

SECRETARIA DE MOBILIDADE

SUTEC - SUPERINTENDÊNCIA
TÉCNICA



NOTA DE SERVIÇO DE TERRAPLENAGEM

Relatório criado em: 7/2/2019

Horário: 4:29pm

ESTACAS	LADO ESQUERDO				EIXO RUA SAO BARTOLOMEU			LADO DIREITO			
	OFF_SET (Distância)	BORDO			Cota do Terreno	Cota do Projeto	Altura	BORDO			OFF_SET (Distância)
		Cota	Afastamento	Inclinação				Inclinação	Afastamento	Cota	
0+000.000	-4.772	948.108	-4.5	-3.00%	949.193	948.843	-0.350	-3.00%	4.5	948.108	5.125
0+010.000	-4.928	948.275	-4.5	-3.00%	949.349	949.010	-0.339	-3.00%	4.5	948.275	5.635
0+020.000	-4.799	948.356	-4.5	-3.00%	949.405	949.091	-0.314	-3.00%	4.5	948.356	5.298
0+030.000	-4.824	948.182	-4.5	-3.00%	949.265	948.917	-0.348	-3.00%	4.5	948.182	5.094
0+040.000	-4.850	948.007	-4.5	-3.00%	948.924	948.742	-0.182	-3.00%	4.5	948.007	4.890
0+050.000	-5.004	947.600	-4.5	-3.00%	948.489	948.335	-0.154	-3.00%	4.5	947.600	4.852
0+060.000	-5.158	947.193	-4.5	-3.00%	948.128	947.928	-0.200	-3.00%	4.5	947.193	4.815
0+070.000	-5.102	946.685	-4.5	-3.00%	947.797	947.420	-0.377	-0.33%	4.5	946.719	4.818
0+080.000	-5.033	946.134	-4.5	-3.00%	947.255	946.869	-0.386	-0.02%	4.5	946.268	4.702
0+090.000	-5.134	945.512	-4.5	-3.00%	946.859	946.247	-0.612	2.20%	4.5	945.746	4.823
0+100.000	-4.956	944.767	-4.5	-3.84%	945.720	945.539	-0.181	3.17%	4.5	945.082	4.901
0+110.000	-4.784	943.998	-4.5	-3.83%	944.767	944.771	0.004	-3.35%	4.5	944.313	4.725
0+120.000	-4.518	943.217	-4.5	-3.84%	943.916	943.990	0.074	-3.65%	4.5	943.533	4.560
0+130.000	-4.629	942.424	-4.5	-3.84%	943.169	943.197	0.028	-3.77%	4.5	942.740	4.694
0+140.000	-4.685	941.677	-4.5	-3.84%	942.439	942.450	0.011	-3.66%	4.5	941.992	4.635
0+150.000	-4.644	941.070	-4.5	-3.00%	941.955	941.805	-0.150	1.87%	4.5	941.291	4.547
0+160.000	-4.800	940.529	-4.5	-3.00%	941.516	941.264	-0.252	-0.31%	4.5	940.650	4.727
0+170.000	-4.937	940.102	-4.5	-3.00%	941.154	940.837	-0.317	-0.33%	4.5	940.123	5.008
0+180.000	-5.003	939.757	-4.5	-3.00%	940.918	940.492	-0.426	-3.00%	4.5	939.757	4.886
0+190.000	-4.769	939.525	-4.5	-3.00%	940.508	940.260	-0.248	-3.00%	4.5	939.525	4.887
0+200.000	-4.836	939.345	-4.5	-3.00%	940.263	940.080	-0.183	-3.00%	4.5	939.345	4.970
0+210.000	-4.773	939.165	-4.5	-3.00%	940.017	939.900	-0.117	-3.00%	4.5	939.165	4.708
0+220.000	-4.738	938.985	-4.5	-3.00%	939.776	939.720	-0.056	-0.53%	4.5	939.030	4.568
0+230.000	-4.752	938.805	-4.5	-3.00%	939.567	939.540	-0.027	-0.69%	4.5	938.950	4.524
0+240.000	-4.792	938.620	-4.5	-3.11%	939.394	939.360	-0.034	-3.03%	4.5	938.870	4.627
0+250.000	-4.778	938.407	-4.5	-3.84%	939.255	939.180	-0.075	3.17%	4.5	938.723	4.638
0+260.000	-4.807	938.227	-4.5	-3.84%	939.079	939.000	-0.079	-3.54%	4.5	938.543	4.557

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		Cota	Afastamento	Inclinação				Inclinação	Afastamento	Cota	
0+270.000	-4.903	938.047	-4.5	-3.84%	938.950	938.820	-0.130	-3.64%	4.5	938.363	4.955
0+280.000	-5.148	937.860	-4.5	-3.00%	938.918	938.595	-0.323	1.01%	4.5	938.041	4.995
0+290.000	-5.314	937.531	-4.5	-3.00%	938.361	938.266	-0.095	-3.00%	4.5	937.612	4.845
0+300.000	-5.238	937.141	-4.5	-3.00%	937.939	937.876	-0.063	-3.00%	4.5	937.141	4.908
0+310.000	-5.295	936.602	-4.5	-3.00%	937.515	937.337	-0.178	-3.00%	4.5	936.602	4.777
0+320.000	-5.352	936.063	-4.5	-3.00%	937.032	936.798	-0.234	-3.00%	4.5	936.063	4.647
0+330.000	-5.279	935.344	-4.5	-3.00%	936.411	936.079	-0.332	-3.00%	4.5	935.344	4.750
0+340.000	-5.206	934.625	-4.5	-3.00%	935.726	935.360	-0.366	-3.00%	4.5	934.625	4.853
0+350.000	-5.371	933.772	-4.5	-3.00%	934.804	934.507	-0.297	-3.00%	4.5	933.772	5.599
0+360.000	-4.591	932.873	-4.5	-3.00%	933.775	933.608	-0.167	-3.00%	4.5	932.873	4.913
0+370.000	-4.771	931.975	-4.5	-3.00%	932.771	932.710	-0.061	-3.00%	4.5	931.975	4.777
0+380.000	-4.951	931.076	-4.5	-3.00%	931.839	931.811	-0.028	-0.53%	4.5	931.076	4.641
0+390.000	-4.876	930.251	-4.5	-3.00%	931.030	930.990	-0.040	0.49%	4.5	930.258	4.822
0+400.000	-5.207	929.486	-4.5	-3.00%	930.357	930.221	-0.136	-3.00%	4.5	929.486	4.882
0+410.000	-5.229	928.898	-4.5	-3.00%	929.774	929.633	-0.141	-3.00%	4.5	928.898	4.909
0+420.000	-5.252	928.310	-4.5	-3.00%	929.321	929.045	-0.276	-3.00%	4.5	928.310	4.935
0+430.000	-5.300	927.928	-4.5	-3.00%	928.941	928.663	-0.278	-3.00%	4.5	927.928	4.971
0+440.000	-5.349	927.547	-4.5	-3.00%	928.643	928.282	-0.361	-3.00%	4.5	927.547	5.006
0+450.000	-5.268	927.269	-4.5	-3.00%	928.362	928.004	-0.358	-3.00%	4.5	927.269	4.953
0+460.000	-5.188	926.990	-4.5	-3.00%	928.090	927.725	-0.365	-3.00%	4.5	926.990	4.899
0+470.000	-5.171	926.712	-4.5	-3.00%	927.810	927.447	-0.363	-3.00%	4.5	926.712	4.962
0+480.000	-5.153	926.434	-4.5	-3.00%	927.535	927.169	-0.366	-3.00%	4.5	926.434	5.025
0+490.000	-5.031	926.156	-4.5	-3.00%	927.224	926.891	-0.333	-3.00%	4.5	926.156	5.055
0+500.000	-4.909	925.878	-4.5	-3.00%	926.787	926.613	-0.174	-3.00%	4.5	925.878	5.084
0+510.000	-4.740	925.536	-4.5	-3.00%	926.315	926.271	-0.044	-3.00%	4.5	925.536	4.914
0+520.000	-4.570	925.194	-4.5	-3.00%	925.943	925.929	-0.014	-3.00%	4.5	925.194	4.744
0+530.000	-4.758	924.724	-4.5	-3.00%	925.600	925.459	-0.141	-3.00%	4.5	924.724	4.831
0+540.000	-4.945	924.254	-4.5	-3.00%	925.332	924.989	-0.343	-3.00%	4.5	924.254	4.918
0+550.000	-4.801	923.656	-4.5	-3.00%	924.474	924.391	-0.083	-3.00%	4.5	923.656	4.850
0+560.000	-4.658	923.058	-4.5	-3.00%	923.828	923.793	-0.035	-0.35%	4.5	923.058	4.782
0+570.000	-4.814	922.333	-4.5	-3.00%	923.205	923.068	-0.137	-3.00%	4.5	922.333	4.978
0+580.000	-4.971	921.607	-4.5	-3.00%	922.551	922.342	-0.209	-3.00%	4.5	921.607	5.174
0+590.000	-4.875	920.824	-4.5	-2.85%	921.890	921.553	-0.337	-3.00%	4.5	920.818	5.073
0+600.000	-4.586	920.127	-4.5	-0.63%	921.127	920.755	-0.372	-3.00%	4.5	920.020	4.964
0+610.000	-4.763	919.412	-4.5	1.77%	920.171	919.941	-0.230	-3.00%	4.5	919.206	4.868
0+620.000	-4.647	918.654	-4.5	3.17%	919.258	919.111	-0.147	-3.84%	4.5	918.338	4.560
0+630.000	-4.750	917.807	-4.5	3.17%	918.332	918.264	-0.068	3.49%	4.5	917.492	4.629
0+640.000	-5.122	916.917	-4.5	2.55%	917.519	917.402	-0.117	2.85%	4.5	916.657	4.807
0+650.000	-4.595	915.938	-4.5	0.33%	916.293	916.523	0.230	-3.00%	4.5	915.788	5.043
0+660.000	-4.810	914.950	-4.5	-1.89%	915.340	915.635	0.295	-3.00%	4.5	914.900	4.842
0+670.000	-4.990	914.013	-4.5	-3.00%	914.412	914.748	0.336	-3.00%	4.5	914.013	4.706
0+680.000	-5.202	913.126	-4.5	-3.00%	913.517	913.861	0.344	-3.00%	4.5	913.126	4.809

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		Cota	Afastamento	Inclinação				Inclinação	Afastamento	Cota	
0+690.000	-4.931	912.239	-4.5	-3.00%	912.805	912.974	0.169	-3.00%	4.5	912.239	4.665
0+700.000	-4.661	911.351	-4.5	-3.00%	912.113	912.086	-0.027	-0.04%	4.5	911.351	4.522
0+710.000	-4.673	910.464	-4.5	-3.00%	911.163	911.199	0.036	-3.00%	4.5	910.464	4.660
0+720.000	-4.685	909.577	-4.5	-3.00%	910.183	910.312	0.129	-3.00%	4.5	909.577	4.798
0+730.000	-4.726	908.684	-4.5	-3.00%	909.353	909.419	0.066	-3.00%	4.5	908.684	4.686
0+740.000	-4.768	907.790	-4.5	-3.00%	908.607	908.525	-0.082	-0.17%	4.5	907.790	4.573
0+750.000	-4.724	906.894	-4.5	-0.65%	907.756	907.623	-0.133	-3.00%	4.5	906.888	4.855
0+760.000	-4.833	906.086	-4.5	-0.65%	907.129	906.715	-0.414	-3.00%	4.5	905.980	5.379
0+770.000	-5.216	905.271	-4.5	1.77%	906.295	905.800	-0.495	-3.00%	4.5	905.065	5.098
0+780.000	-5.711	904.423	-4.5	3.17%	905.042	904.880	-0.162	-3.84%	4.5	904.108	5.250
0+790.000	-5.191	903.500	-4.5	3.16%	904.064	903.957	-0.107	-3.83%	4.5	903.184	5.561
0+800.000	-4.572	902.576	-4.5	3.17%	903.201	903.034	-0.167	-3.84%	4.5	902.261	4.968
0+810.000	-4.925	901.653	-4.5	3.16%	902.350	902.111	-0.239	-3.85%	4.5	901.338	4.868
0+820.000	-4.714	900.730	-4.5	3.17%	901.447	901.187	-0.260	-3.84%	4.5	900.415	4.779
0+830.000	-4.733	899.893	-4.5	3.17%	900.404	900.350	-0.054	-3.82%	4.5	899.577	4.902
0+840.000	-4.767	899.226	-4.5	3.17%	899.616	899.684	0.068	3.42%	4.5	898.911	4.675
0+850.000	-4.536	899.331	-4.5	3.16%	899.202	899.189	-0.013	-3.84%	4.5	899.016	4.776
0+860.000	-4.653	898.408	-4.5	3.17%	898.941	898.866	-0.075	-3.84%	4.5	898.093	4.685
0+870.000	-4.717	898.256	-4.5	3.17%	898.859	898.714	-0.145	-3.84%	4.5	897.941	5.466
0+880.000	-4.529	898.237	-4.5	2.32%	898.880	898.733	-0.147	-3.00%	4.5	897.998	4.515
0+890.000	-4.597	898.341	-4.5	-0.33%	899.058	898.936	-0.122	-3.00%	4.5	898.201	4.621
0+900.000	-10.632	898.591	-4.5	-2.12%	899.335	899.286	-0.049	-3.00%	4.5	898.551	4.523
0+910.000	-6.369	899.137	-4.5	-3.00%	899.714	899.872	0.158	-3.00%	4.5	899.137	4.524
0+920.000	-4.594	899.790	-4.5	-3.00%	900.479	900.525	0.046	-0.28%	4.5	899.790	4.520
0+930.000	-4.780	900.752	-4.5	-3.00%	901.530	901.487	-0.043	-3.00%	4.5	900.752	4.521
0+940.000	-4.966	901.714	-4.5	-3.00%	902.658	902.449	-0.209	-0.02%	4.5	901.714	4.521
0+950.000	-4.744	902.847	-4.5	-3.00%	903.634	903.582	-0.052	-3.00%	4.5	902.847	5.026
0+960.000	-4.522	903.981	-4.5	-3.00%	904.933	904.716	-0.217	-3.00%	4.5	903.981	5.531
0+970.000	-4.534	905.114	-4.5	-3.00%	906.185	905.849	-0.336	-3.00%	4.5	905.114	5.156
0+980.000	-4.546	906.248	-4.5	-3.00%	907.278	906.983	-0.295	-0.18%	4.5	906.248	4.780
0+990.000	-4.680	907.381	-4.5	-3.00%	908.386	908.116	-0.270	-0.08%	4.5	907.381	4.637
1+000.000	-4.679	908.493	-4.5	-3.00%	909.510	909.228	-0.282	-3.00%	4.5	908.493	4.524
1+010.000	-4.639	909.543	-4.5	-3.00%	910.528	910.278	-0.250	-3.00%	4.5	909.543	4.578
1+020.000	-4.598	910.592	-4.5	-3.00%	911.471	911.327	-0.144	-0.25%	4.5	910.592	4.632
1+030.000	-4.665	911.556	-4.5	-3.00%	912.496	912.291	-0.205	-3.00%	4.5	911.556	4.593
1+040.000	-4.731	912.521	-4.5	-3.00%	913.533	913.256	-0.277	-0.03%	4.5	912.521	4.553
1+050.000	-4.753	913.426	-4.5	-3.00%	914.448	914.147	-0.301	-3.46%	4.5	913.398	4.524
1+060.000	-5.067	914.281	-4.5	-3.00%	915.288	915.016	-0.272	-0.08%	4.5	914.281	4.562
1+070.000	-5.347	915.098	-4.5	-3.00%	916.075	915.833	-0.242	-0.41%	4.5	915.098	4.934
1+080.000	-5.158	915.894	-4.5	-3.00%	916.886	916.629	-0.257	-3.00%	4.5	915.894	5.075
1+090.000	-5.196	916.690	-4.5	-3.00%	917.734	917.425	-0.309	-3.00%	4.5	916.690	5.011
1+100.000	-5.233	917.486	-4.5	-3.00%	918.433	918.221	-0.212	-3.00%	4.5	917.486	4.947

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		Cota	Afastamento	Inclinação				Inclinação	Afastamento	Cota	
1+110.000	-5.303	918.282	-4.5	-3.00%	919.411	919.017	-0.394	-3.00%	4.5	918.282	4.911
1+120.000	-5.127	919.052	-4.5	-3.00%	920.031	919.787	-0.244	-3.00%	4.5	919.052	4.921
1+130.000	-5.051	919.745	-4.5	-3.00%	920.740	920.480	-0.260	-3.00%	4.5	919.745	4.844
1+140.000	-4.975	920.438	-4.5	-3.00%	921.397	921.173	-0.224	-3.00%	4.5	920.438	4.767
1+150.000	-4.860	921.039	-4.5	-3.00%	922.003	921.774	-0.229	-3.00%	4.5	921.039	4.676
1+160.000	-4.734	921.659	-4.5	-2.11%	922.558	922.354	-0.204	-3.00%	4.5	921.619	4.520
1+170.000	-4.601	922.269	-4.5	1.77%	923.006	922.864	-0.142	-3.00%	4.5	922.129	4.571
1+180.000	-4.676	922.835	-4.5	2.33%	923.677	923.330	-0.347	2.64%	4.5	922.595	4.575
1+190.000	-4.729	923.284	-4.5	3.17%	923.720	923.741	0.021	3.49%	4.5	922.969	4.619
1+200.000	-4.901	923.669	-4.5	3.17%	924.065	924.126	0.061	3.49%	4.5	923.354	4.591
1+210.000	-4.816	924.023	-4.5	2.36%	924.436	924.512	0.076	-3.03%	4.5	923.771	4.790
1+220.000	-4.775	924.308	-4.5	0.24%	924.846	924.897	0.051	0.74%	4.5	924.162	4.960
1+230.000	-4.609	924.593	-4.5	-0.33%	925.322	925.282	-0.040	-3.00%	4.5	924.547	5.077
1+240.000	-4.599	924.933	-4.5	-3.00%	925.703	925.668	-0.035	-3.00%	4.5	924.933	5.116
1+250.000	-4.713	925.318	-4.5	-3.00%	926.110	926.053	-0.057	-3.00%	4.5	925.318	5.239
1+260.000	-4.826	925.703	-4.5	-3.00%	926.570	926.438	-0.132	-3.00%	4.5	925.703	5.361
1+270.000	-4.799	926.089	-4.5	-3.00%	926.982	926.824	-0.158	-3.00%	4.5	926.089	5.203
1+280.000	-4.771	926.474	-4.5	-3.00%	927.416	927.209	-0.207	-3.00%	4.5	926.474	5.045
1+290.000	-4.658	926.817	-4.5	-3.00%	927.756	927.552	-0.204	-3.00%	4.5	926.817	5.007
1+300.000	-4.544	927.161	-4.5	-3.00%	928.136	927.896	-0.240	-3.00%	4.5	927.161	4.969
1+310.000	-4.690	927.420	-4.5	-3.00%	928.415	928.155	-0.260	-3.00%	4.5	927.420	5.690
1+320.000	-4.835	927.680	-4.5	-3.00%	928.616	928.415	-0.201	-3.00%	4.5	927.680	6.412
1+330.000	-4.703	927.855	-4.5	-3.00%	928.799	928.590	-0.209	-3.00%	4.5	927.855	6.204
1+340.000	-4.570	928.031	-4.5	-3.00%	928.992	928.766	-0.226	-3.00%	4.5	928.031	5.997
1+350.000	-4.541	928.123	-4.5	-3.00%	929.024	928.858	-0.166	-3.00%	4.5	928.123	5.658
1+360.000	-4.511	928.215	-4.5	-3.00%	929.427	928.950	-0.477	-3.00%	4.5	928.215	5.319
1+370.000	-4.583	928.265	-4.5	-3.00%	929.092	929.000	-0.092	-3.00%	4.5	928.265	5.118
1+380.000	-4.656	928.315	-4.5	-3.00%	929.148	929.050	-0.098	-3.00%	4.5	928.315	4.916
1+390.000	-4.620	928.365	-4.5	-3.00%	929.179	929.100	-0.079	-3.00%	4.5	928.365	4.863
1+400.000	-4.585	928.415	-4.5	-3.00%	929.208	929.150	-0.058	-3.00%	4.5	928.415	4.810
1+410.000	-4.558	928.465	-4.5	-3.00%	929.319	929.200	-0.119	-3.00%	4.5	928.465	4.828
1+420.000	-4.532	928.515	-4.5	-3.00%	929.405	929.250	-0.155	-3.00%	4.5	928.515	4.845
1+430.000	-4.538	928.565	-4.5	-3.00%	929.348	929.300	-0.048	-3.00%	4.5	928.565	4.820
1+440.000	-4.545	928.615	-4.5	-3.00%	929.433	929.350	-0.083	-3.00%	4.5	928.615	4.795
1+450.000	-4.548	928.665	-4.5	-3.00%	929.489	929.400	-0.089	-3.00%	4.5	928.665	4.743
1+460.000	-4.550	928.715	-4.5	-3.00%	929.527	929.450	-0.077	-3.00%	4.5	928.715	4.691
1+470.000	-4.544	928.765	-4.5	-3.00%	929.559	929.500	-0.059	-3.00%	4.5	928.765	4.756
1+480.000	-4.592	928.901	-4.5	-1.09%	929.584	929.550	-0.034	-3.00%	4.5	928.815	4.807
1+490.000	-4.702	929.051	-4.5	1.11%	929.622	929.600	-0.022	-3.00%	4.5	928.865	4.669
1+500.000	-4.721	929.134	-4.5	1.86%	929.667	929.650	-0.017	-3.00%	4.5	928.915	4.685
1+510.000	-4.602	929.184	-4.5	1.86%	929.739	929.700	-0.039	-3.00%	4.5	928.965	4.780
1+520.000	-4.628	929.234	-4.5	1.86%	929.822	929.750	-0.072	-3.00%	4.5	929.015	4.860

ESTACAS	LADO ESQUERDO				EIXO RUA SÃO BARTOLOMEU			LADO DIREITO			
	OFF_SET (Distância)	BORDO			Cota do Terreno	Cota do Projeto	Altura	BORDO			OFF_SET (Distância)
		Cota	Afastamento	Inclinação				Inclinação	Afastamento	Cota	
1+530.000	-4.597	929.185	-4.5	-0.33%	929.905	929.800	-0.105	-3.00%	4.5	929.065	5.214
1+540.000	-4.784	929.135	-4.5	-2.55%	930.000	929.850	-0.150	-3.00%	4.5	929.115	5.055
1+550.000	-4.834	929.202	-4.5	-3.00%	930.088	929.937	-0.151	-3.00%	4.5	929.202	5.359
1+560.000	-4.837	929.297	-4.5	-3.00%	930.180	930.032	-0.148	-3.00%	4.5	929.297	5.692
1+570.000	-4.907	929.470	-4.5	-3.00%	930.334	930.205	-0.129	-3.00%	4.5	929.470	5.898
1+580.000	-4.978	929.643	-4.5	-3.00%	930.620	930.378	-0.242	-3.00%	4.5	929.643	6.104
1+590.000	-5.097	929.897	-4.5	-3.00%	930.825	930.632	-0.193	-3.00%	4.5	929.897	5.843
1+600.000	-5.216	930.152	-4.5	-3.00%	931.108	930.887	-0.221	-3.00%	4.5	930.152	5.582
1+610.000	-5.134	930.448	-4.5	-3.00%	931.373	931.183	-0.190	-3.00%	4.5	930.448	5.449
1+620.000	-5.052	930.743	-4.5	-3.00%	931.706	931.478	-0.228	-3.00%	4.5	930.743	5.315
1+630.000	-4.976	931.039	-4.5	-3.00%	932.014	931.774	-0.240	-3.00%	4.5	931.039	5.440
1+640.000	-4.900	931.335	-4.5	-3.00%	932.308	932.070	-0.238	-3.00%	4.5	931.335	5.566
1+650.000	-5.205	931.631	-4.5	-3.00%	932.594	932.366	-0.228	-3.00%	4.5	931.631	5.382
1+660.000	-5.509	931.926	-4.5	-3.00%	932.987	932.661	-0.326	-3.00%	4.5	931.926	5.199
1+661.988	-5.608	931.985	-4.5	-3.00%	933.070	932.720	-0.350	-3.00%	4.5	931.985	5.210