

Eixo							Lado Esquerdo							Eixo			Lado Direito							
Estaca	Descrição	Progressiva	Coordenada Norte	Coordenada Este	Cota	Azimute	Distancia	Cota	Altura	Distancia	Cota	Distancia	Cota	%	Terreno	Projeto	Vermelha	Distancia	Cota	%	Distancia	Cota	Distancia	Cota
94		1880	7.902.500,19	282.039,21	634,8116	230°10'35"	5,2031	632,964	-1,203	4,0000	634,167	4,0000	634,167	-3,00	634,812	634,287	0,525	4,0000	634,407	3,00	4,0000	634,407	4,7868	635,98
94+10,000		1890	7.902.507,22	282.032,11	635,5395	219°16'36"	4,7955	634,061	-0,796	4,0000	634,857	4,0000	634,857	-2,25	635,540	634,947	0,593	4,0000	635,036	2,22	4,0000	635,036	5,5649	638,16
94+18,601	PT27	1898,601	7.902.512,10	282.025,04	636,1248	209°54'07"	4,1613	635,776	0,323	4,0000	635,453	4,0000	635,453	-1,35	636,125	635,507	0,618	4,0000	635,561	1,35	4,0000	635,561	5,3014	638,16
95		1900	7.902.512,79	282.023,83	636,1992	209°54'07"	4,1404	635,831	0,281	4,0000	635,550	4,0000	635,550	-1,20	636,199	635,598	0,601	4,0000	635,646	1,20	4,0000	635,646	5,1834	638,0
95+10,000		1910	7.902.517,78	282.015,16	636,6724	209°54'07"	4,0814	636,396	0,163	4,0000	636,233	4,0000	636,233	-0,18	636,672	636,240	0,432	4,0000	636,246	0,15	4,0000	636,246	5,2811	638,80
96		1920	7.902.522,76	282.006,49	637,0481	209°54'07"	4,0981	637,103	0,196	4,0000	636,907	4,0000	636,907	0,85	637,048	636,873	0,175	4,0000	636,838	-0,88	4,0000	636,838	5,8296	640,4'
96+4,626	PC28	1924,626	7.902.525,07	282.002,48	637,2186	209°54'07"	4,0364	637,289	0,073	4,0000	637,216	4,0000	637,216	1,32	637,219	637,163	0,056	4,0000	637,109	-1,35	4,0000	637,109	5,6925	640,4'
96+10,000		1930	7.902.527,86	281.997,89	637,4448	212°34'04"	4,0135	637,600	0,027	4,0000	637,573	4,0000	637,573	1,90	637,445	637,497	-0,052	4,0000	637,421	-1,90	4,0000	637,421	4,3333	638,08
97		1940	7.902.533,60	281.989,70	637,8469	217°31'42"	5,5117	636,718	-1,512	4,0000	638,230	4,0000	638,230	2,95	637,847	638,112	-0,265	4,0000	637,995	-2,92	4,0000	637,995	4,3415	637,66
97+10,000		1950	7.902.540,02	281.982,05	638,2933	222°29'19"	4,9018	637,936	-0,902	4,0000	638,838	4,0000	638,838	3,00	638,293	638,718	-0,425	4,0000	638,598	-3,00	4,0000	638,598	4,3664	638,23
97+12,000	PTV9	1952	7.902.541,39	281.980,58	638,3759	223°28'51"	4,9022	638,057	-0,902	4,0000	638,959	4,0000	638,959	3,00	638,376	638,839	-0,463	4,0000	638,719	-3,00	4,0000	638,719	4,3787	638,34
98		1960	7.902.547,09	281.974,97	638,7082	227°26'57"	4,6323	638,807	-0,632	4,0000	639,439	4,0000	639,439	3,00	638,708	639,319	-0,611	4,0000	639,199	-3,00	4,0000	639,199	4,1410	639,05
98+8,016	PCC28	1968,016	7.902.553,18	281.969,76	639,1421	231°25'31"	4,9466	638,973	-0,947	4,0000	639,920	4,0000	639,920	3,00	639,142	639,800	-0,658	4,0000	639,680	-3,00	4,0000	639,680	4,7544	638,92
98+10,000		1970	7.902.554,76	281.968,57	639,2745	234°26'27"	4,9978	639,041	-0,998	4,0000	640,039	4,0000	640,039	3,00	639,275	639,919	-0,644	4,0000	639,799	-3,00	4,0000	639,799	4,7083	639,0'
99		1980	7.902.563,57	281.963,89	639,8812	249°38'24"	4,6375	640,001	-0,638	4,0000	640,639	4,0000	640,639	3,00	639,881	640,519	-0,638	4,0000	640,399	-3,00	4,0000	640,399	5,1701	639,22
99+10,000		1990	7.902.573,29	281.961,69	640,5097	264°50'17"	4,6734	640,566	-0,673	4,0000	641,239	4,0000	641,239	3,00	640,510	641,119	-0,609	4,0000	640,999	-3,00	4,0000	640,999	5,3145	639,68
100		2000	7.902.583,25	281.962,11	641,1002	280°02'14"	4,6055	641,234	-0,605	4,0000	641,839	4,0000	641,839	3,00	641,100	641,719	-0,619	4,0000	641,599	-3,00	4,0000	641,599	5,0390	640,56
100+10,000		2010	7.902.592,75	281.965,13	641,6545	295°14'06"	4,6825	641,756	-0,683	4,0000	642,439	4,0000	642,439	3,00	641,654	642,319	-0,665	4,0000	642,199	-3,00	4,0000	642,199	4,7647	641,43
100+17,471	PC29	2017,471	7.902.599,15	281.968,97	642,0579	306°35'25"	4,7104	642,177	-0,710	4,0000	642,887	4,0000	642,887	3,00	642,058	642,767	-0,709	4,0000	642,647	-3,00	4,0000	642,647	4,4762	642,17
101		2020	7.902.601,17	281.970,50	642,1985	307°52'55"	4,7246	642,314	-0,725	4,0000	643,039	4,0000	643,039	3,00	642,198	642,919	-0,721	4,0000	642,799	-3,00	4,0000	642,799	4,6964	642,10
101+10,000		2030	7.902.608,78	281.976,98	642,7975	312°59'23"	4,7689	642,836	-0,769	4,0000	643,605	4,0000	643,605	2,15	642,798	643,519	-0,721	4,0000	643,432	-2,17	4,0000	643,432	5,0486	642,38
101+18,908	PT29	2038,908	7.902.615,04	281.983,31	643,3975	317°32'23"	4,4336	643,663	-0,434	4,0000	644,097	4,0000	644,097	1,10	643,397	644,053	-0,656	4,0000	644,009	-1,10	4,0000	644,009	4,6203	643,38
102		2040	7.902.615,78	281.984,11	643,4738	317°32'23"	4,4038	643,753	-0,404	4,0000	644,157	4,0000	644,157	0,95	643,474	644,119	-0,645	4,0000	644,080	-0,97	4,0000	644,080	4,5992	643,48
102+10,000		2050	7.902.622,53	281.991,49	644,1562	317°32'23"	4,2462	644,447	-0,246	4,0000	644,693	4,0000	644,693	-0,65	644,156	644,719	-0,563	4,0000	644,744	0,62	4,0000	644,744	5,1238	643,62
102+17,246	PC30	2057,246	7.902.627,42	281.996,83	644,6442	317°32'23"	4,3047	644,728	-0,305	4,0000	645,033	4,0000	645,033	-3,00	644,644	645,153	-0,509	4,0000	645,273	3,00	4,0000	645,273	4,5624	644,7
103		2060	7.902.629,29	281.998,86	644,8555	317°11'51"	4,3466	644,852	-0,347	4,0000	645,199	4,0000	645,199	-3,00	644,856	645,319	-0,463	4,0000	645,439	3,00	4,0000	645,439	4,3988	645,04
103+10,000		2070	7.902.636,16	282.006,12	645,5779	315°57'18"	4,6330	645,221	-0,633	4,0000	645,854	4,0000	645,854	-1,62	645,578	645,919	-0,341	4,0000	645,984	1,63	4,0000	645,984	4,1066	645,8'
103+18,663	PC31	2078,663	7.902.642,24	282.012,29	646,1845	314°52'43"	4,5469	645,891	-0,547	4,0000	646,438	4,0000	646,438	0,00	646,184	646,438	-0,254	4,0000	646,438	0,00	4,0000	646,438	4,2497	646,18
104		2080	7.902.643,18	282.013,25	646,2657	315°52'42"	4,5524	645,977	-0,552	4,0000	646,529	4,0000	646,529	0,25	646,266	646,519	-0,253	4,0000	646,509	-0,25	4,0000	646,509	4,2961	646,2
104+10,000		2090	7.902.649,66	282.020,86	646,9236	323°21'28"	4,2023	647,002	-0,202	4,0000	647,204	4,0000	647,204	2,12	646,924	647,119	-0,195	4,0000	647,034	-2,13	4,0000	647,034	4,5088	646,52
104+16,991	PCC31	2096,991	7.902.653,57	282.026,65	647,3586	328°35'11"	4,1284	647,530	-0,128	4,0000	647,658	4,0000	647,658	3,00	647,359	647,538	-0,179	4,0000	647,418	-3,00	4,0000	647,418	4,1005	647,3
105		2100	7.902.655,11	282.029,23	647,5319	329°36'48"	4,1984	647,641	-0,198	4,0000	647,839	4,0000	647,839	3,00	647,532	647,719	-0,187	4,0000	647,599	-3,00	4,0000	647,599	4,1034	647,8'
105+10,000		2110	7.902.659,91	282.038,00	648,1691	333°01'35"	4,1571	648,282	-0,157	4,0000	648,439	4,0000	648,439	3,00	648,169	648,319	-0,150	4,0000	648,199	-3,00	4,0000	648,199	4,7437	649,68
106		2120	7.902.664,18	282.047,04	648,7783	336°26'22"	4,0806	648,958	-0,081	4,0000	649,039	4,0000	649,039	3,00	648,778	648,919	-0,141	4,0000	648,799	-3,00	4,0000	648,799	4,8376	650,47
106+10,000		2130	7.902.667,90	282.056,32	649,374	339°51'09"	4,2796	649,359	-0,280	4,0000	649,639	4,0000	649,639	3,00	649,374	649,519	-0,145	4,0000	649,399	-3,00	4,0000	649,399	4,9975	651,3'
106+10,722	PC32	2130,722	7.902.668,15	282.057,00	649,4157	340°05'56"	4,2738	649,408	-0,274	4,0000	649,682	4,0000	649,682	3,00	649,416	649,562	-0,146	4,0000	649,442	-3,00	4,0000	649,442	5,1262	651,6'
107		2140	7.902.671,20	282.065,77	649,9516	341°31'48"	4,3213	649,918	-0,321	4,0000	650,239	4,0000	650,239	3,00	649,952	650,119	-0,167	4,0000	649,999	-3,00	4,0000	649,999	6,0936	654,18
107+10,000		2150	7.902.674,24	282.075,29	650,5424	343°04'21"	4,3928	650,446	-0,393	4,0000	650,839	4,0000	650,839	3,00	650,542	650,719	-0,177	4,0000	650,599	-3,00	4,0000	650,599	6,4214	655,44
108		2160	7.902.677,02	282																				