



CORREIO P-244 - RIBEIRA DO PAUENTE - SÃO JOÃO DO PEIRE / SÃO JOÃO DO PAUL																													
Lado Esquerdo													Lado Direito																
OFFSET		TALUDE BARRA						BORDA ACACENTAMENTO						Ponto de Geometria Vertical		BORDA DA PISTA						BORDA ACACENTAMENTO						OFFSET	
Altat. (m)	Inc. (%)	Altat. (m)	Inc. (%)	Altat. (m)	Inc. (%)	Altat. (m)	Inc. (%)	Altat. (m)	Inc. (%)	Altat. (m)	Inc. (%)	Altat. (m)	Inc. (%)	Altat. (m)	Inc. (%)	Altat. (m)	Inc. (%)	Altat. (m)	Inc. (%)	Altat. (m)	Inc. (%)	Altat. (m)	Inc. (%)	Altat. (m)	Inc. (%)	Altat. (m)	Inc. (%)	Altat. (m)	Inc. (%)
4.875	174,671	-66,887	-4,476	174,736	-66,817	-4,480	174,875	-5,510	-3,385	175,000	-3,380					0+0+00	175,120	174,550	0,880			175,000	-3,380	-4,476	174,736	-66,817	-4,480	174,875	-5,510
4.875	174,686	-66,887	-4,476	174,750	-66,817	-4,480	174,890	-5,510	-3,380	175,015	-3,380					0+1+80	175,140	174,560	0,880			175,015	-3,380	-4,476	174,750	-66,817	-4,480	174,890	-5,510
4.875	174,699	-66,887	-4,476	174,763	-66,817	-4,480	174,903	-5,510	-3,380	175,028	-3,380					0+2+60	175,160	174,570	0,880			175,028	-3,380	-4,476	174,763	-66,817	-4,480	174,903	-5,510
4.885	174,695	-66,887	-4,476	174,769	-66,817	-4,480	174,910	-5,510	-3,380	175,034	-3,380					0+3+40	175,166	174,576	0,880			175,034	-3,380	-4,476	174,769	-66,817	-4,480	174,910	-5,510
4.875	174,697	-66,887	-4,476	174,771	-66,817	-4,480	174,912	-5,510	-3,380	175,036	-3,380					0+4+20	175,168	174,578	0,880			175,036	-3,380	-4,476	174,771	-66,817	-4,480	174,912	-5,510
4.875	174,697	-66,887	-4,476	174,771	-66,817	-4,480	174,912	-5,510	-3,380	175,036	-3,380					0+5+00	175,168	174,578	0,880			175,036	-3,380	-4,476	174,771	-66,817	-4,480	174,912	-5,510
4.875	174,697	-66,887	-4,476	174,771	-66,817	-4,480	174,912	-5,510	-3,380	175,036	-3,380					0+5+80	175,168	174,578	0,880			175,036	-3,380	-4,476	174,771	-66,817	-4,480	174,912	-5,510
4.875	174,697	-66,887	-4,476	174,771	-66,817	-4,480	174,912	-5,510	-3,380	175,036	-3,380					0+6+60	175,168	174,578	0,880			175,036	-3,380	-4,476	174,771	-66,817	-4,480	174,912	-5,510
4.875	174,697	-66,887	-4,476	174,771	-66,817	-4,480	174,912	-5,510	-3,380	175,036	-3,380					0+7+40	175,168	174,578	0,880			175,036	-3,380	-4,476	174,771	-66,817	-4,480	174,912	-5,510
4.875	174,697	-66,887	-4,476	174,771	-66,817	-4,480	174,912	-5,510	-3,380	175,036	-3,380					0+8+20	175,168	174,578	0,880			175,036	-3,380	-4,476	174,771	-66,817	-4,480	174,912	-5,510
4.875	174,697	-66,887	-4,476	174,771	-																								



Gabriel Miera Barbo
Engº Civil SEDEC
CREAº 192221104



4.880	161.946	-60,667	-4,479	160.264	-60,67	4.890	162.440	-5,50	-3,000	162.408	-3,000	PC	200+0.001	162.508	161.986	0.000	3,000	162.473	-3,000	4.900	162.440	-6,50	4.479	162.204	-60,667	4.910	161.914	-60,667
4.890	161.980	-60,667	-4,479	160.111	-60,67	4.900	162.380	-5,50	-3,000	162.430	-3,000	PT	200+0.001	162.525	161.920	0.000	3,000	162.470	-3,000	4.900	162.380	-5,50	4.479	162.141	-60,667	4.910	161.827	-60,667
4.894	161.936	-60,667	-4,479	160.080	-60,67	4.900	162.320	-5,50	-3,000	162.350	-3,000	PT	200+11.964	162.430	161.890	0.000	3,000	162.360	-3,000	4.900	162.320	-6,50	4.479	162.080	-60,667	4.900	161.790	-60,667
4.900	161.726	-60,667	-4,479	160.000	-60,67	4.900	160.200	-5,50	-3,000	159.200	-3,000		200+0.001	162.384	161.784	0.000	3,000	162.294	-3,000	4.900	160.200	-5,50	4.479	160.000	-60,667	4.900	161.726	-60,667
4.910	161.420	-60,667	-4,479	161.004	-60,67	4.900	161.830	-5,50	-3,000	161.860	-3,000		200+0.001	162.078	161.435	0.000	3,000	161.968	-3,000	4.900	161.830	-6,50	4.479	161.604	-60,667	4.910	161.420	-60,667
4.910	161.120	-60,667	-4,479	161.307	-60,67	4.900	161.420	-5,50	-3,000	161.460	-3,000		200+0.001	161.771	161.111	0.000	3,000	161.681	-3,000	4.900	161.420	-5,50	4.479	161.207	-60,667	4.910	161.120	-60,667
4.910	160.816	-60,667	-4,479	161.081	-60,67	4.900	161.320	-5,50	-3,000	161.370	-3,000		200+0.001	161.465	160.805	0.000	3,000	161.375	-3,000	4.900	161.081	-6,50	4.479	160.816	-60,667	4.910	160.816	-60,667
4.910	160.510	-60,667	-4,479	160.774	-60,67	4.900	161.010	-5,50	-3,000	161.060	-3,000		200+0.001	161.150	160.490	0.000	3,000	161.060	-3,000	4.900	161.010	-5,50	4.479	160.774	-60,667	4.910	160.510	-60,667
4.910	160.204	-60,667	-4,479	160.468	-60,67	4.900	160.708	-5,50	-3,000	160.760	-3,000		200+0.001	160.835	160.175	0.000	3,000	160.760	-3,000	4.900	160.468	-6,50	4.479	160.204	-60,667	4.910	160.204	-60,667
4.910	159.897	-60,667	-4,479	160.162	-60,67	4.900	160.402	-5,50	-3,000	160.450	-3,000		200+0.001	159.940	159.280	0.000	3,000	160.402	-3,000	4.900	160.162	-5,50	4.479	159.897	-60,667	4.910	159.897	-60,667
4.910	159.591	-60,667	-4,479	159.856	-60,67	4.900	160.106	-5,50	-3,000	160.150	-3,000		200+0.001	159.640	158.980	0.000	3,000	160.150	-3,000	4.900	159.856	-6,50	4.479	159.591	-60,667	4.910	159.591	-60,667
4.910	159.285	-60,667	-4,479	159.550	-60,67	4.900	159.790	-5,50	-3,000	159.840	-3,000		200+0.001	159.330	158.670	0.000	3,000	159.840	-3,000	4.900	159.550	-5,50	4.479	159.285	-60,667	4.910	159.285	-60,667
4.910	158.979	-60,667	-4,479	159.244	-60,67	4.900	159.484	-5,50	-3,000	159.530	-3,000	PC	302+11.410	159.708	159.048	0.000	3,000	159.608	-3,000	4.900	159.484	-6,50	4.479	158.979	-60,667	4.910	158.979	-60,667
4.910	158.673	-60,667	-4,479	158.938	-60,67	4.900	159.138	-5,50	-3,000	159.180	-3,000	PT	302+11.861	159.710	159.050	0.000	3,000	159.600	-3,000	4.900	159.138	-5,50	4.479	158.673	-60,667	4.910	158.673	-60,667
4.910	158.367	-60,667	-4,479	158.632	-60,67	4.900	158.832	-5,50	-3,000	158.870	-3,000	PT	302+11.911	159.701	159.041	0.000	3,000	159.601	-3,000	4.900	158.832	-6,50	4.479	158.367	-60,667	4.910	158.367	-60,667
4.910	158.061	-60,667	-4,479	158.326	-60,67	4.900	158.526	-5,50	-3,000	158.570	-3,000		302+0.000	159.627	158.967	0.000	3,000	159.527	-3,000	4.900	158.526	-5,50	4.479	158.061	-60,667	4.910	158.061	-60,667
4.910	157.755	-60,667	-4,479	158.040	-60,67	4.900	158.240	-5,50	-3,000	158.280	-3,000		302+0.000	159.614	158.954	0.000	3,000	159.504	-3,000	4.900	158.240	-6,50	4.479	157.755	-60,667	4.910	157.755	-60,667
4.910	157.449	-60,667	-4,479	157.714	-60,67	4.900	157.914	-5,50	-3,000	157.950	-3,000		302+0.000	159.601	158.941	0.000	3,000	159.491	-3,000	4.900	157.914	-5,50	4.479	157.449	-60,667	4.910	157.449	-60,667
4.910	157.143	-60,667	-4,479	157.408	-60,67	4.900	157.608	-5,50	-3,000	157.640	-3,000		302+0.000	159.588	158.928	0.000	3,000	159.478	-3,000	4.900	157.608	-6,50	4.479	157.143	-60,667	4.910	157.143	-60,667
4.910	156.837	-60,667	-4,479	157.102	-60,67	4.900	157.302	-5,50	-3,000	157.330	-3,000	PC	307+2.240	159.304	157.704	0.000	3,000	159.204	-3,000	4.900	157.302	-6,50	4.479	156.837	-60,667	4.910	156.837	-60,667
4.910	156.531	-60,667	-4,479	156.796	-60,67	4.900	156.996	-5,50	-3,000	157.030	-3,000	PT	307+3.160	159.300	157.700	0.000	3,000	159.200	-3,000	4.900	156.996	-6,50	4.479	156.531	-60,667	4.910	156.531	-60,667
4.910	156.225	-60,667	-4,479	156.490	-60,67	4.900	156.690	-5,50	-3,000	156.720	-3,000		308+0.000	159.286	157.686	0.000	3,000	159.186	-3,000	4.900	156.690	-6,50	4.479	156.225	-60,667	4.910	156.225	-60,667
4.910	155.919	-60,667	-4,479	156.184	-60,67	4.900	156.384	-5,50	-3,000	156.410	-3,000		308+0.000	159.273	157.673	0.000	3,000	159.173	-3,000	4.900	156.384	-6,50	4.479	155.919	-60,667	4.910	155.919	-60,667
4.910	155.613	-60,667	-4,479	155.878	-60,67	4.900	156.078	-5,50	-3,000	156.100	-3,000		310+0.000	159.260	157.660	0.000	3,000	159.160	-3,000	4.900	156.078	-6,50	4.479	155.613	-60,667	4.910	155.613	-60,667
4.910	155.307	-60,667	-4,479	155.572	-60,67	4.900	155.772	-5,50	-3,000	155.790	-3,000		310+0.000	159.247	157.647	0.000	3,000	159.147	-3,000	4.900	155.772	-6,50	4.479	155.307	-60,667	4.910	155.307	-60,667
4.910	155.001	-60,667	-4,479	155.266	-60,67	4.900	155.466	-5,50	-3,000	155.480	-3,000		310+0.000	159.234	157.634	0.000	3,000	159.134	-3,000	4.900	155.466	-6,50	4.479	155.001	-60,667	4.910	155.001	-60,667
4.910	154.695	-60,667	-4,479	154.960	-60,67	4.900	155.160	-5,50	-3,000	155.170	-3,000		310+0.000	159.221	157.621	0.000	3,000	159.121	-3,000	4.900	154.960	-6,50	4.479	154.695	-60,667	4.910	154.695	-60,667
4.910	154.389	-60,667	-4,479	154.654	-60,67	4.900	154.854	-5,50	-3,000	154.860	-3,000		310+0.000	159.208	157.608	0.000	3,000	159.108	-3,000	4.900	154.854	-6,50	4.479	154.389	-60,667	4.910	154.389	-60,667
4.910	154.083	-60,667	-4,479	154.348	-60,67	4.900	154.548	-5,50	-3,000	154.550	-3,000		310+0.000	159.195	157.595	0.000	3,000	159.095	-3,000	4.900	154.548	-6,50	4.479	154.083	-60,667	4.910	154.083	-60,667
4.910	153.777	-60,667	-4,479	154.042	-60,67	4.900	154.242	-5,50	-3,000	154.240	-3,000		310+0.000	159.182	157.582	0.000	3,000	159.082	-3,000	4.900	154.242	-6,50	4.479	153.777	-60,667	4.910	153.777	-60,667
4.910	153.471	-60,667	-4,479	153.736	-60,67	4.900	153.936	-5,50	-3,000	153.930	-3,000		310+0.000	159.169	157.569	0.000	3,000	159.069	-3,000	4.900	153.936	-6,50	4.479	153.471	-60,667	4.910	153.471	-60,667
4.910	153.165	-60,667	-4,479	153.430	-60,67	4.900	153.630	-5,50	-3,000	153.620	-3,000		310+0.000	159.156	157.556	0.000	3,000	159.056	-3,000	4.900	153.630	-6,50	4.479	153.165	-60,667	4.910	153.165	-60,667
4.910	152.859	-60,667	-4,479	153.124	-60,67	4.900	153.324	-5,50	-3,000	153.310	-3,000		310+0.000	159.143	157.543	0.000	3,000	159.043	-3,000	4.900	153.324	-6,50	4.479	152.859	-60,667	4.910	152.859	-60,667
4.910	152.553	-60,667	-4,479	152.818	-60,67	4.900	153.018	-5,50	-3,000	153.000	-3,000		310+0.000	159.130	157.530	0.000	3,000	159.030	-3,000	4.900	153.018	-6,50	4.479	152.553	-60,667	4.910	152.553	-60,667
4.910	152.247	-60,667	-4,479	152.512	-60,67	4.900	152.712	-5,50	-3,000	152.690	-3,000		310+0.000	159.117	157.517	0.000	3,000	159.017	-3,000	4.900	152.712	-6,50	4.479	152.247	-60,667	4.910	152.247	-60,667
4.910	151.941	-60,667	-4,479	152.206	-60,67	4.900	152.406	-5,50	-3,000	152.380	-3,000		310+0.000	159.104	157.504	0.000	3,000	159.004	-3,000	4.900	152.406	-6,50	4.479	151.941	-60,667	4.910	151.941	-60,667
4.910	151.635	-60,667	-4,479	151.900	-60,67	4.900	152.100	-5,50	-3,000	152.070	-3,000		310+0.000	159.091	157.491	0.000	3,000	158.991	-3,000	4.900	152.100	-6,50	4.479	151.635	-60,667	4.910	151.635	-60,667
4.910	151.329	-60,667	-4,479	151.594	-60,67	4.900	151.794	-5,50	-3,000	151.760	-3,000		310+0.000	159.078	157.478	0.000	3,000	158.978	-3,000	4.900	151.794	-6,50	4.479	151.329	-60,667	4.910	151.329	-60,667
4.910	151.023	-60,667	-4,479	151.288	-60,67	4.900	151.488	-5,50	-3,000	151.450	-3,000		310+0.000	159.065	157.465	0.000	3,000	158.965	-3,000	4.900	151.488	-6,50	4.479	151.023	-60,667	4.910	151.023	-60,667</



Nota de Serviço Tabela

CORREDOR PI 244 - TRECHO 02																													
Lado Esquerdo														Eixo					Lado Direito										
OFFSET			TALUDE BASE			BORDA ACOSTAMENTO			BORDA DA PISTA			Pontos Notáveis da Geometria Horizontal	Estaca	Cota Projeto	Cota Terreno	Cota Vermelha	Pontos Notáveis da Geometria Vertical	BORDA DA PISTA			BORDA ACOSTAMENTO			TALUDE BASE			OFFSET		
Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)							Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)
-5.433	157.804	-66.667	-4.479	157.923	-66.67	-4.000	158.162	-5.50	-3.000	158.192	3.000		0+0.000	158.307	157.707	0.600		3.000	158.192	-3.000	4.000	158.162	-5.50	4.479	157.923	-66.67	4.935	157.818	-66.667
-4.630	157.508	-66.667	-4.479	157.609	-66.67	-4.000	157.848	-5.50	-3.000	157.876	3.000		1+0.000	157.993	157.394	0.600		3.000	157.878	-3.000	4.000	157.848	-5.50	4.479	157.609	-66.67	4.760	157.421	-66.667
-5.012	157.104	-66.667	-4.479	157.460	-66.67	-4.000	157.699	-5.50	-3.000	157.754	3.000		2+0.000	157.844	157.245	0.600		3.000	157.729	-3.000	4.000	157.699	-5.50	4.479	157.460	-66.67	4.804	157.243	-66.667
-4.919	157.018	-66.667	-4.479	157.312	-66.67	-4.000	157.551	-5.50	-3.000	157.581	3.000		3+0.000	157.693	157.096	0.600		3.000	157.581	-3.000	4.000	157.551	-5.50	4.479	157.312	-66.67	4.848	157.085	-66.667
-4.878	156.968	-66.667	-4.479	157.235	-66.67	-4.000	157.474	-5.50	-3.000	157.504	3.000	PI	3+10.264	157.619	157.019	0.600		3.000	157.529	-3.000	4.000	157.474	-5.50	4.479	157.235	-66.67	4.870	156.974	-66.667
-4.872	156.893	-66.667	-4.479	157.155	-66.67	-4.000	157.394	-5.50	-3.000	157.449	3.000		4+0.000	157.539	156.940	0.600		3.000	157.424	-3.000	4.000	157.394	-5.50	4.479	157.155	-66.67	4.878	156.889	-66.667
-4.878	156.727	-66.667	-4.479	156.992	-66.67	-4.000	157.231	-5.50	-3.000	157.286	3.000		5+0.000	157.378	156.776	0.600		3.000	157.281	-3.000	4.000	157.231	-5.50	4.479	156.992	-66.67	4.878	156.727	-66.667
-4.875	156.563	-66.667	-4.479	156.828	-66.67	-4.000	157.067	-5.50	-3.000	157.097	3.000		6+0.000	157.212	156.612	0.600		3.000	157.122	-3.000	4.000	157.067	-5.50	4.479	156.828	-66.67	4.875	156.563	-66.667
-4.875	156.400	-66.667	-4.479	156.664	-66.67	-4.000	156.903	-5.50	-3.000	156.933	3.000		7+0.000	157.048	156.448	0.600		3.000	156.958	-3.000	4.000	156.903	-5.50	4.479	156.664	-66.67	4.875	156.400	-66.667
-4.908	156.485	-66.667	-4.479	156.771	-66.67	-4.000	157.010	-5.50	-3.000	157.040	3.000	PI	7+7.725	157.155	156.555	0.600		3.000	157.065	-3.000	4.000	157.010	-5.50	4.479	156.771	-66.67	4.886	156.519	-66.667
-5.010	156.798	-66.667	-4.479	157.150	-66.67	-4.000	157.389	-5.50	-3.000	157.419	3.000		8+0.000	157.534	156.934	0.600		3.000	157.419	-3.000	4.000	157.389	-5.50	4.479	157.150	-66.67	4.880	156.895	-66.667
-4.876	157.210	-66.667	-4.479	157.475	-66.67	-4.000	157.714	-5.50	-3.000	157.769	3.000		9+0.000	157.859	157.259	0.600		3.000	157.744	-3.000	4.000	157.714	-5.50	4.479	157.475	-66.67	4.875	157.211	-66.667
-4.878	157.516	-66.667	-4.479	157.780	-66.67	-4.000	158.020	-5.50	-3.000	158.050	3.000		10+0.000	158.165	157.564	0.600		3.000	158.075	-3.000	4.000	158.020	-5.50	4.479	157.780	-66.67	4.875	157.516	-66.667
-4.876	157.822	-66.667	-4.479	158.087	-66.67	-4.000	158.326	-5.50	-3.000	158.356	3.000		11+0.000	158.471	157.871	0.600		3.000	158.381	-3.000	4.000	158.326	-5.50	4.479	158.087	-66.67	4.875	157.822	-66.667
-4.875	158.127	-66.667	-4.479	158.392	-66.67	-4.000	158.631	-5.50	-3.000	158.686	3.000		12+0.000	158.776	158.176	0.600		3.000	158.661	-3.000	4.000	158.631	-5.50	4.479	158.392	-66.67	4.875	158.128	-66.667
-4.878	158.434	-66.667	-4.479	158.698	-66.67	-4.000	158.938	-5.50	-3.000	158.968	3.000		13+0.000	159.083	158.483	0.600		3.000	158.993	-3.000	4.000	158.938	-5.50	4.479	158.698	-66.67	4.875	158.434	-66.667
-4.875	158.739	-66.667	-4.479	159.004	-66.67	-4.000	159.243	-5.50	-3.000	159.268	3.000		14+0.000	159.388	158.788	0.600		3.000	159.273	-3.000	4.000	159.243	-5.50	4.479	159.004	-66.67	4.875	158.740	-66.667
-4.875	159.045	-66.667	-4.479	159.310	-66.67	-4.000	159.549	-5.50	-3.000	159.579	3.000		15+0.000	159.694	159.094	0.600		3.000	159.604	-3.000	4.000	159.549	-5.50	4.479	159.310	-66.67	4.875	159.046	-66.667
-4.875	159.351	-66.667	-4.479	159.615	-66.67	-4.000	159.855	-5.50	-3.000	159.885	3.000		16+0.000	160.000	159.400	0.600		3.000	159.910	-3.000	4.000	159.855	-5.50	4.479	159.615	-66.67	4.875	159.351	-66.667
-4.875	159.657	-66.667	-4.479	159.921	-66.67	-4.000	160.161	-5.50	-3.000	160.216	3.000		17+0.000	160.306	159.706	0.600		3.000	160.191	-3.000	4.000	160.161	-5.50	4.479	159.921	-66.67	4.875	159.657	-66.667
-4.875	159.963	-66.667	-4.479	160.227	-66.67	-4.000	160.467	-5.50	-3.000	160.497	3.000		18+0.000	160.612	160.012	0.600		3.000	160.522	-3.000	4.000	160.467	-5.50	4.479	160.227	-66.67	4.875	159.963	-66.667
-4.875	160.269	-66.667	-4.479	160.533	-66.67	-4.000	160.773	-5.50	-3.000	160.828	3.000		19+0.000	160.918	160.318	0.600		3.000	160.803	-3.000	4.000	160.773	-5.50	4.479	160.533	-66.67	4.875	160.269	-66.667
-4.876	160.575	-66.667	-4.479	160.839	-66.67	-4.000	161.079	-5.50	-3.000	161.109	3.000		20+0.000	161.224	160.624	0.600		3.000	161.134	-3.000	4.000	161.079	-5.50	4.479	160.839	-66.67	4.876	160.575	-66.667
-4.876	160.575	-66.667	-4.479	160.956	-66.67	-4.000	161.195	-5.50	-3.000	161.250	3.000		20+7.594	161.340	160.740	0.600		3.000	161.225	-3.000	4.000	161.195	-5.50	4.479	160.956	-66.67	4.875	160.661	-66.667