238	-150.00
-4.112	124.166	-150.00	-4.000	124.334	-2.00	85+0.000	124.414	124.157	0.258	4.000	124.334	-2.00	4.128	124.142	-150.00
-4.230	124.237	-150.00	-4.000	124.583	-2.00	86+0.000	124.663	124.223	0.440	4.000	124.583	-2.00	4.250	124.208	-150.00
-4.307	124.628	-150.00	-4.000	125.089	-2.00	87+0.000	125.169	124.700	0.469	4.000	125.089	-2.00	4.212	124.771	-150.00
-4.273	125.192	-150.00	-4.000	125.602	-2.00	88+0.000	125.682	125.260	0.422	4.000	125.602	-2.00	4.184	125.326	-150.00
-4.318	125.636	-150.00	-4.000	126.114	-2.00	89+0.000	126.194	125.714	0.480	4.000	126.114	-2.00	4.216	125.790	-150.00
-4.296	126.182	-150.00	-4.000	126.626	-2.00	90+0.000	126.706	126.277	0.429	4.000	126.626	-2.00	4.172	126.369	-150.00
-4.285	126.711	-150.00	-4.000	127.139	-2.00	91+0.000	127.219	126.803	0.416	4.000	127.139	-2.00	4.164	126.892	-150.00
-4.282	127.227	-150.00	-4.000	127.649	-2.00	92+0.000	127.729	127.323	0.407	4.000	127.649	-2.00	4.163	127.404	-150.00
-4.286	127.637	-150.00	-4.000	128.066	-2.00	93+0.000	128.146	127.743	0.404	4.000	128.066	-2.00	4.151	127.840	-150.00
-4.251	128.017	-150.00	-4.000	128.393	-2.00	94+0.000	128.473	128.113	0.360	4.000	128.393	-2.00	4.124	128.208	-150.00
-4.231	128.335	-150.00	-4.000	128.681	-2.00	95+0.000	128.761	128.430	0.332	4.000	128.681	-2.00	4.107	128.521	-150.00
-4.193	128.681	-150.00	-4.000	128.970	-2.00	96+0.000	129.050	128.744	0.306	4.000	128.970	-2.00	4.109	128.806	-150.00
-4.203	128.953	-150.00	-4.000	129.258	-2.00	97+0.000	129.338	129.016	0.322	4.000	129.258	-2.00	4.120	129.078	-150.00
-4.198	129.249	-150.00	-4.000	129.546	-2.00	98+0.000	129.626	129.302	0.324	4.000	129.546	-2.00	4.128	129.355	-150.00
-4.223	129.611	-150.00	-4.000	129.945	-2.00	99+0.000	130.025	129.668	0.357	4.000	129.945	-2.00	4.151	129.720	-150.00
-4.312	130.016	-150.00	-4.000	130.484	-2.00	100+0.000	130.564	130.069	0.494	4.000	130.484	-2.00	4.241	130.122	-150.00
-4.354	130.491	-150.00	-4.000	131.022	-2.00	101+0.000	131.102	130.579	0.522	4.000	131.022	-2.00	4.229	130.679	-150.00
-4.282	131.171	-150.00	-4.000	131.593	-2.00	102+0.000	131.673	131.273	0.401	4.000	131.593	-2.00	4.148	131.372	-150.00
-4.286	131.935	-150.00	-4.000	132.364	-2.00	103+0.000	132.444	132.090	0.354	4.000	132.364	-2.00	4.083	132.240	-150.00
-4.221	132.844	-150.00	-4.000	133.176	-2.00	104+0.000	133.256	133.027	0.229	4.000	133.176	-2.00	4.038	133.201	66.67
-4.266	133.588	-150.00	-4.000	133.987	-2.00	105+0.000	134.067	133.772	0.295	4.000	133.987	-2.00	4.028	133.945	-150.00
-4.381	134.189	-150.00	-4.000	134.761	-2.00	106+0.000	134.841	134.392	0.449	4.000	134.761	-2.00	4.089	134.627	-150.00
-4.469	134.722	-150.00	-4.000	135.425	-2.00	107+0.000	135.505	134.948	0.557	4.000	135.425	-2.00	4.165	135.177	-150.00
-4.578	135.129	-150.00	-4.000	135.997	-2.00	108+0.000	136.077	135.410	0.666	4.000	135.997	-2.00	4.205	135.689	-150.00
-4.649	135.585	-150.00	-4.000	136.558	-2.00	109+0.000	136.638	135.893	0.745	4.000	136.558	-2.00	4.255	136.175	-150.00
-4.580	136.249	-150.00	-4.000	137.120	-2.00	110+0.000	137.200	136.553	0.647	4.000	137.120	-2.00	4.192	136.832	-150.00
-4.559	136.843	-150.00	-4.000	137.682	-2.00	111+0.000	137.762	137.169	0.593	4.000	137.682	-2.00	4.144	137.465	-150.00
-4.463	137.548	-150.00	-4.000	138.244	-2.00	112+0.000	138.324	137.807	0.517	4.000	138.244	-2.00	4.132	138.046	-150.00
-4.422	138.129	-150.00	-4.000	138.763	-2.00	113+0.000	138.843	138.334	0.509	4.000	138.763	-2.00	4.132	138.564	-150.00
-4.257	138.708	-150.00	-4.000	139.093	-2.00	114+0.000	139.173	138.884	0.289	4.000	139.093	-2.00	4.028	139.051	-150.00
-4.191	138.936	-150.00	-4.000	139.222	-2.00	115+0.000	139.302	139.069	0.233	4.000	139.222	-2.00	4.017	139.196	-150.00
-4.219	138.820	-150.00	-4.000	139.149	-2.00	116+0.000	139.229	138.953	0.277	4.000	139.149	-2.00	4.046	139.080	-150.00
-4.247	138.505	-150.00	-4.000	138.876	-2.00	117+0.000	138.956	138.662	0.294	4.000	138.876	-2.00	4.043	138.812	-150.00
-4.315	137.928	-150.00	-4.000	138.401	-2.00	118+0.000	138.481	138.122	0.359	4.000	138.401	-2.00	4.063	138.307	-150.00
-4.288	137.402	-150.00	-4.000	137.834	-2.00	119+0.000	137.914	137.598	0.316	4.000	137.834	-2.00	4.034	137.782	-150.00
-4.368	136.715	-150.00	-4.000	137.267	-2.00	120+0.000	137.347	136.879	0.468	4.000	137.267	-2.00	4.154	137.036	-150.00
-4.317	136.224	-150.00	-4.000	136.700	-2.00	121+0.000	136.780	136.374	0.405	4.000	136.700	-2.00	4.123	136.515	-150.00
-4.295	135.611	-150.00	-4.000	136.053	-2.00	122+0.000	136.133	135.746	0.386	4.000	136.053	-2.00	4.118	135.876	-150.00
-4.251	134.913	-150.00	-4.000	135.289	-2.00	123+0.000	135.369	135.026	0.343	4.000	135.289	-2.00	4.103	135.135	-150.00
-4.289	134.086	-150.00	-4.000	134.519	-2.00	124+0.000	134.599	134.199	0.400	4.000	134.519	-2.00	4.149	134.297	-150.00
-4.303	133.120	-150.00	-4.000	133.575	-2.00	125+0.000	133.655	133.191	0.463	4.000	133.575	-2.00	4.187	133.294	-150.00
-4.270	132.169	-150.00	-4.000	132.575	-2.00	126+0.000	132.655	132.233	0.421	4.000	132.575	-2.00	4.185	132.296	-150.00
-4.230	131.230	-150.00	-4.000	131.574	-2.00	127+0.000	131.654	131.302	0.352	4.000	131.574	-2.00	4.134	131.373	-150.00
-4.233	130.370	-150.00	-4.000	130.720	-2.00	128+0.000	130.800	130.411	0.389	4.000	130.720	-2.00	4.179	130.452	-150.00
-4.216	129.741	-150.00	-4.000	130.065	-2.00	129+0.000	130.145	129.762	0.384	4.000	130.065	-2.00	4.188	129.782	-150.00
-4.299	129.261	-150.00	-4.000	129.710	-2.00	130+0.000	129.790	129.285	0.506	4.000	129.710	-2.00	4.268	129.308	-150.00
-4.318	129.026	-150.00	-4.000	129.503	-2.00	131+0.000	129.583	129.100	0.484	4.000	129.503	-2.00	4.221	129.171	-150.00
-4.297	128.850	-150.00	-4.000	129.296	-2.00	132+0.000	129.376	128.976	0.400	4.000	129.296	-2.00	4.132	129.098	-150.00
-4.291	128.892	-150.00	-4.000	129.328	-2.00	133+0.000	129.408	129.019	0.389	4.000	129.328	-2.00	4.124	129.142	-150.00
-4.290	129.038	-150.00	-4.000	129.474	-2.00	134+0.000	129.554	129.166	0.388	4.000	129.474	-2.00	4.124	129.288	-150.00
-4.274	129.360	-150.00	-4.000	129.771	-2.00	135+0.000	129.851	129.460	0.392	4.000	129.771	-2.00	4.144	129.556	-150.00
-4.218	129.829	-150.00	-4.000	130.156	-2.00	136+0.000	130.236	129.838	0.398	4.000	130.156	-2.00	4.178	129.889	-150.00
-4.330	130.456	-150.00	-4.000	130.951	-2.00	137+0.000	131.031	130.458	0.573	4.000	130.951	-2.00	4.327	130.460	-150.00
-4.392	131.191	-150.00	-4.000	131.779	-2.00	138+0.000	131.859	131.193	0.666	4.000	131.779	-2.00	4.389	131.195	-150.00
-4.389	132.023	-150.00	-4.000	132.606	-2.00	139+0.000	132.686	132.013	0.673	4.000	132.606	-2.00	4.401	132.004	-150.00
-4.323	132.949	-150.00	-4.000	133.433	-2.00	140+0.000	133.513	132.930	0.583	4.000	133.433	-2.00	4.347	132.912	-150.00
-4.242	133.972	-150.00	-4.000	134.335	-2.00	141+0.000	134.415	133.946	0.469	4.000	134.335	-2.00	4.277	133.919	-150.00
-4.213	134.995	-150.00	-4.000	135.314	-2.00	142+0.000	135.394	134.973	0.421	4.000	135.314	-2.00	4.242	134.951	-150.00
-4.207	135.982	-150.00	-4.000	136.293	-2.00	143+0.000	136.373	135.963	0.410	4.000	136.293	-2.00	4.235	135.941	-150.00
-4.201	136.884	-150.00	-4.000	137.186	-2.00	144+0.000	137.266	136.865	0.401	4.000	137.186	-2.00	4.242	136.822	-150.00
-4.163	137.688	-150.00	-4.000	137.932	-2.00	145+0.000	138.012	137.634	0.378	4.000	137.932	-2.00	4.239	137.573	-150.00
-4.166	138.276	-150.00	-4.000	138.525	-2.00	146+0.000	138.605	138.220	0.385	4.000	138.525	-2.00	4.235	138.172	-150.00
-4.133	138.765	-150.00	-4.000	138.964	-2.00	147+0.000	139.044	138.737	0.307	4.000	138.964	-2.00	4.169	138.710	-150.00
-4.136	139.057	-150.00	-4.000	139.261	-2.00	148+0.000	139.341	139.017	0.324	4.000	139.261	-2.00	4.214	138.940	-150.00
-4.134	139.330	-150.00	-4.000	139.531	-2.00	149+0.000	139.611	139.253	0.358	4.000	139.531	-2.00	4.238	139.174	-150.00
-4.073	139.691	-150.00	-4.000	139.800	-2.00	150+0.000	139.880	139.640	0.240	4.000	139.800	-2.00	4.143	139.585	-150.00
-4.128	139.879	-150.00	-4.000	140.070	-2.00	151+0.000	140.150	139.903	0.247	4.000	140.070	-2.00	4.095	139.927	-150.00
-4.140	140.129	-150.00	-4.000	140.339	-2.00	152+0.000	140.419	140.176	0.243	4.000	140.339	-2.00	4.058	140.252	-150.00
-4.270	140.186	-150.00	-4.000	140.591	-2.00	153+0.000	140.671	140.270	0.402	4.000	140.591	-2.00	4.160	140.351	-150.00
-4.255	140.003	-150.00	-4.000	140.386	-2.00	154+0.000	140.466	140.071	0.395	4.000	140.386	-2.00	4.166	140.137	-150.00

Osvaldo Leôncio da Sil
Diretor da Unidade de Proj
Projetos e Obras - DE
Secretaria das Cidades

-4.237	139.710	-150.00	-4.000	140.066	-2.00	155+0.000	140.146	139.774	0.371	4.000	140.066	-2.00	4.147	139.846	-150.00
-4.248	139.373	-150.00	-4.000	139.745	-2.00	156+0.000	139.825	139.434	0.392	4.000	139.745	-2.00	4.148	139.523	-150.00
-4.248	139.190	-150.00	-4.000	139.562	-2.00	157+0.000	139.642	139.246	0.396	4.000	139.562	-2.00	4.151	139.335	-150.00
-4.243	139.085	-150.00	-4.000	139.450	-2.00	158+0.000	139.530	139.135	0.395	4.000	139.450	-2.00	4.147	139.230	-150.00
-4.249	139.048	-150.00	-4.000	139.421	-2.00	159+0.000	139.501	139.093	0.408	4.000	139.421	-2.00	4.148	139.200	-150.00
-4.247	139.022	-150.00	-4.000	139.392	-2.00	160+0.000	139.472	139.068	0.405	4.000	139.392	-2.00	4.157	139.156	-150.00
-4.228	139.039	-150.00	-4.000	139.381	-2.00	161+0.000	139.461	139.064	0.397	4.000	139.381	-2.00	4.148	139.158	-150.00
-4.249	139.129	-150.00	-4.000	139.503	-2.00	162+0.000	139.583	139.163	0.419	4.000	139.503	-2.00	4.163	139.258	-150.00
-4.258	139.242	-150.00	-4.000	139.629	-2.00	163+0.000	139.709	139.289	0.421	4.000	139.629	-2.00	4.170	139.374	-150.00
-4.276	139.340	-150.00	-4.000	139.755	-2.00	164+0.000	139.835	139.436	0.399	4.000	139.755	-2.00	4.152	139.527	-150.00
-4.255	139.395	-150.00	-4.000	139.777	-2.00	165+0.000	139.857	139.502	0.356	4.000	139.777	-2.00	4.122	139.595	-150.00
-4.259	139.372	-150.00	-4.000	139.760	-2.00	166+0.000	139.840	139.472	0.368	4.000	139.760	-2.00	4.128	139.567	-150.00
-4.249	139.254	-150.00	-4.000	139.627	-2.00	167+0.000	139.707	139.332	0.374	4.000	139.627	-2.00	4.146	139.408	-150.00
-4.301	138.768	-150.00	-4.000	139.220	-2.00	168+0.000	139.300	138.826	0.474	4.000	139.220	-2.00	4.225	138.882	-150.00
-4.223	138.247	-150.00	-4.000	138.581	-2.00	169+0.000	138.661	138.304	0.357	4.000	138.581	-2.00	4.147	138.360	-150.00
-4.162	137.672	-150.00	-4.000	137.915	-2.00	170+0.000	137.995	137.688	0.307	4.000	137.915	-2.00	4.141	137.704	-150.00
-4.182	136.977	-150.00	-4.000	137.249	-2.00	171+0.000	137.329	136.992	0.338	4.000	137.249	-2.00	4.162	137.007	-150.00
-4.212	136.266	-150.00	-4.000	136.584	-2.00	172+0.000	136.664	136.247	0.417	4.000	136.584	-2.00	4.230	136.239	-150.00
-4.190	135.633	-150.00	-4.000	135.918	-2.00	173+0.000	135.998	135.606	0.392	4.000	135.918	-2.00	4.227	135.578	-150.00
-4.188	134.971	-150.00	-4.000	135.252	-2.00	174+0.000	135.332	134.944	0.389	4.000	135.252	-2.00	4.223	134.917	-150.00
-4.181	134.315	-150.00	-4.000	134.587	-2.00	175+0.000	134.667	134.293	0.373	4.000	134.587	-2.00	4.210	134.272	-150.00
-4.164	133.678	-150.00	-4.000	133.924	-2.00	176+0.000	134.004	133.681	0.324	4.000	133.924	-2.00	4.161	133.683	-150.00
-4.135	133.199	-150.00	-4.000	133.402	-2.00	177+0.000	133.482	133.231	0.251	4.000	133.402	-2.00	4.105	133.244	-150.00
-4.228	132.747	-150.00	-4.000	133.089	-2.00	178+0.000	133.169	132.776	0.393	4.000	133.089	-2.00	4.190	132.805	-150.00
-4.290	132.552	-150.00	-4.000	132.988	-2.00	179+0.000	133.068	132.606	0.462	4.000	132.988	-2.00	4.220	132.658	-150.00
-4.283	132.672	-150.00	-4.000	133.096	-2.00	180+0.000	133.176	132.730	0.446	4.000	133.096	-2.00	4.212	132.779	-150.00
-4.296	132.971	-150.00	-4.000	133.416	-2.00	181+0.000	133.496	133.032	0.464	4.000	133.416	-2.00	4.216	133.092	-150.00
-4.208	133.634	-150.00	-4.000	133.946	-2.00	182+0.000	134.026	133.718	0.308	4.000	133.946	-2.00	4.098	133.799	-150.00
-4.245	134.308	-150.00	-4.000	134.675	-2.00	183+0.000	134.755	134.392	0.363	4.000	134.675	-2.00	4.126	134.487	-150.00
-4.244	135.087	-150.00	-4.000	135.453	-2.00	184+0.000	135.533	135.194	0.339	4.000	135.453	-2.00	4.103	135.298	-150.00
-4.383	135.649	-150.00	-4.000	136.223	-2.00	185+0.000	136.303	135.789	0.514	4.000	136.223	-2.00	4.200	135.924	-150.00
-4.443	136.090	-150.00	-4.000	136.755	-2.00	186+0.000	136.835	136.236	0.599	4.000	136.755	-2.00	4.245	136.388	-150.00
-4.366	136.390	-150.00	-4.000	136.939	-2.00	187+0.000	137.019	136.550	0.469	4.000	136.939	-2.00	4.158	136.702	-150.00
-4.345	136.258	-150.00	-4.000	136.776	-2.00	188+0.000	136.856	136.427	0.429	4.000	136.776	-2.00	4.126	136.587	-150.00
-4.307	135.805	-150.00	-4.000	136.265	-2.00	189+0.000	136.345	135.970	0.375	4.000	136.265	-2.00	4.075	136.152	-150.00
-4.220	135.076	-150.00	-4.000	135.406	-2.00	190+0.000	135.486	135.272	0.214	4.000	135.406	-2.00	4.083	135.461	66.67
-4.256	133.956	-150.00	-4.000	134.339	-2.00	191+0.000	134.419	134.138	0.281	4.000	134.339	-2.00	4.020	134.310	-150.00
-4.320	132.791	-150.00	-4.000	133.270	-2.00	192+0.000	133.350	132.974	0.376	4.000	133.270	-2.00	4.088	133.138	-150.00
-4.361	131.659	-150.00	-4.000	132.201	-2.00	193+0.000	132.281	131.811	0.471	4.000	132.201	-2.00	4.164	131.955	-150.00
-4.199	131.040	-150.00	-4.000	131.339	-2.00	194+0.000	131.419	131.165	0.253	4.000	131.339	-2.00	4.035	131.285	-150.00
-4.248	130.648	-150.00	-4.000	131.019	-2.00	195+0.000	131.099	130.786	0.313	4.000	131.019	-2.00	4.067	130.919	-150.00
-4.228	130.906	-150.00	-4.000	131.249	-2.00	196+0.000	131.329	131.024	0.305	4.000	131.249	-2.00	4.074	131.137	-150.00
-4.306	131.402	-150.00	-4.000	131.860	-2.00	197+0.000	131.940	131.556	0.385	4.000	131.860	-2.00	4.121	131.679	-150.00
-4.349	131.963	-150.00	-4.000	132.486	-2.00	198+0.000	132.566	132.115	0.450	4.000	132.486	-2.00	4.150	132.261	-150.00
-4.284	132.753	-150.00	-4.000	133.178	-2.00	199+0.000	133.258	132.879	0.380	4.000	133.178	-2.00	4.119	133.000	-150.00
-4.247	133.540	-150.00	-4.000	133.910	-2.00	200+0.000	133.990	133.665	0.325	4.000	133.910	-2.00	4.088	133.778	-150.00
-4.272	134.234	-150.00	-4.000	134.641	-2.00	201+0.000	134.721	134.334	0.387	4.000	134.641	-2.00	4.140	134.432	-150.00
-4.249	134.897	-150.00	-4.000	135.271	-2.00	202+0.000	135.351	134.941	0.410	4.000	135.271	-2.00	4.191	134.985	-150.00
-4.224	135.377	-150.00	-4.000	135.713	-2.00	203+0.000	135.793	135.390	0.403	4.000	135.713	-2.00	4.207	135.402	-150.00
-4.228	135.607	-150.00	-4.000	135.950	-2.00	204+0.000	136.030	135.620	0.410	4.000	135.950	-2.00	4.211	135.633	-150.00
-4.199	135.613	-150.00	-4.000	135.912	-2.00	205+0.000	135.992	135.584	0.409	4.000	135.912	-2.00	4.253	135.533	-150.00
-4.144	135.430	-150.00	-4.000	135.645	-2.00	206+0.000	135.725	135.338	0.387	4.000	135.645	-2.00	4.268	135.243	-150.00
-4.027	135.059	66.67	-4.000	135.041	-2.00	207+0.000	135.121	134.968	0.152	4.000	135.041	-2.00	4.110	134.876	-150.00
-4.041	134.374	-150.00	-4.000	134.435	-2.00	208+0.000	134.515	134.218	0.298	4.000	134.435	-2.00	4.255	134.053	-150.00
-4.092	133.692	-150.00	-4.000	133.830	-2.00	209+0.000	133.910	133.537	0.372	4.000	133.830	-2.00	4.303	133.375	-150.00
-4.124	132.901	-150.00	-4.000	133.086	-2.00	210+0.000	133.166	132.719	0.447	4.000	133.086	-2.00	4.374	132.526	-150.00
-4.101	132.150	-150.00	-4.000	132.301	-2.00	211+0.000	132.381	131.960	0.421	4.000	132.301	-2.00	4.363	131.757	-150.00
-4.072	131.465	-150.00	-4.000	131.574	-2.00	212+0.000	131.654	131.268	0.386	4.000	131.574	-2.00	4.343	131.059	-150.00
-4.095	131.117	-150.00	-4.000	131.260	-2.00	213+0.000	131.340	130.948	0.392	4.000	131.260	-2.00	4.327	130.769	-150.00
-4.120	130.944	-150.00	-4.000	131.124	-2.00	214+0.000	131.204	130.806	0.398	4.000	131.124	-2.00	4.300	130.675	-150.00
-4.135	130.935	-150.00	-4.000	131.139	-2.00	215+0.000	131.219	130.824	0.395	4.000	131.139	-2.00	4.284	130.713	-150.00
-4.159	130.972	-150.00	-4.000	131.211	-2.00	216+0.000	131.291	130.877	0.414	4.000	131.211	-2.00	4.276	130.797	-150.00
-4.171	131.028	-150.00	-4.000	131.284	-2.00	217+0.000	131.364	130.938	0.425	4.000	131.284	-2.00	4.283	130.859	-150.00
-4.183	131.074	-150.00	-4.000	131.349	-2.00	218+0.000	131.429	131.023	0.405	4.000	131.349	-2.00	4.257	130.964	-150.00
-4.188	130.673	-150.00	-4.000	130.954	-2.00	219+0.000	131.034	130.623	0.411	4.000	130.954	-2.00	4.261	130.563	-150.00
-4.204	130.192	-150.00	-4.000	130.499	-2.00	220+0.000	130.579	130.173	0.406	4.000	130.499	-2.00	4.256	130.115	-150.00
-4.195	129.630	-150.00	-4.000	129.922	-2.00	221+0.000	130.002	129.604	0.397	4.000	129.922	-2.00	4.229	129.579	-150.00
-4.192	129.056	-150.00	-4.000	129.344	-2.00	222+0.000	129.424	129.030	0.394	4.000	129.344	-2.00	4.227	129.004	-150.00
-4.196	128.559	-150.00	-4.000	128.853	-2.00	223+0.000	128.933	128.535	0.398	4.000	128.853	-2.00	4.229	128.510	-150.00
-4.198	128.201	-150.00	-4.000	128.498	-2.00	224+0.000	128.578	128.168	0.411	4.000	128.498	-2.00	4.243	128.134	-150.00
-4.235	127.962	-150.00	-4.000	128.315	-2.00	225+0.000	128.395	127.936	0.459	4.000	128.315	-2.00	4.270	127.910	-150.00
-4.258	127.781	-150.00	-4.000	128.168	-2.00	226+0.000	128.248	127.752	0.496	4.000	128.168	-2.00	4.301	127.716	-150.00
-4.198	127.726	-150.00	-4.000	128.024	-2.00	227+0.000	128.104	127.709	0.395	4.000	128.024	-2.00	4.227	127.683	-150.00
-4.150	127.917	-150.00	-4.000	128.142	-2.00	228+0.000	128.222	127.845	0.377	4.000	128.142	-2.00	4.252	127.764	-150.00
-4.160	128.075	-150.00	-4.000	128.314	-2.00	229+0.000	128.394	127.996	0.398	4.000	128.314	-2.00	4.262	127.922	-150.00
-4.105	128.332	-150.00	-4.000	128.489	-2.00	230+0.000	128.569	128.257	0.313	4.000	128.489	-2.00	4.220	128.160	-150.00
-4.082	128.541	-150.00	-4.000	128.664	-2.00	231+0.000	128.744	128.434	0.310	4.000	128.664	-2.00	4.222	128.331	-150.00
-4.069	128.707	-150.00	-4.000	128.810	-2.00	232+0.000	128.890	128.644	0.246	4.000	128.810	-2.00	4.184	128.535	-150.00
-4.132	128.564	-150.00	-4.000	128.761	-2.00	233+0.000	128.841	128.556	0.286	4.000	128.761	-2.00	4.143	128.547	-150.00
-4.122	128.308	-150.00	-4.000	128.492	-2.00	234+0.000	128.572	128.275	0.297	4.000	128.492	-2.00	4.167	128.241	-150.00
-4.211	127.684	-150.00	-4.000	128.001	-2.00	235+0.000	128.081	127.721	0.360	4.000	128.001	-2.00	4.162	127.758	-150.00

Osvaldo Leoncio da Silva
Diretor da Unidade de Projetos
Projetos e Obras - DUPO
Secretaria das Cidades (Secid)

-4.236	126.935	-150.00	-4.000	127.289	-2.00	236+0.000	127.369	126.949	0.421	4.000	127.289	-2.00	4.218	126.962	-150.00
-4.236	126.003	-150.00	-4.000	126.357	-2.00	237+0.000	126.437	126.032	0.405	4.000	126.357	-2.00	4.201	126.055	-150.00
-4.298	124.756	-150.00	-4.000	125.203	-2.00	238+0.000	125.283	124.800	0.483	4.000	125.203	-2.00	4.253	124.823	-150.00
-4.300	123.506	-150.00	-4.000	123.956	-2.00	239+0.000	124.036	123.639	0.397	4.000	123.956	-2.00	4.144	123.740	-150.00
-4.304	122.350	-150.00	-4.000	122.806	-2.00	240+0.000	122.886	122.488	0.398	4.000	122.806	-2.00	4.135	122.603	-150.00
-4.298	121.240	-150.00	-4.000	121.688	-2.00	241+0.000	121.768	121.374	0.394	4.000	121.688	-2.00	4.132	121.489	-150.00
-4.338	120.259	-150.00	-4.000	120.766	-2.00	242+0.000	120.846	120.398	0.448	4.000	120.766	-2.00	4.154	120.535	-150.00
-4.437	119.519	-150.00	-4.000	120.175	-2.00	243+0.000	120.255	119.662	0.594	4.000	120.175	-2.00	4.252	119.798	-150.00
-4.306	119.150	-150.00	-4.000	119.609	-2.00	244+0.000	119.689	119.220	0.469	4.000	119.609	-2.00	4.213	119.289	-150.00
-4.239	118.969	-150.00	-4.000	119.328	-2.00	245+0.000	119.408	119.030	0.378	4.000	119.328	-2.00	4.159	119.090	-150.00
-4.312	118.937	-150.00	-4.000	119.404	-2.00	246+0.000	119.484	119.016	0.468	4.000	119.404	-2.00	4.207	119.094	-150.00
-4.229	119.493	-150.00	-4.000	119.836	-2.00	247+0.000	119.916	119.533	0.383	4.000	119.836	-2.00	4.175	119.574	-150.00
-4.235	120.268	-150.00	-4.000	120.621	-2.00	248+0.000	120.701	120.297	0.404	4.000	120.621	-2.00	4.197	120.326	-150.00
-4.210	121.214	-150.00	-4.000	121.530	-2.00	249+0.000	121.610	121.247	0.363	4.000	121.530	-2.00	4.169	121.277	-150.00
-4.225	122.101	-150.00	-4.000	122.439	-2.00	250+0.000	122.519	122.153	0.366	4.000	122.439	-2.00	4.136	122.234	-150.00
-4.260	122.957	-150.00	-4.000	123.347	-2.00	251+0.000	123.427	123.024	0.402	4.000	123.347	-2.00	4.176	123.082	-150.00
-4.220	123.502	-150.00	-4.000	123.833	-2.00	252+0.000	123.913	123.569	0.344	4.000	123.833	-2.00	4.143	123.618	-150.00
-4.259	123.930	-150.00	-4.000	124.318	-2.00	253+0.000	124.398	123.979	0.419	4.000	124.318	-2.00	4.194	124.028	-150.00
-4.267	124.403	-150.00	-4.000	124.804	-2.00	254+0.000	124.884	124.426	0.458	4.000	124.804	-2.00	4.237	124.449	-150.00
-4.269	125.061	-150.00	-4.000	125.465	-2.00	255+0.000	125.545	125.073	0.472	4.000	125.465	-2.00	4.253	125.085	-150.00
-4.257	125.893	-150.00	-4.000	126.278	-2.00	256+0.000	126.358	125.817	0.541	4.000	126.278	-2.00	4.353	125.748	-150.00
-4.179	126.822	-150.00	-4.000	127.091	-2.00	257+0.000	127.171	126.758	0.413	4.000	127.091	-2.00	4.281	126.670	-150.00
-4.178	127.707	-150.00	-4.000	127.975	-2.00	258+0.000	128.055	127.571	0.484	4.000	127.975	-2.00	4.343	127.460	-150.00
-4.146	128.650	-150.00	-4.000	128.869	-2.00	259+0.000	128.949	128.516	0.433	4.000	128.869	-2.00	4.328	128.377	-150.00
-4.143	129.549	-150.00	-4.000	129.764	-2.00	260+0.000	129.844	129.431	0.413	4.000	129.764	-2.00	4.315	129.292	-150.00
-4.141	130.297	-150.00	-4.000	130.509	-2.00	261+0.000	130.589	130.194	0.395	4.000	130.509	-2.00	4.282	130.086	-150.00
-4.116	130.933	-150.00	-4.000	131.107	-2.00	262+0.000	131.187	130.828	0.359	4.000	131.107	-2.00	4.331	130.612	-150.00
-4.150	131.391	-150.00	-4.000	131.617	-2.00	263+0.000	131.697	131.223	0.473	4.000	131.617	-2.00	4.380	131.046	-150.00
-4.147	131.782	-150.00	-4.000	132.003	-2.00	264+0.000	132.083	131.710	0.373	4.000	132.003	-2.00	4.244	131.637	-150.00
-4.173	132.007	-150.00	-4.000	132.267	-2.00	265+0.000	132.347	131.952	0.395	4.000	132.267	-2.00	4.247	131.896	-150.00
-4.184	132.132	-150.00	-4.000	132.408	-2.00	266+0.000	132.488	132.089	0.398	4.000	132.408	-2.00	4.241	132.046	-150.00
-4.199	132.128	-150.00	-4.000	132.426	-2.00	267+0.000	132.506	132.110	0.396	4.000	132.426	-2.00	4.223	132.092	-150.00
-4.165	132.141	-150.00	-4.000	132.389	-2.00	268+0.000	132.469	132.123	0.345	4.000	132.389	-2.00	4.212	132.070	-150.00
-4.177	132.086	-150.00	-4.000	132.351	-2.00	269+0.000	132.431	132.070	0.361	4.000	132.351	-2.00	4.197	132.055	-150.00
-4.230	132.107	-150.00	-4.000	132.451	-2.00	270+0.000	132.531	132.148	0.384	4.000	132.451	-2.00	4.175	132.188	-150.00
-4.244	132.630	-150.00	-4.000	132.996	-2.00	271+0.000	133.076	132.739	0.337	4.000	132.996	-2.00	4.116	132.822	-150.00
-4.289	133.107	-150.00	-4.000	133.541	-2.00	272+0.000	133.621	133.212	0.409	4.000	133.541	-2.00	4.152	133.313	-150.00
-4.317	133.597	-150.00	-4.000	134.073	-2.00	273+0.000	134.153	133.740	0.413	4.000	134.073	-2.00	4.137	133.867	-150.00
-4.362	133.834	-150.00	-4.000	134.378	-2.00	274+0.000	134.458	134.020	0.437	4.000	134.378	-2.00	4.130	134.182	-150.00
-4.345	134.054	-150.00	-4.000	134.571	-2.00	275+0.000	134.651	134.242	0.408	4.000	134.571	-2.00	4.100	134.420	-150.00
-4.345	133.864	-150.00	-4.000	134.382	-2.00	276+0.000	134.462	134.052	0.410	4.000	134.382	-2.00	4.105	134.224	-150.00
-4.329	133.494	-150.00	-4.000	133.989	-2.00	277+0.000	134.069	133.678	0.390	4.000	133.989	-2.00	4.084	133.862	-150.00
-4.299	133.051	-150.00	-4.000	133.499	-2.00	278+0.000	133.579	133.226	0.353	4.000	133.499	-2.00	4.072	133.391	-150.00
-4.304	132.554	-150.00	-4.000	133.010	-2.00	279+0.000	133.090	132.716	0.374	4.000	133.010	-2.00	4.094	132.869	-150.00
-4.318	132.043	-150.00	-4.000	132.520	-2.00	280+0.000	132.600	132.200	0.400	4.000	132.520	-2.00	4.121	132.338	-150.00
-4.292	131.596	-150.00	-4.000	132.034	-2.00	281+0.000	132.114	131.721	0.393	4.000	132.034	-2.00	4.148	131.812	-150.00
-4.282	131.249	-150.00	-4.000	131.672	-2.00	282+0.000	131.752	131.358	0.394	4.000	131.672	-2.00	4.139	131.464	-150.00
-4.274	130.908	-150.00	-4.000	131.319	-2.00	283+0.000	131.399	131.036	0.363	4.000	131.319	-2.00	4.106	131.160	-150.00
-4.258	130.578	-150.00	-4.000	130.965	-2.00	284+0.000	131.045	130.718	0.327	4.000	130.965	-2.00	4.075	130.852	-150.00
-4.260	130.266	-150.00	-4.000	130.656	-2.00	285+0.000	130.736	130.344	0.391	4.000	130.656	-2.00	4.133	130.456	-150.00
-4.272	130.099	-150.00	-4.000	130.507	-2.00	286+0.000	130.587	130.176	0.411	4.000	130.507	-2.00	4.170	130.252	-150.00
-4.249	130.151	-150.00	-4.000	130.525	-2.00	287+0.000	130.605	130.198	0.407	4.000	130.525	-2.00	4.187	130.244	-150.00
-4.224	130.374	-150.00	-4.000	130.710	-2.00	288+0.000	130.790	130.419	0.371	4.000	130.710	-2.00	4.151	130.483	-150.00
-4.152	130.755	-150.00	-4.000	130.984	-2.00	289+0.000	131.064	130.829	0.235	4.000	130.984	-2.00	4.055	130.901	-150.00
-4.234	131.127	-150.00	-4.000	131.477	-2.00	290+0.000	131.557	131.255	0.302	4.000	131.477	-2.00	4.065	131.379	-150.00
-4.361	131.724	-150.00	-4.000	132.265	-2.00	291+0.000	132.345	131.860	0.485	4.000	132.265	-2.00	4.137	132.060	-150.00
-4.433	132.700	-150.00	-4.000	133.349	-2.00	292+0.000	133.429	132.928	0.501	4.000	133.349	-2.00	4.138	133.142	-150.00
-4.353	134.199	-150.00	-4.000	134.728	-2.00	293+0.000	134.808	134.373	0.435	4.000	134.728	-2.00	4.127	134.539	-150.00
-4.321	135.922	-150.00	-4.000	136.403	-2.00	294+0.000	136.483	136.093	0.389	4.000	136.403	-2.00	4.109	136.240	-150.00
-4.234	137.928	-150.00	-4.000	138.280	-2.00	295+0.000	138.360	138.068	0.292	4.000	138.280	-2.00	4.052	138.202	-150.00
-4.228	139.943	-150.00	-4.000	140.286	-2.00	296+0.000	140.366	139.939	0.426	4.000	140.286	-2.00	4.234	139.935	-150.00
-4.293	141.323	-150.00	-4.000	141.762	-2.00	297+0.000	141.842	141.372	0.470	4.000	141.762	-2.00	4.215	141.439	-150.00
-4.281	142.127	-150.00	-4.000	142.549	-2.00	298+0.000	142.629	142.200	0.429	4.000	142.549	-2.00	4.185	142.271	-150.00
-4.241	142.472	-150.00	-4.000	142.834	-2.00	299+0.000	142.914	142.620	0.294	4.000	142.834	-2.00	4.050	142.759	-150.00
-4.225	142.455	-150.00	-4.000	142.793	-2.00	300+0.000	142.873	142.590	0.282	4.000	142.793	-2.00	4.038	142.735	-150.00
-4.418	141.947	-150.00	-4.000	142.574	-2.00	301+0.000	142.654	142.160	0.494	4.000	142.574	-2.00	4.143	142.359	-150.00
-4.349	141.416	-150.00	-4.000	141.939	-2.00	302+0.000	142.019	141.651	0.368	4.000	141.939	-2.00	4.048	141.868	-150.00
-4.328	140.407	-150.00	-4.000	140.899	-2.00	303+0.000	140.979	140.605	0.374	4.000	140.899	-2.00	4.072	140.791	-150.00
-4.339	139.401	-150.00	-4.000	139.910	-2.00	304+0.000	139.990	139.615	0.375	4.000	139.910	-2.00	4.063	139.816	-150.00
-4.343	138.798	-150.00	-4.000	139.313	-2.00	305+0.000	139.393	138.993	0.400	4.000	139.313	-2.00	4.091	139.176	-150.00
-4.318	138.238	-150.00	-4.000	138.716	-2.00	306+0.000	138.796	138.383	0.413	4.000	138.716	-2.00	4.130	138.521	-150.00
-4.333	137.685	-150.00	-4.000	138.184	-2.00	307+0.000	138.264	137.863	0.401	4.000	138.184	-2.00	4.086	138.055	-150.00
-4.370	137.982	-150.00	-4.000	138.536	-2.00	308+0.000	138.616	138.143	0.473	4.000	138.536	-2.00	4.161	138.296	-150.00
-4.448	138.403	-150.00	-4.000	139.075	-2.00	309+0.000	139.155	138.521	0.634	4.000	139.075	-2.00	4.294	138.635	-150.00
-4.329	139.120	-150.00	-4.000	139.614	-2.00	310+0.000	139.694	139.236	0.458	4.000	139.614	-2.00	4.175	139.351	-150.00
-4.265	139.756	-150.00	-4.000	140.153	-2.00	311+0.000	140.233	139.853	0.380	4.000	140.153	-2.00	4.137	139.947	-150.00
-4.255	140.084	-150.00	-4.000	140.466	-2.00	312+0.000	140.546	140.143	0.403	4.000	140.466	-2.00	4.176	140.201	-150.00
-4.220	139.925	-150.00	-4.000	140.255	-2.00	313+0.000	140.335	139.999	0.336	4.000	140.255	-2.00	4.172	139.997	-150.00
-4.009	139.505	-150.00	-4.000	139.519	-2.00	314+0.000	139.599	139.444	0.155	4.000	139.519	-2.00	4.092	139.381	-150.00
-4.192	138.066	-150.00	-4.000	138.353	-2.00	315+0.000	138.433	138.113	0.320	4.000	138.353	-2.00	4.129	138.160	-150.00
-4.208	136.836	-150.00	-4.000	137.147	-2.00	316+0.000	137.227	136.907	0.320	4.000	137.147	-2.00	4.112	136.979	-150.00

Osvaldo Leôncio da Si... 10
Diretor da Unidade de P... s
Projetos e Obras - D...
Secretaria ...

-4.277	135.543	-150.00	-4.000	135.959	-2.00	317+0.000	136.039	135.591	0.448	4.000	135.959	-2.00	4.214	135.638	-150.00
-4.282	134.371	-150.00	-4.000	134.794	-2.00	318+0.000	134.874	134.377	0.498	4.000	134.794	-2.00	4.275	134.382	-150.00
-4.273	133.296	-150.00	-4.000	133.704	-2.00	319+0.000	133.784	133.370	0.415	4.000	133.704	-2.00	4.219	133.375	-150.00
-4.205	132.678	-150.00	-4.000	132.985	-2.00	320+0.000	133.065	132.757	0.308	4.000	132.985	-2.00	4.100	132.835	-150.00
-4.186	132.397	-150.00	-4.000	132.676	-2.00	321+0.000	132.756	132.475	0.281	4.000	132.676	-2.00	4.082	132.552	-150.00
-4.272	132.328	-150.00	-4.000	132.737	-2.00	322+0.000	132.817	132.413	0.404	4.000	132.737	-2.00	4.160	132.496	-150.00
-4.328	132.461	-150.00	-4.000	132.954	-2.00	323+0.000	133.034	132.633	0.401	4.000	132.954	-2.00	4.105	132.796	-150.00
-4.367	132.812	-150.00	-4.000	133.362	-2.00	324+0.000	133.442	133.025	0.417	4.000	133.362	-2.00	4.091	133.225	-150.00
-4.404	132.914	-150.00	-4.000	133.520	-2.00	325+0.000	133.600	133.190	0.411	4.000	133.520	-2.00	4.051	133.444	-150.00
-4.385	132.777	-150.00	-4.000	133.354	-2.00	326+0.000	133.434	133.028	0.406	4.000	133.354	-2.00	4.077	133.239	-150.00
-4.339	132.477	-150.00	-4.000	132.986	-2.00	327+0.000	133.066	132.676	0.390	4.000	132.986	-2.00	4.082	132.863	-150.00
-4.374	132.003	-150.00	-4.000	132.564	-2.00	328+0.000	132.644	132.155	0.489	4.000	132.564	-2.00	4.155	132.331	-150.00
-4.276	131.726	-150.00	-4.000	132.141	-2.00	329+0.000	132.221	131.843	0.378	4.000	132.141	-2.00	4.124	131.955	-150.00
-4.224	131.383	-150.00	-4.000	131.719	-2.00	330+0.000	131.799	131.404	0.396	4.000	131.719	-2.00	4.158	131.482	-150.00
-4.162	131.057	-150.00	-4.000	131.300	-2.00	331+0.000	131.380	131.075	0.305	4.000	131.300	-2.00	4.139	131.092	-150.00
-4.194	130.590	-150.00	-4.000	130.881	-2.00	332+0.000	130.961	130.636	0.326	4.000	130.881	-2.00	4.134	130.681	-150.00
-4.232	130.024	-150.00	-4.000	130.372	-2.00	333+0.000	130.452	130.050	0.403	4.000	130.372	-2.00	4.202	130.070	-150.00
-4.219	128.954	-150.00	-4.000	129.282	-2.00	334+0.000	129.362	128.960	0.402	4.000	129.282	-2.00	4.211	128.965	-150.00
-4.230	127.784	-150.00	-4.000	128.129	-2.00	335+0.000	128.209	127.834	0.375	4.000	128.129	-2.00	4.171	127.873	-150.00
-4.280	126.633	-150.00	-4.000	127.054	-2.00	336+0.000	127.134	126.738	0.396	4.000	127.054	-2.00	4.144	126.838	-150.00
-4.335	125.696	-150.00	-4.000	126.198	-2.00	337+0.000	126.278	125.839	0.439	4.000	126.198	-2.00	4.146	125.979	-150.00
-4.368	124.902	-150.00	-4.000	125.453	-2.00	338+0.000	125.533	125.070	0.463	4.000	125.453	-2.00	4.148	125.231	-150.00
-4.319	124.219	-150.00	-4.000	124.698	-2.00	339+0.000	124.778	124.378	0.400	4.000	124.698	-2.00	4.112	124.529	-150.00
-4.337	123.499	-150.00	-4.000	124.005	-2.00	340+0.000	124.085	123.678	0.407	4.000	124.005	-2.00	4.076	123.891	-150.00
-4.367	123.120	-150.00	-4.000	123.670	-2.00	341+0.000	123.750	123.348	0.402	4.000	123.670	-2.00	4.073	123.560	-150.00
-4.394	122.694	-150.00	-4.000	123.284	-2.00	342+0.000	123.364	122.959	0.405	4.000	123.284	-2.00	4.061	123.192	-150.00
-4.387	122.118	-150.00	-4.000	122.699	-2.00	343+0.000	122.779	122.367	0.411	4.000	122.699	-2.00	4.067	122.598	-150.00
-4.316	121.296	-150.00	-4.000	121.770	-2.00	344+0.000	121.850	121.488	0.362	4.000	121.770	-2.00	4.055	121.687	-150.00
-4.311	120.373	-150.00	-4.000	120.840	-2.00	345+0.000	120.920	120.627	0.293	4.000	120.840	-2.00	4.038	120.865	66.67
-4.347	119.390	-150.00	-4.000	119.909	-2.00	346+0.000	119.989	119.599	0.391	4.000	119.909	-2.00	4.047	119.839	-150.00
-4.453	118.702	-150.00	-4.000	119.382	-2.00	347+0.000	119.462	118.979	0.483	4.000	119.382	-2.00	4.099	119.233	-150.00
-4.428	118.396	-150.00	-4.000	119.038	-2.00	348+0.000	119.118	118.669	0.449	4.000	119.038	-2.00	4.078	118.920	-150.00
-4.394	118.102	-150.00	-4.000	118.694	-2.00	349+0.000	118.774	118.372	0.401	4.000	118.694	-2.00	4.085	118.567	-150.00
-4.376	117.589	-150.00	-4.000	118.153	-2.00	350+0.000	118.233	117.838	0.395	4.000	118.153	-2.00	4.070	118.048	-150.00
-4.313	117.236	-150.00	-4.000	117.706	-2.00	351+0.000	117.786	117.416	0.370	4.000	117.706	-2.00	4.063	117.610	-150.00
-4.346	116.803	-150.00	-4.000	117.322	-2.00	352+0.000	117.402	117.010	0.392	4.000	117.322	-2.00	4.076	117.208	-150.00
-4.337	116.680	-150.00	-4.000	117.185	-2.00	353+0.000	117.265	116.867	0.398	4.000	117.185	-2.00	4.093	117.045	-150.00
-4.287	116.617	-150.00	-4.000	117.048	-2.00	354+0.000	117.128	116.774	0.353	4.000	117.048	-2.00	4.082	116.924	-150.00
-4.274	116.497	-150.00	-4.000	116.907	-2.00	355+0.000	116.987	116.601	0.387	4.000	116.907	-2.00	4.137	116.701	-150.00
-4.248	116.395	-150.00	-4.000	116.767	-2.00	356+0.000	116.847	116.435	0.412	4.000	116.767	-2.00	4.176	116.503	-150.00
-4.226	116.157	-150.00	-4.000	116.495	-2.00	357+0.000	116.575	116.163	0.413	4.000	116.495	-2.00	4.220	116.166	-150.00
-4.219	115.682	-150.00	-4.000	116.009	-2.00	358+0.000	116.089	115.695	0.395	4.000	116.009	-2.00	4.207	115.699	-150.00
-4.185	115.492	-150.00	-4.000	115.769	-2.00	359+0.000	115.849	115.456	0.393	4.000	115.769	-2.00	4.233	115.419	-150.00
-4.235	115.529	-150.00	-4.000	115.882	-2.00	360+0.000	115.962	115.561	0.401	4.000	115.882	-2.00	4.230	115.537	-150.00
-4.225	115.812	-150.00	-4.000	116.149	-2.00	361+0.000	116.229	115.850	0.380	4.000	116.149	-2.00	4.189	115.867	-150.00
-4.236	116.432	-150.00	-4.000	116.785	-2.00	362+0.000	116.865	116.470	0.395	4.000	116.785	-2.00	4.185	116.508	-150.00
-4.171	117.324	-150.00	-4.000	117.580	-2.00	363+0.000	117.660	117.254	0.407	4.000	117.580	-2.00	4.266	117.181	-150.00
-4.157	118.221	-150.00	-4.000	118.457	-2.00	364+0.000	118.537	118.150	0.387	4.000	118.457	-2.00	4.267	118.056	-150.00
-4.151	119.106	-150.00	-4.000	119.333	-2.00	365+0.000	119.413	119.028	0.385	4.000	119.333	-2.00	4.291	118.897	-150.00
-4.125	119.822	-150.00	-4.000	120.010	-2.00	366+0.000	120.090	119.786	0.304	4.000	120.010	-2.00	4.174	119.749	-150.00
-4.204	120.219	-150.00	-4.000	120.525	-2.00	367+0.000	120.605	120.179	0.426	4.000	120.525	-2.00	4.269	120.121	-150.00
-4.118	120.414	-150.00	-4.000	120.591	-2.00	368+0.000	120.671	120.333	0.338	4.000	120.591	-2.00	4.227	120.250	-150.00
-4.168	120.314	-150.00	-4.000	120.566	-2.00	369+0.000	120.646	120.240	0.405	4.000	120.566	-2.00	4.275	120.153	-150.00
-4.161	120.053	-150.00	-4.000	120.295	-2.00	370+0.000	120.375	119.980	0.395	4.000	120.295	-2.00	4.267	119.894	-150.00
-4.171	119.720	-150.00	-4.000	119.977	-2.00	371+0.000	120.057	119.633	0.424	4.000	119.977	-2.00	4.289	119.544	-150.00
-4.144	119.212	-150.00	-4.000	119.428	-2.00	372+0.000	119.508	119.111	0.397	4.000	119.428	-2.00	4.281	119.006	-150.00
-4.191	118.373	-150.00	-4.000	118.659	-2.00	373+0.000	118.739	118.326	0.413	4.000	118.659	-2.00	4.253	118.278	-150.00
-4.153	117.579	-150.00	-4.000	117.809	-2.00	374+0.000	117.889	117.488	0.401	4.000	117.809	-2.00	4.276	117.395	-150.00
-4.123	116.640	-150.00	-4.000	116.824	-2.00	375+0.000	116.904	116.527	0.377	4.000	116.824	-2.00	4.276	116.410	-150.00
-4.186	115.892	-150.00	-4.000	116.171	-2.00	376+0.000	116.251	115.827	0.423	4.000	116.171	-2.00	4.273	115.762	-150.00
-4.147	115.620	-150.00	-4.000	115.841	-2.00	377+0.000	115.921	115.520	0.401	4.000	115.841	-2.00	4.283	115.416	-150.00
-4.185	115.559	-150.00	-4.000	115.837	-2.00	378+0.000	115.917	115.448	0.468	4.000	115.837	-2.00	4.322	115.354	-150.00
-4.140	115.737	-150.00	-4.000	115.947	-2.00	379+0.000	116.027	115.628	0.400	4.000	115.947	-2.00	4.272	115.539	-150.00
-4.157	115.967	-150.00	-4.000	116.203	-2.00	380+0.000	116.283	115.908	0.375	4.000	116.203	-2.00	4.237	115.847	-150.00
-4.142	116.282	-150.00	-4.000	116.495	-2.00	381+0.000	116.575	116.204	0.371	4.000	116.495	-2.00	4.247	116.125	-150.00
-4.136	116.547	-150.00	-4.000	116.751	-2.00	382+0.000	116.831	116.430	0.401	4.000	116.751	-2.00	4.295	116.308	-150.00
-4.126	116.597	-150.00	-4.000	116.785	-2.00	383+0.000	116.865	116.457	0.408	4.000	116.785	-2.00	4.281	116.364	-150.00
-4.165	116.910	-150.00	-4.000	117.157	-2.00	384+0.000	117.237	116.807	0.430	4.000	117.157	-2.00	4.305	116.700	-150.00
-4.157	117.359	-150.00	-4.000	117.595	-2.00	385+0.000	117.675	117.241	0.434	4.000	117.595	-2.00	4.318	117.118	-150.00
-4.150	117.903	-150.00	-4.000	118.127	-2.00	386+0.000	118.207	117.811	0.396	4.000	118.127	-2.00	4.274	117.716	-150.00
-4.162	118.536	-150.00	-4.000	118.779	-2.00	387+0.000	118.859	118.461	0.398	4.000	118.779	-2.00	4.263	118.385	-150.00
-4.183	119.307	-150.00	-4.000	119.581	-2.00	388+0.000	119.661	119.234	0.427	4.000	119.581	-2.00	4.278	119.164	-150.00
-4.130	120.320	-150.00	-4.000	120.515	-2.00	389+0.000	120.595	120.262	0.332	4.000	120.515	-2.00	4.216	120.190	-150.00
-4.113	121.278	-150.00	-4.000	121.448	-2.00	390+0.000	121.528	121.137	0.392	4.000	121.448	-2.00	4.307	120.988	-150.00
-4.118	122.170	-150.00	-4.000	122.348	-2.00	391+0.000	122.428	122.054	0.374	4.000	122.348	-2.00	4.277	121.932	-150.00
-4.056	122.682	-150.00	-4.000	122.767	-2.00	392+0.000	122.847	122.567	0.279	4.000	122.767	-2.00	4.234	122.416	-150.00
-4.106	123.026	-150.00	-4.000	123.186	-2.00	393+0.000	123.266	122.784	0.481	4.000	123.186	-2.00	4.388	122.604	-150.00
-4.053	123.532	-150.00	-4.000	123.612	-2.00	394+0.000	123.692	123.288	0.404	4.000	123.612	-2.00	4.392	123.023	-150.00
-4.139	123.868	-150.00	-4.000	124.076	-2.00	395+0.000	124.156	123.627	0.529	4.000	124.076	-2.00	4.473	123.366	-150.00
-4.170	124.284	-150.00	-4.000	124.540	-2.00	396+0.000	124.620	124.039	0.581	4.000	124.540	-2.00	4.511	123.774	-150.00
-4.131	124.808	-150.00	-4.000	125.004	-2.00	397+0.000	125.084	124.575	0.509	4.000	125.004	-2.00	4.453	124.324	-150.00

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

-4.116	125.303	-150.00	-4.000	125.477	-2.00	398+0.000	125.557	125.092	0.465	4.000	125.477	-2.00	4.386	124.899	-150.00
-4.102	126.047	-150.00	-4.000	126.200	-2.00	399+0.000	126.280	125.875	0.405	4.000	126.200	-2.00	4.338	125.693	-150.00
-4.149	126.955	-150.00	-4.000	127.178	-2.00	400+0.000	127.258	126.818	0.440	4.000	127.178	-2.00	4.335	126.676	-150.00
-4.345	127.650	-150.00	-4.000	128.167	-2.00	401+0.000	128.247	127.522	0.726	4.000	128.167	-2.00	4.435	127.515	-150.00
-4.345	128.638	-150.00	-4.000	129.156	-2.00	402+0.000	129.236	128.631	0.606	4.000	129.156	-2.00	4.355	128.623	-150.00
-4.373	129.585	-150.00	-4.000	130.145	-2.00	403+0.000	130.225	129.661	0.564	4.000	130.145	-2.00	4.273	129.735	-150.00
-4.399	130.536	-150.00	-4.000	131.134	-2.00	404+0.000	131.214	130.647	0.567	4.000	131.134	-2.00	4.223	130.800	-150.00
-4.352	131.585	-150.00	-4.000	132.113	-2.00	405+0.000	132.193	131.761	0.432	4.000	132.113	-2.00	4.123	131.928	-150.00
-4.354	132.371	-150.00	-4.000	132.903	-2.00	406+0.000	132.983	132.596	0.387	4.000	132.903	-2.00	4.065	132.805	-150.00
-4.297	133.135	-150.00	-4.000	133.580	-2.00	407+0.000	133.660	133.356	0.304	4.000	133.580	-2.00	4.011	133.563	-150.00
-4.164	133.864	-150.00	-4.000	134.110	-2.00	408+0.000	134.190	134.054	0.136	4.000	134.110	-2.00	4.203	134.245	66.67
-4.235	134.140	-150.00	-4.000	134.492	-2.00	409+0.000	134.572	134.336	0.236	4.000	134.492	-2.00	4.045	134.522	66.67
-4.263	134.332	-150.00	-4.000	134.727	-2.00	410+0.000	134.807	134.530	0.277	4.000	134.727	-2.00	4.025	134.690	-150.00
-4.331	134.318	-150.00	-4.000	134.813	-2.00	411+0.000	134.893	134.492	0.402	4.000	134.813	-2.00	4.105	134.656	-150.00
-4.428	134.111	-150.00	-4.000	134.752	-2.00	412+0.000	134.832	134.258	0.574	4.000	134.752	-2.00	4.217	134.427	-150.00
-4.409	133.931	-150.00	-4.000	134.544	-2.00	413+0.000	134.624	134.070	0.554	4.000	134.544	-2.00	4.226	134.204	-150.00
-4.371	133.706	-150.00	-4.000	134.262	-2.00	414+0.000	134.342	133.815	0.527	4.000	134.262	-2.00	4.227	133.921	-150.00
-4.326	133.491	-150.00	-4.000	133.980	-2.00	415+0.000	134.060	133.601	0.459	4.000	133.980	-2.00	4.182	133.706	-150.00
-4.280	133.277	-150.00	-4.000	133.698	-2.00	416+0.000	133.778	133.373	0.405	4.000	133.698	-2.00	4.154	133.466	-150.00
-4.274	133.002	-150.00	-4.000	133.414	-2.00	417+0.000	133.494	133.087	0.406	4.000	133.414	-2.00	4.159	133.175	-150.00
-4.221	132.524	-150.00	-4.000	132.855	-2.00	418+0.000	132.935	132.625	0.310	4.000	132.855	-2.00	4.087	132.725	-150.00
-4.159	131.984	-150.00	-4.000	132.222	-2.00	419+0.000	132.302	132.085	0.217	4.000	132.222	-2.00	4.021	132.190	-150.00
-4.175	131.326	-150.00	-4.000	131.589	-2.00	420+0.000	131.669	131.418	0.251	4.000	131.589	-2.00	4.041	131.528	-150.00
-4.218	130.629	-150.00	-4.000	130.956	-2.00	421+0.000	131.036	130.712	0.324	4.000	130.956	-2.00	4.089	130.823	-150.00
-4.249	129.948	-150.00	-4.000	130.322	-2.00	422+0.000	130.402	130.004	0.398	4.000	130.322	-2.00	4.147	130.101	-150.00
-4.253	129.296	-150.00	-4.000	129.676	-2.00	423+0.000	129.756	129.360	0.396	4.000	129.676	-2.00	4.146	129.457	-150.00
-4.273	128.735	-150.00	-4.000	129.144	-2.00	424+0.000	129.224	128.833	0.390	4.000	129.144	-2.00	4.121	128.963	-150.00
-4.274	128.256	-150.00	-4.000	128.666	-2.00	425+0.000	128.746	128.354	0.393	4.000	128.666	-2.00	4.126	128.478	-150.00
-4.272	127.915	-150.00	-4.000	128.323	-2.00	426+0.000	128.403	128.013	0.390	4.000	128.323	-2.00	4.124	128.137	-150.00
-4.275	127.715	-150.00	-4.000	128.127	-2.00	427+0.000	128.207	127.809	0.397	4.000	128.127	-2.00	4.135	127.923	-150.00
-4.265	127.633	-150.00	-4.000	128.031	-2.00	428+0.000	128.111	127.721	0.390	4.000	128.031	-2.00	4.132	127.833	-150.00
-4.262	127.781	-150.00	-4.000	128.173	-2.00	429+0.000	128.253	127.877	0.377	4.000	128.173	-2.00	4.123	127.988	-150.00
-4.256	128.043	-150.00	-4.000	128.427	-2.00	430+0.000	128.507	128.113	0.394	4.000	128.427	-2.00	4.163	128.183	-150.00
-4.246	128.395	-150.00	-4.000	128.764	-2.00	431+0.000	128.844	128.445	0.399	4.000	128.764	-2.00	4.181	128.493	-150.00
-4.236	128.885	-150.00	-4.000	129.239	-2.00	432+0.000	129.319	128.935	0.384	4.000	129.239	-2.00	4.170	128.983	-150.00
-4.234	129.413	-150.00	-4.000	129.764	-2.00	433+0.000	129.844	129.446	0.398	4.000	129.764	-2.00	4.190	129.479	-150.00
-4.234	129.984	-150.00	-4.000	130.335	-2.00	434+0.000	130.415	130.026	0.389	4.000	130.335	-2.00	4.178	130.068	-150.00
-4.223	130.572	-150.00	-4.000	130.906	-2.00	435+0.000	130.986	130.614	0.372	4.000	130.906	-2.00	4.167	130.655	-150.00
-4.231	131.131	-150.00	-4.000	131.477	-2.00	436+0.000	131.557	131.205	0.352	4.000	131.477	-2.00	4.133	131.277	-150.00
-4.305	131.578	-150.00	-4.000	132.036	-2.00	437+0.000	132.116	131.700	0.415	4.000	132.036	-2.00	4.140	131.825	-150.00
-4.229	131.804	-150.00	-4.000	132.148	-2.00	438+0.000	132.228	131.931	0.297	4.000	132.148	-2.00	4.070	132.043	-150.00
-4.163	131.898	-150.00	-4.000	132.143	-2.00	439+0.000	132.223	132.022	0.201	4.000	132.143	-2.00	4.017	132.118	-150.00
-4.242	131.776	-150.00	-4.000	132.138	-2.00	440+0.000	132.218	131.886	0.333	4.000	132.138	-2.00	4.098	131.992	-150.00
-4.297	131.674	-150.00	-4.000	132.120	-2.00	441+0.000	132.200	131.804	0.396	4.000	132.120	-2.00	4.127	131.929	-150.00
-4.302	131.649	-150.00	-4.000	132.103	-2.00	442+0.000	132.183	131.774	0.409	4.000	132.103	-2.00	4.138	131.895	-150.00
-4.275	131.708	-150.00	-4.000	132.121	-2.00	443+0.000	132.201	131.788	0.413	4.000	132.121	-2.00	4.195	131.828	-150.00
-4.184	131.692	-150.00	-4.000	131.968	-2.00	444+0.000	132.048	131.731	0.317	4.000	131.968	-2.00	4.145	131.751	-150.00
-4.184	131.362	-150.00	-4.000	131.639	-2.00	445+0.000	131.719	131.388	0.331	4.000	131.639	-2.00	4.154	131.408	-150.00
-4.055	131.044	-150.00	-4.000	131.128	-2.00	446+0.000	131.208	130.965	0.242	4.000	131.128	-2.00	4.162	130.884	-150.00
-4.129	130.028	-150.00	-4.000	130.222	-2.00	447+0.000	130.302	129.948	0.354	4.000	130.222	-2.00	4.241	129.860	-150.00
-4.056	128.838	-150.00	-4.000	128.922	-2.00	448+0.000	129.002	128.666	0.336	4.000	128.922	-2.00	4.291	128.485	-150.00
-4.166	127.079	-150.00	-4.000	127.327	-2.00	449+0.000	127.407	126.892	0.515	4.000	127.327	-2.00	4.422	126.694	-150.00
-4.226	125.378	-150.00	-4.000	125.717	-2.00	450+0.000	125.797	125.120	0.677	4.000	125.717	-2.00	4.585	124.840	-150.00
-4.223	123.772	-150.00	-4.000	124.107	-2.00	451+0.000	124.187	123.466	0.721	4.000	124.107	-2.00	4.652	123.129	-150.00
-4.128	122.304	-150.00	-4.000	122.496	-2.00	452+0.000	122.576	122.029	0.548	4.000	122.496	-2.00	4.556	121.663	-150.00
-4.021	120.928	-150.00	-4.000	120.960	-2.00	453+0.000	121.040	120.589	0.450	4.000	120.960	-2.00	4.499	120.211	-150.00
-4.113	120.072	66.67	-4.000	119.997	-2.00	454+0.000	120.077	119.686	0.392	4.000	119.997	-2.00	4.489	119.264	-150.00
-4.126	119.332	-150.00	-4.000	119.521	-2.00	455+0.000	119.601	118.987	0.614	4.000	119.521	-2.00	4.597	118.625	-150.00
-4.018	119.041	-150.00	-4.000	119.068	-2.00	456+0.000	119.148	118.724	0.423	4.000	119.068	-2.00	4.463	118.373	-150.00
-4.062	118.730	-150.00	-4.000	118.822	-2.00	457+0.000	118.902	118.507	0.395	4.000	118.822	-2.00	4.370	118.268	-150.00
-4.102	118.739	-150.00	-4.000	118.892	-2.00	458+0.000	118.972	118.524	0.448	4.000	118.892	-2.00	4.400	118.292	-150.00
-4.153	118.733	-150.00	-4.000	118.962	-2.00	459+0.000	119.042	118.638	0.404	4.000	118.962	-2.00	4.301	118.510	-150.00
-4.176	118.768	-150.00	-4.000	119.032	-2.00	460+0.000	119.112	118.724	0.388	4.000	119.032	-2.00	4.234	118.680	-150.00
-4.203	118.798	-150.00	-4.000	119.102	-2.00	461+0.000	119.182	118.753	0.429	4.000	119.102	-2.00	4.263	118.707	-150.00
-4.251	118.739	-150.00	-4.000	119.116	-2.00	462+0.000	119.196	118.778	0.418	4.000	119.116	-2.00	4.238	118.759	-150.00
-4.197	118.320	-150.00	-4.000	118.615	-2.00	463+0.000	118.695	118.290	0.405	4.000	118.615	-2.00	4.243	118.250	-150.00
-4.212	117.677	-150.00	-4.000	117.995	-2.00	464+0.000	118.075	117.692	0.384	4.000	117.995	-2.00	4.193	117.706	-150.00
-4.222	117.021	-150.00	-4.000	117.354	-2.00	465+0.000	117.434	117.024	0.410	4.000	117.354	-2.00	4.220	117.023	-150.00
-4.246	116.343	-150.00	-4.000	116.712	-2.00	466+0.000	116.792	116.357	0.436	4.000	116.712	-2.00	4.228	116.370	-150.00
-4.253	115.703	-150.00	-4.000	116.082	-2.00	467+0.000	116.162	115.709	0.454	4.000	116.082	-2.00	4.245	115.715	-150.00
-4.145	115.473	-150.00	-4.000	115.691	-2.00	468+0.000	115.771	115.481	0.290	4.000	115.691	-2.00	4.135	115.489	-150.00
-4.114	115.454	-150.00	-4.000	115.625	-2.00	469+0.000	115.705	115.460	0.244	4.000	115.625	-2.00	4.105	115.466	-150.00
-4.127	115.692	-150.00	-4.000	115.883	-2.00	470+0.000	115.963	115.701	0.262	4.000	115.883	-2.00	4.116	115.710	-150.00
-4.193	116.177	-150.00	-4.000	116.467	-2.00	471+0.000	116.547	116.168	0.380	4.000	116.467	-2.00	4.206	116.158	-150.00
-4.299	116.840	-150.00	-4.000	117.289	-2.00	472+0.000	117.369	116.830	0.539	4.000	117.289	-2.00	4.313	116.820	-150.00
-4.270	117.718	-150.00	-4.000	118.123	-2.00	473+0.000	118.203	117.689	0.514	4.000	118.123	-2.00	4.309	117.660	-150.00
-4.187	118.692	-150.00	-4.000	118.973	-2.00	474+0.000	119.053	118.623	0.430	4.000	118.973	-2.00	4.280	118.553	-150.00
-4.154	119.805	-150.00	-4.000	120.036	-2.00	475+0.000	120.116	119.732	0.385	4.000	120.036	-2.00	4.253	119.656	-150.00
-4.127	120.968	-150.00	-4.000	121.158	-2.00	476+0.000	121.238	120.860	0.378	4.000	121.158	-2.00	4.273	120.748	-150.00
-4.142	122.066	-150.00	-4.000	122.279	-2.00	477+0.000	122.359	121.958	0.401	4.000	122.279	-2.00	4.289	121.846	-150.00
-4.138	123.090	-150.00	-4.000	123.296	-2.00	478+0.000	123.376	122.938	0.438	4.000	123.296	-2.00	4.345	122.779	-150.00

Osvaldo Leôncio da Silva
Diretor da Unidade de Projetos
Projetos e Obras - Diretoria
Secretaria das Cidades

-4.119	124.029	-150.00	-4.000	124.207	-2.00	479+0.000	124.287	123.878	0.410	4.000	124.207	-2.00	4.325	123.719	-150.00
-4.145	124.751	-150.00	-4.000	124.968	-2.00	480+0.000	125.048	124.598	0.450	4.000	124.968	-2.00	4.354	124.437	-150.00
-4.132	125.337	-150.00	-4.000	125.535	-2.00	481+0.000	125.615	125.199	0.416	4.000	125.535	-2.00	4.320	125.055	-150.00
-4.143	125.494	-150.00	-4.000	125.709	-2.00	482+0.000	125.789	125.383	0.406	4.000	125.709	-2.00	4.294	125.268	-150.00
-4.168	125.396	-150.00	-4.000	125.648	-2.00	483+0.000	125.728	125.323	0.404	4.000	125.648	-2.00	4.266	125.249	-150.00
-4.173	125.035	-150.00	-4.000	125.294	-2.00	484+0.000	125.374	124.973	0.400	4.000	125.294	-2.00	4.255	124.911	-150.00
-4.196	124.433	-150.00	-4.000	124.727	-2.00	485+0.000	124.807	124.382	0.425	4.000	124.727	-2.00	4.245	124.359	-150.00
-4.186	123.881	-150.00	-4.000	124.160	-2.00	486+0.000	124.240	123.862	0.377	4.000	124.160	-2.00	4.210	123.844	-150.00
-4.230	123.458	-150.00	-4.000	123.803	-2.00	487+0.000	123.883	123.521	0.362	4.000	123.803	-2.00	4.148	123.580	-150.00
-4.269	123.249	-150.00	-4.000	123.653	-2.00	488+0.000	123.733	123.361	0.372	4.000	123.653	-2.00	4.126	123.465	-150.00
-4.246	123.320	-150.00	-4.000	123.689	-2.00	489+0.000	123.769	123.408	0.360	4.000	123.689	-2.00	4.130	123.494	-150.00
-4.272	123.436	-150.00	-4.000	123.843	-2.00	490+0.000	123.923	123.529	0.394	4.000	123.843	-2.00	4.149	123.620	-150.00
-4.261	123.829	-150.00	-4.000	124.221	-2.00	491+0.000	124.301	123.894	0.407	4.000	124.221	-2.00	4.178	123.954	-150.00
-4.245	123.871	-150.00	-4.000	124.238	-2.00	492+0.000	124.318	123.935	0.383	4.000	124.238	-2.00	4.160	123.998	-150.00
-4.297	123.780	-150.00	-4.000	124.225	-2.00	493+0.000	124.305	123.896	0.409	4.000	124.225	-2.00	4.162	123.983	-150.00
-4.295	123.496	-150.00	-4.000	123.939	-2.00	494+0.000	124.019	123.612	0.407	4.000	123.939	-2.00	4.144	123.723	-150.00
-4.284	123.225	-150.00	-4.000	123.651	-2.00	495+0.000	123.731	123.343	0.388	4.000	123.651	-2.00	4.131	123.454	-150.00
-4.340	123.029	-150.00	-4.000	123.538	-2.00	496+0.000	123.618	123.204	0.414	4.000	123.538	-2.00	4.112	123.370	-150.00
-4.353	123.008	-150.00	-4.000	123.537	-2.00	497+0.000	123.617	123.156	0.461	4.000	123.537	-2.00	4.143	123.322	-150.00
-4.394	123.083	-150.00	-4.000	123.674	-2.00	498+0.000	123.754	123.296	0.459	4.000	123.674	-2.00	4.120	123.494	-150.00
-4.376	123.548	-150.00	-4.000	124.112	-2.00	499+0.000	124.192	123.727	0.466	4.000	124.112	-2.00	4.122	123.930	-150.00
-4.391	124.221	-150.00	-4.000	124.806	-2.00	500+0.000	124.886	124.394	0.493	4.000	124.806	-2.00	4.140	124.597	-150.00
-4.400	124.931	-150.00	-4.000	125.531	-2.00	501+0.000	125.611	125.118	0.493	4.000	125.531	-2.00	4.126	125.342	-150.00
-4.318	125.777	-150.00	-4.000	126.255	-2.00	502+0.000	126.335	125.950	0.385	4.000	126.255	-2.00	4.095	126.113	-150.00
-4.346	126.409	-150.00	-4.000	126.928	-2.00	503+0.000	127.008	126.542	0.466	4.000	126.928	-2.00	4.141	126.716	-150.00
-4.404	126.843	-150.00	-4.000	127.448	-2.00	504+0.000	127.528	126.976	0.552	4.000	127.448	-2.00	4.229	127.104	-150.00
-4.260	127.672	-150.00	-4.000	128.062	-2.00	505+0.000	128.142	127.738	0.404	4.000	128.062	-2.00	4.097	127.917	-150.00
-4.324	129.201	-150.00	-4.000	129.687	-2.00	506+0.000	129.767	129.304	0.463	4.000	129.687	-2.00	4.189	129.403	-150.00
-4.284	130.952	-150.00	-4.000	131.378	-2.00	507+0.000	131.458	131.057	0.400	4.000	131.378	-2.00	4.145	131.160	-150.00
-4.298	132.778	-150.00	-4.000	133.226	-2.00	508+0.000	133.306	132.886	0.420	4.000	133.226	-2.00	4.157	132.990	-150.00
-4.338	134.592	-150.00	-4.000	135.099	-2.00	509+0.000	135.179	134.776	0.402	4.000	135.099	-2.00	4.145	134.881	-150.00
-4.311	136.001	-150.00	-4.000	136.467	-2.00	510+0.000	136.547	136.274	0.273	4.000	136.467	-2.00	4.026	136.429	-150.00
-4.232	137.052	-150.00	-4.000	137.400	-2.00	511+0.000	137.480	137.260	0.220	4.000	137.400	-2.00	4.093	137.462	66.67
-4.433	137.165	-150.00	-4.000	137.815	-2.00	512+0.000	137.895	137.488	0.407	4.000	137.815	-2.00	4.023	137.781	-150.00
-4.289	137.350	-150.00	-4.000	137.784	-2.00	513+0.000	137.864	137.681	0.182	4.000	137.784	-2.00	4.371	138.031	66.67
-4.303	137.238	-150.00	-4.000	137.692	-2.00	514+0.000	137.772	137.617	0.155	4.000	137.692	-2.00	4.479	138.011	66.67
-4.562	136.757	-150.00	-4.000	137.600	-2.00	515+0.000	137.680	137.230	0.451	4.000	137.600	-2.00	4.077	137.651	66.67
-4.408	136.897	-150.00	-4.000	137.509	-2.00	516+0.000	137.589	137.352	0.237	4.000	137.509	-2.00	4.382	137.763	66.67
-4.473	136.708	-150.00	-4.000	137.417	-2.00	517+0.000	137.497	136.982	0.515	4.000	137.417	-2.00	4.122	137.234	-150.00
-4.397	136.730	-150.00	-4.000	137.325	-2.00	518+0.000	137.405	136.847	0.558	4.000	137.325	-2.00	4.243	136.961	-150.00
-4.210	136.919	-150.00	-4.000	137.234	-2.00	519+0.000	137.314	137.026	0.287	4.000	137.234	-2.00	4.070	137.128	-150.00
-4.163	136.898	-150.00	-4.000	137.143	-2.00	520+0.000	137.223	137.006	0.216	4.000	137.143	-2.00	4.021	137.111	-150.00
-4.237	136.753	-150.00	-4.000	137.108	-2.00	521+0.000	137.188	136.854	0.334	4.000	137.108	-2.00	4.104	136.952	-150.00
-4.278	136.572	-150.00	-4.000	136.990	-2.00	522+0.000	137.070	136.671	0.399	4.000	136.990	-2.00	4.149	136.767	-150.00
-4.283	136.352	-150.00	-4.000	136.776	-2.00	523+0.000	136.856	136.460	0.396	4.000	136.776	-2.00	4.118	136.599	-150.00
-4.318	136.401	-150.00	-4.000	136.878	-2.00	524+0.000	136.958	136.581	0.377	4.000	136.878	-2.00	4.100	136.727	-150.00
-4.335	136.495	-150.00	-4.000	136.997	-2.00	525+0.000	137.077	136.691	0.385	4.000	136.997	-2.00	4.074	136.885	-150.00
-4.327	136.625	-150.00	-4.000	137.116	-2.00	526+0.000	137.196	136.838	0.358	4.000	137.116	-2.00	4.053	137.037	-150.00
-4.315	136.762	-150.00	-4.000	137.235	-2.00	527+0.000	137.315	136.998	0.317	4.000	137.235	-2.00	4.008	137.223	-150.00
-4.261	136.963	-150.00	-4.000	137.354	-2.00	528+0.000	137.434	137.195	0.239	4.000	137.354	-2.00	4.095	137.418	66.67
-4.301	137.022	-150.00	-4.000	137.473	-2.00	529+0.000	137.553	137.282	0.271	4.000	137.473	-2.00	4.085	137.530	66.67
-4.341	137.081	-150.00	-4.000	137.592	-2.00	530+0.000	137.672	137.339	0.333	4.000	137.592	-2.00	4.010	137.577	-150.00
-4.405	137.104	-150.00	-4.000	137.712	-2.00	531+0.000	137.792	137.415	0.377	4.000	137.712	-2.00	4.009	137.698	-150.00
-4.410	137.219	-150.00	-4.000	137.834	-2.00	532+0.000	137.914	137.537	0.377	4.000	137.834	-2.00	4.038	137.859	66.67
-4.410	137.441	-150.00	-4.000	138.056	-2.00	533+0.000	138.136	137.748	0.388	4.000	138.056	-2.00			
-4.448	137.747	-150.00	-4.000	138.419	-2.00	534+0.000	138.499	138.076	0.423	4.000	138.419	-2.00	4.030	138.373	-150.00
-4.345	138.264	-150.00	-4.000	138.781	-2.00	535+0.000	138.861	138.597	0.264	4.000	138.781	-2.00	4.208	138.919	66.67
-4.506	138.368	-150.00	-4.000	139.128	-2.00	536+0.000	139.208	138.788	0.420	4.000	139.128	-2.00	4.057	139.165	66.67
-4.558	138.238	-150.00	-4.000	139.075	-2.00	537+0.000	139.155	138.733	0.422	4.000	139.075	-2.00	4.165	139.185	66.67
-4.602	137.554	-150.00	-4.000	138.457	-2.00	538+0.000	138.537	138.113	0.424	4.000	138.457	-2.00	4.260	138.630	66.67
-4.576	136.418	-150.00	-4.000	137.281	-2.00	539+0.000	137.361	136.955	0.406	4.000	137.281	-2.00	4.262	137.456	66.67
-4.614	134.926	-150.00	-4.000	135.847	-2.00	540+0.000	135.927	135.468	0.459	4.000	135.847	-2.00	4.170	135.960	66.67
-4.583	133.363	-150.00	-4.000	134.238	-2.00	541+0.000	134.318	133.698	0.621	4.000	134.238	-2.00	4.051	134.162	-150.00
-4.621	131.688	-150.00	-4.000	132.619	-2.00	542+0.000	132.699	131.970	0.729	4.000	132.619	-2.00	4.200	132.319	-150.00
-4.523	130.215	-150.00	-4.000	131.000	-2.00	543+0.000	131.080	130.485	0.595	4.000	131.000	-2.00	4.173	130.740	-150.00
-4.344	128.906	-150.00	-4.000	129.423	-2.00	544+0.000	129.503	129.160	0.343	4.000	129.423	-2.00	4.019	129.394	-150.00
-4.257	127.810	-150.00	-4.000	128.196	-2.00	545+0.000	128.276	128.030	0.246	4.000	128.196	-2.00	4.072	128.244	66.67
-4.260	126.995	-150.00	-4.000	127.384	-2.00	546+0.000	127.464	127.222	0.243	4.000	127.384	-2.00	4.082	127.439	66.67
-4.313	126.519	-150.00	-4.000	126.988	-2.00	547+0.000	127.068	126.782	0.286	4.000	126.988	-2.00	4.061	127.029	66.67
-4.300	126.532	-150.00	-4.000	126.982	-2.00	548+0.000	127.062	126.706	0.356	4.000	126.982	-2.00	4.075	126.869	-150.00
-4.298	126.617	-150.00	-4.000	127.064	-2.00	549+0.000	127.144	126.770	0.374	4.000	127.064	-2.00	4.078	126.947	-150.00
-4.208	126.967	-150.00	-4.000	127.279	-2.00	550+0.000	127.359	126.982	0.377	4.000	127.279	-2.00	4.199	126.980	-150.00
-4.226	127.509	-150.00	-4.000	127.847	-2.00	551+0.000	127.927	127.523	0.404	4.000	127.847	-2.00	4.207	127.536	-150.00
-4.181	127.947	-150.00	-4.000	128.218	-2.00	552+0.000	128.298	127.898	0.400	4.000	128.218	-2.00	4.247	127.848	-150.00
-4.188	128.177	-150.00	-4.000	128.460	-2.00	553+0.000	128.540	128.123	0.416	4.000	128.460	-2.00	4.261	128.068	-150.00
-4.188	128.419	-150.00	-4.000	128.701	-2.00	554+0.000	128.781	128.490	0.290	4.000	128.701	-2.00	4.093	128.560	-150.00
-4.061	128.850	-150.00	-4.000	128.942	-2.00	555+0.000	129.022	129.007	0.015	4.000	128.942	-2.00	4.205	129.078	66.67
-4.297	128.737	-150.00	-4.000	129.183	-2.00	556+0.000	129.263	128.914	0.349	4.000	129.183	-2.00	4.068	129.082	-150.00
-4.377	128.858	-150.00	-4.000	129.424	-2.00	557+0.000	129.504	129.050	0.454	4.000	129.424	-2.00	4.129	129.231	-150.00
-4.357	129.130	-150.00	-4.000	129.666	-2.00	558+0.000	129.746	129.297	0.449	4.000	129.666	-2.00	4.119	129.487	-150.00
-4.277	129.561	-150.00	-4.000	129.977	-2.00	559+0.000	130.057	129.683	0.374	4.000	129.977	-2.00	4.070	129.872	-150.00

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

-4.204	130.019	-150.00	-4.000	130.326	-2.00	560+0.000	130.406	130.152	0.254	4.000	130.326	-2.00	4.032	130.278	-150.00
-4.134	130.474	-150.00	-4.000	130.675	-2.00	561+0.000	130.755	130.602	0.153	4.000	130.675	-2.00	4.080	130.728	66.67
-4.106	130.866	-150.00	-4.000	131.024	-2.00	562+0.000	131.104	131.000	0.104	4.000	131.024	-2.00	4.170	131.137	66.67
-4.150	131.149	-150.00	-4.000	131.373	-2.00	563+0.000	131.453	131.306	0.147	4.000	131.373	-2.00	4.108	131.445	66.67
-4.260	131.332	-150.00	-4.000	131.722	-2.00	564+0.000	131.802	131.500	0.302	4.000	131.722	-2.00	4.041	131.660	-150.00
-4.320	131.592	-150.00	-4.000	132.071	-2.00	565+0.000	132.151	131.773	0.378	4.000	132.071	-2.00	4.084	131.945	-150.00
-4.365	131.972	-150.00	-4.000	132.519	-2.00	566+0.000	132.599	132.164	0.434	4.000	132.519	-2.00	4.115	132.346	-150.00
-4.462	132.386	-150.00	-4.000	133.079	-2.00	567+0.000	133.159	132.625	0.534	4.000	133.079	-2.00	4.177	132.814	-150.00
-4.484	132.914	-150.00	-4.000	133.639	-2.00	568+0.000	133.719	133.179	0.540	4.000	133.639	-2.00	4.167	133.389	-150.00
-4.422	133.502	-150.00	-4.000	134.136	-2.00	569+0.000	134.216	133.721	0.494	4.000	134.136	-2.00	4.139	133.927	-150.00
-4.188	134.084	-150.00	-4.000	134.365	-2.00	570+0.000	134.445	134.243	0.202	4.000	134.365	-2.00	4.049	134.398	66.67
-4.236	133.959	-150.00	-4.000	134.313	-2.00	571+0.000	134.393	134.116	0.277	4.000	134.313	-2.00	4.032	134.265	-150.00
-4.318	133.504	-150.00	-4.000	133.980	-2.00	572+0.000	134.060	133.638	0.422	4.000	133.980	-2.00	4.142	133.768	-150.00
-4.357	132.830	-150.00	-4.000	133.365	-2.00	573+0.000	133.445	133.090	0.355	4.000	133.365	-2.00	4.024	133.330	-150.00
-4.451	131.808	-150.00	-4.000	132.484	-2.00	574+0.000	132.564	132.049	0.516	4.000	132.484	-2.00	4.115	132.312	-150.00
-4.484	130.814	-150.00	-4.000	131.540	-2.00	575+0.000	131.620	131.104	0.516	4.000	131.540	-2.00	4.099	131.390	-150.00
-4.415	129.972	-150.00	-4.000	130.595	-2.00	576+0.000	130.675	130.214	0.461	4.000	130.595	-2.00	4.078	130.478	-150.00
-4.358	129.537	-150.00	-4.000	130.074	-2.00	577+0.000	130.154	129.732	0.422	4.000	130.074	-2.00	4.075	129.962	-150.00
-4.414	129.207	-150.00	-4.000	129.828	-2.00	578+0.000	129.908	129.409	0.499	4.000	129.828	-2.00	4.153	129.598	-150.00
-4.378	129.015	-150.00	-4.000	129.582	-2.00	579+0.000	129.662	129.183	0.479	4.000	129.582	-2.00	4.158	129.344	-150.00
-4.314	128.865	-150.00	-4.000	129.335	-2.00	580+0.000	129.415	129.023	0.393	4.000	129.335	-2.00	4.108	129.173	-150.00
-4.301	128.842	-150.00	-4.000	129.293	-2.00	581+0.000	129.373	128.962	0.412	4.000	129.293	-2.00	4.144	129.077	-150.00
-4.348	128.758	-150.00	-4.000	129.280	-2.00	582+0.000	129.360	128.857	0.503	4.000	129.280	-2.00	4.218	128.953	-150.00
-4.318	128.790	-150.00	-4.000	129.267	-2.00	583+0.000	129.347	128.892	0.455	4.000	129.267	-2.00	4.184	128.992	-150.00
-4.276	128.886	-150.00	-4.000	129.300	-2.00	584+0.000	129.380	128.969	0.411	4.000	129.300	-2.00	4.156	129.066	-150.00
-4.238	129.268	-150.00	-4.000	129.625	-2.00	585+0.000	129.705	129.315	0.390	4.000	129.625	-2.00	4.142	129.412	-150.00
-4.259	129.757	-150.00	-4.000	130.145	-2.00	586+0.000	130.225	129.812	0.413	4.000	130.145	-2.00	4.179	129.877	-150.00
-4.331	130.364	-150.00	-4.000	130.861	-2.00	587+0.000	130.941	130.435	0.506	4.000	130.861	-2.00	4.238	130.503	-150.00
-4.319	131.098	-150.00	-4.000	131.576	-2.00	588+0.000	131.656	131.176	0.479	4.000	131.576	-2.00	4.215	131.253	-150.00
-4.329	131.798	-150.00	-4.000	132.291	-2.00	589+0.000	132.371	131.881	0.491	4.000	132.291	-2.00	4.220	131.962	-150.00
-4.353	132.477	-150.00	-4.000	133.007	-2.00	590+0.000	133.087	132.604	0.483	4.000	133.007	-2.00	4.187	132.725	-150.00
-4.317	133.246	-150.00	-4.000	133.722	-2.00	591+0.000	133.802	133.369	0.433	4.000	133.722	-2.00	4.156	133.487	-150.00
-4.294	133.984	-150.00	-4.000	134.425	-2.00	592+0.000	134.505	134.102	0.403	4.000	134.425	-2.00	4.141	134.214	-150.00
-4.240	134.590	-150.00	-4.000	134.951	-2.00	593+0.000	135.031	134.700	0.330	4.000	134.951	-2.00	4.089	134.818	-150.00
-4.216	135.057	-150.00	-4.000	135.380	-2.00	594+0.000	135.460	135.113	0.348	4.000	135.380	-2.00	4.107	135.220	-150.00
-4.251	135.373	-150.00	-4.000	135.750	-2.00	595+0.000	135.830	135.426	0.405	4.000	135.750	-2.00	4.161	135.509	-150.00
-4.167	135.414	-150.00	-4.000	135.664	-2.00	596+0.000	135.744	135.509	0.235	4.000	135.664	-2.00	4.042	135.601	-150.00
-4.121	135.337	-150.00	-4.000	135.519	-2.00	597+0.000	135.599	135.419	0.181	4.000	135.519	-2.00	4.014	135.529	66.67
-4.158	135.138	-150.00	-4.000	135.375	-2.00	598+0.000	135.455	135.252	0.203	4.000	135.375	-2.00	4.008	135.362	-150.00
-4.188	134.948	-150.00	-4.000	135.230	-2.00	599+0.000	135.310	135.069	0.241	4.000	135.230	-2.00	4.030	135.186	-150.00
-4.232	134.738	-150.00	-4.000	135.085	-2.00	600+0.000	135.165	134.869	0.296	4.000	135.085	-2.00	4.065	134.989	-150.00
-4.310	134.466	-150.00	-4.000	134.931	-2.00	601+0.000	135.011	134.607	0.405	4.000	134.931	-2.00	4.127	134.741	-150.00
-4.309	134.039	-150.00	-4.000	134.503	-2.00	602+0.000	134.583	134.157	0.426	4.000	134.503	-2.00	4.145	134.285	-150.00
-4.316	133.569	-150.00	-4.000	134.043	-2.00	603+0.000	134.123	133.683	0.440	4.000	134.043	-2.00	4.170	133.787	-150.00
-4.299	133.135	-150.00	-4.000	133.583	-2.00	604+0.000	133.663	133.250	0.413	4.000	133.583	-2.00	4.148	133.361	-150.00
-4.236	132.565	-150.00	-4.000	132.919	-2.00	605+0.000	132.999	132.613	0.386	4.000	132.919	-2.00	4.173	132.659	-150.00
-4.179	131.758	-150.00	-4.000	132.027	-2.00	606+0.000	132.107	131.804	0.303	4.000	132.027	-2.00	4.118	131.850	-150.00
-4.094	130.994	-150.00	-4.000	131.136	-2.00	607+0.000	131.216	131.014	0.201	4.000	131.136	-2.00	4.067	131.034	-150.00
-4.037	130.188	-150.00	-4.000	130.244	-2.00	608+0.000	130.324	130.200	0.124	4.000	130.244	-2.00	4.022	130.212	-150.00
-4.077	129.237	-150.00	-4.000	129.353	-2.00	609+0.000	129.433	129.213	0.220	4.000	129.353	-2.00	4.109	129.188	-150.00
-4.163	128.217	-150.00	-4.000	128.461	-2.00	610+0.000	128.541	128.192	0.349	4.000	128.461	-2.00	4.193	128.172	-150.00
-4.198	127.268	-150.00	-4.000	127.565	-2.00	611+0.000	127.645	127.252	0.393	4.000	127.565	-2.00	4.210	127.250	-150.00
-4.173	126.415	-150.00	-4.000	126.674	-2.00	612+0.000	126.754	126.367	0.388	4.000	126.674	-2.00	4.189	126.391	-150.00
-4.211	125.857	-150.00	-4.000	126.173	-2.00	613+0.000	126.253	125.861	0.392	4.000	126.173	-2.00	4.205	125.866	-150.00
-4.217	125.469	-150.00	-4.000	125.795	-2.00	614+0.000	125.875	125.482	0.392	4.000	125.795	-2.00	4.173	125.535	-150.00
-4.260	125.348	-150.00	-4.000	125.738	-2.00	615+0.000	125.818	125.407	0.411	4.000	125.738	-2.00	4.182	125.464	-150.00
-4.330	125.191	-150.00	-4.000	125.687	-2.00	616+0.000	125.767	125.264	0.503	4.000	125.687	-2.00	4.192	125.398	-150.00
-4.275	125.223	-150.00	-4.000	125.636	-2.00	617+0.000	125.716	125.362	0.354	4.000	125.636	-2.00	4.094	125.495	-150.00
-4.313	125.116	-150.00	-4.000	125.585	-2.00	618+0.000	125.665	125.302	0.363	4.000	125.585	-2.00	4.071	125.477	-150.00
-4.359	125.065	-150.00	-4.000	125.604	-2.00	619+0.000	125.684	125.262	0.422	4.000	125.604	-2.00	4.104	125.448	-150.00
-4.369	125.151	-150.00	-4.000	125.704	-2.00	620+0.000	125.784	125.309	0.475	4.000	125.704	-2.00	4.137	125.499	-150.00
-4.296	125.362	-150.00	-4.000	125.805	-2.00	621+0.000	125.885	125.463	0.423	4.000	125.805	-2.00	4.109	125.641	-150.00
-4.337	125.544	-150.00	-4.000	126.049	-2.00	622+0.000	126.129	125.704	0.425	4.000	126.049	-2.00	4.127	125.858	-150.00
-4.280	126.051	-150.00	-4.000	126.471	-2.00	623+0.000	126.551	126.139	0.412	4.000	126.471	-2.00	4.155	126.238	-150.00
-4.275	126.479	-150.00	-4.000	126.892	-2.00	624+0.000	126.972	126.568	0.405	4.000	126.892	-2.00	4.159	126.654	-150.00
-4.268	126.669	-150.00	-4.000	127.071	-2.00	625+0.000	127.151	126.750	0.401	4.000	127.071	-2.00	4.162	126.828	-150.00
-4.098	126.860	-150.00	-4.000	127.006	-2.00	626+0.000	127.086	126.842	0.244	4.000	127.006	-2.00	4.089	126.872	-150.00
-4.178	126.593	-150.00	-4.000	126.859	-2.00	627+0.000	126.939	126.637	0.302	4.000	126.859	-2.00	4.125	126.672	-150.00
-4.236	126.096	-150.00	-4.000	126.450	-2.00	628+0.000	126.530	126.117	0.413	4.000	126.450	-2.00	4.210	126.135	-150.00
-4.217	125.325	-150.00	-4.000	125.651	-2.00	629+0.000	125.731	125.330	0.400	4.000	125.651	-2.00	4.210	125.335	-150.00
-4.218	124.437	-150.00	-4.000	124.764	-2.00	630+0.000	124.844	124.450	0.394	4.000	124.764	-2.00	4.205	124.457	-150.00
-4.193	123.694	-150.00	-4.000	123.983	-2.00	631+0.000	124.063	123.664	0.399	4.000	123.983	-2.00	4.232	123.635	-150.00
-4.221	123.119	-150.00	-4.000	123.451	-2.00	632+0.000	123.531	123.113	0.418	4.000	123.451	-2.00	4.229	123.107	-150.00
-4.236	122.792	-150.00	-4.000	123.146	-2.00	633+0.000	123.226	122.809	0.417	4.000	123.146	-2.00	4.214	122.826	-150.00
-4.246	122.825	-150.00	-4.000	123.194	-2.00	634+0.000	123.274	122.879	0.395	4.000	123.194	-2.00	4.164	122.948	-150.00
-4.234	123.248	-150.00	-4.000	123.598	-2.00	635+0.000	123.678	123.271	0.407	4.000	123.598	-2.00	4.203	123.294	-150.00
-4.307	123.895	-150.00	-4.000	124.355	-2.00	636+0.000	124.435	123.996	0.439	4.000	124.355	-2.00	4.195	124.063	-150.00
-4.361	124.699	-150.00	-4.000	125.240	-2.00	637+0.000	125.320	124.771	0.550	4.000	125.240	-2.00	4.267	124.841	-150.00
-4.329	125.632	-150.00	-4.000	126.126	-2.00	638+0.000	126.206	125.709	0.496	4.000	126.126	-2.00	4.217	125.800	-150.00
-4.282	126.616	-150.00	-4.000	127.038	-2.00	639+0.000	127.118	126.734	0.385	4.000	127.038	-2.00	4.127	126.848	-150.00
-4.280	127.716	-150.00	-4.000	128.136	-2.00	640+0.000	128.216	127.873	0.344	4.000	128.136	-2.00	4.086	128.007	-150.00

Osvaldo Leôncio da Silva
Diretor da Unidade de Projetos
Projetos e Obras - DUPO
Secretaria das Cidades

-4.301	128.757	-150.00	-4.000	129.208	-2.00	641+0.000	129.288	128.924	0.364	4.000	129.208	-2.00	4.167	128.958	-150.00
-4.321	129.578	-150.00	-4.000	130.060	-2.00	642+0.000	130.140	129.641	0.499	4.000	130.060	-2.00	4.247	129.689	-150.00
-4.366	130.100	-150.00	-4.000	130.650	-2.00	643+0.000	130.730	130.174	0.556	4.000	130.650	-2.00	4.270	130.245	-150.00
-4.327	130.489	-150.00	-4.000	130.979	-2.00	644+0.000	131.059	130.580	0.479	4.000	130.979	-2.00	4.207	130.669	-150.00
-4.158	130.830	-150.00	-4.000	131.068	-2.00	645+0.000	131.148	130.786	0.362	4.000	131.068	-2.00	4.228	130.726	-150.00
-4.152	130.903	-150.00	-4.000	131.131	-2.00	646+0.000	131.211	130.864	0.348	4.000	131.131	-2.00	4.207	130.821	-150.00
-4.186	131.068	-150.00	-4.000	131.347	-2.00	647+0.000	131.427	130.998	0.430	4.000	131.347	-2.00	4.281	130.926	-150.00
-4.194	131.445	-150.00	-4.000	131.736	-2.00	648+0.000	131.816	131.375	0.441	4.000	131.736	-2.00	4.312	131.268	-150.00
-4.192	132.010	-150.00	-4.000	132.298	-2.00	649+0.000	132.378	131.940	0.438	4.000	132.298	-2.00	4.294	131.857	-150.00
-4.210	132.712	-150.00	-4.000	133.027	-2.00	650+0.000	133.107	132.642	0.465	4.000	133.027	-2.00	4.304	132.570	-150.00
-4.186	133.526	-150.00	-4.000	133.805	-2.00	651+0.000	133.885	133.445	0.440	4.000	133.805	-2.00	4.296	133.361	-150.00
-4.190	134.236	-150.00	-4.000	134.521	-2.00	652+0.000	134.601	134.179	0.422	4.000	134.521	-2.00	4.319	134.043	-150.00
-4.140	134.536	-150.00	-4.000	134.746	-2.00	653+0.000	134.826	134.405	0.421	4.000	134.746	-2.00	4.309	134.283	-150.00
-4.171	134.714	-150.00	-4.000	134.971	-2.00	654+0.000	135.051	134.641	0.410	4.000	134.971	-2.00	4.270	134.566	-150.00
-4.186	134.917	-150.00	-4.000	135.196	-2.00	655+0.000	135.276	134.864	0.412	4.000	135.196	-2.00	4.260	134.807	-150.00
-4.131	135.094	-150.00	-4.000	135.289	-2.00	656+0.000	135.369	134.971	0.398	4.000	135.289	-2.00	4.297	134.844	-150.00
-4.129	135.165	-150.00	-4.000	135.359	-2.00	657+0.000	135.439	135.052	0.387	4.000	135.359	-2.00	4.283	134.935	-150.00
-4.139	135.305	-150.00	-4.000	135.514	-2.00	658+0.000	135.594	135.198	0.396	4.000	135.514	-2.00	4.289	135.081	-150.00
-4.133	135.464	-150.00	-4.000	135.663	-2.00	659+0.000	135.743	135.343	0.400	4.000	135.663	-2.00	4.316	135.189	-150.00
-4.121	135.554	-150.00	-4.000	135.735	-2.00	660+0.000	135.815	135.407	0.408	4.000	135.735	-2.00	4.322	135.253	-150.00
-4.117	135.583	-150.00	-4.000	135.758	-2.00	661+0.000	135.838	135.442	0.396	4.000	135.758	-2.00	4.309	135.294	-150.00
-4.113	135.415	-150.00	-4.000	135.585	-2.00	662+0.000	135.665	135.248	0.417	4.000	135.585	-2.00	4.341	135.073	-150.00
-4.055	135.005	-150.00	-4.000	135.087	-2.00	663+0.000	135.167	134.769	0.398	4.000	135.087	-2.00	4.310	134.622	-150.00
-4.073	134.695	-150.00	-4.000	134.805	-2.00	664+0.000	134.885	134.487	0.398	4.000	134.805	-2.00	4.317	134.329	-150.00
-4.040	134.858	-150.00	-4.000	134.917	-2.00	665+0.000	134.997	134.603	0.395	4.000	134.917	-2.00	4.315	134.445	-150.00
-4.045	135.191	-150.00	-4.000	135.258	-2.00	666+0.000	135.338	134.939	0.399	4.000	135.258	-2.00	4.395	134.666	-150.00
-4.058	135.579	-150.00	-4.000	135.665	-2.00	667+0.000	135.745	135.344	0.401	4.000	135.665	-2.00	4.383	135.091	-150.00
-4.080	135.835	-150.00	-4.000	135.955	-2.00	668+0.000	136.035	135.620	0.415	4.000	135.955	-2.00	4.377	135.390	-150.00
-4.078	135.975	-150.00	-4.000	136.093	-2.00	669+0.000	136.173	135.660	0.513	4.000	136.093	-2.00	4.452	135.414	-150.00
-4.033	136.182	-150.00	-4.000	136.231	-2.00	670+0.000	136.311	135.848	0.462	4.000	136.231	-2.00	4.503	135.476	-150.00
-4.034	136.318	-150.00	-4.000	136.369	-2.00	671+0.000	136.449	135.987	0.462	4.000	136.369	-2.00	4.463	135.674	-150.00
			-4.000	136.545	-2.00	672+0.000	136.625	136.299	0.326	4.000	136.545	-2.00	4.341	136.033	-150.00
-4.011	137.039	66.67	-4.000	137.032	-2.00	673+0.000	137.112	136.661	0.451	4.000	137.032	-2.00	4.403	136.428	-150.00
-4.069	137.928	66.67	-4.000	137.882	-2.00	674+0.000	137.962	137.535	0.426	4.000	137.882	-2.00	4.504	137.125	-150.00
-4.040	139.068	66.67	-4.000	139.041	-2.00	675+0.000	139.121	138.700	0.421	4.000	139.041	-2.00	4.501	138.290	-150.00
-4.133	140.328	66.67	-4.000	140.239	-2.00	676+0.000	140.319	140.007	0.312	4.000	140.239	-2.00	4.381	139.668	-150.00
-4.015	141.445	-150.00	-4.000	141.468	-2.00	677+0.000	141.548	141.194	0.354	4.000	141.468	-2.00	4.374	140.907	-150.00
-4.468	143.062	66.67	-4.000	142.750	-2.00	678+0.000	142.830	142.803	0.027	4.000	142.750	-2.00	4.124	142.564	-150.00
-4.397	144.297	66.67	-4.000	144.032	-2.00	679+0.000	144.112	143.969	0.143	4.000	144.032	-2.00	4.233	143.682	-150.00
-4.020	145.086	-150.00	-4.000	145.116	-2.00	680+0.000	145.196	144.867	0.328	4.000	145.116	-2.00	4.323	144.632	-150.00
-4.029	145.916	-150.00	-4.000	145.959	-2.00	681+0.000	146.039	145.692	0.347	4.000	145.959	-2.00	4.344	145.443	-150.00
-4.091	146.681	-150.00	-4.000	146.818	-2.00	682+0.000	146.898	146.508	0.390	4.000	146.818	-2.00	4.328	146.325	-150.00
-4.166	147.617	-150.00	-4.000	147.866	-2.00	683+0.000	147.946	147.461	0.485	4.000	147.866	-2.00	4.380	147.296	-150.00
-4.209	148.602	-150.00	-4.000	148.916	-2.00	684+0.000	148.996	148.480	0.516	4.000	148.916	-2.00	4.373	148.356	-150.00
-4.091	149.859	-150.00	-4.000	149.995	-2.00	685+0.000	150.075	149.684	0.392	4.000	149.995	-2.00	4.332	149.498	-150.00
-4.087	151.181	-150.00	-4.000	151.312	-2.00	686+0.000	151.392	151.015	0.377	4.000	151.312	-2.00	4.317	150.836	-150.00
-4.130	152.816	-150.00	-4.000	153.010	-2.00	687+0.000	153.090	152.695	0.395	4.000	153.010	-2.00	4.328	152.519	-150.00
-4.155	154.967	-150.00	-4.000	155.199	-2.00	688+0.000	155.279	154.859	0.420	4.000	155.199	-2.00	4.372	154.640	-150.00
-4.163	156.825	-150.00	-4.000	157.069	-2.00	689+0.000	157.149	156.697	0.452	4.000	157.069	-2.00	4.374	156.508	-150.00
-4.073	158.781	-150.00	-4.000	158.891	-2.00	690+0.000	158.971	158.567	0.403	4.000	158.891	-2.00	4.430	158.246	-150.00
-4.158	160.196	66.67	-4.000	160.091	-2.00	691+0.000	160.171	159.858	0.313	4.000	160.091	-2.00	4.394	159.501	-150.00
-4.005	161.157	-150.00	-4.000	161.165	-2.00	692+0.000	161.245	160.865	0.380	4.000	161.165	-2.00	4.415	160.542	-150.00
-4.069	161.941	-150.00	-4.000	162.044	-2.00	693+0.000	162.124	161.646	0.478	4.000	162.044	-2.00	4.428	161.402	-150.00
-4.136	162.366	-150.00	-4.000	162.570	-2.00	694+0.000	162.650	162.159	0.491	4.000	162.570	-2.00	4.422	161.937	-150.00
-4.283	162.671	-150.00	-4.000	163.096	-2.00	695+0.000	163.176	162.610	0.566	4.000	163.096	-2.00	4.365	162.548	-150.00
-4.174	163.361	-150.00	-4.000	163.622	-2.00	696+0.000	163.702	163.302	0.400	4.000	163.622	-2.00	4.287	163.192	-150.00
-4.117	163.752	-150.00	-4.000	163.928	-2.00	697+0.000	164.008	163.625	0.383	4.000	163.928	-2.00	4.290	163.493	-150.00
-4.149	164.616	-150.00	-4.000	164.840	-2.00	698+0.000	164.920	164.572	0.348	4.000	164.840	-2.00	4.213	164.520	-150.00
-4.152	166.042	-150.00	-4.000	166.270	-2.00	699+0.000	166.350	165.995	0.356	4.000	166.270	-2.00	4.211	165.953	-150.00
-4.201	167.400	-150.00	-4.000	167.701	-2.00	700+0.000	167.781	167.383	0.398	4.000	167.701	-2.00	4.224	167.365	-150.00
-4.217	168.678	-150.00	-4.000	169.004	-2.00	701+0.000	169.084	168.663	0.421	4.000	169.004	-2.00	4.266	168.605	-150.00
-4.128	169.727	-150.00	-4.000	169.918	-2.00	702+0.000	169.998	169.670	0.327	4.000	169.918	-2.00	4.208	169.606	-150.00
-4.172	170.515	-150.00	-4.000	170.772	-2.00	703+0.000	170.852	170.461	0.391	4.000	170.772	-2.00	4.239	170.414	-150.00
-4.191	171.253	-150.00	-4.000	171.539	-2.00	704+0.000	171.619	171.214	0.405	4.000	171.539	-2.00	4.242	171.175	-150.00
-4.200	171.848	-150.00	-4.000	172.148	-2.00	705+0.000	172.228	171.812	0.416	4.000	172.148	-2.00	4.243	171.783	-150.00
-4.190	172.247	-150.00	-4.000	172.533	-2.00	706+0.000	172.613	172.202	0.410	4.000	172.533	-2.00	4.250	172.157	-150.00
-4.188	172.452	-150.00	-4.000	172.734	-2.00	707+0.000	172.814	172.416	0.398	4.000	172.734	-2.00	4.237	172.379	-150.00
-4.177	172.335	-150.00	-4.000	172.601	-2.00	708+0.000	172.681	172.328	0.353	4.000	172.601	-2.00	4.187	172.321	-150.00
-4.216	171.964	-150.00	-4.000	172.287	-2.00	709+0.000	172.367	171.966	0.401	4.000	172.287	-2.00	4.200	171.987	-150.00
-4.175	171.438	-150.00	-4.000	171.701	-2.00	710+0.000	171.781	171.431	0.349	4.000	171.701	-2.00	4.191	171.414	-150.00
-4.214	170.793	-150.00	-4.000	171.114	-2.00	711+0.000	171.194	170.789	0.405	4.000	171.114	-2.00	4.219	170.785	-150.00
-4.281	169.913	-150.00	-4.000	170.335	-2.00	712+0.000	170.415	169.959	0.456	4.000	170.335	-2.00	4.221	170.004	-150.00
-4.296	169.089	-150.00	-4.000	169.533	-2.00	713+0.000	169.613	169.161	0.452	4.000	169.533	-2.00	4.192	169.246	-150.00
-4.270	168.326	-150.00	-4.000	168.731	-2.00	714+0.000	168.811	168.409	0.402	4.000	168.731	-2.00	4.161	168.489	-150.00
-4.288	167.560	-150.00	-4.000	167.992	-2.00	715+0.000	168.072	167.674	0.399	4.000	167.992	-2.00	4.131	167.796	-150.00
-4.354	167.002	-150.00	-4.000	167.532	-2.00	716+0.000	167.612	167.120	0.492	4.000	167.532	-2.00	4.192	167.243	-150.00
-4.377	166.517	-150.00	-4.000	167.083	-2.00	717+0.000	167.163	166.626	0.537	4.000	167.083	-2.00	4.234	166.732	-150.00
-4.385	166.056	-150.00	-4.000	166.634	-2.00	718+0.000	166.714	166.166	0.548	4.000	166.634	-2.00	4.241	166.272	-150.00
-4.313	165.715	-150.00	-4.000	166.185	-2.00	719+0.000	166.265	165.824	0.441	4.000	166.185	-2.00	4.171	165.929	-150.00
-4.230	165.391	-150.00	-4.000	165.736	-2.00	720+0.000	165.816	165.499	0.317	4.000	165.736	-2.00	4.089	165.603	-150.00
-4.152	165.059	-150.00	-4.000	165.287	-2.00	721+0.000	165.367	165.171	0.196	4.000	165.287	-2.00	4.005	165.279	-150.00

Osvaldo Leôncio da S[illegible]
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades [illegible]

-4.249	164.465	-150.00	-4.000	164.839	-2.00	722+0.000	164.919	164.567	0.351	4.000	164.839	-2.00	4.115	164.666	-150.00
-4.298	163.759	-150.00	-4.000	164.207	-2.00	723+0.000	164.287	163.885	0.402	4.000	164.207	-2.00	4.133	164.008	-150.00
-4.278	162.900	-150.00	-4.000	163.316	-2.00	724+0.000	163.396	162.988	0.408	4.000	163.316	-2.00	4.137	163.111	-150.00
-4.253	161.908	-150.00	-4.000	162.288	-2.00	725+0.000	162.368	161.965	0.403	4.000	162.288	-2.00	4.168	162.036	-150.00
-4.203	160.918	-150.00	-4.000	161.223	-2.00	726+0.000	161.303	160.940	0.363	4.000	161.223	-2.00	4.174	160.962	-150.00
-4.178	159.891	-150.00	-4.000	160.157	-2.00	727+0.000	160.237	159.901	0.336	4.000	160.157	-2.00	4.161	159.916	-150.00
-4.121	158.912	-150.00	-4.000	159.094	-2.00	728+0.000	159.174	158.922	0.252	4.000	159.094	-2.00	4.116	158.919	-150.00
-4.162	157.871	-150.00	-4.000	158.113	-2.00	729+0.000	158.193	157.853	0.340	4.000	158.113	-2.00	4.182	157.840	-150.00
-4.175	156.996	-150.00	-4.000	157.259	-2.00	730+0.000	157.339	156.983	0.356	4.000	157.259	-2.00	4.235	156.906	-150.00
-4.239	156.171	-150.00	-4.000	156.530	-2.00	731+0.000	156.610	156.093	0.517	4.000	156.530	-2.00	4.345	156.013	-150.00
-4.228	155.584	-150.00	-4.000	155.927	-2.00	732+0.000	156.007	155.464	0.542	4.000	155.927	-2.00	4.393	155.337	-150.00
-4.140	155.239	-150.00	-4.000	155.449	-2.00	733+0.000	155.529	155.032	0.497	4.000	155.449	-2.00	4.370	154.894	-150.00
-4.095	154.954	-150.00	-4.000	155.097	-2.00	734+0.000	155.177	154.758	0.419	4.000	155.097	-2.00	4.365	154.550	-150.00
-4.099	154.718	-150.00	-4.000	154.867	-2.00	735+0.000	154.947	154.564	0.383	4.000	154.867	-2.00	4.310	154.402	-150.00
-4.090	154.536	-150.00	-4.000	154.671	-2.00	736+0.000	154.751	154.396	0.356	4.000	154.671	-2.00	4.282	154.249	-150.00
-4.200	154.176	-150.00	-4.000	154.476	-2.00	737+0.000	154.556	154.096	0.461	4.000	154.476	-2.00	4.309	154.013	-150.00
-4.192	153.992	-150.00	-4.000	154.281	-2.00	738+0.000	154.361	153.934	0.427	4.000	154.281	-2.00	4.271	153.874	-150.00
-4.195	153.794	-150.00	-4.000	154.086	-2.00	739+0.000	154.166	153.750	0.416	4.000	154.086	-2.00	4.254	153.705	-150.00
-4.201	153.589	-150.00	-4.000	153.890	-2.00	740+0.000	153.970	153.544	0.427	4.000	153.890	-2.00	4.261	153.498	-150.00
-4.179	153.381	-150.00	-4.000	153.650	-2.00	741+0.000	153.730	153.322	0.408	4.000	153.650	-2.00	4.258	153.262	-150.00
-4.029	153.118	-150.00	-4.000	153.162	-2.00	742+0.000	153.242	153.032	0.210	4.000	153.162	-2.00	4.160	152.922	-150.00
			-4.000	152.600	-2.00	743+0.000	152.680	152.488	0.191	4.000	152.600	-2.00	4.107	152.439	-150.00
-4.063	151.943	-150.00	-4.000	152.037	-2.00	744+0.000	152.117	151.925	0.192	4.000	152.037	-2.00	4.084	151.911	-150.00
-4.099	151.327	-150.00	-4.000	151.475	-2.00	745+0.000	151.555	151.330	0.224	4.000	151.475	-2.00	4.093	151.336	-150.00
-4.163	150.667	-150.00	-4.000	150.912	-2.00	746+0.000	150.992	150.613	0.379	4.000	150.912	-2.00	4.236	150.558	-150.00
-4.171	149.942	-150.00	-4.000	150.198	-2.00	747+0.000	150.278	149.860	0.418	4.000	150.198	-2.00	4.281	149.776	-150.00
-4.254	148.945	-150.00	-4.000	149.326	-2.00	748+0.000	149.406	148.847	0.559	4.000	149.326	-2.00	4.264	148.930	-150.00
-4.400	147.854	-150.00	-4.000	148.454	-2.00	749+0.000	148.534	147.932	0.602	4.000	148.454	-2.00	4.297	148.008	-150.00
-4.397	146.987	-150.00	-4.000	147.582	-2.00	750+0.000	147.662	147.050	0.612	4.000	147.582	-2.00	4.307	147.121	-150.00
-4.303	146.255	-150.00	-4.000	146.710	-2.00	751+0.000	146.790	146.261	0.529	4.000	146.710	-2.00	4.296	146.266	-150.00
-4.189	145.536	-150.00	-4.000	145.819	-2.00	752+0.000	145.899	145.494	0.406	4.000	145.819	-2.00	4.246	145.451	-150.00
-4.129	144.708	-150.00	-4.000	144.902	-2.00	753+0.000	144.982	144.606	0.376	4.000	144.902	-2.00	4.162	144.659	-150.00
-4.051	144.322	66.67	-4.000	144.288	-2.00	754+0.000	144.368	144.389	-0.021	4.000	144.288	-2.00	4.256	144.459	66.67
-4.072	143.722	66.67	-4.000	143.675	-2.00	755+0.000	143.755	143.677	0.077	4.000	143.675	-2.00	4.028	143.633	-150.00
-4.066	142.962	-150.00	-4.000	143.061	-2.00	756+0.000	143.141	142.896	0.245	4.000	143.061	-2.00	4.155	142.829	-150.00
-4.166	142.199	-150.00	-4.000	142.448	-2.00	757+0.000	142.528	142.138	0.390	4.000	142.448	-2.00	4.241	142.087	-150.00
-4.213	141.236	-150.00	-4.000	141.555	-2.00	758+0.000	141.635	141.206	0.428	4.000	141.555	-2.00	4.227	141.214	-150.00
-4.175	140.125	-150.00	-4.000	140.387	-2.00	759+0.000	140.467	140.118	0.348	4.000	140.387	-2.00	4.183	140.112	-150.00
-4.269	139.085	-150.00	-4.000	139.488	-2.00	760+0.000	139.568	139.199	0.369	4.000	139.488	-2.00	4.119	139.310	-150.00
-4.336	138.113	-150.00	-4.000	138.618	-2.00	761+0.000	138.698	138.247	0.451	4.000	138.618	-2.00	4.135	138.416	-150.00
-4.203	138.101	-150.00	-4.000	138.405	-2.00	762+0.000	138.485	138.091	0.395	4.000	138.405	-2.00	4.217	138.080	-150.00
-4.217	138.175	-150.00	-4.000	138.501	-2.00	763+0.000	138.581	138.175	0.405	4.000	138.501	-2.00	4.217	138.175	-150.00
-4.215	138.663	-150.00	-4.000	138.986	-2.00	764+0.000	139.066	138.631	0.436	4.000	138.986	-2.00	4.259	138.598	-150.00
-4.201	139.491	-150.00	-4.000	139.793	-2.00	765+0.000	139.873	139.458	0.414	4.000	139.793	-2.00	4.245	139.425	-150.00
-4.095	140.539	-150.00	-4.000	140.682	-2.00	766+0.000	140.762	140.360	0.402	4.000	140.682	-2.00	4.296	140.238	-150.00
-4.156	141.757	-150.00	-4.000	141.991	-2.00	767+0.000	142.071	141.573	0.498	4.000	141.991	-2.00	4.409	141.378	-150.00
-4.194	143.010	-150.00	-4.000	143.300	-2.00	768+0.000	143.380	142.823	0.557	4.000	143.300	-2.00	4.450	142.625	-150.00
-4.084	144.483	-150.00	-4.000	144.609	-2.00	769+0.000	144.689	144.281	0.408	4.000	144.609	-2.00	4.362	144.066	-150.00
-4.135	145.640	-150.00	-4.000	145.843	-2.00	770+0.000	145.923	145.422	0.501	4.000	145.843	-2.00	4.437	145.188	-150.00
-4.155	146.823	-150.00	-4.000	147.055	-2.00	771-0.000	147.135	146.677	0.458	4.000	147.055	-2.00	4.360	146.516	-150.00
-4.141	147.878	-150.00	-4.000	148.090	-2.00	772+0.000	148.170	147.756	0.414	4.000	148.090	-2.00	4.331	147.594	-150.00
-4.172	148.554	-150.00	-4.000	148.813	-2.00	773+0.000	148.893	148.470	0.422	4.000	148.813	-2.00	4.286	148.384	-150.00
-4.176	149.251	-150.00	-4.000	149.514	-2.00	774+0.000	149.594	149.191	0.403	4.000	149.514	-2.00	4.257	149.128	-150.00
-4.111	149.825	-150.00	-4.000	149.991	-2.00	775+0.000	150.071	149.771	0.300	4.000	149.991	-2.00	4.184	149.715	-150.00
-4.080	150.337	-150.00	-4.000	150.456	-2.00	776+0.000	150.536	150.319	0.218	4.000	150.456	-2.00	4.104	150.300	-150.00
-4.016	150.897	-150.00	-4.000	150.922	-2.00	777+0.000	151.002	150.894	0.108	4.000	150.922	-2.00	4.020	150.891	-150.00
-4.152	151.159	-150.00	-4.000	151.387	-2.00	778+0.000	151.467	151.178	0.289	4.000	151.387	-2.00	4.113	151.218	-150.00
-4.282	151.283	-150.00	-4.000	151.706	-2.00	779+0.000	151.786	151.378	0.409	4.000	151.706	-2.00	4.139	151.497	-150.00
-4.289	151.280	-150.00	-4.000	151.713	-2.00	780+0.000	151.793	151.386	0.408	4.000	151.713	-2.00	4.150	151.488	-150.00
-4.299	151.011	-150.00	-4.000	151.460	-2.00	781+0.000	151.540	151.095	0.444	4.000	151.460	-2.00	4.164	151.213	-150.00
-4.281	150.750	-150.00	-4.000	151.172	-2.00	782+0.000	151.252	150.832	0.420	4.000	151.172	-2.00	4.173	150.912	-150.00
-4.239	150.123	-150.00	-4.000	150.482	-2.00	783+0.000	150.562	150.153	0.409	4.000	150.482	-2.00	4.197	150.187	-150.00
-4.248	149.271	-150.00	-4.000	149.643	-2.00	784+0.000	149.723	149.304	0.420	4.000	149.643	-2.00	4.178	149.376	-150.00
-4.284	148.380	-150.00	-4.000	148.805	-2.00	785+0.000	148.885	148.454	0.431	4.000	148.805	-2.00	4.185	148.527	-150.00
-4.253	147.588	-150.00	-4.000	147.967	-2.00	786+0.000	148.047	147.618	0.428	4.000	147.967	-2.00	4.192	147.679	-150.00
-4.221	146.882	-150.00	-4.000	147.213	-2.00	787+0.000	147.293	146.904	0.389	4.000	147.213	-2.00	4.192	146.926	-150.00
-4.221	146.244	-150.00	-4.000	146.575	-2.00	788+0.000	146.655	146.263	0.392	4.000	146.575	-2.00	4.189	146.292	-150.00
-4.273	145.659	-150.00	-4.000	146.068	-2.00	789+0.000	146.148	145.739	0.409	4.000	146.068	-2.00	4.152	145.841	-150.00
-4.314	145.221	-150.00	-4.000	145.693	-2.00	790+0.000	145.773	145.308	0.465	4.000	145.693	-2.00	4.197	145.397	-150.00
-4.295	144.843	-150.00	-4.000	145.285	-2.00	791+0.000	145.365	144.965	0.400	4.000	145.285	-2.00	4.135	145.082	-150.00
-4.272	144.330	-150.00	-4.000	144.737	-2.00	792+0.000	144.817	144.455	0.362	4.000	144.737	-2.00	4.111	144.571	-150.00
-4.291	143.752	-150.00	-4.000	144.189	-2.00	793+0.000	144.269	143.894	0.375	4.000	144.189	-2.00	4.106	144.030	-150.00
-4.299	143.193	-150.00	-4.000	143.641	-2.00	794+0.000	143.721	143.339	0.383	4.000	143.641	-2.00	4.109	143.479	-150.00
-4.313	142.635	-150.00	-4.000	143.104	-2.00	795+0.000	143.184	142.783	0.402	4.000	143.104	-2.00	4.121	142.924	-150.00
-4.297	142.163	-150.00	-4.000	142.609	-2.00	796+0.000	142.689	142.316	0.372	4.000	142.609	-2.00	4.098	142.462	-150.00
-4.230	141.769	-150.00	-4.000	142.114	-2.00	797+0.000	142.194	141.920	0.274	4.000	142.114	-2.00	4.042	142.050	-150.00
-4.217	141.294	-150.00	-4.000	141.619	-2.00	798+0.000	141.699	141.419	0.280	4.000	141.619	-2.00	4.054	141.539	-150.00
-4.176	140.860	-150.00	-4.000	141.124	-2.00	799+0.000	141.204	140.962	0.242	4.000	141.124	-2.00	4.042	141.061	-150.00
-4.236	140.276	-150.00	-4.000	140.629	-2.00	800+0.000	140.709	140.380	0.329	4.000	140.629	-2.00	4.099	140.481	-150.00
-4.299	139.586	-150.00	-4.000	140.034	-2.00	801+0.000	140.114	139.690	0.424	4.000	140.034	-2.00	4.162	139.791	-150.00
-4.323	138.732	-150.00	-4.000	139.216	-2.00	802+0.000	139.296	138.832	0.465	4.000	139.216	-2.00	4.192	138.928	-150.00

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

-4.301	137.947	-150.00	-4.000	138.398	-2.00	803+0.000	138.478	138.048	0.430	4.000	138.398	-2.00	4.168	138.146	-150.00
-4.270	137.185	-150.00	-4.000	137.589	-2.00	804+0.000	137.669	137.285	0.384	4.000	137.589	-2.00	4.138	137.383	-150.00
-4.289	136.742	-150.00	-4.000	137.175	-2.00	805+0.000	137.255	136.780	0.475	4.000	137.175	-2.00	4.238	136.818	-150.00
-4.285	136.570	-150.00	-4.000	136.998	-2.00	806+0.000	137.078	136.612	0.466	4.000	136.998	-2.00	4.230	136.653	-150.00
-4.237	136.578	-150.00	-4.000	136.933	-2.00	807+0.000	137.013	136.609	0.404	4.000	136.933	-2.00	4.196	136.640	-150.00
-4.223	136.864	-150.00	-4.000	137.198	-2.00	808+0.000	137.278	136.895	0.382	4.000	137.198	-2.00	4.182	136.925	-150.00
-4.206	137.269	-150.00	-4.000	137.578	-2.00	809+0.000	137.658	137.275	0.383	4.000	137.578	-2.00	4.195	137.285	-150.00
-4.194	137.779	-150.00	-4.000	138.069	-2.00	810+0.000	138.149	137.750	0.400	4.000	138.069	-2.00	4.231	137.723	-150.00
-4.186	138.460	-150.00	-4.000	138.738	-2.00	811+0.000	138.818	138.423	0.395	4.000	138.738	-2.00	4.228	138.397	-150.00
-4.186	139.196	-150.00	-4.000	139.474	-2.00	812+0.000	139.554	139.156	0.398	4.000	139.474	-2.00	4.232	139.126	-150.00
-4.183	140.000	-150.00	-4.000	140.274	-2.00	813+0.000	140.354	139.956	0.398	4.000	140.274	-2.00	4.238	139.918	-150.00
-4.186	140.892	-150.00	-4.000	141.171	-2.00	814+0.000	141.251	140.847	0.404	4.000	141.171	-2.00	4.242	140.808	-150.00
-4.220	141.745	-150.00	-4.000	142.075	-2.00	815+0.000	142.155	141.746	0.409	4.000	142.075	-2.00	4.210	141.760	-150.00
-4.226	142.637	-150.00	-4.000	142.976	-2.00	816+0.000	143.056	142.655	0.402	4.000	142.976	-2.00	4.206	142.667	-150.00
-4.192	143.397	-150.00	-4.000	143.685	-2.00	817+0.000	143.765	143.443	0.322	4.000	143.685	-2.00	4.137	143.480	-150.00
-4.203	144.047	-150.00	-4.000	144.352	-2.00	818+0.000	144.432	144.130	0.302	4.000	144.352	-2.00	4.106	144.192	-150.00
-4.276	144.585	-150.00	-4.000	144.999	-2.00	819+0.000	145.079	144.670	0.409	4.000	144.999	-2.00	4.176	144.735	-150.00
-4.257	144.931	-150.00	-4.000	145.317	-2.00	820+0.000	145.397	145.015	0.382	4.000	145.317	-2.00	4.146	145.097	-150.00
-4.231	145.224	-150.00	-4.000	145.571	-2.00	821+0.000	145.651	145.298	0.354	4.000	145.571	-2.00	4.133	145.371	-150.00
-4.257	145.440	-150.00	-4.000	145.826	-2.00	822+0.000	145.906	145.514	0.392	4.000	145.826	-2.00	4.158	145.589	-150.00
-4.269	145.708	-150.00	-4.000	146.111	-2.00	823+0.000	146.191	145.792	0.399	4.000	146.111	-2.00	4.158	145.875	-150.00
-4.267	146.041	-150.00	-4.000	146.442	-2.00	824+0.000	146.522	146.127	0.395	4.000	146.442	-2.00	4.152	146.214	-150.00
-4.292	146.491	-150.00	-4.000	146.930	-2.00	825+0.000	147.010	146.588	0.421	4.000	146.930	-2.00	4.165	146.683	-150.00
-4.285	146.997	-150.00	-4.000	147.424	-2.00	826+0.000	147.504	147.120	0.384	4.000	147.424	-2.00	4.124	147.238	-150.00
-4.302	147.468	-150.00	-4.000	147.922	-2.00	827+0.000	148.002	147.601	0.401	4.000	147.922	-2.00	4.128	147.729	-150.00
-4.285	148.179	-150.00	-4.000	148.607	-2.00	828+0.000	148.687	148.288	0.398	4.000	148.607	-2.00	4.142	148.394	-150.00
-4.285	148.962	-150.00	-4.000	149.390	-2.00	829+0.000	149.470	149.069	0.401	4.000	149.390	-2.00	4.145	149.172	-150.00
-4.252	149.795	-150.00	-4.000	150.173	-2.00	830+0.000	150.253	149.852	0.401	4.000	150.173	-2.00	4.146	149.953	-150.00
-4.225	150.618	-150.00	-4.000	150.956	-2.00	831+0.000	151.036	150.691	0.345	4.000	150.956	-2.00	4.129	150.763	-150.00
-4.201	151.438	-150.00	-4.000	151.739	-2.00	832+0.000	151.819	151.505	0.314	4.000	151.739	-2.00	4.112	151.571	-150.00
-4.222	152.189	-150.00	-4.000	152.522	-2.00	833+0.000	152.602	152.268	0.334	4.000	152.522	-2.00	4.118	152.346	-150.00
-4.247	152.935	-150.00	-4.000	153.305	-2.00	834+0.000	153.385	153.012	0.373	4.000	153.305	-2.00	4.145	153.087	-150.00
-4.238	153.699	-150.00	-4.000	154.056	-2.00	835+0.000	154.136	153.734	0.402	4.000	154.056	-2.00	4.183	153.782	-150.00
-4.246	154.366	-150.00	-4.000	154.734	-2.00	836+0.000	154.814	154.404	0.410	4.000	154.734	-2.00	4.195	154.442	-150.00
-4.233	154.950	-150.00	-4.000	155.299	-2.00	837+0.000	155.379	154.973	0.406	4.000	155.299	-2.00	4.202	154.997	-150.00
-4.244	155.389	-150.00	-4.000	155.755	-2.00	838+0.000	155.835	155.427	0.408	4.000	155.755	-2.00	4.193	155.465	-150.00
-4.245	155.725	-150.00	-4.000	156.093	-2.00	839+0.000	156.173	155.742	0.431	4.000	156.093	-2.00	4.212	155.776	-150.00
-4.236	156.038	-150.00	-4.000	156.392	-2.00	840+0.000	156.472	156.047	0.425	4.000	156.392	-2.00	4.222	156.059	-150.00
-4.228	156.349	-150.00	-4.000	156.691	-2.00	841+0.000	156.771	156.366	0.405	4.000	156.691	-2.00	4.205	156.384	-150.00
-4.214	156.708	-150.00	-4.000	157.029	-2.00	842+0.000	157.109	156.709	0.400	4.000	157.029	-2.00	4.183	156.754	-150.00
-4.238	157.235	-150.00	-4.000	157.592	-2.00	843+0.000	157.672	157.268	0.404	4.000	157.592	-2.00	4.190	157.307	-150.00
-4.242	157.792	-150.00	-4.000	158.155	-2.00	844+0.000	158.235	157.839	0.396	4.000	158.155	-2.00	4.180	157.885	-150.00
-4.252	158.340	-150.00	-4.000	158.717	-2.00	845+0.000	158.797	158.411	0.386	4.000	158.717	-2.00	4.157	158.482	-150.00
-4.256	158.860	-150.00	-4.000	159.244	-2.00	846+0.000	159.324	158.921	0.403	4.000	159.244	-2.00	4.175	158.981	-150.00
-4.259	159.328	-150.00	-4.000	159.717	-2.00	847+0.000	159.797	159.392	0.405	4.000	159.717	-2.00	4.177	159.452	-150.00
-4.257	159.641	-150.00	-4.000	160.027	-2.00	848+0.000	160.107	159.762	0.345	4.000	160.027	-2.00	4.099	159.878	-150.00
-4.197	159.882	-150.00	-4.000	160.177	-2.00	849+0.000	160.257	160.010	0.247	4.000	160.177	-2.00	4.029	160.133	-150.00
-4.242	159.964	-150.00	-4.000	160.326	-2.00	850+0.000	160.406	160.104	0.302	4.000	160.326	-2.00	4.060	160.237	-150.00
-4.285	160.048	-150.00	-4.000	160.476	-2.00	851+0.000	160.556	160.189	0.367	4.000	160.476	-2.00	4.101	160.324	-150.00
-4.313	160.235	-150.00	-4.000	160.705	-2.00	852+0.000	160.785	160.399	0.386	4.000	160.705	-2.00	4.099	160.556	-150.00
-4.282	160.804	-150.00	-4.000	161.228	-2.00	853+0.000	161.308	160.950	0.358	4.000	161.228	-2.00	4.092	161.090	-150.00
-4.288	161.323	-150.00	-4.000	161.755	-2.00	854+0.000	161.835	161.492	0.342	4.000	161.755	-2.00	4.068	161.653	-150.00
-4.356	161.747	-150.00	-4.000	162.281	-2.00	855+0.000	162.361	161.933	0.428	4.000	162.281	-2.00	4.115	162.109	-150.00
-4.360	162.268	-150.00	-4.000	162.808	-2.00	856+0.000	162.888	162.480	0.408	4.000	162.808	-2.00	4.089	162.674	-150.00
-4.250	162.520	-150.00	-4.000	162.895	-2.00	857+0.000	162.975	162.715	0.260	4.000	162.895	-2.00	4.030	162.850	-150.00
-4.210	162.583	-150.00	-4.000	162.897	-2.00	858+0.000	162.977	162.701	0.277	4.000	162.897	-2.00	4.024	162.862	-150.00
-4.269	162.496	-150.00	-4.000	162.900	-2.00	859+0.000	162.980	162.580	0.400	4.000	162.900	-2.00	4.159	162.662	-150.00
-4.208	162.281	-150.00	-4.000	162.594	-2.00	860+0.000	162.674	162.332	0.341	4.000	162.594	-2.00	4.142	162.381	-150.00
-4.215	161.596	-150.00	-4.000	161.918	-2.00	861+0.000	161.998	161.651	0.348	4.000	161.918	-2.00	4.143	161.704	-150.00
-4.264	160.843	-150.00	-4.000	161.239	-2.00	862+0.000	161.319	160.889	0.430	4.000	161.239	-2.00	4.208	160.926	-150.00
-4.317	160.084	-150.00	-4.000	160.560	-2.00	863+0.000	160.640	160.140	0.500	4.000	160.560	-2.00	4.257	160.174	-150.00
-4.373	159.321	-150.00	-4.000	159.880	-2.00	864+0.000	159.960	159.377	0.583	4.000	159.880	-2.00	4.298	159.433	-150.00
-4.342	158.688	-150.00	-4.000	159.201	-2.00	865+0.000	159.281	158.740	0.541	4.000	159.201	-2.00	4.278	158.784	-150.00
-4.359	157.983	-150.00	-4.000	158.521	-2.00	866+0.000	158.601	158.070	0.532	4.000	158.521	-2.00	4.238	158.164	-150.00
-4.304	157.385	-150.00	-4.000	157.842	-2.00	867+0.000	157.922	157.492	0.430	4.000	157.842	-2.00	4.159	157.604	-150.00
-4.310	156.922	-150.00	-4.000	157.387	-2.00	868+0.000	157.467	157.048	0.419	4.000	157.387	-2.00	4.152	157.159	-150.00
-4.389	156.536	-150.00	-4.000	157.120	-2.00	869+0.000	157.200	156.650	0.550	4.000	157.120	-2.00	4.229	156.776	-150.00
-4.300	156.408	-150.00	-4.000	156.858	-2.00	870+0.000	156.938	156.529	0.409	4.000	156.858	-2.00	4.151	156.632	-150.00
-4.275	156.347	-150.00	-4.000	156.760	-2.00	871+0.000	156.840	156.457	0.383	4.000	156.760	-2.00	4.127	156.569	-150.00
-4.343	156.380	-150.00	-4.000	156.894	-2.00	872+0.000	156.974	156.508	0.465	4.000	156.894	-2.00	4.169	156.639	-150.00
-4.342	156.584	-150.00	-4.000	157.098	-2.00	873+0.000	157.178	156.710	0.469	4.000	157.098	-2.00	4.179	156.830	-150.00
-4.320	156.831	-150.00	-4.000	157.311	-2.00	874+0.000	157.391	156.938	0.453	4.000	157.311	-2.00	4.180	157.041	-150.00
-4.282	157.177	-150.00	-4.000	157.600	-2.00	875+0.000	157.680	157.275	0.405	4.000	157.600	-2.00	4.153	157.370	-150.00
-4.275	157.568	-150.00	-4.000	157.981	-2.00	876+0.000	158.061	157.657	0.403	4.000	157.981	-2.00	4.157	157.744	-150.00
-4.262	158.059	-150.00	-4.000	158.452	-2.00	877+0.000	158.532	158.132	0.400	4.000	158.452	-2.00	4.165	158.205	-150.00
-4.253	158.635	-150.00	-4.000	159.014	-2.00	878+0.000	159.094	158.689	0.405	4.000	159.014	-2.00	4.181	158.742	-150.00
-4.256	159.268	-150.00	-4.000	159.652	-2.00	879+0.000	159.732	159.298	0.434	4.000	159.652	-2.00	4.216	159.328	-150.00
-4.213	159.978	-150.00	-4.000	160.298	-2.00	880+0.000	160.378	159.973	0.405	4.000	160.298	-2.00	4.221	159.965	-150.00
-4.211	160.627	-150.00	-4.000	160.943	-2.00	881+0.000	161.023	160.606	0.417	4.000	160.943	-2.00	4.238	160.586	-150.00
-4.195	161.295	-150.00	-4.000	161.588	-2.00	882+0.000	161.668	161.262	0.407	4.000	161.588	-2.00	4.242	161.225	-150.00
-4.203	161.930	-150.00	-4.000	162.234	-2.00	883+0.000	162.314	161.877	0.437	4.000	162.234	-2.00	4.265	161.836	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPRO
Secretaria de Obras (Secid)

-4.176	162.616	-150.00	-4.000	162.879	-2.00	884+0.000	162.959	162.556	0.403	4.000	162.879	-2.00	4.261	162.488	-150.00
-4.163	163.218	-150.00	-4.000	163.462	-2.00	885+0.000	163.542	163.140	0.402	4.000	163.462	-2.00	4.268	163.061	-150.00
-4.168	163.757	-150.00	-4.000	164.009	-2.00	886+0.000	164.089	163.687	0.402	4.000	164.009	-2.00	4.266	163.610	-150.00
-4.147	164.177	-150.00	-4.000	164.397	-2.00	887+0.000	164.477	164.098	0.378	4.000	164.397	-2.00	4.252	164.018	-150.00
-4.179	164.476	-150.00	-4.000	164.745	-2.00	888+0.000	164.825	164.423	0.402	4.000	164.745	-2.00	4.262	164.352	-150.00
-4.172	164.653	-150.00	-4.000	164.910	-2.00	889+0.000	164.990	164.583	0.407	4.000	164.910	-2.00	4.261	164.519	-150.00
-4.179	164.795	-150.00	-4.000	165.064	-2.00	890+0.000	165.144	164.734	0.410	4.000	165.064	-2.00	4.263	164.669	-150.00
-4.245	164.712	-150.00	-4.000	165.079	-2.00	891+0.000	165.159	164.674	0.486	4.000	165.079	-2.00	4.296	164.635	-150.00
-4.258	164.694	-150.00	-4.000	165.082	-2.00	892+0.000	165.162	164.654	0.508	4.000	165.082	-2.00	4.313	164.613	-150.00
-4.284	164.658	-150.00	-4.000	165.084	-2.00	893+0.000	165.164	164.638	0.527	4.000	165.084	-2.00	4.312	164.617	-150.00
-4.209	164.773	-150.00	-4.000	165.087	-2.00	894+0.000	165.167	164.745	0.421	4.000	165.087	-2.00	4.250	164.711	-150.00
-4.175	164.921	-150.00	-4.000	165.183	-2.00	895+0.000	165.263	164.891	0.372	4.000	165.183	-2.00	4.230	164.837	-150.00
-4.197	164.974	-150.00	-4.000	165.270	-2.00	896+0.000	165.350	164.950	0.400	4.000	165.270	-2.00	4.231	164.924	-150.00
-4.182	165.006	-150.00	-4.000	165.280	-2.00	897+0.000	165.360	164.977	0.382	4.000	165.280	-2.00	4.221	164.948	-150.00
-4.200	164.908	-150.00	-4.000	165.208	-2.00	898+0.000	165.288	164.918	0.370	4.000	165.208	-2.00	4.191	164.922	-150.00
-4.222	164.722	-150.00	-4.000	165.055	-2.00	899+0.000	165.135	164.718	0.417	4.000	165.055	-2.00	4.228	164.714	-150.00
-4.253	164.422	-150.00	-4.000	164.802	-2.00	900+0.000	164.882	164.476	0.406	4.000	164.802	-2.00	4.187	164.521	-150.00
-4.232	163.843	-150.00	-4.000	164.191	-2.00	901+0.000	164.271	163.862	0.409	4.000	164.191	-2.00	4.184	163.915	-150.00
-4.235	163.207	-150.00	-4.000	163.559	-2.00	902+0.000	163.639	163.237	0.402	4.000	163.559	-2.00	4.187	163.279	-150.00
-4.194	162.275	-150.00	-4.000	162.565	-2.00	903+0.000	162.645	162.283	0.362	4.000	162.565	-2.00	4.163	162.320	-150.00
-4.143	161.232	-150.00	-4.000	161.447	-2.00	904+0.000	161.527	161.269	0.258	4.000	161.447	-2.00	4.104	161.292	-150.00
-4.091	160.194	-150.00	-4.000	160.329	-2.00	905+0.000	160.409	160.126	0.283	4.000	160.329	-2.00	4.181	160.058	-150.00
-4.128	159.019	-150.00	-4.000	159.211	-2.00	906+0.000	159.291	158.955	0.336	4.000	159.211	-2.00	4.212	158.893	-150.00
-4.180	157.824	-150.00	-4.000	158.093	-2.00	907+0.000	158.173	157.736	0.438	4.000	158.093	-2.00	4.274	157.682	-150.00
-4.154	156.744	-150.00	-4.000	156.975	-2.00	908+0.000	157.055	156.658	0.398	4.000	156.975	-2.00	4.271	156.569	-150.00
-4.213	155.752	-150.00	-4.000	156.072	-2.00	909+0.000	156.152	155.712	0.441	4.000	156.072	-2.00	4.268	155.670	-150.00
-4.294	155.018	-150.00	-4.000	155.459	-2.00	910+0.000	155.539	154.931	0.608	4.000	155.459	-2.00	4.412	154.842	-150.00
-4.274	154.438	-150.00	-4.000	154.849	-2.00	911+0.000	154.929	154.395	0.534	4.000	154.849	-2.00	4.332	154.351	-150.00
-4.201	153.937	-150.00	-4.000	154.239	-2.00	912+0.000	154.319	153.907	0.413	4.000	154.239	-2.00	4.248	153.867	-150.00
-4.280	153.210	-150.00	-4.000	153.629	-2.00	913+0.000	153.709	153.234	0.475	4.000	153.629	-2.00	4.207	153.319	-150.00
-4.279	152.600	-150.00	-4.000	153.019	-2.00	914+0.000	153.099	152.651	0.448	4.000	153.019	-2.00	4.159	152.781	-150.00
-4.305	151.952	-150.00	-4.000	152.409	-2.00	915+0.000	152.489	152.075	0.414	4.000	152.409	-2.00	4.143	152.195	-150.00
-4.232	151.157	-150.00	-4.000	151.505	-2.00	916+0.000	151.585	151.340	0.245	4.000	151.505	-2.00	4.015	151.515	66.67
-4.254	150.039	-150.00	-4.000	150.420	-2.00	917+0.000	150.500	150.290	0.210	4.000	150.420	-2.00	4.173	150.536	66.67
-4.304	148.931	-150.00	-4.000	149.386	-2.00	918+0.000	149.466	149.160	0.306	4.000	149.386	-2.00	4.067	149.431	66.67
-4.239	148.195	-150.00	-4.000	148.554	-2.00	919+0.000	148.634	148.441	0.193	4.000	148.554	-2.00	4.196	148.685	66.67
-4.344	147.206	-150.00	-4.000	147.722	-2.00	920+0.000	147.802	147.431	0.372	4.000	147.722	-2.00			
-4.535	146.262	-150.00	-4.000	147.065	-2.00	921+0.000	147.145	146.639	0.506	4.000	147.065	-2.00	4.059	146.976	-150.00
-4.421	145.863	-150.00	-4.000	146.495	-2.00	922+0.000	146.575	146.174	0.401	4.000	146.495	-2.00	4.021	146.509	66.67
-4.460	145.425	-150.00	-4.000	146.115	-2.00	923+0.000	146.195	145.856	0.339	4.000	146.115	-2.00	4.234	146.271	66.67
-4.388	145.225	-150.00	-4.000	145.807	-2.00	924+0.000	145.887	145.649	0.238	4.000	145.807	-2.00	4.400	146.074	66.67
-4.512	144.732	-150.00	-4.000	145.500	-2.00	925+0.000	145.580	145.157	0.423	4.000	145.500	-2.00	4.211	145.641	66.67
-4.550	144.256	-150.00	-4.000	145.082	-2.00	926+0.000	145.162	144.754	0.407	4.000	145.082	-2.00	4.193	145.211	66.67
-4.551	143.493	-150.00	-4.000	144.320	-2.00	927+0.000	144.400	143.993	0.407	4.000	144.320	-2.00	4.230	144.473	66.67
-4.518	142.496	-150.00	-4.000	143.273	-2.00	928+0.000	143.353	143.015	0.339	4.000	143.273	-2.00	4.363	143.515	66.67
-4.373	141.432	-150.00	-4.000	141.992	-2.00	929+0.000	142.072	141.921	0.151	4.000	141.992	-2.00	4.667	142.436	66.67
-4.424	140.075	-150.00	-4.000	140.710	-2.00	930+0.000	140.790	140.579	0.211	4.000	140.710	-2.00	4.637	141.135	66.67
-4.479	138.710	-150.00	-4.000	139.429	-2.00	931+0.000	139.509	139.237	0.272	4.000	139.429	-2.00	4.508	139.767	66.67
-4.394	137.556	-150.00	-4.000	138.147	-2.00	932+0.000	138.227	137.824	0.403	4.000	138.147	-2.00	4.284	138.336	66.67
-4.419	136.451	-150.00	-4.000	137.080	-2.00	933+0.000	137.160	136.757	0.403	4.000	137.080	-2.00	4.029	137.036	-150.00
-4.400	135.363	-150.00	-4.000	135.962	-2.00	934+0.000	136.042	135.641	0.401	4.000	135.962	-2.00	4.043	135.897	-150.00
-4.391	134.081	-150.00	-4.000	134.667	-2.00	935+0.000	134.747	134.360	0.387	4.000	134.667	-2.00	4.024	134.631	-150.00
-4.273	132.963	-150.00	-4.000	133.372	-2.00	936+0.000	133.452	133.091	0.360	4.000	133.372	-2.00			
-4.232	132.194	-150.00	-4.000	132.542	-2.00	937+0.000	132.622	132.232	0.389	4.000	132.542	-2.00	4.181	132.271	-150.00
-4.179	131.651	-150.00	-4.000	131.920	-2.00	938+0.000	132.000	131.742	0.257	4.000	131.920	-2.00	4.059	131.830	-150.00
-4.194	131.042	-150.00	-4.000	131.334	-2.00	939+0.000	131.414	131.025	0.389	4.000	131.334	-2.00	4.177	131.068	-150.00
-4.113	130.757	-150.00	-4.000	130.927	-2.00	940+0.000	131.007	130.763	0.244	4.000	130.927	-2.00	4.106	130.768	-150.00
-4.222	130.138	-150.00	-4.000	130.471	-2.00	941+0.000	130.551	130.152	0.398	4.000	130.471	-2.00	4.203	130.166	-150.00
-4.170	129.386	-150.00	-4.000	129.640	-2.00	942+0.000	129.720	129.351	0.369	4.000	129.640	-2.00	4.216	129.316	-150.00
-4.229	128.439	-150.00	-4.000	128.783	-2.00	943+0.000	128.863	128.405	0.458	4.000	128.783	-2.00	4.268	128.381	-150.00
-4.228	127.589	-150.00	-4.000	127.932	-2.00	944+0.000	128.012	127.566	0.446	4.000	127.932	-2.00	4.259	127.543	-150.00
-4.210	126.837	-150.00	-4.000	127.152	-2.00	945+0.000	127.232	126.814	0.418	4.000	127.152	-2.00	4.240	126.792	-150.00
-4.205	126.155	-150.00	-4.000	126.462	-2.00	946+0.000	126.542	126.144	0.398	4.000	126.462	-2.00	4.215	126.139	-150.00
-4.213	125.542	-150.00	-4.000	125.862	-2.00	947+0.000	125.942	125.527	0.415	4.000	125.862	-2.00	4.234	125.511	-150.00
-4.258	124.962	-150.00	-4.000	125.349	-2.00	948+0.000	125.429	124.958	0.471	4.000	125.349	-2.00	4.263	124.955	-150.00
-4.217	124.539	-150.00	-4.000	124.865	-2.00	949+0.000	124.945	124.486	0.459	4.000	124.865	-2.00	4.290	124.431	-150.00
-4.178	124.114	-150.00	-4.000	124.381	-2.00	950+0.000	124.461	124.048	0.412	4.000	124.381	-2.00	4.248	124.009	-150.00
-4.191	123.609	-150.00	-4.000	123.896	-2.00	951+0.000	123.976	123.595	0.381	4.000	123.896	-2.00	4.164	123.650	-150.00
-4.254	122.880	-150.00	-4.000	123.261	-2.00	952+0.000	123.341	122.895	0.446	4.000	123.261	-2.00	4.214	122.939	-150.00
-4.298	122.159	-150.00	-4.000	122.606	-2.00	953+0.000	122.686	122.212	0.475	4.000	122.606	-2.00	4.231	122.260	-150.00
-4.344	121.435	-150.00	-4.000	121.952	-2.00	954+0.000	122.032	121.460	0.572	4.000	121.952	-2.00	4.287	121.520	-150.00
-4.372	120.739	-150.00	-4.000	121.297	-2.00	955+0.000	121.377	120.793	0.584	4.000	121.297	-2.00	4.301	120.846	-150.00
-4.339	120.134	-150.00	-4.000	120.642	-2.00	956+0.000	120.722	120.191	0.531	4.000	120.642	-2.00	4.263	120.247	-150.00
-4.305	119.530	-150.00	-4.000	119.987	-2.00	957+0.000	120.067	119.581	0.487	4.000	119.987	-2.00	4.238	119.630	-150.00
-4.237	118.977	-150.00	-4.000	119.332	-2.00	958+0.000	119.412	118.981	0.432	4.000	119.332	-2.00	4.217	119.007	-150.00
-4.226	118.338	-150.00	-4.000	118.678	-2.00	959+0.000	118.758	118.339	0.419	4.000	118.678	-2.00	4.225	118.340	-150.00
-4.202	117.617	-150.00	-4.000	117.921	-2.00	960+0.000	118.001	117.605	0.396	4.000	117.921	-2.00	4.219	117.592	-150.00
-4.187	116.747	-150.00	-4.000	117.027	-2.00	961+0.000	117.107	116.733	0.374	4.000	117.027	-2.00	4.206	116.718	-150.00
-4.175	115.871	-150.00	-4.000	116.134	-2.00	962+0.000	116.214	115.841	0.373	4.000	116.134	-2.00	4.207	115.824	-150.00
-4.182	115.053	-150.00	-4.000	115.327	-2.00	963+0.000	115.407	115.009	0.398	4.000	115.327	-2.00	4.211	115.010	-150.00
-4.189	114.476	-150.00	-4.000	114.760	-2.00	964+0.000	114.840	114.459	0.381	4.000	114.760	-2.00	4.213	114.440	-150.00

Osvaldo Leôncio da Silv
Diretor da Unidade de Proje
Projetos e Obras - DIOP/
Secretaria de Estado

-4.200	113.995	-150.00	-4.000	114.295	-2.00	965+0.000	114.375	113.981	0.394	4.000	114.295	-2.00	4.218	113.968	-150.00
-4.209	113.603	-150.00	-4.000	113.917	-2.00	966-0.000	113.997	113.598	0.399	4.000	113.917	-2.00	4.216	113.593	-150.00
-4.207	113.402	-150.00	-4.000	113.712	-2.00	967+0.000	113.792	113.397	0.395	4.000	113.712	-2.00	4.197	113.417	-150.00
-4.208	113.269	-150.00	-4.000	113.581	-2.00	968+0.000	113.661	113.268	0.393	4.000	113.581	-2.00	4.196	113.287	-150.00
-4.216	113.199	-150.00	-4.000	113.523	-2.00	969+0.000	113.603	113.208	0.394	4.000	113.523	-2.00	4.204	113.216	-150.00
-4.156	113.421	-150.00	-4.000	113.655	-2.00	970+0.000	113.735	113.367	0.368	4.000	113.655	-2.00	4.229	113.311	-150.00
-4.161	113.606	-150.00	-4.000	113.848	-2.00	971+0.000	113.928	113.546	0.383	4.000	113.848	-2.00	4.235	113.495	-150.00
-4.162	113.798	-150.00	-4.000	114.041	-2.00	972-0.000	114.121	113.715	0.406	4.000	114.041	-2.00	4.274	113.630	-150.00
-4.091	113.905	-150.00	-4.000	114.041	-2.00	973+0.000	114.121	113.783	0.338	4.000	114.041	-2.00	4.225	113.704	-150.00
-4.009	113.965	-150.00	-4.000	113.979	-2.00	974+0.000	114.059	113.857	0.202	4.000	113.979	-2.00	4.156	113.745	-150.00
-4.125	113.729	-150.00	-4.000	113.916	-2.00	975-0.000	113.996	113.639	0.357	4.000	113.916	-2.00	4.247	113.546	-150.00
-4.140	113.644	-150.00	-4.000	113.854	-2.00	976-0.000	113.934	113.549	0.386	4.000	113.854	-2.00	4.269	113.451	-150.00
-4.155	113.631	-150.00	-4.000	113.864	-2.00	977-0.000	113.944	113.544	0.400	4.000	113.864	-2.00	4.300	113.415	-150.00
-4.132	113.945	-150.00	-4.000	114.143	-2.00	978+0.000	114.223	113.837	0.386	4.000	114.143	-2.00	4.299	113.694	-150.00
-4.111	114.490	-150.00	-4.000	114.656	-2.00	979+0.000	114.736	114.335	0.401	4.000	114.656	-2.00	4.323	114.171	-150.00
-4.118	115.134	-150.00	-4.000	115.311	-2.00	980+0.000	115.391	114.978	0.413	4.000	115.311	-2.00	4.331	114.814	-150.00
-4.107	115.799	-150.00	-4.000	115.960	-2.00	981+0.000	116.040	115.644	0.396	4.000	115.960	-2.00	4.334	115.458	-150.00
-4.141	116.102	-150.00	-4.000	116.314	-2.00	982+0.000	116.394	115.927	0.467	4.000	116.314	-2.00	4.381	115.742	-150.00
-4.087	116.076	-150.00	-4.000	116.208	-2.00	983+0.000	116.288	115.875	0.413	4.000	116.208	-2.00	4.366	115.659	-150.00
-4.128	115.500	-150.00	-4.000	115.692	-2.00	984+0.000	115.772	115.290	0.481	4.000	115.692	-2.00	4.401	115.089	-150.00
-4.084	114.888	-150.00	-4.000	115.014	-2.00	985+0.000	115.094	114.688	0.406	4.000	115.014	-2.00	4.361	114.472	-150.00
-4.077	114.150	-150.00	-4.000	114.265	-2.00	986-0.000	114.345	113.947	0.399	4.000	114.265	-2.00	4.357	113.729	-150.00
-4.055	113.665	-150.00	-4.000	113.747	-2.00	987+0.000	113.827	113.444	0.383	4.000	113.747	-2.00	4.339	113.238	-150.00
-4.064	113.329	-150.00	-4.000	113.425	-2.00	988-0.000	113.505	113.106	0.399	4.000	113.425	-2.00	4.351	112.899	-150.00
-4.106	113.306	-150.00	-4.000	113.464	-2.00	989-0.000	113.544	113.105	0.439	4.000	113.464	-2.00	4.383	112.890	-150.00
-4.094	113.362	-150.00	-4.000	113.503	-2.00	990-0.000	113.583	113.159	0.424	4.000	113.503	-2.00	4.374	112.942	-150.00
-4.079	113.373	-150.00	-4.000	113.492	-2.00	991+0.000	113.572	113.169	0.403	4.000	113.492	-2.00	4.361	112.951	-150.00
-4.023	113.238	-150.00	-4.000	113.273	-2.00	992+0.000	113.353	113.020	0.333	4.000	113.273	-2.00	4.325	112.785	-150.00
-4.079	113.094	66.67	-4.000	113.041	-2.00	993+0.000	113.121	112.875	0.246	4.000	113.041	-2.00	4.263	112.647	-150.00
-4.019	112.780	-150.00	-4.000	112.809	-2.00	994+0.000	112.889	112.603	0.286	4.000	112.809	-2.00	4.262	112.416	-150.00
-4.102	112.423	-150.00	-4.000	112.577	-2.00	995+0.000	112.657	112.278	0.379	4.000	112.577	-2.00	4.301	112.125	-150.00
-4.167	112.095	-150.00	-4.000	112.345	-2.00	996+0.000	112.425	112.000	0.424	4.000	112.345	-2.00	4.294	111.903	-150.00
-4.123	111.929	-150.00	-4.000	112.113	-2.00	997+0.000	112.193	111.835	0.357	4.000	112.113	-2.00	4.244	111.746	-150.00
-4.182	111.607	-150.00	-4.000	111.880	-2.00	998-0.000	111.960	111.568	0.393	4.000	111.880	-2.00	4.231	111.534	-150.00
-4.237	111.272	-150.00	-4.000	111.627	-2.00	999-0.000	111.707	111.247	0.461	4.000	111.627	-2.00	4.271	111.221	-150.00
-4.266	110.886	-150.00	-4.000	111.285	-2.00	1000+0.000	111.365	110.896	0.469	4.000	111.285	-2.00	4.253	110.905	-150.00
-4.283	110.391	-150.00	-4.000	110.815	-2.00	1001+0.000	110.895	110.415	0.481	4.000	110.815	-2.00	4.248	110.444	-150.00
-4.215	109.848	-150.00	-4.000	110.171	-2.00	1002+0.000	110.251	109.888	0.363	4.000	110.171	-2.00	4.162	109.927	-150.00
-4.209	109.218	-150.00	-4.000	109.531	-2.00	1003+0.000	109.611	109.272	0.339	4.000	109.531	-2.00	4.138	109.325	-150.00
-4.206	108.823	-150.00	-4.000	109.133	-2.00	1004+0.000	109.213	108.862	0.351	4.000	109.133	-2.00	4.156	108.899	-150.00
-4.249	108.618	-150.00	-4.000	108.992	-2.00	1005+0.000	109.072	108.579	0.493	4.000	108.992	-2.00	4.257	108.606	-150.00
-4.181	108.839	-150.00	-4.000	109.110	-2.00	1006+0.000	109.190	108.751	0.438	4.000	109.110	-2.00	4.285	108.682	-150.00
-4.158	109.248	-150.00	-4.000	109.486	-2.00	1007+0.000	109.566	109.113	0.453	4.000	109.486	-2.00	4.343	108.971	-150.00
-4.110	109.955	-150.00	-4.000	110.120	-2.00	1008+0.000	110.200	109.819	0.381	4.000	110.120	-2.00	4.306	109.661	-150.00
-4.033	110.963	-150.00	-4.000	111.011	-2.00	1009+0.000	111.091	110.715	0.376	4.000	111.011	-2.00	4.336	110.507	-150.00
-4.069	112.058	-150.00	-4.000	112.161	-2.00	1010+0.000	112.241	111.783	0.459	4.000	112.161	-2.00	4.453	111.482	-150.00
-4.009	113.556	-150.00	-4.000	113.570	-2.00	1011+0.000	113.650	113.218	0.432	4.000	113.570	-2.00	4.481	112.849	-150.00
-4.036	115.102	-150.00	-4.000	115.156	-2.00	1012+0.000	115.236	114.712	0.524	4.000	115.156	-2.00	4.554	114.326	-150.00
-4.398	116.732	66.67	-4.000	116.467	-2.00	1013+0.000	116.547	116.195	0.352	4.000	116.467	-2.00	4.551	115.640	-150.00
-4.417	117.263	66.67	-4.000	116.985	-2.00	1014+0.000	117.065	116.676	0.389	4.000	116.985	-2.00	4.615	116.062	-150.00
-4.700	117.645	66.67	-4.000	117.178	-2.00	1015+0.000	117.258	117.022	0.236	4.000	117.178	-2.00	4.502	116.426	-150.00
-4.355	117.385	66.67	-4.000	117.148	-2.00	1016+0.000	117.228	116.825	0.403	4.000	117.148	-2.00	4.613	116.228	-150.00
-4.314	116.524	66.67	-4.000	116.315	-2.00	1017+0.000	116.395	116.031	0.364	4.000	116.315	-2.00	4.546	115.496	-150.00
-4.293	115.447	66.67	-4.000	115.252	-2.00	1018+0.000	115.332	114.997	0.335	4.000	115.252	-2.00	4.483	114.526	-150.00
-4.035	114.220	-150.00	-4.000	114.273	-2.00	1019+0.000	114.353	113.819	0.534	4.000	114.273	-2.00	4.564	113.427	-150.00
-4.203	114.058	66.67	-4.000	113.923	-2.00	1020+0.000	114.003	113.762	0.241	4.000	113.923	-2.00	4.307	113.463	-150.00
-4.025	114.260	-150.00	-4.000	114.297	-2.00	1021+0.000	114.377	113.993	0.384	4.000	114.297	-2.00	4.397	113.701	-150.00
-4.093	114.881	-150.00	-4.000	115.020	-2.00	1022+0.000	115.100	114.638	0.462	4.000	115.020	-2.00	4.430	114.374	-150.00
-4.116	115.465	-150.00	-4.000	115.638	-2.00	1023+0.000	115.718	115.308	0.410	4.000	115.638	-2.00	4.343	115.124	-150.00
-4.084	116.141	-150.00	-4.000	116.267	-2.00	1024+0.000	116.347	115.937	0.410	4.000	116.267	-2.00	4.330	115.772	-150.00
-4.132	116.756	-150.00	-4.000	116.954	-2.00	1025+0.000	117.034	116.650	0.384	4.000	116.954	-2.00	4.276	116.540	-150.00
-4.130	117.446	-150.00	-4.000	117.640	-2.00	1026+0.000	117.720	117.320	0.400	4.000	117.640	-2.00	4.301	117.189	-150.00
-4.103	117.928	-150.00	-4.000	118.083	-2.00	1027+0.000	118.163	117.818	0.345	4.000	118.083	-2.00	4.222	117.750	-150.00
-4.132	118.327	-150.00	-4.000	118.525	-2.00	1028+0.000	118.605	118.232	0.373	4.000	118.525	-2.00	4.260	118.135	-150.00
-4.154	118.682	-150.00	-4.000	118.913	-2.00	1029+0.000	118.993	118.574	0.419	4.000	118.913	-2.00	4.291	118.476	-150.00
-4.143	119.080	-150.00	-4.000	119.294	-2.00	1030+0.000	119.374	118.991	0.383	4.000	119.294	-2.00	4.308	118.831	-150.00
-4.105	119.377	-150.00	-4.000	119.535	-2.00	1031+0.000	119.615	119.200	0.415	4.000	119.535	-2.00	4.349	119.011	-150.00
-4.115	119.564	-150.00	-4.000	119.737	-2.00	1032+0.000	119.817	119.386	0.431	4.000	119.737	-2.00	4.358	119.200	-150.00
-4.118	119.754	-150.00	-4.000	119.930	-2.00	1033+0.000	120.010	119.571	0.439	4.000	119.930	-2.00	4.368	119.377	-150.00
-4.135	119.904	-150.00	-4.000	120.106	-2.00	1034+0.000	120.186	119.718	0.468	4.000	120.106	-2.00	4.397	119.511	-150.00
-4.107	120.113	-150.00	-4.000	120.273	-2.00	1035+0.000	120.353	119.953	0.400	4.000	120.273	-2.00	4.326	119.785	-150.00
-4.120	120.351	-150.00	-4.000	120.531	-2.00	1036+0.000	120.611	120.221	0.390	4.000	120.531	-2.00	4.306	120.072	-150.00
-4.119	120.611	-150.00	-4.000	120.789	-2.00	1037+0.000	120.869	120.475	0.394	4.000	120.789	-2.00	4.305	120.331	-150.00
-4.119	120.868	-150.00	-4.000	121.046	-2.00	1038+0.000	121.126	120.724	0.402	4.000	121.046	-2.00	4.315	120.574	-150.00
-4.120	121.124	-150.00	-4.000	121.304	-2.00	1039+0.000	121.384	120.984	0.400	4.000	121.304	-2.00	4.312	120.835	-150.00
-4.089	121.127	-150.00	-4.000	121.261	-2.00	1040+0.000	121.341	120.959	0.382	4.000	121.261	-2.00	4.316	120.787	-150.00
-4.104	121.063	-150.00	-4.000	121.218	-2.00	1041+0.000	121.298	120.900	0.398	4.000	121.218	-2.00	4.322	120.734	-150.00
-4.098	120.816	-150.00	-4.000	120.963	-2.00	1042+0.000	121.043	120.631	0.412	4.000	120.963	-2.00	4.352	120.434	-150.00
-4.085	120.381	-150.00	-4.000	120.508	-2.00	1043+0.000	120.588	120.180	0.409	4.000	120.508	-2.00	4.363	119.965	-150.00
-4.083	119.786	-150.00	-4.000	119.911	-2.00	1044+0.000	119.991	119.577	0.414	4.000	119.911	-2.00	4.367	119.360	-150.00
-4.107	119.123	-150.00	-4.000	119.283	-2.00	1045+0.000	119.363	118.926	0.437	4.000	119.283	-2.00	4.378	118.716	-150.00

Osvaldo Leôncio da Silva
Diretor da Unidade de Progr...
Projetos e Obras - DUPRO
Secretaria das Cidades (Secid)

-4.107	118.495	-150.00	-4.000	118.656	-2.00	1046+0.000	118.736	118.299	0.437	4.000	118.656	-2.00	4.374	118.094	-150.00
-4.121	117.889	-150.00	-4.000	118.071	-2.00	1047+0.000	118.151	117.703	0.448	4.000	118.071	-2.00	4.377	117.506	-150.00
-4.155	117.448	-150.00	-4.000	117.680	-2.00	1048+0.000	117.760	117.317	0.443	4.000	117.680	-2.00	4.328	117.189	-150.00
-4.077	117.382	-150.00	-4.000	117.497	-2.00	1049+0.000	117.577	117.221	0.356	4.000	117.497	-2.00	4.299	117.048	-150.00
-4.079	117.354	-150.00	-4.000	117.473	-2.00	1050+0.000	117.553	117.226	0.327	4.000	117.473	-2.00	4.280	117.053	-150.00
-4.120	117.279	-150.00	-4.000	117.459	-2.00	1051+0.000	117.539	117.157	0.382	4.000	117.459	-2.00	4.277	117.044	-150.00
-4.103	117.120	-150.00	-4.000	117.274	-2.00	1052+0.000	117.354	117.012	0.342	4.000	117.274	-2.00	4.250	116.899	-150.00
-4.138	116.869	-150.00	-4.000	117.076	-2.00	1053+0.000	117.156	116.786	0.370	4.000	117.076	-2.00	4.250	116.701	-150.00
-4.158	116.569	-150.00	-4.000	116.806	-2.00	1054+0.000	116.886	116.474	0.412	4.000	116.806	-2.00	4.267	116.405	-150.00
-4.162	116.242	-150.00	-4.000	116.485	-2.00	1055+0.000	116.565	116.164	0.401	4.000	116.485	-2.00	4.267	116.085	-150.00
-4.162	115.957	-150.00	-4.000	116.199	-2.00	1056+0.000	116.279	115.881	0.399	4.000	116.199	-2.00	4.256	115.815	-150.00
-4.207	115.733	-150.00	-4.000	116.044	-2.00	1057+0.000	116.124	115.668	0.455	4.000	116.044	-2.00	4.294	115.602	-150.00
-4.184	115.638	-150.00	-4.000	115.914	-2.00	1058+0.000	115.994	115.576	0.418	4.000	115.914	-2.00	4.267	115.513	-150.00
-4.174	115.624	-150.00	-4.000	115.886	-2.00	1059+0.000	115.966	115.567	0.399	4.000	115.886	-2.00	4.249	115.512	-150.00
-4.227	115.763	-150.00	-4.000	116.103	-2.00	1060+0.000	116.183	115.722	0.461	4.000	116.103	-2.00	4.297	115.658	-150.00
-4.304	115.918	-150.00	-4.000	116.373	-2.00	1061+0.000	116.453	115.916	0.537	4.000	116.373	-2.00	4.321	115.892	-150.00
-4.355	116.111	-150.00	-4.000	116.643	-2.00	1062+0.000	116.723	116.122	0.601	4.000	116.643	-2.00	4.340	116.134	-150.00
-4.263	116.520	-150.00	-4.000	116.914	-2.00	1063+0.000	116.994	116.525	0.469	4.000	116.914	-2.00	4.255	116.530	-150.00
-4.134	117.031	-150.00	-4.000	117.231	-2.00	1064+0.000	117.311	117.040	0.272	4.000	117.231	-2.00	4.122	117.049	-150.00
-4.253	117.598	-150.00	-4.000	117.977	-2.00	1065+0.000	118.057	117.558	0.500	4.000	117.977	-2.00	4.306	117.518	-150.00
-4.290	118.321	-150.00	-4.000	118.756	-2.00	1066+0.000	118.836	118.322	0.514	4.000	118.756	-2.00	4.310	118.292	-150.00
-4.257	119.150	-150.00	-4.000	119.535	-2.00	1067+0.000	119.615	119.115	0.500	4.000	119.535	-2.00	4.303	119.080	-150.00
-4.212	119.944	-150.00	-4.000	120.262	-2.00	1068+0.000	120.342	119.907	0.435	4.000	120.262	-2.00	4.262	119.870	-150.00
-4.168	120.548	-150.00	-4.000	120.800	-2.00	1069+0.000	120.880	120.499	0.381	4.000	120.800	-2.00	4.234	120.449	-150.00
-4.122	120.957	-150.00	-4.000	121.140	-2.00	1070+0.000	121.220	120.896	0.324	4.000	121.140	-2.00	4.204	120.835	-150.00
-4.177	121.019	-150.00	-4.000	121.284	-2.00	1071+0.000	121.364	120.956	0.408	4.000	121.284	-2.00	4.263	120.890	-150.00
-4.188	120.949	-150.00	-4.000	121.231	-2.00	1072+0.000	121.311	120.865	0.447	4.000	121.231	-2.00	4.302	120.778	-150.00
-4.124	120.835	-150.00	-4.000	121.020	-2.00	1073+0.000	121.100	120.717	0.383	4.000	121.020	-2.00	4.259	120.633	-150.00
-4.073	120.743	-150.00	-4.000	120.853	-2.00	1074+0.000	120.933	120.622	0.311	4.000	120.853	-2.00	4.238	120.496	-150.00
-4.108	120.697	-150.00	-4.000	120.860	-2.00	1075+0.000	120.940	120.579	0.360	4.000	120.860	-2.00	4.268	120.457	-150.00
-4.081	120.824	-150.00	-4.000	120.945	-2.00	1076+0.000	121.025	120.682	0.343	4.000	120.945	-2.00	4.274	120.533	-150.00
-4.102	120.892	-150.00	-4.000	121.045	-2.00	1077+0.000	121.125	120.724	0.401	4.000	121.045	-2.00	4.332	120.547	-150.00
-4.125	121.055	-150.00	-4.000	121.243	-2.00	1078+0.000	121.323	120.891	0.432	4.000	121.243	-2.00	4.351	120.717	-150.00
-4.072	121.332	-150.00	-4.000	121.441	-2.00	1079+0.000	121.521	121.097	0.424	4.000	121.441	-2.00	4.345	120.923	-150.00
-4.043	121.359	-150.00	-4.000	121.424	-2.00	1080+0.000	121.504	121.085	0.419	4.000	121.424	-2.00	4.426	120.785	-150.00
-4.185	121.004	-150.00	-4.000	121.282	-2.00	1081+0.000	121.362	120.760	0.602	4.000	121.282	-2.00	4.525	120.495	-150.00
-4.148	120.918	-150.00	-4.000	121.140	-2.00	1082+0.000	121.220	120.659	0.561	4.000	121.140	-2.00	4.500	120.389	-150.00
-4.135	120.830	-150.00	-4.000	121.033	-2.00	1083+0.000	121.113	120.668	0.445	4.000	121.033	-2.00	4.344	120.517	-150.00
-4.040	120.962	-150.00	-4.000	121.022	-2.00	1084+0.000	121.102	120.819	0.284	4.000	121.022	-2.00	4.236	120.668	-150.00
-4.066	120.912	-150.00	-4.000	121.012	-2.00	1085+0.000	121.092	120.781	0.311	4.000	121.012	-2.00	4.246	120.643	-150.00
-4.120	120.822	-150.00	-4.000	121.002	-2.00	1086+0.000	121.082	120.704	0.377	4.000	121.002	-2.00	4.240	120.642	-150.00
-4.248	120.620	-150.00	-4.000	120.992	-2.00	1087+0.000	121.072	120.583	0.488	4.000	120.992	-2.00	4.297	120.546	-150.00
-4.205	120.734	-150.00	-4.000	121.042	-2.00	1088+0.000	121.122	120.735	0.387	4.000	121.042	-2.00	4.205	120.734	-150.00
-4.222	121.079	-150.00	-4.000	121.411	-2.00	1089+0.000	121.491	121.094	0.398	4.000	121.411	-2.00	4.202	121.109	-150.00
-4.250	121.581	-150.00	-4.000	121.957	-2.00	1090+0.000	122.037	121.627	0.410	4.000	121.957	-2.00	4.190	121.671	-150.00
-4.289	122.243	-150.00	-4.000	122.676	-2.00	1091+0.000	122.756	122.291	0.465	4.000	122.676	-2.00	4.225	122.339	-150.00
-4.225	123.060	-150.00	-4.000	123.396	-2.00	1092+0.000	123.476	123.080	0.396	4.000	123.396	-2.00	4.197	123.101	-150.00
-4.209	123.814	-150.00	-4.000	124.127	-2.00	1093+0.000	124.207	123.799	0.408	4.000	124.127	-2.00	4.239	123.769	-150.00
-4.132	124.933	-150.00	-4.000	125.130	-2.00	1094+0.000	125.210	124.842	0.368	4.000	125.130	-2.00	4.254	124.749	-150.00
-4.105	125.987	-150.00	-4.000	126.144	-2.00	1095+0.000	126.224	125.796	0.429	4.000	126.144	-2.00	4.368	125.592	-150.00
-4.048	126.904	-150.00	-4.000	126.976	-2.00	1096+0.000	127.056	126.650	0.405	4.000	126.976	-2.00	4.436	126.322	-150.00
-4.052	127.152	-150.00	-4.000	127.230	-2.00	1097+0.000	127.310	126.770	0.540	4.000	127.230	-2.00	4.528	126.438	-150.00
-4.193	127.591	66.67	-4.000	127.462	-2.00	1098+0.000	127.542	127.139	0.403	4.000	127.462	-2.00	4.542	126.650	-150.00
-4.214	127.600	66.67	-4.000	127.458	-2.00	1099+0.000	127.538	127.157	0.381	4.000	127.458	-2.00	4.517	126.682	-150.00
-4.329	127.657	66.67	-4.000	127.437	-2.00	1100+0.000	127.517	127.131	0.386	4.000	127.437	-2.00	4.533	126.637	-150.00
-4.876	127.868	66.67	-4.000	127.284	-2.00	1101+0.000	127.364	127.318	0.046	4.000	127.284	-2.00	4.300	126.833	-150.00
-4.440	127.257	66.67	-4.000	126.964	-2.00	1102+0.000	127.044	126.782	0.262	4.000	126.964	-2.00	4.439	126.306	-150.00
-4.407	126.749	66.67	-4.000	126.478	-2.00	1103+0.000	126.558	126.225	0.333	4.000	126.478	-2.00	4.514	125.707	-150.00
-4.312	126.095	66.67	-4.000	125.887	-2.00	1104+0.000	125.967	125.698	0.269	4.000	125.887	-2.00	4.396	125.293	-150.00
-4.089	125.161	-150.00	-4.000	125.294	-2.00	1105+0.000	125.374	124.822	0.552	4.000	125.294	-2.00	4.524	124.508	-150.00
-4.094	124.690	-150.00	-4.000	124.830	-2.00	1106+0.000	124.910	124.440	0.470	4.000	124.830	-2.00	4.438	124.173	-150.00
-4.104	124.367	-150.00	-4.000	124.523	-2.00	1107+0.000	124.603	124.165	0.438	4.000	124.523	-2.00	4.383	123.949	-150.00
-4.050	124.173	-150.00	-4.000	124.248	-2.00	1108+0.000	124.328	124.077	0.251	4.000	124.248	-2.00	4.180	123.977	-150.00
-4.246	123.665	-150.00	-4.000	124.034	-2.00	1109+0.000	124.114	123.595	0.519	4.000	124.034	-2.00	4.340	123.524	-150.00
-4.287	123.390	-150.00	-4.000	123.820	-2.00	1110+0.000	123.900	123.455	0.445	4.000	123.820	-2.00	4.207	123.510	-150.00
-4.257	123.221	-150.00	-4.000	123.607	-2.00	1111+0.000	123.687	123.273	0.413	4.000	123.607	-2.00	4.188	123.324	-150.00
-4.305	122.703	-150.00	-4.000	123.161	-2.00	1112+0.000	123.241	122.808	0.432	4.000	123.161	-2.00	4.167	122.910	-150.00
-4.309	122.185	-150.00	-4.000	122.649	-2.00	1113+0.000	122.729	122.273	0.456	4.000	122.649	-2.00	4.194	122.358	-150.00
-4.285	121.879	-150.00	-4.000	122.307	-2.00	1114+0.000	122.387	121.982	0.405	4.000	122.307	-2.00	4.150	122.082	-150.00
-4.313	121.680	-150.00	-4.000	122.150	-2.00	1115+0.000	122.230	121.756	0.474	4.000	122.150	-2.00	4.248	121.777	-150.00
-4.318	121.701	-150.00	-4.000	122.178	-2.00	1116+0.000	122.258	121.781	0.477	4.000	122.178	-2.00	4.213	121.859	-150.00
-4.154	122.160	-150.00	-4.000	122.391	-2.00	1117+0.000	122.471	122.150	0.321	4.000	122.391	-2.00	4.167	122.141	-150.00
-4.185	122.407	-150.00	-4.000	122.684	-2.00	1118+0.000	122.764	122.402	0.363	4.000	122.684	-2.00	4.192	122.397	-150.00
-4.229	122.577	-150.00	-4.000	122.920	-2.00	1119+0.000	123.000	122.558	0.442	4.000	122.920	-2.00	4.246	122.551	-150.00
-4.186	122.765	-150.00	-4.000	123.044	-2.00	1120+0.000	123.124	122.683	0.441	4.000	123.044	-2.00	4.248	122.671	-150.00
-4.173	122.839	-150.00	-4.000	123.099	-2.00	1121+0.000	123.179	122.835	0.344	4.000	123.099	-2.00	4.178	122.832	-150.00
-4.144	122.863	-150.00	-4.000	123.079	-2.00	1122+0.000	123.159	122.777	0.382	4.000	123.079	-2.00	4.259	122.690	-150.00
-4.226	122.645	-150.00	-4.000	122.984	-2.00	1123+0.000	123.064	122.575	0.490	4.000	122.984	-2.00	4.321	122.503	-150.00
-4.239	122.457	-150.00	-4.000	122.815	-2.00	1124+0.000	122.895	122.377	0.518	4.000	122.815	-2.00	4.377	122.250	-150.00
-4.160	122.339	-150.00	-4.000	122.579	-2.00	1125+0.000	122.659	122.209	0.450	4.000	122.579	-2.00	4.337	122.074	-150.00
-4.072	122.224	-150.00	-4.000	122.332	-2.00	1126+0.000	122.412	122.079	0.333	4.000	122.332	-2.00	4.264	121.936	-150.00

Osvaldo Leôncio da Silv
Diretor da Unidade de Progr
Projetos e Obras - CUF
Secretaria

			-4.000	122.120	-2.00	1127+0.000	122.200	121.947	0.253	4.000	122.120	-2.00	4.240	121.760	-150.00
-4.161	122.013	-150.00	-4.000	122.255	-2.00	1128+0.000	122.335	121.795	0.540	4.000	122.255	-2.00	4.410	121.639	-150.00
-4.139	122.599	-150.00	-4.000	122.807	-2.00	1129+0.000	122.887	122.452	0.435	4.000	122.807	-2.00	4.339	122.299	-150.00
-4.105	123.377	-150.00	-4.000	123.534	-2.00	1130+0.000	123.614	123.214	0.400	4.000	123.534	-2.00	4.319	123.055	-150.00
-4.127	124.471	-150.00	-4.000	124.661	-2.00	1131+0.000	124.741	124.319	0.422	4.000	124.661	-2.00	4.325	124.173	-150.00
-4.107	125.646	-150.00	-4.000	125.806	-2.00	1132+0.000	125.886	125.467	0.420	4.000	125.806	-2.00	4.353	125.276	-150.00
-4.129	126.710	-150.00	-4.000	126.904	-2.00	1133+0.000	126.984	126.569	0.415	4.000	126.904	-2.00	4.321	126.422	-150.00
-4.088	127.771	-150.00	-4.000	127.903	-2.00	1134+0.000	127.983	127.508	0.475	4.000	127.903	-2.00	4.378	127.336	-150.00
-4.048	128.681	-150.00	-4.000	128.753	-2.00	1135+0.000	128.833	128.441	0.392	4.000	128.753	-2.00	4.362	128.210	-150.00
-4.275	129.350	66.67	-4.000	129.167	-2.00	1136+0.000	129.247	129.049	0.198	4.000	129.167	-2.00	4.279	128.748	-150.00
-5.186	129.954	66.67	-4.000	129.164	-2.00	1137+0.000	129.244	129.435	-0.191	4.000	129.164	-2.00	4.138	128.957	-150.00
-4.557	129.440	66.67	-4.000	129.069	-2.00	1138+0.000	129.149	128.792	0.357	4.000	129.069	-2.00	4.623	128.134	-150.00
-4.237	129.152	66.67	-4.000	128.994	-2.00	1139+0.000	129.074	128.683	0.391	4.000	128.994	-2.00	4.462	128.301	-150.00
-4.266	129.096	66.67	-4.000	128.918	-2.00	1140+0.000	128.998	128.662	0.336	4.000	128.918	-2.00	4.382	128.345	-150.00
-4.504	129.178	66.67	-4.000	128.842	-2.00	1141+0.000	128.922	128.617	0.304	4.000	128.842	-2.00	4.525	128.054	-150.00
-4.408	129.106	66.67	-4.000	128.834	-2.00	1142+0.000	128.914	128.538	0.376	4.000	128.834	-2.00	4.538	128.027	-150.00
-4.095	128.921	-150.00	-4.000	129.064	-2.00	1143+0.000	129.144	128.761	0.383	4.000	129.064	-2.00	4.309	128.601	-150.00
			-4.000	129.538	-2.00	1144+0.000	129.618	129.369	0.248	4.000	129.538	-2.00	4.231	129.191	-150.00
-4.056	130.071	-150.00	-4.000	130.155	-2.00	1145+0.000	130.235	129.887	0.348	4.000	130.155	-2.00	4.309	129.692	-150.00
-4.069	130.676	-150.00	-4.000	130.779	-2.00	1146+0.000	130.859	130.490	0.369	4.000	130.779	-2.00	4.226	130.440	-150.00
-4.141	131.390	-150.00	-4.000	131.601	-2.00	1147+0.000	131.681	131.392	0.288	4.000	131.601	-2.00	4.137	131.395	-150.00
-4.074	132.317	-150.00	-4.000	132.428	-2.00	1148+0.000	132.508	132.323	0.185	4.000	132.428	-2.00	4.070	132.324	-150.00
-4.108	133.093	-150.00	-4.000	133.255	-2.00	1149+0.000	133.335	133.081	0.255	4.000	133.255	-2.00	4.124	133.069	-150.00
-4.271	133.742	-150.00	-4.000	134.149	-2.00	1150+0.000	134.229	133.846	0.383	4.000	134.149	-2.00	4.076	134.034	-150.00
-4.394	134.755	-150.00	-4.000	135.347	-2.00	1151+0.000	135.427	134.989	0.437	4.000	135.347	-2.00	4.093	135.207	-150.00
-4.285	136.118	-150.00	-4.000	136.545	-2.00	1152+0.000	136.625	136.364	0.260	4.000	136.545	-2.00	4.071	136.592	66.67
-4.356	137.176	-150.00	-4.000	137.709	-2.00	1153+0.000	137.789	137.371	0.418	4.000	137.709	-2.00	4.103	137.555	-150.00
-4.298	137.677	-150.00	-4.000	138.124	-2.00	1154+0.000	138.204	137.768	0.436	4.000	138.124	-2.00	4.178	137.857	-150.00
-4.203	137.900	-150.00	-4.000	138.205	-2.00	1155+0.000	138.285	137.886	0.399	4.000	138.205	-2.00	4.242	137.842	-150.00
-4.141	137.551	-150.00	-4.000	137.763	-2.00	1156+0.000	137.843	137.504	0.339	4.000	137.763	-2.00	4.205	137.456	-150.00
-4.214	136.959	-150.00	-4.000	137.279	-2.00	1157+0.000	137.359	136.912	0.447	4.000	137.279	-2.00	4.276	136.865	-150.00
-4.125	136.560	-150.00	-4.000	136.748	-2.00	1158+0.000	136.828	136.419	0.409	4.000	136.748	-2.00	4.318	136.271	-150.00
-4.123	135.917	-150.00	-4.000	136.101	-2.00	1159+0.000	136.181	135.776	0.405	4.000	136.101	-2.00	4.313	135.631	-150.00
-4.094	135.151	-150.00	-4.000	135.292	-2.00	1160+0.000	135.372	134.975	0.397	4.000	135.292	-2.00	4.307	134.832	-150.00
-4.079	134.258	-150.00	-4.000	134.376	-2.00	1161+0.000	134.456	134.084	0.372	4.000	134.376	-2.00	4.278	133.960	-150.00
-4.081	133.339	-150.00	-4.000	133.460	-2.00	1162+0.000	133.540	133.141	0.398	4.000	133.460	-2.00	4.275	133.047	-150.00
-4.049	132.476	66.67	-4.000	132.444	-2.00	1163+0.000	132.524	132.165	0.358	4.000	132.444	-2.00	4.280	132.023	-150.00
-4.158	131.634	66.67	-4.000	131.528	-2.00	1164+0.000	131.608	131.211	0.397	4.000	131.528	-2.00	4.303	131.074	-150.00
-4.015	130.860	66.67	-4.000	130.850	-2.00	1165+0.000	130.930	130.540	0.390	4.000	130.850	-2.00	4.302	130.398	-150.00
-4.130	131.002	66.67	-4.000	130.915	-2.00	1166+0.000	130.995	130.624	0.372	4.000	130.915	-2.00	4.433	130.266	-150.00
-4.024	131.406	66.67	-4.000	131.390	-2.00	1167+0.000	131.470	131.070	0.400	4.000	131.390	-2.00	4.454	130.708	-150.00
-4.026	131.924	66.67	-4.000	131.907	-2.00	1168+0.000	131.987	131.588	0.398	4.000	131.907	-2.00	4.460	131.217	-150.00
-4.043	132.547	66.67	-4.000	132.518	-2.00	1169+0.000	132.598	132.198	0.400	4.000	132.518	-2.00	4.471	131.812	-150.00
			-4.000	133.157	-2.00	1170+0.000	133.237	132.820	0.417	4.000	133.157	-2.00	4.479	132.439	-150.00
-4.015	133.148	-150.00	-4.000	133.171	-2.00	1171+0.000	133.251	132.877	0.373	4.000	133.171	-2.00	4.393	132.581	-150.00
-4.027	133.050	-150.00	-4.000	133.090	-2.00	1172+0.000	133.170	132.779	0.391	4.000	133.090	-2.00	4.405	132.483	-150.00
-4.024	132.891	-150.00	-4.000	132.927	-2.00	1173+0.000	133.007	132.623	0.384	4.000	132.927	-2.00	4.398	132.331	-150.00
-4.033	132.611	-150.00	-4.000	132.661	-2.00	1174+0.000	132.741	132.341	0.400	4.000	132.661	-2.00	4.413	132.042	-150.00
-4.040	132.278	-150.00	-4.000	132.338	-2.00	1175+0.000	132.418	132.004	0.414	4.000	132.338	-2.00	4.423	131.704	-150.00
-4.056	131.930	-150.00	-4.000	132.014	-2.00	1176+0.000	132.094	131.654	0.440	4.000	132.014	-2.00	4.441	131.352	-150.00
-4.037	131.635	-150.00	-4.000	131.691	-2.00	1177+0.000	131.771	131.357	0.414	4.000	131.691	-2.00	4.425	131.053	-150.00
-4.048	131.394	-150.00	-4.000	131.466	-2.00	1178+0.000	131.546	131.115	0.431	4.000	131.466	-2.00	4.439	130.808	-150.00
-4.126	131.230	-150.00	-4.000	131.418	-2.00	1179+0.000	131.498	130.941	0.558	4.000	131.418	-2.00	4.530	130.623	-150.00
-4.021	131.339	-150.00	-4.000	131.371	-2.00	1180+0.000	131.451	131.034	0.416	4.000	131.371	-2.00	4.449	130.698	-150.00
-4.057	131.442	-150.00	-4.000	131.527	-2.00	1181+0.000	131.607	131.133	0.474	4.000	131.527	-2.00	4.491	130.792	-150.00
-4.076	131.690	-150.00	-4.000	131.803	-2.00	1182+0.000	131.883	131.395	0.488	4.000	131.803	-2.00	4.489	131.070	-150.00
-4.129	131.791	-150.00	-4.000	131.984	-2.00	1183+0.000	132.064	131.525	0.539	4.000	131.984	-2.00	4.499	131.235	-150.00
-4.028	131.894	-150.00	-4.000	131.936	-2.00	1184+0.000	132.016	131.637	0.378	4.000	131.936	-2.00	4.385	131.359	-150.00
-4.005	131.650	-150.00	-4.000	131.658	-2.00	1185+0.000	131.738	131.475	0.263	4.000	131.658	-2.00	4.265	131.261	-150.00
-4.060	131.191	-150.00	-4.000	131.281	-2.00	1186+0.000	131.361	131.013	0.348	4.000	131.281	-2.00	4.304	130.825	-150.00
-4.125	130.580	-150.00	-4.000	130.768	-2.00	1187+0.000	130.848	130.442	0.406	4.000	130.768	-2.00	4.313	130.298	-150.00
-4.139	129.856	-150.00	-4.000	130.064	-2.00	1188+0.000	130.144	129.743	0.401	4.000	130.064	-2.00	4.310	129.599	-150.00
-4.130	128.920	-150.00	-4.000	129.115	-2.00	1189+0.000	129.195	128.825	0.370	4.000	129.115	-2.00	4.259	128.727	-150.00
-4.083	127.959	-150.00	-4.000	128.083	-2.00	1190+0.000	128.163	127.875	0.288	4.000	128.083	-2.00	4.219	127.754	-150.00
-4.091	126.915	-150.00	-4.000	127.051	-2.00	1191+0.000	127.131	126.779	0.353	4.000	127.051	-2.00	4.255	126.669	-150.00
-4.082	125.914	-150.00	-4.000	126.038	-2.00	1192+0.000	126.118	125.712	0.406	4.000	126.038	-2.00	4.326	125.548	-150.00
-4.106	124.872	-150.00	-4.000	125.032	-2.00	1193+0.000	125.112	124.639	0.472	4.000	125.032	-2.00	4.371	124.476	-150.00
			-4.000	124.084	-2.00	1194+0.000	124.164	123.832	0.332	4.000	124.084	-2.00	4.351	123.559	-150.00
-4.048	123.692	-150.00	-4.000	123.765	-2.00	1195+0.000	123.845	123.420	0.424	4.000	123.765	-2.00	4.411	123.148	-150.00
-4.031	123.523	66.67	-4.000	123.503	-2.00	1196+0.000	123.583	123.200	0.383	4.000	123.503	-2.00	4.421	122.871	-150.00
-4.103	123.694	66.67	-4.000	123.625	-2.00	1197+0.000	123.705	123.324	0.381	4.000	123.625	-2.00	4.415	123.002	-150.00
-4.465	124.275	66.67	-4.000	123.965	-2.00	1198+0.000	124.045	123.663	0.383	4.000	123.965	-2.00	4.455	123.283	-150.00
-4.459	124.911	66.67	-4.000	124.605	-2.00	1199+0.000	124.685	124.299	0.386	4.000	124.605	-2.00	4.534	123.804	-150.00
-4.381	126.147	66.67	-4.000	125.893	-2.00	1200+0.000	125.973	125.578	0.396	4.000	125.893	-2.00	4.610	124.978	-150.00
-4.265	127.559	66.67	-4.000	127.382	-2.00	1201+0.000	127.462	127.053	0.409	4.000	127.382	-2.00	4.581	126.510	-150.00
-4.118	129.128	66.67	-4.000	129.050	-2.00	1202+0.000	129.130	128.643	0.487	4.000	129.050	-2.00	4.635	128.097	-150.00
-4.079	130.095	66.67	-4.000	130.043	-2.00	1203+0.000	130.123	129.588	0.535	4.000	130.043	-2.00	4.698	128.996	-150.00
-4.290	130.241	66.67	-4.000	130.047	-2.00	1204+0.000	130.127	129.729	0.399	4.000	130.047	-2.00	4.594	129.156	-150.00
-4.255	129.636	66.67	-4.000	129.466	-2.00	1205+0.000	129.546	129.132	0.414	4.000	129.466	-2.00	4.585	128.589	-150.00
-4.577	128.920	66.67	-4.000	128.536	-2.00	1206+0.000	128.616	128.302	0.314	4.000	128.536	-2.00	4.568	127.684	-150.00
-4.591	127.593	66.67	-4.000	127.199	-2.00	1207+0.000	127.279	126.951	0.328	4.000	127.199	-2.00	4.552	126.371	-150.00

Osvaldo Leoncio da[illegible]
Diretor da Unidade de [illegible]
Projetos e Obras - DE[illegible]
Secretaria [illegible]

-4.395	125.922	66.67	-4.000	125.658	-2.00	1208+0.000	125.738	125.332	0.407	4.000	125.658	-2.00	4.632	124.710	-150.00
-4.352	124.353	66.67	-4.000	124.118	-2.00	1209+0.000	124.198	123.722	0.476	4.000	124.118	-2.00	4.722	123.035	-150.00
-4.622	122.993	66.67	-4.000	122.578	-2.00	1210+0.000	122.658	122.336	0.321	4.000	122.578	-2.00	4.597	121.683	-150.00
-4.677	121.493	66.67	-4.000	121.042	-2.00	1211+0.000	121.122	120.886	0.236	4.000	121.042	-2.00	4.489	120.309	-150.00
-4.690	120.056	66.67	-4.000	119.596	-2.00	1212+0.000	119.676	119.440	0.235	4.000	119.596	-2.00	4.497	118.850	-150.00
-4.622	118.589	66.67	-4.000	118.174	-2.00	1213+0.000	118.254	117.979	0.275	4.000	118.174	-2.00	4.454	117.492	-150.00
-4.317	117.086	66.67	-4.000	116.875	-2.00	1214+0.000	116.955	116.679	0.276	4.000	116.875	-2.00	4.400	116.275	-150.00
-4.251	115.881	66.67	-4.000	115.714	-2.00	1215+0.000	115.794	115.554	0.241	4.000	115.714	-2.00	4.330	115.220	-150.00
			-4.000	114.677	-2.00	1216+0.000	114.757	114.461	0.295	4.000	114.677	-2.00	4.272	114.269	-150.00
-4.059	113.730	-150.00	-4.000	113.818	-2.00	1217+0.000	113.898	113.515	0.384	4.000	113.818	-2.00	4.348	113.296	-150.00
-4.187	113.073	-150.00	-4.000	113.354	-2.00	1218+0.000	113.434	113.022	0.411	4.000	113.354	-2.00	4.255	112.971	-150.00
-4.258	112.897	-150.00	-4.000	113.285	-2.00	1219+0.000	113.365	112.863	0.502	4.000	113.285	-2.00	4.278	112.867	-150.00
-4.210	113.297	-150.00	-4.000	113.612	-2.00	1220+0.000	113.692	113.350	0.342	4.000	113.612	-2.00	4.140	113.402	-150.00
-4.309	113.871	-150.00	-4.000	114.335	-2.00	1221+0.000	114.415	113.931	0.484	4.000	114.335	-2.00	4.168	114.083	-150.00
-4.384	114.717	-150.00	-4.000	115.293	-2.00	1222+0.000	115.373	114.880	0.493	4.000	115.293	-2.00	4.172	115.034	-150.00
-4.369	115.699	-150.00	-4.000	116.253	-2.00	1223+0.000	116.333	115.893	0.440	4.000	116.253	-2.00	4.108	116.091	-150.00
-4.353	116.654	-150.00	-4.000	117.183	-2.00	1224+0.000	117.263	116.868	0.395	4.000	117.183	-2.00	4.077	117.068	-150.00
-4.369	117.500	-150.00	-4.000	118.054	-2.00	1225+0.000	118.134	117.718	0.417	4.000	118.054	-2.00	4.091	117.918	-150.00
-4.377	118.360	-150.00	-4.000	118.926	-2.00	1226+0.000	119.006	118.575	0.431	4.000	118.926	-2.00	4.110	118.761	-150.00
-4.375	119.102	-150.00	-4.000	119.665	-2.00	1227+0.000	119.745	119.319	0.426	4.000	119.665	-2.00	4.108	119.502	-150.00
-4.342	119.783	-150.00	-4.000	120.296	-2.00	1228+0.000	120.376	119.966	0.410	4.000	120.296	-2.00	4.114	120.125	-150.00
-4.338	120.364	-150.00	-4.000	120.871	-2.00	1229+0.000	120.951	120.544	0.407	4.000	120.871	-2.00	4.114	120.700	-150.00
-4.331	120.846	-150.00	-4.000	121.342	-2.00	1230+0.000	121.422	121.015	0.408	4.000	121.342	-2.00	4.112	121.174	-150.00
-4.325	121.192	-150.00	-4.000	121.679	-2.00	1231+0.000	121.759	121.358	0.402	4.000	121.679	-2.00	4.112	121.511	-150.00
-4.321	121.371	-150.00	-4.000	121.853	-2.00	1232+0.000	121.933	121.526	0.407	4.000	121.853	-2.00	4.120	121.673	-150.00
-4.328	121.488	-150.00	-4.000	121.980	-2.00	1233+0.000	122.060	121.644	0.416	4.000	121.980	-2.00	4.123	121.795	-150.00
-4.344	121.544	-150.00	-4.000	122.060	-2.00	1234+0.000	122.140	121.696	0.444	4.000	122.060	-2.00	4.146	121.841	-150.00
-4.325	121.653	-150.00	-4.000	122.140	-2.00	1235+0.000	122.220	121.813	0.407	4.000	122.140	-2.00	4.122	121.957	-150.00
-4.330	121.835	-150.00	-4.000	122.330	-2.00	1236+0.000	122.410	121.990	0.420	4.000	122.330	-2.00	4.128	122.138	-150.00
-4.322	122.238	-150.00	-4.000	122.721	-2.00	1237+0.000	122.801	122.341	0.460	4.000	122.721	-2.00	4.187	122.441	-150.00
-4.240	122.955	-150.00	-4.000	123.314	-2.00	1238+0.000	123.394	123.036	0.359	4.000	123.314	-2.00	4.149	123.090	-150.00
-4.195	123.817	-150.00	-4.000	124.109	-2.00	1239+0.000	124.189	123.858	0.331	4.000	124.109	-2.00	4.140	123.899	-150.00
-4.158	124.863	-150.00	-4.000	125.099	-2.00	1240+0.000	125.179	124.861	0.318	4.000	125.099	-2.00	4.160	124.859	-150.00
-4.192	125.953	-150.00	-4.000	126.241	-2.00	1241+0.000	126.321	125.957	0.364	4.000	126.241	-2.00	4.186	125.961	-150.00
-4.136	127.228	-150.00	-4.000	127.432	-2.00	1242+0.000	127.512	127.231	0.281	4.000	127.432	-2.00	4.132	127.234	-150.00
-4.197	128.328	-150.00	-4.000	128.623	-2.00	1243+0.000	128.703	128.331	0.372	4.000	128.623	-2.00	4.195	128.330	-150.00
-4.291	129.224	-150.00	-4.000	129.660	-2.00	1244+0.000	129.740	129.323	0.417	4.000	129.660	-2.00	4.203	129.355	-150.00
-4.273	130.151	-150.00	-4.000	130.561	-2.00	1245+0.000	130.641	130.225	0.416	4.000	130.561	-2.00	4.171	130.305	-150.00
-4.345	130.574	-150.00	-4.000	131.091	-2.00	1246+0.000	131.171	130.761	0.410	4.000	131.091	-2.00	4.102	130.939	-150.00
-4.358	130.919	-150.00	-4.000	131.456	-2.00	1247+0.000	131.536	131.130	0.406	4.000	131.456	-2.00	4.096	131.313	-150.00
-4.318	131.102	-150.00	-4.000	131.579	-2.00	1248+0.000	131.659	131.316	0.344	4.000	131.579	-2.00	4.043	131.515	-150.00
-4.290	131.034	-150.00	-4.000	131.470	-2.00	1249+0.000	131.550	131.251	0.299	4.000	131.470	-2.00	4.012	131.452	-150.00
-4.335	130.788	-150.00	-4.000	131.290	-2.00	1250+0.000	131.370	131.010	0.360	4.000	131.290	-2.00	4.049	131.217	-150.00
-4.354	130.292	-150.00	-4.000	130.823	-2.00	1251+0.000	130.903	130.537	0.366	4.000	130.823	-2.00	4.039	130.764	-150.00
-4.159	130.115	-150.00	-4.000	130.354	-2.00	1252+0.000	130.434	130.263	0.171	4.000	130.354	-2.00	4.081	130.407	66.67
-4.267	129.485	-150.00	-4.000	129.885	-2.00	1253+0.000	129.965	129.610	0.355	4.000	129.885	-2.00	4.103	129.730	-150.00
-4.341	128.904	-150.00	-4.000	129.416	-2.00	1254+0.000	129.496	128.953	0.543	4.000	129.416	-2.00	4.277	129.000	-150.00
-4.244	128.580	-150.00	-4.000	128.947	-2.00	1255+0.000	129.027	128.550	0.476	4.000	128.947	-2.00	4.279	128.528	-150.00
-4.189	128.306	-150.00	-4.000	128.589	-2.00	1256+0.000	128.669	128.271	0.398	4.000	128.589	-2.00	4.221	128.257	-150.00
-4.185	128.466	-150.00	-4.000	128.743	-2.00	1257+0.000	128.823	128.432	0.392	4.000	128.743	-2.00	4.209	128.430	-150.00
-4.180	128.768	-150.00	-4.000	129.038	-2.00	1258+0.000	129.118	128.723	0.395	4.000	129.038	-2.00	4.208	128.727	-150.00
-4.183	129.159	-150.00	-4.000	129.434	-2.00	1259+0.000	129.514	129.114	0.400	4.000	129.434	-2.00	4.206	129.124	-150.00
-4.190	129.627	-150.00	-4.000	129.913	-2.00	1260+0.000	129.993	129.591	0.402	4.000	129.913	-2.00	4.199	129.615	-150.00
-4.263	130.029	-150.00	-4.000	130.423	-2.00	1261+0.000	130.503	130.027	0.476	4.000	130.423	-2.00	4.238	130.066	-150.00
-4.283	130.418	-150.00	-4.000	130.843	-2.00	1262+0.000	130.923	130.418	0.506	4.000	130.843	-2.00	4.257	130.458	-150.00
-4.295	130.545	-150.00	-4.000	130.988	-2.00	1263+0.000	131.068	130.572	0.495	4.000	130.988	-2.00	4.250	130.613	-150.00
-4.267	130.455	-150.00	-4.000	130.856	-2.00	1264+0.000	130.936	130.526	0.410	4.000	130.856	-2.00	4.169	130.602	-150.00
-4.219	130.120	-150.00	-4.000	130.448	-2.00	1265+0.000	130.528	130.191	0.338	4.000	130.448	-2.00	4.121	130.266	-150.00
-4.260	129.375	-150.00	-4.000	129.765	-2.00	1266+0.000	129.845	129.469	0.376	4.000	129.765	-2.00	4.132	129.566	-150.00
-4.279	128.468	-150.00	-4.000	128.886	-2.00	1267+0.000	128.966	128.557	0.409	4.000	128.886	-2.00	4.148	128.665	-150.00
-4.357	127.464	-150.00	-4.000	128.000	-2.00	1268+0.000	128.080	127.587	0.493	4.000	128.000	-2.00	4.212	127.682	-150.00
-4.348	126.593	-150.00	-4.000	127.114	-2.00	1269+0.000	127.194	126.730	0.464	4.000	127.114	-2.00	4.168	126.862	-150.00
-4.399	125.763	-150.00	-4.000	126.362	-2.00	1270+0.000	126.442	125.963	0.479	4.000	126.362	-2.00	4.140	126.151	-150.00
-4.312	125.377	-150.00	-4.000	125.845	-2.00	1271+0.000	125.925	125.581	0.345	4.000	125.845	-2.00	4.049	125.772	-150.00
-4.269	125.161	-150.00	-4.000	125.564	-2.00	1272+0.000	125.644	125.365	0.279	4.000	125.564	-2.00			
-4.289	125.085	-150.00	-4.000	125.518	-2.00	1273+0.000	125.598	125.286	0.313	4.000	125.518	-2.00	4.029	125.474	-150.00
-4.355	125.174	-150.00	-4.000	125.707	-2.00	1274+0.000	125.787	125.382	0.405	4.000	125.707	-2.00	4.085	125.579	-150.00
-4.400	125.386	-150.00	-4.000	125.986	-2.00	1275+0.000	126.066	125.603	0.463	4.000	125.986	-2.00	4.120	125.806	-150.00
-4.391	125.679	-150.00	-4.000	126.266	-2.00	1276+0.000	126.346	125.884	0.462	4.000	126.266	-2.00	4.126	126.077	-150.00
-4.340	126.035	-150.00	-4.000	126.545	-2.00	1277+0.000	126.625	126.238	0.387	4.000	126.545	-2.00	4.078	126.429	-150.00
-4.310	126.300	-150.00	-4.000	126.765	-2.00	1278+0.000	126.845	126.394	0.451	4.000	126.765	-2.00	4.147	126.545	-150.00
-4.279	126.374	-150.00	-4.000	126.792	-2.00	1279+0.000	126.872	126.393	0.479	4.000	126.792	-2.00	4.180	126.522	-150.00
-4.294	126.378	-150.00	-4.000	126.819	-2.00	1280+0.000	126.899	126.395	0.504	4.000	126.819	-2.00	4.240	126.459	-150.00
-4.228	126.520	-150.00	-4.000	126.863	-2.00	1281+0.000	126.943	126.457	0.486	4.000	126.863	-2.00	4.314	126.392	-150.00
-4.188	126.727	-150.00	-4.000	127.009	-2.00	1282+0.000	127.089	126.563	0.526	4.000	127.009	-2.00	4.412	126.390	-150.00
-4.007	127.259	-150.00	-4.000	127.269	-2.00	1283+0.000	127.349	127.098	0.251	4.000	127.269	-2.00	4.227	126.929	-150.00
-4.094	127.705	66.67	-4.000	127.642	-2.00	1284+0.000	127.722	127.536	0.186	4.000	127.642	-2.00	4.186	127.364	-150.00
-4.005	128.121	-150.00	-4.000	128.129	-2.00	1285+0.000	128.209	128.112	0.097	4.000	128.129	-2.00	4.018	128.102	-150.00
-4.110	128.554	-150.00	-4.000	128.718	-2.00	1286+0.000	128.798	128.522	0.276	4.000	128.718	-2.00	4.152	128.490	-150.00
-4.240	128.831	-150.00	-4.000	129.192	-2.00	1287+0.000	129.272	128.880	0.391	4.000	129.192	-2.00	4.175	128.929	-150.00
-4.245	128.733	-150.00	-4.000	129.101	-2.00	1288+0.000	129.181	128.775	0.406	4.000	129.101	-2.00	4.181	128.829	-150.00

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas, Projetos e Obras - DIPO
Secretaria das Cidades

-4.213	128.639	-150.00	-4.000	128.958	-2.00	1289+0.000	129.038	128.693	0.344	4.000	128.958	-2.00	4.092	128.819	-150.00
-4.154	128.583	-150.00	-4.000	128.814	-2.00	1290+0.000	128.894	128.632	0.262	4.000	128.814	-2.00	4.067	128.713	-150.00
-4.245	128.287	-150.00	-4.000	128.655	-2.00	1291+0.000	128.735	128.337	0.397	4.000	128.655	-2.00	4.178	128.387	-150.00
-4.238	127.939	-150.00	-4.000	128.296	-2.00	1292+0.000	128.376	127.975	0.401	4.000	128.296	-2.00	4.193	128.007	-150.00
-4.237	127.476	-150.00	-4.000	127.831	-2.00	1293+0.000	127.911	127.509	0.403	4.000	127.831	-2.00	4.194	127.541	-150.00
-4.232	126.922	-150.00	-4.000	127.270	-2.00	1294+0.000	127.350	126.946	0.404	4.000	127.270	-2.00	4.200	126.970	-150.00
-4.197	126.279	-150.00	-4.000	126.575	-2.00	1295+0.000	126.655	126.304	0.351	4.000	126.575	-2.00	4.165	126.328	-150.00
-4.146	125.662	-150.00	-4.000	125.880	-2.00	1296+0.000	125.960	125.660	0.300	4.000	125.880	-2.00	4.142	125.667	-150.00
-4.138	124.978	-150.00	-4.000	125.185	-2.00	1297+0.000	125.265	124.970	0.295	4.000	125.185	-2.00	4.148	124.964	-150.00
-4.160	124.250	-150.00	-4.000	124.490	-2.00	1298+0.000	124.570	124.238	0.333	4.000	124.490	-2.00	4.150	124.266	-150.00
-4.204	123.489	-150.00	-4.000	123.795	-2.00	1299+0.000	123.875	123.483	0.392	4.000	123.795	-2.00	4.172	123.537	-150.00
-4.255	122.828	-150.00	-4.000	123.210	-2.00	1300+0.000	123.290	122.866	0.424	4.000	123.210	-2.00	4.191	122.924	-150.00
-4.331	122.244	-150.00	-4.000	122.740	-2.00	1301+0.000	122.820	122.341	0.480	4.000	122.740	-2.00	4.219	122.412	-150.00
-4.382	121.697	-150.00	-4.000	122.271	-2.00	1302+0.000	122.351	121.804	0.547	4.000	122.271	-2.00	4.242	121.907	-150.00
-4.381	121.229	-150.00	-4.000	121.801	-2.00	1303+0.000	121.881	121.248	0.632	4.000	121.801	-2.00	4.315	121.328	-150.00
-4.300	120.881	-150.00	-4.000	121.331	-2.00	1304+0.000	121.411	120.911	0.500	4.000	121.331	-2.00	4.261	120.940	-150.00
-4.294	120.419	-150.00	-4.000	120.861	-2.00	1305+0.000	120.941	120.366	0.574	4.000	120.861	-2.00	4.359	120.322	-150.00
-4.213	120.072	-150.00	-4.000	120.391	-2.00	1306+0.000	120.471	120.020	0.451	4.000	120.391	-2.00	4.282	119.968	-150.00
-4.200	119.628	-150.00	-4.000	119.928	-2.00	1307+0.000	120.008	119.610	0.398	4.000	119.928	-2.00	4.221	119.596	-150.00
-4.211	119.381	-150.00	-4.000	119.697	-2.00	1308+0.000	119.777	119.386	0.392	4.000	119.697	-2.00	4.204	119.392	-150.00
-4.251	119.276	-150.00	-4.000	119.652	-2.00	1309+0.000	119.732	119.329	0.403	4.000	119.652	-2.00	4.159	119.413	-150.00
-4.263	119.440	-150.00	-4.000	119.834	-2.00	1310+0.000	119.914	119.514	0.400	4.000	119.834	-2.00	4.150	119.608	-150.00
-4.270	119.776	-150.00	-4.000	120.181	-2.00	1311+0.000	120.261	119.866	0.395	4.000	120.181	-2.00	4.151	119.954	-150.00
-4.348	120.412	-150.00	-4.000	120.934	-2.00	1312+0.000	121.014	120.562	0.451	4.000	120.934	-2.00	4.152	120.706	-150.00
-4.433	121.368	-150.00	-4.000	122.018	-2.00	1313+0.000	122.098	121.545	0.553	4.000	122.018	-2.00	4.203	121.714	-150.00
-4.419	122.362	-150.00	-4.000	122.991	-2.00	1314+0.000	123.071	122.543	0.528	4.000	122.991	-2.00	4.173	122.732	-150.00
-4.286	123.387	-150.00	-4.000	123.816	-2.00	1315+0.000	123.896	123.588	0.308	4.000	123.816	-2.00	4.026	123.777	-150.00
-4.249	124.118	-150.00	-4.000	124.492	-2.00	1316+0.000	124.572	124.282	0.290	4.000	124.492	-2.00	4.036	124.438	-150.00
-4.319	124.542	-150.00	-4.000	125.020	-2.00	1317+0.000	125.100	124.720	0.380	4.000	125.020	-2.00	4.088	124.888	-150.00
-4.398	124.802	-150.00	-4.000	125.399	-2.00	1318+0.000	125.479	125.000	0.479	4.000	125.399	-2.00	4.154	125.169	-150.00
-4.363	125.092	-150.00	-4.000	125.636	-2.00	1319+0.000	125.716	125.297	0.419	4.000	125.636	-2.00	4.114	125.466	-150.00
-4.314	125.599	-150.00	-4.000	126.070	-2.00	1320+0.000	126.150	125.790	0.360	4.000	126.070	-2.00	4.071	125.964	-150.00
-4.344	126.201	-150.00	-4.000	126.717	-2.00	1321+0.000	126.797	126.402	0.396	4.000	126.717	-2.00	4.080	126.597	-150.00
-4.357	126.983	-150.00	-4.000	127.518	-2.00	1322+0.000	127.598	127.232	0.366	4.000	127.518	-2.00	4.022	127.485	-150.00
-4.417	127.636	-150.00	-4.000	128.261	-2.00	1323+0.000	128.341	127.924	0.416	4.000	128.261	-2.00	4.048	128.189	-150.00
-4.454	127.719	-150.00	-4.000	128.400	-2.00	1324+0.000	128.480	128.113	0.367	4.000	128.400	-2.00	4.117	128.478	66.67
-4.408	127.486	-150.00	-4.000	128.097	-2.00	1325+0.000	128.177	127.828	0.349	4.000	128.097	-2.00	4.069	128.143	66.67
-4.382	126.944	-150.00	-4.000	127.517	-2.00	1326+0.000	127.597	127.284	0.313	4.000	127.517	-2.00	4.131	127.604	66.67
-4.407	126.410	-150.00	-4.000	127.020	-2.00	1327+0.000	127.100	126.773	0.327	4.000	127.020	-2.00	4.141	127.114	66.67
-4.406	126.000	-150.00	-4.000	126.609	-2.00	1328+0.000	126.689	126.343	0.346	4.000	126.609	-2.00	4.109	126.682	66.67
-4.390	125.699	-150.00	-4.000	126.284	-2.00	1329+0.000	126.364	126.038	0.325	4.000	126.284	-2.00	4.109	126.356	66.67
-4.415	125.420	-150.00	-4.000	126.043	-2.00	1330+0.000	126.123	125.762	0.361	4.000	126.043	-2.00	4.049	126.076	66.67
-4.404	125.280	-150.00	-4.000	125.886	-2.00	1331+0.000	125.966	125.582	0.385	4.000	125.886	-2.00	4.020	125.856	-150.00
-4.407	125.150	-150.00	-4.000	125.760	-2.00	1332+0.000	125.840	125.452	0.388	4.000	125.760	-2.00	4.027	125.720	-150.00
-4.324	125.202	-150.00	-4.000	125.688	-2.00	1333+0.000	125.768	125.413	0.355	4.000	125.688	-2.00	4.060	125.598	-150.00
-4.334	125.159	-150.00	-4.000	125.660	-2.00	1334+0.000	125.740	125.358	0.382	4.000	125.660	-2.00	4.078	125.543	-150.00
-4.330	125.123	-150.00	-4.000	125.618	-2.00	1335+0.000	125.698	125.297	0.402	4.000	125.618	-2.00	4.109	125.454	-150.00
-4.293	124.987	-150.00	-4.000	125.426	-2.00	1336+0.000	125.506	125.138	0.368	4.000	125.426	-2.00	4.096	125.282	-150.00
-4.280	124.806	-150.00	-4.000	125.226	-2.00	1337+0.000	125.306	124.955	0.352	4.000	125.226	-2.00	4.108	125.064	-150.00
-4.191	124.798	-150.00	-4.000	125.085	-2.00	1338+0.000	125.165	124.827	0.338	4.000	125.085	-2.00	4.153	124.855	-150.00
-4.169	124.719	-150.00	-4.000	124.972	-2.00	1339+0.000	125.052	124.748	0.304	4.000	124.972	-2.00	4.140	124.762	-150.00
-4.147	124.640	-150.00	-4.000	124.860	-2.00	1340+0.000	124.940	124.529	0.411	4.000	124.860	-2.00	4.299	124.412	-150.00
-4.136	124.543	-150.00	-4.000	124.747	-2.00	1341+0.000	124.827	124.431	0.396	4.000	124.747	-2.00	4.288	124.315	-150.00
-4.085	124.584	-150.00	-4.000	124.712	-2.00	1342+0.000	124.792	124.424	0.368	4.000	124.712	-2.00	4.305	124.255	-150.00
-4.071	124.786	-150.00	-4.000	124.893	-2.00	1343+0.000	124.973	124.625	0.348	4.000	124.893	-2.00	4.291	124.456	-150.00
-4.099	125.143	-150.00	-4.000	125.292	-2.00	1344+0.000	125.372	124.954	0.418	4.000	125.292	-2.00	4.309	124.829	-150.00
-4.024	125.926	66.67	-4.000	125.910	-2.00	1345+0.000	125.990	125.725	0.266	4.000	125.910	-2.00	4.266	125.511	-150.00
-4.059	126.786	66.67	-4.000	126.747	-2.00	1346+0.000	126.827	126.613	0.214	4.000	126.747	-2.00	4.209	126.434	-150.00
-4.024	127.699	-150.00	-4.000	127.735	-2.00	1347+0.000	127.815	127.508	0.307	4.000	127.735	-2.00	4.286	127.305	-150.00
-4.066	128.628	-150.00	-4.000	128.727	-2.00	1348+0.000	128.807	128.450	0.357	4.000	128.727	-2.00	4.311	128.261	-150.00
-4.071	129.411	-150.00	-4.000	129.517	-2.00	1349+0.000	129.597	129.220	0.378	4.000	129.517	-2.00	4.320	129.038	-150.00
-4.150	130.272	66.67	-4.000	130.172	-2.00	1350+0.000	130.252	130.077	0.175	4.000	130.172	-2.00	4.195	129.880	-150.00
-4.012	130.718	-150.00	-4.000	130.735	-2.00	1351+0.000	130.815	130.548	0.267	4.000	130.735	-2.00	4.240	130.375	-150.00
-4.041	131.146	-150.00	-4.000	131.207	-2.00	1352+0.000	131.287	131.012	0.275	4.000	131.207	-2.00	4.223	130.873	-150.00
-4.016	131.598	66.67	-4.000	131.587	-2.00	1353+0.000	131.667	131.467	0.200	4.000	131.587	-2.00	4.165	131.340	-150.00
-4.036	131.822	-150.00	-4.000	131.875	-2.00	1354+0.000	131.955	131.719	0.236	4.000	131.875	-2.00	4.175	131.613	-150.00
-4.101	131.966	-150.00	-4.000	132.118	-2.00	1355+0.000	132.198	131.794	0.404	4.000	132.118	-2.00	4.334	131.617	-150.00
-4.104	132.205	-150.00	-4.000	132.361	-2.00	1356+0.000	132.441	132.038	0.403	4.000	132.361	-2.00	4.264	131.965	-150.00
-4.084	132.433	-150.00	-4.000	132.560	-2.00	1357+0.000	132.640	132.320	0.320	4.000	132.560	-2.00	4.203	132.256	-150.00
-4.076	132.803	66.67	-4.000	132.753	-2.00	1358+0.000	132.833	132.699	0.133	4.000	132.753	-2.00	4.106	132.594	-150.00
-4.020	132.916	-150.00	-4.000	132.946	-2.00	1359+0.000	133.026	132.821	0.206	4.000	132.946	-2.00	4.150	132.722	-150.00
-4.196	133.272	66.67	-4.000	133.142	-2.00	1360+0.000	133.222	133.095	0.127	4.000	133.142	-2.00	4.148	132.920	-150.00
-4.111	133.233	-150.00	-4.000	133.399	-2.00	1361+0.000	133.479	133.143	0.336	4.000	133.399	-2.00	4.232	133.051	-150.00
-4.235	133.390	-150.00	-4.000	133.743	-2.00	1362+0.000	133.823	133.215	0.608	4.000	133.743	-2.00	4.412	133.125	-150.00
-4.057	134.089	-150.00	-4.000	134.175	-2.00	1363+0.000	134.255	133.842	0.413	4.000	134.175	-2.00	4.401	133.574	-150.00
-4.010	134.680	-150.00	-4.000	134.695	-2.00	1364+0.000	134.775	134.446	0.328	4.000	134.695	-2.00	4.334	134.194	-150.00
-4.034	135.276	-150.00	-4.000	135.327	-2.00	1365+0.000	135.407	135.011	0.396	4.000	135.327	-2.00	4.394	134.736	-150.00
-4.033	136.037	-150.00	-4.000	136.087	-2.00	1366+0.000	136.167	135.772	0.395	4.000	136.087	-2.00	4.403	135.483	-150.00
-4.062	136.941	-150.00	-4.000	137.035	-2.00	1367+0.000	137.115	136.711	0.404	4.000	137.035	-2.00	4.382	136.462	-150.00
-4.583	138.431	66.67	-4.000	138.042	-2.00	1368+0.000	138.122	138.002	0.121	4.000	138.042	-2.00	4.295	137.599	-150.00
-4.037	138.998	66.67	-4.000	138.973	-2.00	1369+0.000	139.053	138.752	0.302	4.000	138.973	-2.00	4.323	138.488	-150.00

Osvaldo Leôncio da Silv[illegible]ho
Diretor da Unidade de Progra[illegible]as
Projetos e Obras - DUPEO
Secretaria das Cidades (Sacid)

-5.087	140.475	66.67	-4.000	139.750	-2.00	1370+0.000	139.830	139.871	-0.042	4.000	139.750	-2.00	4.255	139.367	-150.00
-4.739	140.909	66.67	-4.000	140.417	-2.00	1371+0.000	140.497	140.555	-0.059	4.000	140.417	-2.00	4.112	140.248	-150.00
-4.125	141.057	66.67	-4.000	140.974	-2.00	1372+0.000	141.054	140.654	0.400	4.000	140.974	-2.00	4.462	140.281	-150.00
-4.053	141.344	-150.00	-4.000	141.423	-2.00	1373+0.000	141.503	140.923	0.580	4.000	141.423	-2.00	4.656	140.439	-150.00
-4.086	141.633	-150.00	-4.000	141.762	-2.00	1374+0.000	141.842	141.176	0.666	4.000	141.762	-2.00	4.713	140.693	-150.00
-4.950	142.632	66.67	-4.000	141.998	-2.00	1375+0.000	142.078	141.744	0.335	4.000	141.998	-2.00	4.720	140.918	-150.00
-4.824	142.761	66.67	-4.000	142.212	-2.00	1376+0.000	142.292	141.895	0.397	4.000	142.212	-2.00	4.750	141.087	-150.00
-4.923	142.873	66.67	-4.000	142.258	-2.00	1377+0.000	142.338	141.905	0.433	4.000	142.258	-2.00	4.815	141.036	-150.00
-4.993	142.685	66.67	-4.000	142.023	-2.00	1378+0.000	142.103	141.703	0.400	4.000	142.023	-2.00	4.760	140.883	-150.00
-4.916	142.317	66.67	-4.000	141.706	-2.00	1379+0.000	141.786	141.543	0.243	4.000	141.706	-2.00	4.570	140.851	-150.00
-5.728	142.350	66.67	-4.000	141.198	-2.00	1380+0.000	141.278	141.508	-0.230	4.000	141.198	-2.00	4.205	140.890	-150.00
-4.309	140.916	66.67	-4.000	140.709	-2.00	1381+0.000	140.789	140.395	0.394	4.000	140.709	-2.00	4.445	140.042	-150.00
-4.165	140.470	66.67	-4.000	140.360	-2.00	1382+0.000	140.440	140.047	0.393	4.000	140.360	-2.00	4.476	139.645	-150.00
-4.056	140.087	66.67	-4.000	140.050	-2.00	1383+0.000	140.130	139.727	0.403	4.000	140.050	-2.00	4.420	139.420	-150.00
-4.046	139.971	-150.00	-4.000	140.040	-2.00	1384+0.000	140.120	139.722	0.398	4.000	140.040	-2.00	4.392	139.452	-150.00
-4.056	139.954	-150.00	-4.000	140.037	-2.00	1385+0.000	140.117	139.704	0.413	4.000	140.037	-2.00	4.403	139.434	-150.00
-4.055	139.839	-150.00	-4.000	139.921	-2.00	1386+0.000	140.001	139.622	0.379	4.000	139.921	-2.00	4.354	139.389	-150.00
-4.097	139.390	-150.00	-4.000	139.535	-2.00	1387+0.000	139.615	139.174	0.441	4.000	139.535	-2.00	4.379	138.966	-150.00
-4.174	138.863	-150.00	-4.000	139.124	-2.00	1388+0.000	139.204	138.769	0.434	4.000	139.124	-2.00	4.302	138.670	-150.00
-4.295	138.270	-150.00	-4.000	138.713	-2.00	1389+0.000	138.793	138.174	0.619	4.000	138.713	-2.00	4.425	138.075	-150.00
-4.261	137.910	-150.00	-4.000	138.302	-2.00	1390+0.000	138.382	137.916	0.466	4.000	138.302	-2.00	4.268	137.899	-150.00
-4.235	137.518	-150.00	-4.000	137.870	-2.00	1391+0.000	137.950	137.536	0.414	4.000	137.870	-2.00	4.211	137.554	-150.00
-4.220	136.940	-150.00	-4.000	137.270	-2.00	1392+0.000	137.350	136.950	0.399	4.000	137.270	-2.00	4.206	136.961	-150.00
-4.099	136.568	-150.00	-4.000	136.716	-2.00	1393+0.000	136.796	136.523	0.272	4.000	136.716	-2.00	4.158	136.478	-150.00
-4.023	136.145	-150.00	-4.000	136.180	-2.00	1394+0.000	136.260	136.067	0.193	4.000	136.180	-2.00	4.128	135.987	-150.00
-4.012	135.626	-150.00	-4.000	135.644	-2.00	1395+0.000	135.724	135.545	0.178	4.000	135.644	-2.00	4.121	135.463	-150.00
-4.051	135.142	66.67	-4.000	135.108	-2.00	1396+0.000	135.188	135.079	0.109	4.000	135.108	-2.00	4.061	135.016	-150.00
-4.137	134.367	-150.00	-4.000	134.572	-2.00	1397+0.000	134.652	134.261	0.391	4.000	134.572	-2.00	4.259	134.183	-150.00
-4.200	133.736	-150.00	-4.000	134.036	-2.00	1398+0.000	134.116	133.672	0.444	4.000	134.036	-2.00	4.287	133.606	-150.00
-4.156	133.266	-150.00	-4.000	133.500	-2.00	1399+0.000	133.580	133.200	0.380	4.000	133.500	-2.00	4.238	133.142	-150.00
-4.200	132.719	-150.00	-4.000	133.019	-2.00	1400+0.000	133.099	132.766	0.333	4.000	133.019	-2.00	4.138	132.812	-150.00
-4.200	132.328	-150.00	-4.000	132.628	-2.00	1401+0.000	132.708	132.378	0.330	4.000	132.628	-2.00	4.134	132.427	-150.00
-4.229	132.007	-150.00	-4.000	132.350	-2.00	1402+0.000	132.430	132.035	0.395	4.000	132.350	-2.00	4.157	132.114	-150.00
-4.230	131.908	-150.00	-4.000	132.253	-2.00	1403+0.000	132.333	131.936	0.397	4.000	132.253	-2.00	4.150	132.028	-150.00
-4.218	131.938	-150.00	-4.000	132.265	-2.00	1404+0.000	132.345	131.999	0.346	4.000	132.265	-2.00	4.135	132.063	-150.00
-4.097	132.419	-150.00	-4.000	132.565	-2.00	1405+0.000	132.645	132.481	0.164	4.000	132.565	-2.00	4.015	132.543	-150.00
-4.250	132.484	-150.00	-4.000	132.859	-2.00	1406+0.000	132.939	132.550	0.389	4.000	132.859	-2.00	4.142	132.646	-150.00
-4.104	132.841	-150.00	-4.000	132.997	-2.00	1407+0.000	133.077	132.904	0.173	4.000	132.997	-2.00	4.021	132.965	-150.00
-4.131	132.840	-150.00	-4.000	133.036	-2.00	1408+0.000	133.116	132.910	0.206	4.000	133.036	-2.00	4.035	132.984	-150.00
-4.055	132.881	-150.00	-4.000	132.963	-2.00	1409+0.000	133.043	132.957	0.086	4.000	132.963	-2.00	4.108	133.035	66.67
-4.255	132.443	-150.00	-4.000	132.825	-2.00	1410+0.000	132.905	132.542	0.363	4.000	132.825	-2.00	4.087	132.695	-150.00
-4.276	132.322	-150.00	-4.000	132.736	-2.00	1411+0.000	132.816	132.436	0.380	4.000	132.736	-2.00	4.127	132.545	-150.00
-4.297	132.272	-150.00	-4.000	132.717	-2.00	1412+0.000	132.797	132.387	0.410	4.000	132.717	-2.00	4.117	132.543	-150.00
-4.348	132.501	-150.00	-4.000	133.023	-2.00	1413+0.000	133.103	132.656	0.447	4.000	133.023	-2.00	4.136	132.819	-150.00
-4.393	132.912	-150.00	-4.000	133.501	-2.00	1414+0.000	133.581	133.069	0.512	4.000	133.501	-2.00	4.183	133.227	-150.00
-4.380	133.408	-150.00	-4.000	133.979	-2.00	1415+0.000	134.059	133.587	0.472	4.000	133.979	-2.00	4.147	133.758	-150.00
-4.303	134.002	-150.00	-4.000	134.457	-2.00	1416+0.000	134.537	134.166	0.371	4.000	134.457	-2.00	4.090	134.321	-150.00
-4.283	134.444	-150.00	-4.000	134.870	-2.00	1417+0.000	134.950	134.560	0.389	4.000	134.870	-2.00	4.131	134.673	-150.00
-4.236	134.835	-150.00	-4.000	135.189	-2.00	1418+0.000	135.269	134.934	0.334	4.000	135.189	-2.00	4.105	135.031	-150.00
-4.211	135.191	-150.00	-4.000	135.508	-2.00	1419+0.000	135.588	135.272	0.316	4.000	135.508	-2.00	4.104	135.352	-150.00
-4.274	135.351	-150.00	-4.000	135.762	-2.00	1420+0.000	135.842	135.421	0.421	4.000	135.762	-2.00	4.182	135.489	-150.00
-4.220	135.345	-150.00	-4.000	135.675	-2.00	1421+0.000	135.755	135.391	0.364	4.000	135.675	-2.00	4.159	135.436	-150.00
-4.261	135.079	-150.00	-4.000	135.469	-2.00	1422+0.000	135.549	135.149	0.400	4.000	135.469	-2.00	4.182	135.197	-150.00
-4.243	134.664	-150.00	-4.000	135.028	-2.00	1423+0.000	135.108	134.722	0.386	4.000	135.028	-2.00	4.167	134.778	-150.00
-4.242	134.159	-150.00	-4.000	134.522	-2.00	1424+0.000	134.602	134.217	0.385	4.000	134.522	-2.00	4.165	134.274	-150.00
-4.277	133.864	-150.00	-4.000	134.280	-2.00	1425+0.000	134.360	133.971	0.389	4.000	134.280	-2.00	4.150	134.054	-150.00
-4.274	133.865	-150.00	-4.000	134.275	-2.00	1426+0.000	134.355	133.971	0.385	4.000	134.275	-2.00	4.152	134.048	-150.00
-4.318	133.836	-150.00	-4.000	134.313	-2.00	1427+0.000	134.393	133.994	0.398	4.000	134.313	-2.00	4.112	134.145	-150.00
-4.316	133.911	-150.00	-4.000	134.385	-2.00	1428+0.000	134.465	134.070	0.396	4.000	134.385	-2.00	4.110	134.220	-150.00
-4.323	134.044	-150.00	-4.000	134.529	-2.00	1429+0.000	134.609	134.211	0.397	4.000	134.529	-2.00	4.059	134.440	-150.00
-4.354	134.274	-150.00	-4.000	134.805	-2.00	1430+0.000	134.885	134.469	0.415	4.000	134.805	-2.00	4.066	134.706	-150.00
-4.344	134.444	-150.00	-4.000	134.960	-2.00	1431+0.000	135.040	134.623	0.417	4.000	134.960	-2.00	4.134	134.759	-150.00
-4.359	133.725	-150.00	-4.000	134.264	-2.00	1432+0.000	134.344	133.964	0.380	4.000	134.264	-2.00	4.051	134.188	-150.00
-4.318	133.017	-150.00	-4.000	133.494	-2.00	1433+0.000	133.574	133.238	0.336	4.000	133.494	-2.00	4.041	133.433	-150.00
-4.339	132.215	-150.00	-4.000	132.723	-2.00	1434+0.000	132.803	132.410	0.393	4.000	132.723	-2.00	4.086	132.595	-150.00
-4.397	131.482	-150.00	-4.000	132.078	-2.00	1435+0.000	132.158	131.692	0.466	4.000	132.078	-2.00	4.095	131.936	-150.00
-4.290	131.390	-150.00	-4.000	131.825	-2.00	1436+0.000	131.905	131.495	0.410	4.000	131.825	-2.00	4.153	131.596	-150.00
-4.157	131.739	-150.00	-4.000	131.975	-2.00	1437+0.000	132.055	131.840	0.215	4.000	131.975	-2.00	4.033	131.925	-150.00
-4.162	132.111	-150.00	-4.000	132.354	-2.00	1438+0.000	132.434	132.173	0.261	4.000	132.354	-2.00	4.067	132.254	-150.00
-4.159	132.496	-150.00	-4.000	132.734	-2.00	1439+0.000	132.814	132.559	0.256	4.000	132.734	-2.00	4.079	132.615	-150.00
-4.212	132.720	-150.00	-4.000	133.037	-2.00	1440+0.000	133.117	132.771	0.347	4.000	133.037	-2.00	4.145	132.821	-150.00
-4.191	132.869	-150.00	-4.000	133.155	-2.00	1441+0.000	133.235	132.910	0.325	4.000	133.155	-2.00	4.136	132.951	-150.00
-4.156	132.854	-150.00	-4.000	133.088	-2.00	1442+0.000	133.168	132.866	0.301	4.000	133.088	-2.00	4.139	132.879	-150.00
-4.301	132.382	-150.00	-4.000	132.834	-2.00	1443+0.000	132.914	132.428	0.486	4.000	132.834	-2.00	4.240	132.474	-150.00
-4.355	131.889	-150.00	-4.000	132.421	-2.00	1444+0.000	132.501	131.943	0.558	4.000	132.421	-2.00	4.283	131.996	-150.00
-4.308	131.525	-150.00	-4.000	131.987	-2.00	1445+0.000	132.067	131.596	0.471	4.000	131.987	-2.00	4.219	131.658	-150.00
-4.274	131.185	-150.00	-4.000	131.596	-2.00	1446+0.000	131.676	131.283	0.393	4.000	131.596	-2.00	4.145	131.378	-150.00
-4.276	130.914	-150.00	-4.000	131.328	-2.00	1447+0.000	131.408	131.017	0.391	4.000	131.328	-2.00	4.149	131.105	-150.00
-4.309	130.745	-150.00	-4.000	131.209	-2.00	1448+0.000	131.289	130.845	0.443	4.000	131.209	-2.00	4.177	130.942	-150.00
-4.308	130.727	-150.00	-4.000	131.189	-2.00	1449+0.000	131.269	130.826	0.444	4.000	131.189	-2.00	4.179	130.922	-150.00
-4.320	130.690	-150.00	-4.000	131.170	-2.00	1450+0.000	131.250	130.807	0.443	4.000	131.170	-2.00	4.167	130.920	-150.00

Osvaldo Leôncio da Silva
Diretor da Unidade de Programa
Projetos e Obras - DUPPO
Secretaria das Cidades e Secret

-4.323	130.666	-150.00	-4.000	131.151	-2.00	1451+0.000	131.231	130.782	0.448	4.000	131.151	-2.00	4.171	130.895	-150.00
-4.322	130.649	-150.00	-4.000	131.131	-2.00	1452+0.000	131.211	130.790	0.421	4.000	131.131	-2.00	4.163	130.888	-150.00
-4.308	130.650	-150.00	-4.000	131.112	-2.00	1453+0.000	131.192	130.786	0.407	4.000	131.112	-2.00	4.153	130.882	-150.00
-4.266	130.703	-150.00	-4.000	131.102	-2.00	1454+0.000	131.182	130.793	0.388	4.000	131.102	-2.00	4.173	130.841	-150.00
-4.259	130.822	-150.00	-4.000	131.211	-2.00	1455+0.000	131.291	130.896	0.395	4.000	131.211	-2.00	4.176	130.946	-150.00
-4.263	130.938	-150.00	-4.000	131.331	-2.00	1456+0.000	131.411	131.008	0.404	4.000	131.331	-2.00	4.179	131.063	-150.00
-4.288	131.163	-150.00	-4.000	131.596	-2.00	1457+0.000	131.676	131.241	0.434	4.000	131.596	-2.00	4.185	131.318	-150.00
-4.399	131.443	-150.00	-4.000	132.040	-2.00	1458+0.000	132.120	131.611	0.510	4.000	132.040	-2.00	4.180	131.770	-150.00
-4.307	132.289	-150.00	-4.000	132.750	-2.00	1459+0.000	132.830	132.424	0.406	4.000	132.750	-2.00	4.142	132.537	-150.00
-4.313	133.555	-150.00	-4.000	134.025	-2.00	1460+0.000	134.105	133.748	0.356	4.000	134.025	-2.00	4.063	133.931	-150.00
-4.379	134.791	-150.00	-4.000	135.359	-2.00	1461+0.000	135.439	135.087	0.352	4.000	135.359	-2.00			
-4.351	136.168	-150.00	-4.000	136.694	-2.00	1462+0.000	136.774	136.486	0.288	4.000	136.694	-2.00	4.116	136.772	66.67
-4.405	137.583	-150.00	-4.000	138.190	-2.00	1463+0.000	138.270	137.868	0.403	4.000	138.190	-2.00	4.041	138.129	-150.00
-4.498	138.930	-150.00	-4.000	139.677	-2.00	1464+0.000	139.757	139.348	0.409	4.000	139.677	-2.00	4.075	139.727	66.67
-4.515	139.988	-150.00	-4.000	140.760	-2.00	1465+0.000	140.840	140.436	0.404	4.000	140.760	-2.00	4.108	140.832	66.67
-4.445	140.813	-150.00	-4.000	141.480	-2.00	1466+0.000	141.560	141.256	0.304	4.000	141.480	-2.00	4.310	141.686	66.67
-4.420	141.244	-150.00	-4.000	141.875	-2.00	1467+0.000	141.955	141.663	0.292	4.000	141.875	-2.00	4.290	142.068	66.67
-4.466	140.901	-150.00	-4.000	141.600	-2.00	1468+0.000	141.680	141.264	0.416	4.000	141.600	-2.00	4.046	141.630	66.67
-4.345	140.369	-150.00	-4.000	140.886	-2.00	1469+0.000	140.966	140.695	0.271	4.000	140.886	-2.00	4.186	141.010	66.67
-4.410	139.178	-150.00	-4.000	139.792	-2.00	1470+0.000	139.872	139.494	0.378	4.000	139.792	-2.00	4.098	139.646	-150.00
-4.319	137.672	-150.00	-4.000	138.151	-2.00	1471+0.000	138.231	137.837	0.393	4.000	138.151	-2.00	4.104	137.994	-150.00
-4.182	136.211	-150.00	-4.000	136.484	-2.00	1472+0.000	136.564	136.177	0.387	4.000	136.484	-2.00	4.168	136.231	-150.00
-4.157	134.671	-150.00	-4.000	134.907	-2.00	1473+0.000	134.987	134.593	0.394	4.000	134.907	-2.00	4.244	134.541	-150.00
-4.168	133.238	-150.00	-4.000	133.489	-2.00	1474+0.000	133.569	133.175	0.394	4.000	133.489	-2.00	4.233	133.140	-150.00
-4.221	132.016	-150.00	-4.000	132.348	-2.00	1475+0.000	132.428	131.981	0.447	4.000	132.348	-2.00	4.268	131.945	-150.00
-4.201	131.022	-150.00	-4.000	131.324	-2.00	1476+0.000	131.404	131.000	0.405	4.000	131.324	-2.00	4.200	131.024	-150.00
-4.204	130.235	-150.00	-4.000	130.542	-2.00	1477+0.000	130.622	130.272	0.349	4.000	130.542	-2.00	4.155	130.309	-150.00
-4.296	129.394	-150.00	-4.000	129.838	-2.00	1478+0.000	129.918	129.465	0.453	4.000	129.838	-2.00	4.197	129.543	-150.00
-4.275	128.722	-150.00	-4.000	129.135	-2.00	1479+0.000	129.215	128.755	0.460	4.000	129.135	-2.00	4.204	128.829	-150.00
-4.208	128.127	-150.00	-4.000	128.439	-2.00	1480+0.000	128.519	128.165	0.354	4.000	128.439	-2.00	4.157	128.203	-150.00
-4.118	127.611	-150.00	-4.000	127.788	-2.00	1481+0.000	127.868	127.672	0.196	4.000	127.788	-2.00	4.041	127.727	-150.00
-4.103	127.056	-150.00	-4.000	127.210	-2.00	1482+0.000	127.290	127.131	0.159	4.000	127.210	-2.00			
-4.190	126.644	-150.00	-4.000	126.929	-2.00	1483+0.000	127.009	126.743	0.267	4.000	126.929	-2.00	4.061	126.838	-150.00
-4.251	126.589	-150.00	-4.000	126.965	-2.00	1484+0.000	127.045	126.703	0.341	4.000	126.965	-2.00	4.097	126.819	-150.00
-4.240	126.956	-150.00	-4.000	127.316	-2.00	1485+0.000	127.396	126.925	0.471	4.000	127.316	-2.00	4.214	126.995	-150.00
-4.164	127.745	-150.00	-4.000	127.992	-2.00	1486+0.000	128.072	127.681	0.391	4.000	127.992	-2.00	4.247	127.621	-150.00
-4.159	128.805	-150.00	-4.000	129.044	-2.00	1487+0.000	129.124	128.714	0.410	4.000	129.044	-2.00	4.328	128.552	-150.00
-4.086	129.674	-150.00	-4.000	129.803	-2.00	1488+0.000	129.883	129.512	0.371	4.000	129.803	-2.00	4.307	129.342	-150.00
-4.107	130.387	-150.00	-4.000	130.547	-2.00	1489+0.000	130.627	130.225	0.403	4.000	130.547	-2.00	4.370	129.992	-150.00
-4.053	130.942	-150.00	-4.000	131.021	-2.00	1490+0.000	131.101	130.685	0.417	4.000	131.021	-2.00	4.393	130.431	-150.00
-4.021	131.404	-150.00	-4.000	131.436	-2.00	1491+0.000	131.516	131.116	0.400	4.000	131.436	-2.00	4.413	130.816	-150.00
-4.127	131.717	66.67	-4.000	131.633	-2.00	1492+0.000	131.713	131.412	0.301	4.000	131.633	-2.00	4.363	131.089	-150.00
-4.215	131.886	66.67	-4.000	131.743	-2.00	1493+0.000	131.823	131.610	0.213	4.000	131.743	-2.00	4.275	131.331	-150.00
-4.057	131.768	-150.00	-4.000	131.853	-2.00	1494+0.000	131.933	131.582	0.351	4.000	131.853	-2.00	4.312	131.385	-150.00
-4.164	131.718	-150.00	-4.000	131.963	-2.00	1495+0.000	132.043	131.705	0.338	4.000	131.963	-2.00	4.180	131.693	-150.00
-4.534	131.273	-150.00	-4.000	132.075	-2.00	1496+0.000	132.155	131.280	0.874	4.000	132.075	-2.00	4.525	131.287	-150.00
-4.685	131.160	-150.00	-4.000	132.187	-2.00	1497+0.000	132.267	131.162	1.105	4.000	132.187	-2.00	4.641	131.225	-150.00
-4.608	131.389	-150.00	-4.000	132.300	-2.00	1498+0.000	132.380	131.415	0.966	4.000	132.300	-2.00	4.401	131.699	-150.00
-4.810	131.200	-150.00	-4.000	132.415	-2.00	1499+0.000	132.495	131.563	0.931	4.000	132.415	-2.00	4.349	131.892	-150.00
-4.226	132.190	-150.00	-4.000	132.530	-2.00	1500+0.000	132.610	132.754	-0.144	4.000	132.530	-2.00	5.421	133.477	66.67
-4.179	132.378	-150.00	-4.000	132.646	-2.00	1501+0.000	132.726	133.097	-0.371	4.000	132.646	-2.00	6.179	134.099	66.67
-4.608	131.851	-150.00	-4.000	132.763	-2.00	1502+0.000	132.843	132.825	0.019	4.000	132.763	-2.00	5.990	134.090	66.67
-4.656	131.897	-150.00	-4.000	132.881	-2.00	1503+0.000	132.961	132.625	0.337	4.000	132.881	-2.00	5.739	134.040	66.67
-4.657	132.085	-150.00	-4.000	133.070	-2.00	1504+0.000	133.150	132.755	0.395	4.000	133.070	-2.00	4.704	133.540	66.67
-4.752	132.343	-150.00	-4.000	133.472	-2.00	1505+0.000	133.552	133.136	0.416	4.000	133.472	-2.00	4.663	133.914	66.67
-4.692	132.567	-150.00	-4.000	133.605	-2.00	1506+0.000	133.685	133.324	0.361	4.000	133.605	-2.00	4.745	134.102	66.67
-4.605	132.673	-150.00	-4.000	133.581	-2.00	1507+0.000	133.661	133.416	0.245	4.000	133.581	-2.00	4.950	134.215	66.67
-4.716	132.483	-150.00	-4.000	133.557	-2.00	1508+0.000	133.637	133.244	0.394	4.000	133.557	-2.00	4.733	134.046	66.67
-4.633	132.520	-150.00	-4.000	133.469	-2.00	1509+0.000	133.549	132.880	0.670	4.000	133.469	-2.00	4.261	133.644	66.67
-4.529	132.528	-150.00	-4.000	133.322	-2.00	1510+0.000	133.402	132.863	0.539	4.000	133.322	-2.00	4.066	133.222	-150.00
-4.345	132.591	-150.00	-4.000	133.108	-2.00	1511+0.000	133.188	132.782	0.406	4.000	133.108	-2.00	4.097	132.963	-150.00
-4.245	132.450	-150.00	-4.000	132.817	-2.00	1512+0.000	132.897	132.642	0.256	4.000	132.817	-2.00	4.036	132.763	-150.00
-4.235	132.174	-150.00	-4.000	132.527	-2.00	1513+0.000	132.607	132.263	0.344	4.000	132.527	-2.00	4.118	132.349	-150.00
-4.238	131.649	-150.00	-4.000	132.006	-2.00	1514+0.000	132.086	131.750	0.336	4.000	132.006	-2.00	4.115	131.834	-150.00
-4.260	130.992	-150.00	-4.000	131.382	-2.00	1515+0.000	131.462	131.094	0.368	4.000	131.382	-2.00	4.127	131.192	-150.00
-4.379	130.344	-150.00	-4.000	130.913	-2.00	1516+0.000	130.993	130.525	0.468	4.000	130.913	-2.00	4.144	130.696	-150.00
-4.433	130.084	-150.00	-4.000	130.733	-2.00	1517+0.000	130.813	130.273	0.540	4.000	130.733	-2.00	4.165	130.486	-150.00
-4.371	130.078	-150.00	-4.000	130.635	-2.00	1518+0.000	130.715	130.301	0.414	4.000	130.635	-2.00	4.084	130.510	-150.00
-4.395	130.220	-150.00	-4.000	130.812	-2.00	1519+0.000	130.892	130.458	0.434	4.000	130.812	-2.00	4.089	130.679	-150.00
-4.430	130.224	-150.00	-4.000	130.869	-2.00	1520+0.000	130.949	130.474	0.475	4.000	130.869	-2.00	4.092	130.730	-150.00
-4.351	130.229	-150.00	-4.000	130.755	-2.00	1521+0.000	130.835	130.503	0.332	4.000	130.755	-2.00			
-4.365	129.923	-150.00	-4.000	130.471	-2.00	1522+0.000	130.551	130.210	0.341	4.000	130.471	-2.00			
-4.422	129.383	-150.00	-4.000	130.017	-2.00	1523+0.000	130.097	129.674	0.422	4.000	130.017	-2.00	4.050	129.941	-150.00
-4.463	128.696	-150.00	-4.000	129.392	-2.00	1524+0.000	129.472	128.985	0.487	4.000	129.392	-2.00	4.095	129.250	-150.00
-4.453	127.920	-150.00	-4.000	128.600	-2.00	1525+0.000	128.680	128.177	0.503	4.000	128.600	-2.00	4.123	128.415	-150.00
-4.392	127.169	-150.00	-4.000	127.756	-2.00	1526+0.000	127.836	127.418	0.418	4.000	127.756	-2.00	4.107	127.595	-150.00
-4.429	126.268	-150.00	-4.000	126.912	-2.00	1527+0.000	126.992	126.456	0.536	4.000	126.912	-2.00	4.186	126.633	-150.00
-4.441	125.406	-150.00	-4.000	126.068	-2.00	1528+0.000	126.148	125.555	0.592	4.000	126.068	-2.00	4.228	125.726	-150.00
-4.320	124.743	-150.00	-4.000	125.224	-2.00	1529+0.000	125.304	124.888	0.415	4.000	125.224	-2.00	4.140	125.014	-150.00
-4.289	124.051	-150.00	-4.000	124.484	-2.00	1530+0.000	124.564	124.163	0.400	4.000	124.484	-2.00	4.141	124.272	-150.00
-4.090	123.846	-150.00	-4.000	123.980	-2.00	1531+0.000	124.060	123.900	0.160	4.000	123.980	-2.00	4.018	123.953	-150.00

Osvaldo Leonido da Si... ...ho
Diretor da Unidade de Progr...as
Projetos e Obras - DUPO
Secretaria das Cidades (Secid)

-4.135	123.512	-150.00	-4.000	123.715	-2.00	1532+0.000	123.795	123.557	0.237	4.000	123.715	-2.00	4.075	123.603	-150.00
-4.195	123.394	-150.00	-4.000	123.687	-2.00	1533+0.000	123.767	123.422	0.345	4.000	123.687	-2.00	4.158	123.449	-150.00
-4.211	123.252	-150.00	-4.000	123.568	-2.00	1534+0.000	123.648	123.195	0.453	4.000	123.568	-2.00	4.245	123.201	-150.00
-4.140	123.140	-150.00	-4.000	123.350	-2.00	1535+0.000	123.430	123.018	0.412	4.000	123.350	-2.00	4.305	122.892	-150.00
-4.114	122.645	-150.00	-4.000	122.815	-2.00	1536+0.000	122.895	122.562	0.333	4.000	122.815	-2.00	4.229	122.472	-150.00
-4.142	121.654	-150.00	-4.000	121.868	-2.00	1537+0.000	121.948	121.543	0.405	4.000	121.868	-2.00	4.293	121.428	-150.00
-4.317	120.031	-150.00	-4.000	120.507	-2.00	1538+0.000	120.587	119.906	0.680	4.000	120.507	-2.00	4.486	119.778	-150.00
-4.229	118.433	-150.00	-4.000	118.776	-2.00	1539+0.000	118.856	118.348	0.508	4.000	118.776	-2.00	4.344	118.260	-150.00
-4.301	116.854	-150.00	-4.000	117.306	-2.00	1540+0.000	117.386	116.861	0.526	4.000	117.306	-2.00	4.293	116.867	-150.00
-4.191	116.098	-150.00	-4.000	116.384	-2.00	1541+0.000	116.464	116.098	0.367	4.000	116.384	-2.00	4.191	116.098	-150.00
-4.212	115.692	-150.00	-4.000	116.011	-2.00	1542+0.000	116.091	115.776	0.315	4.000	116.011	-2.00	4.102	115.858	-150.00
-4.094	116.045	-150.00	-4.000	116.186	-2.00	1543+0.000	116.266	116.129	0.138	4.000	116.186	-2.00	4.037	116.211	66.67
-4.207	116.548	-150.00	-4.000	116.859	-2.00	1544+0.000	116.939	116.681	0.258	4.000	116.859	-2.00	4.034	116.808	-150.00
-4.267	117.218	-150.00	-4.000	117.618	-2.00	1545+0.000	117.698	117.380	0.319	4.000	117.618	-2.00	4.065	117.520	-150.00
-4.294	117.774	-150.00	-4.000	118.215	-2.00	1546+0.000	118.295	117.917	0.377	4.000	118.215	-2.00	4.107	118.055	-150.00
-4.317	118.195	-150.00	-4.000	118.670	-2.00	1547+0.000	118.750	118.335	0.416	4.000	118.670	-2.00	4.138	118.463	-150.00
-4.301	118.176	-150.00	-4.000	118.628	-2.00	1548+0.000	118.708	118.363	0.345	4.000	118.628	-2.00	4.078	118.510	-150.00
-4.326	117.927	-150.00	-4.000	118.417	-2.00	1549+0.000	118.497	118.102	0.395	4.000	118.417	-2.00	4.100	118.267	-150.00
-4.430	117.562	-150.00	-4.000	118.206	-2.00	1550+0.000	118.286	117.730	0.556	4.000	118.206	-2.00	4.211	117.890	-150.00
-4.432	117.348	-150.00	-4.000	117.995	-2.00	1551+0.000	118.075	117.478	0.597	4.000	117.995	-2.00	4.261	117.605	-150.00
-4.277	117.390	-150.00	-4.000	117.804	-2.00	1552+0.000	117.884	117.490	0.394	4.000	117.804	-2.00	4.144	117.588	-150.00
-4.328	117.691	-150.00	-4.000	118.183	-2.00	1553+0.000	118.263	117.826	0.437	4.000	118.183	-2.00	4.175	117.920	-150.00
-4.373	118.057	-150.00	-4.000	118.617	-2.00	1554+0.000	118.697	118.180	0.517	4.000	118.617	-2.00	4.212	118.298	-150.00
-4.285	118.628	-150.00	-4.000	119.055	-2.00	1555+0.000	119.135	118.728	0.407	4.000	119.055	-2.00	4.148	118.834	-150.00
-4.290	119.347	-150.00	-4.000	119.782	-2.00	1556+0.000	119.862	119.441	0.421	4.000	119.782	-2.00	4.166	119.532	-150.00
-4.311	120.175	-150.00	-4.000	120.641	-2.00	1557+0.000	120.721	120.265	0.456	4.000	120.641	-2.00	4.193	120.352	-150.00
-4.288	120.944	-150.00	-4.000	121.376	-2.00	1558+0.000	121.456	121.055	0.401	4.000	121.376	-2.00	4.142	121.163	-150.00
-4.198	121.638	-150.00	-4.000	121.935	-2.00	1559+0.000	122.015	121.725	0.289	4.000	121.935	-2.00	4.101	121.784	-150.00
-4.081	122.371	-150.00	-4.000	122.493	-2.00	1560+0.000	122.573	122.457	0.116	4.000	122.493	-2.00	4.077	122.544	66.67
-4.134	122.850	-150.00	-4.000	123.052	-2.00	1561+0.000	123.132	122.942	0.190	4.000	123.052	-2.00	4.014	123.031	-150.00
-4.277	123.195	-150.00	-4.000	123.611	-2.00	1562+0.000	123.691	123.289	0.401	4.000	123.611	-2.00	4.153	123.381	-150.00
-4.156	123.949	-150.00	-4.000	124.183	-2.00	1563+0.000	124.263	124.041	0.222	4.000	124.183	-2.00	4.045	124.116	-150.00
-4.191	124.469	-150.00	-4.000	124.756	-2.00	1564+0.000	124.836	124.378	0.458	4.000	124.756	-2.00	4.260	124.366	-150.00
-4.155	125.094	-150.00	-4.000	125.327	-2.00	1565+0.000	125.407	125.004	0.403	4.000	125.327	-2.00	4.278	124.910	-150.00
-4.095	125.530	-150.00	-4.000	125.672	-2.00	1566+0.000	125.752	125.442	0.310	4.000	125.672	-2.00	4.219	125.343	-150.00
-4.064	125.875	-150.00	-4.000	125.971	-2.00	1567+0.000	126.051	125.780	0.271	4.000	125.971	-2.00	4.193	125.682	-150.00
-4.092	126.132	-150.00	-4.000	126.270	-2.00	1568+0.000	126.350	126.022	0.328	4.000	126.270	-2.00	4.242	125.908	-150.00
-4.156	126.336	-150.00	-4.000	126.569	-2.00	1569+0.000	126.649	126.226	0.424	4.000	126.569	-2.00	4.306	126.111	-150.00
-4.177	126.603	-150.00	-4.000	126.869	-2.00	1570+0.000	126.949	126.489	0.460	4.000	126.869	-2.00	4.332	126.370	-150.00
-4.151	126.941	-150.00	-4.000	127.168	-2.00	1571+0.000	127.248	126.848	0.400	4.000	127.168	-2.00	4.277	126.751	-150.00
-4.110	127.387	-150.00	-4.000	127.551	-2.00	1572+0.000	127.631	127.280	0.352	4.000	127.551	-2.00	4.255	127.169	-150.00
-4.275	127.549	-150.00	-4.000	127.960	-2.00	1573+0.000	128.040	127.617	0.424	4.000	127.960	-2.00	4.202	127.658	-150.00
-4.211	128.154	-150.00	-4.000	128.471	-2.00	1574+0.000	128.551	128.165	0.385	4.000	128.471	-2.00	4.235	128.119	-150.00
-4.159	128.749	-150.00	-4.000	128.987	-2.00	1575+0.000	129.067	128.747	0.320	4.000	128.987	-2.00	4.162	128.745	-150.00
-4.122	129.320	-150.00	-4.000	129.504	-2.00	1576+0.000	129.584	129.334	0.250	4.000	129.504	-2.00	4.106	129.345	-150.00
-4.203	129.715	-150.00	-4.000	130.020	-2.00	1577+0.000	130.100	129.745	0.355	4.000	130.020	-2.00	4.170	129.766	-150.00
-4.250	129.995	-150.00	-4.000	130.370	-2.00	1578+0.000	130.450	130.036	0.414	4.000	130.370	-2.00	4.194	130.079	-150.00
-4.244	130.207	-150.00	-4.000	130.574	-2.00	1579+0.000	130.654	130.251	0.403	4.000	130.574	-2.00	4.199	130.275	-150.00
-4.238	130.146	-150.00	-4.000	130.504	-2.00	1580+0.000	130.584	130.178	0.406	4.000	130.504	-2.00	4.203	130.199	-150.00
-4.245	129.938	-150.00	-4.000	130.305	-2.00	1581+0.000	130.385	129.972	0.413	4.000	130.305	-2.00	4.202	130.003	-150.00
-4.267	129.555	-150.00	-4.000	129.956	-2.00	1582+0.000	130.036	129.596	0.439	4.000	129.956	-2.00	4.213	129.637	-150.00
-4.300	129.155	-150.00	-4.000	129.604	-2.00	1583+0.000	129.684	129.200	0.485	4.000	129.604	-2.00	4.240	129.245	-150.00
-4.312	128.785	-150.00	-4.000	129.253	-2.00	1584+0.000	129.333	128.817	0.516	4.000	129.253	-2.00	4.266	128.854	-150.00
-4.249	128.592	-150.00	-4.000	128.964	-2.00	1585+0.000	129.044	128.632	0.412	4.000	128.964	-2.00	4.185	128.686	-150.00
-4.233	128.456	-150.00	-4.000	128.806	-2.00	1586+0.000	128.886	128.485	0.401	4.000	128.806	-2.00	4.182	128.533	-150.00
-4.236	128.380	-150.00	-4.000	128.733	-2.00	1587+0.000	128.813	128.408	0.405	4.000	128.733	-2.00	4.198	128.437	-150.00
-4.233	128.314	-150.00	-4.000	128.663	-2.00	1588+0.000	128.743	128.346	0.397	4.000	128.663	-2.00	4.193	128.373	-150.00
-4.254	128.170	-150.00	-4.000	128.551	-2.00	1589+0.000	128.631	128.215	0.416	4.000	128.551	-2.00	4.194	128.260	-150.00
-4.243	127.891	-150.00	-4.000	128.255	-2.00	1590+0.000	128.335	127.931	0.404	4.000	128.255	-2.00	4.182	127.982	-150.00
-4.309	127.909	-150.00	-4.000	128.372	-2.00	1591+0.000	128.452	128.008	0.444	4.000	128.372	-2.00	4.167	128.123	-150.00
-4.364	128.201	-150.00	-4.000	128.747	-2.00	1592+0.000	128.827	128.309	0.518	4.000	128.747	-2.00	4.220	128.417	-150.00
-4.309	128.657	-150.00	-4.000	129.121	-2.00	1593+0.000	129.201	128.772	0.429	4.000	129.121	-2.00	4.160	128.881	-150.00
-4.289	129.182	-150.00	-4.000	129.616	-2.00	1594+0.000	129.696	129.290	0.406	4.000	129.616	-2.00	4.147	129.395	-150.00
-4.304	129.807	-150.00	-4.000	130.264	-2.00	1595+0.000	130.344	129.902	0.441	4.000	130.264	-2.00	4.174	130.002	-150.00
-4.311	130.444	-150.00	-4.000	130.911	-2.00	1596+0.000	130.991	130.556	0.435	4.000	130.911	-2.00	4.154	130.680	-150.00
-4.316	131.077	-150.00	-4.000	131.551	-2.00	1597+0.000	131.631	131.228	0.403	4.000	131.551	-2.00	4.132	131.354	-150.00
-4.237	131.629	-150.00	-4.000	131.986	-2.00	1598+0.000	132.066	131.778	0.287	4.000	131.986	-2.00	4.043	131.920	-150.00
-4.283	131.876	-150.00	-4.000	132.301	-2.00	1599+0.000	132.381	132.051	0.329	4.000	132.301	-2.00	4.053	132.221	-150.00
-4.366	132.027	-150.00	-4.000	132.575	-2.00	1600+0.000	132.655	132.245	0.410	4.000	132.575	-2.00	4.084	132.449	-150.00
-4.365	131.808	-150.00	-4.000	132.356	-2.00	1601+0.000	132.436	132.022	0.413	4.000	132.356	-2.00	4.090	132.221	-150.00
-4.388	131.533	-150.00	-4.000	132.115	-2.00	1602+0.000	132.195	131.743	0.453	4.000	132.115	-2.00	4.125	131.928	-150.00
-4.465	131.183	-150.00	-4.000	131.880	-2.00	1603+0.000	131.960	131.376	0.584	4.000	131.880	-2.00	4.214	131.559	-150.00
-4.445	130.979	-150.00	-4.000	131.646	-2.00	1604+0.000	131.726	131.155	0.571	4.000	131.646	-2.00	4.200	131.346	-150.00
-4.326	130.971	-150.00	-4.000	131.460	-2.00	1605+0.000	131.540	131.176	0.365	4.000	131.460	-2.00	4.062	131.368	-150.00
-4.392	131.177	-150.00	-4.000	131.765	-2.00	1606+0.000	131.845	131.432	0.413	4.000	131.765	-2.00	4.065	131.667	-150.00
-4.464	131.327	-150.00	-4.000	132.022	-2.00	1607+0.000	132.102	131.642	0.460	4.000	132.022	-2.00	4.076	131.908	-150.00
-4.322	131.458	-150.00	-4.000	131.942	-2.00	1608+0.000	132.022	131.804	0.218	4.000	131.942	-2.00	4.249	132.108	66.67
-4.475	130.789	-150.00	-4.000	131.501	-2.00	1609+0.000	131.581	131.213	0.368	4.000	131.501	-2.00	4.160	131.607	66.67
-4.554	129.867	-150.00	-4.000	130.698	-2.00	1610+0.000	130.778	130.331	0.446	4.000	130.698	-2.00	4.073	130.746	66.67
-4.546	128.740	-150.00	-4.000	129.559	-2.00	1611+0.000	129.639	129.181	0.457	4.000	129.559	-2.00	4.039	129.585	66.67
-4.486	127.620	-150.00	-4.000	128.349	-2.00	1612+0.000	128.429	128.056	0.372	4.000	128.349	-2.00	4.223	128.497	66.67

Osvaldo Leônicio da Silv...
Diretor da Unidade de Proje...
Projetos e Obras - CUIP...
Secretaria de ...

-4.434	126.709	-150.00	-4.000	127.360	-2.00	1613+0.000	127.440	127.122	0.318	4.000	127.360	-2.00	4.234	127.516	66.67
-4.309	126.366	-150.00	-4.000	126.830	-2.00	1614+0.000	126.910	126.703	0.206	4.000	126.830	-2.00	4.317	127.041	66.67
-4.337	126.252	-150.00	-4.000	126.758	-2.00	1615+0.000	126.838	126.515	0.323	4.000	126.758	-2.00			
-4.418	126.416	-150.00	-4.000	127.043	-2.00	1616+0.000	127.123	126.637	0.486	4.000	127.043	-2.00	4.118	126.866	-150.00
-4.370	126.799	-150.00	-4.000	127.354	-2.00	1617+0.000	127.434	126.992	0.442	4.000	127.354	-2.00	4.076	127.240	-150.00
-4.396	127.021	-150.00	-4.000	127.615	-2.00	1618+0.000	127.695	127.287	0.408	4.000	127.615	-2.00	4.055	127.532	-150.00
-4.392	127.175	-150.00	-4.000	127.764	-2.00	1619+0.000	127.844	127.420	0.423	4.000	127.764	-2.00	4.077	127.648	-150.00
-4.362	126.735	-150.00	-4.000	127.279	-2.00	1620+0.000	127.359	126.952	0.407	4.000	127.279	-2.00	4.052	127.201	-150.00
-4.266	126.259	-150.00	-4.000	126.658	-2.00	1621+0.000	126.738	126.470	0.269	4.000	126.658	-2.00	4.014	126.668	66.67
-4.306	125.579	-150.00	-4.000	126.038	-2.00	1622+0.000	126.118	125.742	0.377	4.000	126.038	-2.00	4.064	125.942	-150.00
-4.295	125.366	-150.00	-4.000	125.809	-2.00	1623+0.000	125.889	125.471	0.417	4.000	125.809	-2.00	4.110	125.644	-150.00
-4.337	125.319	-150.00	-4.000	125.825	-2.00	1624+0.000	125.905	125.500	0.405	4.000	125.825	-2.00	4.090	125.690	-150.00
-4.360	125.874	-150.00	-4.000	126.414	-2.00	1625+0.000	126.494	126.064	0.429	4.000	126.414	-2.00	4.112	126.245	-150.00
-4.354	126.489	-150.00	-4.000	127.021	-2.00	1626+0.000	127.101	126.719	0.382	4.000	127.021	-2.00	4.059	126.932	-150.00
-4.334	127.055	-150.00	-4.000	127.556	-2.00	1627+0.000	127.636	127.298	0.339	4.000	127.556	-2.00	4.022	127.522	-150.00
-4.440	126.995	-150.00	-4.000	127.655	-2.00	1628+0.000	127.735	127.273	0.462	4.000	127.655	-2.00	4.084	127.529	-150.00
-4.420	126.522	-150.00	-4.000	127.153	-2.00	1629+0.000	127.233	126.770	0.462	4.000	127.153	-2.00	4.102	127.000	-150.00
-4.403	125.609	-150.00	-4.000	126.213	-2.00	1630+0.000	126.293	125.878	0.415	4.000	126.213	-2.00	4.058	126.126	-150.00
-4.448	124.593	-150.00	-4.000	125.264	-2.00	1631+0.000	125.344	124.860	0.485	4.000	125.264	-2.00	4.106	125.106	-150.00
-4.482	123.598	-150.00	-4.000	124.320	-2.00	1632+0.000	124.400	123.852	0.548	4.000	124.320	-2.00	4.145	124.102	-150.00
-4.454	122.758	-150.00	-4.000	123.439	-2.00	1633+0.000	123.519	123.002	0.517	4.000	123.439	-2.00	4.130	123.245	-150.00
-4.359	122.100	-150.00	-4.000	122.638	-2.00	1634+0.000	122.718	122.267	0.451	4.000	122.638	-2.00	4.141	122.427	-150.00
-4.340	121.407	-150.00	-4.000	121.917	-2.00	1635+0.000	121.997	121.586	0.411	4.000	121.917	-2.00	4.114	121.746	-150.00
-4.216	120.941	-150.00	-4.000	121.265	-2.00	1636+0.000	121.345	121.040	0.305	4.000	121.265	-2.00	4.086	121.135	-150.00
-4.185	120.447	-150.00	-4.000	120.725	-2.00	1637+0.000	120.805	120.548	0.257	4.000	120.725	-2.00	4.059	120.636	-150.00
-4.276	120.001	-150.00	-4.000	120.415	-2.00	1638+0.000	120.495	120.105	0.389	4.000	120.415	-2.00	4.137	120.210	-150.00
-4.189	120.052	-150.00	-4.000	120.335	-2.00	1639+0.000	120.415	120.151	0.264	4.000	120.335	-2.00	4.082	120.212	-150.00
-4.207	120.175	-150.00	-4.000	120.486	-2.00	1640+0.000	120.566	120.253	0.312	4.000	120.486	-2.00	4.104	120.329	-150.00
-4.247	120.496	-150.00	-4.000	120.867	-2.00	1641+0.000	120.947	120.564	0.382	4.000	120.867	-2.00	4.163	120.622	-150.00
-4.114	121.307	-150.00	-4.000	121.478	-2.00	1642+0.000	121.558	121.305	0.253	4.000	121.478	-2.00	4.066	121.379	-150.00
-4.098	122.159	-150.00	-4.000	122.306	-2.00	1643+0.000	122.386	122.156	0.230	4.000	122.306	-2.00	4.074	122.194	-150.00
-4.090	123.046	-150.00	-4.000	123.182	-2.00	1644+0.000	123.262	123.055	0.207	4.000	123.182	-2.00	4.083	123.057	-150.00
-4.201	123.756	-150.00	-4.000	124.058	-2.00	1645+0.000	124.138	123.798	0.340	4.000	124.058	-2.00	4.145	123.840	-150.00
-4.269	124.379	-150.00	-4.000	124.781	-2.00	1646+0.000	124.861	124.395	0.467	4.000	124.781	-2.00	4.247	124.411	-150.00
-4.274	124.471	-150.00	-4.000	124.881	-2.00	1647+0.000	124.961	124.579	0.382	4.000	124.881	-2.00	4.131	124.684	-150.00
-4.240	124.245	-150.00	-4.000	124.605	-2.00	1648+0.000	124.685	124.324	0.361	4.000	124.605	-2.00	4.134	124.404	-150.00
-4.349	123.845	-150.00	-4.000	124.369	-2.00	1649+0.000	124.449	124.034	0.415	4.000	124.369	-2.00	4.105	124.212	-150.00
-4.389	123.014	-150.00	-4.000	123.597	-2.00	1650+0.000	123.677	123.248	0.428	4.000	123.597	-2.00	4.087	123.467	-150.00
-4.343	122.243	-150.00	-4.000	122.758	-2.00	1651+0.000	122.838	122.422	0.416	4.000	122.758	-2.00	4.077	122.642	-150.00
-4.318	121.524	-150.00	-4.000	122.001	-2.00	1652+0.000	122.081	121.659	0.422	4.000	122.001	-2.00	4.065	121.902	-150.00
-4.371	121.021	-150.00	-4.000	121.577	-2.00	1653+0.000	121.657	121.167	0.490	4.000	121.577	-2.00	4.180	121.308	-150.00
-4.308	120.704	-150.00	-4.000	121.166	-2.00	1654+0.000	121.246	120.819	0.427	4.000	121.166	-2.00	4.157	120.930	-150.00
-4.227	120.440	-150.00	-4.000	120.781	-2.00	1655+0.000	120.861	120.545	0.316	4.000	120.781	-2.00	4.090	120.646	-150.00
-4.249	120.414	-150.00	-4.000	120.787	-2.00	1656+0.000	120.867	120.510	0.357	4.000	120.787	-2.00	4.118	120.610	-150.00
-4.279	120.535	-150.00	-4.000	120.954	-2.00	1657+0.000	121.034	120.634	0.400	4.000	120.954	-2.00	4.149	120.731	-150.00
-4.260	120.731	-150.00	-4.000	121.121	-2.00	1658+0.000	121.201	120.826	0.375	4.000	121.121	-2.00	4.135	120.919	-150.00
-4.260	120.898	-150.00	-4.000	121.288	-2.00	1659+0.000	121.368	120.993	0.376	4.000	121.288	-2.00	4.136	121.084	-150.00
-4.269	121.012	-150.00	-4.000	121.416	-2.00	1660+0.000	121.496	121.093	0.403	4.000	121.416	-2.00	4.159	121.178	-150.00
-4.268	120.909	-150.00	-4.000	121.311	-2.00	1661+0.000	121.391	120.979	0.412	4.000	121.311	-2.00	4.166	121.062	-150.00
-4.289	120.643	-150.00	-4.000	121.077	-2.00	1662+0.000	121.157	120.720	0.436	4.000	121.077	-2.00	4.188	120.794	-150.00
-4.262	120.409	-150.00	-4.000	120.802	-2.00	1663+0.000	120.882	120.452	0.430	4.000	120.802	-2.00	4.205	120.494	-150.00
-4.224	120.191	-150.00	-4.000	120.527	-2.00	1664+0.000	120.607	120.224	0.384	4.000	120.527	-2.00	4.175	120.264	-150.00
-4.239	120.181	-150.00	-4.000	120.539	-2.00	1665+0.000	120.619	120.224	0.396	4.000	120.539	-2.00	4.182	120.266	-150.00
-4.325	120.182	-150.00	-4.000	120.670	-2.00	1666+0.000	120.750	120.250	0.500	4.000	120.670	-2.00	4.230	120.325	-150.00
-4.335	120.298	-150.00	-4.000	120.800	-2.00	1667+0.000	120.880	120.411	0.470	4.000	120.800	-2.00	4.187	120.520	-150.00
-4.333	120.431	-150.00	-4.000	120.931	-2.00	1668+0.000	121.011	120.606	0.405	4.000	120.931	-2.00	4.132	120.732	-150.00
-4.329	120.568	-150.00	-4.000	121.061	-2.00	1669+0.000	121.141	120.743	0.398	4.000	121.061	-2.00	4.102	120.908	-150.00
-4.325	120.935	-150.00	-4.000	121.423	-2.00	1670+0.000	121.503	121.179	0.324	4.000	121.423	-2.00	4.034	121.372	-150.00
-4.341	121.313	-150.00	-4.000	121.824	-2.00	1671+0.000	121.904	121.586	0.318	4.000	121.824	-2.00	4.012	121.806	-150.00
-4.385	121.648	-150.00	-4.000	122.225	-2.00	1672+0.000	122.305	121.926	0.379	4.000	122.225	-2.00	4.029	122.181	-150.00
-4.466	121.875	-150.00	-4.000	122.574	-2.00	1673+0.000	122.654	122.166	0.488	4.000	122.574	-2.00	4.094	122.432	-150.00
-4.400	122.041	-150.00	-4.000	122.642	-2.00	1674+0.000	122.722	122.311	0.411	4.000	122.642	-2.00	4.055	122.560	-150.00
-4.386	121.824	-150.00	-4.000	122.403	-2.00	1675+0.000	122.483	122.080	0.404	4.000	122.403	-2.00	4.058	122.316	-150.00
-4.335	121.397	-150.00	-4.000	121.898	-2.00	1676+0.000	121.978	121.638	0.340	4.000	121.898	-2.00	4.024	121.862	-150.00
-4.333	120.837	-150.00	-4.000	121.336	-2.00	1677+0.000	121.416	121.068	0.348	4.000	121.336	-2.00	4.035	121.284	-150.00
-4.376	120.072	-150.00	-4.000	120.636	-2.00	1678+0.000	120.716	120.305	0.410	4.000	120.636	-2.00	4.077	120.520	-150.00
-4.332	119.313	-150.00	-4.000	119.811	-2.00	1679+0.000	119.891	119.483	0.408	4.000	119.811	-2.00	4.098	119.664	-150.00
-4.296	118.534	-150.00	-4.000	118.979	-2.00	1680+0.000	119.059	118.683	0.376	4.000	118.979	-2.00	4.085	118.851	-150.00
-4.224	117.881	-150.00	-4.000	118.217	-2.00	1681+0.000	118.297	117.985	0.312	4.000	118.217	-2.00	4.088	118.085	-150.00
-4.180	117.287	-150.00	-4.000	117.556	-2.00	1682+0.000	117.636	117.397	0.240	4.000	117.556	-2.00	4.066	117.457	-150.00
-4.162	116.753	-150.00	-4.000	116.997	-2.00	1683+0.000	117.077	116.815	0.262	4.000	116.997	-2.00	4.081	116.875	-150.00
-4.169	116.285	-150.00	-4.000	116.539	-2.00	1684+0.000	116.619	116.352	0.266	4.000	116.539	-2.00	4.080	116.419	-150.00
-4.190	115.897	-150.00	-4.000	116.181	-2.00	1685+0.000	116.261	115.972	0.290	4.000	116.181	-2.00	4.091	116.045	-150.00
-4.181	115.654	-150.00	-4.000	115.925	-2.00	1686+0.000	116.005	115.726	0.280	4.000	115.925	-2.00	4.086	115.796	-150.00
-4.187	115.489	-150.00	-4.000	115.770	-2.00	1687+0.000	115.850	115.566	0.285	4.000	115.770	-2.00	4.087	115.640	-150.00
-4.264	115.425	-150.00	-4.000	115.822	-2.00	1688+0.000	115.902	115.522	0.379	4.000	115.822	-2.00	4.132	115.624	-150.00
-4.251	115.738	-150.00	-4.000	116.114	-2.00	1689+0.000	116.194	115.799	0.395	4.000	116.114	-2.00	4.143	115.900	-150.00
-4.304	116.070	-150.00	-4.000	116.525	-2.00	1690+0.000	116.605	116.148	0.457	4.000	116.525	-2.00	4.194	116.234	-150.00
-4.353	116.453	-150.00	-4.000	116.982	-2.00	1691+0.000	117.062	116.531	0.531	4.000	116.982	-2.00	4.250	116.607	-150.00
-4.295	116.778	-150.00	-4.000	117.221	-2.00	1692+0.000	117.301	116.869	0.433	4.000	117.221	-2.00	4.185	116.943	-150.00
-4.305	116.722	-150.00	-4.000	117.179	-2.00	1693+0.000	117.259	116.801	0.458	4.000	117.179	-2.00	4.201	116.878	-150.00

Osvaldo Leôncio da Silv[illegible]no
Diretor da Unidade de Progr[illegible]as
Projetos e Obras - DUPPO
Secretaria das Cidades (Sr[illegible])

-4.238	116.497	-150.00	-4.000	116.855	-2.00	1694+0.000	116.935	116.550	0.384	4.000	116.855	-2.00	4.168	116.603	-150.00
-4.284	115.871	-150.00	-4.000	116.296	-2.00	1695+0.000	116.376	115.876	0.500	4.000	116.296	-2.00	4.276	115.882	-150.00
-4.215	115.391	-150.00	-4.000	115.713	-2.00	1696+0.000	115.793	115.395	0.398	4.000	115.713	-2.00	4.205	115.406	-150.00
-4.168	115.156	-150.00	-4.000	115.408	-2.00	1697+0.000	115.488	115.145	0.344	4.000	115.408	-2.00	4.183	115.133	-150.00
-4.123	115.491	-150.00	-4.000	115.675	-2.00	1698+0.000	115.755	115.504	0.251	4.000	115.675	-2.00	4.106	115.516	-150.00
-4.322	115.991	-150.00	-4.000	116.473	-2.00	1699+0.000	116.553	116.153	0.400	4.000	116.473	-2.00	4.160	116.234	-150.00
-4.307	116.926	-150.00	-4.000	117.387	-2.00	1700+0.000	117.467	117.121	0.346	4.000	117.387	-2.00	4.084	117.260	-150.00
-4.442	117.750	-150.00	-4.000	118.414	-2.00	1701+0.000	118.494	118.084	0.409	4.000	118.414	-2.00	4.018	118.386	-150.00
-4.335	118.766	-150.00	-4.000	119.269	-2.00	1702+0.000	119.349	119.063	0.286	4.000	119.269	-2.00	4.113	119.344	66.67
-4.433	119.186	-150.00	-4.000	119.836	-2.00	1703+0.000	119.916	119.565	0.351	4.000	119.836	-2.00	4.123	119.918	66.67
-4.489	119.380	-150.00	-4.000	120.115	-2.00	1704+0.000	120.195	119.737	0.458	4.000	120.115	-2.00	4.034	120.063	-150.00
-4.523	119.419	-150.00	-4.000	120.203	-2.00	1705+0.000	120.283	119.856	0.427	4.000	120.203	-2.00	4.069	120.249	66.67
-4.539	119.042	-150.00	-4.000	119.850	-2.00	1706+0.000	119.930	119.523	0.407	4.000	119.850	-2.00	4.174	119.966	66.67
-4.551	118.539	-150.00	-4.000	119.366	-2.00	1707+0.000	119.446	119.045	0.400	4.000	119.366	-2.00	4.225	119.516	66.67
-4.498	118.020	-150.00	-4.000	118.767	-2.00	1708+0.000	118.847	118.459	0.389	4.000	118.767	-2.00	4.246	118.931	66.67
-4.445	117.502	-150.00	-4.000	118.169	-2.00	1709+0.000	118.249	117.881	0.368	4.000	118.169	-2.00	4.147	118.267	66.67
-4.390	116.986	-150.00	-4.000	117.571	-2.00	1710+0.000	117.651	117.345	0.306	4.000	117.571	-2.00	4.140	117.664	66.67
-4.375	116.410	-150.00	-4.000	116.973	-2.00	1711+0.000	117.053	116.747	0.305	4.000	116.973	-2.00	4.142	117.067	66.67
-4.337	115.869	-150.00	-4.000	116.374	-2.00	1712+0.000	116.454	116.198	0.256	4.000	116.374	-2.00	4.214	116.517	66.67
-4.305	115.319	-150.00	-4.000	115.776	-2.00	1713+0.000	115.856	115.645	0.211	4.000	115.776	-2.00	4.291	115.970	66.67
-4.288	114.746	-150.00	-4.000	115.178	-2.00	1714+0.000	115.258	115.061	0.196	4.000	115.178	-2.00	4.299	115.377	66.67
-4.391	113.993	-150.00	-4.000	114.579	-2.00	1715+0.000	114.659	114.308	0.351	4.000	114.579	-2.00	4.028	114.598	66.67
-4.410	113.110	-150.00	-4.000	113.724	-2.00	1716+0.000	113.804	113.401	0.403	4.000	113.724	-2.00	4.038	113.667	-150.00
-4.408	111.805	-150.00	-4.000	112.416	-2.00	1717+0.000	112.496	112.089	0.407	4.000	112.416	-2.00	4.042	112.353	-150.00
-4.341	110.406	-150.00	-4.000	110.918	-2.00	1718+0.000	110.998	110.587	0.411	4.000	110.918	-2.00	4.064	110.822	-150.00
-4.362	108.867	-150.00	-4.000	109.410	-2.00	1719+0.000	109.490	109.040	0.449	4.000	109.410	-2.00	4.134	109.208	-150.00
-4.333	107.403	-150.00	-4.000	107.901	-2.00	1720+0.000	107.981	107.525	0.456	4.000	107.901	-2.00	4.172	107.643	-150.00
-4.198	106.102	-150.00	-4.000	106.399	-2.00	1721+0.000	106.479	106.214	0.265	4.000	106.399	-2.00	4.086	106.271	-150.00
-4.262	104.842	-150.00	-4.000	105.234	-2.00	1722+0.000	105.314	104.906	0.408	4.000	105.234	-2.00	4.177	104.969	-150.00
-4.201	104.291	-150.00	-4.000	104.592	-2.00	1723+0.000	104.672	104.307	0.365	4.000	104.592	-2.00	4.159	104.354	-150.00
-4.200	104.174	-150.00	-4.000	104.474	-2.00	1724+0.000	104.554	104.195	0.359	4.000	104.474	-2.00	4.172	104.216	-150.00
-4.211	104.562	-150.00	-4.000	104.878	-2.00	1725+0.000	104.958	104.510	0.449	4.000	104.878	-2.00	4.281	104.456	-150.00
-4.165	105.557	-150.00	-4.000	105.805	-2.00	1726+0.000	105.885	105.504	0.381	4.000	105.805	-2.00	4.236	105.451	-150.00
-4.123	106.755	-150.00	-4.000	106.940	-2.00	1727+0.000	107.020	106.665	0.355	4.000	106.940	-2.00	4.240	106.579	-150.00
-4.017	108.017	-150.00	-4.000	108.044	-2.00	1728+0.000	108.124	107.874	0.250	4.000	108.044	-2.00	4.214	107.723	-150.00
-4.162	109.255	66.67	-4.000	109.147	-2.00	1729+0.000	109.227	109.068	0.159	4.000	109.147	-2.00	4.178	108.880	-150.00
-4.224	110.400	66.67	-4.000	110.251	-2.00	1730+0.000	110.331	110.239	0.092	4.000	110.251	-2.00	4.112	110.083	-150.00
-4.023	111.321	-150.00	-4.000	111.355	-2.00	1731+0.000	111.435	111.181	0.254	4.000	111.355	-2.00	4.180	111.085	-150.00
-4.063	112.364	-150.00	-4.000	112.458	-2.00	1732+0.000	112.538	112.277	0.261	4.000	112.458	-2.00	4.185	112.181	-150.00
-4.049	113.489	-150.00	-4.000	113.562	-2.00	1733+0.000	113.642	113.403	0.239	4.000	113.562	-2.00	4.165	113.314	-150.00
-4.150	114.441	-150.00	-4.000	114.665	-2.00	1734+0.000	114.745	114.367	0.378	4.000	114.665	-2.00	4.248	114.293	-150.00
-4.211	115.232	-150.00	-4.000	115.548	-2.00	1735+0.000	115.628	115.205	0.423	4.000	115.548	-2.00	4.239	115.190	-150.00
-4.119	115.875	-150.00	-4.000	116.053	-2.00	1736+0.000	116.133	115.841	0.291	4.000	116.053	-2.00	4.163	115.808	-150.00
-4.107	116.299	-150.00	-4.000	116.459	-2.00	1737+0.000	116.539	116.290	0.249	4.000	116.459	-2.00	4.118	116.282	-150.00
-4.202	116.556	-150.00	-4.000	116.860	-2.00	1738+0.000	116.940	116.540	0.400	4.000	116.860	-2.00	4.225	116.523	-150.00
-4.191	116.568	-150.00	-4.000	116.855	-2.00	1739+0.000	116.935	116.531	0.403	4.000	116.855	-2.00	4.240	116.494	-150.00
-4.176	116.378	-150.00	-4.000	116.642	-2.00	1740+0.000	116.722	116.322	0.400	4.000	116.642	-2.00	4.215	116.320	-150.00
-4.118	116.065	-150.00	-4.000	116.243	-2.00	1741+0.000	116.323	116.045	0.278	4.000	116.243	-2.00	4.155	116.011	-150.00
-4.072	115.709	-150.00	-4.000	115.816	-2.00	1742+0.000	115.896	115.649	0.247	4.000	115.816	-2.00	4.152	115.588	-150.00
-4.107	115.230	-150.00	-4.000	115.390	-2.00	1743+0.000	115.470	115.133	0.337	4.000	115.390	-2.00	4.232	115.042	-150.00
-4.113	114.794	-150.00	-4.000	114.964	-2.00	1744+0.000	115.044	114.667	0.377	4.000	114.964	-2.00	4.251	114.588	-150.00
-4.160	114.391	-150.00	-4.000	114.632	-2.00	1745+0.000	114.712	114.306	0.406	4.000	114.632	-2.00	4.273	114.223	-150.00
-4.227	114.194	-150.00	-4.000	114.534	-2.00	1746+0.000	114.614	114.106	0.507	4.000	114.534	-2.00	4.345	114.017	-150.00
-4.197	114.143	-150.00	-4.000	114.438	-2.00	1747+0.000	114.518	114.045	0.473	4.000	114.438	-2.00	4.329	113.944	-150.00
-4.141	114.208	-150.00	-4.000	114.420	-2.00	1748+0.000	114.500	114.097	0.403	4.000	114.420	-2.00	4.280	114.000	-150.00
-4.132	114.378	-150.00	-4.000	114.576	-2.00	1749+0.000	114.656	114.300	0.356	4.000	114.576	-2.00	4.237	114.220	-150.00
-4.139	114.528	-150.00	-4.000	114.737	-2.00	1750+0.000	114.817	114.457	0.360	4.000	114.737	-2.00	4.230	114.392	-150.00
-4.148	114.677	-150.00	-4.000	114.899	-2.00	1751+0.000	114.979	114.565	0.414	4.000	114.899	-2.00	4.300	114.449	-150.00
-4.127	114.714	-150.00	-4.000	114.906	-2.00	1752+0.000	114.986	114.580	0.406	4.000	114.906	-2.00	4.311	114.439	-150.00
-4.132	114.544	-150.00	-4.000	114.742	-2.00	1753+0.000	114.822	114.393	0.429	4.000	114.742	-2.00	4.328	114.250	-150.00
-4.137	114.372	-150.00	-4.000	114.578	-2.00	1754+0.000	114.658	114.234	0.424	4.000	114.578	-2.00	4.340	114.067	-150.00
-4.151	114.187	-150.00	-4.000	114.414	-2.00	1755+0.000	114.494	113.981	0.512	4.000	114.414	-2.00	4.435	113.762	-150.00
-4.059	114.221	-150.00	-4.000	114.309	-2.00	1756+0.000	114.389	114.003	0.386	4.000	114.309	-2.00	4.351	113.782	-150.00
-4.042	114.501	-150.00	-4.000	114.564	-2.00	1757+0.000	114.644	114.263	0.381	4.000	114.564	-2.00	4.372	114.007	-150.00
-4.037	114.809	-150.00	-4.000	114.866	-2.00	1758+0.000	114.946	114.549	0.397	4.000	114.866	-2.00	4.401	114.264	-150.00
-4.040	115.191	-150.00	-4.000	115.250	-2.00	1759+0.000	115.330	114.931	0.399	4.000	115.250	-2.00	4.401	114.649	-150.00
-4.050	115.478	-150.00	-4.000	115.554	-2.00	1760+0.000	115.634	115.227	0.407	4.000	115.554	-2.00	4.405	114.947	-150.00
-4.041	115.663	-150.00	-4.000	115.725	-2.00	1761+0.000	115.805	115.412	0.394	4.000	115.725	-2.00	4.393	115.136	-150.00
-4.055	115.969	-150.00	-4.000	116.052	-2.00	1762+0.000	116.132	115.733	0.399	4.000	116.052	-2.00	4.406	115.443	-150.00
-4.119	116.392	-150.00	-4.000	116.571	-2.00	1763+0.000	116.651	116.250	0.401	4.000	116.571	-2.00	4.369	116.017	-150.00
-4.126	117.102	-150.00	-4.000	117.292	-2.00	1764+0.000	117.372	116.981	0.390	4.000	117.292	-2.00	4.291	116.855	-150.00
-4.200	117.989	-150.00	-4.000	118.288	-2.00	1765+0.000	118.368	117.938	0.431	4.000	118.288	-2.00	4.268	117.886	-150.00
-4.177	119.108	-150.00	-4.000	119.373	-2.00	1766+0.000	119.453	119.052	0.401	4.000	119.373	-2.00	4.252	118.996	-150.00
-4.210	120.144	-150.00	-4.000	120.459	-2.00	1767+0.000	120.539	120.183	0.355	4.000	120.459	-2.00	4.157	120.224	-150.00
-4.284	121.078	-150.00	-4.000	121.504	-2.00	1768+0.000	121.584	121.088	0.496	4.000	121.504	-2.00	4.271	121.097	-150.00
-4.183	121.707	-150.00	-4.000	121.982	-2.00	1769+0.000	122.062	121.785	0.277	4.000	121.982	-2.00	4.085	121.854	-150.00
-4.433	121.080	-150.00	-4.000	121.729	-2.00	1770+0.000	121.809	121.372	0.436	4.000	121.729	-2.00	4.139	121.521	-150.00
-4.303	120.269	-150.00	-4.000	120.724	-2.00	1771+0.000	120.804	120.523	0.281	4.000	120.724	-2.00	4.041	120.751	66.67
-4.308	119.086	-150.00	-4.000	119.548	-2.00	1772+0.000	119.628	119.340	0.289	4.000	119.548	-2.00	4.045	119.578	66.67
-4.306	117.947	-150.00	-4.000	118.406	-2.00	1773+0.000	118.486	118.199	0.287	4.000	118.406	-2.00	4.045	118.436	66.67
-4.351	117.063	-150.00	-4.000	117.590	-2.00	1774+0.000	117.670	117.345	0.326	4.000	117.590	-2.00	4.021	117.605	66.67

Osvaldo Leôncio da Silveira
Diretor da Unidade de Projetos
Projetos e Obras - DUPPO
Secretaria das Cidades

-4.336	116.666	-150.00	-4.000	117.170	-2.00	1775+0.000	117.250	116.923	0.327	4.000	117.170	-2.00	4.006	117.160	-150.00
-4.304	116.688	-150.00	-4.000	117.143	-2.00	1776+0.000	117.223	116.963	0.260	4.000	117.143	-2.00	4.092	117.205	66.67
-4.446	116.767	-150.00	-4.000	117.436	-2.00	1777+0.000	117.516	117.013	0.503	4.000	117.436	-2.00	4.130	117.241	-150.00
-4.380	116.957	-150.00	-4.000	117.528	-2.00	1778+0.000	117.608	117.199	0.409	4.000	117.528	-2.00	4.091	117.392	-150.00
-4.295	116.874	-150.00	-4.000	117.317	-2.00	1779+0.000	117.397	117.077	0.320	4.000	117.317	-2.00	4.049	117.244	-150.00
-4.154	116.573	-150.00	-4.000	116.804	-2.00	1780+0.000	116.884	116.721	0.163	4.000	116.804	-2.00	4.095	116.868	66.67
-4.279	115.571	-150.00	-4.000	115.989	-2.00	1781+0.000	116.069	115.709	0.360	4.000	115.989	-2.00	4.094	115.849	-150.00
-4.222	114.660	-150.00	-4.000	114.992	-2.00	1782+0.000	115.072	114.740	0.332	4.000	114.992	-2.00	4.116	114.819	-150.00
-4.262	113.600	-150.00	-4.000	113.993	-2.00	1783+0.000	114.073	113.707	0.366	4.000	113.993	-2.00	4.127	113.803	-150.00
-4.309	112.817	-150.00	-4.000	113.281	-2.00	1784+0.000	113.361	112.976	0.384	4.000	113.281	-2.00	4.103	113.126	-150.00
-4.326	112.276	-150.00	-4.000	112.765	-2.00	1785+0.000	112.845	112.428	0.417	4.000	112.765	-2.00	4.152	112.537	-150.00
-4.449	111.803	-150.00	-4.000	112.478	-2.00	1786+0.000	112.558	112.026	0.532	4.000	112.478	-2.00	4.163	112.234	-150.00
-4.372	111.895	-150.00	-4.000	112.452	-2.00	1787+0.000	112.532	112.102	0.431	4.000	112.452	-2.00	4.104	112.296	-150.00
-4.224	112.353	-150.00	-4.000	112.689	-2.00	1788+0.000	112.769	112.558	0.211	4.000	112.689	-2.00	4.091	112.749	66.67
-4.184	112.912	-150.00	-4.000	113.187	-2.00	1789+0.000	113.267	113.108	0.159	4.000	113.187	-2.00	4.174	113.303	66.67
-4.305	113.366	-150.00	-4.000	113.824	-2.00	1790+0.000	113.904	113.518	0.386	4.000	113.824	-2.00	4.106	113.666	-150.00
-4.239	113.693	-150.00	-4.000	114.051	-2.00	1791+0.000	114.131	113.839	0.292	4.000	114.051	-2.00	4.048	113.979	-150.00
-4.224	113.933	-150.00	-4.000	114.270	-2.00	1792+0.000	114.350	114.037	0.312	4.000	114.270	-2.00	4.088	114.139	-150.00
-4.311	114.017	-150.00	-4.000	114.484	-2.00	1793+0.000	114.564	114.125	0.439	4.000	114.484	-2.00	4.170	114.229	-150.00
-4.253	114.076	-150.00	-4.000	114.455	-2.00	1794+0.000	114.535	114.140	0.395	4.000	114.455	-2.00	4.168	114.202	-150.00
-4.226	114.005	-150.00	-4.000	114.344	-2.00	1795+0.000	114.424	114.057	0.367	4.000	114.344	-2.00	4.151	114.117	-150.00
-4.251	113.856	-150.00	-4.000	114.232	-2.00	1796+0.000	114.312	113.864	0.448	4.000	114.232	-2.00	4.240	113.873	-150.00
-4.271	113.714	-150.00	-4.000	114.121	-2.00	1797+0.000	114.201	113.718	0.483	4.000	114.121	-2.00	4.266	113.722	-150.00
-4.234	113.658	-150.00	-4.000	114.010	-2.00	1798+0.000	114.090	113.626	0.464	4.000	114.010	-2.00	4.273	113.600	-150.00
-4.226	113.559	-150.00	-4.000	113.898	-2.00	1799+0.000	113.978	113.532	0.447	4.000	113.898	-2.00	4.261	113.506	-150.00
-4.197	113.492	-150.00	-4.000	113.787	-2.00	1800+0.000	113.867	113.398	0.469	4.000	113.787	-2.00	4.316	113.313	-150.00
-4.143	113.461	-150.00	-4.000	113.675	-2.00	1801+0.000	113.755	113.369	0.387	4.000	113.675	-2.00	4.268	113.273	-150.00
-4.116	113.391	-150.00	-4.000	113.564	-2.00	1802+0.000	113.644	113.288	0.356	4.000	113.564	-2.00	4.257	113.179	-150.00
-4.159	113.214	-150.00	-4.000	113.453	-2.00	1803+0.000	113.533	113.128	0.405	4.000	113.453	-2.00	4.276	113.039	-150.00
-4.161	113.172	-150.00	-4.000	113.414	-2.00	1804+0.000	113.494	113.094	0.400	4.000	113.414	-2.00	4.266	113.015	-150.00
-4.210	113.016	-150.00	-4.000	113.331	-2.00	1805+0.000	113.411	112.995	0.416	4.000	113.331	-2.00	4.238	112.974	-150.00
-4.228	112.780	-150.00	-4.000	113.122	-2.00	1806+0.000	113.202	112.776	0.425	4.000	113.122	-2.00	4.232	112.773	-150.00
-4.257	112.523	-150.00	-4.000	112.909	-2.00	1807+0.000	112.989	112.590	0.399	4.000	112.909	-2.00	4.218	112.581	-150.00
-4.262	112.076	-150.00	-4.000	112.470	-2.00	1808+0.000	112.550	112.068	0.482	4.000	112.470	-2.00	4.273	112.060	-150.00
-4.237	111.639	-150.00	-4.000	111.994	-2.00	1809+0.000	112.074	111.626	0.449	4.000	111.994	-2.00	4.255	111.612	-150.00
-4.370	110.710	-150.00	-4.000	111.265	-2.00	1810+0.000	111.345	110.800	0.545	4.000	111.265	-2.00	4.252	110.887	-150.00
-4.360	109.826	-150.00	-4.000	110.366	-2.00	1811+0.000	110.446	109.903	0.543	4.000	110.366	-2.00	4.258	109.978	-150.00
-4.176	109.386	-150.00	-4.000	109.650	-2.00	1812+0.000	109.730	109.265	0.465	4.000	109.650	-2.00	4.276	109.235	-150.00
-4.075	109.363	-150.00	-4.000	109.475	-2.00	1813+0.000	109.555	109.245	0.311	4.000	109.475	-2.00	4.236	109.122	-150.00
-4.106	109.694	-150.00	-4.000	109.852	-2.00	1814+0.000	109.932	109.687	0.245	4.000	109.852	-2.00	4.114	109.681	-150.00
-4.055	110.818	66.67	-4.000	110.781	-2.00	1815+0.000	110.861	110.683	0.178	4.000	110.781	-2.00	4.157	110.546	-150.00
-4.081	112.125	-150.00	-4.000	112.246	-2.00	1816+0.000	112.326	112.035	0.291	4.000	112.246	-2.00	4.203	111.942	-150.00
-4.108	113.709	-150.00	-4.000	113.872	-2.00	1817+0.000	113.952	113.547	0.405	4.000	113.872	-2.00	4.331	113.376	-150.00
-4.098	115.351	-150.00	-4.000	115.498	-2.00	1818+0.000	115.578	115.220	0.358	4.000	115.498	-2.00	4.277	115.083	-150.00
-4.171	116.706	-150.00	-4.000	116.963	-2.00	1819+0.000	117.043	116.625	0.418	4.000	116.963	-2.00	4.313	116.493	-150.00
-4.127	117.353	-150.00	-4.000	117.543	-2.00	1820+0.000	117.623	117.188	0.435	4.000	117.543	-2.00	4.225	117.205	-150.00
-4.152	117.664	-150.00	-4.000	117.892	-2.00	1821+0.000	117.972	117.553	0.419	4.000	117.892	-2.00	4.195	117.601	-150.00
-4.236	117.450	-150.00	-4.000	117.805	-2.00	1822+0.000	117.885	117.508	0.377	4.000	117.805	-2.00	4.160	117.565	-150.00
-4.241	117.024	-150.00	-4.000	117.386	-2.00	1823+0.000	117.466	117.085	0.380	4.000	117.386	-2.00	4.160	117.145	-150.00
-4.284	116.489	-150.00	-4.000	116.914	-2.00	1824+0.000	116.994	116.585	0.409	4.000	116.914	-2.00	4.162	116.671	-150.00
-4.348	115.897	-150.00	-4.000	116.418	-2.00	1825+0.000	116.498	115.995	0.503	4.000	116.418	-2.00	4.219	116.090	-150.00
-4.352	115.395	-150.00	-4.000	115.922	-2.00	1826+0.000	116.002	115.552	0.450	4.000	115.922	-2.00	4.147	115.702	-150.00
-4.314	114.955	-150.00	-4.000	115.427	-2.00	1827+0.000	115.507	115.095	0.411	4.000	115.427	-2.00	4.132	115.229	-150.00
-4.331	114.564	-150.00	-4.000	115.060	-2.00	1828+0.000	115.140	114.726	0.414	4.000	115.060	-2.00	4.120	114.880	-150.00
-4.291	114.292	-150.00	-4.000	114.729	-2.00	1829+0.000	114.809	114.413	0.396	4.000	114.729	-2.00	4.132	114.530	-150.00
-4.237	114.042	-150.00	-4.000	114.398	-2.00	1830+0.000	114.478	114.140	0.338	4.000	114.398	-2.00	4.109	114.234	-150.00
-4.232	113.719	-150.00	-4.000	114.067	-2.00	1831+0.000	114.147	113.793	0.353	4.000	114.067	-2.00	4.130	113.872	-150.00
-4.222	113.402	-150.00	-4.000	113.735	-2.00	1832+0.000	113.815	113.461	0.355	4.000	113.735	-2.00	4.145	113.519	-150.00
-4.242	113.041	-150.00	-4.000	113.404	-2.00	1833+0.000	113.484	113.090	0.394	4.000	113.404	-2.00	4.177	113.139	-150.00
-4.220	112.519	-150.00	-4.000	112.848	-2.00	1834+0.000	112.928	112.547	0.382	4.000	112.848	-2.00	4.183	112.574	-150.00
-4.295	111.789	-150.00	-4.000	112.232	-2.00	1835+0.000	112.312	111.919	0.393	4.000	112.232	-2.00	4.119	112.054	-150.00
-4.303	111.300	-150.00	-4.000	111.754	-2.00	1836+0.000	111.834	111.446	0.388	4.000	111.754	-2.00	4.113	111.585	-150.00
-4.274	110.866	-150.00	-4.000	111.276	-2.00	1837+0.000	111.356	111.005	0.351	4.000	111.276	-2.00	4.091	111.139	-150.00
-4.338	110.390	-150.00	-4.000	110.898	-2.00	1838+0.000	110.978	110.590	0.387	4.000	110.898	-2.00	4.087	110.767	-150.00
-4.317	110.340	-150.00	-4.000	110.815	-2.00	1839+0.000	110.895	110.566	0.329	4.000	110.815	-2.00	4.026	110.777	-150.00
-4.336	110.531	-150.00	-4.000	111.035	-2.00	1840+0.000	111.115	110.678	0.436	4.000	111.035	-2.00	4.144	110.819	-150.00
-4.252	111.172	-150.00	-4.000	111.550	-2.00	1841+0.000	111.630	111.317	0.313	4.000	111.550	-2.00	4.086	111.421	-150.00
-4.235	111.812	-150.00	-4.000	112.164	-2.00	1842+0.000	112.244	111.896	0.348	4.000	112.164	-2.00	4.124	111.978	-150.00
-4.261	112.387	-150.00	-4.000	112.779	-2.00	1843+0.000	112.859	112.470	0.388	4.000	112.779	-2.00	4.152	112.551	-150.00
-4.357	112.692	-150.00	-4.000	113.227	-2.00	1844+0.000	113.307	112.806	0.501	4.000	113.227	-2.00	4.207	112.917	-150.00
-4.194	112.824	-150.00	-4.000	113.116	-2.00	1845+0.000	113.196	112.892	0.304	4.000	113.116	-2.00	4.151	112.888	-150.00
-4.278	112.011	-150.00	-4.000	112.427	-2.00	1846+0.000	112.507	112.086	0.421	4.000	112.427	-2.00	4.177	112.162	-150.00
-4.131	111.029	-150.00	-4.000	111.226	-2.00	1847+0.000	111.306	111.181	0.125	4.000	111.226	-2.00	4.162	111.334	66.67
-4.231	109.598	-150.00	-4.000	109.945	-2.00	1848+0.000	110.025	109.751	0.274	4.000	109.945	-2.00	4.034	109.893	-150.00
-4.310	108.199	-150.00	-4.000	108.663	-2.00	1849+0.000	108.743	108.396	0.347	4.000	108.663	-2.00	4.093	108.524	-150.00
-4.384	106.806	-150.00	-4.000	107.382	-2.00	1850+0.000	107.462	107.012	0.450	4.000	107.382	-2.00	4.118	107.205	-150.00
-4.290	105.977	-150.00	-4.000	106.411	-2.00	1851+0.000	106.491	106.110	0.381	4.000	106.411	-2.00	4.113	106.241	-150.00
-4.258	105.450	-150.00	-4.000	105.837	-2.00	1852+0.000	105.917	105.581	0.336	4.000	105.837	-2.00	4.052	105.759	-150.00
-4.427	105.609	-150.00	-4.000	106.250	-2.00	1853+0.000	106.330	105.828	0.502	4.000	106.250	-2.00	4.145	106.033	-150.00
-4.341	106.240	-150.00	-4.000	106.752	-2.00	1854+0.000	106.832	106.440	0.392	4.000	106.752	-2.00	4.082	106.628	-150.00
-4.333	107.199	-150.00	-4.000	107.699	-2.00	1855+0.000	107.779	107.423	0.356	4.000	107.699	-2.00	4.045	107.632	-150.00

Osvaldo Leôncio da Silva
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Sucid

-4.253	108.767	-150.00	-4.000	109.147	-2.00	1856+0.000	109.227	109.025	0.201	4.000	109.147	-2.00	4.201	109.281	66.67
-4.349	110.374	-150.00	-4.000	110.898	-2.00	1857+0.000	110.978	110.640	0.337	4.000	110.898	-2.00	4.008	110.886	-150.00
-4.304	112.013	-150.00	-4.000	112.469	-2.00	1858+0.000	112.549	112.268	0.282	4.000	112.469	-2.00	4.051	112.503	66.67
-4.382	113.468	-150.00	-4.000	114.041	-2.00	1859+0.000	114.121	113.719	0.402	4.000	114.041	-2.00	4.055	113.958	-150.00
-4.402	114.679	-150.00	-4.000	115.282	-2.00	1860+0.000	115.362	114.948	0.414	4.000	115.282	-2.00	4.058	115.195	-150.00
-4.394	115.620	-150.00	-4.000	116.211	-2.00	1861+0.000	116.291	115.891	0.401	4.000	116.211	-2.00	4.048	116.140	-150.00
-4.418	115.919	-150.00	-4.000	116.546	-2.00	1862+0.000	116.626	116.204	0.422	4.000	116.546	-2.00	4.054	116.465	-150.00
-4.402	115.988	-150.00	-4.000	116.592	-2.00	1863+0.000	116.672	116.263	0.408	4.000	116.592	-2.00	4.059	116.502	-150.00
-4.384	115.692	-150.00	-4.000	116.269	-2.00	1864+0.000	116.349	115.941	0.408	4.000	116.269	-2.00	4.094	116.128	-150.00
-4.378	114.942	-150.00	-4.000	115.508	-2.00	1865+0.000	115.588	115.194	0.394	4.000	115.508	-2.00	4.086	115.379	-150.00
-4.382	114.134	-150.00	-4.000	114.707	-2.00	1866+0.000	114.787	114.334	0.453	4.000	114.707	-2.00	4.116	114.534	-150.00
-4.380	113.118	-150.00	-4.000	113.688	-2.00	1867+0.000	113.768	113.337	0.431	4.000	113.688	-2.00	4.092	113.551	-150.00
-4.400	112.068	-150.00	-4.000	112.667	-2.00	1868+0.000	112.747	112.330	0.417	4.000	112.667	-2.00	4.077	112.551	-150.00
-4.398	110.871	-150.00	-4.000	111.468	-2.00	1869+0.000	111.548	111.057	0.491	4.000	111.468	-2.00	4.156	111.234	-150.00
-4.388	109.530	-150.00	-4.000	110.111	-2.00	1870+0.000	110.191	109.725	0.467	4.000	110.111	-2.00	4.135	109.909	-150.00
-4.386	108.176	-150.00	-4.000	108.754	-2.00	1871+0.000	108.834	108.340	0.495	4.000	108.754	-2.00	4.174	108.494	-150.00
-4.253	107.160	-150.00	-4.000	107.540	-2.00	1872+0.000	107.620	107.220	0.400	4.000	107.540	-2.00	4.174	107.279	-150.00
-4.229	106.433	-150.00	-4.000	106.776	-2.00	1873+0.000	106.856	106.498	0.358	4.000	106.776	-2.00	4.139	106.567	-150.00
-4.166	106.223	-150.00	-4.000	106.473	-2.00	1874+0.000	106.553	106.268	0.285	4.000	106.473	-2.00	4.108	106.311	-150.00
-4.193	106.340	-150.00	-4.000	106.630	-2.00	1875+0.000	106.710	106.391	0.319	4.000	106.630	-2.00	4.126	106.441	-150.00
-4.203	106.942	-150.00	-4.000	107.247	-2.00	1876+0.000	107.327	106.996	0.331	4.000	107.247	-2.00	4.132	107.049	-150.00
-4.278	107.876	-150.00	-4.000	108.293	-2.00	1877+0.000	108.373	107.931	0.442	4.000	108.293	-2.00	4.206	107.985	-150.00
-4.296	108.989	-150.00	-4.000	109.433	-2.00	1878+0.000	109.513	108.990	0.522	4.000	109.433	-2.00	4.264	109.037	-150.00
-4.299	110.112	-150.00	-4.000	110.561	-2.00	1879+0.000	110.641	110.225	0.417	4.000	110.561	-2.00	4.152	110.333	-150.00
-4.344	110.828	-150.00	-4.000	111.344	-2.00	1880+0.000	111.424	110.983	0.442	4.000	111.344	-2.00	4.143	111.130	-150.00
-4.378	111.545	-150.00	-4.000	112.112	-2.00	1881+0.000	112.192	111.748	0.444	4.000	112.112	-2.00	4.115	111.939	-150.00
-4.368	112.327	-150.00	-4.000	112.879	-2.00	1882+0.000	112.959	112.553	0.406	4.000	112.879	-2.00	4.081	112.759	-150.00
-4.430	113.090	-150.00	-4.000	113.735	-2.00	1883+0.000	113.815	113.330	0.484	4.000	113.735	-2.00	4.122	113.552	-150.00
-4.414	114.086	-150.00	-4.000	114.708	-2.00	1884+0.000	114.788	114.377	0.411	4.000	114.708	-2.00	4.063	114.614	-150.00
-4.376	115.185	-150.00	-4.000	115.749	-2.00	1885+0.000	115.829	115.469	0.360	4.000	115.749	-2.00	4.010	115.733	-150.00
-4.407	116.495	-150.00	-4.000	117.105	-2.00	1886+0.000	117.185	116.761	0.424	4.000	117.105	-2.00	4.066	117.006	-150.00
-4.494	117.861	-150.00	-4.000	118.603	-2.00	1887+0.000	118.683	118.090	0.593	4.000	118.603	-2.00	4.174	118.342	-150.00
-4.431	119.455	-150.00	-4.000	120.101	-2.00	1888+0.000	120.181	119.678	0.503	4.000	120.101	-2.00	4.138	119.894	-150.00
-4.415	120.728	-150.00	-4.000	121.351	-2.00	1889+0.000	121.431	121.013	0.418	4.000	121.351	-2.00	4.072	121.244	-150.00
-4.412	121.246	-150.00	-4.000	121.864	-2.00	1890+0.000	121.944	121.520	0.423	4.000	121.864	-2.00	4.054	121.782	-150.00
-4.422	121.687	-150.00	-4.000	122.321	-2.00	1891+0.000	122.401	121.996	0.405	4.000	122.321	-2.00			
-4.402	121.924	-150.00	-4.000	122.526	-2.00	1892+0.000	122.606	122.213	0.393	4.000	122.526	-2.00	4.007	122.531	66.67
-4.420	122.103	-150.00	-4.000	122.733	-2.00	1893+0.000	122.813	122.424	0.388	4.000	122.733	-2.00	4.052	122.768	66.67
-4.597	122.417	-150.00	-4.000	123.313	-2.00	1894+0.000	123.393	122.891	0.502	4.000	123.313	-2.00	4.006	123.304	-150.00
-4.727	123.041	-150.00	-4.000	124.132	-2.00	1895+0.000	124.212	123.483	0.729	4.000	124.132	-2.00	4.172	123.875	-150.00
-4.750	123.827	-150.00	-4.000	124.951	-2.00	1896+0.000	125.031	124.516	0.515	4.000	124.951	-2.00	4.279	125.137	66.67
-4.633	124.797	-150.00	-4.000	125.747	-2.00	1897+0.000	125.827	125.468	0.359	4.000	125.747	-2.00	4.573	126.129	66.67
-4.526	125.193	-150.00	-4.000	125.981	-2.00	1898+0.000	126.061	125.772	0.290	4.000	125.981	-2.00	4.561	126.355	66.67
-4.461	124.738	-150.00	-4.000	125.429	-2.00	1899+0.000	125.509	125.281	0.227	4.000	125.429	-2.00	4.571	125.809	66.67
-4.385	123.520	-150.00	-4.000	124.097	-2.00	1900+0.000	124.177	123.967	0.209	4.000	124.097	-2.00	4.494	124.426	66.67
-4.455	121.781	-150.00	-4.000	122.463	-2.00	1901+0.000	122.543	122.205	0.338	4.000	122.463	-2.00	4.370	122.710	66.67
-4.262	120.403	-150.00	-4.000	120.796	-2.00	1902+0.000	120.876	120.818	0.059	4.000	120.796	-2.00	4.721	121.277	66.67
-4.371	118.933	-150.00	-4.000	119.489	-2.00	1903+0.000	119.569	119.382	0.187	4.000	119.489	-2.00	4.784	120.011	66.67
-4.409	117.941	-150.00	-4.000	118.554	-2.00	1904+0.000	118.634	118.475	0.159	4.000	118.554	-2.00	4.744	119.050	66.67
-4.520	117.212	-150.00	-4.000	117.991	-2.00	1905+0.000	118.071	117.755	0.316	4.000	117.991	-2.00	4.448	118.290	66.67
-4.454	117.120	-150.00	-4.000	117.801	-2.00	1906+0.000	117.881	117.539	0.342	4.000	117.801	-2.00	4.199	117.934	66.67
-4.609	116.872	-150.00	-4.000	117.786	-2.00	1907+0.000	117.866	117.387	0.478	4.000	117.786	-2.00	4.231	117.939	66.67
-4.352	117.116	-150.00	-4.000	117.644	-2.00	1908+0.000	117.724	117.666	0.058	4.000	117.644	-2.00	4.909	118.250	66.67
-4.600	116.645	-150.00	-4.000	117.546	-2.00	1909+0.000	117.626	117.238	0.388	4.000	117.546	-2.00	4.384	117.802	66.67
-4.556	116.876	-150.00	-4.000	117.709	-2.00	1910+0.000	117.789	117.354	0.435	4.000	117.709	-2.00	4.310	117.916	66.67
-4.463	116.253	-150.00	-4.000	116.948	-2.00	1911+0.000	117.028	116.629	0.399	4.000	116.948	-2.00	4.170	117.061	66.67
-4.468	115.446	-150.00	-4.000	116.148	-2.00	1912+0.000	116.228	115.834	0.394	4.000	116.148	-2.00	4.178	116.267	66.67
-4.581	115.358	-150.00	-4.000	116.230	-2.00	1913+0.000	116.310	115.936	0.374	4.000	116.230	-2.00	4.241	116.391	66.67
-4.577	116.013	-150.00	-4.000	116.879	-2.00	1914+0.000	116.959	116.584	0.375	4.000	116.879	-2.00	4.223	117.028	66.67
-4.396	117.186	-150.00	-4.000	117.779	-2.00	1915+0.000	117.859	117.602	0.258	4.000	117.779	-2.00	4.351	118.013	66.67
-4.375	118.416	-150.00	-4.000	118.978	-2.00	1916+0.000	119.058	118.861	0.197	4.000	118.978	-2.00	4.514	119.321	66.67
-4.438	119.526	-150.00	-4.000	120.183	-2.00	1917+0.000	120.263	119.882	0.381	4.000	120.183	-2.00	4.168	120.295	66.67
-4.455	120.812	-150.00	-4.000	121.495	-2.00	1918+0.000	121.575	121.159	0.416	4.000	121.495	-2.00	4.009	121.482	-150.00
-4.390	122.160	-150.00	-4.000	122.746	-2.00	1919+0.000	122.826	122.456	0.369	4.000	122.746	-2.00	4.013	122.727	-150.00
-4.447	122.897	-150.00	-4.000	123.568	-2.00	1920+0.000	123.648	123.230	0.418	4.000	123.568	-2.00	4.025	123.531	-150.00
-4.372	122.831	-150.00	-4.000	123.389	-2.00	1921+0.000	123.469	123.128	0.341	4.000	123.389	-2.00	4.017	123.400	66.67
-4.358	122.724	-150.00	-4.000	123.260	-2.00	1922+0.000	123.340	123.046	0.294	4.000	123.260	-2.00	4.137	123.352	66.67
-4.325	122.957	-150.00	-4.000	123.444	-2.00	1923+0.000	123.524	123.192	0.333	4.000	123.444	-2.00	4.023	123.410	-150.00
-4.346	123.435	-150.00	-4.000	123.954	-2.00	1924+0.000	124.034	123.670	0.363	4.000	123.954	-2.00	4.025	123.915	-150.00
-4.400	124.188	-150.00	-4.000	124.788	-2.00	1925+0.000	124.868	124.468	0.400	4.000	124.788	-2.00	4.044	124.723	-150.00
-4.459	124.960	-150.00	-4.000	125.649	-2.00	1926+0.000	125.729	125.303	0.426	4.000	125.649	-2.00	4.031	125.602	-150.00
-4.486	125.585	-150.00	-4.000	126.313	-2.00	1927+0.000	126.393	125.912	0.481	4.000	126.313	-2.00	4.033	126.264	-150.00
-4.512	126.211	-150.00	-4.000	126.978	-2.00	1928+0.000	127.058	126.647	0.411	4.000	126.978	-2.00	4.097	127.043	66.67
-4.509	126.879	-150.00	-4.000	127.642	-2.00	1929+0.000	127.722	127.311	0.412	4.000	127.642	-2.00	4.112	127.717	66.67
-4.549	127.397	-150.00	-4.000	128.221	-2.00	1930+0.000	128.301	127.884	0.417	4.000	128.221	-2.00	4.161	128.329	66.67
-4.546	127.442	-150.00	-4.000	128.261	-2.00	1931+0.000	128.341	127.928	0.413	4.000	128.261	-2.00	4.214	128.403	66.67
-4.644	127.038	-150.00	-4.000	128.005	-2.00	1932+0.000	128.085	127.634	0.450	4.000	128.005	-2.00	4.267	128.182	66.67
-4.596	126.380	-150.00	-4.000	127.274	-2.00	1933+0.000	127.354	126.955	0.399	4.000	127.274	-2.00	4.335	127.497	66.67
-4.529	125.293	-150.00	-4.000	126.086	-2.00	1934+0.000	126.166	125.855	0.311	4.000	126.086	-2.00	4.489	126.412	66.67
-4.573	123.908	-150.00	-4.000	124.767	-2.00	1935+0.000	124.847	124.481	0.366	4.000	124.767	-2.00	4.398	125.033	66.67
-4.524	122.511	-150.00	-4.000	123.297	-2.00	1936+0.000	123.377	123.035	0.342	4.000	123.297	-2.00	4.343	123.525	66.67

Osvaldo Leôncio da Sil[illegible]bo
Diretor da Unidade de Progr[illegible]as
Projetos e Obras - DUPPO
Secretaria [illegible]

-4.468	121.081	-150.00	-4.000	121.784	-2.00	1937+0.000	121.864	121.465	0.399	4.000	121.784	-2.00	4.073	121.833	66.67
-4.509	119.741	-150.00	-4.000	120.505	-2.00	1938+0.000	120.585	120.111	0.474	4.000	120.505	-2.00	4.038	120.448	-150.00
-4.431	118.738	-150.00	-4.000	119.384	-2.00	1939+0.000	119.464	119.037	0.427	4.000	119.384	-2.00	4.021	119.353	-150.00
-4.422	118.031	-150.00	-4.000	118.664	-2.00	1940+0.000	118.744	118.314	0.430	4.000	118.664	-2.00	4.061	118.573	-150.00
-4.460	117.271	-150.00	-4.000	117.961	-2.00	1941+0.000	118.041	117.623	0.417	4.000	117.961	-2.00			
-4.436	116.530	-150.00	-4.000	117.185	-2.00	1942+0.000	117.265	116.895	0.370	4.000	117.185	-2.00	4.085	117.242	66.67
-4.431	115.750	-150.00	-4.000	116.396	-2.00	1943+0.000	116.476	116.082	0.394	4.000	116.396	-2.00	4.009	116.383	-150.00
-4.382	115.097	-150.00	-4.000	115.669	-2.00	1944+0.000	115.749	115.438	0.311	4.000	115.669	-2.00	4.117	115.747	66.67
-4.464	114.674	-150.00	-4.000	115.371	-2.00	1945+0.000	115.451	114.998	0.453	4.000	115.371	-2.00	4.007	115.361	-150.00
-4.654	114.581	-150.00	-4.000	115.562	-2.00	1946+0.000	115.642	115.024	0.618	4.000	115.562	-2.00	4.098	115.414	-150.00
-4.350	115.716	-150.00	-4.000	116.242	-2.00	1947+0.000	116.322	116.035	0.286	4.000	116.242	-2.00	4.128	116.327	66.67
-4.357	116.876	-150.00	-4.000	117.411	-2.00	1948+0.000	117.491	117.098	0.393	4.000	117.411	-2.00	4.070	117.306	-150.00
-4.286	118.641	-150.00	-4.000	119.069	-2.00	1949+0.000	119.149	118.823	0.326	4.000	119.069	-2.00	4.050	118.994	-150.00
-4.230	120.356	-150.00	-4.000	120.700	-2.00	1950+0.000	120.780	120.466	0.315	4.000	120.700	-2.00	4.031	120.654	-150.00
-4.047	121.966	-150.00	-4.000	122.037	-2.00	1951+0.000	122.117	122.071	0.046	4.000	122.037	-2.00	4.215	122.180	66.67
-4.337	122.558	-150.00	-4.000	123.064	-2.00	1952+0.000	123.144	122.795	0.349	4.000	123.064	-2.00	4.032	123.015	-150.00
-4.185	122.884	-150.00	-4.000	123.162	-2.00	1953+0.000	123.242	123.019	0.223	4.000	123.162	-2.00	4.026	123.123	-150.00
-4.266	121.915	-150.00	-4.000	122.314	-2.00	1954+0.000	122.394	122.168	0.227	4.000	122.314	-2.00	4.148	122.413	66.67
-4.350	120.263	-150.00	-4.000	120.788	-2.00	1955+0.000	120.868	120.621	0.247	4.000	120.788	-2.00	4.272	120.970	66.67
-4.501	118.397	-150.00	-4.000	119.148	-2.00	1956+0.000	119.228	118.791	0.437	4.000	119.148	-2.00			
-4.528	116.637	-150.00	-4.000	117.430	-2.00	1957+0.000	117.510	116.953	0.557	4.000	117.430	-2.00	4.077	117.314	-150.00
-4.451	115.476	-150.00	-4.000	116.152	-2.00	1958+0.000	116.232	115.877	0.355	4.000	116.152	-2.00	4.149	116.251	66.67
-4.447	114.887	-150.00	-4.000	115.558	-2.00	1959+0.000	115.638	115.173	0.465	4.000	115.558	-2.00	4.016	115.534	-150.00
-4.462	114.957	-150.00	-4.000	115.649	-2.00	1960+0.000	115.729	115.432	0.297	4.000	115.649	-2.00	4.438	115.941	66.67
-4.489	115.549	-150.00	-4.000	116.283	-2.00	1961+0.000	116.363	116.011	0.352	4.000	116.283	-2.00	4.291	116.477	66.67
-4.566	116.112	-150.00	-4.000	116.960	-2.00	1962+0.000	117.040	116.581	0.459	4.000	116.960	-2.00	4.063	117.002	66.67
-4.572	116.779	-150.00	-4.000	117.637	-2.00	1963+0.000	117.717	117.352	0.366	4.000	117.637	-2.00	4.382	117.892	66.67
-4.496	117.571	-150.00	-4.000	118.315	-2.00	1964+0.000	118.395	118.083	0.312	4.000	118.315	-2.00	4.499	118.647	66.67
-4.479	118.273	-150.00	-4.000	118.992	-2.00	1965+0.000	119.072	118.756	0.316	4.000	118.992	-2.00	4.370	119.238	66.67
-4.381	118.775	-150.00	-4.000	119.347	-2.00	1966+0.000	119.427	119.239	0.188	4.000	119.347	-2.00	4.563	119.722	66.67
-4.539	118.648	-150.00	-4.000	119.457	-2.00	1967+0.000	119.537	119.115	0.422	4.000	119.457	-2.00	4.119	119.536	66.67
-4.458	118.496	-150.00	-4.000	119.183	-2.00	1968+0.000	119.263	118.894	0.369	4.000	119.183	-2.00	4.119	119.263	66.67
-4.379	118.279	-150.00	-4.000	118.848	-2.00	1969+0.000	118.928	118.651	0.277	4.000	118.848	-2.00	4.246	119.012	66.67
-4.254	118.132	-150.00	-4.000	118.513	-2.00	1970+0.000	118.593	118.356	0.237	4.000	118.513	-2.00	4.059	118.552	66.67
-4.435	117.130	-150.00	-4.000	117.782	-2.00	1971+0.000	117.862	117.439	0.423	4.000	117.782	-2.00	4.041	117.721	-150.00
-4.426	115.800	-150.00	-4.000	116.439	-2.00	1972+0.000	116.519	116.108	0.411	4.000	116.439	-2.00	4.033	116.389	-150.00
-4.373	114.535	-150.00	-4.000	115.096	-2.00	1973+0.000	115.176	114.780	0.396	4.000	115.096	-2.00	4.059	115.007	-150.00
-4.347	113.232	-150.00	-4.000	113.752	-2.00	1974+0.000	113.832	113.470	0.362	4.000	113.752	-2.00	4.041	113.691	-150.00
-4.350	112.280	-150.00	-4.000	112.804	-2.00	1975+0.000	112.884	112.484	0.400	4.000	112.804	-2.00	4.034	112.753	-150.00
-4.479	112.075	-150.00	-4.000	112.793	-2.00	1976+0.000	112.873	112.374	0.500	4.000	112.793	-2.00	4.098	112.647	-150.00
-4.517	112.007	-150.00	-4.000	112.782	-2.00	1977+0.000	112.862	112.299	0.563	4.000	112.782	-2.00	4.143	112.567	-150.00
-4.466	112.073	-150.00	-4.000	112.772	-2.00	1978+0.000	112.852	112.460	0.392	4.000	112.772	-2.00	4.060	112.812	66.67
-4.355	112.229	-150.00	-4.000	112.761	-2.00	1979+0.000	112.841	112.596	0.245	4.000	112.761	-2.00	4.296	112.958	66.67
-4.233	112.400	-150.00	-4.000	112.750	-2.00	1980+0.000	112.830	112.765	0.065	4.000	112.750	-2.00	4.650	113.184	66.67
-4.120	112.559	-150.00	-4.000	112.739	-2.00	1981+0.000	112.819	112.929	-0.110	4.000	112.739	-2.00	4.951	113.373	66.67
-4.354	112.197	-150.00	-4.000	112.729	-2.00	1982+0.000	112.809	112.557	0.251	4.000	112.729	-2.00	4.274	112.911	66.67
-4.464	112.107	-150.00	-4.000	112.803	-2.00	1983+0.000	112.883	112.491	0.392	4.000	112.803	-2.00	4.054	112.839	66.67
-4.445	112.397	-150.00	-4.000	113.064	-2.00	1984+0.000	113.144	112.753	0.391	4.000	113.064	-2.00	4.040	113.091	66.67
-4.457	112.987	-150.00	-4.000	113.672	-2.00	1985+0.000	113.752	113.334	0.419	4.000	113.672	-2.00	4.015	113.682	66.67
-4.360	113.809	-150.00	-4.000	114.348	-2.00	1986+0.000	114.428	114.215	0.214	4.000	114.348	-2.00	4.416	114.626	66.67
-4.291	114.588	-150.00	-4.000	115.024	-2.00	1987+0.000	115.104	114.982	0.122	4.000	115.024	-2.00	4.565	115.401	66.67
-4.458	115.012	-150.00	-4.000	115.700	-2.00	1988+0.000	115.780	115.466	0.314	4.000	115.700	-2.00	4.306	115.904	66.67
-4.564	115.436	-150.00	-4.000	116.282	-2.00	1989+0.000	116.362	115.930	0.432	4.000	116.282	-2.00	4.145	116.379	66.67
-4.507	115.812	-150.00	-4.000	116.573	-2.00	1990+0.000	116.653	116.217	0.436	4.000	116.573	-2.00			
-4.460	115.877	-150.00	-4.000	116.568	-2.00	1991+0.000	116.648	116.290	0.357	4.000	116.568	-2.00	4.116	116.645	66.67
-4.490	115.565	-150.00	-4.000	116.300	-2.00	1992+0.000	116.380	115.970	0.409	4.000	116.300	-2.00	4.027	116.318	66.67
-4.492	115.094	-150.00	-4.000	115.832	-2.00	1993+0.000	115.912	115.486	0.425	4.000	115.832	-2.00	4.048	115.864	66.67
-4.543	114.407	-150.00	-4.000	115.221	-2.00	1994+0.000	115.301	114.831	0.470	4.000	115.221	-2.00	4.011	115.205	-150.00
-4.512	113.842	-150.00	-4.000	114.610	-2.00	1995+0.000	114.690	114.272	0.418	4.000	114.610	-2.00	4.059	114.650	66.67
-4.477	113.310	-150.00	-4.000	114.025	-2.00	1996+0.000	114.105	113.713	0.392	4.000	114.025	-2.00	4.083	114.081	66.67
-4.429	113.103	-150.00	-4.000	113.746	-2.00	1997+0.000	113.826	113.410	0.416	4.000	113.746	-2.00	4.047	113.777	66.67
-4.406	112.871	-150.00	-4.000	113.480	-2.00	1998+0.000	113.560	113.169	0.391	4.000	113.480	-2.00	4.026	113.441	-150.00
-4.411	112.576	-150.00	-4.000	113.193	-2.00	1999+0.000	113.273	112.872	0.401	4.000	113.193	-2.00	4.034	113.143	-150.00
-4.366	112.145	-150.00	-4.000	112.694	-2.00	2000+0.000	112.774	112.432	0.342	4.000	112.694	-2.00	4.019	112.706	66.67
-4.313	111.687	-150.00	-4.000	112.156	-2.00	2001+0.000	112.236	111.972	0.264	4.000	112.156	-2.00	4.133	112.245	66.67
-4.294	111.178	-150.00	-4.000	111.619	-2.00	2002+0.000	111.699	111.426	0.273	4.000	111.619	-2.00	4.093	111.681	66.67
-4.298	110.635	-150.00	-4.000	111.082	-2.00	2003+0.000	111.162	110.880	0.282	4.000	111.082	-2.00	4.042	111.109	66.67
-4.329	110.051	-150.00	-4.000	110.544	-2.00	2004+0.000	110.624	110.302	0.322	4.000	110.544	-2.00	4.007	110.534	-150.00
-4.370	109.452	-150.00	-4.000	110.007	-2.00	2005+0.000	110.087	109.698	0.389	4.000	110.007	-2.00	4.054	109.926	-150.00
-4.369	108.979	-150.00	-4.000	109.533	-2.00	2006+0.000	109.613	109.215	0.398	4.000	109.533	-2.00	4.060	109.443	-150.00
-4.337	108.766	-150.00	-4.000	109.272	-2.00	2007+0.000	109.352	108.958	0.394	4.000	109.272	-2.00	4.063	109.178	-150.00
-4.266	108.843	-150.00	-4.000	109.243	-2.00	2008+0.000	109.323	109.023	0.299	4.000	109.243	-2.00	4.033	109.194	-150.00
-4.197	109.546	-150.00	-4.000	109.841	-2.00	2009+0.000	109.921	109.709	0.211	4.000	109.841	-2.00	4.039	109.867	66.67
-4.337	111.206	-150.00	-4.000	111.712	-2.00	2010+0.000	111.792	111.333	0.459	4.000	111.712	-2.00	4.172	111.454	-150.00
-4.335	113.149	-150.00	-4.000	113.651	-2.00	2011+0.000	113.731	113.331	0.400	4.000	113.651	-2.00	4.099	113.503	-150.00
-4.414	114.969	-150.00	-4.000	115.591	-2.00	2012+0.000	115.671	115.210	0.461	4.000	115.591	-2.00	4.099	115.442	-150.00
-4.446	116.814	-150.00	-4.000	117.483	-2.00	2013+0.000	117.563	117.221	0.342	4.000	117.483	-2.00	4.180	117.603	66.67
-4.429	118.574	-150.00	-4.000	119.217	-2.00	2014+0.000	119.297	118.940	0.357	4.000	119.217	-2.00	4.260	119.391	66.67
-4.449	120.140	-150.00	-4.000	120.814	-2.00	2015+0.000	120.894	120.712	0.182	4.000	120.814	-2.00	4.766	121.325	66.67
-4.745	121.213	-150.00	-4.000	122.331	-2.00	2016+0.000	122.411	121.743	0.669	4.000	122.331	-2.00	4.088	122.199	-150.00
-4.892	121.850	-150.00	-4.000	123.188	-2.00	2017+0.000	123.268	122.726	0.542	4.000	123.188	-2.00	4.528	123.539	66.67

Osvaldo Leôncio da Silva
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-4.588	122.357	-150.00	-4.000	123.239	-2.00	2018+0.000	123.319	123.179	0.139	4.000	123.239	-2.00	5.353	124.141	66.67
-4.821	121.265	-150.00	-4.000	122.496	-2.00	2019+0.000	122.576	122.281	0.296	4.000	122.496	-2.00	5.374	123.412	66.67
-4.893	119.480	-150.00	-4.000	120.820	-2.00	2020+0.000	120.900	120.506	0.394	4.000	120.820	-2.00	5.148	121.585	66.67
-4.690	118.065	-150.00	-4.000	119.100	-2.00	2021+0.000	119.180	118.907	0.273	4.000	119.100	-2.00	5.107	119.838	66.67
-4.686	116.510	-150.00	-4.000	117.539	-2.00	2022+0.000	117.619	117.326	0.293	4.000	117.539	-2.00	4.982	118.194	66.67
-4.564	115.189	-150.00	-4.000	116.035	-2.00	2023+0.000	116.115	115.737	0.378	4.000	116.035	-2.00	4.465	116.345	66.67
-4.482	114.311	-150.00	-4.000	115.035	-2.00	2024+0.000	115.115	114.835	0.280	4.000	115.035	-2.00	4.486	115.359	66.67
-4.415	113.479	-150.00	-4.000	114.101	-2.00	2025+0.000	114.181	113.761	0.420	4.000	114.101	-2.00	4.127	114.186	66.67
-4.372	113.285	-150.00	-4.000	113.843	-2.00	2026+0.000	113.923	113.553	0.371	4.000	113.843	-2.00	4.023	113.810	-150.00
-4.311	113.158	-150.00	-4.000	113.625	-2.00	2027+0.000	113.705	113.294	0.410	4.000	113.625	-2.00	4.079	113.506	-150.00
-4.249	113.284	-150.00	-4.000	113.658	-2.00	2028+0.000	113.738	113.380	0.358	4.000	113.658	-2.00	4.112	113.491	-150.00
-4.230	113.413	-150.00	-4.000	113.758	-2.00	2029+0.000	113.838	113.505	0.333	4.000	113.758	-2.00	4.113	113.588	-150.00
-4.218	113.532	-150.00	-4.000	113.858	-2.00	2030+0.000	113.938	113.580	0.359	4.000	113.858	-2.00	4.146	113.640	-150.00
-4.219	113.630	-150.00	-4.000	113.959	-2.00	2031+0.000	114.039	113.679	0.360	4.000	113.959	-2.00	4.148	113.736	-150.00
-4.225	113.722	-150.00	-4.000	114.059	-2.00	2032+0.000	114.139	113.760	0.379	4.000	114.059	-2.00	4.170	113.804	-150.00
-4.231	113.812	-150.00	-4.000	114.159	-2.00	2033+0.000	114.239	113.851	0.388	4.000	114.159	-2.00	4.177	113.895	-150.00
-4.231	114.074	-150.00	-4.000	114.420	-2.00	2034+0.000	114.500	114.105	0.396	4.000	114.420	-2.00	4.195	114.128	-150.00
-4.227	114.484	-150.00	-4.000	114.824	-2.00	2035+0.000	114.904	114.516	0.387	4.000	114.824	-2.00	4.188	114.542	-150.00
-4.272	115.069	-150.00	-4.000	115.478	-2.00	2036+0.000	115.558	115.180	0.378	4.000	115.478	-2.00	4.127	115.287	-150.00
-4.201	116.055	-150.00	-4.000	116.357	-2.00	2037+0.000	116.437	116.169	0.268	4.000	116.357	-2.00	4.052	116.280	-150.00
-4.179	116.969	-150.00	-4.000	117.237	-2.00	2038+0.000	117.317	117.130	0.187	4.000	117.237	-2.00	4.087	117.295	66.67
-4.194	117.825	-150.00	-4.000	118.116	-2.00	2039+0.000	118.196	118.071	0.125	4.000	118.116	-2.00	4.283	118.305	66.67
-4.252	118.618	-150.00	-4.000	118.996	-2.00	2040+0.000	119.076	118.690	0.386	4.000	118.996	-2.00	4.138	118.789	-150.00
-4.362	119.384	-150.00	-4.000	119.927	-2.00	2041+0.000	120.007	119.469	0.539	4.000	119.927	-2.00	4.251	119.551	-150.00
-4.379	120.299	-150.00	-4.000	120.867	-2.00	2042+0.000	120.947	120.305	0.643	4.000	120.867	-2.00	4.334	120.367	-150.00
-4.286	121.378	-150.00	-4.000	121.807	-2.00	2043+0.000	121.887	121.379	0.509	4.000	121.807	-2.00	4.285	121.379	-150.00
-4.163	122.569	-150.00	-4.000	122.814	-2.00	2044+0.000	122.894	122.496	0.398	4.000	122.814	-2.00	4.266	122.414	-150.00
-4.143	123.805	-150.00	-4.000	124.020	-2.00	2045+0.000	124.100	123.711	0.389	4.000	124.020	-2.00	4.271	123.614	-150.00
-4.175	124.968	-150.00	-4.000	125.231	-2.00	2046+0.000	125.311	124.821	0.490	4.000	125.231	-2.00	4.374	124.671	-150.00
-4.179	126.173	-150.00	-4.000	126.442	-2.00	2047+0.000	126.522	126.020	0.501	4.000	126.442	-2.00	4.388	125.860	-150.00
-4.195	127.359	-150.00	-4.000	127.652	-2.00	2048+0.000	127.732	127.217	0.516	4.000	127.652	-2.00	4.390	127.068	-150.00
-4.156	128.629	-150.00	-4.000	128.863	-2.00	2049+0.000	128.943	128.488	0.455	4.000	128.863	-2.00	4.350	128.338	-150.00
-4.129	129.880	-150.00	-4.000	130.074	-2.00	2050+0.000	130.154	129.736	0.418	4.000	130.074	-2.00	4.330	129.579	-150.00
-4.110	130.983	-150.00	-4.000	131.148	-2.00	2051+0.000	131.228	130.824	0.404	4.000	131.148	-2.00	4.327	130.658	-150.00
-4.098	131.906	-150.00	-4.000	132.053	-2.00	2052+0.000	132.133	131.726	0.407	4.000	132.053	-2.00	4.348	131.530	-150.00
-4.067	132.567	-150.00	-4.000	132.668	-2.00	2053+0.000	132.748	132.378	0.369	4.000	132.668	-2.00	4.321	132.186	-150.00
-4.064	133.183	-150.00	-4.000	133.280	-2.00	2054+0.000	133.360	133.021	0.338	4.000	133.280	-2.00	4.286	132.850	-150.00
-4.108	133.710	-150.00	-4.000	133.872	-2.00	2055+0.000	133.952	133.532	0.420	4.000	133.872	-2.00	4.349	133.348	-150.00
-4.110	133.981	-150.00	-4.000	134.146	-2.00	2056+0.000	134.226	133.813	0.412	4.000	134.146	-2.00	4.336	133.642	-150.00
-4.090	134.155	-150.00	-4.000	134.290	-2.00	2057+0.000	134.370	133.973	0.398	4.000	134.290	-2.00	4.301	133.839	-150.00
-4.104	134.165	-150.00	-4.000	134.321	-2.00	2058+0.000	134.401	133.998	0.403	4.000	134.321	-2.00	4.296	133.877	-150.00
-4.101	133.998	-150.00	-4.000	134.149	-2.00	2059+0.000	134.229	133.823	0.406	4.000	134.149	-2.00	4.320	133.669	-150.00
-4.115	133.713	-150.00	-4.000	133.885	-2.00	2060+0.000	133.965	133.570	0.396	4.000	133.885	-2.00	4.323	133.400	-150.00
-4.078	133.335	-150.00	-4.000	133.452	-2.00	2061+0.000	133.532	133.208	0.324	4.000	133.452	-2.00	4.251	133.075	-150.00
-4.045	132.912	-150.00	-4.000	132.980	-2.00	2062+0.000	133.060	132.847	0.213	4.000	132.980	-2.00	4.133	132.780	-150.00
-4.031	132.461	-150.00	-4.000	132.507	-2.00	2063+0.000	132.587	132.393	0.194	4.000	132.507	-2.00	4.122	132.324	-150.00
-4.031	132.055	66.67	-4.000	132.035	-2.00	2064+0.000	132.115	132.011	0.103	4.000	132.035	-2.00	4.045	131.967	-150.00
-4.100	131.411	-150.00	-4.000	131.562	-2.00	2065+0.000	131.642	131.374	0.268	4.000	131.562	-2.00	4.150	131.337	-150.00
-4.219	130.754	-150.00	-4.000	131.082	-2.00	2066+0.000	131.162	130.762	0.400	4.000	131.082	-2.00	4.207	130.771	-150.00
-4.233	129.917	-150.00	-4.000	130.267	-2.00	2067+0.000	130.347	130.021	0.326	4.000	130.267	-2.00	4.097	130.121	-150.00
-4.279	129.114	-150.00	-4.000	129.533	-2.00	2068+0.000	129.613	129.236	0.377	4.000	129.533	-2.00	4.120	129.353	-150.00
-4.358	128.462	-150.00	-4.000	128.999	-2.00	2069+0.000	129.079	128.685	0.394	4.000	128.999	-2.00	4.071	128.893	-150.00
-4.333	128.473	-150.00	-4.000	128.972	-2.00	2070+0.000	129.052	128.653	0.399	4.000	128.972	-2.00	4.082	128.850	-150.00
-4.238	128.702	-150.00	-4.000	129.059	-2.00	2071+0.000	129.139	128.890	0.249	4.000	129.059	-2.00	4.016	129.070	66.67
-4.215	128.823	-150.00	-4.000	129.146	-2.00	2072+0.000	129.226	129.010	0.216	4.000	129.146	-2.00	4.064	129.189	66.67
-4.210	128.919	-150.00	-4.000	129.233	-2.00	2073+0.000	129.313	129.097	0.216	4.000	129.233	-2.00	4.055	129.270	66.67
-4.221	128.989	-150.00	-4.000	129.320	-2.00	2074+0.000	129.400	129.165	0.235	4.000	129.320	-2.00	4.020	129.333	66.67
-4.215	128.923	-150.00	-4.000	129.246	-2.00	2075+0.000	129.326	129.107	0.219	4.000	129.246	-2.00	4.056	129.283	66.67
-4.328	128.680	-150.00	-4.000	129.172	-2.00	2076+0.000	129.252	128.808	0.444	4.000	129.172	-2.00	4.161	128.931	-150.00
-4.358	128.562	-150.00	-4.000	129.098	-2.00	2077+0.000	129.178	128.713	0.465	4.000	129.098	-2.00	4.161	128.858	-150.00
-4.284	128.636	-150.00	-4.000	129.062	-2.00	2078+0.000	129.142	128.725	0.416	4.000	129.062	-2.00	4.167	128.812	-150.00
-4.280	129.024	-150.00	-4.000	129.444	-2.00	2079+0.000	129.524	129.113	0.410	4.000	129.444	-2.00	4.162	129.200	-150.00
-4.355	129.504	-150.00	-4.000	130.037	-2.00	2080+0.000	130.117	129.534	0.582	4.000	130.037	-2.00	4.275	129.624	-150.00
-4.286	130.201	-150.00	-4.000	130.630	-2.00	2081+0.000	130.710	130.230	0.480	4.000	130.630	-2.00	4.247	130.259	-150.00
-4.241	130.886	-150.00	-4.000	131.247	-2.00	2082+0.000	131.327	130.915	0.412	4.000	131.247	-2.00	4.202	130.944	-150.00
-4.239	131.628	-150.00	-4.000	131.986	-2.00	2083+0.000	132.066	131.645	0.422	4.000	131.986	-2.00	4.215	131.663	-150.00
-4.222	132.393	-150.00	-4.000	132.726	-2.00	2084+0.000	132.806	132.410	0.396	4.000	132.726	-2.00	4.197	132.431	-150.00
-4.232	133.102	-150.00	-4.000	133.450	-2.00	2085+0.000	133.530	133.137	0.393	4.000	133.450	-2.00	4.185	133.172	-150.00
-4.203	133.704	-150.00	-4.000	134.009	-2.00	2086+0.000	134.089	133.741	0.347	4.000	134.009	-2.00	4.154	133.778	-150.00
-4.245	134.059	-150.00	-4.000	134.426	-2.00	2087+0.000	134.506	134.105	0.401	4.000	134.426	-2.00	4.196	134.132	-150.00
-4.150	134.290	-150.00	-4.000	134.514	-2.00	2088+0.000	134.594	134.344	0.250	4.000	134.514	-2.00	4.077	134.398	-150.00
-4.063	134.390	-150.00	-4.000	134.484	-2.00	2089+0.000	134.564	134.444	0.120	4.000	134.484	-2.00	4.021	134.498	66.67
-4.249	134.081	-150.00	-4.000	134.454	-2.00	2090+0.000	134.534	134.198	0.336	4.000	134.454	-2.00	4.095	134.311	-150.00
-4.334	133.877	-150.00	-4.000	134.377	-2.00	2091+0.000	134.457	134.085	0.372	4.000	134.377	-2.00	4.069	134.274	-150.00
-4.349	133.763	-150.00	-4.000	134.286	-2.00	2092+0.000	134.366	133.978	0.388	4.000	134.286	-2.00	4.079	134.167	-150.00
-4.358	133.658	-150.00	-4.000	134.194	-2.00	2093+0.000	134.274	133.875	0.399	4.000	134.194	-2.00	4.068	134.093	-150.00
-4.391	133.668	-150.00	-4.000	134.255	-2.00	2094+0.000	134.335	133.945	0.390	4.000	134.255	-2.00	4.041	134.193	-150.00
-4.396	133.744	-150.00	-4.000	134.337	-2.00	2095+0.000	134.417	134.025	0.392	4.000	134.337	-2.00	4.028	134.296	-150.00
-4.411	133.802	-150.00	-4.000	134.419	-2.00	2096+0.000	134.499	134.085	0.415	4.000	134.419	-2.00	4.042	134.356	-150.00
-4.413	133.746	-150.00	-4.000	134.366	-2.00	2097+0.000	134.446	134.054	0.392	4.000	134.366	-2.00	4.016	134.342	-150.00
-4.392	133.627	-150.00	-4.000	134.215	-2.00	2098+0.000	134.295	133.932	0.363	4.000	134.215	-2.00	4.006	134.219	66.67

Osvaldo Leôncio da Silva
Diretor da Unidade de Projetos
Projetos e Obras - DUPRO
Secretaria das Cidades

-4.415	133.441	-150.00	-4.000	134.063	-2.00	2099+0.000	134.143	133.750	0.393	4.000	134.063	-2.00	4.017	134.038	-150.00
-4.443	133.394	-150.00	-4.000	134.058	-2.00	2100+0.000	134.138	133.750	0.388	4.000	134.058	-2.00	4.030	134.078	66.67
-4.506	133.475	-150.00	-4.000	134.234	-2.00	2101+0.000	134.314	133.912	0.402	4.000	134.234	-2.00	4.115	134.311	66.67
-4.489	134.411	-150.00	-4.000	135.145	-2.00	2102+0.000	135.225	134.846	0.379	4.000	135.145	-2.00	4.157	135.250	66.67
-4.622	135.602	-150.00	-4.000	136.535	-2.00	2103+0.000	136.615	136.339	0.275	4.000	136.535	-2.00	4.874	137.117	66.67
-4.686	137.079	-150.00	-4.000	138.108	-2.00	2104+0.000	138.188	137.827	0.362	4.000	138.108	-2.00	4.703	138.577	66.67
-4.653	138.703	-150.00	-4.000	139.682	-2.00	2105+0.000	139.762	139.595	0.167	4.000	139.682	-2.00	5.433	140.637	66.67
-4.726	140.167	-150.00	-4.000	141.256	-2.00	2106+0.000	141.336	141.087	0.249	4.000	141.256	-2.00	5.257	142.094	66.67
-4.862	141.537	-150.00	-4.000	142.830	-2.00	2107+0.000	142.910	142.498	0.412	4.000	142.830	-2.00	5.118	143.575	66.67
-4.963	142.403	-150.00	-4.000	143.847	-2.00	2108+0.000	143.927	143.508	0.419	4.000	143.847	-2.00	5.175	144.631	66.67
-5.032	143.014	-150.00	-4.000	144.563	-2.00	2109+0.000	144.643	144.203	0.440	4.000	144.563	-2.00	4.975	145.213	66.67
-5.049	143.444	-150.00	-4.000	145.019	-2.00	2110+0.000	145.099	144.656	0.443	4.000	145.019	-2.00	4.964	145.661	66.67
-5.020	142.701	-150.00	-4.000	144.231	-2.00	2111+0.000	144.311	143.841	0.469	4.000	144.231	-2.00	4.732	144.719	66.67
-4.809	141.591	-150.00	-4.000	142.805	-2.00	2112+0.000	142.885	142.462	0.424	4.000	142.805	-2.00	4.734	143.295	66.67
-4.738	139.486	-150.00	-4.000	140.593	-2.00	2113+0.000	140.673	140.331	0.341	4.000	140.593	-2.00	4.905	141.196	66.67
-4.578	137.513	-150.00	-4.000	138.380	-2.00	2114+0.000	138.460	138.160	0.300	4.000	138.380	-2.00	4.917	138.991	66.67
-4.606	135.604	-150.00	-4.000	136.513	-2.00	2115+0.000	136.593	136.281	0.311	4.000	136.513	-2.00	4.963	137.155	66.67
-4.556	134.822	-150.00	-4.000	135.656	-2.00	2116+0.000	135.736	135.510	0.226	4.000	135.656	-2.00	5.180	136.442	66.67
-4.680	134.719	-150.00	-4.000	135.738	-2.00	2117+0.000	135.818	135.456	0.363	4.000	135.738	-2.00	4.872	136.319	66.67
-4.649	135.023	-150.00	-4.000	135.997	-2.00	2118+0.000	136.077	135.769	0.308	4.000	135.997	-2.00	4.986	136.654	66.67
-4.557	135.208	-150.00	-4.000	136.043	-2.00	2119+0.000	136.123	135.952	0.171	4.000	136.043	-2.00	5.266	136.887	66.67
-4.663	134.462	-150.00	-4.000	135.457	-2.00	2120+0.000	135.537	135.254	0.283	4.000	135.457	-2.00	5.023	136.139	66.67
-4.740	133.098	-150.00	-4.000	134.208	-2.00	2121+0.000	134.288	133.904	0.384	4.000	134.208	-2.00	4.862	134.782	66.67
-4.720	131.065	-150.00	-4.000	132.146	-2.00	2122+0.000	132.226	131.893	0.333	4.000	132.146	-2.00	4.967	132.790	66.67
-4.694	129.002	-150.00	-4.000	130.044	-2.00	2123+0.000	130.124	129.787	0.337	4.000	130.044	-2.00	4.825	130.593	66.67
-4.718	126.906	-150.00	-4.000	127.983	-2.00	2124+0.000	128.063	127.618	0.444	4.000	127.983	-2.00	4.465	128.293	66.67
-4.689	125.947	-150.00	-4.000	126.980	-2.00	2125+0.000	127.060	126.639	0.421	4.000	126.980	-2.00	4.479	127.299	66.67
-4.699	125.096	-150.00	-4.000	126.145	-2.00	2126+0.000	126.225	125.630	0.595	4.000	126.145	-2.00	4.037	126.089	-150.00
-4.495	124.566	-150.00	-4.000	125.309	-2.00	2127+0.000	125.389	125.009	0.381	4.000	125.309	-2.00	4.091	125.370	66.67
-4.396	124.306	-150.00	-4.000	124.901	-2.00	2128+0.000	124.981	124.595	0.386	4.000	124.901	-2.00	4.008	124.888	-150.00
-4.326	124.171	-150.00	-4.000	124.660	-2.00	2129+0.000	124.740	124.353	0.386	4.000	124.660	-2.00	4.009	124.647	-150.00
-4.261	124.028	-150.00	-4.000	124.418	-2.00	2130+0.000	124.498	124.110	0.389	4.000	124.418	-2.00	4.008	124.406	-150.00
-4.170	124.152	-150.00	-4.000	124.407	-2.00	2131+0.000	124.487	124.087	0.400	4.000	124.407	-2.00	4.011	124.390	-150.00
-4.157	124.315	-150.00	-4.000	124.551	-2.00	2132+0.000	124.631	124.233	0.398	4.000	124.551	-2.00	4.082	124.428	-150.00
-4.156	124.564	-150.00	-4.000	124.799	-2.00	2133+0.000	124.879	124.483	0.396	4.000	124.799	-2.00	4.131	124.602	-150.00
-4.101	125.037	-150.00	-4.000	125.188	-2.00	2134+0.000	125.268	124.931	0.338	4.000	125.188	-2.00	4.167	124.938	-150.00
-4.096	125.470	-150.00	-4.000	125.615	-2.00	2135+0.000	125.695	125.362	0.332	4.000	125.615	-2.00	4.192	125.327	-150.00
-4.189	125.758	-150.00	-4.000	126.041	-2.00	2136+0.000	126.121	125.694	0.427	4.000	126.041	-2.00	4.274	125.629	-150.00
-4.276	126.053	-150.00	-4.000	126.468	-2.00	2137+0.000	126.548	126.037	0.510	4.000	126.468	-2.00	4.297	126.022	-150.00
-4.269	126.490	-150.00	-4.000	126.894	-2.00	2138+0.000	126.974	126.475	0.499	4.000	126.894	-2.00	4.289	126.460	-150.00
-4.233	126.971	-150.00	-4.000	127.320	-2.00	2139+0.000	127.400	126.942	0.458	4.000	127.320	-2.00	4.262	126.928	-150.00
-4.217	127.365	-150.00	-4.000	127.691	-2.00	2140+0.000	127.771	127.329	0.441	4.000	127.691	-2.00	4.265	127.293	-150.00
-4.121	127.847	-150.00	-4.000	128.028	-2.00	2141+0.000	128.108	127.745	0.363	4.000	128.028	-2.00	4.259	127.639	-150.00
-4.161	128.124	-150.00	-4.000	128.365	-2.00	2142+0.000	128.445	127.928	0.517	4.000	128.365	-2.00	4.376	127.802	-150.00
-4.032	128.655	-150.00	-4.000	128.703	-2.00	2143+0.000	128.783	128.461	0.321	4.000	128.703	-2.00	4.298	128.255	-150.00
-4.224	128.703	-150.00	-4.000	129.040	-2.00	2144+0.000	129.120	128.591	0.529	4.000	129.040	-2.00	4.377	128.474	-150.00
-4.152	129.149	-150.00	-4.000	129.377	-2.00	2145+0.000	129.457	129.108	0.349	4.000	129.377	-2.00	4.224	129.042	-150.00
-4.219	129.386	-150.00	-4.000	129.714	-2.00	2146+0.000	129.794	129.345	0.449	4.000	129.714	-2.00	4.274	129.304	-150.00
-4.186	129.773	-150.00	-4.000	130.052	-2.00	2147+0.000	130.132	129.828	0.304	4.000	130.052	-2.00	4.114	129.881	-150.00
-4.208	130.077	-150.00	-4.000	130.389	-2.00	2148+0.000	130.469	130.126	0.343	4.000	130.389	-2.00	4.142	130.177	-150.00
-4.240	130.367	-150.00	-4.000	130.726	-2.00	2149+0.000	130.806	130.420	0.386	4.000	130.726	-2.00	4.169	130.472	-150.00
-4.240	130.703	-150.00	-4.000	131.064	-2.00	2150+0.000	131.144	130.719	0.425	4.000	131.064	-2.00	4.219	130.735	-150.00
-4.269	130.997	-150.00	-4.000	131.401	-2.00	2151+0.000	131.481	131.015	0.466	4.000	131.401	-2.00	4.246	131.032	-150.00
-4.303	131.284	-150.00	-4.000	131.738	-2.00	2152+0.000	131.818	131.271	0.547	4.000	131.738	-2.00	4.320	131.258	-150.00
-4.325	131.587	-150.00	-4.000	132.075	-2.00	2153+0.000	132.155	131.573	0.582	4.000	132.075	-2.00	4.347	131.555	-150.00
-4.306	131.954	-150.00	-4.000	132.413	-2.00	2154+0.000	132.493	131.937	0.556	4.000	132.413	-2.00	4.328	131.920	-150.00
-4.266	132.351	-150.00	-4.000	132.750	-2.00	2155+0.000	132.830	132.349	0.481	4.000	132.750	-2.00	4.268	132.348	-150.00
-4.222	132.754	-150.00	-4.000	133.087	-2.00	2156+0.000	133.167	132.739	0.429	4.000	133.087	-2.00	4.231	132.741	-150.00
-4.219	133.081	-150.00	-4.000	133.409	-2.00	2157+0.000	133.489	133.079	0.409	4.000	133.409	-2.00	4.210	133.094	-150.00
-4.239	133.332	-150.00	-4.000	133.691	-2.00	2158+0.000	133.771	133.369	0.402	4.000	133.691	-2.00	4.174	133.430	-150.00
-4.242	133.374	-150.00	-4.000	133.738	-2.00	2159+0.000	133.818	133.409	0.408	4.000	133.738	-2.00	4.178	133.471	-150.00
-4.259	133.313	-150.00	-4.000	133.702	-2.00	2160+0.000	133.782	133.378	0.404	4.000	133.702	-2.00	4.145	133.484	-150.00
-4.254	133.224	-150.00	-4.000	133.606	-2.00	2161+0.000	133.686	133.288	0.399	4.000	133.606	-2.00	4.133	133.407	-150.00
-4.206	132.895	-150.00	-4.000	133.205	-2.00	2162+0.000	133.285	132.889	0.396	4.000	133.205	-2.00	4.161	132.964	-150.00
-4.202	132.730	-150.00	-4.000	133.033	-2.00	2163+0.000	133.113	132.693	0.420	4.000	133.033	-2.00	4.210	132.717	-150.00
-4.322	132.708	-150.00	-4.000	133.192	-2.00	2164+0.000	133.272	132.669	0.602	4.000	133.192	-2.00	4.357	132.656	-150.00
-4.299	132.901	-150.00	-4.000	133.350	-2.00	2165+0.000	133.430	132.795	0.636	4.000	133.350	-2.00	4.444	132.684	-150.00
-4.232	133.195	-150.00	-4.000	133.543	-2.00	2166+0.000	133.623	133.096	0.527	4.000	133.543	-2.00	4.366	132.994	-150.00
-4.145	133.820	-150.00	-4.000	134.038	-2.00	2167+0.000	134.118	133.722	0.396	4.000	134.038	-2.00	4.278	133.621	-150.00
-4.121	134.610	-150.00	-4.000	134.791	-2.00	2168+0.000	134.871	134.488	0.383	4.000	134.791	-2.00	4.287	134.361	-150.00
-4.154	135.443	-150.00	-4.000	135.674	-2.00	2169+0.000	135.754	135.324	0.431	4.000	135.674	-2.00	4.311	135.207	-150.00
-4.186	136.514	-150.00	-4.000	136.793	-2.00	2170+0.000	136.873	136.408	0.465	4.000	136.793	-2.00	4.330	136.298	-150.00
-4.170	137.656	-150.00	-4.000	137.911	-2.00	2171+0.000	137.991	137.561	0.430	4.000	137.911	-2.00	4.299	137.462	-150.00
-4.122	138.845	-150.00	-4.000	139.029	-2.00	2172+0.000	139.109	138.751	0.358	4.000	139.029	-2.00	4.250	138.653	-150.00
-4.124	139.961	-150.00	-4.000	140.147	-2.00	2173+0.000	140.227	139.838	0.389	4.000	140.147	-2.00	4.292	139.709	-150.00
-4.049	141.026	66.67	-4.000	140.994	-2.00	2174+0.000	141.074	140.905	0.169	4.000	140.994	-2.00	4.158	140.756	-150.00
-4.212	141.932	66.67	-4.000	141.791	-2.00	2175+0.000	141.871	141.774	0.097	4.000	141.791	-2.00	4.114	141.620	-150.00
			-4.000	142.589	-2.00	2176+0.000	142.669	142.367	0.302	4.000	142.589	-2.00	4.305	142.132	-150.00
-4.088	143.219	-150.00	-4.000	143.351	-2.00	2177+0.000	143.431	142.964	0.468	4.000	143.351	-2.00	4.424	142.716	-150.00
-4.127	143.853	-150.00	-4.000	144.044	-2.00	2178+0.000	144.124	143.595	0.529	4.000	144.044	-2.00	4.487	143.314	-150.00
-4.144	144.520	-150.00	-4.000	144.736	-2.00	2179+0.000	144.816	144.238	0.579	4.000	144.736	-2.00	4.539	143.928	-150.00

Osvaldo Leonardo da Silva
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Secid)

-4.044	145.439	-150.00	-4.000	145.505	-2.00	2180+0.000	145.585	145.173	0.412	4.000	145.505	-2.00	4.417	144.880	-150.00
-4.106	146.523	-150.00	-4.000	146.682	-2.00	2181+0.000	146.762	146.248	0.513	4.000	146.682	-2.00	4.489	145.948	-150.00
-4.053	147.778	-150.00	-4.000	147.858	-2.00	2182+0.000	147.938	147.507	0.431	4.000	147.858	-2.00	4.436	147.203	-150.00
-4.024	148.998	-150.00	-4.000	149.035	-2.00	2183+0.000	149.115	148.703	0.412	4.000	149.035	-2.00	4.436	148.380	-150.00
-4.253	150.235	66.67	-4.000	150.067	-2.00	2184+0.000	150.147	149.923	0.224	4.000	150.067	-2.00	4.306	149.607	-150.00
-4.028	151.065	66.67	-4.000	151.046	-2.00	2185+0.000	151.126	150.723	0.403	4.000	151.046	-2.00	4.468	150.344	-150.00
			-4.000	151.768	-2.00	2186+0.000	151.848	151.430	0.418	4.000	151.768	-2.00	4.479	151.050	-150.00
-4.031	152.300	66.67	-4.000	152.280	-2.00	2187+0.000	152.360	151.969	0.391	4.000	152.280	-2.00	4.458	151.593	-150.00
-4.014	152.802	66.67	-4.000	152.792	-2.00	2188+0.000	152.872	152.482	0.390	4.000	152.792	-2.00	4.457	152.106	-150.00
			-4.000	153.390	-2.00	2189+0.000	153.470	153.075	0.395	4.000	153.390	-2.00	4.450	152.715	-150.00
-4.010	154.132	66.67	-4.000	154.126	-2.00	2190+0.000	154.206	153.822	0.383	4.000	154.126	-2.00	4.438	153.469	-150.00
-4.087	154.941	-150.00	-4.000	155.071	-2.00	2191+0.000	155.151	154.720	0.430	4.000	155.071	-2.00	4.414	154.450	-150.00
-4.119	155.932	-150.00	-4.000	156.110	-2.00	2192+0.000	156.190	155.712	0.479	4.000	156.110	-2.00	4.429	155.467	-150.00
-4.097	157.005	-150.00	-4.000	157.150	-2.00	2193+0.000	157.230	156.812	0.418	4.000	157.150	-2.00	4.383	156.575	-150.00
-4.061	158.098	-150.00	-4.000	158.190	-2.00	2194+0.000	158.270	157.933	0.337	4.000	158.190	-2.00	4.288	157.758	-150.00
-4.009	159.215	-150.00	-4.000	159.229	-2.00	2195+0.000	159.309	159.073	0.236	4.000	159.229	-2.00	4.195	158.937	-150.00
-4.117	160.347	66.67	-4.000	160.269	-2.00	2196+0.000	160.349	160.234	0.115	4.000	160.269	-2.00	4.098	160.122	-150.00
-4.076	161.359	66.67	-4.000	161.308	-2.00	2197+0.000	161.388	161.270	0.118	4.000	161.308	-2.00	4.083	161.184	-150.00
-4.035	162.371	66.67	-4.000	162.348	-2.00	2198+0.000	162.428	162.283	0.145	4.000	162.348	-2.00	4.103	162.193	-150.00
-4.103	163.151	-150.00	-4.000	163.306	-2.00	2199+0.000	163.386	163.062	0.324	4.000	163.306	-2.00	4.224	162.970	-150.00
-4.148	163.752	-150.00	-4.000	163.974	-2.00	2200+0.000	164.054	163.658	0.397	4.000	163.974	-2.00	4.276	163.560	-150.00
-4.148	164.120	-150.00	-4.000	164.342	-2.00	2201+0.000	164.422	164.039	0.382	4.000	164.342	-2.00	4.257	163.956	-150.00
-4.142	164.196	-150.00	-4.000	164.408	-2.00	2202+0.000	164.488	164.125	0.363	4.000	164.408	-2.00	4.237	164.053	-150.00
-4.100	164.023	-150.00	-4.000	164.173	-2.00	2203+0.000	164.253	163.947	0.306	4.000	164.173	-2.00	4.203	163.869	-150.00
-4.045	163.641	-150.00	-4.000	163.709	-2.00	2204+0.000	163.789	163.588	0.201	4.000	163.709	-2.00	4.117	163.534	-150.00
-4.112	163.063	-150.00	-4.000	163.231	-2.00	2205+0.000	163.311	163.005	0.306	4.000	163.231	-2.00	4.192	162.942	-150.00
-4.176	162.489	-150.00	-4.000	162.752	-2.00	2206+0.000	162.832	162.409	0.424	4.000	162.752	-2.00	4.284	162.327	-150.00
-4.274	161.862	-150.00	-4.000	162.274	-2.00	2207+0.000	162.354	161.778	0.576	4.000	162.274	-2.00	4.399	161.675	-150.00
-4.183	161.521	-150.00	-4.000	161.796	-2.00	2208+0.000	161.876	161.387	0.489	4.000	161.796	-2.00	4.350	161.271	-150.00
-4.206	161.272	-150.00	-4.000	161.582	-2.00	2209+0.000	161.662	161.144	0.518	4.000	161.582	-2.00	4.384	161.006	-150.00
-4.208	161.096	-150.00	-4.000	161.409	-2.00	2210+0.000	161.489	160.946	0.543	4.000	161.409	-2.00	4.413	160.789	-150.00
-4.187	160.955	-150.00	-4.000	161.235	-2.00	2211+0.000	161.315	160.817	0.498	4.000	161.235	-2.00	4.375	160.673	-150.00
-4.124	160.982	-150.00	-4.000	161.169	-2.00	2212+0.000	161.249	160.848	0.401	4.000	161.169	-2.00	4.307	160.709	-150.00
-4.130	161.007	-150.00	-4.000	161.202	-2.00	2213+0.000	161.282	160.894	0.388	4.000	161.202	-2.00	4.283	160.777	-150.00
-4.118	161.059	-150.00	-4.000	161.235	-2.00	2214+0.000	161.315	160.921	0.394	4.000	161.235	-2.00	4.305	160.777	-150.00
-4.112	161.101	-150.00	-4.000	161.268	-2.00	2215+0.000	161.348	160.964	0.385	4.000	161.268	-2.00	4.313	160.798	-150.00
-4.142	161.205	-150.00	-4.000	161.419	-2.00	2216+0.000	161.499	161.129	0.370	4.000	161.419	-2.00	4.286	160.990	-150.00
-4.116	161.492	-150.00	-4.000	161.666	-2.00	2217+0.000	161.746	161.354	0.391	4.000	161.666	-2.00	4.303	161.211	-150.00
-4.101	161.851	-150.00	-4.000	162.002	-2.00	2218+0.000	162.082	161.744	0.338	4.000	162.002	-2.00	4.245	161.634	-150.00
-4.197	162.283	-150.00	-4.000	162.578	-2.00	2219+0.000	162.658	162.198	0.460	4.000	162.578	-2.00	4.312	162.111	-150.00
-4.325	162.699	-150.00	-4.000	163.187	-2.00	2220+0.000	163.267	162.586	0.681	4.000	163.187	-2.00	4.464	162.491	-150.00
-4.220	163.465	-150.00	-4.000	163.796	-2.00	2221+0.000	163.876	163.336	0.540	4.000	163.796	-2.00	4.396	163.202	-150.00
-4.198	164.225	-150.00	-4.000	164.522	-2.00	2222+0.000	164.602	164.141	0.461	4.000	164.522	-2.00	4.311	164.055	-150.00
-4.195	165.120	-150.00	-4.000	165.412	-2.00	2223+0.000	165.492	165.021	0.471	4.000	165.412	-2.00	4.328	164.920	-150.00
-4.180	166.033	-150.00	-4.000	166.303	-2.00	2224+0.000	166.383	165.935	0.448	4.000	166.303	-2.00	4.291	165.867	-150.00
-4.179	166.926	-150.00	-4.000	167.194	-2.00	2225+0.000	167.274	166.852	0.422	4.000	167.194	-2.00	4.278	166.777	-150.00
-4.180	167.815	-150.00	-4.000	168.085	-2.00	2226+0.000	168.165	167.742	0.423	4.000	168.085	-2.00	4.279	167.667	-150.00
-4.259	168.864	-150.00	-4.000	169.253	-2.00	2227+0.000	169.333	168.816	0.518	4.000	169.253	-2.00	4.325	168.766	-150.00
-4.343	170.008	-150.00	-4.000	170.522	-2.00	2228+0.000	170.602	169.950	0.652	4.000	170.522	-2.00	4.416	169.898	-150.00
-4.267	171.390	-150.00	-4.000	171.790	-2.00	2229+0.000	171.870	171.327	0.543	4.000	171.790	-2.00	4.351	171.264	-150.00
-4.191	172.771	-150.00	-4.000	173.058	-2.00	2230+0.000	173.138	172.713	0.425	4.000	173.058	-2.00	4.269	172.654	-150.00
-4.151	174.100	-150.00	-4.000	174.327	-2.00	2231+0.000	174.407	174.118	0.289	4.000	174.327	-2.00	4.177	174.062	-150.00
-4.236	175.140	-150.00	-4.000	175.495	-2.00	2232+0.000	175.575	175.145	0.430	4.000	175.495	-2.00	4.208	175.183	-150.00
-4.246	176.044	-150.00	-4.000	176.413	-2.00	2233+0.000	176.493	176.082	0.411	4.000	176.413	-2.00	4.196	176.120	-150.00
-4.244	176.649	-150.00	-4.000	177.014	-2.00	2234+0.000	177.094	176.689	0.405	4.000	177.014	-2.00	4.199	176.716	-150.00
-4.201	176.878	-150.00	-4.000	177.180	-2.00	2235+0.000	177.260	176.939	0.321	4.000	177.180	-2.00	4.128	176.989	-150.00
-4.221	176.845	-150.00	-4.000	177.176	-2.00	2236+0.000	177.256	176.888	0.368	4.000	177.176	-2.00	4.164	176.930	-150.00
-4.192	176.885	-150.00	-4.000	177.172	-2.00	2237+0.000	177.252	176.878	0.374	4.000	177.172	-2.00	4.204	176.866	-150.00
-4.215	176.846	-150.00	-4.000	177.168	-2.00	2238+0.000	177.248	176.850	0.398	4.000	177.168	-2.00	4.209	176.854	-150.00
-4.199	177.246	-150.00	-4.000	177.544	-2.00	2239+0.000	177.624	177.187	0.437	4.000	177.544	-2.00	4.278	177.127	-150.00
-4.181	177.670	-150.00	-4.000	177.941	-2.00	2240+0.000	178.021	177.607	0.415	4.000	177.941	-2.00	4.263	177.547	-150.00
-4.129	178.144	-150.00	-4.000	178.338	-2.00	2241+0.000	178.418	178.053	0.366	4.000	178.338	-2.00	4.302	177.885	-150.00
-4.101	178.584	-150.00	-4.000	178.735	-2.00	2242+0.000	178.815	178.510	0.306	4.000	178.735	-2.00	4.246	178.366	-150.00
-4.015	179.300	-150.00	-4.000	179.322	-2.00	2243+0.000	179.402	179.189	0.213	4.000	179.322	-2.00	4.196	179.028	-150.00
-4.051	180.126	-150.00	-4.000	180.202	-2.00	2244+0.000	180.282	180.029	0.253	4.000	180.202	-2.00	4.188	179.920	-150.00
-4.038	181.051	-150.00	-4.000	181.108	-2.00	2245+0.000	181.188	180.947	0.241	4.000	181.108	-2.00	4.232	180.760	-150.00
-4.132	182.038	-150.00	-4.000	182.236	-2.00	2246+0.000	182.316	181.886	0.429	4.000	182.236	-2.00	4.339	181.727	-150.00
-4.177	183.751	-150.00	-4.000	184.017	-2.00	2247+0.000	184.097	183.590	0.507	4.000	184.017	-2.00	4.398	183.421	-150.00
-4.193	185.509	-150.00	-4.000	185.798	-2.00	2248+0.000	185.878	185.429	0.450	4.000	185.798	-2.00	4.302	185.346	-150.00
-4.128	187.675	-150.00	-4.000	187.867	-2.00	2249+0.000	187.947	187.589	0.357	4.000	187.867	-2.00	4.261	187.476	-150.00
-4.140	189.806	-150.00	-4.000	190.015	-2.00	2250+0.000	190.095	189.795	0.301	4.000	190.015	-2.00	4.220	189.685	-150.00
-4.183	191.653	-150.00	-4.000	191.928	-2.00	2251+0.000	192.008	191.618	0.390	4.000	191.928	-2.00	4.231	191.582	-150.00
-4.177	193.418	-150.00	-4.000	193.683	-2.00	2252+0.000	193.763	193.429	0.334	4.000	193.683	-2.00	4.185	193.406	-150.00
-4.186	194.973	-150.00	-4.000	195.252	-2.00	2253+0.000	195.332	194.969	0.363	4.000	195.252	-2.00	4.202	194.949	-150.00
-4.176	196.452	-150.00	-4.000	196.716	-2.00	2254+0.000	196.796	196.416	0.379	4.000	196.716	-2.00	4.221	196.384	-150.00
-4.121	197.997	-150.00	-4.000	198.179	-2.00	2255+0.000	198.259	197.961	0.298	4.000	198.179	-2.00	4.169	197.926	-150.00
-4.177	199.377	-150.00	-4.000	199.642	-2.00	2256+0.000	199.722	199.467	0.255	4.000	199.642	-2.00	4.144	199.427	-150.00
-4.303	200.652	-150.00	-4.000	201.106	-2.00	2257+0.000	201.186	200.784	0.401	4.000	201.106	-2.00	4.168	200.853	-150.00
-4.338	201.940	-150.00	-4.000	202.447	-2.00	2258+0.000	202.527	202.096	0.431	4.000	202.447	-2.00	4.151	202.221	-150.00
-4.258	203.401	-150.00	-4.000	203.788	-2.00	2259+0.000	203.868	203.445	0.423	4.000	203.788	-2.00	4.198	203.492	-150.00
-4.242	204.668	-150.00	-4.000	205.032	-2.00	2260+0.000	205.112	204.743	0.369	4.000	205.032	-2.00	4.145	204.815	-150.00

Osvaldo Leôncio da Silva
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria

-4.010	205.835	66.67	-4.000	205.829	-2.00	2261+0.000	205.909	205.773	0.136	4.000	205.829	-2.00	4.111	205.662	-150.00
-4.143	205.934	-150.00	-4.000	206.147	-2.00	2262+0.000	206.227	205.920	0.307	4.000	206.147	-2.00	4.160	205.907	-150.00
-4.137	205.799	-150.00	-4.000	206.004	-2.00	2263+0.000	206.084	205.786	0.298	4.000	206.004	-2.00	4.159	205.765	-150.00
-4.120	205.551	-150.00	-4.000	205.732	-2.00	2264+0.000	205.812	205.547	0.265	4.000	205.732	-2.00	4.126	205.543	-150.00
-4.114	205.288	-150.00	-4.000	205.459	-2.00	2265+0.000	205.539	205.262	0.277	4.000	205.459	-2.00	4.151	205.233	-150.00
-4.248	204.814	-150.00	-4.000	205.186	-2.00	2266+0.000	205.266	204.795	0.471	4.000	205.186	-2.00	4.274	204.775	-150.00
-4.287	204.483	-150.00	-4.000	204.913	-2.00	2267+0.000	204.993	204.461	0.532	4.000	204.913	-2.00	4.313	204.444	-150.00
-4.205	204.339	-150.00	-4.000	204.647	-2.00	2268+0.000	204.727	204.298	0.430	4.000	204.647	-2.00	4.261	204.255	-150.00
-4.154	204.366	-150.00	-4.000	204.597	-2.00	2269+0.000	204.677	204.305	0.372	4.000	204.597	-2.00	4.236	204.243	-150.00
-4.118	204.439	-150.00	-4.000	204.616	-2.00	2270+0.000	204.696	204.379	0.317	4.000	204.616	-2.00	4.199	204.317	-150.00
-4.070	204.530	-150.00	-4.000	204.635	-2.00	2271+0.000	204.715	204.466	0.249	4.000	204.635	-2.00	4.156	204.401	-150.00
-4.136	204.451	-150.00	-4.000	204.654	-2.00	2272+0.000	204.734	204.386	0.348	4.000	204.654	-2.00	4.220	204.325	-150.00
-4.204	204.326	-150.00	-4.000	204.632	-2.00	2273+0.000	204.712	204.271	0.441	4.000	204.632	-2.00	4.278	204.214	-150.00
-4.264	204.135	-150.00	-4.000	204.531	-2.00	2274+0.000	204.611	204.115	0.496	4.000	204.531	-2.00	4.291	204.094	-150.00
-4.270	204.025	-150.00	-4.000	204.430	-2.00	2275+0.000	204.510	204.046	0.464	4.000	204.430	-2.00	4.242	204.066	-150.00
-4.310	203.863	-150.00	-4.000	204.329	-2.00	2276+0.000	204.409	203.884	0.525	4.000	204.329	-2.00	4.283	203.905	-150.00
-4.270	203.823	-150.00	-4.000	204.228	-2.00	2277+0.000	204.308	203.866	0.441	4.000	204.228	-2.00	4.212	203.910	-150.00
-4.273	203.886	-150.00	-4.000	204.295	-2.00	2278+0.000	204.375	203.930	0.445	4.000	204.295	-2.00	4.215	203.973	-150.00
-4.313	203.951	-150.00	-4.000	204.421	-2.00	2279+0.000	204.501	203.997	0.504	4.000	204.421	-2.00	4.252	204.042	-150.00
-4.356	204.013	-150.00	-4.000	204.547	-2.00	2280+0.000	204.627	204.091	0.536	4.000	204.547	-2.00	4.254	204.166	-150.00
-4.257	204.295	-150.00	-4.000	204.681	-2.00	2281+0.000	204.761	204.365	0.397	4.000	204.681	-2.00	4.163	204.437	-150.00
-4.226	204.620	-150.00	-4.000	204.959	-2.00	2282+0.000	205.039	204.689	0.350	4.000	204.959	-2.00	4.135	204.757	-150.00
-4.231	204.889	-150.00	-4.000	205.236	-2.00	2283+0.000	205.316	204.950	0.365	4.000	205.236	-2.00	4.150	205.010	-150.00
-4.231	205.167	-150.00	-4.000	205.513	-2.00	2284+0.000	205.593	205.230	0.363	4.000	205.513	-2.00	4.149	205.290	-150.00
-4.239	205.431	-150.00	-4.000	205.790	-2.00	2285+0.000	205.870	205.494	0.376	4.000	205.790	-2.00	4.156	205.556	-150.00
-4.250	205.612	-150.00	-4.000	205.988	-2.00	2286+0.000	206.068	205.677	0.391	4.000	205.988	-2.00	4.165	205.740	-150.00
-4.259	205.769	-150.00	-4.000	206.158	-2.00	2287+0.000	206.238	205.834	0.404	4.000	206.158	-2.00	4.174	205.897	-150.00
-4.265	205.930	-150.00	-4.000	206.327	-2.00	2288+0.000	206.407	206.008	0.400	4.000	206.327	-2.00	4.163	206.083	-150.00
-4.276	206.083	-150.00	-4.000	206.497	-2.00	2289+0.000	206.577	206.167	0.410	4.000	206.497	-2.00	4.161	206.256	-150.00
-4.269	206.358	-150.00	-4.000	206.762	-2.00	2290+0.000	206.842	206.450	0.392	4.000	206.762	-2.00	4.149	206.539	-150.00
-4.247	206.684	-150.00	-4.000	207.054	-2.00	2291+0.000	207.134	206.784	0.350	4.000	207.054	-2.00	4.115	206.881	-150.00
-4.217	207.021	-150.00	-4.000	207.346	-2.00	2292+0.000	207.426	207.120	0.306	4.000	207.346	-2.00	4.092	207.208	-150.00
-4.218	207.311	-150.00	-4.000	207.638	-2.00	2293+0.000	207.718	207.402	0.316	4.000	207.638	-2.00	4.098	207.491	-150.00
-4.261	207.538	-150.00	-4.000	207.930	-2.00	2294+0.000	208.010	207.610	0.400	4.000	207.930	-2.00	4.166	207.680	-150.00
-4.153	207.358	-150.00	-4.000	207.588	-2.00	2295+0.000	207.668	207.428	0.240	4.000	207.588	-2.00	4.068	207.486	-150.00
-4.150	207.021	-150.00	-4.000	207.246	-2.00	2296+0.000	207.326	207.075	0.251	4.000	207.246	-2.00	4.079	207.128	-150.00
-4.234	206.553	-150.00	-4.000	206.905	-2.00	2297+0.000	206.985	206.615	0.369	4.000	206.905	-2.00	4.152	206.677	-150.00
-4.359	206.108	-150.00	-4.000	206.646	-2.00	2298+0.000	206.726	206.176	0.550	4.000	206.646	-2.00	4.270	206.241	-150.00
-4.451	205.736	-150.00	-4.000	206.413	-2.00	2299+0.000	206.493	205.806	0.687	4.000	206.413	-2.00	4.359	205.874	-150.00
-4.380	205.610	-150.00	-4.000	206.180	-2.00	2300+0.000	206.260	205.662	0.598	4.000	206.180	-2.00	4.311	205.713	-150.00
-4.274	205.672	-150.00	-4.000	206.084	-2.00	2301+0.000	206.164	205.723	0.441	4.000	206.084	-2.00	4.207	205.773	-150.00
-4.384	205.857	-150.00	-4.000	206.432	-2.00	2302+0.000	206.512	205.903	0.609	4.000	206.432	-2.00	4.322	205.949	-150.00
-4.390	206.196	-150.00	-4.000	206.781	-2.00	2303+0.000	206.861	206.234	0.627	4.000	206.781	-2.00	4.340	206.271	-150.00
-4.298	206.683	-150.00	-4.000	207.130	-2.00	2304+0.000	207.210	206.753	0.457	4.000	207.130	-2.00	4.227	206.789	-150.00
-4.230	207.155	-150.00	-4.000	207.501	-2.00	2305+0.000	207.581	207.224	0.357	4.000	207.501	-2.00	4.140	207.291	-150.00
-4.192	207.602	-150.00	-4.000	207.891	-2.00	2306+0.000	207.971	207.679	0.292	4.000	207.891	-2.00	4.091	207.754	-150.00
-4.200	207.981	-150.00	-4.000	208.281	-2.00	2307+0.000	208.361	208.067	0.294	4.000	208.281	-2.00	4.093	208.141	-150.00
-4.275	208.258	-150.00	-4.000	208.671	-2.00	2308+0.000	208.751	208.351	0.400	4.000	208.671	-2.00	4.153	208.440	-150.00
-4.264	208.100	-150.00	-4.000	208.495	-2.00	2309+0.000	208.575	208.196	0.380	4.000	208.495	-2.00	4.135	208.293	-150.00
-4.329	207.826	-150.00	-4.000	208.320	-2.00	2310+0.000	208.400	207.928	0.472	4.000	208.320	-2.00	4.195	208.027	-150.00
-4.374	207.380	-150.00	-4.000	207.941	-2.00	2311+0.000	208.021	207.474	0.547	4.000	207.941	-2.00	4.250	207.566	-150.00
-4.407	206.951	-150.00	-4.000	207.562	-2.00	2312+0.000	207.642	207.034	0.607	4.000	207.562	-2.00	4.304	207.106	-150.00
-4.391	206.596	-150.00	-4.000	207.183	-2.00	2313+0.000	207.263	206.664	0.599	4.000	207.183	-2.00	4.302	206.730	-150.00
-4.292	206.366	-150.00	-4.000	206.804	-2.00	2314+0.000	206.884	206.387	0.497	4.000	206.804	-2.00	4.264	206.408	-150.00
-4.207	206.310	-150.00	-4.000	206.620	-2.00	2315+0.000	206.700	206.317	0.383	4.000	206.620	-2.00	4.190	206.335	-150.00
-4.183	206.321	-150.00	-4.000	206.596	-2.00	2316+0.000	206.676	206.321	0.355	4.000	206.596	-2.00	4.183	206.321	-150.00
-4.215	206.250	-150.00	-4.000	206.572	-2.00	2317+0.000	206.652	206.250	0.403	4.000	206.572	-2.00	4.199	206.274	-150.00
-4.219	206.019	-150.00	-4.000	206.347	-2.00	2318+0.000	206.427	206.030	0.397	4.000	206.347	-2.00	4.204	206.040	-150.00
-4.198	205.712	-150.00	-4.000	206.010	-2.00	2319+0.000	206.090	205.730	0.359	4.000	206.010	-2.00	4.174	205.748	-150.00
-4.265	205.274	-150.00	-4.000	205.672	-2.00	2320+0.000	205.752	205.303	0.449	4.000	205.672	-2.00	4.226	205.333	-150.00
-4.332	204.837	-150.00	-4.000	205.335	-2.00	2321+0.000	205.415	204.869	0.545	4.000	205.335	-2.00	4.289	204.902	-150.00
-4.418	204.370	-150.00	-4.000	204.997	-2.00	2322+0.000	205.077	204.438	0.639	4.000	204.997	-2.00	4.340	204.486	-150.00
-4.429	203.971	-150.00	-4.000	204.614	-2.00	2323+0.000	204.694	204.032	0.662	4.000	204.614	-2.00	4.348	204.093	-150.00
-4.414	203.538	-150.00	-4.000	204.159	-2.00	2324+0.000	204.239	203.607	0.632	4.000	204.159	-2.00	4.322	203.677	-150.00
-4.399	203.033	-150.00	-4.000	203.631	-2.00	2325+0.000	203.711	203.096	0.615	4.000	203.631	-2.00	4.315	203.158	-150.00
-4.460	202.340	-150.00	-4.000	203.030	-2.00	2326+0.000	203.110	202.438	0.671	4.000	203.030	-2.00	4.331	202.534	-150.00
-4.440	201.695	-150.00	-4.000	202.356	-2.00	2327+0.000	202.436	201.811	0.625	4.000	202.356	-2.00	4.290	201.920	-150.00
-4.463	200.913	-150.00	-4.000	201.608	-2.00	2328+0.000	201.688	201.097	0.591	4.000	201.608	-2.00	4.212	201.290	-150.00
-4.411	200.172	-150.00	-4.000	200.788	-2.00	2329+0.000	200.868	200.387	0.481	4.000	200.788	-2.00	4.133	200.588	-150.00
-4.315	199.449	-150.00	-4.000	199.921	-2.00	2330+0.000	200.001	199.681	0.320	4.000	199.921	-2.00	4.015	199.898	-150.00
-4.287	198.622	-150.00	-4.000	199.052	-2.00	2331+0.000	199.132	198.903	0.229	4.000	199.052	-2.00	4.188	199.178	66.67
-4.230	197.839	-150.00	-4.000	198.184	-2.00	2332+0.000	198.264	198.132	0.132	4.000	198.184	-2.00	4.373	198.432	66.67
-4.351	196.789	-150.00	-4.000	197.315	-2.00	2333+0.000	197.395	197.087	0.308	4.000	197.315	-2.00	4.077	197.366	66.67
-4.426	195.624	-150.00	-4.000	196.262	-2.00	2334+0.000	196.342	195.946	0.396	4.000	196.262	-2.00	4.015	196.239	-150.00
-4.364	194.399	-150.00	-4.000	194.946	-2.00	2335+0.000	195.026	194.723	0.303	4.000	194.946	-2.00	4.119	195.025	66.67
-4.462	192.937	-150.00	-4.000	193.630	-2.00	2336+0.000	193.710	193.273	0.437	4.000	193.630	-2.00	4.036	193.576	-150.00
-4.388	191.460	-150.00	-4.000	192.042	-2.00	2337+0.000	192.122	191.751	0.371	4.000	192.042	-2.00			
-4.383	189.721	-150.00	-4.000	190.296	-2.00	2338+0.000	190.376	190.093	0.283	4.000	190.296	-2.00	4.295	190.492	66.67
-4.173	188.726	-150.00	-4.000	188.986	-2.00	2338+15.000	189.066	189.066	0.000	4.000	188.986	-2.00	4.732	189.474	66.67

Osvaldo Leôncio da Silv
Diretor da Unidade de Progr
Projetos e Obras - DUF
Secretaria das Cidades (S

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TRECHO 4: MUNICÍPIO DE FRANCISCO AYRES AO MUNICÍPIO DE AMARANTE - 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	0,340	0,000	0,000	0,000	0,000	0,000	0,000
1+0,00	0,000	2,760	3,360	27,580	3,360	27,580	-24,220
2+0,00	0,000	5,280	0,000	80,370	3,360	107,950	-104,590
3+0,00	0,000	3,740	0,000	90,220	3,360	198,170	-194,810
4+0,00	0,000	3,580	0,000	73,210	3,360	271,380	-268,020
5+0,00	0,000	3,410	0,000	69,870	3,360	341,240	-337,880
6+0,00	0,000	2,660	0,000	60,660	3,360	401,900	-398,540
7+0,00	0,000	2,220	0,000	48,810	3,360	450,710	-447,350
8+0,00	0,000	2,230	0,000	44,540	3,360	495,250	-491,890
9+0,00	0,000	3,370	0,000	55,990	3,360	551,240	-547,880
10+0,00	0,000	2,820	0,000	61,860	3,360	613,100	-609,740
11+0,00	0,000	1,580	0,000	44,030	3,360	657,120	-653,760
12+0,00	0,010	0,890	0,110	24,700	3,470	681,820	-678,350
13+0,00	0,010	1,020	0,170	19,160	3,640	700,980	-697,340
14+0,00	0,000	2,770	0,060	37,930	3,710	738,910	-735,200
15+0,00	0,000	2,980	0,000	57,490	3,710	796,410	-792,700
16+0,00	0,000	2,790	0,000	57,540	3,710	853,950	-850,240
17+0,00	0,000	2,690	0,000	54,710	3,710	908,660	-904,950
18+0,00	0,000	2,620	0,000	53,080	3,710	961,750	-958,040
19+0,00	0,000	2,980	0,000	56,080	3,710	1017,820	-1014,110
20+0,00	0,000	3,060	0,000	60,490	3,710	1078,310	-1074,600
21+0,00	0,000	3,100	0,000	61,540	3,710	1139,850	-1136,140
22+0,00	0,000	2,940	0,000	60,410	3,710	1200,260	-1196,550
23+0,00	0,000	3,260	0,000	62,050	3,710	1262,310	-1258,600
24+0,00	0,000	3,600	0,000	68,610	3,710	1330,920	-1327,210
25+0,00	0,000	3,490	0,000	70,900	3,710	1401,820	-1398,110
26+0,00	0,000	2,920	0,000	64,110	3,710	1465,930	-1462,220
27+0,00	0,000	3,000	0,000	59,230	3,710	1525,150	-1521,440
28+0,00	0,000	2,370	0,000	53,750	3,710	1578,900	-1575,190
29+0,00	0,000	2,140	0,000	45,060	3,710	1623,960	-1620,250
30+0,00	0,000	2,020	0,000	41,590	3,710	1665,550	-1661,840
31+0,00	0,000	3,930	0,000	59,550	3,710	1725,100	-1721,390
32+0,00	0,000	3,090	0,000	70,260	3,710	1795,360	-1791,650
33+0,00	0,000	2,940	0,000	60,290	3,710	1855,650	-1851,940
34+0,00	0,000	1,620	0,000	45,610	3,710	1901,260	-1897,550
35+0,00	0,020	1,090	0,200	27,120	3,910	1928,390	-1924,480
36+0,00	0,000	1,820	0,200	29,170	4,110	1957,550	-1953,440
37+0,00	0,000	2,560	0,000	43,840	4,110	2001,400	-1997,290
38+0,00	0,000	2,750	0,000	53,190	4,110	2054,590	-2050,480
39+0,00	0,000	2,730	0,000	54,860	4,110	2109,450	-2105,340
40+0,00	0,000	2,610	0,000	53,440	4,110	2162,890	-2158,780
41+0,00	0,000	2,780	0,000	53,910	4,110	2216,800	-2212,690
42+0,00	0,000	2,570	0,000	53,430	4,110	2270,240	-2266,130
43+0,00	0,000	3,190	0,000	57,540	4,110	2327,780	-2323,670
44+0,00	0,000	2,710	0,000	58,970	4,110	2386,750	-2382,640
45+0,00	0,000	2,940	0,000	56,460	4,110	2443,210	-2439,100
46+0,00	0,000	3,160	0,000	60,990	4,110	2504,200	-2500,090
47+0,00	0,000	3,060	0,000	62,220	4,110	2566,420	-2562,310
48+0,00	0,000	2,930	0,000	59,840	4,110	2626,260	-2622,150
49+0,00	0,000	3,060	0,000	59,900	4,110	2686,160	-2682,050
50+0,00	0,000	3,150	0,000	62,170	4,110	2748,330	-2744,220
51+0,00	0,000	3,010	0,000	61,670	4,110	2810,000	-2805,890
52+0,00	0,000	3,270	0,000	62,550	4,110	2872,550	-2868,440
53+0,00	0,000	3,120	0,000	63,960	4,110	2936,510	-2932,400
54+0,00	0,000	3,250	0,000	63,790	4,110	3000,300	-2996,190

Osvaldo Leôncio da Silva
Diretor da Unidade de Engenharia
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 Líquido (m3)
55+0,00	0,000	3,210	0,000	64,670	4,110	3064,970	-3060,860
56+0,00	0,000	2,960	0,000	61,510	4,110	3126,480	-3122,370
57+0,00	0,000	2,790	0,000	57,480	4,110	3183,960	-3179,850
58+0,00	0,000	2,940	0,000	57,240	4,110	3241,210	-3237,100
59+0,00	0,000	2,850	0,000	57,880	4,110	3299,080	-3294,970
60+0,00	0,000	2,890	0,000	57,520	4,110	3356,600	-3352,490
61+0,00	0,000	3,010	0,000	59,090	4,110	3415,690	-3411,580
62+0,00	0,000	3,020	0,000	60,300	4,110	3475,990	-3471,880
63+0,00	0,000	2,980	0,000	59,980	4,110	3535,970	-3531,860
64+0,00	0,000	2,530	0,000	55,110	4,110	3591,080	-3586,970
65+0,00	0,000	3,090	0,000	56,210	4,110	3647,290	-3643,180
66+0,00	0,000	2,360	0,000	54,500	4,110	3701,790	-3697,680
67+0,00	0,000	2,980	0,000	53,410	4,110	3755,200	-3751,090
68+0,00	0,000	3,480	0,000	64,660	4,110	3819,850	-3815,740
69+0,00	0,000	2,440	0,000	59,260	4,110	3879,110	-3875,000
70+0,00	0,000	3,260	0,000	57,070	4,110	3936,180	-3932,070
71+0,00	0,000	3,680	0,000	69,490	4,110	4005,670	-4001,560
72+0,00	0,000	4,170	0,000	78,540	4,110	4084,210	-4080,100
73+0,00	0,000	3,670	0,000	78,390	4,110	4162,590	-4158,480
74+0,00	0,000	3,200	0,000	68,740	4,110	4231,330	-4227,220
75+0,00	0,000	3,060	0,000	62,540	4,110	4293,870	-4289,760
76+0,00	0,000	3,050	0,000	61,040	4,110	4354,910	-4350,800
77+0,00	0,000	3,050	0,000	60,980	4,110	4415,890	-4411,780
78+0,00	0,000	2,150	0,000	51,960	4,110	4467,850	-4463,740
79+0,00	0,000	2,950	0,000	51,070	4,110	4518,920	-4514,810
80+0,00	0,000	3,260	0,000	62,100	4,110	4581,020	-4576,910
81+0,00	0,000	4,160	0,000	74,150	4,110	4655,170	-4651,060
82+0,00	0,000	3,390	0,000	75,550	4,110	4730,730	-4726,620
83+0,00	0,000	3,910	0,000	72,990	4,110	4803,720	-4799,610
84+0,00	0,000	2,190	0,000	60,950	4,110	4864,670	-4860,560
85+0,00	0,000	1,770	0,000	39,570	4,110	4904,230	-4900,120
86+0,00	0,000	3,290	0,000	50,570	4,110	4954,800	-4950,690
87+0,00	0,000	3,540	0,000	68,180	4,110	5022,980	-5018,870
88+0,00	0,000	3,140	0,000	66,730	4,110	5089,710	-5085,600
89+0,00	0,000	3,630	0,000	67,680	4,110	5157,390	-5153,280
90+0,00	0,000	3,200	0,000	68,340	4,110	5225,730	-5221,620
91+0,00	0,000	3,090	0,000	62,930	4,110	5288,670	-5284,560
92+0,00	0,000	3,030	0,000	61,150	4,110	5349,810	-5345,700
93+0,00	0,000	3,000	0,000	60,220	4,110	5410,030	-5405,920
94+0,00	0,000	2,610	0,000	56,100	4,110	5466,130	-5462,020
95+0,00	0,000	2,380	0,000	49,980	4,110	5516,110	-5512,000
96+0,00	0,000	2,160	0,000	45,450	4,110	5561,560	-5557,450
97+0,00	0,000	2,300	0,000	44,630	4,110	5606,180	-5602,070
98+0,00	0,000	2,310	0,000	46,120	4,110	5652,300	-5648,190
99+0,00	0,000	2,600	0,000	49,120	4,110	5701,420	-5697,310
100+0,00	0,000	3,750	0,000	63,490	4,110	5764,910	-5760,800
101+0,00	0,000	3,990	0,000	77,370	4,110	5842,280	-5838,170
102+0,00	0,000	2,960	0,000	69,470	4,110	5911,750	-5907,640
103+0,00	0,000	2,580	0,000	55,370	4,110	5967,120	-5963,010
104+0,00	0,000	1,550	0,050	41,280	4,160	6008,400	-6004,240
105+0,00	0,000	2,090	0,050	36,370	4,210	6044,770	-6040,560
106+0,00	0,000	3,310	0,000	54,030	4,210	6098,800	-6094,590
107+0,00	0,000	4,300	0,000	76,130	4,210	6174,930	-6170,720
108+0,00	0,000	5,270	0,000	95,690	4,210	6270,620	-6266,410
109+0,00	0,000	5,990	0,000	112,620	4,210	6383,240	-6379,030
110+0,00	0,000	5,120	0,000	111,330	4,210	6494,570	-6490,360
111+0,00	0,000	4,660	0,000	97,850	4,210	6592,420	-6588,210
112+0,00	0,000	3,980	0,000	86,450	4,210	6678,870	-6674,660
113+0,00	0,000	3,830	0,000	78,140	4,210	6757,010	-6752,800
114+0,00	0,000	2,040	0,000	58,930	4,210	6815,940	-6811,730
115+0,00	0,000	1,570	0,000	36,140	4,210	6852,080	-6847,870
116+0,00	0,000	1,930	0,000	35,020	4,210	6887,100	-6882,890
117+0,00	0,000	2,080	0,000	40,060	4,210	6927,160	-6922,950
118+0,00	0,000	2,630	0,000	47,110	4,210	6974,270	-6970,060

Osvaldo Leôncio da Silv
Diretor da Unidade de Progra
Projetos e Obras
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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)
119+0,00	0,000	2,270	0,000	48,990	4,210	7023,260	-7019,050
120+0,00	0,000	3,540	0,000	58,070	4,210	7081,340	-7077,130
121+0,00	0,000	3,010	0,000	65,480	4,210	7146,810	-7142,600
122+0,00	0,000	2,850	0,000	58,430	4,210	7205,240	-7201,030
123+0,00	0,000	2,480	0,000	53,240	4,210	7258,480	-7254,270
124+0,00	0,000	2,980	0,000	54,540	4,210	7313,020	-7308,810
125+0,00	0,000	3,430	0,000	64,130	4,210	7377,160	-7372,950
126+0,00	0,000	3,130	0,000	65,590	4,210	7442,750	-7438,540
127+0,00	0,000	2,550	0,000	56,810	4,210	7499,560	-7495,350
128+0,00	0,000	2,860	0,000	54,070	4,210	7553,630	-7549,420
129+0,00	0,000	2,810	0,000	56,660	4,210	7610,290	-7606,080
130+0,00	0,000	3,850	0,000	66,570	4,210	7676,850	-7672,640
131+0,00	0,000	3,660	0,000	75,060	4,210	7751,910	-7747,700
132+0,00	0,000	2,960	0,000	66,160	4,210	7818,070	-7813,860
133+0,00	0,000	2,860	0,000	58,250	4,210	7876,320	-7872,110
134+0,00	0,000	2,860	0,000	57,230	4,210	7933,550	-7929,340
135+0,00	0,000	2,880	0,000	57,450	4,210	7991,000	-7986,790
136+0,00	0,000	2,870	0,000	57,770	4,210	8048,770	-8044,560
137+0,00	0,000	4,420	0,000	72,980	4,210	8121,750	-8117,540
138+0,00	0,000	5,230	0,000	96,570	4,210	8218,320	-8214,110
139+0,00	0,000	5,300	0,000	105,300	4,210	8323,620	-8319,410
140+0,00	0,000	4,510	0,000	98,090	4,210	8421,720	-8417,510
141+0,00	0,000	3,530	0,000	80,470	4,210	8502,180	-8497,970
142+0,00	0,000	3,130	0,000	66,600	4,210	8568,780	-8564,570
143+0,00	0,000	3,040	0,000	61,630	4,210	8630,410	-8626,200
144+0,00	0,000	3,000	0,000	60,360	4,210	8690,770	-8686,560
145+0,00	0,000	2,770	0,000	57,640	4,210	8748,410	-8744,200
146+0,00	0,000	2,810	0,000	55,830	4,210	8804,230	-8800,020
147+0,00	0,000	2,170	0,000	49,810	4,210	8854,040	-8849,830
148+0,00	0,000	2,370	0,000	45,380	4,210	8899,420	-8895,210
149+0,00	0,000	2,600	0,000	49,750	4,210	8949,170	-8944,960
150+0,00	0,000	1,620	0,000	42,180	4,210	8991,350	-8987,140
151+0,00	0,000	1,680	0,000	32,980	4,210	9024,340	-9020,130
152+0,00	0,000	1,590	0,000	32,630	4,210	9056,970	-9052,760
153+0,00	0,000	2,970	0,000	45,410	4,210	9102,380	-9098,170
154+0,00	0,000	2,910	0,000	58,780	4,210	9161,160	-9156,950
155+0,00	0,000	2,710	0,000	56,230	4,210	9217,390	-9213,180
156+0,00	0,000	2,860	0,000	55,720	4,210	9273,110	-9268,900
157+0,00	0,000	2,880	0,000	57,410	4,210	9330,520	-9326,310
158+0,00	0,000	2,850	0,000	57,310	4,210	9387,830	-9383,620
159+0,00	0,000	2,920	0,000	57,700	4,210	9445,530	-9441,320
160+0,00	0,000	2,910	0,000	58,280	4,210	9503,810	-9499,600
161+0,00	0,000	2,780	0,000	56,840	4,210	9560,650	-9556,440
162+0,00	0,000	3,000	0,000	57,780	4,210	9618,420	-9614,210
163+0,00	0,000	3,060	0,000	60,660	4,210	9679,080	-9674,870
164+0,00	0,000	2,960	0,000	60,220	4,210	9739,300	-9735,090
165+0,00	0,000	2,590	0,000	55,490	4,210	9794,790	-9790,580
166+0,00	0,000	2,680	0,000	52,720	4,210	9847,510	-9843,300
167+0,00	0,000	2,740	0,000	54,200	4,210	9901,710	-9897,500
168+0,00	0,000	3,580	0,000	63,140	4,210	9964,850	-9960,640
169+0,00	0,000	2,590	0,000	61,650	4,210	10026,500	-10022,290
170+0,00	0,000	2,170	0,000	47,600	4,210	10074,090	-10069,880
171+0,00	0,000	2,420	0,000	45,960	4,210	10120,050	-10115,840
172+0,00	0,000	3,080	0,000	55,010	4,210	10175,060	-10170,850
173+0,00	0,000	2,880	0,000	59,600	4,210	10234,660	-10230,450
174+0,00	0,000	2,850	0,000	57,360	4,210	10292,030	-10287,820
175+0,00	0,000	2,720	0,000	55,760	4,210	10347,790	-10343,580
176+0,00	0,000	2,310	0,000	50,330	4,210	10398,120	-10393,910
177+0,00	0,000	1,730	0,000	40,370	4,210	10438,490	-10434,280
178+0,00	0,000	2,890	0,000	46,180	4,210	10484,670	-10480,460
179+0,00	0,000	3,480	0,000	63,680	4,210	10548,350	-10544,140
180+0,00	0,000	3,350	0,000	68,280	4,210	10616,630	-10612,420
181+0,00	0,000	3,490	0,000	68,430	4,210	10685,050	-10680,840
182+0,00	0,000	2,180	0,000	56,760	4,210	10741,810	-10737,600

Osvaldo Leôncio da Silva
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
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)
183+0,00	0,000	2,630	0,000	48,100	4,210	10789,920	-10785,710
184+0,00	0,000	2,440	0,000	50,680	4,210	10840,590	-10836,380
185+0,00	0,000	3,930	0,000	63,710	4,210	10904,300	-10900,090
186+0,00	0,000	4,650	0,000	85,750	4,210	10990,050	-10985,840
187+0,00	0,000	3,550	0,000	81,980	4,210	11072,030	-11067,820
188+0,00	0,000	3,210	0,000	67,640	4,210	11139,670	-11135,460
189+0,00	0,000	2,710	0,000	59,160	4,210	11198,830	-11194,620
190+0,00	0,020	1,450	0,220	41,650	4,430	11240,480	-11236,050
191+0,00	0,000	1,980	0,220	34,370	4,650	11274,850	-11270,200
192+0,00	0,000	2,780	0,000	47,590	4,650	11322,440	-11317,790
193+0,00	0,000	3,560	0,000	63,320	4,650	11385,760	-11381,110
194+0,00	0,000	1,740	0,000	52,990	4,650	11438,750	-11434,100
195+0,00	0,000	2,230	0,000	39,530	4,650	11478,290	-11473,640
196+0,00	0,000	2,160	0,000	44,000	4,650	11522,290	-11517,640
197+0,00	0,000	2,880	0,000	50,460	4,650	11572,750	-11568,100
198+0,00	0,000	3,390	0,000	62,800	4,650	11635,550	-11630,900
199+0,00	0,000	2,790	0,000	61,960	4,650	11697,510	-11692,860
200+0,00	0,000	2,340	0,000	51,240	4,650	11748,750	-11744,100
201+0,00	0,000	2,850	0,000	51,820	4,650	11800,570	-11795,920
202+0,00	0,000	3,030	0,000	58,860	4,650	11859,430	-11854,780
203+0,00	0,000	2,970	0,000	60,010	4,650	11919,440	-11914,790
204+0,00	0,000	3,030	0,000	60,030	4,650	11979,470	-11974,820
205+0,00	0,000	3,070	0,000	60,970	4,650	12040,440	-12035,790
206+0,00	0,000	2,850	0,000	59,140	4,650	12099,570	-12094,920
207+0,00	0,000	0,910	0,040	37,590	4,690	12137,160	-12132,470
208+0,00	0,000	2,110	0,040	30,210	4,720	12167,370	-12162,650
209+0,00	0,000	2,730	0,000	48,390	4,720	12215,770	-12211,050
210+0,00	0,000	3,370	0,000	61,110	4,720	12276,870	-12272,150
211+0,00	0,000	3,160	0,000	65,290	4,720	12342,160	-12337,440
212+0,00	0,000	2,850	0,000	60,090	4,720	12402,250	-12397,530
213+0,00	0,000	2,900	0,000	57,570	4,720	12459,820	-12455,100
214+0,00	0,000	2,930	0,000	58,320	4,720	12518,140	-12513,420
215+0,00	0,000	2,910	0,000	58,500	4,720	12576,640	-12571,920
216+0,00	0,000	3,050	0,000	59,550	4,720	12636,190	-12631,470
217+0,00	0,000	3,160	0,000	62,100	4,720	12698,290	-12693,570
218+0,00	0,000	3,000	0,000	61,580	4,720	12759,860	-12755,140
219+0,00	0,000	3,060	0,000	60,580	4,720	12820,440	-12815,720
220+0,00	0,000	3,070	0,000	61,360	4,720	12881,810	-12877,090
221+0,00	0,000	2,930	0,000	60,000	4,720	12941,810	-12937,090
222+0,00	0,000	2,900	0,000	58,300	4,720	13000,110	-12995,390
223+0,00	0,000	2,940	0,000	58,380	4,720	13058,490	-13053,770
224+0,00	0,000	3,040	0,000	59,750	4,720	13118,240	-13113,520
225+0,00	0,000	3,450	0,000	64,840	4,720	13183,070	-13178,350
226+0,00	0,000	3,770	0,000	72,160	4,720	13255,230	-13250,510
227+0,00	0,000	2,920	0,000	66,870	4,720	13322,100	-13317,380
228+0,00	0,000	2,760	0,000	56,750	4,720	13378,850	-13374,130
229+0,00	0,000	2,920	0,000	56,850	4,720	13435,700	-13430,980
230+0,00	0,000	2,250	0,000	51,770	4,720	13487,470	-13482,750
231+0,00	0,000	2,190	0,000	44,470	4,720	13531,930	-13527,210
232+0,00	0,000	1,730	0,000	39,240	4,720	13571,170	-13566,450
233+0,00	0,000	1,990	0,000	37,220	4,720	13608,380	-13603,660
234+0,00	0,000	2,090	0,000	40,820	4,720	13649,200	-13644,480
235+0,00	0,000	2,610	0,000	46,980	4,720	13696,180	-13691,460
236+0,00	0,000	3,120	0,000	57,320	4,720	13753,500	-13748,780
237+0,00	0,000	2,990	0,000	61,170	4,720	13814,670	-13809,950
238+0,00	0,000	3,660	0,000	66,590	4,720	13881,260	-13876,540
239+0,00	0,000	2,950	0,000	66,400	4,720	13947,650	-13942,930
240+0,00	0,000	2,950	0,000	59,080	4,720	14006,730	-14002,010
241+0,00	0,000	2,910	0,000	58,620	4,720	14065,350	-14060,630
242+0,00	0,000	3,360	0,000	62,900	4,720	14128,250	-14123,530
243+0,00	0,000	4,620	0,000	79,830	4,720	14208,080	-14203,360
244+0,00	0,000	3,530	0,000	81,540	4,720	14289,620	-14284,900
245+0,00	0,000	2,760	0,000	62,990	4,720	14352,620	-14347,900
246+0,00	0,000	3,530	0,000	62,920	4,720	14415,530	-14410,810

Osvaldo Leonardo da Silv
Diretor da Unidade de Proj
Projetos e Obras - DUPP
Secretaria das Cidades (S

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	2,810	0,000	63,420	4,720	14478,950	-14474,230
248+0,00	0,000	2,980	0,000	57,890	4,720	14536,840	-14532,120
249+0,00	0,000	2,640	0,000	56,240	4,720	14593,080	-14588,360
250+0,00	0,000	2,610	0,000	52,530	4,720	14645,610	-14640,890
251+0,00	0,000	2,990	0,000	55,970	4,720	14701,580	-14696,860
252+0,00	0,000	2,510	0,000	54,990	4,720	14756,570	-14751,850
253+0,00	0,000	3,110	0,000	56,250	4,720	14812,820	-14808,100
254+0,00	0,000	3,440	0,000	65,500	4,720	14878,320	-14873,600
255+0,00	0,000	3,560	0,000	69,950	4,720	14948,270	-14943,550
256+0,00	0,000	4,140	0,000	76,960	4,720	15025,220	-15020,500
257+0,00	0,000	3,100	0,000	72,390	4,720	15097,610	-15092,890
258+0,00	0,000	3,620	0,000	67,200	4,720	15164,810	-15160,090
259+0,00	0,000	3,240	0,000	68,570	4,720	15233,390	-15228,670
260+0,00	0,000	3,100	0,000	63,330	4,720	15296,720	-15292,000
261+0,00	0,000	2,920	0,000	60,120	4,720	15356,840	-15352,120
262+0,00	0,000	2,820	0,000	57,400	4,720	15414,240	-15409,520
263+0,00	0,000	3,590	0,000	64,150	4,720	15478,390	-15473,670
264+0,00	0,000	2,720	0,000	63,130	4,720	15541,520	-15536,800
265+0,00	0,000	2,910	0,000	56,330	4,720	15597,850	-15593,130
266+0,00	0,000	2,940	0,000	58,440	4,720	15656,290	-15651,570
267+0,00	0,000	2,920	0,000	58,530	4,720	15714,820	-15710,100
268+0,00	0,000	2,560	0,000	54,760	4,720	15769,590	-15764,870
269+0,00	0,000	2,620	0,000	51,790	4,720	15821,380	-15816,660
270+0,00	0,000	2,810	0,000	54,300	4,720	15875,680	-15870,960
271+0,00	0,000	2,440	0,000	52,470	4,720	15928,150	-15923,430
272+0,00	0,000	3,030	0,000	54,730	4,720	15982,880	-15978,160
273+0,00	0,000	3,070	0,000	61,070	4,720	16043,950	-16039,230
274+0,00	0,000	3,290	0,000	63,790	4,720	16107,740	-16103,020
275+0,00	0,000	3,040	0,000	63,310	4,720	16171,050	-16166,330
276+0,00	0,000	3,060	0,000	61,020	4,720	16232,080	-16227,360
277+0,00	0,000	2,870	0,000	59,360	4,720	16291,430	-16286,710
278+0,00	0,000	2,580	0,000	54,400	4,720	16345,840	-16341,120
279+0,00	0,000	2,750	0,000	53,220	4,720	16399,060	-16394,340
280+0,00	0,000	2,970	0,000	57,170	4,720	16456,230	-16451,510
281+0,00	0,000	2,950	0,000	59,250	4,720	16515,480	-16510,760
282+0,00	0,000	2,910	0,000	58,590	4,720	16574,070	-16569,350
283+0,00	0,000	2,640	0,000	55,370	4,720	16629,440	-16624,720
284+0,00	0,000	2,350	0,000	49,940	4,720	16679,380	-16674,660
285+0,00	0,000	2,830	0,000	51,690	4,720	16731,070	-16726,350
286+0,00	0,000	3,040	0,000	58,740	4,720	16789,810	-16785,090
287+0,00	0,000	3,010	0,000	60,530	4,720	16850,340	-16845,620
288+0,00	0,000	2,680	0,000	56,870	4,720	16907,210	-16902,490
289+0,00	0,000	1,580	0,000	42,550	4,720	16949,750	-16945,030
290+0,00	0,000	2,140	0,000	37,140	4,720	16986,900	-16982,180
291+0,00	0,000	3,560	0,000	56,910	4,720	17043,800	-17039,080
292+0,00	0,000	3,840	0,000	73,980	4,720	17117,780	-17113,060
293+0,00	0,000	3,260	0,000	71,010	4,720	17188,790	-17184,070
294+0,00	0,000	2,900	0,000	61,620	4,720	17250,410	-17245,690
295+0,00	0,000	2,050	0,000	49,530	4,720	17299,940	-17295,220
296+0,00	0,000	3,170	0,000	52,500	4,720	17352,440	-17347,720
297+0,00	0,000	3,510	0,000	66,870	4,720	17419,310	-17414,590
298+0,00	0,000	3,190	0,000	67,020	4,720	17486,330	-17481,610
299+0,00	0,000	2,070	0,000	52,670	4,720	17539,000	-17534,280
300+0,00	0,000	1,970	0,000	40,410	4,720	17579,410	-17574,690
301+0,00	0,000	3,780	0,000	57,430	4,720	17636,840	-17632,120
302+0,00	0,000	2,710	0,000	64,900	4,720	17701,740	-17697,020
303+0,00	0,000	2,760	0,000	54,700	4,720	17756,440	-17751,720
304+0,00	0,000	2,760	0,000	55,120	4,720	17811,560	-17806,840
305+0,00	0,000	2,970	0,000	57,350	4,720	17868,920	-17864,200
306+0,00	0,000	3,070	0,000	60,430	4,720	17929,340	-17924,620
307+0,00	0,000	2,960	0,000	60,270	4,720	17989,620	-17984,900
308+0,00	0,000	3,590	0,000	65,440	4,720	18055,060	-18050,340
309+0,00	0,000	4,970	0,000	85,560	4,720	18140,620	-18135,900
310+0,00	0,000	3,440	0,000	84,090	4,720	18224,710	-18219,990

Osvaldo Leôncio da Si... Filho
Diretor da Unidade de Pro...as
Projetos e Obras - DUPRO
Secretaria das Cidades (P...

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	2,790	0,000	62,260	4,720	18286,980	-18282,260
312+0,00	0,000	2,970	0,000	57,580	4,720	18344,560	-18339,840
313+0,00	0,000	2,500	0,000	54,690	4,720	18399,250	-18394,530
314+0,00	0,000	0,930	0,000	34,230	4,720	18433,470	-18428,750
315+0,00	0,000	2,280	0,000	32,080	4,720	18465,550	-18460,830
316+0,00	0,000	2,280	0,000	45,580	4,720	18511,140	-18506,420
317+0,00	0,000	3,360	0,000	56,330	4,720	18567,460	-18562,740
318+0,00	0,000	3,780	0,000	71,340	4,720	18638,800	-18634,080
319+0,00	0,000	3,190	0,000	69,720	4,720	18708,520	-18703,800
320+0,00	0,000	2,180	0,000	53,770	4,720	18762,290	-18757,570
321+0,00	0,000	1,960	0,000	41,400	4,720	18803,690	-18798,970
322+0,00	0,000	2,980	0,000	49,400	4,720	18853,090	-18848,370
323+0,00	0,000	3,000	0,000	59,800	4,720	18912,880	-18908,160
324+0,00	0,000	3,120	0,000	61,180	4,720	18974,060	-18969,340
325+0,00	0,000	3,090	0,000	61,980	4,720	19036,040	-19031,320
326+0,00	0,000	3,090	0,000	61,700	4,720	19097,750	-19093,030
327+0,00	0,000	2,890	0,000	59,770	4,720	19157,510	-19152,790
328+0,00	0,000	3,670	0,000	65,640	4,720	19223,160	-19218,440
329+0,00	0,000	2,770	0,000	64,460	4,720	19287,620	-19282,900
330+0,00	0,000	2,800	0,000	55,750	4,720	19343,370	-19338,650
331+0,00	0,000	2,160	0,000	49,550	4,720	19392,920	-19388,200
332+0,00	0,000	2,330	0,000	44,860	4,720	19437,780	-19433,060
333+0,00	0,000	2,970	0,000	53,010	4,720	19490,800	-19486,080
334+0,00	0,000	2,970	0,000	59,410	4,720	19550,200	-19545,480
335+0,00	0,000	2,740	0,000	57,160	4,720	19607,360	-19602,640
336+0,00	0,000	2,930	0,000	56,690	4,720	19664,050	-19659,330
337+0,00	0,000	3,290	0,000	62,440	4,720	19726,490	-19721,770
338+0,00	0,000	3,500	0,000	67,890	4,720	19794,380	-19789,660
339+0,00	0,000	2,960	0,000	64,500	4,720	19858,880	-19854,160
340+0,00	0,000	2,990	0,000	59,540	4,720	19918,420	-19913,700
341+0,00	0,000	3,000	0,000	59,910	4,720	19978,340	-19973,620
342+0,00	0,000	3,060	0,000	60,550	4,720	20038,890	-20034,170
343+0,00	0,000	3,080	0,000	61,380	4,720	20100,270	-20095,550
344+0,00	0,000	2,640	0,000	57,300	4,720	20157,570	-20152,850
345+0,00	0,000	2,090	0,040	47,340	4,760	20204,910	-20200,150
346+0,00	0,000	2,850	0,040	49,440	4,800	20254,350	-20249,550
347+0,00	0,000	3,700	0,000	65,460	4,800	20319,810	-20315,010
348+0,00	0,000	3,410	0,000	71,060	4,800	20390,860	-20386,060
349+0,00	0,000	3,110	0,000	65,210	4,800	20456,080	-20451,280
350+0,00	0,000	2,960	0,000	60,090	4,800	20516,170	-20511,370
351+0,00	0,000	2,680	0,000	55,840	4,800	20572,010	-20567,210
352+0,00	0,000	2,910	0,000	55,860	4,800	20627,870	-20623,070
353+0,00	0,000	2,950	0,000	58,590	4,800	20686,460	-20681,660
354+0,00	0,000	2,570	0,000	55,020	4,800	20741,480	-20736,680
355+0,00	0,000	2,840	0,000	53,970	4,800	20795,450	-20790,650
356+0,00	0,000	3,000	0,000	58,460	4,800	20853,910	-20849,110
357+0,00	0,000	3,060	0,000	60,800	4,800	20914,710	-20909,910
358+0,00	0,000	2,910	0,000	59,770	4,800	20974,470	-20969,670
359+0,00	0,000	2,890	0,000	58,170	4,800	21032,640	-21027,840
360+0,00	0,000	3,030	0,000	59,050	4,800	21091,690	-21086,890
361+0,00	0,000	2,790	0,000	58,150	4,800	21149,850	-21145,050
362+0,00	0,000	2,910	0,000	57,000	4,800	21206,850	-21202,050
363+0,00	0,000	3,010	0,000	59,120	4,800	21265,960	-21261,160
364+0,00	0,000	2,880	0,000	58,850	4,800	21324,810	-21320,010
365+0,00	0,000	2,920	0,000	57,980	4,800	21382,790	-21377,990
366+0,00	0,000	2,150	0,000	50,790	4,800	21433,580	-21428,780
367+0,00	0,000	3,190	0,000	53,380	4,800	21486,960	-21482,160
368+0,00	0,000	2,430	0,000	56,150	4,800	21543,110	-21538,310
369+0,00	0,000	3,010	0,000	54,490	4,800	21597,600	-21592,800
370+0,00	0,000	2,930	0,000	59,450	4,800	21657,050	-21652,250
371+0,00	0,000	3,150	0,000	60,870	4,800	21717,920	-21713,120
372+0,00	0,000	2,930	0,000	60,860	4,800	21778,780	-21773,980
373+0,00	0,000	3,060	0,000	59,660	4,800	21838,440	-21833,640
374+0,00	0,000	2,960	0,000	60,370	4,800	21898,810	-21894,010

Osvaldo Leôncio da Silva
Diretor da Unidade de Programação
Projetos e Obras Públicas
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	0,000	2,760	0,000	57,260	4,800	21956,070	-21951,270
376+0,00	0,000	3,150	0,000	59,330	4,800	22015,400	-22010,600
377+0,00	0,000	2,970	0,000	61,160	4,800	22076,550	-22071,750
378+0,00	0,000	3,490	0,000	64,620	4,800	22141,180	-22136,380
379+0,00	0,000	2,930	0,000	64,260	4,800	22205,440	-22200,640
380+0,00	0,000	2,740	0,000	56,750	4,800	22262,190	-22257,390
381+0,00	0,000	2,710	0,000	54,540	4,800	22316,730	-22311,930
382+0,00	0,000	2,960	0,000	56,750	4,800	22373,480	-22368,680
383+0,00	0,000	2,960	0,000	59,230	4,800	22432,710	-22427,910
384+0,00	0,000	3,210	0,000	61,690	4,800	22494,400	-22489,600
385+0,00	0,000	3,250	0,000	64,590	4,800	22558,990	-22554,190
386+0,00	0,000	2,920	0,000	61,910	4,800	22620,910	-22616,110
387+0,00	0,000	2,940	0,000	58,600	4,800	22679,500	-22674,700
388+0,00	0,000	3,180	0,000	61,200	4,800	22740,700	-22735,900
389+0,00	0,000	2,400	0,000	55,870	4,800	22796,570	-22791,770
390+0,00	0,000	2,890	0,000	52,880	4,800	22849,450	-22844,650
391+0,00	0,000	2,740	0,000	56,470	4,800	22905,910	-22901,110
392+0,00	0,000	1,990	0,000	47,280	4,800	22953,190	-22948,390
393+0,00	0,000	3,520	0,000	55,080	4,800	23008,270	-23003,470
394+0,00	0,000	3,020	0,000	65,430	4,800	23073,700	-23068,900
395+0,00	0,000	4,090	0,000	71,110	4,800	23144,810	-23140,010
396+0,00	0,000	4,540	0,000	86,240	4,800	23231,050	-23226,250
397+0,00	0,000	3,910	0,000	84,490	4,800	23315,540	-23310,740
398+0,00	0,000	3,490	0,000	73,990	4,800	23389,530	-23384,730
399+0,00	0,000	3,010	0,000	65,100	4,800	23454,630	-23449,830
400+0,00	0,000	3,300	0,000	63,120	4,800	23517,740	-23512,940
401+0,00	0,000	5,520	0,000	88,240	4,800	23605,980	-23601,180
402+0,00	0,000	4,710	0,000	102,320	4,800	23708,310	-23703,510
403+0,00	0,000	4,350	0,000	90,670	4,800	23798,970	-23794,170
404+0,00	0,000	4,330	0,000	86,800	4,800	23885,770	-23880,970
405+0,00	0,000	3,240	0,000	75,490	4,800	23961,260	-23956,460
406+0,00	0,000	2,870	0,000	61,070	4,800	24022,320	-24017,520
407+0,00	0,000	2,170	0,000	50,430	4,800	24072,750	-24067,950
408+0,00	0,130	0,910	1,340	30,850	6,140	24103,610	-24097,470
409+0,00	0,010	1,620	1,390	25,360	7,530	24128,970	-24121,440
410+0,00	0,000	1,990	0,070	36,100	7,600	24165,060	-24157,460
411+0,00	0,000	2,980	0,000	49,760	7,600	24214,820	-24207,220
412+0,00	0,000	4,400	0,000	73,870	7,600	24288,690	-24281,090
413+0,00	0,000	4,270	0,000	86,750	7,600	24375,440	-24367,840
414+0,00	0,000	4,030	0,000	83,040	7,600	24458,480	-24450,880
415+0,00	0,000	3,460	0,000	74,900	7,600	24533,380	-24525,780
416+0,00	0,000	2,990	0,000	64,510	7,600	24597,900	-24590,300
417+0,00	0,000	3,000	0,000	59,960	7,600	24657,860	-24650,260
418+0,00	0,000	2,200	0,000	52,030	7,600	24709,890	-24702,290
419+0,00	0,000	1,430	0,000	36,280	7,600	24746,170	-24738,570
420+0,00	0,000	1,690	0,000	31,170	7,600	24777,340	-24769,740
421+0,00	0,000	2,270	0,000	39,560	7,600	24816,890	-24809,290
422+0,00	0,000	2,840	0,000	51,090	7,600	24867,990	-24860,390
423+0,00	0,000	2,860	0,000	57,000	7,600	24924,980	-24917,380
424+0,00	0,000	2,830	0,000	56,870	7,600	24981,850	-24974,250
425+0,00	0,000	2,860	0,000	56,830	7,600	25038,680	-25031,080
426+0,00	0,000	2,840	0,000	56,930	7,600	25095,620	-25088,020
427+0,00	0,000	2,900	0,000	57,390	7,600	25153,010	-25145,410
428+0,00	0,000	2,840	0,000	57,460	7,600	25210,470	-25202,870
429+0,00	0,000	2,740	0,000	55,830	7,600	25266,290	-25258,690
430+0,00	0,000	2,900	0,000	56,490	7,600	25322,780	-25315,180
431+0,00	0,000	2,940	0,000	58,470	7,600	25381,250	-25373,650
432+0,00	0,000	2,820	0,000	57,590	7,600	25438,840	-25431,240
433+0,00	0,000	2,930	0,000	57,510	7,600	25496,350	-25488,750
434+0,00	0,000	2,850	0,000	57,870	7,600	25554,220	-25546,620
435+0,00	0,000	2,710	0,000	55,660	7,600	25609,880	-25602,280
436+0,00	0,000	2,550	0,000	52,590	7,600	25662,470	-25654,870
437+0,00	0,000	3,090	0,000	56,090	7,600	25718,560	-25710,960
438+0,00	0,000	2,100	0,000	51,850	7,600	25770,410	-25762,810

Osvaldo Leôncio da Silva
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Social)

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	1,320	0,000	33,840	7,600	25804,250	-25796,650
440+0,00	0,000	2,390	0,000	37,150	7,600	25841,400	-25833,800
441+0,00	0,000	2,920	0,000	52,980	7,600	25894,380	-25886,780
442+0,00	0,000	3,030	0,000	59,550	7,600	25953,920	-25946,320
443+0,00	0,000	3,140	0,000	61,750	7,600	26015,670	-26008,070
444+0,00	0,000	2,270	0,000	54,140	7,600	26069,810	-26062,210
445+0,00	0,000	2,380	0,000	46,500	7,600	26116,310	-26108,710
446+0,00	0,000	1,640	0,000	40,150	7,600	26156,470	-26148,870
447+0,00	0,000	2,570	0,000	42,100	7,600	26198,570	-26190,970
448+0,00	0,000	2,430	0,000	49,990	7,600	26248,560	-26240,960
449+0,00	0,000	3,950	0,000	63,790	7,600	26312,350	-26304,750
450+0,00	0,000	5,380	0,000	93,340	7,600	26405,700	-26398,100
451+0,00	0,000	5,790	0,000	111,740	7,600	26517,440	-26509,840
452+0,00	0,000	4,350	0,000	101,390	7,600	26618,830	-26611,230
453+0,00	0,000	3,460	0,000	78,170	7,600	26696,990	-26689,390
454+0,00	0,020	3,000	0,220	64,590	7,820	26761,580	-26753,760
455+0,00	0,000	4,850	0,220	78,450	8,040	26840,030	-26831,990
456+0,00	0,000	3,220	0,000	80,640	8,040	26920,660	-26912,620
457+0,00	0,000	2,940	0,000	61,590	8,040	26982,260	-26974,220
458+0,00	0,000	3,390	0,000	63,300	8,040	27045,560	-27037,520
459+0,00	0,000	3,010	0,000	64,000	8,040	27109,560	-27101,520
460+0,00	0,000	2,850	0,000	58,570	8,040	27168,120	-27160,080
461+0,00	0,000	3,200	0,000	60,410	8,040	27228,530	-27220,490
462+0,00	0,000	3,220	0,000	64,120	8,040	27292,650	-27284,610
463+0,00	0,000	2,990	0,000	62,080	8,040	27354,730	-27346,690
464+0,00	0,000	2,810	0,000	57,980	8,040	27412,710	-27404,670
465+0,00	0,000	3,030	0,000	58,440	8,040	27471,150	-27463,110
466+0,00	0,000	3,250	0,000	62,810	8,040	27533,970	-27525,930
467+0,00	0,000	3,400	0,000	66,490	8,040	27600,460	-27592,420
468+0,00	0,000	2,030	0,000	54,290	8,040	27654,750	-27646,710
469+0,00	0,000	1,650	0,000	36,800	8,040	27691,550	-27683,510
470+0,00	0,000	1,800	0,000	34,520	8,040	27726,070	-27718,030
471+0,00	0,000	2,780	0,000	45,760	8,040	27771,830	-27763,790
472+0,00	0,000	4,130	0,000	69,090	8,040	27840,920	-27832,880
473+0,00	0,000	3,920	0,000	80,500	8,040	27921,420	-27913,380
474+0,00	0,000	3,200	0,000	71,210	8,040	27992,630	-27984,590
475+0,00	0,000	2,820	0,000	60,240	8,040	28052,870	-28044,830
476+0,00	0,000	2,770	0,000	55,950	8,040	28108,820	-28100,780
477+0,00	0,000	2,970	0,000	57,420	8,040	28166,240	-28158,200
478+0,00	0,000	3,290	0,000	62,560	8,040	28228,800	-28220,760
479+0,00	0,000	3,050	0,000	63,330	8,040	28292,120	-28284,080
480+0,00	0,000	3,390	0,000	64,340	8,040	28356,460	-28348,420
481+0,00	0,000	3,100	0,000	64,840	8,040	28421,300	-28413,260
482+0,00	0,000	3,000	0,000	60,990	8,040	28482,290	-28474,250
483+0,00	0,000	2,990	0,000	59,920	8,040	28542,210	-28534,170
484+0,00	0,000	2,950	0,000	59,350	8,040	28601,560	-28593,520
485+0,00	0,000	3,120	0,000	60,700	8,040	28662,260	-28654,220
486+0,00	0,000	2,760	0,000	58,710	8,040	28720,980	-28712,940
487+0,00	0,000	2,630	0,000	53,970	8,040	28774,950	-28766,910
488+0,00	0,000	2,720	0,000	53,720	8,040	28828,670	-28820,630
489+0,00	0,000	2,620	0,000	53,420	8,040	28882,100	-28874,060
490+0,00	0,000	2,910	0,000	55,400	8,040	28937,500	-28929,460
491+0,00	0,000	3,010	0,000	59,160	8,040	28996,650	-28988,610
492+0,00	0,000	2,810	0,000	58,160	8,040	29054,810	-29046,770
493+0,00	0,000	3,060	0,000	58,670	8,040	29113,480	-29105,440
494+0,00	0,000	3,010	0,000	60,740	8,040	29174,220	-29166,180
495+0,00	0,000	2,860	0,000	58,740	8,040	29232,960	-29224,920
496+0,00	0,000	3,090	0,000	59,460	8,040	29292,420	-29284,380
497+0,00	0,000	3,430	0,000	65,130	8,040	29357,550	-29349,510
498+0,00	0,000	3,470	0,000	68,940	8,040	29426,490	-29418,450
499+0,00	0,000	3,460	0,000	69,310	8,040	29495,800	-29487,760
500+0,00	0,000	3,710	0,000	71,650	8,040	29567,450	-29559,410
501+0,00	0,000	3,670	0,000	73,780	8,040	29641,230	-29633,190
502+0,00	0,000	2,840	0,000	65,150	8,040	29706,380	-29698,340

Osvaldo Leôncio da Silva
Diretor da Unidade de Projetos
Projetos e Obras
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)
503+0,00	0,000	3,430	0,000	62,740	8,040	29769,120	-29761,080
504+0,00	0,000	4,260	0,000	76,880	8,040	29846,000	-29837,960
505+0,00	0,000	2,800	0,000	70,560	8,040	29916,560	-29908,520
506+0,00	0,000	3,490	0,000	62,860	8,040	29979,410	-29971,370
507+0,00	0,000	2,960	0,000	64,430	8,040	30043,840	-30035,800
508+0,00	0,000	3,130	0,000	60,820	8,040	30104,670	-30096,630
509+0,00	0,000	3,130	0,000	62,530	8,040	30167,200	-30159,160
510+0,00	0,000	2,100	0,000	51,750	8,040	30218,950	-30210,910
511+0,00	0,030	1,500	0,260	36,010	8,300	30254,960	-30246,660
512+0,00	0,000	3,070	0,280	44,870	8,580	30299,830	-30291,250
513+0,00	0,260	1,420	2,630	44,890	11,210	30344,720	-30333,510
514+0,00	0,420	1,340	6,990	27,240	18,200	30371,960	-30353,760
515+0,00	0,010	3,510	4,300	48,580	22,500	30420,540	-30398,040
516+0,00	0,300	1,960	3,120	54,710	25,620	30475,250	-30449,630
517+0,00	0,000	3,980	3,030	59,320	28,650	30534,570	-30505,920
518+0,00	0,000	4,300	0,000	82,560	28,650	30617,130	-30588,480
519+0,00	0,000	2,020	0,000	63,220	28,650	30680,350	-30651,700
520+0,00	0,000	1,430	0,000	34,470	28,650	30714,820	-30686,170
521+0,00	0,000	2,400	0,000	38,350	28,650	30753,160	-30724,510
522+0,00	0,000	2,950	0,000	53,450	28,650	30806,620	-30777,970
523+0,00	0,000	2,870	0,000	58,150	28,650	30864,770	-30836,120
524+0,00	0,000	2,820	0,000	56,840	28,650	30921,610	-30892,960
525+0,00	0,000	2,840	0,000	56,620	28,650	30978,230	-30949,580
526+0,00	0,000	2,630	0,000	54,650	28,650	31032,880	-31004,230
527+0,00	0,000	2,280	0,000	49,090	28,650	31081,970	-31053,320
528+0,00	0,030	1,670	0,260	39,490	28,910	31121,460	-31092,550
529+0,00	0,020	1,930	0,450	35,940	29,360	31157,400	-31128,040
530+0,00	0,000	2,430	0,190	43,580	29,540	31200,980	-31171,440
531+0,00	0,000	2,810	0,000	52,400	29,540	31253,380	-31223,840
532+0,00	0,000	2,790	0,030	55,980	29,570	31309,370	-31279,800
533+0,00	0,000	2,870	0,030	56,580	29,600	31365,950	-31336,350
534+0,00	0,000	3,210	0,000	60,780	29,600	31426,730	-31397,130
535+0,00	0,090	1,950	0,900	51,620	30,510	31478,350	-31447,840
536+0,00	0,010	3,220	0,960	51,770	31,470	31530,130	-31498,660
537+0,00	0,040	3,300	0,460	65,270	31,930	31595,400	-31563,470
538+0,00	0,090	3,400	1,300	67,000	33,230	31662,390	-31629,160
539+0,00	0,090	3,230	1,830	66,290	35,060	31728,680	-31693,620
540+0,00	0,040	3,640	1,330	68,760	36,400	31797,440	-31761,040
541+0,00	0,000	4,670	0,390	83,080	36,790	31880,510	-31843,720
542+0,00	0,000	5,760	0,000	104,260	36,790	31984,770	-31947,980
543+0,00	0,000	4,660	0,000	104,190	36,790	32088,960	-32052,170
544+0,00	0,000	2,510	0,000	71,680	36,790	32160,640	-32123,850
545+0,00	0,010	1,710	0,150	42,180	36,940	32202,820	-32165,880
546+0,00	0,020	1,690	0,340	33,960	37,280	32236,780	-32199,500
547+0,00	0,010	2,050	0,290	37,380	37,570	32274,150	-32236,580
548+0,00	0,000	2,590	0,100	46,450	37,670	32320,600	-32282,930
549+0,00	0,000	2,730	0,000	53,280	37,670	32373,880	-32336,210
550+0,00	0,000	2,790	0,000	55,220	37,670	32429,110	-32391,440
551+0,00	0,000	2,980	0,000	57,710	37,670	32486,810	-32449,140
552+0,00	0,000	2,950	0,000	59,360	37,670	32546,170	-32508,500
553+0,00	0,000	3,090	0,000	60,420	37,670	32606,590	-32568,920
554+0,00	0,000	2,040	0,000	51,240	37,670	32657,830	-32620,160
555+0,00	0,250	0,220	2,550	22,500	40,220	32680,340	-32640,120
556+0,00	0,000	2,540	2,550	27,540	42,760	32707,880	-32665,120
557+0,00	0,000	3,430	0,000	59,700	42,760	32767,580	-32724,820
558+0,00	0,000	3,350	0,000	67,820	42,760	32835,400	-32792,640
559+0,00	0,000	2,630	0,000	59,800	42,760	32895,200	-32852,440
560+0,00	0,000	1,750	0,000	43,750	42,760	32938,950	-32896,190
561+0,00	0,030	0,940	0,280	26,880	43,040	32965,820	-32922,780
562+0,00	0,120	0,630	1,470	15,680	44,500	32981,510	-32937,010
563+0,00	0,050	0,940	1,680	15,670	46,190	32997,180	-32950,990
564+0,00	0,000	2,150	0,490	30,860	46,680	33028,030	-32981,350
565+0,00	0,000	2,780	0,000	49,290	46,680	33077,320	-33030,640
566+0,00	0,000	3,260	0,000	60,460	46,680	33137,790	-33091,110

Osvaldo Leôncio da Silva [illegible]
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Sucid)

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	4,160	0,000	74,240	46,680	33212,030	-33165,350
568+0,00	0,000	4,240	0,000	83,970	46,680	33295,990	-33249,310
569+0,00	0,000	3,780	0,000	80,120	46,680	33376,120	-33329,440
570+0,00	0,010	1,330	0,090	51,050	46,770	33427,170	-33380,400
571+0,00	0,000	1,940	0,090	32,690	46,860	33459,860	-33413,000
572+0,00	0,000	3,140	0,000	50,840	46,860	33510,700	-33463,840
573+0,00	0,000	2,620	0,000	57,590	46,860	33568,290	-33521,430
574+0,00	0,000	3,930	0,000	65,510	46,860	33633,790	-33586,930
575+0,00	0,000	3,960	0,000	78,880	46,860	33712,670	-33665,810
576+0,00	0,000	3,460	0,000	74,240	46,860	33786,920	-33740,060
577+0,00	0,000	3,100	0,000	65,640	46,860	33852,550	-33805,690
578+0,00	0,000	3,820	0,000	69,150	46,860	33921,710	-33874,850
579+0,00	0,000	3,630	0,000	74,500	46,860	33996,210	-33949,350
580+0,00	0,000	2,900	0,000	65,370	46,860	34061,570	-34014,710
581+0,00	0,000	3,060	0,000	59,570	46,860	34121,140	-34074,280
582+0,00	0,000	3,830	0,000	68,860	46,860	34190,000	-34143,140
583+0,00	0,000	3,420	0,000	72,490	46,860	34262,490	-34215,630
584+0,00	0,000	3,020	0,000	64,410	46,860	34326,900	-34280,040
585+0,00	0,000	2,760	0,000	57,860	46,860	34384,760	-34337,900
586+0,00	0,000	3,060	0,000	58,190	46,860	34442,950	-34396,090
587+0,00	0,000	3,850	0,000	69,080	46,860	34512,030	-34465,170
588+0,00	0,000	3,630	0,000	74,790	46,860	34586,810	-34539,950
589+0,00	0,000	3,720	0,000	73,480	46,860	34660,300	-34613,440
590+0,00	0,000	3,660	0,000	73,830	46,860	34734,130	-34687,270
591+0,00	0,000	3,240	0,000	68,980	46,860	34803,110	-34756,250
592+0,00	0,000	2,990	0,000	62,240	46,860	34865,340	-34818,480
593+0,00	0,000	2,370	0,000	53,560	46,860	34918,900	-34872,040
594+0,00	0,000	2,400	0,000	47,730	46,860	34966,630	-34919,770
595+0,00	0,000	2,950	0,000	53,550	46,860	35020,180	-34973,320
596+0,00	0,000	1,580	0,000	45,320	46,860	35065,500	-35018,640
597+0,00	0,000	1,080	0,010	26,560	46,860	35092,060	-35045,200
598+0,00	0,000	1,320	0,010	23,960	46,870	35116,030	-35069,160
599+0,00	0,000	1,630	0,000	29,530	46,870	35145,550	-35098,680
600+0,00	0,000	2,100	0,000	37,310	46,870	35182,860	-35135,990
601+0,00	0,000	3,000	0,000	50,980	46,870	35233,840	-35186,970
602+0,00	0,000	3,160	0,000	61,690	46,870	35295,530	-35248,660
603+0,00	0,000	3,300	0,000	64,690	46,870	35360,210	-35313,340
604+0,00	0,000	3,060	0,000	63,690	46,870	35423,900	-35377,030
605+0,00	0,000	2,830	0,000	58,960	46,870	35482,860	-35435,990
606+0,00	0,000	2,140	0,000	49,690	46,870	35532,560	-35485,690
607+0,00	0,000	1,300	0,000	34,360	46,870	35566,920	-35520,050
608+0,00	0,000	0,670	0,000	19,730	46,870	35586,650	-35539,780
609+0,00	0,000	1,450	0,000	21,260	46,870	35607,920	-35561,050
610+0,00	0,000	2,520	0,000	39,720	46,870	35647,640	-35600,770
611+0,00	0,000	2,880	0,000	54,000	46,870	35701,640	-35654,770
612+0,00	0,000	2,730	0,000	56,120	46,870	35757,760	-35710,890
613+0,00	0,000	2,880	0,000	56,160	46,870	35813,920	-35767,050
614+0,00	0,000	2,810	0,000	56,950	46,870	35870,870	-35824,000
615+0,00	0,000	3,050	0,000	58,570	46,870	35929,440	-35882,570
616+0,00	0,000	3,720	0,000	67,650	46,870	35997,080	-35950,210
617+0,00	0,000	2,570	0,000	62,910	46,870	36060,000	-36013,130
618+0,00	0,000	2,660	0,000	52,300	46,870	36112,290	-36065,420
619+0,00	0,000	3,150	0,000	58,120	46,870	36170,420	-36123,550
620+0,00	0,000	3,570	0,000	67,330	46,870	36237,740	-36190,870
621+0,00	0,000	2,990	0,000	65,630	46,870	36303,370	-36256,500
622+0,00	0,000	3,180	0,000	61,940	46,870	36365,320	-36318,450
623+0,00	0,000	3,020	0,000	62,410	46,870	36427,720	-36380,850
624+0,00	0,000	2,990	0,000	60,160	46,870	36487,880	-36441,010
625+0,00	0,000	2,960	0,000	59,560	46,870	36547,440	-36500,570
626+0,00	0,000	1,600	0,000	45,700	46,870	36593,140	-36546,270
627+0,00	0,000	2,140	0,000	37,420	46,870	36630,560	-36583,690
628+0,00	0,000	3,060	0,000	52,050	46,870	36682,610	-36635,740
629+0,00	0,000	2,950	0,000	60,150	46,870	36742,760	-36695,890
630+0,00	0,000	2,900	0,000	58,520	46,870	36801,280	-36754,410

Osvaldo Leôncio da Silva
Diretor da Unidade de Programas
Projetos e Obras - DUPRO
Secretaria da 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)
631+0,00	0,000	2,940	0,000	58,390	46,870	36859,670	-36812,800
632+0,00	0,000	3,100	0,000	60,390	46,870	36920,060	-36873,190
633+0,00	0,000	3,090	0,000	61,940	46,870	36982,000	-36935,130
634+0,00	0,000	2,880	0,000	59,730	46,870	37041,730	-36994,860
635+0,00	0,000	3,010	0,000	58,880	46,870	37100,610	-37053,740
636+0,00	0,000	3,310	0,000	63,250	46,870	37163,870	-37117,000
637+0,00	0,000	4,230	0,000	75,430	46,870	37239,290	-37192,420
638+0,00	0,000	3,740	0,000	79,690	46,870	37318,980	-37272,110
639+0,00	0,000	2,830	0,000	65,690	46,870	37384,670	-37337,800
640+0,00	0,000	2,510	0,000	53,380	46,870	37438,050	-37391,180
641+0,00	0,000	2,910	0,000	54,190	46,870	37492,240	-37445,370
642+0,00	0,000	3,800	0,000	67,140	46,870	37559,380	-37512,510
643+0,00	0,000	4,290	0,000	80,920	46,870	37640,290	-37593,420
644+0,00	0,000	3,620	0,000	79,120	46,870	37719,410	-37672,540
645+0,00	0,000	2,630	0,000	62,600	46,870	37782,010	-37735,140
646+0,00	0,000	2,510	0,000	51,440	46,870	37833,450	-37786,580
647+0,00	0,000	3,200	0,000	57,110	46,870	37890,560	-37843,690
648+0,00	0,000	3,340	0,000	65,400	46,870	37955,960	-37909,090
649+0,00	0,000	3,280	0,000	66,220	46,870	38022,180	-37975,310
650+0,00	0,000	3,500	0,000	67,830	46,870	38090,010	-38043,140
651+0,00	0,000	3,290	0,000	67,900	46,870	38157,910	-38111,040
652+0,00	0,000	3,250	0,000	65,380	46,870	38223,290	-38176,420
653+0,00	0,000	3,110	0,000	63,600	46,870	38286,890	-38240,020
654+0,00	0,000	3,040	0,000	61,510	46,870	38348,400	-38301,530
655+0,00	0,000	3,050	0,000	60,920	46,870	38409,330	-38362,460
656+0,00	0,000	2,940	0,000	59,980	46,870	38469,310	-38422,440
657+0,00	0,000	2,850	0,000	57,930	46,870	38527,240	-38480,370
658+0,00	0,000	2,930	0,000	57,750	46,870	38584,990	-38538,120
659+0,00	0,000	3,020	0,000	59,460	46,870	38644,450	-38597,580
660+0,00	0,000	3,030	0,000	60,510	46,870	38704,960	-38658,090
661+0,00	0,000	2,930	0,000	59,650	46,870	38764,610	-38717,740
662+0,00	0,000	3,110	0,000	60,510	46,870	38825,120	-38778,250
663+0,00	0,000	2,780	0,000	59,070	46,870	38884,190	-38837,320
664+0,00	0,000	2,880	0,000	57,250	46,870	38941,440	-38894,570
665+0,00	0,000	2,750	0,000	56,740	46,870	38998,180	-38951,310
666+0,00	0,000	2,990	0,000	57,580	46,870	39055,760	-39008,890
667+0,00	0,000	3,000	0,000	60,130	46,870	39115,890	-39069,020
668+0,00	0,000	3,110	0,000	60,940	46,870	39176,830	-39129,960
669+0,00	0,000	3,800	0,000	69,020	46,870	39245,850	-39198,980
670+0,00	0,000	3,560	0,000	73,530	46,870	39319,380	-39272,510
671+0,00	0,000	3,450	0,000	70,050	46,870	39389,430	-39342,560
672+0,00	0,000	2,370	0,000	58,210	46,870	39447,630	-39400,760
673+0,00	0,000	3,160	0,000	55,380	46,880	39503,010	-39456,130
674+0,00	0,010	3,260	0,080	64,210	46,950	39567,220	-39520,270
675+0,00	0,000	3,230	0,100	64,850	47,060	39632,080	-39585,020
676+0,00	0,040	2,310	0,390	55,370	47,450	39687,450	-39640,000
677+0,00	0,000	2,630	0,370	49,410	47,820	39736,860	-39689,040
678+0,00	0,590	0,430	5,880	30,590	53,700	39767,440	-39713,740
679+0,00	0,340	1,140	9,280	15,660	62,970	39783,100	-39720,130
680+0,00	0,000	2,380	3,390	35,230	66,370	39818,330	-39751,960
681+0,00	0,000	2,550	0,000	49,340	66,370	39867,670	-39801,300
682+0,00	0,000	2,880	0,000	54,350	66,370	39922,010	-39855,640
683+0,00	0,000	3,690	0,000	65,660	66,370	39987,670	-39921,300
684+0,00	0,000	3,940	0,000	76,280	66,370	40063,940	-39997,570
685+0,00	0,000	2,900	0,000	67,990	66,370	40131,930	-40065,560
686+0,00	0,000	2,770	0,000	56,740	66,370	40188,670	-40122,300
687+0,00	0,000	2,990	0,000	57,640	66,370	40246,310	-40179,940
688+0,00	0,000	3,240	0,000	62,250	66,370	40308,560	-40242,190
689+0,00	0,000	3,430	0,000	66,630	66,370	40375,190	-40308,820
690+0,00	0,000	3,180	0,000	66,110	66,370	40441,300	-40374,930
691+0,00	0,050	2,340	0,510	54,740	66,870	40496,040	-40429,170
692+0,00	0,000	2,850	0,490	51,820	67,370	40547,860	-40480,490
693+0,00	0,000	3,540	0,000	63,880	67,370	40611,740	-40544,370
694+0,00	0,000	3,750	0,000	72,960	67,370	40684,700	-40617,330

Osvaldo Leôncio da Silva
Diretor da Unidade de Programas
Projetos e Obras - DEPPO
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	0,000	4,370	0,000	81,200	67,370	40765,890	-40698,520
696+0,00	0,000	3,020	0,000	73,890	67,370	40839,780	-40772,410
697+0,00	0,000	2,810	0,000	58,380	67,370	40898,160	-40830,790
698+0,00	0,000	2,520	0,000	53,410	67,370	40951,560	-40884,190
699+0,00	0,000	2,570	0,000	50,900	67,370	41002,460	-40935,090
700+0,00	0,000	2,930	0,000	55,080	67,370	41057,540	-40990,170
701+0,00	0,000	3,190	0,000	61,250	67,370	41118,790	-41051,420
702+0,00	0,000	2,350	0,000	55,410	67,370	41174,200	-41106,830
703+0,00	0,000	2,870	0,000	52,230	67,370	41226,430	-41159,060
704+0,00	0,000	2,990	0,000	58,650	67,370	41285,080	-41217,710
705+0,00	0,000	3,080	0,000	60,670	67,370	41345,750	-41278,380
706+0,00	0,000	3,040	0,000	61,180	67,370	41406,930	-41339,560
707+0,00	0,000	2,930	0,000	59,680	67,370	41466,610	-41399,240
708+0,00	0,000	2,550	0,000	54,850	67,370	41521,460	-41454,090
709+0,00	0,000	2,940	0,000	54,950	67,370	41576,410	-41509,040
710+0,00	0,000	2,540	0,000	54,800	67,370	41631,210	-41563,840
711+0,00	0,000	2,990	0,000	55,300	67,370	41686,510	-41619,140
712+0,00	0,000	3,430	0,000	64,200	67,370	41750,710	-41683,340
713+0,00	0,000	3,380	0,000	68,080	67,370	41818,790	-41751,420
714+0,00	0,000	2,970	0,000	63,510	67,370	41882,300	-41814,930
715+0,00	0,000	2,940	0,000	59,140	67,370	41941,440	-41874,070
716+0,00	0,000	3,730	0,000	66,640	67,370	42008,090	-41940,720
717+0,00	0,000	4,120	0,000	78,450	67,370	42086,540	-42019,170
718+0,00	0,000	4,220	0,000	83,390	67,370	42169,930	-42102,560
719+0,00	0,000	3,300	0,000	75,230	67,370	42245,160	-42177,790
720+0,00	0,000	2,260	0,000	55,660	67,370	42300,810	-42233,440
721+0,00	0,000	1,270	0,000	35,280	67,370	42336,100	-42268,730
722+0,00	0,000	2,550	0,000	38,120	67,370	42374,220	-42306,850
723+0,00	0,000	2,970	0,000	55,190	67,370	42429,410	-42362,040
724+0,00	0,000	2,950	0,000	59,240	67,370	42488,650	-42421,280
725+0,00	0,000	2,970	0,000	59,220	67,370	42547,870	-42480,500
726+0,00	0,000	2,640	0,000	56,060	67,370	42603,930	-42536,560
727+0,00	0,000	2,410	0,000	50,420	67,370	42654,350	-42586,980
728+0,00	0,000	1,720	0,000	41,320	67,370	42695,670	-42628,300
729+0,00	0,000	2,440	0,000	41,670	67,370	42737,340	-42669,970
730+0,00	0,000	2,680	0,000	51,190	67,370	42788,530	-42721,160
731+0,00	0,000	3,950	0,000	66,250	67,370	42854,770	-42787,400
732+0,00	0,000	4,220	0,000	81,680	67,370	42936,460	-42869,090
733+0,00	0,000	3,670	0,000	78,860	67,370	43015,310	-42947,940
734+0,00	0,000	3,130	0,000	68,000	67,370	43083,320	-43015,950
735+0,00	0,000	2,820	0,000	59,550	67,370	43142,870	-43075,500
736+0,00	0,000	2,590	0,000	54,120	67,370	43196,990	-43129,620
737+0,00	0,000	3,470	0,000	60,560	67,370	43257,550	-43190,180
738+0,00	0,000	3,180	0,000	66,450	67,370	43324,000	-43256,630
739+0,00	0,000	3,080	0,000	62,440	67,370	43386,440	-43319,070
740+0,00	0,000	3,170	0,000	62,570	67,370	43449,010	-43381,640
741+0,00	0,000	3,010	0,000	61,780	67,370	43510,790	-43443,420
742+0,00	0,000	1,400	0,000	44,170	67,370	43554,960	-43487,590
743+0,00	0,000	1,180	0,000	25,870	67,370	43580,830	-43513,460
744+0,00	0,000	1,220	0,000	24,050	67,370	43604,880	-43537,510
745+0,00	0,000	1,490	0,000	27,120	67,370	43632,000	-43564,630
746+0,00	0,000	2,780	0,000	42,660	67,370	43674,660	-43607,290
747+0,00	0,000	3,110	0,000	58,840	67,370	43733,490	-43666,120
748+0,00	0,000	3,990	0,000	70,960	67,370	43804,450	-43737,080
749+0,00	0,000	4,680	0,000	86,720	67,370	43891,170	-43823,800
750+0,00	0,000	4,760	0,000	94,420	67,370	43985,600	-43918,230
751+0,00	0,000	4,050	0,000	88,080	67,370	44073,680	-44006,310
752+0,00	0,000	3,000	0,000	70,420	67,370	44144,110	-44076,740
753+0,00	0,000	2,450	0,000	54,460	67,370	44198,570	-44131,200
754+0,00	0,510	0,000	5,130	24,500	72,500	44223,060	-44150,560
755+0,00	0,040	0,340	5,470	3,340	77,970	44226,400	-44148,430
756+0,00	0,000	1,660	0,370	19,980	78,340	44246,380	-44168,040
757+0,00	0,000	2,850	0,000	45,080	78,340	44291,450	-44213,110
758+0,00	0,000	3,120	0,000	59,620	78,340	44351,070	-44272,730

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Sucs)

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	0,000	2,510	0,000	56,320	78,340	44407,390	-44329,050
760+0,00	0,000	2,690	0,000	52,210	78,340	44459,610	-44381,270
761+0,00	0,000	3,380	0,000	60,720	78,340	44520,320	-44441,980
762+0,00	0,000	2,900	0,000	62,940	78,340	44583,270	-44504,930
763+0,00	0,000	2,990	0,000	58,970	78,340	44642,230	-44563,890
764+0,00	0,000	3,250	0,000	62,480	78,340	44704,710	-44626,370
765+0,00	0,000	3,070	0,000	63,140	78,340	44767,860	-44689,520
766+0,00	0,000	2,870	0,000	59,410	78,340	44827,270	-44748,930
767+0,00	0,000	3,800	0,000	66,920	78,340	44894,180	-44815,840
768+0,00	0,000	4,310	0,000	81,150	78,340	44975,330	-44896,990
769+0,00	0,000	3,040	0,000	73,550	78,340	45048,880	-44970,540
770+0,00	0,000	3,840	0,000	69,100	78,340	45117,980	-45039,640
771+0,00	0,000	3,470	0,000	73,750	78,340	45191,730	-45113,390
772+0,00	0,000	3,140	0,000	66,100	78,340	45257,830	-45179,490
773+0,00	0,000	3,140	0,000	63,050	78,340	45320,880	-45242,540
774+0,00	0,000	2,980	0,000	61,340	78,340	45382,230	-45303,890
775+0,00	0,000	2,120	0,000	50,970	78,340	45433,200	-45354,860
776+0,00	0,000	1,440	0,000	35,600	78,340	45468,790	-45390,450
777+0,00	0,000	0,540	0,000	19,760	78,340	45488,550	-45410,210
778+0,00	0,000	2,010	0,000	25,530	78,340	45514,080	-45435,740
779+0,00	0,000	3,010	0,000	50,220	78,340	45564,300	-45485,960
780+0,00	0,000	3,020	0,000	60,320	78,340	45624,620	-45546,280
781+0,00	0,000	3,270	0,000	62,920	78,340	45687,530	-45609,190
782+0,00	0,000	3,120	0,000	63,900	78,340	45751,440	-45673,100
783+0,00	0,000	3,030	0,000	61,460	78,340	45812,890	-45734,550
784+0,00	0,000	3,080	0,000	61,080	78,340	45873,970	-45795,630
785+0,00	0,000	3,210	0,000	62,950	78,340	45936,910	-45858,570
786+0,00	0,000	3,140	0,000	63,550	78,340	46000,460	-45922,120
787+0,00	0,000	2,860	0,000	60,000	78,340	46060,460	-45982,120
788+0,00	0,000	2,880	0,000	57,370	78,340	46117,840	-46039,500
789+0,00	0,000	3,010	0,000	58,920	78,340	46176,760	-46098,420
790+0,00	0,000	3,500	0,000	64,990	78,340	46241,740	-46163,400
791+0,00	0,000	2,960	0,000	64,330	78,340	46306,080	-46227,740
792+0,00	0,000	2,640	0,000	56,020	78,340	46362,100	-46283,760
793+0,00	0,000	2,750	0,000	53,950	78,340	46416,050	-46337,710
794+0,00	0,000	2,810	0,000	55,570	78,340	46471,620	-46393,280
795+0,00	0,000	2,980	0,000	57,900	78,340	46529,520	-46451,180
796+0,00	0,000	2,730	0,000	57,100	78,340	46586,610	-46508,270
797+0,00	0,000	1,930	0,000	46,600	78,340	46633,210	-46554,870
798+0,00	0,000	1,960	0,000	38,870	78,340	46672,080	-46593,740
799+0,00	0,000	1,640	0,000	35,970	78,340	46708,050	-46629,710
800+0,00	0,000	2,360	0,000	40,050	78,340	46748,090	-46669,750
801+0,00	0,000	3,160	0,000	55,210	78,340	46803,310	-46724,970
802+0,00	0,000	3,500	0,000	66,600	78,340	46869,910	-46791,570
803+0,00	0,000	3,210	0,000	67,090	78,340	46937,010	-46858,670
804+0,00	0,000	2,820	0,000	60,260	78,340	46997,270	-46918,930
805+0,00	0,000	3,580	0,000	64,030	78,340	47061,290	-46982,950
806+0,00	0,000	3,510	0,000	70,920	78,340	47132,210	-47053,870
807+0,00	0,000	2,990	0,000	64,920	78,340	47197,140	-47118,800
808+0,00	0,000	2,800	0,000	57,860	78,340	47255,000	-47176,660
809+0,00	0,000	2,810	0,000	56,060	78,340	47311,060	-47232,720
810+0,00	0,000	2,950	0,000	57,500	78,340	47368,570	-47290,230
811+0,00	0,000	2,900	0,000	58,410	78,340	47426,970	-47348,630
812+0,00	0,000	2,920	0,000	58,160	78,340	47485,130	-47406,790
813+0,00	0,000	2,920	0,000	58,450	78,340	47543,580	-47465,240
814+0,00	0,000	2,970	0,000	58,950	78,340	47602,530	-47524,190
815+0,00	0,000	3,000	0,000	59,730	78,340	47662,260	-47583,920
816+0,00	0,000	2,970	0,000	59,730	78,340	47721,980	-47643,640
817+0,00	0,000	2,310	0,000	52,780	78,340	47774,760	-47696,420
818+0,00	0,000	2,150	0,000	44,570	78,340	47819,340	-47741,000
819+0,00	0,000	3,040	0,000	51,920	78,340	47871,260	-47792,920
820+0,00	0,000	2,800	0,000	58,430	78,340	47929,680	-47851,340
821+0,00	0,000	2,560	0,000	53,630	78,340	47983,320	-47904,980
822+0,00	0,000	2,880	0,000	54,400	78,340	48037,720	-47959,380

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
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)
823+0,00	0,000	2,940	0,000	58,230	78,340	48095,940	-48017,600
824+0,00	0,000	2,910	0,000	58,500	78,340	48154,440	-48076,100
825+0,00	0,000	3,130	0,000	60,420	78,340	48214,860	-48136,520
826+0,00	0,000	2,830	0,000	59,330	78,340	48274,190	-48195,850
827+0,00	0,000	2,970	0,000	57,940	78,340	48332,140	-48253,800
828+0,00	0,000	2,940	0,000	59,150	78,340	48391,290	-48312,950
829+0,00	0,000	2,960	0,000	59,070	78,340	48450,360	-48372,020
830+0,00	0,000	2,870	0,000	58,310	78,340	48508,660	-48430,320
831+0,00	0,000	2,490	0,000	53,490	78,340	48562,160	-48483,820
832+0,00	0,000	2,230	0,000	47,140	78,340	48609,300	-48530,960
833+0,00	0,000	2,400	0,000	46,270	78,340	48655,570	-48577,230
834+0,00	0,000	2,730	0,000	51,270	78,340	48706,840	-48628,500
835+0,00	0,000	2,940	0,000	56,700	78,340	48763,540	-48685,200
836+0,00	0,000	3,030	0,000	59,740	78,340	48823,280	-48744,940
837+0,00	0,000	3,000	0,000	60,330	78,340	48883,610	-48805,270
838+0,00	0,000	3,020	0,000	60,170	78,340	48943,780	-48865,440
839+0,00	0,000	3,190	0,000	61,990	78,340	49005,760	-48927,420
840+0,00	0,000	3,160	0,000	63,440	78,340	49069,210	-48990,870
841+0,00	0,000	2,990	0,000	61,470	78,340	49130,670	-49052,330
842+0,00	0,000	2,870	0,000	58,650	78,340	49189,320	-49110,980
843+0,00	0,000	2,980	0,000	58,510	78,340	49247,830	-49169,490
844+0,00	0,000	2,910	0,000	58,910	78,340	49306,740	-49228,400
845+0,00	0,000	2,830	0,000	57,470	78,340	49364,220	-49285,880
846+0,00	0,000	2,980	0,000	58,090	78,340	49422,310	-49343,970
847+0,00	0,000	3,000	0,000	59,720	78,340	49482,030	-49403,690
848+0,00	0,000	2,500	0,000	54,940	78,340	49536,980	-49458,640
849+0,00	0,000	1,680	0,000	41,800	78,340	49578,770	-49500,430
850+0,00	0,000	2,150	0,000	38,160	78,340	49616,930	-49538,590
851+0,00	0,000	2,680	0,000	48,270	78,340	49665,200	-49586,860
852+0,00	0,000	2,850	0,000	55,130	78,340	49720,330	-49641,990
853+0,00	0,000	2,610	0,000	54,520	78,340	49774,850	-49696,510
854+0,00	0,000	2,480	0,000	50,540	78,340	49825,390	-49747,050
855+0,00	0,000	3,210	0,000	56,490	78,340	49881,880	-49803,540
856+0,00	0,000	3,050	0,000	62,530	78,340	49944,410	-49866,070
857+0,00	0,000	1,860	0,000	48,790	78,340	49993,200	-49914,860
858+0,00	0,000	1,870	0,000	37,320	78,340	50030,520	-49952,180
859+0,00	0,000	2,950	0,000	48,280	78,340	50078,800	-50000,460
860+0,00	0,000	2,460	0,000	54,130	78,340	50132,930	-50054,590
861+0,00	0,000	2,510	0,000	49,710	78,340	50182,640	-50104,300
862+0,00	0,000	3,210	0,000	57,220	78,340	50239,860	-50161,520
863+0,00	0,000	3,840	0,000	70,460	78,340	50310,320	-50231,980
864+0,00	0,000	4,510	0,000	83,490	78,340	50393,810	-50315,470
865+0,00	0,000	4,150	0,000	86,670	78,340	50480,480	-50402,140
866+0,00	0,000	4,050	0,000	82,080	78,340	50562,560	-50484,220
867+0,00	0,000	3,200	0,000	72,540	78,340	50635,110	-50556,770
868+0,00	0,000	3,130	0,000	63,300	78,340	50698,410	-50620,070
869+0,00	0,000	4,210	0,000	73,400	78,340	50771,800	-50693,460
870+0,00	0,000	3,050	0,000	72,550	78,340	50844,350	-50766,010
871+0,00	0,000	2,810	0,000	58,600	78,340	50902,950	-50824,610
872+0,00	0,000	3,510	0,000	63,120	78,340	50966,070	-50887,730
873+0,00	0,000	3,540	0,000	70,460	78,340	51036,530	-50958,190
874+0,00	0,000	3,410	0,000	69,450	78,340	51105,990	-51027,650
875+0,00	0,000	3,000	0,000	64,090	78,340	51170,080	-51091,740
876+0,00	0,000	2,980	0,000	59,780	78,340	51229,860	-51151,520
877+0,00	0,000	2,950	0,000	59,410	78,340	51289,280	-51210,940
878+0,00	0,000	3,000	0,000	59,470	78,340	51348,750	-51270,410
879+0,00	0,000	3,240	0,000	62,390	78,340	51411,140	-51332,800
880+0,00	0,000	2,990	0,000	62,290	78,340	51473,430	-51395,090
881+0,00	0,000	3,090	0,000	60,820	78,340	51534,250	-51455,910
882+0,00	0,000	3,010	0,000	60,990	78,340	51595,230	-51516,890
883+0,00	0,000	3,240	0,000	62,510	78,340	51657,750	-51579,410
884+0,00	0,000	2,980	0,000	62,240	78,340	51719,990	-51641,650
885+0,00	0,000	2,970	0,000	59,530	78,340	51779,520	-51701,180
886+0,00	0,000	2,980	0,000	59,460	78,340	51838,980	-51760,640

Osvaldo Leôncio da Silva Filho
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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	0,100	0,780	1,000	39,110	915,640	107101,700	-106186,060
1848+0,00	0,000	1,920	1,000	27,010	916,640	107128,710	-106212,070
1849+0,00	0,000	2,640	0,000	45,570	916,640	107174,280	-106257,640
1850+0,00	0,000	3,400	0,000	60,410	916,640	107234,690	-106318,050
1851+0,00	0,000	2,800	0,000	61,660	916,640	107296,350	-106379,710
1852+0,00	0,000	2,360	0,000	51,430	916,640	107347,780	-106431,140
1853+0,00	0,000	3,850	0,000	62,100	916,640	107409,880	-106493,240
1854+0,00	0,000	2,900	0,000	67,430	916,640	107477,310	-106560,670
1855+0,00	0,000	2,610	0,000	55,130	916,640	107532,430	-106615,790
1856+0,00	0,100	1,430	1,040	40,380	917,680	107572,810	-106655,130
1857+0,00	0,000	2,470	1,040	38,910	918,730	107611,720	-106692,990
1858+0,00	0,010	2,010	0,070	44,800	918,800	107656,520	-106737,720
1859+0,00	0,000	2,990	0,070	50,040	918,870	107706,550	-106787,680
1860+0,00	0,000	3,110	0,000	60,950	918,870	107767,510	-106848,640
1861+0,00	0,000	3,000	0,000	61,110	918,870	107828,620	-106909,750
1862+0,00	0,000	3,180	0,000	61,830	918,870	107890,450	-106971,580
1863+0,00	0,000	3,070	0,000	62,520	918,870	107952,970	-107034,100
1864+0,00	0,000	3,100	0,000	61,670	918,870	108014,650	-107095,780
1865+0,00	0,000	3,020	0,000	61,900	918,870	108076,550	-107157,680
1866+0,00	0,000	3,420	0,000	64,360	918,870	108140,920	-107222,050
1867+0,00	0,000	3,230	0,000	66,940	918,870	108207,860	-107288,990
1868+0,00	0,000	3,140	0,000	64,010	918,870	108271,870	-107353,000
1869+0,00	0,000	3,740	0,000	69,030	918,870	108340,900	-107422,030
1870+0,00	0,000	3,540	0,000	72,780	918,870	108413,690	-107494,820
1871+0,00	0,000	3,770	0,000	73,040	918,870	108486,720	-107567,850
1872+0,00	0,000	2,950	0,000	67,180	918,870	108553,910	-107635,040
1873+0,00	0,000	2,600	0,000	55,480	918,870	108609,380	-107690,510
1874+0,00	0,000	1,990	0,000	45,870	918,870	108655,250	-107736,380
1875+0,00	0,000	2,270	0,000	42,620	918,870	108697,870	-107779,000
1876+0,00	0,000	2,370	0,000	46,440	918,870	108744,310	-107825,440
1877+0,00	0,000	3,310	0,000	56,810	918,870	108801,120	-107882,250
1878+0,00	0,000	3,950	0,000	72,600	918,870	108873,720	-107954,850
1879+0,00	0,000	3,100	0,000	70,510	918,870	108944,230	-108025,360
1880+0,00	0,000	3,310	0,000	64,140	918,870	109008,360	-108089,490
1881+0,00	0,000	3,340	0,000	66,600	918,870	109074,960	-108156,090
1882+0,00	0,000	3,030	0,000	63,740	918,870	109138,690	-108219,820
1883+0,00	0,000	3,720	0,000	67,550	918,870	109206,250	-108287,380
1884+0,00	0,000	3,120	0,000	68,380	918,870	109274,620	-108355,750
1885+0,00	0,000	2,660	0,000	57,740	918,870	109332,360	-108413,490
1886+0,00	0,000	3,200	0,000	58,530	918,870	109390,890	-108472,020
1887+0,00	0,000	4,550	0,000	77,500	918,870	109468,390	-108549,520
1888+0,00	0,000	3,850	0,000	84,070	918,870	109552,450	-108633,580
1889+0,00	0,000	3,190	0,000	70,430	918,870	109622,880	-108704,010
1890+0,00	0,000	3,190	0,000	63,820	918,870	109686,700	-108767,830
1891+0,00	0,000	2,970	0,000	61,700	918,870	109748,400	-108829,530
1892+0,00	0,000	2,860	0,000	58,280	918,870	109806,680	-108887,810
1893+0,00	0,000	2,890	0,040	57,510	918,910	109864,190	-108945,280
1894+0,00	0,000	3,950	0,040	68,400	918,950	109932,590	-109013,640
1895+0,00	0,000	5,910	0,000	98,580	918,950	110031,170	-109112,220
1896+0,00	0,080	4,250	0,870	100,380	919,820	110131,550	-109211,730
1897+0,00	0,360	3,100	4,420	73,450	924,240	110205,000	-109280,760
1898+0,00	0,390	2,490	7,510	55,940	931,750	110260,940	-109329,190
1899+0,00	0,460	2,010	8,490	45,080	940,230	110306,030	-109365,800
1900+0,00	0,390	1,780	8,760	36,960	948,990	110342,980	-109393,990
1901+0,00	0,180	2,560	5,490	44,050	954,490	110387,030	-109432,540
1902+0,00	0,870	0,920	10,450	34,780	964,940	110421,820	-109456,880
1903+0,00	0,740	1,660	16,110	25,800	981,050	110447,620	-109466,570
1904+0,00	0,740	1,650	14,790	33,130	995,840	110480,740	-109484,900
1905+0,00	0,270	2,610	10,040	42,570	1005,880	110523,310	-109517,430
1906+0,00	0,070	2,620	3,370	52,300	1009,250	110575,610	-109566,360
1907+0,00	0,070	3,800	1,330	64,250	1010,580	110639,860	-109629,280
1908+0,00	1,120	1,150	12,020	49,060	1022,610	110688,920	-109666,310
1909+0,00	0,180	3,180	12,350	44,730	1034,950	110733,650	-109698,700
1910+0,00	0,120	3,460	3,000	66,340	1037,960	110799,990	-109762,030

Osvaldo Leoncio da Silva Filho
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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)
887+0,00	0,000	2,770	0,000	57,460	78,340	51896,440	-51818,100
888+0,00	0,000	2,980	0,000	57,510	78,340	51953,950	-51875,610
889+0,00	0,000	3,000	0,000	59,820	78,340	52013,770	-51935,430
890+0,00	0,000	3,020	0,000	60,240	78,340	52074,010	-51995,670
891+0,00	0,000	3,680	0,000	66,980	78,340	52140,990	-52062,650
892+0,00	0,000	3,870	0,000	75,460	78,340	52216,450	-52138,110
893+0,00	0,000	4,030	0,000	78,950	78,340	52295,400	-52217,060
894+0,00	0,000	3,130	0,000	71,600	78,340	52367,000	-52288,660
895+0,00	0,000	2,750	0,000	58,850	78,340	52425,840	-52347,500
896+0,00	0,000	2,950	0,000	57,030	78,340	52482,870	-52404,530
897+0,00	0,000	2,800	0,000	57,530	78,340	52540,400	-52462,060
898+0,00	0,000	2,700	0,000	55,030	78,340	52595,430	-52517,090
899+0,00	0,000	3,090	0,000	57,960	78,340	52653,390	-52575,050
900+0,00	0,000	3,010	0,000	61,000	78,340	52714,390	-52636,050
901+0,00	0,000	2,960	0,000	59,690	78,340	52774,090	-52695,750
902+0,00	0,000	2,930	0,000	58,930	78,340	52833,020	-52754,680
903+0,00	0,000	2,610	0,000	55,420	78,340	52888,440	-52810,100
904+0,00	0,000	1,770	0,000	43,860	78,340	52932,300	-52853,960
905+0,00	0,000	1,970	0,000	37,500	78,340	52969,800	-52891,460
906+0,00	0,000	2,420	0,000	43,920	78,340	53013,720	-52935,380
907+0,00	0,000	3,200	0,000	56,180	78,340	53069,890	-52991,550
908+0,00	0,000	2,930	0,000	61,350	78,340	53131,240	-53052,900
909+0,00	0,000	3,290	0,000	62,270	78,340	53193,510	-53115,170
910+0,00	0,000	4,740	0,000	80,280	78,340	53273,790	-53195,450
911+0,00	0,000	4,090	0,000	88,290	78,340	53362,080	-53283,740
912+0,00	0,000	3,070	0,000	71,560	78,340	53433,640	-53355,300
913+0,00	0,000	3,510	0,000	65,810	78,340	53499,450	-53421,110
914+0,00	0,000	3,210	0,000	67,230	78,340	53566,680	-53488,340
915+0,00	0,000	3,080	0,000	62,990	78,340	53629,670	-53551,330
916+0,00	0,000	1,680	0,010	47,720	78,350	53677,390	-53599,040
917+0,00	0,080	1,480	0,800	31,620	79,150	53709,010	-53629,860
918+0,00	0,010	2,180	0,850	36,980	80,000	53745,990	-53665,990
919+0,00	0,100	1,360	1,110	35,390	81,110	53781,380	-53700,270
920+0,00	0,000	2,610	1,030	39,670	82,140	53821,050	-53738,910
921+0,00	0,000	3,930	0,000	65,510	82,140	53886,560	-53804,420
922+0,00	0,000	3,000	0,010	69,320	82,150	53955,880	-53873,730
923+0,00	0,090	2,610	0,870	55,990	83,020	54011,870	-53928,850
924+0,00	0,270	1,920	3,540	45,280	86,560	54057,150	-53970,590
925+0,00	0,060	3,160	3,310	50,760	89,860	54107,910	-54018,050
926+0,00	0,060	3,190	1,180	63,550	91,040	54171,460	-54080,420
927+0,00	0,080	3,190	1,300	63,970	92,340	54235,430	-54143,090
928+0,00	0,190	2,730	2,600	59,160	94,940	54294,590	-54199,650
929+0,00	0,650	1,510	8,360	42,390	103,300	54336,980	-54233,680
930+0,00	0,540	1,910	12,000	34,110	115,300	54371,090	-54255,790
931+0,00	0,350	2,300	8,980	42,020	124,280	54413,120	-54288,840
932+0,00	0,110	2,670	4,590	49,650	128,870	54462,770	-54333,900
933+0,00	0,000	3,030	1,050	57,020	129,920	54519,790	-54389,870
934+0,00	0,000	3,000	0,000	60,200	129,920	54579,980	-54450,060
935+0,00	0,000	2,860	0,000	58,630	129,920	54638,610	-54508,690
936+0,00	0,000	2,420	0,000	52,440	129,920	54691,040	-54561,120
937+0,00	0,000	2,860	0,000	52,820	129,920	54743,860	-54613,940
938+0,00	0,000	1,770	0,000	46,160	129,920	54790,020	-54660,100
939+0,00	0,000	2,780	0,000	45,420	129,920	54835,440	-54705,520
940+0,00	0,000	1,650	0,000	44,280	129,920	54879,720	-54749,800
941+0,00	0,000	2,930	0,000	45,840	129,920	54925,560	-54795,640
942+0,00	0,000	2,690	0,000	56,220	129,920	54981,770	-54851,850
943+0,00	0,000	3,440	0,000	61,240	129,920	55043,010	-54913,090
944+0,00	0,000	3,340	0,000	67,710	129,920	55110,720	-54980,800
945+0,00	0,000	3,100	0,000	64,360	129,920	55175,080	-55045,160
946+0,00	0,000	2,920	0,000	60,240	129,920	55235,320	-55105,400
947+0,00	0,000	3,080	0,000	60,000	129,920	55295,320	-55165,400
948+0,00	0,000	3,550	0,000	66,260	129,920	55361,580	-55231,660
949+0,00	0,000	3,450	0,000	69,960	129,920	55431,540	-55301,620
950+0,00	0,000	3,050	0,000	64,930	129,920	55496,470	-55366,550

Osvaldo Leoncio da S... F...
Diretor da Unidade de Prog...
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)
951+0,00	0,000	2,700	0,000	57,440	129,920	55553,910	-55423,990
952+0,00	0,000	3,320	0,000	60,170	129,920	55614,090	-55484,170
953+0,00	0,000	3,590	0,000	69,070	129,920	55683,150	-55553,230
954+0,00	0,000	4,340	0,000	79,310	129,920	55762,460	-55632,540
955+0,00	0,000	4,520	0,000	88,600	129,920	55851,070	-55721,150
956+0,00	0,000	4,070	0,000	85,900	129,920	55936,970	-55807,050
957+0,00	0,000	3,680	0,000	77,510	129,920	56014,480	-55884,560
958+0,00	0,000	3,190	0,000	68,730	129,920	56083,210	-55953,290
959+0,00	0,000	3,100	0,000	62,940	129,920	56146,150	-56016,230
960+0,00	0,000	2,920	0,000	60,200	129,920	56206,360	-56076,440
961+0,00	0,000	2,730	0,000	56,490	129,920	56262,850	-56132,930
962+0,00	0,000	2,710	0,000	54,470	129,920	56317,320	-56187,400
963+0,00	0,000	2,880	0,000	55,870	129,920	56373,180	-56243,260
964+0,00	0,000	2,790	0,000	56,610	129,920	56429,790	-56299,870
965+0,00	0,000	2,900	0,000	56,860	129,920	56486,650	-56356,730
966+0,00	0,000	2,940	0,000	58,340	129,920	56544,990	-56415,070
967+0,00	0,000	2,870	0,000	58,120	129,920	56603,100	-56473,180
968+0,00	0,000	2,860	0,000	57,350	129,920	56660,460	-56530,540
969+0,00	0,000	2,900	0,000	57,640	129,920	56718,100	-56588,180
970+0,00	0,000	2,680	0,000	55,860	129,920	56773,960	-56644,040
971+0,00	0,000	2,790	0,000	54,790	129,920	56828,760	-56698,840
972+0,00	0,000	3,000	0,000	57,980	129,920	56886,740	-56756,820
973+0,00	0,000	2,350	0,000	53,560	129,920	56940,300	-56810,380
974+0,00	0,000	1,310	0,000	36,630	129,920	56976,930	-56847,010
975+0,00	0,000	2,600	0,000	39,070	129,920	57016,000	-56886,080
976+0,00	0,000	2,830	0,000	54,280	129,920	57070,280	-56940,360
977+0,00	0,000	3,020	0,000	58,480	129,920	57128,760	-56998,840
978+0,00	0,000	2,880	0,000	58,990	129,920	57187,760	-57057,840
979+0,00	0,000	2,980	0,000	58,530	129,920	57246,290	-57116,370
980+0,00	0,000	3,070	0,000	60,470	129,920	57306,760	-57176,840
981+0,00	0,000	2,970	0,000	60,400	129,920	57367,160	-57237,240
982+0,00	0,000	3,530	0,000	64,940	129,920	57432,100	-57302,180
983+0,00	0,000	3,090	0,000	66,210	129,920	57498,310	-57368,390
984+0,00	0,000	3,620	0,000	67,070	129,920	57565,380	-57435,460
985+0,00	0,000	3,030	0,000	66,510	129,920	57631,890	-57501,970
986+0,00	0,000	2,970	0,000	59,970	129,920	57691,860	-57561,940
987+0,00	0,000	2,810	0,000	57,720	129,920	57749,570	-57619,650
988+0,00	0,000	2,930	0,000	57,390	129,920	57806,960	-57677,040
989+0,00	0,000	3,310	0,000	62,430	129,920	57869,390	-57739,470
990+0,00	0,000	3,180	0,000	64,890	129,920	57934,280	-57804,360
991+0,00	0,000	3,000	0,000	61,830	129,920	57996,120	-57866,200
992+0,00	0,000	2,420	0,000	54,370	129,920	58050,490	-57920,570
993+0,00	0,020	1,710	0,180	41,390	130,100	58091,870	-57961,770
994+0,00	0,000	2,020	0,180	37,300	130,270	58129,180	-57998,910
995+0,00	0,000	2,790	0,000	48,040	130,270	58177,220	-58046,950
996+0,00	0,000	3,160	0,000	59,490	130,270	58236,710	-58106,440
997+0,00	0,000	2,590	0,000	57,470	130,270	58294,180	-58163,910
998+0,00	0,000	2,880	0,000	54,600	130,270	58348,780	-58218,510
999+0,00	0,000	3,460	0,000	63,410	130,270	58412,200	-58281,930
1000+0,00	0,000	3,530	0,000	69,970	130,270	58482,170	-58351,900
1001+0,00	0,000	3,630	0,000	71,620	130,270	58553,780	-58423,510
1002+0,00	0,000	2,640	0,000	62,650	130,270	58616,430	-58486,160
1003+0,00	0,000	2,440	0,000	50,820	130,270	58667,250	-58536,980
1004+0,00	0,000	2,540	0,000	49,780	130,270	58717,030	-58586,760
1005+0,00	0,000	3,630	0,000	61,730	130,270	58778,770	-58648,500
1006+0,00	0,000	3,270	0,000	68,970	130,270	58847,730	-58717,460
1007+0,00	0,000	3,410	0,000	66,750	130,270	58914,480	-58784,210
1008+0,00	0,000	2,830	0,000	62,370	130,270	58976,850	-58846,580
1009+0,00	0,000	2,680	0,000	55,060	130,270	59031,910	-58901,640
1010+0,00	0,000	3,500	0,000	61,430	130,270	59093,340	-58963,070
1011+0,00	0,000	3,280	0,000	67,840	130,270	59161,180	-59030,910
1012+0,00	0,000	4,030	0,000	73,170	130,270	59234,350	-59104,080
1013+0,00	0,210	2,870	2,170	67,830	132,440	59302,180	-59169,740
1014+0,00	0,210	3,210	4,170	60,800	136,620	59362,970	-59226,350

Osvaldo Leôncio da Silva [illegible]
Diretor da Unidade de Programas
Projetos e Obras - DEPRO
Secretaria de [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)
1015+0,00	0,590	2,200	7,980	54,110	144,590	59417,080	-59272,490
1016+0,00	0,160	3,290	7,800	53,600	152,390	59470,690	-59318,300
1017+0,00	0,140	2,920	3,020	62,010	155,410	59532,700	-59377,290
1018+0,00	0,130	2,630	2,780	54,900	158,190	59587,600	-59429,410
1019+0,00	0,000	4,150	1,330	67,820	159,520	59655,410	-59495,890
1020+0,00	0,090	1,750	0,880	59,050	160,400	59714,460	-59554,060
1021+0,00	0,000	2,870	0,880	46,220	161,280	59760,680	-59599,400
1022+0,00	0,000	3,520	0,000	63,790	161,280	59824,470	-59663,190
1023+0,00	0,000	3,080	0,000	65,970	161,280	59890,440	-59729,160
1024+0,00	0,000	2,990	0,000	60,730	161,280	59951,160	-59789,880
1025+0,00	0,000	2,820	0,000	58,160	161,280	60009,320	-59848,040
1026+0,00	0,000	2,960	0,000	57,850	161,280	60067,170	-59905,890
1027+0,00	0,000	2,400	0,000	53,820	161,280	60120,990	-59959,710
1028+0,00	0,000	2,730	0,000	51,680	161,280	60172,680	-60011,400
1029+0,00	0,000	3,100	0,000	58,260	161,280	60230,930	-60069,650
1030+0,00	0,000	2,910	0,000	60,360	161,280	60291,290	-60130,010
1031+0,00	0,000	3,100	0,000	60,150	161,280	60351,440	-60190,160
1032+0,00	0,000	3,230	0,000	63,290	161,280	60414,730	-60253,450
1033+0,00	0,000	3,300	0,000	65,280	161,280	60480,010	-60318,730
1034+0,00	0,000	3,560	0,000	68,580	161,280	60548,590	-60387,310
1035+0,00	0,000	2,970	0,000	65,330	161,280	60613,920	-60452,640
1036+0,00	0,000	2,890	0,000	58,580	161,280	60672,500	-60511,220
1037+0,00	0,000	2,910	0,000	57,960	161,280	60730,460	-60569,180
1038+0,00	0,000	2,980	0,000	58,910	161,280	60789,370	-60628,090
1039+0,00	0,000	2,960	0,000	59,420	161,280	60848,790	-60687,510
1040+0,00	0,000	2,810	0,000	57,700	161,280	60906,490	-60745,210
1041+0,00	0,000	2,940	0,000	57,530	161,280	60964,020	-60802,740
1042+0,00	0,000	3,080	0,000	60,320	161,280	61024,340	-60863,060
1043+0,00	0,000	3,050	0,000	61,260	161,280	61085,610	-60924,330
1044+0,00	0,000	3,090	0,000	61,380	161,280	61146,980	-60985,700
1045+0,00	0,000	3,290	0,000	63,800	161,280	61210,780	-61049,500
1046+0,00	0,000	3,280	0,000	65,740	161,280	61276,520	-61115,240
1047+0,00	0,000	3,380	0,000	66,350	161,280	61342,870	-61181,590
1048+0,00	0,000	3,320	0,000	66,970	161,280	61409,830	-61248,550
1049+0,00	0,000	2,600	0,000	59,210	161,280	61469,040	-61307,760
1050+0,00	0,000	2,410	0,000	49,880	161,280	61518,930	-61357,650
1051+0,00	0,000	2,790	0,000	51,490	161,280	61570,420	-61409,140
1052+0,00	0,000	2,470	0,000	52,590	161,280	61623,010	-61461,730
1053+0,00	0,000	2,700	0,000	51,470	161,280	61674,480	-61513,200
1054+0,00	0,000	3,000	0,000	56,730	161,280	61731,200	-61569,920
1055+0,00	0,000	2,960	0,000	59,620	161,280	61790,830	-61629,550
1056+0,00	0,000	2,930	0,000	59,000	161,280	61849,830	-61688,550
1057+0,00	0,000	3,420	0,000	63,480	161,280	61913,310	-61752,030
1058+0,00	0,000	3,100	0,000	65,200	161,280	61978,500	-61817,220
1059+0,00	0,000	2,940	0,000	60,360	161,280	62038,870	-61877,590
1060+0,00	0,000	3,480	0,000	64,180	161,280	62103,040	-61941,760
1061+0,00	0,000	4,140	0,000	76,150	161,280	62179,200	-62017,920
1062+0,00	0,000	4,670	0,000	88,080	161,280	62267,270	-62105,990
1063+0,00	0,000	3,530	0,000	82,000	161,280	62349,270	-62187,990
1064+0,00	0,000	1,880	0,000	54,070	161,280	62403,340	-62242,060
1065+0,00	0,000	3,800	0,000	56,730	161,280	62460,070	-62298,790
1066+0,00	0,000	3,950	0,000	77,460	161,280	62537,540	-62376,260
1067+0,00	0,000	3,790	0,000	77,430	161,280	62614,970	-62453,690
1068+0,00	0,000	3,250	0,000	70,390	161,280	62685,360	-62524,080
1069+0,00	0,000	2,790	0,000	60,370	161,280	62745,730	-62584,450
1070+0,00	0,000	2,310	0,000	51,050	161,280	62796,780	-62635,500
1071+0,00	0,000	3,020	0,000	53,360	161,280	62850,150	-62688,870
1072+0,00	0,000	3,350	0,000	63,700	161,280	62913,850	-62752,570
1073+0,00	0,000	2,750	0,000	60,950	161,280	62974,800	-62813,520
1074+0,00	0,000	2,210	0,000	49,610	161,280	63024,410	-62863,130
1075+0,00	0,000	2,620	0,000	48,360	161,280	63072,780	-62911,500
1076+0,00	0,000	2,480	0,000	51,050	161,280	63123,830	-62962,550
1077+0,00	0,000	2,970	0,000	54,680	161,280	63178,510	-63017,230
1078+0,00	0,000	3,240	0,000	62,130	161,280	63240,640	-63079,360

Osvaldo Leôncio da Silva
Diretor da Unidade de Programação
Projetos e Obras - DUPRO
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)
1079+0,00	0,000	3,040	0,000	62,760	161,280	63303,400	-63142,120
1080+0,00	0,000	3,160	0,000	61,960	161,280	63365,360	-63204,080
1081+0,00	0,000	4,720	0,000	78,820	161,280	63444,170	-63282,890
1082+0,00	0,000	4,360	0,000	91,840	161,280	63536,010	-63374,730
1083+0,00	0,000	3,330	0,000	77,320	161,280	63613,330	-63452,050
1084+0,00	0,000	1,990	0,000	53,560	161,280	63666,890	-63505,610
1085+0,00	0,000	2,220	0,000	42,260	161,280	63709,150	-63547,870
1086+0,00	0,000	2,670	0,000	48,850	161,280	63758,000	-63596,720
1087+0,00	0,000	3,700	0,000	63,690	161,280	63821,700	-63660,420
1088+0,00	0,000	2,840	0,000	65,410	161,280	63887,100	-63725,820
1089+0,00	0,000	2,930	0,000	57,690	161,280	63944,790	-63783,510
1090+0,00	0,000	3,030	0,000	59,620	161,280	64004,410	-63843,130
1091+0,00	0,000	3,500	0,000	65,340	161,280	64069,760	-63908,480
1092+0,00	0,000	2,920	0,000	64,160	161,280	64133,910	-63972,630
1093+0,00	0,000	3,040	0,000	59,540	161,280	64193,460	-64032,180
1094+0,00	0,000	2,690	0,000	57,250	161,280	64250,710	-64089,430
1095+0,00	0,000	3,220	0,000	58,620	161,280	64309,320	-64148,040
1096+0,00	0,000	3,120	0,000	62,610	161,280	64371,930	-64210,650
1097+0,00	0,000	4,070	0,000	71,900	161,280	64443,830	-64282,550
1098+0,00	0,060	3,150	0,560	71,990	161,840	64515,820	-64353,980
1099+0,00	0,070	2,970	1,260	61,240	163,110	64577,070	-64413,960
1100+0,00	0,140	3,060	2,140	60,250	165,250	64637,320	-64472,070
1101+0,00	1,100	1,000	12,430	40,510	177,670	64677,830	-64500,160
1102+0,00	0,290	2,150	14,100	31,180	191,770	64709,010	-64517,240
1103+0,00	0,220	2,700	5,160	48,520	196,930	64757,530	-64560,600
1104+0,00	0,170	2,090	3,940	47,910	200,880	64805,440	-64604,560
1105+0,00	0,000	4,240	1,710	63,260	202,590	64868,700	-64666,110
1106+0,00	0,000	3,580	0,000	77,630	202,590	64946,340	-64743,750
1107+0,00	0,000	3,300	0,000	68,810	202,590	65015,150	-64812,560
1108+0,00	0,000	1,710	0,000	50,040	202,590	65065,180	-64862,590
1109+0,00	0,000	3,960	0,000	56,790	202,590	65121,980	-64919,390
1110+0,00	0,000	3,340	0,000	73,020	202,590	65195,000	-64992,410
1111+0,00	0,000	3,060	0,000	64,030	202,590	65259,020	-65056,430
1112+0,00	0,000	3,230	0,000	62,870	202,590	65321,890	-65119,300
1113+0,00	0,000	3,430	0,000	66,550	202,590	65388,440	-65185,850
1114+0,00	0,000	3,000	0,000	64,240	202,590	65452,680	-65250,090
1115+0,00	0,000	3,710	0,000	67,030	202,590	65519,710	-65317,120
1116+0,00	0,000	3,600	0,000	73,090	202,590	65592,800	-65390,210
1117+0,00	0,000	2,280	0,000	58,880	202,590	65651,690	-65449,100
1118+0,00	0,000	2,630	0,000	49,190	202,590	65700,870	-65498,280
1119+0,00	0,000	3,300	0,000	59,360	202,590	65760,240	-65557,650
1120+0,00	0,000	3,150	0,000	64,570	202,590	65824,800	-65622,210
1121+0,00	0,000	2,470	0,000	56,330	202,590	65881,140	-65678,550
1122+0,00	0,000	2,800	0,000	52,860	202,590	65933,990	-65731,400
1123+0,00	0,000	3,710	0,000	65,340	202,590	65999,330	-65796,740
1124+0,00	0,000	4,050	0,000	77,860	202,590	66077,200	-65874,610
1125+0,00	0,000	3,380	0,000	74,340	202,590	66151,540	-65948,950
1126+0,00	0,000	2,390	0,000	57,770	202,590	66209,300	-66006,710
1127+0,00	0,000	1,750	0,000	41,230	202,590	66250,530	-66047,940
1128+0,00	0,000	4,030	0,000	57,720	202,590	66308,250	-66105,660
1129+0,00	0,000	3,260	0,000	72,810	202,590	66381,060	-66178,470
1130+0,00	0,000	2,950	0,000	62,060	202,590	66443,120	-66240,530
1131+0,00	0,000	3,140	0,000	60,890	202,590	66504,010	-66301,420
1132+0,00	0,000	3,140	0,000	62,760	202,590	66566,770	-66364,180
1133+0,00	0,000	3,090	0,000	62,360	202,590	66629,130	-66426,540
1134+0,00	0,000	3,430	0,000	65,190	202,590	66694,320	-66491,730
1135+0,00	0,000	2,880	0,000	62,990	202,590	66757,310	-66554,720
1136+0,00	0,170	1,470	1,710	43,470	204,300	66800,780	-66596,480
1137+0,00	2,390	0,200	25,600	16,700	229,900	66817,470	-66587,570
1138+0,00	0,340	3,060	27,230	32,770	257,130	66850,240	-66593,110
1139+0,00	0,060	2,940	3,990	60,050	261,130	66910,300	-66649,170
1140+0,00	0,090	2,430	1,470	53,690	262,590	66963,990	-66701,400
1141+0,00	0,330	2,560	4,190	49,890	266,780	67013,880	-66747,100
1142+0,00	0,210	3,060	5,340	56,230	272,120	67070,110	-66797,990

Osvaldo Leôncio da Silva Filho
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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)
1143+0,00	0,000	2,820	2,060	58,770	274,190	67128,880	-66854,690
1144+0,00	0,000	1,700	0,000	45,210	274,190	67174,090	-66899,900
1145+0,00	0,000	2,540	0,000	42,390	274,190	67216,480	-66942,290
1146+0,00	0,000	2,510	0,000	50,360	274,190	67266,840	-66992,650
1147+0,00	0,000	2,020	0,000	45,210	274,190	67312,040	-67037,850
1148+0,00	0,000	1,180	0,000	31,940	274,190	67343,990	-67069,800
1149+0,00	0,000	1,740	0,000	29,160	274,190	67373,150	-67098,960
1150+0,00	0,000	2,710	0,000	44,390	274,190	67417,540	-67143,350
1151+0,00	0,000	3,300	0,000	60,060	274,190	67477,600	-67203,410
1152+0,00	0,020	1,840	0,170	50,910	274,360	67528,510	-67254,150
1153+0,00	0,000	3,120	0,170	49,620	274,520	67578,130	-67303,610
1154+0,00	0,000	3,260	0,000	63,680	274,520	67641,800	-67367,280
1155+0,00	0,000	2,950	0,000	62,150	274,520	67703,950	-67429,430
1156+0,00	0,000	2,440	0,000	53,910	274,520	67757,860	-67483,340
1157+0,00	0,000	3,350	0,000	57,850	274,520	67815,710	-67541,190
1158+0,00	0,000	3,040	0,000	63,890	274,520	67879,600	-67605,080
1159+0,00	0,000	3,000	0,000	60,440	274,520	67940,040	-67665,520
1160+0,00	0,000	2,930	0,000	59,320	274,520	67999,350	-67724,830
1161+0,00	0,000	2,690	0,000	56,130	274,520	68055,490	-67780,970
1162+0,00	0,000	2,810	0,000	54,970	274,520	68110,460	-67835,940
1163+0,00	0,000	2,340	0,050	51,500	274,570	68161,950	-67887,380
1164+0,00	0,040	2,440	0,430	47,810	275,000	68209,770	-67934,770
1165+0,00	0,000	2,620	0,380	50,670	275,380	68260,440	-67985,060
1166+0,00	0,020	2,780	0,250	54,020	275,630	68314,460	-68038,830
1167+0,00	0,000	3,010	0,260	57,900	275,890	68372,350	-68096,460
1168+0,00	0,000	3,020	0,020	60,310	275,910	68432,670	-68156,760
1169+0,00	0,000	3,040	0,050	60,620	275,960	68493,290	-68217,330
1170+0,00	0,000	3,180	0,030	62,260	275,990	68555,550	-68279,560
1171+0,00	0,000	2,780	0,000	59,590	275,990	68615,140	-68339,150
1172+0,00	0,000	2,920	0,000	57,020	275,990	68672,160	-68396,170
1173+0,00	0,000	2,860	0,000	57,880	275,990	68730,040	-68454,050
1174+0,00	0,000	3,010	0,000	58,690	275,990	68788,730	-68512,740
1175+0,00	0,000	3,120	0,000	61,280	275,990	68850,010	-68574,020
1176+0,00	0,000	3,340	0,000	64,650	275,990	68914,660	-68638,670
1177+0,00	0,000	3,120	0,000	64,640	275,990	68979,300	-68703,310
1178+0,00	0,000	3,270	0,000	63,900	275,990	69043,200	-68767,210
1179+0,00	0,000	4,360	0,000	76,260	275,990	69119,460	-68843,470
1180+0,00	0,000	3,150	0,000	75,100	275,990	69194,550	-68918,560
1181+0,00	0,000	3,650	0,000	68,030	275,990	69262,580	-68986,590
1182+0,00	0,000	3,760	0,000	74,100	275,990	69336,680	-69060,690
1183+0,00	0,000	4,180	0,000	79,460	275,990	69416,140	-69140,150
1184+0,00	0,000	2,810	0,000	69,990	275,990	69486,130	-69210,140
1185+0,00	0,000	1,850	0,000	46,650	275,990	69532,770	-69256,780
1186+0,00	0,000	2,530	0,000	43,840	275,990	69576,610	-69300,620
1187+0,00	0,000	3,010	0,000	55,460	275,990	69632,070	-69356,080
1188+0,00	0,000	3,000	0,000	60,170	275,990	69692,240	-69416,250
1189+0,00	0,000	2,700	0,000	57,060	275,990	69749,300	-69473,310
1190+0,00	0,000	2,110	0,000	48,140	275,990	69797,440	-69521,450
1191+0,00	0,000	2,520	0,000	46,350	275,990	69843,800	-69567,810
1192+0,00	0,000	2,920	0,000	54,280	275,990	69898,080	-69622,090
1193+0,00	0,000	3,490	0,000	64,050	275,990	69962,130	-69686,140
1194+0,00	0,000	2,430	0,000	59,630	275,990	70021,750	-69745,760
1195+0,00	0,000	3,190	0,000	56,160	275,990	70077,910	-69801,920
1196+0,00	0,000	2,870	0,020	60,550	276,010	70138,460	-69862,450
1197+0,00	0,020	2,760	0,200	56,250	276,210	70194,710	-69918,500
1198+0,00	0,250	2,690	2,680	54,470	278,890	70249,180	-69970,290
1199+0,00	0,240	2,950	4,930	56,410	283,820	70305,590	-70021,770
1200+0,00	0,180	3,240	4,090	62,860	287,910	70368,450	-70080,540
1201+0,00	0,100	3,260	2,630	66,260	290,540	70434,710	-70144,170
1202+0,00	0,020	3,870	1,150	71,280	291,690	70505,980	-70214,290
1203+0,00	0,010	4,300	0,270	81,730	291,960	70587,710	-70295,750
1204+0,00	0,110	3,220	1,230	74,880	293,190	70662,590	-70369,400
1205+0,00	0,090	3,300	2,020	65,200	295,210	70727,790	-70432,580
1206+0,00	0,390	2,720	4,800	60,150	300,010	70787,940	-70487,930

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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)
1207+0,00	0,400	2,770	7,780	55,240	307,790	70843,180	-70535,390
1208+0,00	0,180	3,350	5,810	61,190	313,600	70904,370	-70590,770
1209+0,00	0,130	3,940	3,190	72,950	316,790	70977,330	-70660,540
1210+0,00	0,430	2,820	5,720	67,270	322,510	71044,600	-70722,090
1211+0,00	0,560	2,160	9,890	49,870	332,400	71094,470	-70762,070
1212+0,00	0,580	2,180	11,370	43,470	343,760	71137,940	-70794,180
1213+0,00	0,470	2,250	10,470	44,370	354,230	71182,310	-70828,080
1214+0,00	0,170	2,140	6,550	43,390	360,780	71225,710	-70864,930
1215+0,00	0,130	1,800	3,040	39,360	363,820	71265,070	-70901,250
1216+0,00	0,000	2,070	1,330	38,410	365,150	71303,480	-70938,330
1217+0,00	0,000	2,810	0,000	48,790	365,150	71352,270	-70987,120
1218+0,00	0,000	3,050	0,000	58,540	365,150	71410,810	-71045,660
1219+0,00	0,000	3,780	0,000	68,240	365,150	71479,040	-71113,890
1220+0,00	0,000	2,460	0,000	62,400	365,150	71541,440	-71176,290
1221+0,00	0,000	3,470	0,000	59,350	365,150	71600,790	-71235,640
1222+0,00	0,000	3,750	0,000	72,280	365,150	71673,070	-71307,920
1223+0,00	0,000	3,300	0,000	70,430	365,150	71743,500	-71378,350
1224+0,00	0,000	2,940	0,000	62,330	365,150	71805,830	-71440,680
1225+0,00	0,000	3,120	0,000	60,540	365,150	71866,370	-71501,220
1226+0,00	0,000	3,270	0,000	64,070	365,150	71930,440	-71565,290
1227+0,00	0,000	3,220	0,000	64,850	365,150	71995,290	-71630,140
1228+0,00	0,000	3,060	0,000	63,270	365,150	72058,560	-71693,410
1229+0,00	0,000	3,050	0,000	61,130	365,150	72119,690	-71754,540
1230+0,00	0,000	3,030	0,000	60,840	365,150	72180,530	-71815,380
1231+0,00	0,000	2,980	0,000	60,170	365,150	72240,700	-71875,550
1232+0,00	0,000	3,020	0,000	60,070	365,150	72300,770	-71935,620
1233+0,00	0,000	3,090	0,000	61,170	365,150	72361,950	-71996,800
1234+0,00	0,000	3,340	0,000	64,310	365,150	72426,260	-72061,110
1235+0,00	0,000	3,040	0,000	63,740	365,150	72490,000	-72124,850
1236+0,00	0,000	3,130	0,000	61,580	365,150	72551,580	-72186,430
1237+0,00	0,000	3,460	0,000	65,920	365,150	72617,510	-72252,360
1238+0,00	0,000	2,640	0,000	61,060	365,150	72678,560	-72313,410
1239+0,00	0,000	2,370	0,000	50,160	365,150	72728,720	-72363,570
1240+0,00	0,000	2,260	0,000	46,360	365,150	72775,080	-72409,930
1241+0,00	0,000	2,640	0,000	49,080	365,150	72824,170	-72459,020
1242+0,00	0,000	1,950	0,000	45,990	365,150	72870,160	-72505,010
1243+0,00	0,000	2,720	0,000	46,700	365,150	72916,860	-72551,710
1244+0,00	0,000	3,200	0,000	59,160	365,150	72976,020	-72610,870
1245+0,00	0,000	3,070	0,000	62,700	365,150	73038,720	-72673,570
1246+0,00	0,000	3,050	0,000	61,220	365,150	73099,940	-72734,790
1247+0,00	0,000	3,050	0,000	60,930	365,150	73160,860	-72795,710
1248+0,00	0,000	2,510	0,000	55,580	365,150	73216,440	-72851,290
1249+0,00	0,000	2,140	0,000	46,410	365,150	73262,850	-72897,700
1250+0,00	0,000	2,650	0,000	47,810	365,150	73310,660	-72945,510
1251+0,00	0,000	2,700	0,000	53,840	365,150	73364,490	-72999,340
1252+0,00	0,030	1,090	0,250	37,880	365,400	73402,370	-73036,970
1253+0,00	0,000	2,580	0,260	36,570	365,660	73438,950	-73073,290
1254+0,00	0,000	4,170	0,000	67,380	365,660	73506,320	-73140,660
1255+0,00	0,000	3,590	0,000	77,600	365,660	73583,920	-73218,260
1256+0,00	0,000	2,920	0,000	65,110	365,660	73649,030	-73283,370
1257+0,00	0,000	2,850	0,000	57,640	365,660	73706,670	-73341,010
1258+0,00	0,000	2,840	0,000	56,880	365,660	73763,550	-73397,890
1259+0,00	0,000	2,860	0,000	56,990	365,660	73820,540	-73454,880
1260+0,00	0,000	2,850	0,000	57,040	365,660	73877,580	-73511,920
1261+0,00	0,000	3,510	0,000	63,560	365,660	73941,140	-73575,480
1262+0,00	0,000	3,760	0,000	72,700	365,660	74013,840	-73648,180
1263+0,00	0,000	3,730	0,000	74,940	365,660	74088,780	-73723,120
1264+0,00	0,000	3,020	0,000	67,550	365,660	74156,320	-73790,660
1265+0,00	0,000	2,420	0,000	54,410	365,660	74210,730	-73845,070
1266+0,00	0,000	2,740	0,000	51,430	365,660	74262,160	-73896,500
1267+0,00	0,000	3,010	0,000	57,520	365,660	74319,680	-73954,020
1268+0,00	0,000	3,790	0,000	67,940	365,660	74387,630	-74021,970
1269+0,00	0,000	3,500	0,000	72,890	365,660	74460,520	-74094,860
1270+0,00	0,000	3,640	0,000	71,650	365,660	74532,170	-74166,510

Osvaldo Leôncio da Silva Filho
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Projetos e Obras - DUPOP
Secretaria de

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1271+0,00	0,000	2,510	0,000	61,530	365,660	74593,700	-74228,040
1272+0,00	0,000	1,970	0,000	44,750	365,660	74638,460	-74272,800
1273+0,00	0,000	2,240	0,000	41,990	365,660	74680,450	-74314,790
1274+0,00	0,000	3,010	0,000	52,560	365,660	74733,010	-74367,350
1275+0,00	0,000	3,510	0,000	65,270	365,660	74798,280	-74432,620
1276+0,00	0,000	3,500	0,000	70,120	365,660	74868,400	-74502,740
1277+0,00	0,000	2,870	0,000	63,670	365,660	74932,070	-74566,410
1278+0,00	0,000	3,330	0,000	62,020	365,660	74994,090	-74628,430
1279+0,00	0,000	3,370	0,000	67,070	365,660	75061,160	-74695,500
1280+0,00	0,000	3,790	0,000	71,590	365,660	75132,740	-74767,080
1281+0,00	0,000	3,680	0,000	74,630	365,660	75207,370	-74841,710
1282+0,00	0,000	4,040	0,000	77,210	365,660	75284,590	-74918,930
1283+0,00	0,000	1,720	0,000	57,630	365,660	75342,220	-74976,560
1284+0,00	0,030	1,220	0,310	29,430	365,970	75371,650	-75005,680
1285+0,00	0,000	0,460	0,310	16,830	366,280	75388,470	-75022,190
1286+0,00	0,000	1,910	0,000	23,740	366,280	75412,210	-75045,930
1287+0,00	0,000	2,870	0,000	47,890	366,280	75460,100	-75093,820
1288+0,00	0,000	3,000	0,000	58,700	366,280	75518,800	-75152,520
1289+0,00	0,000	2,340	0,000	53,360	366,280	75572,160	-75205,880
1290+0,00	0,000	1,770	0,000	41,180	366,280	75613,340	-75247,060
1291+0,00	0,000	2,930	0,000	46,990	366,280	75660,330	-75294,050
1292+0,00	0,000	2,960	0,000	58,840	366,280	75719,180	-75352,900
1293+0,00	0,000	2,970	0,000	59,280	366,280	75778,450	-75412,170
1294+0,00	0,000	2,980	0,000	59,600	366,280	75838,050	-75471,770
1295+0,00	0,000	2,540	0,000	55,200	366,280	75893,250	-75526,970
1296+0,00	0,000	2,110	0,000	46,470	366,280	75939,720	-75573,440
1297+0,00	0,000	2,070	0,000	41,810	366,280	75981,530	-75615,250
1298+0,00	0,000	2,330	0,000	44,050	366,280	76025,580	-75659,300
1299+0,00	0,000	2,770	0,000	51,000	366,280	76076,580	-75710,300
1300+0,00	0,000	3,140	0,000	59,090	366,280	76135,680	-75769,400
1301+0,00	0,000	3,660	0,000	68,020	366,280	76203,700	-75837,420
1302+0,00	0,000	4,210	0,000	78,700	366,280	76282,400	-75916,120
1303+0,00	0,000	4,850	0,000	90,600	366,280	76373,000	-76006,720
1304+0,00	0,000	3,800	0,000	86,520	366,280	76459,530	-76093,250
1305+0,00	0,000	4,440	0,000	82,370	366,280	76541,900	-76175,620
1306+0,00	0,000	3,380	0,000	78,160	366,280	76620,060	-76253,780
1307+0,00	0,000	2,920	0,000	63,030	366,280	76683,090	-76316,810
1308+0,00	0,000	2,880	0,000	58,020	366,280	76741,110	-76374,830
1309+0,00	0,000	2,930	0,000	58,040	366,280	76799,160	-76432,880
1310+0,00	0,000	2,930	0,000	58,540	366,280	76857,700	-76491,420
1311+0,00	0,000	2,910	0,000	58,370	366,280	76916,070	-76549,790
1312+0,00	0,000	3,400	0,000	63,080	366,280	76979,140	-76612,860
1313+0,00	0,000	4,270	0,000	76,680	366,280	77055,830	-76689,550
1314+0,00	0,000	4,020	0,000	82,900	366,280	77138,730	-76772,450
1315+0,00	0,000	2,200	0,000	62,220	366,280	77200,950	-76834,670
1316+0,00	0,000	2,040	0,000	42,460	366,280	77243,410	-76877,130
1317+0,00	0,000	2,800	0,000	48,470	366,280	77291,880	-76925,600
1318+0,00	0,000	3,660	0,000	64,390	366,280	77356,270	-76989,990
1319+0,00	0,000	3,160	0,000	67,860	366,280	77424,140	-77057,860
1320+0,00	0,000	2,640	0,000	57,990	366,280	77482,130	-77115,850
1321+0,00	0,000	2,930	0,000	54,980	366,280	77537,110	-77170,830
1322+0,00	0,000	2,680	0,000	55,660	366,280	77592,770	-77226,490
1323+0,00	0,000	3,140	0,000	57,570	366,280	77650,330	-77284,050
1324+0,00	0,020	2,780	0,250	59,170	366,530	77709,500	-77342,970
1325+0,00	0,010	2,600	0,350	53,670	366,880	77763,170	-77396,290
1326+0,00	0,040	2,320	0,460	49,190	367,340	77812,350	-77445,010
1327+0,00	0,040	2,450	0,750	47,660	368,090	77860,010	-77491,920
1328+0,00	0,020	2,570	0,620	50,190	368,710	77910,200	-77541,490
1329+0,00	0,020	2,410	0,480	49,700	369,190	77959,900	-77590,710
1330+0,00	0,010	2,690	0,300	51,020	369,490	78010,910	-77641,420
1331+0,00	0,000	2,870	0,050	55,650	369,540	78066,560	-77697,020
1332+0,00	0,000	2,910	0,000	57,810	369,540	78124,370	-77754,830
1333+0,00	0,000	2,620	0,000	55,320	369,540	78179,690	-77810,150
1334+0,00	0,000	2,820	0,000	54,400	369,540	78234,090	-77864,550

Osvaldo Leôncio da Silva Filho
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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)
1335+0,00	0,000	2,990	0,000	58,110	369,540	78292,200	-77922,660
1336+0,00	0,000	2,700	0,000	56,830	369,540	78349,030	-77979,490
1337+0,00	0,000	2,620	0,000	53,070	369,540	78402,100	-78032,560
1338+0,00	0,000	2,430	0,000	50,470	369,540	78452,570	-78083,030
1339+0,00	0,000	2,160	0,000	45,850	369,540	78498,420	-78128,880
1340+0,00	0,000	3,050	0,000	52,070	369,540	78550,490	-78180,950
1341+0,00	0,000	2,920	0,000	59,730	369,540	78610,230	-78240,690
1342+0,00	0,000	2,700	0,000	56,240	369,540	78666,470	-78296,930
1343+0,00	0,000	2,530	0,000	52,210	369,540	78718,680	-78349,140
1344+0,00	0,000	2,990	0,000	55,190	369,540	78773,860	-78404,320
1345+0,00	0,000	1,860	0,020	48,500	369,550	78822,360	-78452,810
1346+0,00	0,010	1,430	0,140	32,910	369,690	78855,270	-78485,580
1347+0,00	0,000	2,190	0,120	36,070	369,810	78891,340	-78521,530
1348+0,00	0,000	2,610	0,000	48,040	369,810	78939,380	-78569,570
1349+0,00	0,000	2,750	0,000	53,560	369,810	78992,940	-78623,130
1350+0,00	0,070	1,170	0,710	39,170	370,520	79032,110	-78661,590
1351+0,00	0,000	1,860	0,710	30,300	371,240	79062,410	-78691,170
1352+0,00	0,000	1,910	0,000	37,730	371,240	79100,140	-78728,900
1353+0,00	0,000	1,290	0,010	32,030	371,250	79132,180	-78760,930
1354+0,00	0,000	1,590	0,010	28,790	371,260	79160,970	-78789,710
1355+0,00	0,000	3,000	0,000	45,940	371,260	79206,900	-78835,640
1356+0,00	0,000	2,840	0,000	58,410	371,260	79265,310	-78894,050
1357+0,00	0,000	2,190	0,000	50,330	371,260	79315,640	-78944,380
1358+0,00	0,030	0,780	0,280	29,740	371,540	79345,380	-78973,840
1359+0,00	0,000	1,340	0,280	21,240	371,810	79366,610	-78994,800
1360+0,00	0,130	0,830	1,320	21,710	373,140	79388,330	-79015,190
1361+0,00	0,000	2,410	1,320	32,430	374,460	79420,750	-79046,290
1362+0,00	0,000	4,640	0,000	70,570	374,460	79491,330	-79116,870
1363+0,00	0,000	3,100	0,000	77,470	374,460	79568,800	-79194,340
1364+0,00	0,000	2,390	0,000	54,900	374,460	79623,700	-79249,240
1365+0,00	0,000	2,960	0,000	53,450	374,460	79677,150	-79302,690
1366+0,00	0,000	2,950	0,000	59,130	374,460	79736,280	-79361,820
1367+0,00	0,000	3,020	0,000	59,940	374,460	79796,220	-79421,760
1368+0,00	0,590	1,200	5,890	42,190	380,350	79838,410	-79458,060
1369+0,00	0,000	2,170	5,850	33,890	386,200	79872,300	-79486,100
1370+0,00	1,610	0,680	16,120	28,460	402,320	79900,750	-79498,430
1371+0,00	1,190	0,240	27,950	9,180	430,260	79909,930	-79479,670
1372+0,00	0,030	3,000	12,160	32,360	442,420	79942,290	-79499,870
1373+0,00	0,000	4,620	0,260	76,200	442,680	80018,500	-79575,820
1374+0,00	0,000	5,360	0,000	100,030	442,680	80118,520	-79675,840
1375+0,00	0,760	3,250	7,570	86,040	450,250	80204,570	-79754,320
1376+0,00	0,570	3,650	13,330	68,740	463,590	80273,300	-79809,710
1377+0,00	0,630	4,010	12,020	76,650	475,600	80349,950	-79874,350
1378+0,00	0,730	3,710	13,680	77,250	489,290	80427,200	-79937,910
1379+0,00	0,770	2,420	15,130	61,140	504,420	80488,340	-79983,920
1380+0,00	3,240	0,330	40,130	27,490	544,540	80515,830	-79971,290
1381+0,00	0,100	2,850	33,410	31,810	577,950	80547,640	-79969,690
1382+0,00	0,040	2,970	1,400	58,190	579,350	80605,840	-80026,490
1383+0,00	0,000	2,950	0,440	59,190	579,790	80665,030	-80085,240
1384+0,00	0,000	2,980	0,040	59,270	579,830	80724,300	-80144,470
1385+0,00	0,000	3,100	0,000	60,900	579,830	80785,200	-80205,370
1386+0,00	0,000	2,800	0,000	59,080	579,830	80844,280	-80264,450
1387+0,00	0,000	3,310	0,000	61,150	579,830	80905,430	-80325,600
1388+0,00	0,000	3,240	0,000	65,500	579,830	80970,930	-80391,100
1389+0,00	0,000	4,830	0,000	80,720	579,830	81051,640	-80471,810
1390+0,00	0,000	3,540	0,000	83,650	579,830	81135,290	-80555,460
1391+0,00	0,000	3,070	0,000	66,060	579,830	81201,350	-80621,520
1392+0,00	0,000	2,940	0,000	60,120	579,830	81261,470	-80681,640
1393+0,00	0,000	1,880	0,000	48,270	579,830	81309,740	-80729,910
1394+0,00	0,000	1,230	0,000	31,190	579,830	81340,930	-80761,100
1395+0,00	0,000	1,120	0,000	23,520	579,830	81364,460	-80784,630
1396+0,00	0,020	0,570	0,170	16,870	580,000	81381,330	-80801,330
1397+0,00	0,000	2,840	0,170	34,060	580,170	81415,390	-80835,220
1398+0,00	0,000	3,320	0,000	61,600	580,170	81476,990	-80896,820

Osvaldo Leôncio da Silva [illegible]
Diretor da Unidade de Projetos
Projetos e Obras - DUPO
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)
1399+0,00	0,000	2,780	0,000	61,020	580,170	81538,010	-80957,840
1400+0,00	0,000	2,390	0,000	51,650	580,170	81589,660	-81009,490
1401+0,00	0,000	2,360	0,000	47,500	580,170	81637,160	-81056,990
1402+0,00	0,000	2,820	0,000	51,830	580,170	81688,980	-81108,810
1403+0,00	0,000	2,790	0,000	56,070	580,170	81745,060	-81164,890
1404+0,00	0,000	2,500	0,000	52,820	580,170	81797,880	-81217,710
1405+0,00	0,000	1,000	0,000	34,910	580,170	81832,790	-81252,620
1406+0,00	0,000	2,810	0,000	38,080	580,170	81870,870	-81290,700
1407+0,00	0,000	1,070	0,000	38,860	580,170	81909,730	-81329,560
1408+0,00	0,000	1,330	0,000	24,100	580,170	81933,840	-81353,670
1409+0,00	0,070	0,430	0,660	17,650	580,830	81951,480	-81370,650
1410+0,00	0,000	2,550	0,660	29,760	581,490	81981,240	-81399,750
1411+0,00	0,000	2,790	0,000	53,340	581,490	82034,580	-81453,090
1412+0,00	0,000	2,970	0,000	57,600	581,490	82092,180	-81510,690
1413+0,00	0,000	3,340	0,000	63,100	581,490	82155,270	-81573,780
1414+0,00	0,000	3,910	0,000	72,500	581,490	82227,770	-81646,280
1415+0,00	0,000	3,580	0,000	74,870	581,490	82302,640	-81721,150
1416+0,00	0,000	2,720	0,000	62,970	581,490	82365,610	-81784,120
1417+0,00	0,000	2,860	0,000	55,860	581,490	82421,480	-81839,990
1418+0,00	0,000	2,410	0,000	52,700	581,490	82474,180	-81892,690
1419+0,00	0,000	2,250	0,000	46,510	581,490	82520,690	-81939,200
1420+0,00	0,000	3,130	0,000	53,710	581,490	82574,400	-81992,910
1421+0,00	0,000	2,650	0,000	57,740	581,490	82632,140	-82050,650
1422+0,00	0,000	2,990	0,000	56,370	581,490	82688,510	-82107,020
1423+0,00	0,000	2,840	0,000	58,270	581,490	82746,770	-82165,280
1424+0,00	0,000	2,820	0,000	56,590	581,490	82803,370	-82221,880
1425+0,00	0,000	2,890	0,000	57,170	581,490	82860,540	-82279,050
1426+0,00	0,000	2,880	0,000	57,700	581,490	82918,240	-82336,750
1427+0,00	0,000	2,950	0,000	58,170	581,490	82976,410	-82394,920
1428+0,00	0,000	2,930	0,000	58,780	581,490	83035,190	-82453,700
1429+0,00	0,000	2,830	0,000	57,680	581,490	83092,880	-82511,390
1430+0,00	0,000	3,050	0,000	58,810	581,490	83151,690	-82570,200
1431+0,00	0,000	3,150	0,000	62,010	581,490	83213,700	-82632,210
1432+0,00	0,000	2,820	0,000	59,690	581,490	83273,390	-82691,900
1433+0,00	0,000	2,450	0,000	52,710	581,490	83326,100	-82744,610
1434+0,00	0,000	2,910	0,000	53,650	581,490	83379,750	-82798,260
1435+0,00	0,000	3,460	0,000	63,710	581,490	83443,460	-82861,970
1436+0,00	0,000	3,040	0,000	65,010	581,490	83508,470	-82926,980
1437+0,00	0,000	1,440	0,000	44,810	581,490	83553,280	-82971,790
1438+0,00	0,000	1,760	0,000	31,930	581,490	83585,210	-83003,720
1439+0,00	0,000	1,750	0,000	35,080	581,490	83620,290	-83038,800
1440+0,00	0,000	2,500	0,000	42,560	581,490	83662,840	-83081,350
1441+0,00	0,000	2,320	0,000	48,270	581,490	83711,120	-83129,630
1442+0,00	0,000	2,120	0,000	44,480	581,490	83755,600	-83174,110
1443+0,00	0,000	3,680	0,000	58,030	581,490	83813,630	-83232,140
1444+0,00	0,000	4,300	0,000	79,760	581,490	83893,390	-83311,900
1445+0,00	0,000	3,560	0,000	78,580	581,490	83971,960	-83390,470
1446+0,00	0,000	2,900	0,000	64,560	581,490	84036,520	-83455,030
1447+0,00	0,000	2,880	0,000	57,790	581,490	84094,310	-83512,820
1448+0,00	0,000	3,320	0,000	62,040	581,490	84156,350	-83574,860
1449+0,00	0,000	3,320	0,000	66,450	581,490	84222,800	-83641,310
1450+0,00	0,000	3,320	0,000	66,440	581,490	84289,240	-83707,750
1451+0,00	0,000	3,370	0,000	66,860	581,490	84356,100	-83774,610
1452+0,00	0,000	3,220	0,000	65,840	581,490	84421,930	-83840,440
1453+0,00	0,000	3,070	0,000	62,930	581,490	84484,860	-83903,370
1454+0,00	0,000	2,900	0,000	59,810	581,490	84544,670	-83963,180
1455+0,00	0,000	2,920	0,000	58,270	581,490	84602,940	-84021,450
1456+0,00	0,000	2,980	0,000	59,070	581,490	84662,010	-84080,520
1457+0,00	0,000	3,240	0,000	62,330	581,490	84724,340	-84142,850
1458+0,00	0,000	3,900	0,000	71,400	581,490	84795,740	-84214,250
1459+0,00	0,000	3,030	0,000	69,860	581,490	84865,590	-84284,100
1460+0,00	0,000	2,600	0,000	56,370	581,490	84921,960	-84340,470
1461+0,00	0,000	2,600	0,000	52,020	581,490	84973,980	-84392,490
1462+0,00	0,040	2,110	0,340	47,800	581,840	85021,780	-84439,940

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1463+0,00	0,000	3,020	0,350	51,710	582,190	85073,490	-84491,300
1464+0,00	0,010	3,140	0,100	61,720	582,280	85135,210	-84552,930
1465+0,00	0,020	3,140	0,300	62,500	582,580	85197,710	-84615,130
1466+0,00	0,160	2,380	1,760	55,120	584,340	85252,830	-84668,490
1467+0,00	0,140	2,260	3,010	46,390	587,340	85299,220	-84711,880
1468+0,00	0,000	3,090	1,530	52,870	588,870	85352,090	-84763,220
1469+0,00	0,070	1,990	0,770	50,890	589,640	85402,980	-84813,340
1470+0,00	0,000	3,080	0,730	50,770	590,380	85453,750	-84863,370
1471+0,00	0,000	2,910	0,000	59,900	590,380	85513,650	-84923,270
1472+0,00	0,000	2,710	0,000	56,110	590,380	85569,760	-84979,380
1473+0,00	0,000	2,890	0,000	56,010	590,380	85625,770	-85035,390
1474+0,00	0,000	2,850	0,000	57,450	590,380	85683,220	-85092,840
1475+0,00	0,000	3,340	0,000	61,990	590,380	85745,210	-85154,830
1476+0,00	0,000	2,890	0,000	62,330	590,380	85807,540	-85217,160
1477+0,00	0,000	2,520	0,000	54,130	590,380	85861,670	-85271,290
1478+0,00	0,000	3,400	0,000	59,280	590,380	85920,950	-85330,570
1479+0,00	0,000	3,390	0,000	67,950	590,380	85988,890	-85398,510
1480+0,00	0,000	2,560	0,000	59,540	590,380	86048,430	-85458,050
1481+0,00	0,000	1,260	0,000	38,240	590,380	86086,670	-85496,290
1482+0,00	0,000	0,960	0,000	22,170	590,380	86108,840	-85518,460
1483+0,00	0,000	1,840	0,000	28,000	590,380	86136,840	-85546,460
1484+0,00	0,000	2,460	0,000	43,060	590,380	86179,910	-85589,530
1485+0,00	0,000	3,420	0,000	58,880	590,380	86238,790	-85648,410
1486+0,00	0,000	2,870	0,000	62,940	590,380	86301,720	-85711,340
1487+0,00	0,000	3,140	0,000	60,080	590,380	86361,800	-85771,420
1488+0,00	0,000	2,720	0,000	58,560	590,380	86420,360	-85829,980
1489+0,00	0,000	3,100	0,000	58,180	590,380	86478,540	-85888,160
1490+0,00	0,000	3,110	0,000	62,050	590,380	86540,590	-85950,210
1491+0,00	0,000	3,000	0,000	61,070	590,380	86601,650	-86011,270
1492+0,00	0,030	2,210	0,350	51,930	590,730	86653,590	-86062,860
1493+0,00	0,110	1,530	1,460	37,440	592,190	86691,020	-86098,830
1494+0,00	0,000	2,560	1,110	40,900	593,300	86731,920	-86138,620
1495+0,00	0,000	2,430	0,000	49,840	593,300	86781,760	-86188,460
1496+0,00	0,000	7,100	0,000	95,220	593,300	86876,980	-86283,680
1497+0,00	0,000	9,190	0,000	162,880	593,300	87039,860	-86446,560
1498+0,00	0,000	7,670	0,000	168,620	593,300	87208,490	-86615,190
1499+0,00	0,000	7,690	0,000	153,420	593,300	87361,910	-86768,610
1500+0,00	2,430	0,460	24,340	81,500	617,650	87443,410	-86825,760
1501+0,00	4,620	0,170	70,590	6,260	688,230	87449,670	-86761,440
1502+0,00	2,680	1,840	73,030	20,120	761,260	87469,790	-86708,530
1503+0,00	1,630	3,070	43,130	49,110	804,390	87518,910	-86714,520
1504+0,00	0,460	3,310	20,900	63,800	825,290	87582,700	-86757,410
1505+0,00	0,400	3,680	8,600	69,890	833,890	87652,590	-86818,700
1506+0,00	0,520	3,260	9,150	69,510	843,040	87722,100	-86879,060
1507+0,00	0,860	2,520	13,790	57,780	856,830	87779,870	-86923,040
1508+0,00	0,440	3,480	13,000	59,990	869,820	87839,860	-86970,040
1509+0,00	0,060	4,590	4,930	80,670	874,760	87920,540	-87045,780
1510+0,00	0,000	4,170	0,560	88,120	875,320	88008,650	-87133,330
1511+0,00	0,000	3,020	0,000	71,910	875,320	88080,560	-87205,240
1512+0,00	0,000	1,840	0,000	48,570	875,320	88129,120	-87253,800
1513+0,00	0,000	2,480	0,000	43,350	875,320	88172,470	-87297,150
1514+0,00	0,000	2,450	0,000	49,290	875,320	88221,760	-87346,440
1515+0,00	0,000	2,690	0,000	51,350	875,320	88273,110	-87397,790
1516+0,00	0,000	3,540	0,000	62,480	875,320	88335,590	-87460,270
1517+0,00	0,000	4,100	0,000	76,450	875,320	88412,050	-87536,730
1518+0,00	0,000	3,100	0,000	72,000	875,320	88484,050	-87608,730
1519+0,00	0,000	3,270	0,000	63,680	875,320	88547,730	-87672,410
1520+0,00	0,000	3,580	0,000	68,550	875,320	88616,290	-87740,970
1521+0,00	0,000	2,420	0,000	60,020	875,320	88676,300	-87800,980
1522+0,00	0,000	2,510	0,000	49,310	875,320	88725,610	-87850,290
1523+0,00	0,000	3,190	0,000	56,940	875,320	88782,550	-87907,230
1524+0,00	0,000	3,730	0,000	69,210	875,320	88851,760	-87976,440
1525+0,00	0,000	3,870	0,000	76,000	875,320	88927,760	-88052,440
1526+0,00	0,000	3,250	0,000	71,050	875,320	88998,810	-88123,490

Osvaldo Leôncio da Silva Neto
Diretor da Unidade de Projetos
Projetos e Obras - DUPPO
Secretaria das Cidades (Sucid)

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	4,130	0,000	73,790	875,320	89072,600	-88197,280
1528+0,00	0,000	4,560	0,000	86,940	875,320	89159,530	-88284,210
1529+0,00	0,000	3,100	0,000	76,640	875,320	89236,170	-88360,850
1530+0,00	0,000	2,960	0,000	60,630	875,320	89296,810	-88421,490
1531+0,00	0,000	0,970	0,000	39,230	875,320	89336,040	-88460,720
1532+0,00	0,000	1,600	0,000	25,540	875,320	89361,580	-88486,260
1533+0,00	0,000	2,490	0,000	40,850	875,320	89402,430	-88527,110
1534+0,00	0,000	3,320	0,000	58,080	875,320	89460,510	-88585,190
1535+0,00	0,000	3,060	0,000	63,770	875,320	89524,280	-88648,960
1536+0,00	0,000	2,400	0,000	54,540	875,320	89578,820	-88703,500
1537+0,00	0,000	2,990	0,000	53,920	875,320	89632,740	-88757,420
1538+0,00	0,000	5,370	0,000	83,930	875,320	89716,670	-88841,350
1539+0,00	0,000	3,870	0,000	92,450	875,320	89809,120	-88933,800
1540+0,00	0,000	4,020	0,000	78,900	875,320	89888,020	-89012,700
1541+0,00	0,000	2,670	0,000	66,860	875,320	89954,870	-89079,550
1542+0,00	0,000	2,240	0,000	49,110	875,320	90003,990	-89128,670
1543+0,00	0,010	0,800	0,070	30,390	875,400	90034,380	-89158,980
1544+0,00	0,000	1,780	0,070	25,720	875,470	90060,100	-89184,630
1545+0,00	0,000	2,310	0,000	40,830	875,470	90100,930	-89225,460
1546+0,00	0,000	2,770	0,000	50,830	875,470	90151,760	-89276,290
1547+0,00	0,000	3,100	0,000	58,670	875,470	90210,430	-89334,960
1548+0,00	0,000	2,550	0,000	56,420	875,470	90266,850	-89391,380
1549+0,00	0,000	2,930	0,000	54,720	875,470	90321,570	-89446,100
1550+0,00	0,000	4,300	0,000	72,250	875,470	90393,820	-89518,350
1551+0,00	0,000	4,650	0,000	89,470	875,470	90483,280	-89607,810
1552+0,00	0,000	2,900	0,000	75,520	875,470	90558,800	-89683,330
1553+0,00	0,000	3,340	0,000	62,420	875,470	90621,220	-89745,750
1554+0,00	0,000	3,950	0,000	72,870	875,470	90694,090	-89818,620
1555+0,00	0,000	3,010	0,000	69,560	875,470	90763,650	-89888,180
1556+0,00	0,000	3,130	0,000	61,340	875,470	90824,990	-89949,520
1557+0,00	0,000	3,430	0,000	65,570	875,470	90890,560	-90015,090
1558+0,00	0,000	2,960	0,000	64,110	875,470	90954,670	-90079,200
1559+0,00	0,000	2,090	0,000	50,890	875,470	91005,560	-90130,090
1560+0,00	0,030	0,640	0,310	27,280	875,780	91032,840	-90157,060
1561+0,00	0,000	1,210	0,310	18,540	876,100	91051,380	-90175,280
1562+0,00	0,000	2,970	0,000	41,830	876,100	91093,200	-90217,100
1563+0,00	0,000	1,480	0,000	44,490	876,100	91137,690	-90261,590
1564+0,00	0,000	3,310	0,000	47,890	876,100	91185,590	-90309,490
1565+0,00	0,000	2,980	0,000	62,850	876,100	91248,440	-90372,340
1566+0,00	0,000	2,220	0,000	51,940	876,100	91300,380	-90424,280
1567+0,00	0,000	1,880	0,000	40,960	876,100	91341,330	-90465,230
1568+0,00	0,000	2,360	0,000	42,370	876,100	91383,700	-90507,600
1569+0,00	0,000	3,160	0,000	55,150	876,100	91438,850	-90562,750
1570+0,00	0,000	3,460	0,000	66,220	876,100	91505,070	-90628,970
1571+0,00	0,000	2,950	0,000	64,170	876,100	91569,240	-90693,140
1572+0,00	0,000	2,550	0,000	54,920	876,100	91624,160	-90748,060
1573+0,00	0,000	3,170	0,000	57,210	876,100	91681,370	-90805,270
1574+0,00	0,000	2,880	0,000	60,500	876,100	91741,870	-90865,770
1575+0,00	0,000	2,280	0,000	51,570	876,100	91793,440	-90917,340
1576+0,00	0,000	1,700	0,000	39,810	876,100	91833,260	-90957,160
1577+0,00	0,000	2,580	0,000	42,850	876,100	91876,110	-91000,010
1578+0,00	0,000	3,060	0,000	56,490	876,100	91932,600	-91056,500
1579+0,00	0,000	2,990	0,000	60,550	876,100	91993,150	-91117,050
1580+0,00	0,000	3,010	0,000	59,970	876,100	92053,120	-91177,020
1581+0,00	0,000	3,060	0,000	60,690	876,100	92113,810	-91237,710
1582+0,00	0,000	3,280	0,000	63,460	876,100	92177,270	-91301,170
1583+0,00	0,000	3,670	0,000	69,470	876,100	92246,740	-91370,640
1584+0,00	0,000	3,930	0,000	75,970	876,100	92322,710	-91446,610
1585+0,00	0,000	3,030	0,000	69,640	876,100	92392,360	-91516,260
1586+0,00	0,000	2,930	0,000	59,580	876,100	92451,930	-91575,830
1587+0,00	0,000	2,990	0,000	59,190	876,100	92511,130	-91635,030
1588+0,00	0,000	2,930	0,000	59,270	876,100	92570,390	-91694,290
1589+0,00	0,000	3,080	0,000	60,180	876,100	92630,570	-91754,470
1590+0,00	0,000	2,970	0,000	60,590	876,100	92691,160	-91815,060

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
Secretaria das Cidades (Sscid)

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	3,320	0,000	62,960	876,100	92754,120	-91878,020
1592+0,00	0,000	3,960	0,000	72,780	876,100	92826,900	-91950,800
1593+0,00	0,000	3,200	0,000	71,580	876,100	92898,490	-92022,390
1594+0,00	0,000	3,000	0,000	62,000	876,100	92960,490	-92084,390
1595+0,00	0,000	3,290	0,000	62,970	876,100	93023,450	-92147,350
1596+0,00	0,000	3,220	0,000	65,130	876,100	93088,580	-92212,480
1597+0,00	0,000	3,030	0,000	62,490	876,100	93151,070	-92274,970
1598+0,00	0,000	2,020	0,000	50,470	876,100	93201,540	-92325,440
1599+0,00	0,000	2,370	0,000	43,950	876,100	93245,480	-92369,380
1600+0,00	0,000	3,060	0,000	54,370	876,100	93299,850	-92423,750
1601+0,00	0,000	3,090	0,000	61,620	876,100	93361,470	-92485,370
1602+0,00	0,000	3,430	0,000	65,190	876,100	93426,660	-92550,560
1603+0,00	0,000	4,550	0,000	79,740	876,100	93506,400	-92630,300
1604+0,00	0,000	4,370	0,000	89,210	876,100	93595,600	-92719,500
1605+0,00	0,000	2,680	0,000	70,530	876,100	93666,130	-92790,030
1606+0,00	0,000	3,100	0,000	57,790	876,100	93723,920	-92847,820
1607+0,00	0,000	3,540	0,000	66,410	876,100	93790,330	-92914,230
1608+0,00	0,140	1,670	1,450	52,090	877,540	93842,420	-92964,880
1609+0,00	0,040	2,820	1,880	44,850	879,430	93887,270	-93007,840
1610+0,00	0,010	3,470	0,520	62,890	879,950	93950,160	-93070,210
1611+0,00	0,000	3,540	0,110	70,090	880,060	94020,250	-93140,190
1612+0,00	0,080	2,830	0,790	63,680	880,850	94083,930	-93203,080
1613+0,00	0,100	2,440	1,720	52,690	882,570	94136,620	-93254,050
1614+0,00	0,210	1,580	3,020	40,130	885,600	94176,750	-93291,150
1615+0,00	0,000	2,350	2,070	39,230	887,670	94215,980	-93328,310
1616+0,00	0,000	3,670	0,000	60,240	887,670	94276,220	-93388,550
1617+0,00	0,000	3,230	0,000	68,980	887,670	94345,190	-93457,520
1618+0,00	0,000	3,060	0,000	62,870	887,670	94408,060	-93520,390
1619+0,00	0,000	3,180	0,000	62,410	887,670	94470,470	-93582,800
1620+0,00	0,000	2,960	0,000	61,210	887,670	94531,680	-93644,010
1621+0,00	0,000	1,880	0,010	48,450	887,670	94580,120	-93692,450
1622+0,00	0,000	2,720	0,010	45,990	887,680	94626,120	-93738,440
1623+0,00	0,000	2,990	0,000	57,110	887,680	94683,220	-93795,540
1624+0,00	0,000	3,000	0,000	59,880	887,680	94743,110	-93855,430
1625+0,00	0,000	3,220	0,000	62,140	887,680	94805,250	-93917,570
1626+0,00	0,000	2,830	0,000	60,190	887,680	94865,440	-93977,760
1627+0,00	0,000	2,470	0,000	52,990	887,680	94918,430	-94030,750
1628+0,00	0,000	3,520	0,000	59,520	887,680	94977,950	-94090,270
1629+0,00	0,000	3,510	0,000	69,820	887,680	95047,780	-94160,100
1630+0,00	0,000	3,120	0,000	66,480	887,680	95114,250	-94226,570
1631+0,00	0,000	3,710	0,000	68,320	887,680	95182,570	-94294,890
1632+0,00	0,000	4,230	0,000	79,450	887,680	95262,020	-94374,340
1633+0,00	0,000	3,960	0,000	81,910	887,680	95343,920	-94456,240
1634+0,00	0,000	3,400	0,000	73,540	887,680	95417,460	-94529,780
1635+0,00	0,000	3,070	0,000	64,630	887,680	95482,090	-94594,410
1636+0,00	0,000	2,160	0,000	52,290	887,680	95534,380	-94646,700
1637+0,00	0,000	1,780	0,000	39,360	887,680	95573,740	-94686,060
1638+0,00	0,000	2,870	0,000	46,430	887,680	95620,180	-94732,500
1639+0,00	0,000	1,880	0,000	47,480	887,680	95667,660	-94779,980
1640+0,00	0,000	2,220	0,000	41,010	887,680	95708,670	-94820,990
1641+0,00	0,000	2,810	0,000	50,310	887,680	95758,980	-94871,300
1642+0,00	0,000	1,610	0,000	44,200	887,680	95803,180	-94915,500
1643+0,00	0,000	1,490	0,000	31,020	887,680	95834,200	-94946,520
1644+0,00	0,000	1,350	0,000	28,460	887,680	95862,660	-94974,980
1645+0,00	0,000	2,440	0,000	37,970	887,680	95900,630	-95012,950
1646+0,00	0,000	3,510	0,000	59,590	887,680	95960,220	-95072,540
1647+0,00	0,000	2,800	0,000	63,180	887,680	96023,400	-95135,720
1648+0,00	0,000	2,630	0,000	54,300	887,680	96077,690	-95190,010
1649+0,00	0,000	3,100	0,000	57,240	887,680	96134,930	-95247,250
1650+0,00	0,000	3,220	0,000	63,190	887,680	96198,120	-95310,440
1651+0,00	0,000	3,060	0,000	62,820	887,680	96260,940	-95373,260
1652+0,00	0,000	2,980	0,000	60,420	887,680	96321,360	-95433,680
1653+0,00	0,000	3,720	0,000	67,040	887,680	96388,390	-95500,710
1654+0,00	0,000	3,180	0,000	69,040	887,680	96457,440	-95569,760

Osvaldo Leôncio da Silva
Diretor da Unidade de Engenharia
Projetos e Obras - DER/PR
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)
1655+0,00	0,000	2,260	0,000	54,370	887,680	96511,810	-95624,130
1656+0,00	0,000	2,590	0,000	48,440	887,680	96560,250	-95672,570
1657+0,00	0,000	2,950	0,000	55,430	887,680	96615,680	-95728,000
1658+0,00	0,000	2,740	0,000	57,000	887,680	96672,680	-95785,000
1659+0,00	0,000	2,750	0,000	54,920	887,680	96727,590	-95839,910
1660+0,00	0,000	2,980	0,000	57,240	887,680	96784,840	-95897,160
1661+0,00	0,000	3,030	0,000	60,030	887,680	96844,860	-95957,180
1662+0,00	0,000	3,260	0,000	62,870	887,680	96907,730	-96020,050
1663+0,00	0,000	3,210	0,000	64,660	887,680	96972,390	-96084,710
1664+0,00	0,000	2,800	0,000	60,020	887,680	97032,410	-96144,730
1665+0,00	0,000	2,910	0,000	57,090	887,680	97089,500	-96201,820
1666+0,00	0,000	3,790	0,000	66,980	887,680	97156,470	-96268,790
1667+0,00	0,000	3,550	0,000	73,330	887,680	97229,800	-96342,120
1668+0,00	0,000	3,080	0,000	66,310	887,680	97296,110	-96408,430
1669+0,00	0,000	2,950	0,000	60,390	887,680	97356,500	-96468,820
1670+0,00	0,000	2,390	0,000	53,410	887,680	97409,910	-96522,230
1671+0,00	0,000	2,340	0,000	47,310	887,680	97457,220	-96569,540
1672+0,00	0,000	2,820	0,000	51,670	887,680	97508,890	-96621,210
1673+0,00	0,000	3,750	0,000	65,690	887,680	97574,580	-96686,900
1674+0,00	0,000	3,080	0,000	68,290	887,680	97642,870	-96755,190
1675+0,00	0,000	3,020	0,000	61,040	887,680	97703,910	-96816,230
1676+0,00	0,000	2,480	0,000	55,050	887,680	97758,960	-96871,280
1677+0,00	0,000	2,550	0,000	50,300	887,680	97809,260	-96921,580
1678+0,00	0,000	3,070	0,000	56,150	887,680	97865,410	-96977,730
1679+0,00	0,000	3,010	0,000	60,810	887,680	97926,230	-97038,550
1680+0,00	0,000	2,720	0,000	57,340	887,680	97983,570	-97095,890
1681+0,00	0,000	2,220	0,000	49,420	887,680	98033,000	-97145,320
1682+0,00	0,000	1,710	0,000	39,320	887,680	98072,310	-97184,630
1683+0,00	0,000	1,800	0,000	35,140	887,680	98107,450	-97219,770
1684+0,00	0,000	1,840	0,000	36,380	887,680	98143,830	-97256,150
1685+0,00	0,000	2,030	0,000	38,650	887,680	98182,480	-97294,800
1686+0,00	0,000	1,950	0,000	39,770	887,680	98222,250	-97334,570
1687+0,00	0,000	1,990	0,000	39,370	887,680	98261,630	-97373,950
1688+0,00	0,000	2,780	0,000	47,690	887,680	98309,320	-97421,640
1689+0,00	0,000	2,840	0,000	56,150	887,680	98365,470	-97477,790
1690+0,00	0,000	3,430	0,000	62,620	887,680	98428,090	-97540,410
1691+0,00	0,000	4,070	0,000	74,940	887,680	98503,040	-97615,360
1692+0,00	0,000	3,250	0,000	73,140	887,680	98576,180	-97688,500
1693+0,00	0,000	3,450	0,000	66,920	887,680	98643,110	-97755,430
1694+0,00	0,000	2,820	0,000	62,640	887,680	98705,750	-97818,070
1695+0,00	0,000	3,800	0,000	66,160	887,680	98771,920	-97884,240
1696+0,00	0,000	2,930	0,000	67,280	887,680	98839,190	-97951,510
1697+0,00	0,000	2,480	0,000	54,060	887,680	98893,250	-98005,570
1698+0,00	0,000	1,710	0,000	41,840	887,680	98935,100	-98047,420
1699+0,00	0,000	3,080	0,000	47,920	887,680	98983,010	-98095,330
1700+0,00	0,000	2,550	0,000	56,310	887,680	99039,320	-98151,640
1701+0,00	0,000	3,090	0,000	56,420	887,680	99095,750	-98208,070
1702+0,00	0,030	2,080	0,300	51,700	887,980	99147,450	-98259,470
1703+0,00	0,030	2,640	0,580	47,170	888,560	99194,620	-98306,060
1704+0,00	0,000	3,510	0,290	61,520	888,840	99256,150	-98367,310
1705+0,00	0,010	3,300	0,080	68,060	888,920	99324,210	-98435,290
1706+0,00	0,050	3,180	0,540	64,720	889,460	99388,930	-98499,470
1707+0,00	0,070	3,150	1,190	63,310	890,650	99452,230	-98561,580
1708+0,00	0,090	2,970	1,610	61,200	892,270	99513,430	-98621,160
1709+0,00	0,030	2,760	1,230	57,290	893,490	99570,720	-98677,230
1710+0,00	0,040	2,290	0,760	50,510	894,250	99621,230	-98726,980
1711+0,00	0,040	2,260	0,830	45,450	895,080	99666,680	-98771,600
1712+0,00	0,100	1,890	1,390	41,520	896,470	99708,200	-98811,730
1713+0,00	0,180	1,590	2,760	34,840	899,220	99743,040	-98843,820
1714+0,00	0,200	1,480	3,740	30,680	902,970	99773,720	-98870,750
1715+0,00	0,000	2,600	1,970	40,760	904,940	99814,480	-98909,540
1716+0,00	0,000	3,030	0,020	56,260	904,960	99870,740	-98965,780
1717+0,00	0,000	3,060	0,000	60,840	904,960	99931,580	-99026,620
1718+0,00	0,000	2,950	0,000	60,090	904,960	99991,670	-99086,710

Osvaldo Leoncio da Silva [illegible]
Diretor da 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)
1719+0,00	0,000	3,400	0,000	63,530	904,960	100055,200	-99150,240
1720+0,00	0,000	3,430	0,000	68,360	904,960	100123,560	-99218,600
1721+0,00	0,000	1,910	0,000	53,410	904,960	100176,970	-99272,010
1722+0,00	0,000	3,020	0,000	49,280	904,960	100226,250	-99321,290
1723+0,00	0,000	2,630	0,000	56,450	904,960	100282,700	-99377,740
1724+0,00	0,000	2,600	0,000	52,260	904,960	100334,960	-99430,000
1725+0,00	0,000	3,360	0,000	59,620	904,960	100394,580	-99489,620
1726+0,00	0,000	2,790	0,000	61,460	904,960	100456,040	-99551,080
1727+0,00	0,000	2,570	0,000	53,430	904,960	100509,470	-99604,510
1728+0,00	0,000	1,710	0,000	42,520	904,960	100551,990	-99647,030
1729+0,00	0,090	1,060	0,880	27,510	905,830	100579,500	-99673,670
1730+0,00	0,190	0,590	2,720	16,480	908,550	100595,980	-99687,430
1731+0,00	0,000	1,650	1,860	22,390	910,410	100618,360	-99707,950
1732+0,00	0,000	1,810	0,000	34,540	910,410	100652,900	-99742,490
1733+0,00	0,000	1,620	0,000	34,220	910,410	100687,120	-99776,710
1734+0,00	0,000	2,760	0,000	43,800	910,410	100730,920	-99820,510
1735+0,00	0,000	3,110	0,000	58,780	910,410	100789,700	-99879,290
1736+0,00	0,000	2,040	0,000	51,530	910,410	100841,230	-99930,820
1737+0,00	0,000	1,690	0,000	37,280	910,410	100878,510	-99968,100
1738+0,00	0,000	2,950	0,000	46,390	910,410	100924,910	-100014,500
1739+0,00	0,000	2,980	0,000	59,290	910,410	100984,200	-100073,790
1740+0,00	0,000	2,880	0,000	58,590	910,410	101042,790	-100132,380
1741+0,00	0,000	1,940	0,000	48,210	910,410	101091,000	-100180,590
1742+0,00	0,000	1,680	0,000	36,190	910,410	101127,190	-100216,780
1743+0,00	0,000	2,420	0,000	40,970	910,410	101168,170	-100257,760
1744+0,00	0,000	2,670	0,000	50,920	910,410	101219,080	-100308,670
1745+0,00	0,000	2,990	0,000	56,660	910,410	101275,740	-100365,330
1746+0,00	0,000	3,870	0,000	68,570	910,410	101344,310	-100433,900
1747+0,00	0,000	3,570	0,000	74,370	910,410	101418,690	-100508,280
1748+0,00	0,000	2,960	0,000	65,310	910,410	101484,000	-100573,590
1749+0,00	0,000	2,580	0,000	55,410	910,410	101539,410	-100629,000
1750+0,00	0,000	2,620	0,000	51,970	910,410	101591,380	-100680,970
1751+0,00	0,000	3,070	0,000	56,880	910,410	101648,260	-100737,850
1752+0,00	0,000	3,010	0,000	60,840	910,410	101709,100	-100798,690
1753+0,00	0,000	3,200	0,000	62,060	910,410	101771,160	-100860,750
1754+0,00	0,000	3,200	0,000	63,930	910,410	101835,090	-100924,680
1755+0,00	0,000	3,930	0,000	71,290	910,410	101906,380	-100995,970
1756+0,00	0,000	2,850	0,000	67,770	910,410	101974,150	-101063,740
1757+0,00	0,000	2,830	0,000	56,750	910,410	102030,900	-101120,490
1758+0,00	0,000	2,970	0,000	58,010	910,410	102088,910	-101178,500
1759+0,00	0,000	2,990	0,000	59,690	910,410	102148,600	-101238,190
1760+0,00	0,000	3,060	0,000	60,500	910,410	102209,090	-101298,680
1761+0,00	0,000	2,940	0,000	60,510	910,410	102269,600	-101359,190
1762+0,00	0,000	3,050	0,000	60,490	910,410	102330,100	-101419,690
1763+0,00	0,000	3,100	0,000	61,580	910,410	102391,670	-101481,260
1764+0,00	0,000	2,880	0,000	60,000	910,410	102451,680	-101541,270
1765+0,00	0,000	3,210	0,000	60,840	910,410	102512,510	-101602,100
1766+0,00	0,000	2,960	0,000	61,680	910,410	102574,190	-101663,780
1767+0,00	0,000	2,570	0,000	55,350	910,410	102629,540	-101719,130
1768+0,00	0,000	3,760	0,000	63,390	910,410	102692,930	-101782,520
1769+0,00	0,000	1,920	0,000	56,880	910,410	102749,810	-101839,400
1770+0,00	0,000	3,560	0,000	54,910	910,410	102804,730	-101894,320
1771+0,00	0,010	2,000	0,050	55,580	910,460	102860,310	-101949,850
1772+0,00	0,010	2,060	0,110	40,620	910,570	102900,930	-101990,360
1773+0,00	0,010	2,050	0,110	41,080	910,670	102942,010	-102031,340
1774+0,00	0,000	2,380	0,070	44,220	910,740	102986,230	-102075,490
1775+0,00	0,000	2,370	0,010	47,500	910,750	103033,730	-102122,980
1776+0,00	0,020	1,870	0,240	42,410	910,990	103076,140	-102165,150
1777+0,00	0,000	3,860	0,240	57,200	911,240	103133,340	-102222,100
1778+0,00	0,000	3,110	0,000	69,690	911,240	103203,030	-102291,790
1779+0,00	0,000	2,340	0,000	54,500	911,240	103257,530	-102346,290
1780+0,00	0,030	1,030	0,360	33,480	911,600	103291,000	-102379,400
1781+0,00	0,000	2,620	0,350	36,490	911,950	103327,490	-102415,540
1782+0,00	0,000	2,380	0,000	49,630	911,950	103377,130	-102465,180

Osvaldo Leôncio da Silva
Diretor da Unidade de Projetos
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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 Liquido (m3)
1783+0,00	0,000	2,680	0,000	50,600	911,950	103427,730	-102515,780
1784+0,00	0,000	2,830	0,000	55,100	911,950	103482,830	-102570,880
1785+0,00	0,000	3,150	0,000	59,740	911,950	103542,570	-102630,620
1786+0,00	0,000	4,100	0,000	72,560	911,950	103615,130	-102703,180
1787+0,00	0,000	3,230	0,000	73,350	911,950	103688,480	-102776,530
1788+0,00	0,030	1,430	0,260	46,620	912,210	103735,110	-102822,900
1789+0,00	0,100	1,070	1,230	24,960	913,430	103760,070	-102846,640
1790+0,00	0,000	2,840	0,960	39,100	914,400	103799,170	-102884,770
1791+0,00	0,000	2,060	0,000	49,070	914,400	103848,230	-102933,830
1792+0,00	0,000	2,220	0,000	42,820	914,400	103891,050	-102976,650
1793+0,00	0,000	3,290	0,000	55,080	914,400	103946,130	-103031,730
1794+0,00	0,000	2,910	0,000	61,980	914,400	104008,110	-103093,710
1795+0,00	0,000	2,660	0,000	55,680	914,400	104063,790	-103149,390
1796+0,00	0,000	3,350	0,000	60,100	914,400	104123,890	-103209,490
1797+0,00	0,000	3,650	0,000	70,060	914,400	104193,950	-103279,550
1798+0,00	0,000	3,480	0,000	71,290	914,400	104265,240	-103350,840
1799+0,00	0,000	3,340	0,000	68,190	914,400	104333,420	-103419,020
1800+0,00	0,000	3,530	0,000	68,740	914,400	104402,170	-103487,770
1801+0,00	0,000	2,840	0,000	63,750	914,400	104465,920	-103551,520
1802+0,00	0,000	2,590	0,000	54,290	914,400	104520,210	-103605,810
1803+0,00	0,000	3,000	0,000	55,810	914,400	104576,020	-103661,620
1804+0,00	0,000	2,950	0,000	59,460	914,400	104635,480	-103721,080
1805+0,00	0,000	3,080	0,000	60,320	914,400	104695,800	-103781,400
1806+0,00	0,000	3,160	0,000	62,450	914,400	104758,250	-103843,850
1807+0,00	0,000	3,050	0,000	62,170	914,400	104820,420	-103906,020
1808+0,00	0,000	3,640	0,000	66,940	914,400	104887,350	-103972,950
1809+0,00	0,000	3,360	0,000	70,010	914,400	104957,370	-104042,970
1810+0,00	0,000	4,190	0,000	75,490	914,400	105032,860	-104118,460
1811+0,00	0,000	4,170	0,000	83,590	914,400	105116,440	-104202,040
1812+0,00	0,000	3,370	0,000	75,370	914,400	105191,810	-104277,410
1813+0,00	0,000	2,210	0,000	55,760	914,400	105247,570	-104333,170
1814+0,00	0,000	1,660	0,000	38,670	914,400	105286,240	-104371,840
1815+0,00	0,010	1,130	0,120	27,900	914,520	105314,140	-104399,620
1816+0,00	0,000	2,050	0,120	31,790	914,650	105345,930	-104431,280
1817+0,00	0,000	3,010	0,000	50,560	914,650	105396,490	-104481,840
1818+0,00	0,000	2,610	0,000	56,150	914,650	105452,640	-104537,990
1819+0,00	0,000	3,160	0,000	57,700	914,650	105510,340	-104595,690
1820+0,00	0,000	2,910	0,000	60,780	914,650	105571,120	-104656,470
1821+0,00	0,000	2,860	0,000	57,760	914,650	105628,870	-104714,220
1822+0,00	0,000	2,750	0,000	56,160	914,650	105685,030	-104770,380
1823+0,00	0,000	2,780	0,000	55,390	914,650	105740,420	-104825,770
1824+0,00	0,000	3,040	0,000	58,210	914,650	105798,630	-104883,980
1825+0,00	0,000	3,830	0,000	68,680	914,650	105867,320	-104952,670
1826+0,00	0,000	3,390	0,000	72,230	914,650	105939,550	-105024,900
1827+0,00	0,000	3,060	0,000	64,490	914,650	106004,040	-105089,390
1828+0,00	0,000	3,080	0,000	61,410	914,650	106065,450	-105150,800
1829+0,00	0,000	2,920	0,000	60,040	914,650	106125,490	-105210,840
1830+0,00	0,000	2,440	0,000	53,440	914,650	106178,930	-105264,280
1831+0,00	0,000	2,550	0,000	49,780	914,650	106228,710	-105314,060
1832+0,00	0,000	2,570	0,000	51,150	914,650	106279,870	-105365,220
1833+0,00	0,000	2,900	0,000	54,640	914,650	106334,510	-105419,860
1834+0,00	0,000	2,790	0,000	56,930	914,650	106391,440	-105476,790
1835+0,00	0,000	2,900	0,000	56,960	914,650	106448,390	-105533,740
1836+0,00	0,000	2,860	0,000	57,640	914,650	106506,030	-105591,380
1837+0,00	0,000	2,550	0,000	54,100	914,650	106560,130	-105645,480
1838+0,00	0,000	2,880	0,000	54,310	914,650	106614,440	-105699,790
1839+0,00	0,000	2,390	0,000	52,720	914,650	106667,160	-105752,510
1840+0,00	0,000	3,270	0,000	56,590	914,650	106723,740	-105809,090
1841+0,00	0,000	2,280	0,000	55,550	914,650	106779,290	-105864,640
1842+0,00	0,000	2,520	0,000	48,050	914,650	106827,340	-105912,690
1843+0,00	0,000	2,860	0,000	53,720	914,650	106881,060	-105966,410
1844+0,00	0,000	3,810	0,000	66,690	914,650	106947,750	-106033,100
1845+0,00	0,000	2,270	0,000	60,850	914,650	107008,610	-106093,960
1846+0,00	0,000	3,130	0,000	53,980	914,650	107062,590	-106147,940

Osvaldo Leão[illegible] da Su[illegible]
Diretor da Unidad[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)
1911+0,00	0,050	2,940	1,620	63,930	1039,580	110863,930	-109824,350
1912+0,00	0,050	2,930	0,880	59,510	1040,460	110923,430	-109882,970
1913+0,00	0,090	3,110	1,360	60,470	1041,820	110983,900	-109942,080
1914+0,00	0,080	3,110	1,670	62,260	1043,490	111046,160	-110002,670
1915+0,00	0,000	2,030	0,770	51,410	1044,260	111097,580	-110053,320
1916+0,00	0,420	1,700	4,290	36,800	1048,550	111134,380	-110085,830
1917+0,00	0,040	2,820	4,590	45,240	1053,140	111179,610	-110126,470
1918+0,00	0,000	3,160	0,380	59,800	1053,520	111239,410	-110185,890
1919+0,00	0,000	2,740	0,000	59,010	1053,520	111298,420	-110244,900
1920+0,00	0,000	3,170	0,000	59,130	1053,520	111357,550	-110304,030
1921+0,00	0,000	2,510	0,010	56,690	1053,530	111414,230	-110360,700
1922+0,00	0,040	2,160	0,420	46,690	1053,950	111460,920	-110406,970
1923+0,00	0,000	2,420	0,410	45,800	1054,360	111506,720	-110452,360
1924+0,00	0,000	2,650	0,000	50,730	1054,360	111557,450	-110503,090
1925+0,00	0,000	3,000	0,000	56,530	1054,360	111613,980	-110559,620
1926+0,00	0,000	3,250	0,000	61,620	1054,360	111675,600	-110621,240
1927+0,00	0,000	3,630	0,000	68,860	1054,360	111744,460	-110690,100
1928+0,00	0,020	3,170	0,160	67,980	1054,510	111812,450	-110757,940
1929+0,00	0,020	3,150	0,360	63,190	1054,880	111875,640	-110820,760
1930+0,00	0,000	3,260	0,210	63,820	1055,080	111939,460	-110884,380
1931+0,00	0,060	3,210	0,640	64,710	1055,720	112004,170	-110948,450
1932+0,00	0,090	3,640	1,530	68,450	1057,250	112072,620	-111015,370
1933+0,00	0,140	3,230	2,320	68,660	1059,570	112141,270	-111081,700
1934+0,00	0,310	2,610	4,530	58,370	1064,100	112199,640	-111135,540
1935+0,00	0,200	2,990	5,120	55,990	1069,220	112255,640	-111186,420
1936+0,00	0,170	2,750	3,770	56,980	1072,980	112312,620	-111239,640
1937+0,00	0,010	3,030	1,760	57,750	1074,740	112370,370	-111295,630
1938+0,00	0,000	3,650	0,080	66,770	1074,820	112437,140	-111362,320
1939+0,00	0,000	3,160	0,000	68,110	1074,820	112505,250	-111430,430
1940+0,00	0,000	3,250	0,000	64,590	1074,820	112569,840	-111495,020
1941+0,00	0,000	3,160	0,000	64,180	1074,820	112634,020	-111559,200
1942+0,00	0,010	2,780	0,130	59,430	1074,950	112693,450	-111618,500
1943+0,00	0,000	2,970	0,130	57,130	1075,090	112750,570	-111675,480
1944+0,00	0,030	2,310	0,290	52,720	1075,380	112803,290	-111727,910
1945+0,00	0,000	3,340	0,290	56,490	1075,670	112859,780	-111784,110
1946+0,00	0,000	4,930	0,000	83,030	1075,670	112942,810	-111867,140
1947+0,00	0,040	2,100	0,390	70,280	1076,060	113013,090	-111937,030
1948+0,00	0,000	2,920	0,390	50,160	1076,440	113063,250	-111986,810
1949+0,00	0,000	2,350	0,000	52,910	1076,440	113116,160	-112039,720
1950+0,00	0,000	2,110	0,000	44,670	1076,440	113160,830	-112084,390
1951+0,00	0,220	0,250	2,220	23,690	1078,660	113184,520	-112105,860
1952+0,00	0,000	2,560	2,160	28,390	1080,820	113212,900	-112132,080
1953+0,00	0,000	1,500	0,000	40,530	1080,820	113253,430	-112172,610
1954+0,00	0,060	1,590	0,580	30,920	1081,400	113284,350	-112202,950
1955+0,00	0,150	1,880	2,040	34,740	1083,450	113319,090	-112235,640
1956+0,00	0,000	3,350	1,460	52,270	1084,910	113371,360	-112286,450
1957+0,00	0,000	4,230	0,000	75,740	1084,910	113447,100	-112362,190
1958+0,00	0,040	2,690	0,400	69,200	1085,310	113516,300	-112430,990
1959+0,00	0,000	3,360	0,400	60,490	1085,710	113576,790	-112491,080
1960+0,00	0,270	2,420	2,700	57,800	1088,410	113634,600	-112546,190
1961+0,00	0,120	2,740	3,930	51,610	1092,340	113686,200	-112593,860
1962+0,00	0,010	3,580	1,280	63,150	1093,620	113749,360	-112655,740
1963+0,00	0,190	2,990	2,000	65,710	1095,620	113815,060	-112719,440
1964+0,00	0,320	2,580	5,130	55,730	1100,740	113870,790	-112770,050
1965+0,00	0,200	2,530	5,170	51,150	1105,920	113921,940	-112816,020
1966+0,00	0,480	1,680	6,840	42,130	1112,750	113964,070	-112851,320
1967+0,00	0,020	3,280	5,080	49,590	1117,830	114013,650	-112895,820
1968+0,00	0,030	2,800	0,500	60,790	1118,330	114074,450	-112956,120
1969+0,00	0,120	2,090	1,410	48,940	1119,740	114123,390	-113003,650
1970+0,00	0,010	1,630	1,260	37,240	1121,000	114160,620	-113039,620
1971+0,00	0,000	3,200	0,110	48,290	1121,110	114208,920	-113087,810
1972+0,00	0,000	3,100	0,000	62,970	1121,110	114271,890	-113150,780
1973+0,00	0,000	2,950	0,000	60,460	1121,110	114332,350	-113211,240
1974+0,00	0,000	2,670	0,000	56,160	1121,110	114388,510	-113267,400

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1975+0,00	0,000	2,900	0,000	55,690	1121,110	114444,190	-113323,080
1976+0,00	0,000	3,850	0,000	67,490	1121,110	114511,680	-113390,570
1977+0,00	0,000	4,390	0,000	82,420	1121,110	114594,100	-113472,990
1978+0,00	0,010	2,970	0,070	73,680	1121,170	114667,790	-113546,620
1979+0,00	0,170	1,870	1,740	48,460	1122,920	114716,240	-113593,320
1980+0,00	0,760	0,860	9,290	27,300	1132,210	114743,540	-113611,330
1981+0,00	1,660	0,220	24,440	10,660	1156,650	114754,200	-113597,550
1982+0,00	0,150	1,900	18,090	21,190	1174,740	114775,390	-113600,650
1983+0,00	0,010	2,970	1,520	48,760	1176,260	114824,160	-113647,900
1984+0,00	0,000	2,940	0,080	59,720	1176,340	114883,870	-113707,530
1985+0,00	0,000	3,140	0,040	60,740	1176,380	114944,620	-113768,240
1986+0,00	0,300	1,730	3,020	48,680	1179,400	114993,300	-113813,900
1987+0,00	0,560	1,190	8,660	29,210	1188,060	115022,510	-113834,450
1988+0,00	0,150	2,460	6,920	37,160	1194,980	115059,660	-113864,680
1989+0,00	0,030	3,380	1,760	59,140	1196,740	115118,800	-113922,060
1990+0,00	0,000	3,350	0,310	68,050	1197,040	115186,850	-113989,810
1991+0,00	0,030	2,750	0,250	61,130	1197,300	115247,980	-114050,680
1992+0,00	0,000	3,150	0,270	59,000	1197,560	115306,980	-114109,420
1993+0,00	0,000	3,230	0,050	63,790	1197,620	115370,770	-114173,150
1994+0,00	0,000	3,650	0,040	68,800	1197,660	115439,570	-114241,910
1995+0,00	0,010	3,220	0,070	68,660	1197,720	115508,230	-114310,510
1996+0,00	0,010	2,990	0,190	62,030	1197,920	115570,260	-114372,340
1997+0,00	0,000	2,990	0,160	59,970	1198,080	115630,240	-114432,160
1998+0,00	0,000	2,930	0,040	59,190	1198,120	115689,430	-114491,310
1999+0,00	0,000	3,010	0,000	59,260	1198,120	115748,690	-114550,570
2000+0,00	0,000	2,490	0,010	55,020	1198,130	115803,710	-114605,580
2001+0,00	0,040	1,900	0,430	43,970	1198,560	115847,680	-114649,120
2002+0,00	0,030	1,920	0,690	38,200	1199,250	115885,880	-114686,630
2003+0,00	0,000	2,000	0,310	39,220	1199,560	115925,100	-114725,540
2004+0,00	0,000	2,340	0,050	43,420	1199,610	115968,510	-114768,900
2005+0,00	0,000	2,890	0,000	52,290	1199,610	116020,800	-114821,190
2006+0,00	0,000	2,960	0,000	58,470	1199,610	116079,270	-114879,660
2007+0,00	0,000	2,870	0,000	58,280	1199,610	116137,550	-114937,940
2008+0,00	0,000	2,130	0,000	50,010	1199,610	116187,560	-114987,950
2009+0,00	0,010	1,400	0,060	35,320	1199,670	116222,880	-115023,210
2010+0,00	0,000	3,460	0,060	48,660	1199,720	116271,540	-115071,820
2011+0,00	0,000	2,970	0,000	64,330	1199,720	116335,870	-115136,150
2012+0,00	0,000	3,490	0,000	64,560	1199,720	116400,430	-115200,710
2013+0,00	0,060	2,610	0,570	60,910	1200,300	116461,350	-115261,050
2014+0,00	0,080	2,650	1,410	52,570	1201,710	116513,910	-115312,200
2015+0,00	0,730	1,850	8,140	44,970	1209,850	116558,880	-115349,030
2016+0,00	0,000	5,420	7,300	72,670	1217,140	116631,550	-115414,410
2017+0,00	0,230	4,700	2,330	101,240	1219,480	116732,800	-115513,320
2018+0,00	1,530	2,110	17,800	67,740	1237,270	116800,540	-115563,270
2019+0,00	1,280	3,330	29,330	52,710	1266,600	116853,250	-115586,650
2020+0,00	0,900	3,940	22,000	72,370	1288,600	116925,620	-115637,020
2021+0,00	1,010	2,890	19,090	68,320	1307,680	116993,940	-115686,260
2022+0,00	0,840	2,940	18,830	57,510	1326,520	117051,460	-115724,940
2023+0,00	0,190	3,040	10,290	59,820	1336,810	117111,280	-115774,470
2024+0,00	0,330	2,340	5,220	53,490	1342,030	117164,770	-115822,740
2025+0,00	0,020	2,910	3,500	52,520	1345,530	117217,290	-115871,760
2026+0,00	0,000	2,750	0,240	56,570	1345,770	117273,860	-115928,090
2027+0,00	0,000	2,950	0,000	56,960	1345,770	117330,820	-115985,050
2028+0,00	0,000	2,590	0,000	55,450	1345,770	117386,270	-116040,500
2029+0,00	0,000	2,420	0,000	50,080	1345,770	117436,350	-116090,580
2030+0,00	0,000	2,600	0,000	50,150	1345,770	117486,500	-116140,730
2031+0,00	0,000	2,610	0,000	52,010	1345,770	117538,510	-116192,740
2032+0,00	0,000	2,770	0,000	53,730	1345,770	117592,240	-116246,470
2033+0,00	0,000	2,850	0,000	56,150	1345,770	117648,390	-116302,620
2034+0,00	0,000	2,910	0,000	57,620	1345,770	117706,010	-116360,240
2035+0,00	0,000	2,850	0,000	57,600	1345,770	117763,610	-116417,840
2036+0,00	0,000	2,770	0,000	56,040	1345,770	117819,660	-116473,890
2037+0,00	0,000	1,860	0,000	46,240	1345,770	117865,900	-116520,130
2038+0,00	0,020	1,220	0,230	30,440	1346,000	117896,330	-116550,330

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2039+0,00	0,250	0,950	2,770	21,550	1348,780	117917,880	-116569,100
2040+0,00	0,000	2,820	2,510	37,680	1351,280	117955,560	-116604,280
2041+0,00	0,000	4,130	0,000	69,430	1351,280	118024,990	-116673,710
2042+0,00	0,000	4,940	0,000	90,790	1351,280	118115,790	-116764,510
2043+0,00	0,000	3,870	0,000	88,180	1351,280	118203,970	-116852,690
2044+0,00	0,000	2,970	0,000	68,430	1351,280	118272,400	-116921,120
2045+0,00	0,000	2,860	0,000	58,320	1351,280	118330,710	-116979,430
2046+0,00	0,000	3,720	0,000	65,870	1351,280	118396,580	-117045,300
2047+0,00	0,000	3,820	0,000	75,490	1351,280	118472,070	-117120,790
2048+0,00	0,000	3,950	0,000	77,700	1351,280	118549,770	-117198,490
2049+0,00	0,000	3,430	0,000	73,770	1351,280	118623,550	-117272,270
2050+0,00	0,000	3,120	0,000	65,550	1351,280	118689,100	-117337,820
2051+0,00	0,000	3,000	0,000	61,200	1351,280	118750,300	-117399,020
2052+0,00	0,000	3,030	0,000	60,300	1351,280	118810,600	-117459,320
2053+0,00	0,000	2,710	0,000	57,390	1351,280	118867,990	-117516,710
2054+0,00	0,000	2,450	0,000	51,790	1351,280	118919,780	-117568,500
2055+0,00	0,000	3,130	0,000	55,840	1351,280	118975,630	-117624,350
2056+0,00	0,000	3,070	0,000	62,060	1351,280	119037,690	-117686,410
2057+0,00	0,000	2,850	0,000	59,210	1351,280	119096,890	-117745,610
2058+0,00	0,000	2,900	0,000	57,700	1351,280	119154,590	-117803,310
2059+0,00	0,000	2,990	0,000	58,910	1351,280	119213,500	-117862,220
2060+0,00	0,000	2,990	0,000	59,740	1351,280	119273,240	-117921,960
2061+0,00	0,000	2,330	0,000	53,110	1351,280	119326,350	-117975,070
2062+0,00	0,000	1,400	0,000	37,190	1351,280	119363,540	-118012,260
2063+0,00	0,000	1,240	0,000	26,400	1351,280	119389,940	-118038,660
2064+0,00	0,010	0,510	0,070	17,560	1351,350	119407,500	-118056,150
2065+0,00	0,000	1,850	0,070	23,590	1351,420	119431,100	-118079,680
2066+0,00	0,000	2,950	0,000	47,940	1351,420	119479,030	-118127,610
2067+0,00	0,000	2,340	0,000	52,820	1351,420	119531,850	-118180,430
2068+0,00	0,000	2,760	0,000	51,200	1351,420	119583,060	-118231,640
2069+0,00	0,000	2,930	0,000	57,290	1351,420	119640,350	-118288,930
2070+0,00	0,000	2,910	0,000	58,980	1351,420	119699,330	-118347,910
2071+0,00	0,000	1,710	0,010	46,680	1351,430	119746,020	-118394,590
2072+0,00	0,010	1,450	0,150	31,660	1351,580	119777,680	-118426,100
2073+0,00	0,010	1,450	0,240	29,010	1351,830	119806,690	-118454,860
2074+0,00	0,000	1,600	0,120	30,410	1351,940	119837,100	-118485,160
2075+0,00	0,010	1,480	0,120	30,730	1352,060	119867,830	-118515,770
2076+0,00	0,000	3,330	0,110	48,070	1352,170	119915,900	-118563,730
2077+0,00	0,000	3,520	0,000	68,460	1352,170	119984,360	-118632,190
2078+0,00	0,000	3,090	0,000	66,090	1352,170	120050,450	-118698,280
2079+0,00	0,000	3,040	0,000	61,330	1352,170	120111,780	-118759,610
2080+0,00	0,000	4,390	0,000	74,280	1352,170	120186,060	-118833,890
2081+0,00	0,000	3,620	0,000	80,110	1352,170	120266,170	-118914,000
2082+0,00	0,000	3,050	0,000	66,740	1352,170	120332,910	-118980,740
2083+0,00	0,000	3,130	0,000	61,820	1352,170	120394,730	-119042,560
2084+0,00	0,000	2,910	0,000	60,400	1352,170	120455,130	-119102,960
2085+0,00	0,000	2,890	0,000	57,970	1352,170	120513,100	-119160,930
2086+0,00	0,000	2,510	0,000	53,960	1352,170	120567,060	-119214,890
2087+0,00	0,000	2,980	0,000	54,980	1352,170	120622,040	-119269,870
2088+0,00	0,000	1,700	0,000	46,810	1352,170	120668,850	-119316,680
2089+0,00	0,000	0,640	0,030	23,620	1352,200	120692,460	-119340,260
2090+0,00	0,000	2,420	0,030	30,660	1352,230	120723,120	-119370,890
2091+0,00	0,000	2,740	0,000	52,070	1352,230	120775,200	-119422,970
2092+0,00	0,000	2,880	0,000	56,130	1352,230	120831,330	-119479,100
2093+0,00	0,000	2,940	0,000	58,190	1352,230	120889,520	-119537,290
2094+0,00	0,000	2,910	0,000	58,560	1352,230	120948,080	-119595,850
2095+0,00	0,000	2,920	0,000	58,370	1352,230	121006,450	-119654,220
2096+0,00	0,000	3,120	0,000	60,440	1352,230	121066,890	-119714,660
2097+0,00	0,000	2,940	0,000	60,610	1352,230	121127,490	-119775,260
2098+0,00	0,000	2,700	0,000	56,370	1352,230	121183,870	-119831,640
2099+0,00	0,000	2,950	0,000	56,470	1352,230	121240,340	-119888,110
2100+0,00	0,000	2,920	0,020	58,750	1352,250	121299,100	-119946,850
2101+0,00	0,020	3,100	0,240	60,210	1352,490	121359,310	-120006,820
2102+0,00	0,040	2,910	0,640	60,080	1353,120	121419,390	-120066,270

Osvaldo Leoncio da Silva Filho
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2103+0,00	0,740	2,690	7,820	55,990	1360,940	121475,380	-120114,440
2104+0,00	0,480	3,240	12,200	59,320	1373,130	121534,700	-120161,570
2105+0,00	1,580	2,390	20,780	55,980	1393,920	121590,680	-120196,760
2106+0,00	1,220	2,860	27,970	52,490	1421,890	121643,170	-120221,280
2107+0,00	0,850	3,890	20,670	67,490	1442,560	121710,670	-120268,110
2108+0,00	0,900	4,240	17,490	81,280	1460,050	121791,940	-120331,890
2109+0,00	0,680	4,530	15,790	87,660	1475,840	121879,600	-120403,760
2110+0,00	0,670	4,640	13,380	91,900	1489,220	121971,500	-120482,280
2111+0,00	0,430	4,720	11,000	93,600	1500,220	122065,100	-120564,880
2112+0,00	0,460	3,840	8,990	85,660	1509,210	122150,760	-120641,550
2113+0,00	0,710	3,290	11,700	71,300	1520,910	122222,060	-120701,150
2114+0,00	0,700	2,670	13,920	59,950	1534,830	122282,010	-120747,180
2115+0,00	0,770	2,810	14,730	54,810	1549,560	122336,820	-120787,260
2116+0,00	1,150	2,290	19,240	51,020	1568,800	122387,840	-120819,040
2117+0,00	0,650	3,210	17,980	55,040	1586,780	122442,880	-120856,100
2118+0,00	0,830	2,920	14,730	61,260	1601,510	122504,130	-120902,620
2119+0,00	1,360	2,160	21,890	50,770	1623,400	122554,900	-120931,500
2120+0,00	0,900	2,860	22,610	50,200	1646,020	122605,100	-120959,080
2121+0,00	0,620	3,540	15,120	64,080	1661,130	122669,170	-121008,040
2122+0,00	0,780	3,240	13,950	67,770	1675,080	122736,940	-121061,860
2123+0,00	0,620	3,150	14,010	63,880	1689,090	122800,830	-121111,740
2124+0,00	0,000	3,750	6,230	69,000	1695,330	122869,830	-121174,500
2125+0,00	0,240	3,560	2,440	73,080	1697,770	122942,910	-121245,140
2126+0,00	0,000	4,780	2,490	82,620	1700,250	123025,530	-121325,280
2127+0,00	0,020	2,930	0,150	77,060	1700,400	123102,580	-121402,180
2128+0,00	0,000	2,890	0,150	58,150	1700,550	123160,730	-121460,180
2129+0,00	0,000	2,780	0,000	56,670	1700,550	123217,400	-121516,850
2130+0,00	0,000	2,570	0,000	53,550	1700,550	123270,960	-121570,410
2131+0,00	0,000	2,220	0,000	47,920	1700,550	123318,880	-121618,330
2132+0,00	0,000	2,450	0,000	46,630	1700,550	123365,510	-121664,960
2133+0,00	0,000	2,660	0,000	51,080	1700,550	123416,600	-121716,050
2134+0,00	0,000	2,340	0,000	50,040	1700,550	123466,640	-121766,090
2135+0,00	0,000	2,290	0,000	46,280	1700,550	123512,920	-121812,370
2136+0,00	0,000	3,180	0,000	54,620	1700,550	123567,540	-121866,990
2137+0,00	0,000	3,880	0,000	70,610	1700,550	123638,150	-121937,600
2138+0,00	0,000	3,790	0,000	76,710	1700,550	123714,860	-122014,310
2139+0,00	0,000	3,420	0,000	72,040	1700,550	123786,900	-122086,350
2140+0,00	0,000	3,300	0,000	67,150	1700,550	123854,060	-122153,510
2141+0,00	0,000	2,650	0,000	59,450	1700,550	123913,500	-122212,950
2142+0,00	0,000	3,830	0,000	64,750	1700,550	123978,250	-122277,700
2143+0,00	0,000	2,310	0,000	61,420	1700,550	124039,670	-122339,120
2144+0,00	0,000	4,060	0,000	63,730	1700,550	124103,400	-122402,850
2145+0,00	0,000	2,540	0,000	66,000	1700,550	124169,400	-122468,850
2146+0,00	0,000	3,370	0,000	59,080	1700,550	124228,480	-122527,930
2147+0,00	0,000	2,150	0,000	55,150	1700,550	124283,620	-122583,070
2148+0,00	0,000	2,470	0,000	46,170	1700,550	124329,790	-122629,240
2149+0,00	0,000	2,840	0,000	53,030	1700,550	124382,820	-122682,270
2150+0,00	0,000	3,160	0,000	59,920	1700,550	124442,740	-122742,190
2151+0,00	0,000	3,510	0,000	66,640	1700,550	124509,380	-122808,830
2152+0,00	0,000	4,200	0,000	77,110	1700,550	124586,480	-122885,930
2153+0,00	0,000	4,510	0,000	87,160	1700,550	124673,640	-122973,090
2154+0,00	0,000	4,280	0,000	87,890	1700,550	124761,540	-123060,990
2155+0,00	0,000	3,630	0,000	79,080	1700,550	124840,620	-123140,070
2156+0,00	0,000	3,180	0,000	68,170	1700,550	124908,780	-123208,230
2157+0,00	0,000	3,020	0,000	62,000	1700,550	124970,790	-123270,240
2158+0,00	0,000	2,940	0,000	59,590	1700,550	125030,370	-123329,820
2159+0,00	0,000	2,980	0,000	59,210	1700,550	125089,580	-123389,030
2160+0,00	0,000	2,900	0,000	58,740	1700,550	125148,330	-123447,780
2161+0,00	0,000	2,870	0,000	57,630	1700,550	125205,960	-123505,410
2162+0,00	0,000	2,810	0,000	56,750	1700,550	125262,710	-123562,160
2163+0,00	0,000	3,070	0,000	58,790	1700,550	125321,500	-123620,950
2164+0,00	0,000	4,670	0,000	77,410	1700,550	125398,910	-123698,360
2165+0,00	0,000	4,980	0,000	96,500	1700,550	125495,410	-123794,860
2166+0,00	0,000	4,040	0,000	90,190	1700,550	125585,600	-123885,050

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DEPRO
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)
2167+0,00	0,000	2,920	0,000	69,620	1700,550	125655,220	-123954,670
2168+0,00	0,000	2,820	0,000	57,400	1700,550	125712,620	-124012,070
2169+0,00	0,000	3,210	0,000	60,260	1700,550	125772,880	-124072,330
2170+0,00	0,000	3,500	0,000	67,130	1700,550	125840,010	-124139,460
2171+0,00	0,000	3,210	0,000	67,130	1700,550	125907,130	-124206,580
2172+0,00	0,000	2,600	0,000	58,120	1700,550	125965,250	-124264,700
2173+0,00	0,000	2,870	0,000	54,730	1700,550	126019,990	-124319,440
2174+0,00	0,010	1,100	0,100	39,740	1700,660	126059,730	-124359,070
2175+0,00	0,170	0,620	1,780	17,250	1702,440	126076,970	-124374,530
2176+0,00	0,000	2,160	1,680	27,850	1704,120	126104,820	-124400,700
2177+0,00	0,000	3,510	0,000	56,750	1704,120	126161,570	-124457,450
2178+0,00	0,000	4,100	0,000	76,070	1704,120	126237,640	-124533,520
2179+0,00	0,000	4,530	0,000	86,300	1704,120	126323,940	-124619,820
2180+0,00	0,000	3,110	0,000	76,390	1704,120	126400,330	-124696,210
2181+0,00	0,000	3,970	0,000	70,630	1704,120	126470,960	-124766,840
2182+0,00	0,000	3,270	0,000	72,390	1704,120	126543,350	-124839,230
2183+0,00	0,000	3,110	0,000	63,810	1704,120	126607,160	-124903,040
2184+0,00	0,140	1,660	1,390	47,650	1705,510	126654,810	-124949,300
2185+0,00	0,000	3,060	1,410	47,170	1706,920	126701,980	-124995,060
2186+0,00	0,000	3,180	0,010	62,440	1706,930	126764,410	-125057,480
2187+0,00	0,000	2,960	0,020	61,570	1706,950	126825,980	-125119,030
2188+0,00	0,000	2,970	0,020	59,310	1706,980	126885,300	-125178,320
2189+0,00	0,000	3,000	0,000	59,650	1706,980	126944,950	-125237,970
2190+0,00	0,000	2,910	0,000	59,070	1706,990	127004,020	-125297,030
2191+0,00	0,000	3,290	0,000	61,950	1706,990	127065,970	-125358,980
2192+0,00	0,000	3,660	0,000	69,440	1706,990	127135,410	-125428,420
2193+0,00	0,000	3,160	0,000	68,210	1706,990	127203,630	-125496,640
2194+0,00	0,000	2,440	0,000	56,030	1706,990	127259,650	-125552,660
2195+0,00	0,000	1,590	0,000	40,290	1706,990	127299,940	-125592,950
2196+0,00	0,060	0,660	0,630	22,520	1707,620	127322,460	-125614,840
2197+0,00	0,030	0,660	0,910	13,200	1708,530	127335,660	-125627,130
2198+0,00	0,010	0,850	0,340	15,100	1708,870	127350,760	-125641,890
2199+0,00	0,000	2,320	0,060	31,720	1708,940	127382,480	-125673,540
2200+0,00	0,000	2,930	0,000	52,450	1708,940	127434,930	-125725,990
2201+0,00	0,000	2,800	0,000	57,290	1708,940	127492,220	-125783,280
2202+0,00	0,000	2,640	0,000	54,420	1708,940	127546,640	-125837,700
2203+0,00	0,000	2,170	0,000	48,050	1708,940	127594,700	-125885,760
2204+0,00	0,000	1,300	0,000	34,680	1708,940	127629,380	-125920,440
2205+0,00	0,000	2,170	0,000	34,690	1708,940	127664,070	-125955,130
2206+0,00	0,000	3,150	0,000	53,290	1708,940	127717,370	-126008,430
2207+0,00	0,000	4,490	0,000	76,410	1708,940	127793,780	-126084,840
2208+0,00	0,000	3,680	0,000	81,910	1708,940	127875,690	-126166,750
2209+0,00	0,000	3,960	0,000	76,430	1708,940	127952,120	-126243,180
2210+0,00	0,000	4,180	0,000	81,410	1708,940	128033,530	-126324,590
2211+0,00	0,000	3,790	0,000	79,710	1708,940	128113,240	-126404,300
2212+0,00	0,000	2,970	0,000	67,860	1708,940	128181,100	-126472,160
2213+0,00	0,000	2,850	0,000	58,240	1708,940	128239,340	-126530,400
2214+0,00	0,000	2,910	0,000	57,660	1708,940	128297,000	-126588,060
2215+0,00	0,000	2,850	0,000	57,640	1708,940	128354,640	-126645,700
2216+0,00	0,000	2,820	0,000	56,690	1708,940	128411,330	-126702,390
2217+0,00	0,000	2,890	0,000	57,060	1708,940	128468,380	-126759,440
2218+0,00	0,000	2,430	0,000	53,270	1708,940	128521,650	-126812,710
2219+0,00	0,000	3,460	0,000	58,950	1708,940	128580,610	-126871,670
2220+0,00	0,000	5,340	0,000	87,960	1708,940	128668,570	-126959,630
2221+0,00	0,000	4,150	0,000	94,840	1708,940	128763,410	-127054,470
2222+0,00	0,000	3,470	0,000	76,150	1708,940	128839,570	-127130,630
2223+0,00	0,000	3,560	0,000	70,220	1708,940	128909,790	-127200,850
2224+0,00	0,000	3,290	0,000	68,470	1708,940	128978,260	-127269,320
2225+0,00	0,000	3,130	0,000	64,260	1708,940	129042,520	-127333,580
2226+0,00	0,000	3,150	0,000	62,800	1708,940	129105,320	-127396,380
2227+0,00	0,000	3,950	0,000	70,960	1708,940	129176,280	-127467,340
2228+0,00	0,000	5,120	0,000	90,680	1708,940	129266,960	-127558,020
2229+0,00	0,000	4,170	0,000	92,850	1708,940	129359,810	-127650,870
2230+0,00	0,000	3,160	0,000	73,280	1708,940	129433,090	-127724,150

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Projetos
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)
2231+0,00	0,000	2,150	0,000	53,090	1708,940	129486,180	-127777,240
2232+0,00	0,000	3,140	0,000	52,850	1708,940	129539,030	-127830,090
2233+0,00	0,000	3,040	0,000	61,820	1708,940	129600,850	-127891,910
2234+0,00	0,000	3,010	0,000	60,510	1708,940	129661,360	-127952,420
2235+0,00	0,000	2,300	0,000	53,080	1708,940	129714,440	-128005,500
2236+0,00	0,000	2,680	0,000	49,810	1708,940	129764,250	-128055,310
2237+0,00	0,000	2,740	0,000	54,180	1708,940	129818,430	-128109,490
2238+0,00	0,000	2,930	0,000	56,690	1708,940	129875,110	-128166,170
2239+0,00	0,000	3,270	0,000	61,980	1708,940	129937,100	-128228,160
2240+0,00	0,000	3,070	0,000	63,440	1708,940	130000,540	-128291,600
2241+0,00	0,000	2,800	0,000	58,690	1708,940	130059,230	-128350,290
2242+0,00	0,000	2,280	0,000	51,000	1708,940	130110,220	-128401,280
2243+0,00	0,000	1,450	0,000	37,300	1708,940	130147,530	-128438,590
2244+0,00	0,000	1,730	0,000	31,970	1708,940	130179,490	-128470,550
2245+0,00	0,000	1,790	0,000	35,190	1708,940	130214,680	-128505,740
2246+0,00	0,000	3,210	0,000	50,010	1708,940	130264,690	-128555,750
2247+0,00	0,000	3,880	0,000	70,880	1708,940	130335,570	-128626,630
2248+0,00	0,000	3,370	0,000	72,500	1708,940	130408,070	-128699,130
2249+0,00	0,000	2,610	0,000	59,860	1708,940	130467,930	-128758,990
2250+0,00	0,000	2,320	0,000	49,280	1708,940	130517,210	-128808,270
2251+0,00	0,000	2,870	0,000	51,830	1708,940	130569,050	-128860,110
2252+0,00	0,000	2,460	0,000	53,260	1708,940	130622,300	-128913,360
2253+0,00	0,000	2,650	0,000	51,120	1708,940	130673,430	-128964,490
2254+0,00	0,000	2,770	0,000	54,280	1708,940	130727,710	-129018,770
2255+0,00	0,000	2,090	0,000	48,660	1708,940	130776,370	-129067,430
2256+0,00	0,000	1,950	0,000	40,420	1708,940	130816,790	-129107,850
2257+0,00	0,000	3,010	0,000	49,620	1708,940	130866,420	-129157,480
2258+0,00	0,000	3,240	0,000	62,510	1708,940	130928,930	-129219,990
2259+0,00	0,000	3,140	0,000	63,810	1708,940	130992,730	-129283,790
2260+0,00	0,000	2,690	0,000	58,400	1708,940	131051,130	-129342,190
2261+0,00	0,010	0,800	0,060	34,980	1709,000	131086,110	-129377,110
2262+0,00	0,000	2,170	0,060	29,650	1709,060	131115,770	-129406,710
2263+0,00	0,000	2,100	0,000	42,750	1709,060	131158,510	-129449,450
2264+0,00	0,000	1,820	0,000	39,200	1709,060	131197,710	-129488,650
2265+0,00	0,000	1,920	0,000	37,430	1709,060	131235,140	-129526,080
2266+0,00	0,000	3,550	0,000	54,640	1709,060	131289,780	-129580,720
2267+0,00	0,000	4,070	0,000	76,190	1709,060	131365,970	-129656,910
2268+0,00	0,000	3,200	0,000	72,710	1709,060	131438,680	-129729,620
2269+0,00	0,000	2,710	0,000	59,100	1709,060	131497,780	-129788,720
2270+0,00	0,000	2,260	0,000	49,730	1709,060	131547,520	-129838,460
2271+0,00	0,000	1,690	0,000	39,520	1709,060	131587,040	-129877,980
2272+0,00	0,000	2,510	0,000	42,050	1709,060	131629,090	-129920,030
2273+0,00	0,000	3,300	0,000	58,070	1709,060	131687,160	-129978,100
2274+0,00	0,000	3,770	0,000	70,610	1709,060	131757,770	-130048,710
2275+0,00	0,000	3,490	0,000	72,560	1709,060	131830,340	-130121,280
2276+0,00	0,000	4,010	0,000	75,020	1709,060	131905,350	-130196,290
2277+0,00	0,000	3,300	0,000	73,110	1709,060	131978,460	-130269,400
2278+0,00	0,000	3,330	0,000	66,320	1709,060	132044,780	-130335,720
2279+0,00	0,000	3,830	0,000	71,620	1709,060	132116,410	-130407,350
2280+0,00	0,000	4,110	0,000	79,410	1709,060	132195,810	-130486,750
2281+0,00	0,000	2,920	0,000	70,280	1709,060	132266,090	-130557,030
2282+0,00	0,000	2,530	0,000	54,480	1709,060	132320,570	-130611,510
2283+0,00	0,000	2,660	0,000	51,900	1709,060	132372,480	-130663,420
2284+0,00	0,000	2,650	0,000	53,060	1709,060	132425,540	-130716,480
2285+0,00	0,000	2,750	0,000	53,940	1709,060	132479,480	-130770,420
2286+0,00	0,000	2,880	0,000	56,240	1709,060	132535,730	-130826,670
2287+0,00	0,000	2,990	0,000	58,630	1709,060	132594,350	-130885,290
2288+0,00	0,000	2,950	0,000	59,360	1709,060	132653,710	-130944,650
2289+0,00	0,000	3,030	0,000	59,810	1709,060	132713,520	-131004,460
2290+0,00	0,000	2,880	0,000	59,150	1709,060	132772,670	-131063,610
2291+0,00	0,000	2,540	0,000	54,200	1709,060	132826,870	-131117,810
2292+0,00	0,000	2,180	0,000	47,180	1709,060	132874,060	-131165,000
2293+0,00	0,000	2,250	0,000	44,310	1709,060	132918,360	-131209,300
2294+0,00	0,000	2,950	0,000	51,970	1709,060	132970,330	-131261,270

Osvaldo Leôncio da Silva Filho
Diretor da Unidade de Programas
Projetos e Obras - DUPPO
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)
2295+0,00	0,000	1,640	0,000	45,860	1709,060	133016,190	-131307,130
2296+0,00	0,000	1,710	0,000	33,490	1709,060	133049,680	-131340,620
2297+0,00	0,000	2,690	0,000	44,040	1709,060	133093,720	-131384,660
2298+0,00	0,000	4,240	0,000	69,280	1709,060	133163,000	-131453,940
2299+0,00	0,000	5,430	0,000	96,620	1709,060	133259,620	-131550,560
2300+0,00	0,000	4,650	0,000	100,750	1709,060	133360,370	-131651,310
2301+0,00	0,000	3,290	0,000	79,420	1709,060	133439,790	-131730,730
2302+0,00	0,000	4,740	0,000	80,350	1709,060	133520,140	-131811,080
2303+0,00	0,000	4,900	0,000	96,390	1709,060	133616,530	-131907,470
2304+0,00	0,000	3,500	0,000	83,970	1709,060	133700,500	-131991,440
2305+0,00	0,000	2,590	0,000	60,870	1709,060	133761,380	-132052,320
2306+0,00	0,000	2,050	0,000	46,340	1709,060	133807,720	-132098,660
2307+0,00	0,000	2,080	0,000	41,270	1709,060	133848,990	-132139,930
2308+0,00	0,000	2,950	0,000	50,340	1709,060	133899,330	-132190,270
2309+0,00	0,000	2,780	0,000	57,300	1709,060	133956,630	-132247,570
2310+0,00	0,000	3,560	0,000	63,390	1709,060	134020,020	-132310,960
2311+0,00	0,000	4,200	0,000	77,720	1709,060	134097,740	-132388,680
2312+0,00	0,000	4,740	0,000	89,420	1709,060	134187,160	-132478,100
2313+0,00	0,000	4,650	0,000	93,920	1709,060	134281,080	-132572,020
2314+0,00	0,000	3,770	0,000	84,230	1709,060	134365,310	-132656,250
2315+0,00	0,000	2,790	0,000	65,670	1709,060	134430,980	-132721,920
2316+0,00	0,000	2,570	0,000	53,620	1709,060	134484,600	-132775,540
2317+0,00	0,000	2,920	0,000	54,930	1709,060	134539,530	-132830,470
2318+0,00	0,000	2,930	0,000	58,500	1709,060	134598,030	-132888,970
2319+0,00	0,000	2,610	0,000	55,320	1709,060	134653,360	-132944,300
2320+0,00	0,000	3,360	0,000	59,670	1709,060	134713,030	-133003,970
2321+0,00	0,000	4,190	0,000	75,480	1709,060	134788,510	-133079,450
2322+0,00	0,000	5,050	0,000	92,380	1709,060	134880,890	-133171,830
2323+0,00	0,000	5,210	0,000	102,580	1709,060	134983,470	-133274,410
2324+0,00	0,000	4,940	0,000	101,480	1709,060	135084,950	-133375,890
2325+0,00	0,000	4,790	0,000	97,320	1709,060	135182,270	-133473,210
2326+0,00	0,000	5,290	0,000	100,800	1709,060	135283,070	-133574,010
2327+0,00	0,000	4,890	0,000	101,840	1709,060	135384,910	-133675,850
2328+0,00	0,000	4,600	0,000	94,860	1709,060	135479,770	-133770,710
2329+0,00	0,000	3,670	0,000	82,660	1709,060	135562,440	-133853,380
2330+0,00	0,000	2,310	0,000	59,770	1709,060	135622,200	-133913,140
2331+0,00	0,090	1,650	0,850	39,560	1709,910	135661,760	-133951,850
2332+0,00	0,320	1,060	4,110	26,940	1714,020	135688,710	-133974,690
2333+0,00	0,000	2,240	3,230	33,010	1717,260	135721,720	-134004,460
2334+0,00	0,000	2,980	0,000	52,210	1717,260	135773,930	-134056,670
2335+0,00	0,030	2,230	0,310	52,030	1717,570	135825,960	-134108,390
2336+0,00	0,000	3,330	0,310	55,530	1717,870	135881,490	-134163,620
2337+0,00	0,000	2,740	0,000	60,710	1717,870	135942,200	-134224,330
2338+0,00	0,150	2,160	1,510	49,050	1719,390	135991,250	-134271,860
2338+15,00	0,990	0,510	8,550	20,060	1727,930	136011,300	-134283,370

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15.0 PERCURSO E SITUAÇÃO (RELATÓRIO FOTOGRÁFICO)

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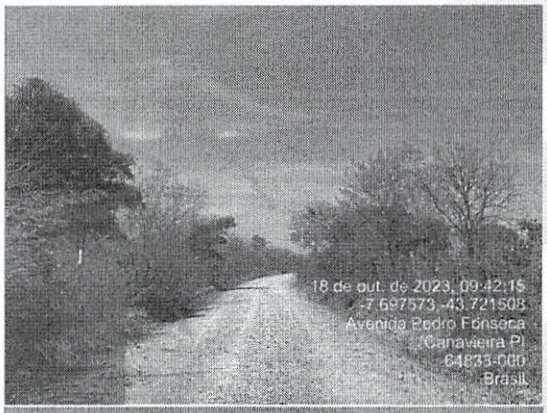
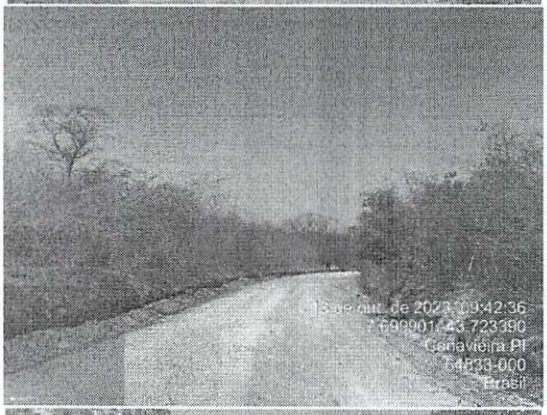
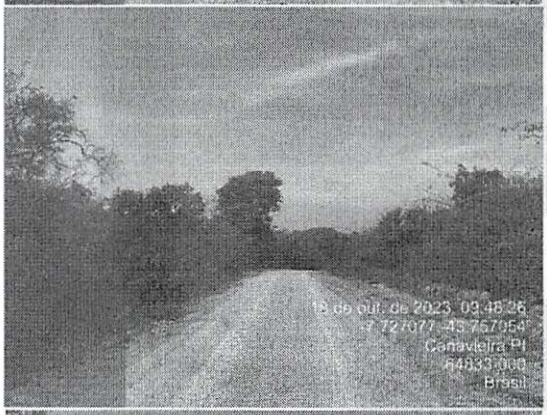
15.0 PERCURSO E SITUAÇÃO (RELATÓRIO FOTOGRÁFICO)

- **TRECHO I:** Inicia no município de Canavieira - PI e finaliza no município de Eliseu Martins-PI:







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Secretaria das Cidades (Secid)

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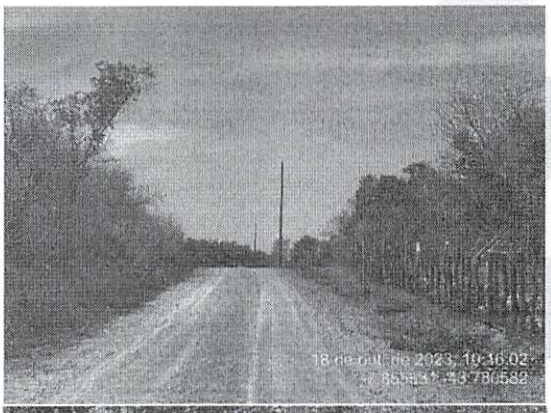

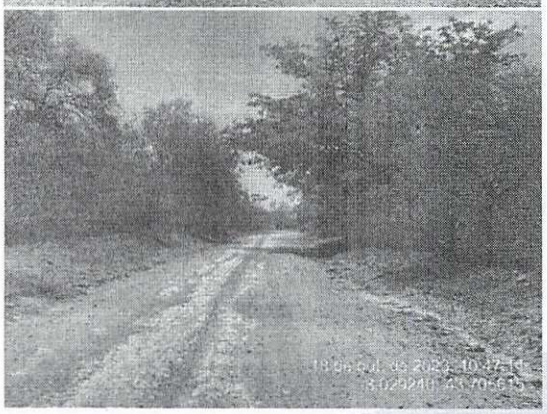
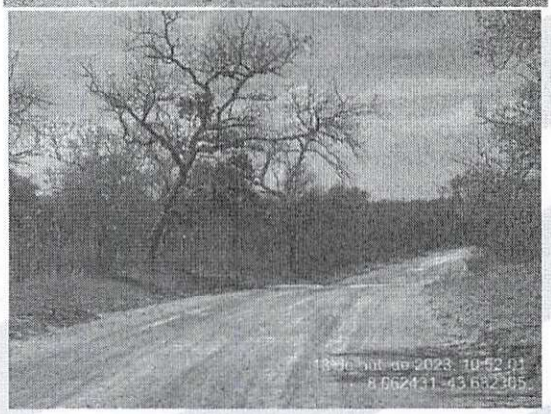

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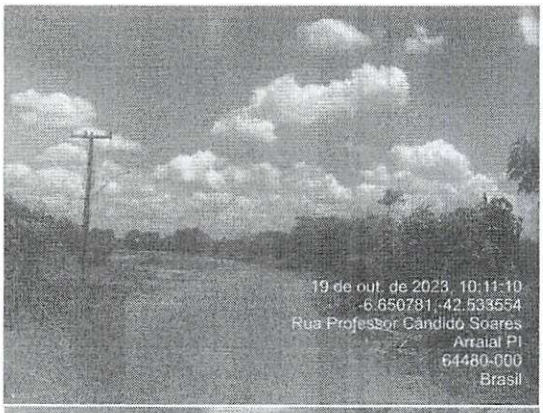
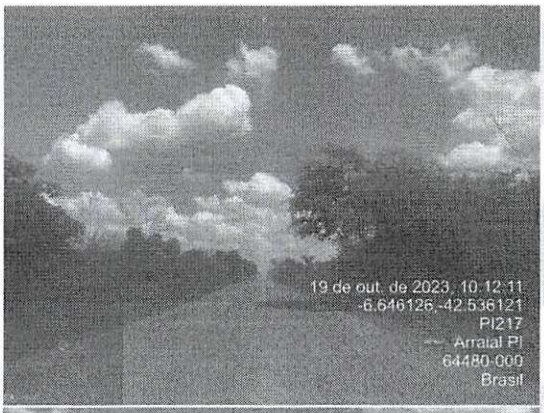
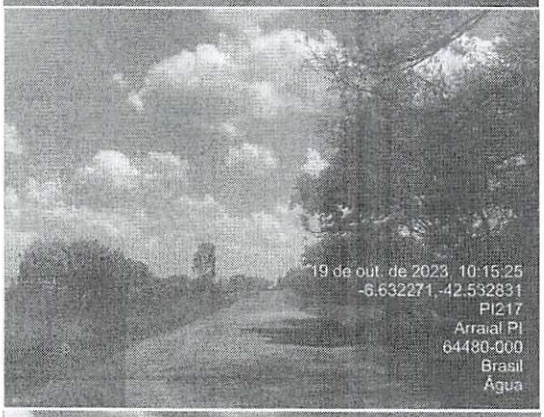
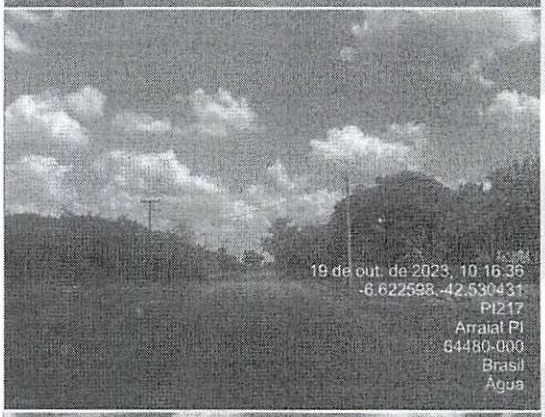
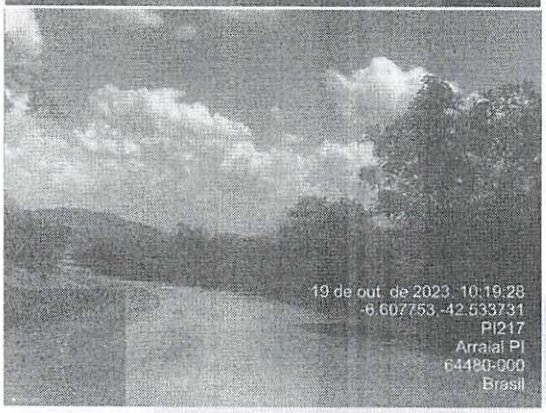
TRECHO II: Inicia no Município de Arraial-PI e finaliza no município de Regeneração-PI (Pov. Jacaré):











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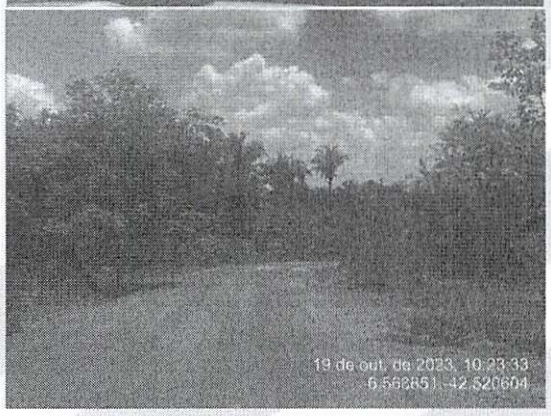

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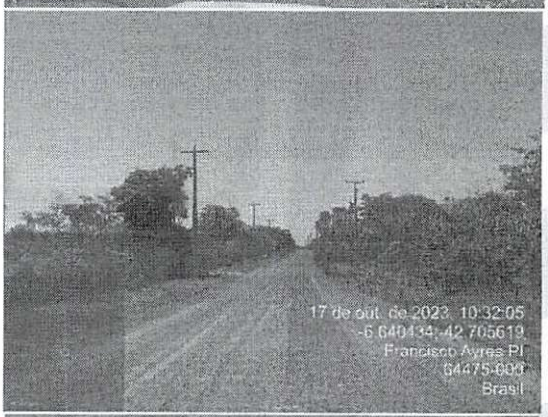
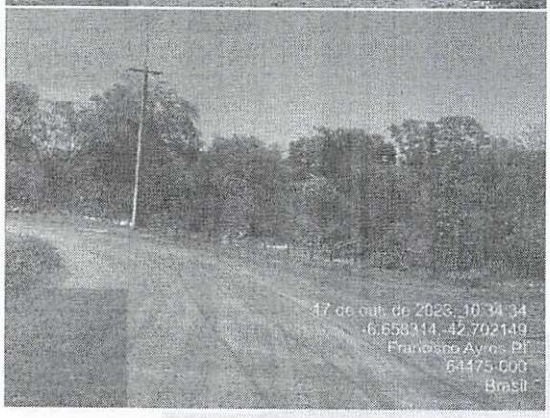
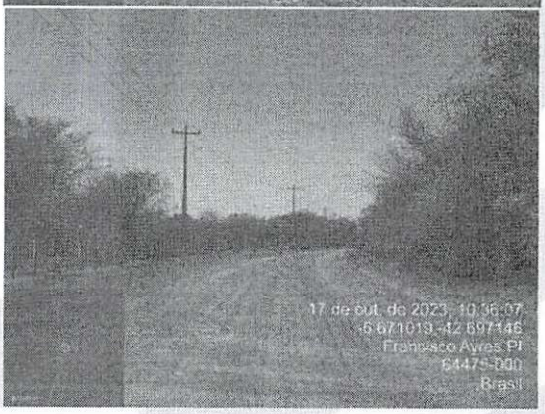
TRECHO III: Inicia no Município de Francisco Ayres-PI e finaliza no município de Nazaré do Piauí-PI:







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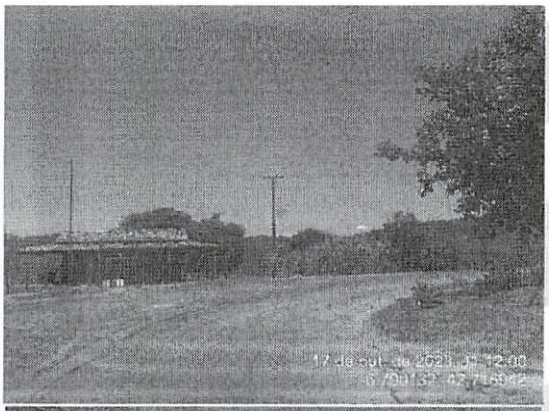

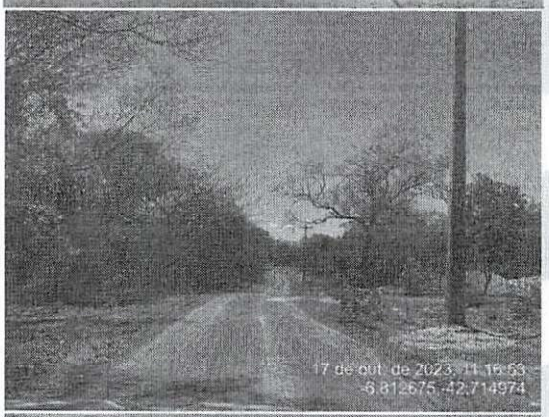

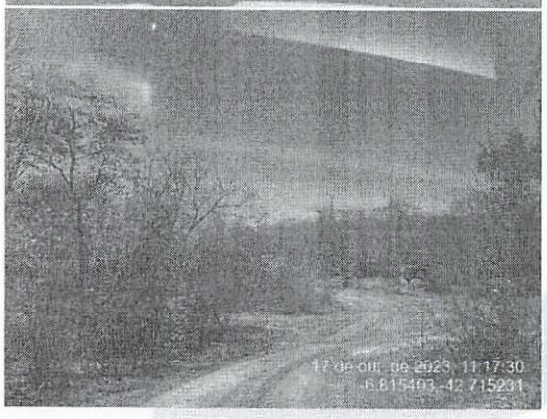

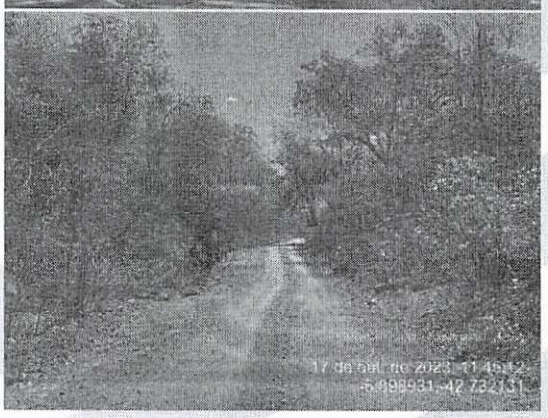

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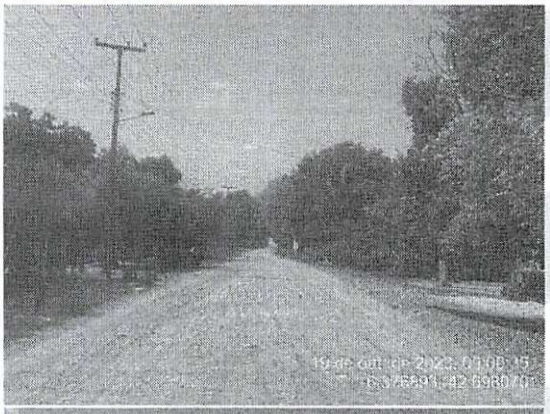
- **TRECHO IV:** Inicia no Município de Francisco Ayres e finaliza no Município de Amarante-PI (Entronc. BR-343):



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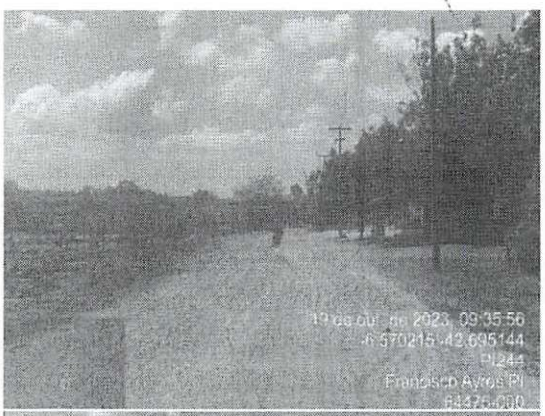

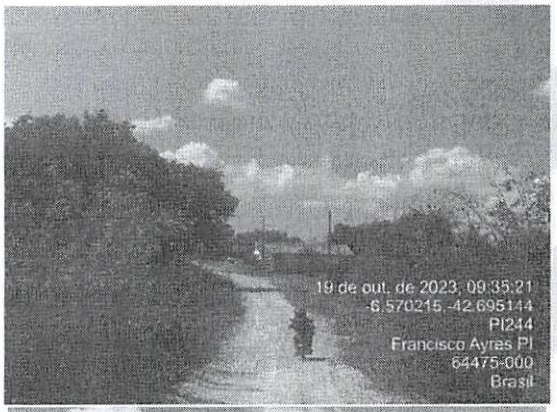

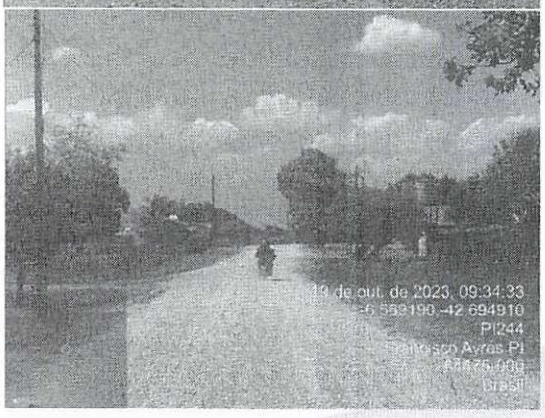

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