



OBJETO: PAVIMENTAÇÃO NA ÁREA RURAL DO MUNICÍPIO DE RIO PRETO DA EVA/AM.

LOCAL: RAMAL PARAÍBA NA ZONA RURAL DO MUNICÍPIO DE RIO PRETO DA EVA / AM

INTERESSADO: PREFEITURA MUNICIPAL DE RIO PRETO DA EVA / AM

VOLUME TERRAPLANAGEM

RAMAL PARAIBA RAMAL PARAIBA 0+0.000 200+2.135

Lado Esquerdo						Eixo						Lado Direito					
ETW_Sub			Daylight			Estaca	Pontos Notáveis da Geometria Horizontal	Pontos Notáveis da Geometria Vertical	Cota Projeto	Cota Terreno	Cota Vermelha	ETW_Sub			Daylight		
Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)							Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)
-3.100	33.006	-2.00	-3.178	33.084	100.00	0+0.000			33.168	33.168	0.000	3.100	33.006	-2.00	3.169	33.075	100.00
-3.100	33.569	-2.00	-3.641	33.208	-66.67	1+0.000			33.731	33.402	0.328	3.100	33.569	-2.00	3.352	33.401	-66.67
-3.100	34.255	-2.00	-3.641	33.894	-66.67	2+4.400			34.417	33.871	0.546	3.100	34.255	-2.00	3.352	34.087	-66.67
-3.100	34.694	-2.00	-4.224	35.818	100.00	3+0.000		PCV	34.856	34.660	0.196	3.100	34.694	-2.00	3.308	34.901	100.00
-3.100	35.185	-2.00	-3.649	35.733	100.00	4+0.000		PTV	35.347	35.813	-0.466	3.100	35.185	-2.00	3.811	35.895	100.00
-3.100	35.365	-2.00	-3.515	35.088	-66.67	5+0.000			35.527	35.130	0.397	3.100	35.365	-2.00	3.339	35.205	-66.67
-3.100	35.453	-2.00	-3.828	34.968	-66.67	6+0.000		PCV	35.615	34.896	0.719	3.100	35.453	-2.00	3.836	34.962	-66.67
-3.100	35.545	-2.00	-4.139	34.852	-66.67	7+0.000			35.707	34.928	0.778	3.100	35.545	-2.00	3.829	35.059	-66.67
-3.100	35.695	-2.00	-4.550	34.729	-66.67	8+0.000		PTV	35.857	34.973	0.885	3.100	35.695	-2.00	3.915	35.152	-66.67
-3.100	35.919	-2.00	-4.226	35.168	-66.67	9+0.000			36.081	35.227	0.854	3.100	35.919	-2.00	4.368	35.074	-66.67
-3.100	36.156	-2.00	-3.890	35.629	-66.67	10+0.000		PCV	36.318	35.623	0.695	3.100	36.156	-2.00	4.050	35.523	-66.67
-3.100	36.352	-2.00	-3.370	36.172	-66.67	11+0.000			36.514	36.162	0.352	3.100	36.352	-2.00	3.238	36.261	-66.67
-3.100	36.437	-2.00	-3.731	37.068	100.00	12+0.000			36.599	37.013	-0.414	3.100	36.437	-2.00	3.628	36.965	100.00
-3.100	36.407	-2.00	-3.564	36.871	100.00	13+0.000			36.569	36.838	-0.269	3.100	36.407	-2.00	3.499	36.806	100.00
-3.100	36.264	-2.00	-3.280	36.444	100.00	14+0.000			36.426	36.438	-0.012	3.100	36.264	-2.00	3.362	36.526	100.00
-3.100	36.007	-2.00	-3.193	36.100	100.00	15+0.000		PTV	36.169	36.153	0.016	3.100	36.007	-2.00	3.326	36.233	100.00
-3.100	35.669	-2.00	-3.370	35.939	100.00	16+0.000			35.831	35.924	-0.092	3.100	35.669	-2.00	3.379	35.948	100.00
-3.100	35.328	-2.00	-3.412	35.640	100.00	17+0.000			35.490	35.563	-0.073	3.100	35.328	-2.00	3.307	35.535	100.00
-3.100	34.987	-2.00	-3.344	35.231	100.00	18+0.000			35.149	35.153	-0.004	3.100	34.987	-2.00	3.231	35.118	100.00
-3.100	34.874	-2.00	-3.284	35.058	100.00	19+0.000			35.036	35.093	-0.056	3.100	34.874	-2.00	3.535	35.309	100.00
-3.100	34.777	-2.00	-3.164	34.841	100.00	20+0.000			34.939	34.975	-0.036	3.100	34.777	-2.00	3.288	34.965	100.00
-3.100	34.686	-2.00	-3.367	34.509	-66.67	21+0.000			34.848	34.732	0.116	3.100	34.686	-2.00	3.156	34.742	100.00
-3.100	34.645	-2.00	-4.105	33.975	-66.67	22+0.000			34.807	34.043	0.764	3.100	34.645	-2.00	3.912	34.103	-66.67
-3.100	34.603	-2.00	-4.429	33.717	-66.67	23+0.000			34.765	33.811	0.954	3.100	34.603	-2.00	4.251	33.836	-66.67
-3.100	34.561	-2.00	-4.361	33.721	-66.67	24+0.000			34.723	33.746	0.977	3.100	34.561	-2.00	4.284	33.772	-66.67
-3.100	34.520	-2.00	-4.339	33.694	-66.67	25+0.000			34.682	33.647	1.035	3.100	34.520	-2.00	4.340	33.693	-66.67
-3.100	34.478	-2.00	-4.650	33.445	-66.67	26+0.000			34.640	33.557	1.083	3.100	34.478	-2.00	4.475	33.561	-66.67
-3.100	34.436	-2.00	-5.003	33.167	-66.67	27+0.000			34.598	33.324	1.274	3.100	34.436	-2.00	4.185	33.713	-66.67
-3.100	34.395	-2.00	-5.027	33.110	-66.67	28+0.000			34.557	33.280	1.277	3.100	34.395	-2.00	4.480	33.475	-66.67
-3.100	34.353	-2.00	-4.852	33.185	-66.67	29+0.000			34.515	33.132	1.383	3.100	34.353	-2.00	4.797	33.221	-66.67
-3.100	34.311	-2.00	-4.626	33.294	-66.67	30+0.000			34.473	33.261	1.212	3.100	34.311	-2.00	4.696	33.247	-66.67
-3.100	34.270	-2.00	-4.421	33.389	-66.67	31+0.000			34.432	33.319	1.113	3.100	34.270	-2.00	4.591	33.276	-66.67
-3.100	34.228	-2.00	-4.225	33.478	-66.67	32+0.000			34.390	33.468	0.922	3.100	34.228	-2.00	4.230	33.474	-66.67
-3.100	34.186	-2.00	-3.793	33.724	-66.67	33+0.000			34.348	33.608	0.740	3.100	34.186	-2.00	3.926	33.636	-66.67
-3.100	34.145	-2.00	-3.300	34.345	100.00	34+0.000			34.307	34.209	0.098	3.100	34.145	-2.00	3.134	34.179	100.00
-3.100	34.103	-2.00	-3.775	34.778	100.00	35+0.000			34.265	34.595	-0.330	3.100	34.103	-2.00	3.531	34.534	100.00
-3.100	34.061	-2.00	-3.800	34.761	100.00	36+0.000			34.223	34.738	-0.515	3.100	34.061	-2.00	3.648	34.609	100.00


Tiago de Souza Seixas
Engenheiro Civil
CREA 32011AM

-3.100	34.020	-2.00	-3.895	34.815	100.00	37+0.000			34.182	34.783	-0.602	3.100	34.020	-2.00	3.845	34.764	100.00
-3.100	33.978	-2.00	-4.138	35.016	100.00	38+0.000			34.140	34.994	-0.854	3.100	33.978	-2.00	4.107	34.985	100.00
-3.100	33.936	-2.00	-4.393	35.230	100.00	39+0.000			34.098	35.184	-1.085	3.100	33.936	-2.00	4.386	35.223	100.00
-3.100	33.895	-2.00	-4.568	35.362	100.00	40+0.000			34.057	35.242	-1.185	3.100	33.895	-2.00	4.437	35.232	100.00
-3.100	33.853	-2.00	-4.711	35.464	100.00	41+0.000			34.015	35.249	-1.234	3.100	33.853	-2.00	4.467	35.220	100.00
-3.100	33.811	-2.00	-4.532	35.244	100.00	42+0.000			33.973	35.140	-1.167	3.100	33.811	-2.00	4.411	35.122	100.00
-3.100	33.769	-2.00	-4.133	34.802	100.00	43+0.000	PCV		33.931	34.804	-0.873	3.100	33.769	-2.00	4.126	34.795	100.00
-3.100	33.728	-2.00	-3.831	34.458	100.00	44+0.000			33.890	34.460	-0.570	3.100	33.728	-2.00	3.833	34.461	100.00
-3.100	33.683	-2.00	-3.712	34.295	100.00	45+0.000			33.845	34.208	-0.363	3.100	33.683	-2.00	3.629	34.212	100.00
-3.100	33.635	-2.00	-3.609	34.144	100.00	46+0.000			33.797	33.977	-0.180	3.100	33.635	-2.00	3.447	33.982	100.00
-3.100	33.584	-2.00	-3.214	33.698	100.00	47+0.000			33.746	33.694	0.052	3.100	33.584	-2.00	3.251	33.735	100.00
-3.100	33.530	-2.00	-3.242	33.435	-66.67	48+0.000			33.692	33.361	0.331	3.100	33.530	-2.00	3.188	33.471	-66.67
-3.100	33.473	-2.00	-3.530	33.186	-66.67	49+0.000			33.635	33.028	0.607	3.100	33.473	-2.00	3.494	33.210	-66.67
-3.100	33.412	-2.00	-3.566	33.101	-66.67	50+0.000			33.574	32.919	0.655	3.100	33.412	-2.00	3.496	33.148	-66.67
-3.100	33.348	-2.00	-3.398	33.150	-66.67	51+0.000			33.510	32.986	0.524	3.100	33.348	-2.00	3.275	33.232	-66.67
-3.100	33.282	-2.00	-3.105	33.278	-66.67	52+0.000			33.444	33.142	0.302	3.100	33.282	-2.00	3.188	33.370	100.00
-3.100	33.212	-2.00	-3.259	33.371	100.00	53+0.000			33.374	33.380	-0.006	3.100	33.212	-2.00	3.442	33.553	100.00
-3.100	33.138	-2.00	-3.426	33.464	100.00	54+0.000			33.300	33.617	-0.317	3.100	33.138	-2.00	3.691	33.730	100.00
-3.100	33.062	-2.00	-3.987	33.949	100.00	55+0.000	PTV		33.224	33.823	-0.599	3.100	33.062	-2.00	3.926	33.888	100.00
-3.100	32.983	-2.00	-4.683	34.566	100.00	56+0.000			33.145	34.028	-0.883	3.100	32.983	-2.00	4.164	34.047	100.00
-3.100	32.903	-2.00	-4.611	34.415	100.00	57+0.000	PCV		33.065	33.886	-0.821	3.100	32.903	-2.00	4.299	34.102	100.00
-3.100	32.726	-2.00	-3.739	33.366	100.00	58+0.000			32.888	33.414	-0.525	3.100	32.726	-2.00	4.435	34.062	100.00
-3.100	31.746	-2.00	-4.200	32.846	100.00	59+0.000			31.908	32.941	-1.033	3.100	31.746	-2.00	5.376	34.022	100.00
-3.100	29.820	-2.00	-4.019	30.739	100.00	60+0.000	PTV		29.982	30.865	-0.883	3.100	29.820	-2.00	4.923	31.643	100.00
-3.100	27.079	-2.00	-3.750	27.730	100.00	61+0.000			27.241	27.874	-0.633	3.100	27.079	-2.00	3.938	27.918	100.00
-3.100	24.232	-2.00	-3.246	24.378	100.00	62+0.000	PCV		24.394	24.473	-0.079	3.100	24.232	-2.00	3.356	24.488	100.00
-3.100	21.409	-2.00	-3.500	21.331	-19.46	63+0.000	PTV		21.571	21.555	0.016	3.100	21.409	-2.00	4.751	21.639	13.90
-3.100	19.080	37.32	-3.000	19.043	-3.31	64+0.000			19.242	19.074	0.168	3.100	19.080	-2.00	10.770	17.236	-24.04
-3.100	17.647	-2.00	-3.344	17.484	-66.67	65+0.000	PCV		17.809	17.405	0.404	3.100	17.647	-2.00	3.967	17.069	-66.67
-3.100	16.797	-2.00	-3.152	16.762	-66.67	66+0.000			16.959	16.907	0.052	3.100	16.797	-2.00	3.230	16.927	100.00
-3.100	16.329	-2.00	-3.608	15.990	-66.67	67+0.000	PTV		16.491	16.065	0.426	3.100	16.329	-2.00	3.470	16.082	-66.67
-3.100	16.218	-2.00	-4.165	15.508	-66.67	68+0.000			16.380	15.702	0.677	3.100	16.218	-2.00	3.932	15.663	-66.67
-3.100	16.167	-2.00	-4.076	15.516	-66.67	69+0.000			16.329	15.670	0.659	3.100	16.167	-2.00	3.977	15.582	-66.67
-3.100	16.116	-2.00	-3.535	15.827	-66.67	70+0.000	PCV		16.278	15.819	0.459	3.100	16.116	-2.00	3.942	15.555	-66.67
-3.100	16.071	-2.00	-3.305	16.276	100.00	71+0.000	PTV		16.233	16.184	0.049	3.100	16.071	-2.00	3.224	16.195	100.00
-3.100	16.157	-2.00	-3.860	15.651	-66.67	72+0.000			16.319	15.875	0.444	3.100	16.157	-2.00	3.308	16.019	-66.67
-3.100	16.299	-1.63	-3.565	15.989	-66.67	73+0.000			16.449	16.090	0.360	3.100	16.287	-2.00	3.376	16.103	-66.67
-3.100	16.588	3.50	-3.635	16.232	-66.67	74+0.000			16.580	16.296	0.284	3.100	16.371	-3.50	3.108	16.379	100.00
-3.100	16.667	3.50	-3.635	16.310	-66.67	74+12.014			16.658	16.527	0.131	3.100	16.449	-3.50	3.108	16.458	100.00
-3.100	16.804	2.94	-3.105	16.809	100.00	75+0.000			16.813	16.954	-0.141	3.100	16.622	-2.94	3.601	17.123	100.00
-3.100	17.227	-1.27	-3.271	17.398	100.00	76+0.000			17.366	17.628	-0.262	3.100	17.204	-2.00	3.792	17.896	100.00
-3.100	17.757	-2.00	-3.787	18.445	100.00	77+0.000	PCV		17.919	18.860	-0.941	3.100	17.757	-2.00	4.720	19.378	100.00
-3.100	18.234	-2.00	-4.146	19.280	100.00	78+0.000			18.396	20.225	-1.829	3.100	18.234	-2.00	5.905	21.039	100.00
-3.100	18.472	-2.00	-3.959	19.331	100.00	79+0.000	PTV		18.634	19.789	-1.155	3.100	18.472	-2.00	5.719	21.091	100.00
-3.100	18.546	-2.00	-3.792	19.238	100.00	80+0.000			18.708	19.476	-0.769	3.100	18.546	-2.00	4.449	19.895	100.00
-3.100	18.615	-2.00	-4.347	17.783	-66.67	81+0.000			18.777	18.412	0.364	3.100	18.615	-2.00	3.388	18.903	100.00
-3.100	18.683	-2.00	-5.269	17.238	-66.67	82+0.000	PCV		18.845	17.979	0.866	3.100	18.683	-2.00	3.431	18.462	-66.67
-3.100	19.545	-2.00	-5.068	18.233	-66.67	83+0.000	PTV		19.707	18.456	1.251	3.100	19.545	-2.00	4.429	18.659	-66.67
-3.100	21.788	-2.00	-3.516	21.511	-66.67	84+0.000			21.950	21.694	0.256	3.100	21.788	-2.00	3.172	21.860	100.00
-3.100	24.214	-2.00	-3.311	24.073	-66.67	85+0.000			24.376	24.350	0.026	3.100	24.214	-2.00	3.599	24.713	100.00
-3.100	28.581	-2.00	-3.249	28.729	100.00	86+0.000			28.743	28.814	-0.072	3.100	28.581	-2.00	3.424	28.904	100.00
-3.100	32.947	-2.00	-3.250	33.097	100.00	87+0.000	PCV		33.109	33.312	-0.203	3.100	32.947	-2.00	3.708	33.555	100.00

-3.100	35.508	-2.00	-3.482	35.890	100.00	88+0.000		PTV		35.670	36.146	-0.476	3.100	35.508	-2.00	4.036	36.443	100.00
-3.100	36.853	-2.00	-3.367	37.120	100.00	89+0.000				37.015	37.304	-0.289	3.100	36.853	-2.00	3.755	37.509	100.00
-3.100	37.199	-2.00	-3.108	37.207	100.00	90+0.000				37.361	37.245	0.116	3.100	37.199	-2.00	3.185	37.284	100.00
-3.100	37.367	-2.00	-3.620	37.020	-66.67	91+0.000				37.529	37.085	0.444	3.100	37.367	-2.00	3.431	37.146	-66.67
-3.100	37.619	-2.00	-3.191	37.710	100.00	92+0.000				37.781	37.710	0.071	3.100	37.619	-2.00	3.191	37.710	100.00
-3.100	38.553	-2.00	-3.389	38.842	100.00	93+0.000		PCV		38.715	38.654	0.061	3.100	38.553	-2.00	3.217	38.475	-66.67
-3.100	39.869	-2.00	-4.321	41.090	100.00	94+0.000		PTV		40.031	40.676	-0.645	3.100	39.869	-2.00	3.520	40.290	100.00
-3.100	40.227	-2.00	-3.266	40.393	100.00	95+0.000				40.389	39.776	0.613	3.100	40.227	-2.00	4.863	39.052	-66.67
-3.100	41.042	-2.00	-3.475	41.417	100.00	96+0.000				41.204	40.955	0.249	3.100	41.042	-2.00	4.038	40.417	-66.67
-3.100	41.644	-2.00	-3.508	42.053	100.00	97+0.000				41.806	41.696	0.111	3.100	41.644	-2.00	3.550	41.344	-66.67
-3.100	42.368	-2.00	-3.519	42.787	100.00	98+0.000				42.530	42.541	-0.011	3.100	42.368	-2.00	3.116	42.357	-66.67
-3.100	43.320	-2.00	-3.750	43.970	100.00	99+0.000		PCV		43.482	43.578	-0.096	3.100	43.320	-2.00	3.218	43.242	-66.67
-3.100	44.513	-2.00	-3.727	45.140	100.00	100+0.000		PCV		44.675	44.871	-0.196	3.100	44.513	-2.00	3.224	44.637	100.00
-3.100	44.763	-2.00	-3.484	45.147	100.00	101+0.000		PTV		44.925	45.054	-0.129	3.100	44.763	-2.00	3.281	44.944	100.00
-3.100	43.706	-2.00	-3.477	44.083	100.00	102+0.000				43.868	43.857	0.010	3.100	43.706	-2.00	3.178	43.783	100.00
-3.100	42.969	-2.00	-3.460	43.329	100.00	103+0.000				43.131	43.039	0.092	3.100	42.969	-2.00	3.425	42.753	-66.67
-3.100	42.309	-2.00	-3.359	42.568	100.00	104+0.000		PCV		42.471	42.287	0.184	3.100	42.309	-2.00	3.583	41.987	-66.67
-3.100	42.139	-2.00	-3.459	41.900	-66.67	105+0.000				42.301	41.548	0.753	3.100	42.139	-2.00	4.702	41.071	-66.67
-3.100	43.111	-2.00	-3.468	43.478	100.00	106+0.000		PCV		43.273	43.208	0.064	3.100	43.111	-2.00	3.344	42.948	-66.67
-3.100	44.707	-2.00	-4.049	45.657	100.00	107+0.000		PCV		44.869	45.268	-0.399	3.100	44.707	-2.00	3.341	44.948	100.00
-3.100	45.484	-2.00	-3.612	45.996	100.00	108+0.000				45.646	45.598	0.048	3.100	45.484	-2.00	3.667	45.106	-66.67
-3.100	46.672	-2.00	-3.392	46.964	100.00	109+0.000		PTV		46.834	46.587	0.246	3.100	46.672	-2.00	3.870	46.158	-66.67
-3.100	48.307	-2.00	-3.584	48.791	100.00	110+0.000				48.469	48.465	0.004	3.100	48.307	-2.00	3.435	48.084	-66.67
-3.100	49.866	-2.00	-3.518	50.283	100.00	111+0.000		PTV		50.028	50.115	-0.088	3.100	49.866	-2.00	3.197	49.962	100.00
-3.100	50.968	-2.00	-3.608	51.475	100.00	112+0.000		PCV		51.130	51.247	-0.118	3.100	50.968	-2.00	3.251	51.118	100.00
-3.100	51.228	-2.00	-3.915	52.043	100.00	113+0.000				51.390	51.926	-0.536	3.100	51.228	-2.00	3.688	51.816	100.00
-3.100	50.714	-2.00	-3.643	51.257	100.00	114+0.000				50.876	51.120	-0.244	3.100	50.714	-2.00	3.379	50.993	100.00
-3.100	49.253	-2.00	-3.590	49.743	100.00	115+0.000		PCV		49.415	49.590	-0.174	3.100	49.253	-2.00	3.295	49.449	100.00
-3.100	46.943	-2.00	-3.669	47.513	100.00	116+0.000		PTV		47.105	47.613	-0.507	3.100	46.943	-2.00	3.875	47.718	100.00
-3.100	46.717	-2.00	-3.262	46.610	-66.67	117+0.000				46.879	46.707	0.172	3.100	46.717	-2.00	3.185	46.802	100.00
-3.100	46.826	-2.00	-3.581	46.505	-66.67	118+0.000				46.988	46.853	0.134	3.100	46.826	-2.00	3.465	47.190	100.00
-3.100	46.934	-2.00	-4.424	46.052	-66.67	119+0.000				47.096	46.457	0.639	3.100	46.934	-2.00	3.355	46.764	-66.67
-3.100	47.043	-2.00	-4.463	46.134	-66.67	120+0.000		PCV		47.205	46.419	0.785	3.100	47.043	-2.00	3.446	46.812	-66.67
-3.100	47.563	-2.00	-3.696	47.165	-66.67	121+0.000		PTV		47.725	47.360	0.364	3.100	47.563	-2.00	3.153	47.527	-66.67
-3.100	48.854	-2.00	-3.406	49.160	100.00	122+0.000		PCV		49.016	49.198	-0.182	3.100	48.854	-2.00	3.416	49.170	100.00
-3.100	50.155	-2.00	-3.510	50.565	100.00	123+0.000		PTV		50.317	50.497	-0.180	3.100	50.155	-2.00	3.376	50.432	100.00
-3.100	51.076	-2.00	-3.419	51.395	100.00	124+0.000				51.238	51.329	-0.091	3.100	51.076	-2.00	3.289	51.265	100.00
-3.100	51.839	-2.00	-3.289	52.028	100.00	125+0.000				52.001	52.064	-0.063	3.100	51.839	-2.00	3.356	52.095	100.00
-3.100	52.382	-2.00	-3.352	52.634	100.00	126+0.000				52.544	52.672	-0.128	3.100	52.382	-2.00	3.428	52.710	100.00
-3.100	52.578	-2.00	-3.232	52.710	100.00	127+0.000				52.740	52.760	-0.020	3.100	52.578	-2.00	3.581	53.058	100.00
-3.100	53.219	-2.00	-3.135	53.255	100.00	128+0.000				53.381	53.457	-0.076	3.100	53.219	-2.00	3.568	53.687	100.00
-3.100	53.820	-2.00	-3.195	53.915	100.00	129+0.000				53.982	54.083	-0.101	3.100	53.820	-2.00	3.551	54.270	100.00
-3.100	54.291	-2.00	-3.253	54.444	100.00	130+0.000				54.453	54.529	-0.077	3.100	54.291	-2.00	3.429	54.619	100.00
-3.100	54.437	-2.00	-3.233	54.349	-66.67	131+0.000				54.599	54.410	0.189	3.100	54.437	-2.00	3.132	54.469	100.00
-3.100	54.268	-2.00	-3.331	54.499	100.00	132+0.000				54.430	54.482	-0.052	3.100	54.268	-2.00	3.252	54.420	100.00
-3.100	53.235	-2.00	-3.178	53.313	100.00	133+0.000				53.397	53.396	0.001	3.100	53.235	-2.00	3.349	53.483	100.00
-3.100	53.052	-2.00	-3.284	52.930	-66.67	134+0.000		PCV		53.214	53.016	0.199	3.100	53.052	-2.00	3.146	53.098	100.00
-3.100	53.020	-2.00	-3.564	52.710	-66.67	135+0.000				53.182	52.710	0.472	3.100	53.020	-2.00	3.564	52.710	-66.67
-3.100	53.303	-2.00	-3.157	53.265	-66.67	136+0.000		PTV		53.465	53.364	0.101	3.100	53.303	-2.00	3.177	53.380	100.00
-3.100	54.277	-2.00	-3.262	54.169	-66.67	137+0.000				54.439	54.428	0.012	3.100	54.277	-2.00	3.496	54.673	100.00
-3.100	55.900	-2.00	-3.183	55.845	-66.67	138+0.000				56.062	56.116	-0.054	3.100	55.900	-2.00	3.624	56.425	100.00
-3.100	57.141	-2.00	-3.300	57.341	100.00	139+0.000		PCV		57.303	57.493	-0.190	3.100	57.141	-2.00	3.620	57.661	100.00

-3.100	57.790	-2.00	-3.417	58.106	100.00	140+0.000		PTV	57.952	58.213	-0.261	3.100	57.790	-2.00	3.637	58.327	100.00
-3.100	58.005	-2.00	-3.201	57.938	-66.67	141+0.000			58.167	58.167	0.001	3.100	58.005	-2.00	3.512	58.418	100.00
-3.100	57.888	-2.00	-3.241	57.794	-66.67	142+0.000			58.050	57.997	0.053	3.100	57.888	-2.00	3.423	58.211	100.00
-3.100	57.625	-2.00	-3.351	57.457	-66.67	143+0.000			57.787	57.676	0.110	3.100	57.625	-2.00	3.253	57.778	100.00
-3.100	57.361	-2.00	-3.140	57.401	100.00	144+0.000			57.523	57.499	0.024	3.100	57.361	-2.00	3.342	57.603	100.00
-3.100	57.026	-2.00	-3.315	57.240	100.00	145+0.000			57.188	57.345	-0.158	3.100	57.026	-2.00	3.454	57.379	100.00
-3.100	56.496	-2.00	-3.403	56.799	100.00	146+0.000		PCV	56.658	56.774	-0.116	3.100	56.496	-2.00	3.354	56.750	100.00
-3.100	55.540	-2.00	-3.204	55.644	100.00	147+0.000		PTV	55.702	55.585	0.117	3.100	55.540	-2.00	3.122	55.562	100.00
-3.100	55.556	-2.00	-4.106	54.885	-66.67	148+0.000			55.718	55.179	0.539	3.100	55.556	-2.00	3.310	55.416	-66.67
-3.100	55.862	-2.00	-3.674	55.479	-66.67	149+0.000			56.024	55.513	0.511	3.100	55.862	-2.00	3.387	55.671	-66.67
-3.100	56.390	-2.00	-3.481	56.771	100.00	150+0.000			56.552	56.575	-0.023	3.100	56.390	-2.00	3.110	56.400	100.00
-3.100	57.203	-2.00	-3.592	57.696	100.00	151+0.000			57.365	57.493	-0.128	3.100	57.203	-2.00	3.209	57.313	100.00
-3.100	58.017	-2.00	-3.741	58.657	100.00	152+0.000		PTV	58.179	58.592	-0.414	3.100	58.017	-2.00	3.613	58.529	100.00
-3.100	58.487	-2.00	-3.825	59.212	100.00	153+0.000			58.649	59.058	-0.409	3.100	58.487	-2.00	3.529	58.916	100.00
-3.100	58.593	-2.00	-3.256	58.749	100.00	154+0.000		PCV	58.755	58.802	-0.047	3.100	58.593	-2.00	3.448	58.941	100.00
-3.100	58.804	-2.00	-3.810	58.331	-66.67	155+0.000			58.966	58.178	0.789	3.100	58.804	-2.00	3.985	58.215	-66.67
-3.100	59.015	-2.00	-4.333	58.193	-66.67	156+0.000			59.177	58.097	1.080	3.100	59.015	-2.00	4.632	57.994	-66.67
-3.100	59.308	1.00	-3.618	58.962	-66.67	157+0.000		PTV	59.377	58.872	0.505	3.100	59.199	-2.50	3.731	58.778	-66.67
-3.100	59.528	2.00	-3.260	59.688	100.00	158+0.000			59.566	59.551	0.015	3.100	59.404	-2.00	3.116	59.420	100.00
-3.100	59.535	0.67	-3.271	59.706	100.00	159+0.000			59.614	59.716	-0.102	3.100	59.442	-2.33	3.429	59.771	100.00
-3.100	59.882	-2.00	-3.485	60.267	100.00	160+0.000		PCV	60.044	60.315	-0.271	3.100	59.882	-2.00	3.583	60.365	100.00
-3.100	60.310	-2.00	-3.644	60.854	100.00	161+0.000			60.472	60.904	-0.432	3.100	60.310	-2.00	3.746	60.956	100.00
-3.100	60.358	-2.00	-3.564	60.822	100.00	162+0.000		PTV	60.520	60.926	-0.406	3.100	60.358	-2.00	3.779	61.037	100.00
-3.100	59.873	-2.00	-3.439	60.212	100.00	163+0.000			60.035	60.284	-0.249	3.100	59.873	-2.00	3.586	60.358	100.00
-3.100	59.166	-2.00	-3.215	59.089	-66.67	164+0.000			59.328	59.223	0.105	3.100	59.166	-2.00	3.323	59.389	100.00
-3.100	58.092	-2.00	-3.173	58.165	100.00	165+0.000			58.254	58.263	-0.009	3.100	58.092	-2.00	3.384	58.376	100.00
-3.100	57.399	-2.00	-3.263	57.563	100.00	166+0.000			57.561	57.598	-0.037	3.100	57.399	-2.00	3.335	57.634	100.00
-3.100	56.593	-2.00	-3.399	56.891	100.00	167+0.000			56.755	56.857	-0.103	3.100	56.593	-2.00	3.332	56.824	100.00
-3.100	55.582	-2.00	-3.350	55.833	100.00	168+0.000			55.744	55.766	-0.022	3.100	55.582	-2.00	3.340	55.822	100.00
-3.100	53.744	-2.00	-3.202	53.846	100.00	169+0.000			53.906	53.847	0.059	3.100	53.744	-2.00	3.203	53.847	100.00
-3.100	51.156	-2.00	-3.424	50.940	-66.67	170+0.000			51.318	50.940	0.378	3.100	51.156	-2.00	3.423	50.941	-66.67
-3.100	48.568	-2.00	-3.542	48.273	-66.67	171+0.000		PCV	48.730	48.180	0.550	3.100	48.568	-2.00	3.856	48.064	-66.67
-3.100	46.664	-2.00	-3.850	46.164	-66.67	172+0.000		PTV	46.826	46.033	0.793	3.100	46.664	-2.00	4.241	45.903	-66.67
-3.100	47.450	-2.00	-3.432	47.229	-66.67	173+0.000			47.612	47.048	0.564	3.100	47.450	-2.00	4.021	46.836	-66.67
-3.100	49.255	-2.00	-3.282	49.437	100.00	174+0.000			49.417	49.387	0.030	3.100	49.255	-2.00	3.108	49.263	100.00
-3.100	50.975	-2.00	-3.373	51.248	100.00	175+0.000			51.137	51.197	-0.060	3.100	50.975	-2.00	3.273	51.148	100.00
-3.100	52.661	-2.00	-3.499	53.060	100.00	176+0.000			52.823	53.008	-0.184	3.100	52.661	-2.00	3.395	52.956	100.00
-3.100	54.001	-2.00	-3.453	54.354	100.00	177+0.000			54.163	54.484	-0.321	3.100	54.001	-2.00	3.723	54.624	100.00
-3.100	54.428	-2.00	-3.133	54.462	100.00	178+0.000			54.590	54.627	-0.037	3.100	54.428	-2.00	3.483	54.811	100.00
-3.100	54.529	-2.00	-3.162	54.488	-66.67	179+0.000			54.691	54.691	0.001	3.100	54.529	-2.00	3.484	54.914	100.00
-3.100	54.753	-2.00	-3.498	55.151	100.00	180+0.000			54.915	55.310	-0.396	3.100	54.753	-2.00	3.799	55.451	100.00
-3.100	54.598	-2.00	-3.305	54.803	100.00	181+0.000		PCV	54.760	54.870	-0.110	3.100	54.598	-2.00	3.442	54.940	100.00
-3.100	54.448	-2.00	-3.231	54.360	-66.67	182+0.000		PTV	54.610	54.450	0.160	3.100	54.448	-2.00	3.191	54.539	100.00
-3.100	54.407	-2.00	-3.389	54.696	100.00	183+0.000			54.569	54.790	-0.221	3.100	54.407	-2.00	3.559	54.867	100.00
-3.100	54.426	-2.00	-4.025	53.809	-66.67	184+0.000		PCV	54.588	54.005	0.583	3.100	54.426	-2.00	3.478	54.174	-66.67
-3.100	54.517	-2.00	-4.223	53.769	-66.67	185+0.000		PTV	54.679	53.993	0.686	3.100	54.517	-2.00	3.530	54.231	-66.67
-3.100	54.852	-2.00	-3.306	55.058	100.00	186+0.000		PCV	55.014	55.271	-0.257	3.100	54.852	-2.00	3.762	55.513	100.00
-3.100	55.246	-2.00	-3.118	55.234	-66.67	187+0.000			55.408	55.462	-0.054	3.100	55.246	-2.00	3.650	55.796	100.00
-3.100	55.993	-2.00	-3.314	55.851	-66.67	188+0.000		PTV	56.155	56.144	0.011	3.100	55.993	-2.00	3.568	56.461	100.00
-3.100	57.070	-0.55	-3.378	56.885	-66.67	189+0.000			57.187	57.184	0.003	3.100	57.010	-2.48	3.593	57.503	100.00
-3.100	58.151	0.72	-3.448	57.918	-66.67	190+0.000		PCV	58.228	58.224	0.004	3.100	58.066	-2.00	3.575	58.541	100.00
-3.100	58.988	0.72	-3.350	59.238	100.00	191+0.000		PCV	59.066	59.426	-0.361	3.100	58.904	-2.00	3.729	59.532	100.00

-3.100	59.274	-0.54	-3.274	59.448	100.00	192+0.000		PCV	59.391	59.457	-0.067	3.100	59.214	-2.49	3.354	59.467	100.00
-3.100	59.939	-2.00	-3.770	60.609	100.00	193+0.000		PTV	60.101	60.564	-0.462	3.100	59.939	-2.00	3.667	60.506	100.00
-3.100	59.574	-2.00	-3.260	59.734	100.00	194+0.000			59.736	59.775	-0.039	3.100	59.574	-2.00	3.344	59.818	100.00
-3.100	60.586	-2.00	-3.485	60.971	100.00	195+0.000			60.748	60.765	-0.017	3.100	60.586	-2.00	3.107	60.581	-66.67
-3.100	61.090	-2.00	-3.508	61.499	100.00	196+0.000			61.252	61.291	-0.039	3.100	61.090	-2.00	3.117	61.107	100.00
-3.100	61.042	-2.00	-3.186	61.127	100.00	197+0.000			61.204	61.179	0.024	3.100	61.042	-2.00	3.134	61.075	100.00
-3.100	60.459	-2.00	-3.324	60.683	100.00	198+0.000			60.621	60.639	-0.018	3.100	60.459	-2.00	3.237	60.596	100.00
-3.100	59.876	-2.00	-3.312	60.088	100.00	199+0.000			60.038	60.044	-0.006	3.100	59.876	-2.00	3.226	60.002	100.00
-3.100	58.773	-2.00	-3.455	59.128	100.00	200+2.135			58.935	58.934	0.001	3.100	58.773	-2.00	3.120	58.760	-66.67


Tiago de Souza Seixas
 Engenheiro Civil
 CREA 32011AM