

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
0	PI-0	0,000	771.467,699	7.623.250,952	412,322	244°52'00"
0+8,114	PI1	8,114	771.464,253	7.623.258,298	412,225	244°52'00"
0+9,087	PC2	9,087	771.463,840	7.623.259,179	412,236	244°52'00"
1		20,000	771.461,151	7.623.269,689	412,240	266°25'40"
1+11,610	PT2	31,610	771.462,735	7.623.281,113	412,178	289°21'58"
2		40,000	771.465,517	7.623.289,028	412,154	289°21'58"
3		60,000	771.472,149	7.623.307,896	412,088	289°21'58"
4		80,000	771.478,781	7.623.326,765	412,005	289°21'58"
5		100,000	771.485,413	7.623.345,633	411,940	289°21'58"
6		120,000	771.492,045	7.623.364,501	411,884	289°21'58"
6+9,492		129,492	771.495,193	7.623.373,456	411,898	289°21'58"
6+13,801	V1	133,801	771.496,622	7.623.377,521	412,020	289°20'17"
7		140,000	771.498,672	7.623.383,372	412,070	289°18'36"
8		160,000	771.505,285	7.623.402,247	412,094	289°18'36"
8+18,000	PIV2	178,000	771.511,237	7.623.419,234	412,121	289°18'36"
9		180,000	771.511,899	7.623.421,121	412,102	289°18'36"
10		200,000	771.518,512	7.623.439,996	412,160	289°18'36"
10+6,723	PIV3	206,723	771.520,735	7.623.446,341	412,179	289°18'36"
11		220,000	771.525,126	7.623.458,871	412,117	289°18'36"
11+1,064		221,064	771.525,478	7.623.459,875	412,122	289°18'36"
11+18,430	PIV4	238,430	771.531,220	7.623.476,265	412,193	289°18'35"
12		240,000	771.531,739	7.623.477,746	412,200	289°18'34"
13		260,000	771.538,353	7.623.496,621	412,286	289°18'34"
14		280,000	771.544,966	7.623.515,496	412,384	289°18'34"
15		300,000	771.551,579	7.623.534,371	412,481	289°18'34"
15+2,679	PIV5	302,679	771.552,465	7.623.536,899	412,409	289°18'34"
15+9,853		309,853	771.554,838	7.623.543,670	412,367	289°18'34"
16		320,000	771.558,193	7.623.553,246	412,431	289°18'34"
17	PIV6	340,000	771.564,806	7.623.572,121	412,529	289°18'34"
18		360,000	771.571,420	7.623.590,996	412,694	289°18'34"
19		380,000	771.578,033	7.623.609,871	412,895	289°18'34"
19+10,246	PC6	390,246	771.581,421	7.623.619,541	412,992	289°18'34"
19+14,925	PC7	394,925	771.583,927	7.623.623,441	412,997	316°06'56"
20		400,000	771.586,462	7.623.627,764	412,975	284°40'49"
20+3,580	PC8	403,580	771.586,685	7.623.631,315	413,024	262°30'12"
20+8,259	PT8	408,259	771.587,162	7.623.635,927	413,099	289°18'34"
20+11,842	PI9	411,842	771.588,347	7.623.639,308	413,134	289°20'00"
21	PIV7	420,000	771.591,051	7.623.647,005	413,212	289°21'27"
22		440,000	771.597,680	7.623.665,874	413,395	289°21'27"
23		460,000	771.604,310	7.623.684,744	413,561	289°21'27"
24		480,000	771.610,939	7.623.703,613	413,721	289°21'27"
24+13,659		493,659	771.615,466	7.623.716,500	413,758	289°21'27"
25	PIV8	500,000	771.617,568	7.623.722,482	413,908	289°21'27"
26		520,000	771.624,197	7.623.741,352	414,197	289°21'27"
27	PIV9	540,000	771.630,826	7.623.760,221	414,417	289°21'27"
28		560,000	771.637,456	7.623.779,091	414,548	289°21'27"
28+18,590	PC10	578,590	771.643,618	7.623.796,630	414,706	289°21'27"
29		580,000	771.644,177	7.623.797,923	414,723	297°26'00"
29+3,008	PC11	583,008	771.645,940	7.623.800,346	414,746	314°40'07"
29+11,181	PC12	591,181	771.648,562	7.623.807,808	414,828	264°02'46"
29+15,598	PT12	595,598	771.649,073	7.623.812,160	414,835	289°21'27"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
30	PIV10	600,000	771.650,532	7.623.816,313	414,848	289°21'27"
31		620,000	771.657,162	7.623.835,182	415,135	289°21'27"
32		640,000	771.663,791	7.623.854,051	415,366	289°21'27"
33		660,000	771.670,420	7.623.872,921	415,524	289°21'27"
34	PIV11	680,000	771.677,049	7.623.891,790	415,689	289°21'27"
34+0,429	PI13	680,429	771.677,192	7.623.892,195	415,695	289°22'21"
34+12,146		692,146	771.681,081	7.623.903,248	415,802	289°23'16"
35		700,000	771.683,688	7.623.910,656	415,835	289°23'16"
35+3,000	PCV12	703,000	771.684,684	7.623.913,486	415,871	289°23'16"
35+13,000		713,000	771.688,004	7.623.922,919	415,995	289°23'16"
36		720,000	771.690,327	7.623.929,522	416,081	289°23'16"
36+3,000	PTV12	723,000	771.691,323	7.623.932,352	416,118	289°23'16"
37	PIV13	740,000	771.696,967	7.623.948,388	416,328	289°23'16"
38		760,000	771.703,606	7.623.967,254	416,516	289°23'16"
39		780,000	771.710,245	7.623.986,120	416,608	289°23'16"
39+8,221	PC14	788,221	771.712,974	7.623.993,874	416,673	289°23'16"
39+12,898	PC15	792,898	771.715,484	7.623.997,771	416,748	316°11'25"
40		800,000	771.718,324	7.624.004,091	416,803	272°12'07"
40+1,553	PC16	801,553	771.718,253	7.624.005,640	416,807	262°35'07"
40+6,231	PT16	806,231	771.718,737	7.624.010,250	416,850	289°23'16"
41		820,000	771.723,308	7.624.023,239	417,000	289°23'16"
42	PIV14	840,000	771.729,947	7.624.042,104	417,286	289°23'16"
43		860,000	771.736,586	7.624.060,970	417,492	289°23'16"
44		880,000	771.743,225	7.624.079,836	417,695	289°23'16"
44+0,257	PI17	880,257	771.743,311	7.624.080,079	417,698	289°22'28"
44+8,531		888,531	771.746,054	7.624.087,885	417,642	289°21'41"
45	PIV15	900,000	771.749,856	7.624.098,705	417,578	289°21'41"
46		920,000	771.756,486	7.624.117,574	417,821	289°21'41"
47		940,000	771.763,117	7.624.136,443	418,031	289°21'41"
48		960,000	771.769,747	7.624.155,312	418,149	289°21'41"
48+11,429	PC18	971,429	771.773,536	7.624.166,094	418,215	289°21'41"
48+16,033	PC19	976,033	771.775,991	7.624.169,941	418,127	315°44'26"
49		980,000	771.778,162	7.624.173,226	418,140	291°09'58"
49+4,550	PC20	984,550	771.778,716	7.624.177,696	418,157	262°58'55"
49+9,154	PT20	989,154	771.779,207	7.624.182,233	418,312	289°21'41"
50		1000,000	771.782,803	7.624.192,465	418,339	289°21'41"
50+0,612	PIV16	1000,612	771.783,006	7.624.193,043	418,340	289°21'41"
51		1020,000	771.789,433	7.624.211,334	418,382	289°21'41"
52		1040,000	771.796,063	7.624.230,203	418,433	289°21'41"
53		1060,000	771.802,694	7.624.249,072	418,455	289°21'41"
53+17,512	PI21	1077,512	771.808,500	7.624.265,594	418,481	289°19'50"
54		1080,000	771.809,322	7.624.267,942	418,476	289°17'59"
55		1100,000	771.815,932	7.624.286,818	418,436	289°17'59"
56		1120,000	771.822,542	7.624.305,694	418,347	289°17'59"
57		1140,000	771.829,153	7.624.324,570	418,352	289°17'59"
58		1160,000	771.835,763	7.624.343,446	418,107	289°17'59"
59		1180,000	771.842,373	7.624.362,322	417,989	289°17'59"
60		1200,000	771.848,983	7.624.381,198	417,881	289°17'59"
60+15,340	PIV17	1215,340	771.854,053	7.624.395,676	417,832	289°17'59"
61		1220,000	771.855,593	7.624.400,074	417,846	289°17'59"
62		1240,000	771.862,204	7.624.418,950	417,766	289°17'59"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
63		1260,000	771.868,814	7.624.437,826	417,611	289°17'59"
63+10,000	PCV11	1270,000	771.872,119	7.624.447,265	417,578	289°17'59"
64		1280,000	771.875,424	7.624.456,702	417,543	289°17'59"
64+10,000	PTV11	1290,000	771.878,729	7.624.466,141	417,506	289°17'59"
65		1300,000	771.882,034	7.624.475,578	417,470	289°17'59"
65+10,264	PIV19	1310,264	771.885,427	7.624.485,265	417,495	289°17'59"
66		1320,000	771.888,645	7.624.494,454	417,587	289°17'59"
67		1340,000	771.895,255	7.624.513,330	417,823	289°17'59"
68		1360,000	771.901,865	7.624.532,206	418,025	289°17'59"
69		1380,000	771.908,475	7.624.551,082	418,220	289°17'59"
70		1400,000	771.915,085	7.624.569,959	418,426	289°17'59"
71		1420,000	771.921,696	7.624.588,835	418,664	289°17'59"
72		1440,000	771.928,306	7.624.607,711	418,806	289°17'59"
72+3,369	PI24	1443,369	771.929,419	7.624.610,891	418,821	289°17'12"
72+4,889		1444,889	771.929,921	7.624.612,325	418,826	289°16'24"
72+19,194		1459,194	771.934,643	7.624.625,829	418,932	289°16'24"
73		1460,000	771.934,909	7.624.626,589	418,938	289°16'24"
73+3,033	PIV20	1463,033	771.935,910	7.624.629,452	418,960	289°16'24"
74		1480,000	771.941,510	7.624.645,468	419,043	289°16'24"
75	PIV21	1500,000	771.948,112	7.624.664,347	419,178	289°16'24"
76	PIV22	1520,000	771.954,713	7.624.683,226	419,363	289°16'24"
76+12,902		1532,902	771.958,972	7.624.695,406	419,524	289°16'24"
77		1540,000	771.961,315	7.624.702,106	419,631	289°16'24"
78		1560,000	771.967,916	7.624.720,985	419,802	289°16'24"
79		1580,000	771.974,518	7.624.739,864	420,080	289°16'24"
79+19,883		1599,883	771.981,081	7.624.758,633	420,292	289°16'24"
80		1600,000	771.981,119	7.624.758,743	420,294	289°16'24"
81		1620,000	771.987,721	7.624.777,622	420,674	289°16'24"
82		1640,000	771.994,322	7.624.796,501	420,958	289°16'24"
83		1660,000	772.000,924	7.624.815,380	421,235	289°16'24"
83+13,273		1673,273	772.005,305	7.624.827,909	421,400	289°16'24"
84		1680,000	772.007,525	7.624.834,259	421,487	289°16'24"
85		1700,000	772.014,127	7.624.853,138	421,715	289°16'24"
86		1720,000	772.020,728	7.624.872,017	421,912	289°16'24"
87	PIV23	1740,000	772.027,330	7.624.890,897	422,131	289°16'24"
87+7,485		1747,485	772.029,800	7.624.897,962	422,161	289°16'24"
88		1760,000	772.033,931	7.624.909,776	422,436	289°16'24"
89		1780,000	772.040,533	7.624.928,655	422,592	289°16'24"
90		1800,000	772.047,134	7.624.947,534	422,748	289°16'24"
91		1820,000	772.053,736	7.624.966,413	422,932	289°16'24"
91+1,923		1821,923	772.054,370	7.624.968,228	422,957	289°16'24"
92	PIV24	1840,000	772.060,337	7.624.985,292	423,172	289°16'24"
93		1860,000	772.066,939	7.625.004,171	423,390	289°16'24"
94		1880,000	772.073,540	7.625.023,050	423,545	289°16'24"
95		1900,000	772.080,142	7.625.041,929	423,647	289°16'24"
96		1920,000	772.086,743	7.625.060,808	423,843	289°16'24"
97		1940,000	772.093,345	7.625.079,687	424,059	289°16'24"
98		1960,000	772.099,946	7.625.098,567	424,241	289°16'24"
98+6,604		1966,604	772.102,126	7.625.104,801	424,283	289°16'24"
99		1980,000	772.106,548	7.625.117,446	424,356	289°16'24"
100	PIV25	2000,000	772.113,149	7.625.136,325	424,508	289°16'24"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
101		2020,000	772.119,751	7.625.155,204	424,559	289°16'24"
102	PIV26	2040,000	772.126,352	7.625.174,083	424,721	289°16'24"
103		2060,000	772.132,954	7.625.192,962	424,898	289°16'24"
103+3,795	PI26	2063,795	772.134,206	7.625.196,544	424,931	289°15'58"
103+10,913		2070,913	772.136,554	7.625.203,264	424,970	289°15'32"
104		2080,000	772.139,551	7.625.211,843	425,020	289°15'32"
104+8,000	PIV27	2088,000	772.142,190	7.625.219,394	425,053	289°15'32"
105		2100,000	772.146,148	7.625.230,723	425,097	289°15'32"
106		2120,000	772.152,745	7.625.249,604	425,171	289°15'32"
107		2140,000	772.159,341	7.625.268,485	425,265	289°15'32"
107+2,000	PCV28	2142,000	772.160,001	7.625.270,373	425,275	289°15'32"
107+12,000		2152,000	772.163,299	7.625.279,813	425,322	289°15'32"
108		2160,000	772.165,938	7.625.287,366	425,359	289°15'32"
108+2,000	PTV28	2162,000	772.166,597	7.625.289,253	425,368	289°15'32"
108+11,453	PIV29	2171,453	772.169,715	7.625.298,177	425,526	289°15'32"
108+14,736	V30	2174,736	772.170,798	7.625.301,277	425,624	289°15'32"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
0	PI-0	0,000	771.429,872	7.623.260,693	412,546	311°20'57"
0+7,812	PI1	7,812	771.435,032	7.623.266,557	412,372	311°20'57"
0+10,404	PC2	10,404	771.436,745	7.623.268,503	412,352	311°20'57"
1		20,000	771.442,572	7.623.276,118	412,254	303°29'43"
1+17,136	PT2	37,136	771.450,194	7.623.291,418	412,102	289°28'08"
2		40,000	771.451,149	7.623.294,118	412,105	289°28'08"
3		60,000	771.457,815	7.623.312,974	412,144	289°28'08"
4		80,000	771.464,480	7.623.331,831	412,135	289°28'08"
5		100,000	771.471,146	7.623.350,687	412,107	289°28'08"
5+17,954	PI3	117,954	771.477,130	7.623.367,615	412,074	289°24'23"
6		120,000	771.477,808	7.623.369,545	412,068	289°20'39"
6+8,809		128,809	771.480,726	7.623.377,857	412,041	289°20'39"
7		140,000	771.484,433	7.623.388,416	412,033	289°20'39"
8		160,000	771.491,058	7.623.407,287	412,107	289°20'39"
9		180,000	771.497,682	7.623.426,158	412,189	289°20'39"
10		200,000	771.504,307	7.623.445,029	412,330	289°20'39"
10+17,287		217,287	771.510,033	7.623.461,340	412,298	289°20'39"
11		220,000	771.510,932	7.623.463,900	412,259	289°20'39"
12		240,000	771.517,557	7.623.482,771	412,405	289°20'39"
13		260,000	771.524,182	7.623.501,642	412,384	289°20'39"
14		280,000	771.530,807	7.623.520,513	412,507	289°20'39"
14+19,796	V1	299,796	771.537,364	7.623.539,191	412,551	289°20'39"
15		300,000	771.537,431	7.623.539,384	412,551	289°20'39"
15+9,826		309,826	771.540,686	7.623.548,654	412,557	289°20'39"
15+13,000	PCV2	313,000	771.541,737	7.623.551,649	412,557	289°20'39"
15+17,823	PI5	317,823	771.543,335	7.623.556,200	412,558	289°21'43"
16		320,000	771.544,058	7.623.558,254	412,566	289°22'47"
16+3,000		323,000	771.545,053	7.623.561,084	412,580	289°22'47"
16+13,000	PTV2	333,000	771.548,371	7.623.570,517	412,646	289°22'47"
17		340,000	771.550,694	7.623.577,121	412,692	289°22'47"
18	PIV3	360,000	771.557,331	7.623.595,988	412,805	289°22'47"
19		380,000	771.563,967	7.623.614,854	412,863	289°22'47"
19+11,359	PC6	391,359	771.567,736	7.623.625,570	412,895	289°22'47"
19+15,376	PC7	395,376	771.568,283	7.623.629,522	412,931	266°21'55"
20	PIV4	400,000	771.569,132	7.623.634,019	413,033	295°00'32"
20+2,807	PC8	402,807	771.570,683	7.623.636,345	413,080	312°23'40"
20+6,824	PT8	406,824	771.572,731	7.623.639,769	413,137	289°22'47"
21		420,000	771.577,104	7.623.652,199	413,247	289°22'47"
22	PIV5	440,000	771.583,740	7.623.671,066	413,402	289°22'47"
23		460,000	771.590,377	7.623.689,932	413,622	289°22'47"
24	PIV6	480,000	771.597,013	7.623.708,799	413,861	289°22'47"
24+13,160		493,160	771.601,380	7.623.721,213	413,889	289°22'47"
25		500,000	771.603,650	7.623.727,666	413,891	289°22'47"
25+2,591	PIV7	502,591	771.604,510	7.623.730,110	413,916	289°22'47"
26		520,000	771.610,287	7.623.746,533	414,316	289°22'47"
27		540,000	771.616,923	7.623.765,400	414,360	289°22'47"
28		560,000	771.623,560	7.623.784,266	414,561	289°22'47"
28+4,245	PIV8	564,245	771.624,968	7.623.788,271	414,610	289°22'47"
28+18,341	PC10	578,341	771.629,646	7.623.801,568	414,743	289°22'47"
29		580,000	771.630,064	7.623.803,172	414,751	279°52'24"
29+2,744	PC11	582,744	771.630,160	7.623.805,906	414,773	264°08'58"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
29+10,891	PC12	590,891	771.632,777	7.623.813,345	414,888	314°36'37"
29+15,294	PT12	595,294	771.635,091	7.623.817,049	414,911	289°22'47"
30	PIV9	600,000	771.636,653	7.623.821,488	414,914	289°22'47"
31		620,000	771.643,289	7.623.840,355	415,206	289°22'47"
32	PIV10	640,000	771.649,926	7.623.859,222	415,359	289°22'47"
33		660,000	771.656,563	7.623.878,088	415,594	289°22'47"
34	PIV11	680,000	771.663,199	7.623.896,955	415,824	289°22'47"
34+2,805	PI13	682,805	771.664,130	7.623.899,601	415,855	289°26'14"
34+12,249		692,249	771.667,281	7.623.908,504	415,965	289°29'40"
35		700,000	771.669,868	7.623.915,811	416,043	289°29'40"
36		720,000	771.676,542	7.623.934,664	416,212	289°29'40"
37		740,000	771.683,217	7.623.953,517	416,476	289°29'40"
38		760,000	771.689,891	7.623.972,371	416,705	289°29'40"
39		780,000	771.696,565	7.623.991,224	416,896	289°29'40"
39+8,375	PC14	788,375	771.699,360	7.623.999,119	416,976	289°29'40"
39+12,813	PC15	792,813	771.699,880	7.624.003,490	416,926	264°04'06"
40		800,000	771.701,850	7.624.010,215	416,975	308°35'10"
40+1,023	PC16	801,023	771.702,531	7.624.010,978	416,981	314°55'15"
40+5,460	PT16	805,460	771.704,877	7.624.014,702	417,012	289°29'40"
40+11,443	PI17	811,443	771.706,873	7.624.020,341	417,068	289°26'01"
40+18,401	PIV13	818,401	771.709,181	7.624.026,905	417,166	289°22'23"
41		820,000	771.709,712	7.624.028,414	417,189	289°22'23"
42		840,000	771.716,346	7.624.047,282	417,470	289°22'23"
43		860,000	771.722,980	7.624.066,149	417,675	289°22'23"
44		880,000	771.729,615	7.624.085,017	417,858	289°22'23"
44+8,207		888,207	771.732,337	7.624.092,759	417,729	289°22'23"
45		900,000	771.736,249	7.624.103,884	417,629	289°22'23"
46		920,000	771.742,883	7.624.122,752	417,968	289°22'23"
47		940,000	771.749,518	7.624.141,620	418,120	289°22'23"
48		960,000	771.756,152	7.624.160,487	418,216	289°22'23"
48+0,812	PIV14	960,812	771.756,421	7.624.161,253	418,220	289°22'23"
48+11,150	PC18	971,150	771.759,850	7.624.171,006	418,270	289°22'23"
48+15,699	PC19	975,699	771.760,349	7.624.175,488	418,138	263°18'37"
49		980,000	771.760,841	7.624.179,722	418,159	289°57'09"
49+4,114	PC20	984,114	771.763,045	7.624.183,156	418,180	315°26'08"
49+8,663	PT20	988,663	771.765,461	7.624.186,963	418,431	289°22'23"
50		1000,000	771.769,222	7.624.197,658	418,395	289°22'23"
51		1020,000	771.775,856	7.624.216,526	418,329	289°22'23"
52		1040,000	771.782,491	7.624.235,394	418,481	289°22'23"
52+19,253	PI21	1059,253	771.788,877	7.624.253,556	418,471	289°20'20"
53		1060,000	771.789,124	7.624.254,261	418,474	289°18'17"
53+8,193	PIV15	1068,193	771.791,833	7.624.261,994	418,492	289°18'17"
53+8,902		1068,902	771.792,067	7.624.262,663	418,493	289°18'17"
53+15,573	PIV16	1075,573	771.794,273	7.624.268,959	418,520	289°18'17"
54		1080,000	771.795,736	7.624.273,137	418,502	289°18'17"
55		1100,000	771.802,348	7.624.292,012	418,423	289°18'17"
56		1120,000	771.808,960	7.624.310,888	418,338	289°18'17"
57		1140,000	771.815,572	7.624.329,763	418,374	289°18'17"
58		1160,000	771.822,184	7.624.348,639	418,150	289°18'17"
59		1180,000	771.828,796	7.624.367,514	418,040	289°18'17"
60		1200,000	771.835,407	7.624.386,390	417,992	289°18'17"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
60+19,404		1219,404	771.841,822	7.624.404,703	417,832	289°18'17"
61		1220,000	771.842,019	7.624.405,265	417,837	289°18'17"
62		1240,000	771.848,631	7.624.424,141	417,855	289°18'17"
63		1260,000	771.855,243	7.624.443,016	417,885	289°18'17"
63+3,207	PIV17	1263,207	771.856,303	7.624.446,043	417,873	289°18'17"
64		1280,000	771.861,855	7.624.461,892	417,891	289°18'17"
64+6,000	PCV18	1286,000	771.863,839	7.624.467,554	417,892	289°18'17"
64+16,000		1296,000	771.867,145	7.624.476,992	417,842	289°18'17"
65		1300,000	771.868,467	7.624.480,767	417,821	289°18'17"
65+5,258		1305,258	771.870,205	7.624.485,729	417,828	289°18'17"
65+6,000	PTV18	1306,000	771.870,451	7.624.486,430	417,828	289°18'17"
66		1320,000	771.875,079	7.624.499,642	417,870	289°18'17"
67	PIV19	1340,000	771.881,691	7.624.518,518	418,000	289°18'17"
68		1360,000	771.888,303	7.624.537,393	418,136	289°18'17"
69	PIV20	1380,000	771.894,914	7.624.556,269	418,302	289°18'17"
69+4,816		1384,816	771.896,507	7.624.560,814	418,422	289°18'17"
69+13,402	PI24	1393,402	771.899,345	7.624.568,917	418,528	289°20'35"
70		1400,000	771.901,535	7.624.575,141	418,608	289°22'53"
71		1420,000	771.908,172	7.624.594,008	418,782	289°22'53"
72	PIV21	1440,000	771.914,809	7.624.612,874	418,952	289°22'53"
72+18,343		1458,343	771.920,896	7.624.630,178	419,056	289°22'53"
73		1460,000	771.921,446	7.624.631,741	419,054	289°22'53"
74	PIV22	1480,000	771.928,083	7.624.650,608	419,213	289°22'53"
75		1500,000	771.934,720	7.624.669,474	419,359	289°22'53"
76		1520,000	771.941,357	7.624.688,341	419,456	289°22'53"
76+12,762		1532,762	771.945,592	7.624.700,380	419,441	289°22'53"
77	PIV23	1540,000	771.947,994	7.624.707,208	419,535	289°22'53"
78		1560,000	771.954,632	7.624.726,074	419,765	289°22'53"
79		1580,000	771.961,269	7.624.744,941	420,068	289°22'53"
79+19,539		1599,539	771.967,753	7.624.763,372	420,305	289°22'53"
80	PIV24	1600,000	771.967,906	7.624.763,807	420,308	289°22'53"
80+10,000	PCV25	1610,000	771.971,224	7.624.773,240	420,460	289°22'53"
81		1620,000	771.974,543	7.624.782,674	420,597	289°22'53"
81+10,000	PTV25	1630,000	771.977,861	7.624.792,107	420,734	289°22'53"
82		1640,000	771.981,180	7.624.801,541	420,877	289°22'53"
83		1660,000	771.987,817	7.624.820,407	421,138	289°22'53"
83+10,000	PCV26	1670,000	771.991,136	7.624.829,840	421,272	289°22'53"
83+13,215		1673,215	771.992,202	7.624.832,873	421,319	289°22'53"
84		1680,000	771.994,454	7.624.839,274	421,451	289°22'53"
84+10,000	PTV26	1690,000	771.997,773	7.624.848,707	421,529	289°22'53"
85	PIV27	1700,000	772.001,091	7.624.858,140	421,602	289°22'53"
86		1720,000	772.007,728	7.624.877,007	421,742	289°22'53"
87		1740,000	772.014,365	7.624.895,874	421,877	289°22'53"
87+7,484		1747,484	772.016,849	7.624.902,933	422,041	289°22'53"
88	PIV28	1760,000	772.021,003	7.624.914,740	422,150	289°22'53"
89		1780,000	772.027,640	7.624.933,607	422,379	289°22'53"
90	PIV29	1800,000	772.034,277	7.624.952,473	422,599	289°22'53"
91		1820,000	772.040,914	7.624.971,340	422,875	289°22'53"
91+1,846		1821,846	772.041,526	7.624.973,081	422,901	289°22'53"
92	PIV30	1840,000	772.047,551	7.624.990,207	423,095	289°22'53"
93		1860,000	772.054,188	7.625.009,073	423,314	289°22'53"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
94	PIV31	1880,000	772.060,825	7.625.027,940	423,473	289°22'53"
94+16,064		1896,064	772.066,156	7.625.043,093	423,678	289°22'53"
95		1900,000	772.067,462	7.625.046,806	423,707	289°22'53"
96		1920,000	772.074,099	7.625.065,673	423,890	289°22'53"
97		1940,000	772.080,737	7.625.084,540	424,109	289°22'53"
98	PIV32	1960,000	772.087,374	7.625.103,406	424,289	289°22'53"
98+3,154	PI25	1963,154	772.088,420	7.625.106,382	424,329	289°08'20"
99		1980,000	772.093,876	7.625.122,320	424,517	288°53'46"
100	PIV33	2000,000	772.100,353	7.625.141,242	424,645	288°53'46"
100+9,369		2009,369	772.103,387	7.625.150,106	424,739	288°53'46"
101		2020,000	772.106,830	7.625.160,164	424,861	288°53'46"
102		2040,000	772.113,307	7.625.179,086	424,992	288°53'46"
103		2060,000	772.119,784	7.625.198,008	425,147	288°53'46"
103+10,039		2070,039	772.123,035	7.625.207,506	425,204	288°53'46"
104	PIV34	2080,000	772.126,261	7.625.216,930	425,237	288°53'46"
105		2100,000	772.132,738	7.625.235,853	425,289	288°53'46"
106	PIV35	2120,000	772.139,215	7.625.254,775	425,483	288°53'46"
107		2140,000	772.145,692	7.625.273,697	425,538	288°53'46"
107+10,000	PCV36	2150,000	772.148,931	7.625.283,158	425,543	288°53'46"
108	PCCV36	2160,000	772.152,169	7.625.292,619	425,562	288°53'46"
108+11,000	PTV38	2171,000	772.155,732	7.625.303,026	425,587	288°53'46"
108+14,222	V38	2174,222	772.156,775	7.625.306,075	425,613	288°53'46"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
0	PI-0	0,000	771.680,080	7.625.467,131	429,190	15°46'44"
0+6,139	V1	6,139	771.685,988	7.625.465,462	429,167	15°46'44"
0+10,000	PCV2	10,000	771.689,703	7.625.464,412	428,923	15°46'44"
0+17,000		17,000	771.696,440	7.625.462,509	428,658	15°46'44"
1		20,000	771.699,326	7.625.461,693	428,609	15°46'44"
1+10,000	PTV2	30,000	771.708,950	7.625.458,973	428,447	15°46'44"
1+14,475	PI2	34,475	771.713,257	7.625.457,757	428,388	17°20'15"
2		40,000	771.718,483	7.625.455,967	428,350	18°53'46"
3		60,000	771.737,405	7.625.449,490	428,218	18°53'46"
4		80,000	771.756,328	7.625.443,013	428,126	18°53'46"
4+1,903		81,903	771.758,128	7.625.442,397	428,102	18°53'46"
5		100,000	771.775,250	7.625.436,536	428,003	18°53'46"
6		120,000	771.794,172	7.625.430,059	427,902	18°53'46"
7		140,000	771.813,094	7.625.423,582	427,793	18°53'46"
7+2,269		142,269	771.815,241	7.625.422,847	427,775	18°53'46"
7+9,801	PI3	149,801	771.822,367	7.625.420,408	427,751	18°52'26"
8		160,000	771.832,019	7.625.417,112	427,727	18°51'05"
9		180,000	771.850,946	7.625.410,650	427,651	18°51'05"
10	PIV3	200,000	771.869,873	7.625.404,188	427,498	18°51'05"
10+2,230		202,230	771.871,983	7.625.403,467	427,480	18°51'05"
10+9,154	PI4	209,154	771.878,536	7.625.401,230	427,428	18°52'23"
11		220,000	771.888,798	7.625.397,718	427,331	18°53'41"
12		240,000	771.907,720	7.625.391,241	427,150	18°53'41"
13		260,000	771.926,642	7.625.384,764	427,058	18°53'41"
13+1,860		261,860	771.928,402	7.625.384,162	427,054	18°53'41"
14		280,000	771.945,565	7.625.378,288	426,968	18°53'41"
15		300,000	771.964,487	7.625.371,811	426,799	18°53'41"
16		320,000	771.983,409	7.625.365,335	426,608	18°53'41"
16+2,149		322,149	771.985,442	7.625.364,639	426,591	18°53'41"
16+9,672		329,672	771.992,560	7.625.362,203	426,619	18°52'42"
17	PIV4	340,000	772.002,333	7.625.358,864	426,501	18°51'43"
18		360,000	772.021,259	7.625.352,398	426,351	18°51'43"
19		380,000	772.040,185	7.625.345,932	426,291	18°51'43"
19+2,114		382,114	772.042,186	7.625.345,249	426,286	18°51'43"
20		400,000	772.059,111	7.625.339,466	426,137	18°51'43"
21		420,000	772.078,037	7.625.333,001	425,979	18°51'43"
22		440,000	772.096,963	7.625.326,535	425,892	18°51'43"
22+2,277		442,277	772.099,118	7.625.325,799	425,869	18°51'43"
22+9,781		449,781	772.106,220	7.625.323,373	425,842	18°52'31"
23	PIV5	460,000	772.115,888	7.625.320,064	425,818	18°53'18"
23+10,000	PCV6	470,000	772.125,350	7.625.316,827	425,782	18°53'18"
24		480,000	772.134,811	7.625.313,590	425,701	18°53'18"
24+10,000	PTV6	490,000	772.144,273	7.625.310,353	425,618	18°53'18"
25		500,000	772.153,734	7.625.307,115	425,597	18°53'18"
25+3,215		503,215	772.156,776	7.625.306,075	425,613	18°53'18"
25+10,000	PCV7	510,000	772.163,196	7.625.303,878	425,645	18°53'18"
25+18,036		518,036	772.170,799	7.625.301,277	425,624	18°53'18"
26		520,000	772.172,657	7.625.300,641	425,638	18°53'18"
26+10,000	PTV7	530,000	772.182,119	7.625.297,404	425,788	18°53'18"
27		540,000	772.191,580	7.625.294,166	425,966	18°53'18"
28	PCV8	560,000	772.210,503	7.625.287,692	426,299	18°53'18"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
28+2,056		562,056	772.212,449	7.625.287,026	426,295	18°53'18"
28+10,000		570,000	772.219,965	7.625.284,455	426,378	18°53'18"
28+11,477	PI7	571,477	772.221,362	7.625.283,977	426,402	19°08'32"
29	PTV8	580,000	772.229,401	7.625.281,146	426,372	19°23'46"
30	PIV9	600,000	772.248,266	7.625.274,504	426,291	19°23'46"
31		620,000	772.267,131	7.625.267,862	426,174	19°23'46"
31+2,814		622,814	772.269,785	7.625.266,928	426,152	19°23'46"
32		640,000	772.285,996	7.625.261,220	426,018	19°23'46"
33	PIV10	660,000	772.304,861	7.625.254,578	425,891	19°23'46"
34		680,000	772.323,726	7.625.247,937	425,759	19°23'46"
34+2,233		682,233	772.325,832	7.625.247,195	425,790	19°23'46"
35		700,000	772.342,591	7.625.241,295	425,747	19°23'46"
36		720,000	772.361,456	7.625.234,653	425,642	19°23'46"
37		740,000	772.380,321	7.625.228,011	425,536	19°23'46"
37+2,428		742,428	772.382,611	7.625.227,204	425,529	19°23'46"
38		760,000	772.399,185	7.625.221,369	425,484	19°23'46"
39		780,000	772.418,050	7.625.214,727	425,404	19°23'46"
40		800,000	772.436,915	7.625.208,085	425,317	19°23'46"
40+2,331		802,331	772.439,114	7.625.207,311	425,312	19°23'46"
41		820,000	772.455,780	7.625.201,443	425,252	19°23'46"
42		840,000	772.474,645	7.625.194,801	425,222	19°23'46"
43		860,000	772.493,510	7.625.188,159	425,153	19°23'46"
43+2,987		862,987	772.496,328	7.625.187,167	425,121	19°23'46"
43+9,772	PI8	869,772	772.502,728	7.625.184,914	425,049	19°22'55"
44		880,000	772.512,377	7.625.181,522	425,006	19°22'05"
45	PIV11	900,000	772.531,245	7.625.174,889	424,920	19°22'05"
46	PCV12	920,000	772.550,113	7.625.168,257	424,804	19°22'05"
46+2,614		922,614	772.552,579	7.625.167,390	424,775	19°22'05"
46+10,000		930,000	772.559,547	7.625.164,940	424,711	19°22'05"
47	PTV12	940,000	772.568,981	7.625.161,624	424,757	19°22'05"
48		960,000	772.587,849	7.625.154,991	424,880	19°22'05"
48+10,000	PCV13	970,000	772.597,283	7.625.151,675	424,961	19°22'05"
49		980,000	772.606,717	7.625.148,359	424,973	19°22'05"
49+10,000	PCCV14	990,000	772.616,151	7.625.145,042	424,944	19°22'05"
50		1000,000	772.625,585	7.625.141,726	424,852	19°22'05"
50+10,000	PTV14	1010,000	772.635,020	7.625.138,409	424,663	19°22'05"
50+11,353	V15	1011,353	772.636,296	7.625.137,961	424,600	19°22'05"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
0	PI-0	0,000	771.684,248	7.625.483,245	429,227	16°49'27"
0+7,522	V1	7,522	771.691,448	7.625.481,068	429,240	16°49'27"
0+17,585		17,585	771.701,080	7.625.478,156	428,909	16°49'27"
1	PCV2	20,000	771.703,392	7.625.477,457	428,830	16°49'27"
1+8,000		28,000	771.711,050	7.625.475,141	428,567	16°49'27"
1+10,000		30,000	771.712,964	7.625.474,562	428,501	16°49'27"
1+14,410		34,410	771.717,185	7.625.473,286	428,384	17°51'15"
2	PTV2	40,000	771.722,474	7.625.471,477	428,350	18°53'02"
3	PIV3	60,000	771.741,398	7.625.465,004	428,231	18°53'02"
4		80,000	771.760,321	7.625.458,531	428,114	18°53'02"
4+3,285		83,285	771.763,429	7.625.457,468	428,064	18°53'02"
5	PIV4	100,000	771.779,245	7.625.452,058	427,962	18°53'02"
6		120,000	771.798,168	7.625.445,585	427,865	18°53'02"
7		140,000	771.817,092	7.625.439,112	427,789	18°53'02"
7+2,269		142,269	771.819,238	7.625.438,377	427,780	18°53'02"
8		160,000	771.836,015	7.625.432,639	427,736	18°53'02"
9		180,000	771.854,939	7.625.426,166	427,595	18°53'02"
9+15,539		195,539	771.869,641	7.625.421,137	427,511	18°52'54"
10		200,000	771.873,862	7.625.419,693	427,490	18°52'46"
10+3,209		203,209	771.876,899	7.625.418,655	427,487	18°52'46"
11	PIV5	220,000	771.892,786	7.625.413,222	427,397	18°52'46"
12		240,000	771.911,711	7.625.406,750	427,233	18°52'46"
13		260,000	771.930,635	7.625.400,278	427,071	18°52'46"
13+2,529		262,529	771.933,027	7.625.399,460	427,038	18°52'46"
14	PIV6	280,000	771.949,559	7.625.393,807	426,967	18°52'46"
15		300,000	771.968,483	7.625.387,335	426,834	18°52'46"
16		320,000	771.987,407	7.625.380,864	426,675	18°52'46"
16+3,496		323,496	771.990,714	7.625.379,733	426,626	18°52'46"
16+11,112	PI4	331,112	771.997,921	7.625.377,268	426,686	18°52'59"
17		340,000	772.006,330	7.625.374,391	426,710	18°53'11"
18		360,000	772.025,254	7.625.367,917	426,618	18°53'11"
19		380,000	772.044,177	7.625.361,443	426,373	18°53'11"
19+3,439		383,439	772.047,431	7.625.360,330	426,342	18°53'11"
20	PIV7	400,000	772.063,100	7.625.354,970	426,135	18°53'11"
21		420,000	772.082,023	7.625.348,496	425,973	18°53'11"
22		440,000	772.100,946	7.625.342,022	425,891	18°53'11"
22+3,717		443,717	772.104,463	7.625.340,819	425,888	18°53'11"
23		460,000	772.119,870	7.625.335,548	425,887	18°53'11"
23+10,000	PCV8	470,000	772.129,331	7.625.332,311	425,851	18°53'11"
24		480,000	772.138,793	7.625.329,074	425,753	18°53'11"
24+10,000	PCCV9	490,000	772.148,255	7.625.325,837	425,613	18°53'11"
24+16,069		496,069	772.153,997	7.625.323,872	425,527	19°03'54"
25		500,000	772.157,708	7.625.322,577	425,533	19°14'36"
25+3,859		503,859	772.161,352	7.625.321,305	425,537	19°14'36"
25+10,000	PCCV10	510,000	772.167,150	7.625.319,281	425,536	19°14'36"
26		520,000	772.176,591	7.625.315,985	425,593	19°14'36"
26+2,000	PCCV10	522,000	772.178,479	7.625.315,326	425,620	19°14'36"
26+12,000	PTV10	532,000	772.187,921	7.625.312,030	425,865	19°14'36"
27		540,000	772.195,473	7.625.309,394	426,159	19°14'36"
27+10,000	PCV11	550,000	772.204,915	7.625.306,098	426,509	19°14'36"
28		560,000	772.214,356	7.625.302,802	426,623	19°14'36"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
28+3,547		563,547	772.217,705	7.625.301,633	426,554	19°14'36"
28+10,000	PTV11	570,000	772.223,797	7.625.299,506	426,562	19°14'36"
29		580,000	772.233,238	7.625.296,210	426,551	19°14'36"
30		600,000	772.252,121	7.625.289,619	426,506	19°14'36"
31		620,000	772.271,003	7.625.283,027	426,350	19°14'36"
31+3,794		623,794	772.274,586	7.625.281,777	426,339	19°14'36"
32		640,000	772.289,886	7.625.276,436	426,277	19°14'36"
33		660,000	772.308,768	7.625.269,844	426,241	19°14'36"
34	PIV12	680,000	772.327,651	7.625.263,252	426,040	19°14'36"
34+3,407		683,407	772.330,868	7.625.262,129	425,991	19°14'36"
35		700,000	772.346,534	7.625.256,661	425,993	19°14'36"
36	PIV13	720,000	772.365,416	7.625.250,069	425,889	19°14'36"
36+15,552	PI6	735,552	772.380,099	7.625.244,944	425,755	19°18'42"
37		740,000	772.384,295	7.625.243,467	425,725	19°22'48"
37+3,482		743,482	772.387,580	7.625.242,312	425,704	19°22'48"
38		760,000	772.403,162	7.625.236,831	425,694	19°22'48"
39		780,000	772.422,029	7.625.230,194	425,651	19°22'48"
40		800,000	772.440,895	7.625.223,558	425,545	19°22'48"
40+3,528		803,528	772.444,223	7.625.222,387	425,528	19°22'48"
41		820,000	772.459,762	7.625.216,921	425,443	19°22'48"
42		840,000	772.478,629	7.625.210,284	425,382	19°22'48"
43		860,000	772.497,496	7.625.203,648	425,291	19°22'48"
43+3,768		863,768	772.501,050	7.625.202,397	425,252	19°22'48"
44		880,000	772.516,363	7.625.197,011	425,167	19°22'48"
45		900,000	772.535,229	7.625.190,374	425,093	19°22'48"
46		920,000	772.554,096	7.625.183,738	425,015	19°22'48"
46+3,586		923,586	772.557,479	7.625.182,548	424,988	19°22'48"
46+9,886	PI7	929,886	772.563,422	7.625.180,457	424,964	19°22'37"
47	PIV14	940,000	772.572,963	7.625.177,102	424,976	19°22'25"
47+14,139		954,139	772.586,301	7.625.172,412	424,990	19°22'25"
48		960,000	772.591,831	7.625.170,468	425,030	19°22'25"
49	PCV15	980,000	772.610,698	7.625.163,833	425,140	19°22'25"
49+10,000		990,000	772.620,132	7.625.160,516	425,187	19°22'25"
50	PTV15	1000,000	772.629,566	7.625.157,199	425,073	19°22'25"
50+12,776	V16	1012,776	772.641,618	7.625.152,960	424,843	19°22'25"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
0		0,000	771.568,283	7.623.629,522	412,931	86°21'55"
0+8,186	PIV2	8,186	771.572,122	7.623.622,593	412,901	35°39'36"
0+12,809	PIV3	12,809	771.576,383	7.623.620,928	412,897	7°01'29"
1		20,000	771.583,148	7.623.622,772	413,009	322°28'57"
1+1,028	V4	21,028	771.583,927	7.623.623,441	412,997	316°06'56"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
0	PC1	0,000	771.586,685	7.623.631,315	413,024	262°30'12"
0+8,257	PIV2	8,257	771.582,328	7.623.638,007	413,067	211°21'30"
0+12,801	PIV3	12,801	771.578,033	7.623.639,344	413,033	183°12'44"
1		20,000	771.571,400	7.623.637,049	413,091	138°37'14"
1+1,005	V4	21,005	771.570,683	7.623.636,345	413,080	132°23'40"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
0	PC1	0,000	771.630,160	7.623.805,906	414,773	84°08'58"
0+8,213	PIV2	8,213	771.634,287	7.623.799,115	414,670	33°16'38"
0+12,676	PIV3	12,676	771.638,454	7.623.797,643	414,727	5°37'58"
1		20,000	771.645,275	7.623.799,735	414,740	320°16'00"
1+0,904	V4	20,904	771.645,940	7.623.800,346	414,746	314°40'07"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
0	PC1	0,000	771.648,562	7.623.807,808	414,828	264°02'46"
0+8,094	PIV2	8,094	771.644,523	7.623.814,525	414,907	213°54'39"
0+12,796	PIV3	12,796	771.640,134	7.623.816,066	414,910	184°47'10"
1		20,000	771.633,436	7.623.813,951	414,899	140°09'48"
1+0,897	V4	20,897	771.632,777	7.623.813,345	414,888	134°36'36"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
0		0,000	771.699,880	7.624.003,490	416,926	84°04'06"
0+8,178	PIV2	8,178	771.703,987	7.623.996,725	416,811	33°24'45"
0+12,435	PIV3	12,435	771.707,946	7.623.995,266	416,742	7°02'39"
1		20,000	771.715,003	7.623.997,341	416,737	320°11'08"
1+0,645	V4	20,645	771.715,484	7.623.997,771	416,748	316°11'25"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
0	PC1	0,000	771.718,253	7.624.005,640	416,807	262°35'07"
0+8,228	PIV2	8,228	771.713,930	7.624.012,323	416,881	211°37'11"
0+12,468	PIV3	12,468	771.709,944	7.624.013,656	417,017	185°21'24"
1		20,000	771.702,976	7.624.011,395	416,985	138°42'09"
1+0,611	V4	20,611	771.702,531	7.624.010,978	416,981	134°55'15"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
0	PC1	0,000	771.760,349	7.624.175,488	418,138	83°18'37"
0+8,205	PIV2	8,205	771.764,567	7.624.168,763	418,135	32°29'15"
0+12,380	PIV3	12,380	771.768,468	7.624.167,377	418,131	6°37'37"
1		20,000	771.775,552	7.624.169,539	418,127	319°25'39"
1+0,595	V4	20,595	771.775,991	7.624.169,941	418,127	315°44'26"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
0		0,000	771.778,716	7.624.177,696	418,157	262°58'55"
0+8,213	PIV2	8,213	771.774,452	7.624.184,401	418,229	212°06'34"
0+12,381	PIV3	12,381	771.770,549	7.624.185,760	418,260	186°17'32"
1		20,000	771.763,479	7.624.183,557	418,182	139°05'57"
1+0,591	V4	20,591	771.763,045	7.624.183,156	418,180	135°26'08"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PC1	0,000	771.584,974	7.623.616,969	289°09'17"
0+4,129	PC3	4,129	771.587,700	7.623.619,913	336°28'00"
0+11,664	PI4	11,664	771.595,054	7.623.620,163	19°38'26"
0+12,265	PI-5	12,265	771.595,621	7.623.619,961	19°38'26"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PI-0	0,000	771.566,750	7.623.610,065	289°20'54"
0+7,183	PC2	7,183	771.569,130	7.623.616,843	289°20'55"
0+8,917	PC4	8,917	771.570,553	7.623.617,389	28°41'26"
0+13,133	PC6	13,133	771.574,492	7.623.615,927	12°01'50"
0+14,833	PI7	14,833	771.575,226	7.623.614,616	109°24'38"
1		20,000	771.573,509	7.623.609,743	109°24'38"
1+4,194	PI-8	24,194	771.572,115	7.623.605,787	109°24'38"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PC1	0,000	771.563,035	7.623.624,669	289°27'58"
0+3,451	PC3	3,451	771.563,607	7.623.628,055	269°41'33"
0+10,157	PI-4	10,157	771.559,719	7.623.632,903	192°50'44"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PC1	0,000	771.559,759	7.623.639,894	19°38'13"
0+6,584	PC3	6,584	771.566,224	7.623.639,806	341°54'42"
0+11,163	PI-4	11,163	771.569,387	7.623.642,895	289°26'33"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PI-0	0,000	771.587,452	7.623.649,434	109°15'23"
0+6,152	PC2	6,152	771.585,423	7.623.643,625	109°15'23"
0+7,853	PC4	7,853	771.584,030	7.623.643,062	206°42'08"
0+12,012	PC6	12,012	771.580,100	7.623.644,376	190°16'17"
0+13,744	PI7	13,744	771.579,336	7.623.645,694	289°32'26"
0+19,475	PI-8	19,475	771.581,253	7.623.651,096	289°32'26"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PI-0	0,000	771.598,067	7.623.626,873	199°29'26"
0+3,617	PC2	3,617	771.594,658	7.623.628,080	199°29'26"
0+9,225	PC4	9,225	771.591,356	7.623.632,249	263°45'22"
0+13,701	PI-5	13,701	771.591,864	7.623.636,659	289°24'04"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PC1	0,000	771.647,044	7.623.793,495	289°20'26"
0+4,602	PC3	4,602	771.650,224	7.623.796,596	342°04'47"
0+14,367	PI-4	14,367	771.659,816	7.623.796,474	19°22'37"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PI-0	0,000	771.628,968	7.623.786,864	289°15'10"
0+6,954	PC2	6,954	771.631,261	7.623.793,429	289°15'11"
0+8,669	PC4	8,669	771.632,667	7.623.793,987	27°29'52"
0+12,733	PC6	12,733	771.636,486	7.623.792,636	11°26'16"
0+14,442	PI7	14,442	771.637,231	7.623.791,325	109°21'29"
1		20,000	771.635,389	7.623.786,081	109°21'29"
1+3,030	PI-8	23,030	771.634,385	7.623.783,222	109°21'29"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PC1	0,000	771.623,587	7.623.796,738	289°48'32"
0+6,335	PC3	6,335	771.625,091	7.623.802,880	277°42'35"
0+10,083	PC5	10,083	771.624,220	7.623.806,435	234°46'02"
0+17,444	PI-6	17,444	771.618,447	7.623.810,816	199°37'07"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PC1	0,000	771.622,064	7.623.818,655	17°54'47"
0+6,126	PC3	6,126	771.628,112	7.623.817,996	354°30'51"
0+11,807	PI-4	11,807	771.632,350	7.623.821,311	289°25'05"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PI-0	0,000	771.650,183	7.623.827,984	109°38'22"
0+8,184	PC2	8,184	771.647,432	7.623.820,276	109°38'22"
0+9,890	PC4	9,890	771.646,031	7.623.819,724	207°22'51"
0+13,889	PC6	13,889	771.642,272	7.623.821,053	191°34'36"
0+15,595	PI7	15,595	771.641,529	7.623.822,364	289°19'24"
1		20,000	771.642,987	7.623.826,521	289°19'24"
1+5,580	PI-8	25,580	771.644,833	7.623.831,787	289°19'24"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PC1	0,000	771.659,740	7.623.804,523	199°34'50"
0+5,432	PC3	5,432	771.655,200	7.623.807,421	225°31'03"
0+10,218	PC5	10,218	771.653,849	7.623.811,823	280°21'33"
0+14,905	PI-6	14,905	771.655,048	7.623.816,349	289°18'37"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PC1	0,000	771.716,465	7.623.991,105	288°54'19"
0+4,584	PC3	4,584	771.719,603	7.623.994,224	341°25'54"
0+11,228	PI-4	11,228	771.726,125	7.623.994,171	19°29'52"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PI-0	0,000	771.699,446	7.623.986,750	289°22'31"
0+4,550	PC2	4,550	771.700,956	7.623.991,042	289°22'32"
0+6,264	PC4	6,264	771.702,362	7.623.991,596	27°36'05"
0+10,199	PC6	10,199	771.706,053	7.623.990,266	12°03'09"
0+11,898	PI7	11,898	771.706,788	7.623.988,956	109°22'34"
0+16,738	PI-8	16,738	771.705,182	7.623.984,390	109°22'34"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PC1	0,000	771.693,977	7.623.996,473	289°20'59"
0+3,356	PC3	3,356	771.694,819	7.623.999,717	279°44'11"
0+7,915	PC5	7,915	771.693,577	7.624.003,942	227°29'09"
0+12,769	PI-6	12,769	771.689,573	7.624.006,600	199°40'31"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PC1	0,000	771.691,005	7.624.013,965	19°30'59"
0+7,717	PC3	7,717	771.698,524	7.624.014,305	335°17'57"
0+10,612	PC5	10,612	771.700,669	7.624.016,188	302°07'45"
0+12,828	PI6	12,828	771.701,631	7.624.018,180	289°25'52"
0+13,784	PI-7	13,784	771.701,949	7.624.019,081	289°25'52"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PI-0	0,000	771.719,074	7.624.023,529	109°21'06"
0+5,960	PC2	5,960	771.717,099	7.624.017,906	109°21'06"
0+7,667	PC4	7,667	771.715,699	7.624.017,347	207°09'28"
0+11,634	PC6	11,634	771.711,967	7.624.018,656	191°28'53"
0+13,343	PI7	13,343	771.711,223	7.624.019,968	289°22'49"
0+19,211	PI-8	19,211	771.713,170	7.624.025,503	289°22'49"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PC1	0,000	771.726,247	7.624.002,232	199°30'38"
0+5,346	PC3	5,346	771.722,982	7.624.006,143	260°46'08"
0+10,338	PI-4	10,338	771.723,419	7.624.011,064	289°22'25"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PC1	0,000	771.776,823	7.624.162,647	289°22'46"
0+4,862	PC3	4,862	771.780,253	7.624.165,820	345°05'29"
0+16,691	PI-4	16,691	771.791,903	7.624.165,405	18°58'48"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PI-0	0,000	771.760,386	7.624.159,859	289°19'06"
0+3,437	PC2	3,437	771.761,523	7.624.163,102	289°19'06"
0+5,144	PC4	5,144	771.762,923	7.624.163,661	27°08'02"
0+9,032	PC6	9,032	771.766,578	7.624.162,370	11°46'00"
0+10,734	PI7	10,734	771.767,318	7.624.161,061	109°16'04"
0+15,468	PI-8	15,468	771.765,756	7.624.156,593	109°16'04"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PC1	0,000	771.754,443	7.624.168,304	289°22'04"
0+4,863	PC3	4,863	771.755,485	7.624.173,042	275°26'07"
0+7,986	PC5	7,986	771.754,822	7.624.176,042	239°39'11"
0+14,753	PI-6	14,753	771.749,757	7.624.180,333	200°52'54"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PC1	0,000	771.748,306	7.624.188,483	19°39'27"
0+10,384	PC3	10,384	771.758,538	7.624.187,627	349°54'35"
0+15,659	PI4	15,659	771.762,377	7.624.190,884	289°27'23"
1		20,000	771.763,822	7.624.194,977	289°27'23"
1+0,659	PI-5	20,659	771.764,042	7.624.195,599	289°27'23"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PI-0	0,000	771.779,087	7.624.194,414	109°14'22"
0+4,647	PC2	4,647	771.777,556	7.624.190,027	109°14'22"
0+6,357	PC4	6,357	771.776,155	7.624.189,466	207°09'43"
0+10,309	PC6	10,309	771.772,437	7.624.190,772	191°32'30"
0+12,018	PI7	12,018	771.771,694	7.624.192,084	289°25'10"
0+18,226	PI-8	18,226	771.773,758	7.624.197,940	289°25'10"

Estaca	Descrição	Progressiva	X	Y	Azimute
0	PC1	0,000	771.789,304	7.624.173,880	199°00'44"
0+5,682	PC3	5,682	771.784,728	7.624.177,118	231°33'51"
0+9,733	PC5	9,733	771.783,693	7.624.180,921	277°59'29"
0+13,682	PI-6	13,682	771.784,623	7.624.184,752	289°18'11"

Estaca	Descrição	Progressiva	X	Y	Z	Azimute
0	PI-0	0,000	772.567,787	7.625.162,044	424,751	19°06'48"
1		20,000	772.586,685	7.625.155,495	424,874	19°06'48"
2		40,000	772.605,582	7.625.148,947	424,983	19°06'48"
3		60,000	772.624,479	7.625.142,398	424,874	19°06'48"
4		80,000	772.643,377	7.625.135,849	424,347	19°06'48"
4+2,000	PI-1	82,000	772.645,267	7.625.135,194	424,324	19°06'48"

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
6+13,801	-5,020	411,929	0,300	-5,020	411,629	-4,500	411,915	-3,00	412,020	412,050	-0,030	4,500	411,915	-3,00	5,020	411,629	5,020	411,975	0,346
7	-5,021	412,102	0,454	-5,020	411,648	-4,500	411,933	-3,00	412,070	412,068	0,002	4,382	411,937	-3,00	4,902	411,651	4,902	411,937	0,286
8	-5,020	412,123	0,415	-5,020	411,708	-4,500	411,993	-3,00	412,094	412,128	-0,034	4,000	412,008	-3,00	4,520	411,723	4,521	412,184	0,461
8+18,000	-5,020	412,143	0,381	-5,020	411,762	-4,500	412,047	-3,00	412,121	412,182	-0,061	4,000	412,062	-3,00	4,520	411,777	4,520	412,223	0,446
9	-5,020	412,145	0,389	-5,020	411,756	-4,500	412,041	-3,00	412,102	412,176	-0,074	4,000	412,056	-3,00	4,520	411,771	4,520	412,204	0,433
10	-5,021	412,213	0,517	-5,020	411,696	-4,500	411,981	-3,00	412,160	412,116	0,044	4,000	411,996	-3,00	4,520	411,711	4,521	412,166	0,455
10+6,723	-5,021	412,236	0,560	-5,020	411,676	-4,500	411,961	-3,00	412,179	412,096	0,083	4,000	411,976	-3,00	4,520	411,691	4,521	412,166	0,475
11	-5,021	412,193	0,464	-5,020	411,729	-4,500	412,014	-3,00	412,117	412,149	-0,032	4,000	412,029	-3,00	4,520	411,744	4,520	412,059	0,315
11+1,064	-5,015	412,207	0,474	-5,014	411,733	-4,494	412,019	-3,00	412,122	412,154	-0,032	4,000	412,034	-3,00	4,520	411,748	4,520	412,060	0,312
11+18,430	-4,921	412,347	0,542	-4,920	411,805	-4,400	412,091	-3,00	412,193	412,223	-0,030	4,000	412,103	-3,00	4,520	411,817	4,520	412,264	0,447
15+2,679	-4,820	412,409	0,385	-4,820	412,024	-4,300	412,310	-3,00	412,409	412,439	-0,030	4,300	412,310	-3,00	4,820	412,024	4,820	412,412	0,388
15+9,853	-4,811	412,373	0,320	-4,811	412,053	-4,291	412,339	-3,00	412,367	412,467	-0,100	4,291	412,339	-3,00	4,811	412,053	4,811	412,316	0,263
16	-4,798	412,594	0,500	-4,798	412,094	-4,278	412,380	-3,00	412,431	412,508	-0,077	4,278	412,380	-3,00	4,798	412,094	4,798	412,321	0,227
17	-4,772	412,709	0,534	-4,772	412,175	-4,252	412,460	-3,00	412,529	412,588	-0,059	4,252	412,460	-3,00	4,772	412,175	4,772	412,597	0,422
18	-4,746	412,845	0,526	-4,746	412,319	-4,226	412,605	-3,00	412,694	412,732	-0,038	4,226	412,605	-3,00	4,746	412,319	4,746	412,777	0,458
19	-4,721	412,988	0,524	-4,720	412,464	-4,200	412,749	-3,00	412,895	412,875	0,020	4,200	412,749	-3,00	4,720	412,464	4,720	412,898	0,434
19+10,246	-5,770	412,918	0,412	-5,770	412,506	-5,250	412,792	-3,00	412,992	412,949	0,043	4,200	412,823	-3,00	4,720	412,537	4,720	412,960	0,423
19+14,925	-5,770	412,984	0,444	-5,770	412,540	-5,250	412,825	-3,00	412,997	412,983	0,014	4,200	412,857	-3,00	4,720	412,571	4,720	412,973	0,402
20	-5,770	413,014	0,438	-5,770	412,576	-5,250	412,862	-3,00	412,975	413,019	-0,044	4,200	412,893	-3,00	4,720	412,608	4,720	412,893	0,285
20+3,580	-5,770	413,023	0,421	-5,770	412,602	-5,250	412,887	-3,00	413,024	413,045	-0,021	4,200	412,919	-3,00	4,720	412,633	4,721	413,096	0,463
20+8,259	-5,770	413,056	0,421	-5,770	412,635	-5,250	412,921	-3,00	413,099	413,078	0,021	4,200	412,952	-3,00	4,720	412,667	4,720	413,082	0,415
20+11,842	-5,771	413,123	0,462	-5,770	412,661	-5,250	412,947	-3,00	413,134	413,104	0,030	4,200	412,978	-3,00	4,720	412,693	4,720	413,114	0,421
21	-4,721	413,306	0,555	-4,720	412,751	-4,200	413,037	-3,00	413,212	413,163	0,049	4,200	413,037	-3,00	4,720	412,751	4,720	413,187	0,436
22	-4,721	413,485	0,545	-4,720	412,940	-4,200	413,225	-3,00	413,395	413,351	0,044	4,200	413,225	-3,00	4,720	412,940	4,720	413,367	0,427
23	-4,721	413,621	0,493	-4,720	413,128	-4,200	413,414	-3,00	413,561	413,540	0,021	4,200	413,414	-3,00	4,720	413,128	4,720	413,559	0,431
24	-4,720	413,758	0,442	-4,720	413,316	-4,200	413,602	-3,00	413,721	413,728	-0,007	4,200	413,602	-3,00	4,720	413,316	4,720	413,746	0,430
24+13,659	-4,720	413,802	0,357	-4,720	413,445	-4,200	413,731	-3,00	413,758	413,857	-0,099	4,200	413,731	-3,00	4,720	413,445	4,720	413,722	0,277
25	-4,720	413,850	0,345	-4,720	413,505	-4,200	413,790	-3,00	413,908	413,916	-0,008	4,200	413,790	-3,00	4,720	413,505	4,720	413,885	0,380
26	-4,721	414,203	0,472	-4,720	413,731	-4,200	414,016	-3,00	414,197	414,142	0,055	4,200	414,016	-3,00	4,720	413,731	4,721	414,183	0,452
27	-4,721	414,446	0,490	-4,720	413,956	-4,200	414,242	-3,00	414,417	414,368	0,049	4,200	414,242	-3,00	4,720	413,956	4,721	414,413	0,457
28	-4,721	414,630	0,497	-4,720	414,133	-4,200	414,419	-3,00	414,548	414,545	0,003	4,200	414,419	-3,00	4,720	414,133	4,721	414,612	0,479

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
28+18,590	-5,771	414,753	0,487	-5,770	414,266	-5,250	414,551	-3,00	414,706	414,709	-0,003	4,200	414,583	-3,00	4,720	414,297	4,721	414,838	0,541
29	-5,771	414,774	0,496	-5,770	414,278	-5,250	414,564	-3,00	414,723	414,721	0,002	4,200	414,595	-3,00	4,720	414,310	4,721	414,841	0,531
29+3,008	-5,771	414,789	0,484	-5,770	414,305	-5,250	414,590	-3,00	414,746	414,748	-0,002	4,200	414,622	-3,00	4,720	414,336	4,721	414,845	0,509
29+11,181	-5,770	414,824	0,447	-5,770	414,377	-5,250	414,663	-3,00	414,828	414,820	0,008	4,200	414,694	-3,00	4,720	414,408	4,720	414,799	0,391
29+15,598	-5,771	414,911	0,495	-5,770	414,416	-5,250	414,702	-3,00	414,835	414,859	-0,024	4,200	414,733	-3,00	4,720	414,447	4,720	414,891	0,444
30	-4,720	414,889	0,403	-4,720	414,486	-4,200	414,772	-3,00	414,848	414,898	-0,050	4,200	414,772	-3,00	4,720	414,486	4,720	414,904	0,418
31	-4,721	415,260	0,545	-4,720	414,715	-4,200	415,000	-3,00	415,135	415,126	0,009	4,200	415,000	-3,00	4,720	414,715	4,721	415,193	0,478
32	-4,720	415,322	0,379	-4,720	414,943	-4,200	415,229	-3,00	415,366	415,355	0,011	4,200	415,229	-3,00	4,720	414,943	4,721	415,405	0,462
33	-4,721	415,659	0,488	-4,720	415,171	-4,200	415,457	-3,00	415,524	415,583	-0,059	4,200	415,457	-3,00	4,720	415,171	4,720	415,615	0,444
34	-4,720	415,830	0,430	-4,720	415,400	-4,200	415,685	-3,00	415,689	415,811	-0,122	4,200	415,685	-3,00	4,720	415,400	4,720	415,828	0,428
34+0,429	-4,720	415,834	0,432	-4,720	415,402	-4,200	415,688	-3,00	415,695	415,814	-0,119	4,215	415,687	-3,00	4,735	415,402	4,735	415,834	0,432
34+12,146	-4,720	415,786	0,323	-4,720	415,463	-4,200	415,748	-3,00	415,802	415,874	-0,072	4,625	415,735	-3,00	5,145	415,450	5,145	415,760	0,310
35	-4,720	415,818	0,315	-4,720	415,503	-4,200	415,789	-3,00	415,835	415,915	-0,080	4,900	415,768	-3,00	5,420	415,482	5,420	415,865	0,383
35+3,000	-4,721	415,980	0,461	-4,720	415,519	-4,200	415,804	-3,00	415,871	415,930	-0,059	4,874	415,784	-3,00	5,394	415,498	5,394	415,881	0,383
35+13,000	-4,721	416,122	0,527	-4,720	415,595	-4,200	415,881	-3,00	415,995	416,007	-0,012	4,786	415,863	-3,00	5,306	415,578	5,307	416,012	0,434
36	-4,721	416,207	0,528	-4,720	415,679	-4,200	415,964	-3,00	416,081	416,090	-0,009	4,725	415,949	-3,00	5,245	415,663	5,246	416,116	0,453
36+3,000	-4,721	416,242	0,520	-4,720	415,722	-4,200	416,008	-3,00	416,118	416,134	-0,016	4,699	415,993	-3,00	5,219	415,707	5,219	416,160	0,453
37	-4,721	416,439	0,459	-4,720	415,980	-4,200	416,265	-3,00	416,328	416,391	-0,063	4,550	416,255	-3,00	5,070	415,969	5,070	416,411	0,442
38	-4,720	416,603	0,438	-4,720	416,165	-4,200	416,451	-3,00	416,516	416,577	-0,061	4,375	416,446	-3,00	4,895	416,160	4,896	416,635	0,475
39	-4,720	416,718	0,367	-4,720	416,351	-4,200	416,636	-3,00	416,608	416,762	-0,154	4,200	416,636	-3,00	4,720	416,351	4,720	416,765	0,414
39+8,221	-5,770	416,763	0,367	-5,770	416,396	-5,250	416,681	-3,00	416,673	416,839	-0,166	4,200	416,713	-3,00	4,720	416,427	4,720	416,851	0,424
39+12,898	-5,770	416,797	0,358	-5,770	416,439	-5,250	416,725	-3,00	416,748	416,882	-0,134	4,200	416,756	-3,00	4,720	416,470	4,721	416,937	0,467
40	-5,770	416,798	0,293	-5,770	416,505	-5,250	416,790	-3,00	416,803	416,948	-0,145	4,200	416,822	-3,00	4,720	416,536	4,720	416,795	0,259
40+1,553	-5,770	416,800	0,281	-5,770	416,519	-5,250	416,805	-3,00	416,807	416,962	-0,155	4,200	416,836	-3,00	4,720	416,551	4,721	417,066	0,515
40+6,231	-5,770	416,907	0,344	-5,770	416,563	-5,250	416,848	-3,00	416,850	417,006	-0,156	4,200	416,880	-3,00	4,720	416,594	4,720	417,040	0,446
41	-4,720	417,169	0,447	-4,720	416,722	-4,200	417,007	-3,00	417,000	417,133	-0,133	4,200	417,007	-3,00	4,720	416,722	4,720	417,164	0,442
42	-4,721	417,382	0,475	-4,720	416,907	-4,200	417,193	-3,00	417,286	417,319	-0,033	4,200	417,193	-3,00	4,720	416,907	4,720	417,344	0,437
43	-4,721	417,557	0,570	-4,720	416,987	-4,200	417,273	-3,00	417,492	417,399	0,093	4,200	417,273	-3,00	4,720	416,987	4,721	417,540	0,553
44	-4,721	417,631	0,564	-4,720	417,067	-4,200	417,353	-3,00	417,695	417,479	0,216	4,200	417,353	-3,00	4,720	417,067	4,721	417,732	0,665
44+0,257	-4,721	417,662	0,594	-4,720	417,068	-4,200	417,354	-3,00	417,698	417,480	0,218	4,200	417,354	-3,00	4,720	417,068	4,721	417,732	0,664
44+8,531	-4,721	417,682	0,581	-4,720	417,101	-4,200	417,387	-3,00	417,642	417,513	0,129	4,200	417,387	-3,00	4,720	417,101	4,720	417,491	0,390

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
45	-4,721	417,675	0,528	-4,720	417,147	-4,200	417,433	-3,00	417,578	417,559	0,019	4,200	417,433	-3,00	4,720	417,147	4,720	417,589	0,442
46	-4,721	417,848	0,539	-4,720	417,309	-4,200	417,594	-3,00	417,821	417,720	0,101	4,200	417,594	-3,00	4,720	417,309	4,720	417,734	0,425
47	-4,721	418,012	0,542	-4,720	417,470	-4,200	417,755	-3,00	418,031	417,881	0,150	4,200	417,755	-3,00	4,720	417,470	4,720	417,902	0,432
48	-4,721	418,180	0,549	-4,720	417,631	-4,200	417,917	-3,00	418,149	418,043	0,106	4,200	417,917	-3,00	4,720	417,631	4,721	418,108	0,477
48+11,429	-5,771	418,154	0,462	-5,770	417,692	-5,250	417,977	-3,00	418,215	418,135	0,080	4,200	418,009	-3,00	4,720	417,723	4,721	418,225	0,502
48+16,033	-5,770	418,159	0,430	-5,770	417,729	-5,250	418,014	-3,00	418,127	418,172	-0,045	4,200	418,046	-3,00	4,720	417,760	4,721	418,226	0,466
49	-5,770	418,167	0,406	-5,770	417,761	-5,250	418,046	-3,00	418,140	418,204	-0,064	4,200	418,078	-3,00	4,720	417,792	4,720	418,100	0,308
49+4,550	-5,770	418,178	0,381	-5,770	417,797	-5,250	418,083	-3,00	418,157	418,241	-0,084	4,200	418,115	-3,00	4,720	417,829	4,720	418,244	0,415
49+9,154	-5,770	418,226	0,391	-5,770	417,835	-5,250	418,120	-3,00	418,312	418,278	0,034	4,200	418,152	-3,00	4,720	417,866	4,720	418,275	0,409
50	-4,720	418,367	0,413	-4,720	417,954	-4,200	418,239	-3,00	418,339	418,365	-0,026	4,200	418,239	-3,00	4,720	417,954	4,720	418,337	0,383
50+0,612	-4,720	418,370	0,412	-4,720	417,958	-4,200	418,244	-3,00	418,340	418,370	-0,030	4,200	418,244	-3,00	4,720	417,958	4,720	418,335	0,377
60+15,340	-4,720	417,763	0,313	-4,720	417,450	-4,200	417,736	-3,00	417,832	417,862	-0,030	4,200	417,736	-3,00	4,720	417,450	4,720	417,877	0,427
61	-4,720	417,758	0,341	-4,720	417,417	-4,200	417,703	-3,00	417,846	417,829	0,017	4,200	417,703	-3,00	4,720	417,417	4,720	417,860	0,443
62	-4,721	417,924	0,648	-4,720	417,276	-4,200	417,561	-3,00	417,766	417,687	0,079	4,200	417,561	-3,00	4,720	417,276	4,720	417,711	0,435
63	-4,721	417,892	0,758	-4,720	417,134	-4,200	417,420	-3,00	417,611	417,546	0,065	4,200	417,420	-3,00	4,720	417,134	4,720	417,560	0,426
63+10,000	-4,721	417,815	0,752	-4,720	417,063	-4,200	417,349	-3,00	417,578	417,475	0,103	4,200	417,349	-3,00	4,720	417,063	4,720	417,462	0,399
64	-4,721	417,815	0,795	-4,720	417,020	-4,200	417,306	-3,00	417,543	417,432	0,111	4,200	417,306	-3,00	4,720	417,020	4,720	417,417	0,397
64+10,000	-4,721	417,793	0,761	-4,720	417,032	-4,200	417,318	-3,00	417,506	417,444	0,062	4,200	417,318	-3,00	4,720	417,032	4,720	417,348	0,316
65	-4,721	417,732	0,660	-4,720	417,072	-4,200	417,358	-3,00	417,470	417,484	-0,014	4,200	417,358	-3,00	4,720	417,072	4,720	417,332	0,260
65+10,264	-4,721	417,710	0,597	-4,720	417,113	-4,200	417,399	-3,00	417,495	417,525	-0,030	4,200	417,399	-3,00	4,720	417,113	4,720	417,367	0,254
73+3,033	-4,720	419,103	0,271	-4,720	418,832	-4,200	419,089	2,36	418,960	418,990	-0,030	4,200	418,774	-5,15	4,720	418,477	4,720	418,797	0,320
74	-4,720	419,361	0,448	-4,720	418,913	-4,200	419,167	3,00	419,043	419,041	0,002	4,200	418,915	-3,00	4,720	418,630	4,720	418,953	0,323
75	-4,721	419,505	0,532	-4,720	418,973	-4,200	419,227	3,00	419,178	419,101	0,077	4,200	418,975	-3,00	4,720	418,690	4,720	419,107	0,417
76	-4,721	419,643	0,516	-4,720	419,127	-4,200	419,381	3,00	419,363	419,255	0,108	4,200	419,129	-3,00	4,720	418,843	4,720	419,266	0,423
76+12,902	-4,720	419,628	0,335	-4,720	419,293	-4,200	419,548	3,00	419,524	419,422	0,102	4,200	419,296	-3,00	4,720	419,010	4,720	419,332	0,322
77	-4,720	419,717	0,332	-4,720	419,385	-4,200	419,639	3,00	419,631	419,513	0,118	4,200	419,387	-3,00	4,720	419,102	4,720	419,549	0,447
78	-4,720	419,955	0,311	-4,720	419,644	-4,200	419,898	3,00	419,802	419,772	0,030	4,200	419,646	-3,00	4,720	419,360	4,720	419,740	0,380
79	-4,721	420,360	0,458	-4,720	419,902	-4,200	420,156	3,00	420,080	420,030	0,050	4,200	419,904	-3,00	4,720	419,619	4,720	420,013	0,394
79+19,883	-4,720	420,384	0,225	-4,720	420,159	-4,200	420,413	3,00	420,292	420,287	0,005	4,200	420,161	-3,00	4,720	419,876	4,720	420,183	0,307
80	-4,720	420,386	0,226	-4,720	420,160	-4,200	420,415	3,00	420,294	420,289	0,005	4,200	420,163	-3,00	4,720	419,877	4,720	420,184	0,307
81	-4,721	420,908	0,489	-4,720	420,419	-4,200	420,673	3,00	420,674	420,547	0,127	4,200	420,421	-3,00	4,720	420,136	4,720	420,579	0,443

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
82	-4,721	421,198	0,521	-4,720	420,677	-4,200	420,932	3,00	420,958	420,806	0,152	4,200	420,680	-3,00	4,720	420,394	4,721	420,906	0,512
83	-4,721	421,532	0,596	-4,720	420,936	-4,200	421,190	3,00	421,235	421,064	0,171	4,200	420,938	-3,00	4,720	420,653	4,721	421,186	0,533
83+13,273	-4,720	421,534	0,427	-4,720	421,107	-4,200	421,362	3,00	421,400	421,236	0,164	4,200	421,110	-3,00	4,720	420,824	4,720	421,196	0,372
84	-4,720	421,614	0,420	-4,720	421,194	-4,200	421,449	3,00	421,487	421,323	0,164	4,200	421,197	-3,00	4,720	420,911	4,720	421,302	0,391
85	-4,721	421,973	0,520	-4,720	421,453	-4,200	421,707	3,00	421,715	421,581	0,134	4,200	421,455	-3,00	4,720	421,170	4,720	421,570	0,400
86	-4,720	422,148	0,437	-4,720	421,711	-4,200	421,966	3,00	421,912	421,840	0,072	4,200	421,714	-3,00	4,720	421,428	4,721	421,905	0,477
87	-4,720	422,271	0,301	-4,720	421,970	-4,200	422,224	3,00	422,131	422,098	0,033	4,200	421,972	-3,00	4,720	421,686	4,720	422,087	0,401
87+7,485	-4,720	422,143	0,097	-4,720	422,046	-4,200	422,300	3,00	422,161	422,174	-0,013	4,200	422,048	-3,00	4,720	421,762	4,720	422,111	0,349
88	-4,720	422,581	0,408	-4,720	422,173	-4,200	422,427	3,00	422,436	422,301	0,135	4,200	422,175	-3,00	4,720	421,890	4,720	422,300	0,410
89	-4,720	422,705	0,329	-4,720	422,376	-4,200	422,630	3,00	422,592	422,504	0,088	4,200	422,378	-3,00	4,720	422,093	4,720	422,526	0,433
90	-4,720	422,910	0,331	-4,720	422,579	-4,200	422,833	3,00	422,748	422,707	0,041	4,200	422,581	-3,00	4,720	422,296	4,720	422,733	0,437
91	-4,720	422,988	0,206	-4,720	422,782	-4,200	423,037	3,00	422,932	422,911	0,021	4,200	422,785	-3,00	4,720	422,499	4,720	422,774	0,275
91+1,923	-4,720	423,008	0,206	-4,720	422,802	-4,200	423,056	3,00	422,957	422,930	0,027	4,200	422,804	-3,00	4,720	422,518	4,720	422,787	0,269
92	-4,720	423,401	0,416	-4,720	422,985	-4,200	423,240	3,00	423,172	423,114	0,058	4,200	422,988	-3,00	4,720	422,702	4,720	423,091	0,389
93	-4,721	423,638	0,490	-4,720	423,148	-4,200	423,402	3,00	423,390	423,276	0,114	4,200	423,150	-3,00	4,720	422,865	4,720	423,219	0,354
94	-4,720	423,743	0,432	-4,720	423,311	-4,200	423,565	3,00	423,545	423,439	0,106	4,200	423,313	-3,00	4,720	423,028	4,720	423,457	0,429
95	-4,720	423,767	0,293	-4,720	423,474	-4,200	423,728	3,00	423,647	423,602	0,045	4,200	423,476	-3,00	4,720	423,190	4,720	423,601	0,411
96	-4,720	423,991	0,355	-4,720	423,636	-4,200	423,891	3,00	423,843	423,765	0,078	4,200	423,639	-3,00	4,720	423,353	4,720	423,742	0,389
97	-4,721	424,354	0,555	-4,720	423,799	-4,200	424,054	3,00	424,059	423,928	0,131	4,200	423,802	-3,00	4,720	423,516	4,720	423,950	0,434
98	-4,720	424,336	0,374	-4,720	423,962	-4,200	424,216	3,00	424,241	424,090	0,151	4,200	423,964	-3,00	4,720	423,679	4,720	424,045	0,366
98+6,604	-4,720	424,398	0,382	-4,720	424,016	-4,200	424,270	3,00	424,283	424,144	0,139	4,200	424,018	-3,00	4,720	423,733	4,720	424,095	0,362
99	-4,721	424,685	0,560	-4,720	424,125	-4,200	424,379	3,00	424,356	424,253	0,103	4,200	424,127	-3,00	4,720	423,842	4,721	424,305	0,463
100	-4,721	424,797	0,509	-4,720	424,288	-4,200	424,542	3,00	424,508	424,416	0,092	4,200	424,290	-3,00	4,720	424,004	4,721	424,469	0,465
101	-4,721	424,828	0,460	-4,720	424,368	-4,200	424,622	3,00	424,559	424,496	0,063	4,200	424,370	-3,00	4,720	424,084	4,720	424,438	0,354
102	-4,721	425,008	0,560	-4,720	424,448	-4,200	424,702	3,00	424,721	424,576	0,145	4,200	424,450	-3,00	4,720	424,164	4,720	424,604	0,440
103	-4,721	425,192	0,581	-4,720	424,611	-4,200	424,866	3,00	424,898	424,740	0,158	4,200	424,614	-3,00	4,720	424,328	4,720	424,764	0,436
103+3,795	-4,721	425,118	0,476	-4,720	424,642	-4,200	424,897	3,00	424,931	424,771	0,160	4,200	424,645	-3,00	4,720	424,359	4,720	424,789	0,430
103+10,913	-4,721	425,153	0,452	-4,720	424,701	-4,200	424,955	3,00	424,970	424,829	0,141	4,200	424,703	-3,00	4,720	424,418	4,720	424,745	0,327
104	-4,721	425,350	0,575	-4,720	424,775	-4,200	425,030	3,00	425,020	424,904	0,116	4,200	424,778	-3,00	4,720	424,492	4,720	424,912	0,420
104+8,000	-4,721	425,371	0,530	-4,720	424,841	-4,200	425,095	3,00	425,053	424,969	0,084	4,200	424,843	-3,00	4,720	424,557	4,720	424,938	0,381
105	-4,721	425,402	0,504	-4,720	424,898	-4,200	425,152	3,00	425,097	425,026	0,071	4,200	424,900	-3,00	4,720	424,615	4,720	424,964	0,349

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
106	-4,721	425,456	0,463	-4,720	424,993	-4,200	425,248	3,00	425,171	425,122	0,049	4,200	424,996	-3,00	4,720	424,710	4,720	425,008	0,298
107	-4,720	425,519	0,430	-4,720	425,089	-4,200	425,343	3,00	425,265	425,217	0,048	4,200	425,091	-3,00	4,720	424,806	4,720	425,118	0,312
107+2,000	-4,720	425,525	0,427	-4,720	425,098	-4,200	425,353	3,00	425,275	425,227	0,048	4,200	425,101	-3,00	4,720	424,815	4,720	425,115	0,300
107+12,000	-4,720	425,556	0,384	-4,720	425,172	-4,200	425,427	3,00	425,322	425,301	0,021	4,200	425,175	-3,00	4,720	424,889	4,720	425,254	0,365
108	-4,720	425,580	0,311	-4,720	425,269	-4,200	425,523	3,00	425,359	425,397	-0,038	4,200	425,271	-3,00	4,720	424,986	4,720	425,410	0,424
108+2,000	-4,720	425,586	0,315	-4,720	425,271	-4,200	425,528	2,42	425,368	425,427	-0,059	4,200	425,325	-2,42	4,720	425,042	4,720	425,449	0,407
108+11,453	-4,720	425,523	0,238	-4,720	425,285	-4,200	425,557	-0,32	425,526	425,571	-0,045	4,200	425,584	0,32	4,720	425,316	4,720	425,563	0,247
108+14,736	-4,720	425,611	0,227	-4,720	425,384	-4,200	425,656	-0,32	425,624	425,669	-0,045	4,200	425,682	0,32	4,720	425,414	4,720	425,672	0,258

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
14+19,796	-4,720	412,506	0,337	-4,720	412,169	-4,200	412,455	-3,00	412,551	412,581	-0,030	4,200	412,455	-3,00	4,720	412,169	4,720	412,545	0,376
15	-4,720	412,507	0,339	-4,720	412,168	-4,200	412,454	-3,00	412,551	412,580	-0,029	4,200	412,454	-3,00	4,720	412,168	4,720	412,475	0,307
15+9,826	-4,720	412,414	0,275	-4,720	412,139	-4,200	412,425	-3,00	412,557	412,551	0,006	4,200	412,425	-3,00	4,720	412,139	4,720	412,431	0,292
15+13,000	-4,720	412,429	0,300	-4,720	412,129	-4,200	412,415	-3,00	412,557	412,541	0,016	4,200	412,415	-3,00	4,720	412,129	4,720	412,425	0,296
15+17,823	-4,720	412,467	0,345	-4,720	412,122	-4,200	412,408	-3,00	412,558	412,534	0,024	4,200	412,408	-3,00	4,720	412,122	4,720	412,427	0,305
16	-4,720	412,512	0,389	-4,720	412,123	-4,200	412,409	-3,00	412,566	412,535	0,031	4,200	412,409	-3,00	4,720	412,123	4,721	412,587	0,464
16+3,000	-4,720	412,535	0,406	-4,720	412,129	-4,200	412,415	-3,00	412,580	412,541	0,039	4,200	412,415	-3,00	4,720	412,129	4,721	412,609	0,480
16+13,000	-4,720	412,625	0,436	-4,720	412,189	-4,200	412,474	-3,00	412,646	412,600	0,046	4,200	412,474	-3,00	4,720	412,189	4,721	412,684	0,495
17	-4,720	412,691	0,440	-4,720	412,251	-4,200	412,537	-3,00	412,692	412,663	0,029	4,200	412,537	-3,00	4,720	412,251	4,721	412,736	0,485
18	-4,720	412,851	0,421	-4,720	412,430	-4,200	412,716	-3,00	412,805	412,842	-0,037	4,200	412,716	-3,00	4,720	412,430	4,720	412,875	0,445
19	-4,720	412,960	0,430	-4,720	412,530	-4,200	412,816	-3,00	412,863	412,942	-0,079	4,200	412,816	-3,00	4,720	412,530	4,721	413,001	0,471
19+11,359	-4,720	413,015	0,428	-4,720	412,587	-4,200	412,872	-3,00	412,895	412,998	-0,103	5,250	412,841	-3,00	5,770	412,555	5,770	412,897	0,342
19+15,376	-4,720	412,994	0,387	-4,720	412,607	-4,200	412,892	-3,00	412,931	413,018	-0,087	5,250	412,861	-3,00	5,770	412,575	5,771	413,118	0,543
20	-4,720	412,955	0,325	-4,720	412,630	-4,200	412,916	-3,00	413,033	413,042	-0,009	5,250	412,884	-3,00	5,770	412,598	5,770	412,951	0,353
20+2,807	-4,720	413,040	0,385	-4,720	412,655	-4,200	412,941	-3,00	413,080	413,067	0,013	5,250	412,909	-3,00	5,770	412,623	5,771	413,137	0,514
20+6,824	-4,721	413,142	0,451	-4,720	412,691	-4,200	412,976	-3,00	413,137	413,102	0,035	5,250	412,945	-3,00	5,770	412,659	5,770	413,041	0,382
21	-4,721	413,264	0,456	-4,720	412,808	-4,200	413,094	-3,00	413,247	413,220	0,027	4,200	413,094	-3,00	4,720	412,808	4,721	413,259	0,451
22	-4,721	413,628	0,641	-4,720	412,987	-4,200	413,272	-3,00	413,402	413,398	0,004	4,200	413,272	-3,00	4,720	412,987	4,721	413,454	0,467
23	-4,721	413,763	0,557	-4,720	413,206	-4,200	413,492	-3,00	413,622	413,618	0,004	4,200	413,492	-3,00	4,720	413,206	4,720	413,615	0,409
24	-4,720	413,848	0,422	-4,720	413,426	-4,200	413,711	-3,00	413,861	413,837	0,024	4,200	413,711	-3,00	4,720	413,426	4,720	413,781	0,355
24+13,160	-4,720	413,796	0,307	-4,720	413,489	-4,200	413,775	-3,00	413,889	413,901	-0,012	4,200	413,775	-3,00	4,720	413,489	4,720	413,790	0,301
25	-4,720	413,971	0,449	-4,720	413,522	-4,200	413,808	-3,00	413,891	413,934	-0,043	4,200	413,808	-3,00	4,720	413,522	4,720	413,865	0,343
25+2,591	-4,720	413,949	0,414	-4,720	413,535	-4,200	413,820	-3,00	413,916	413,946	-0,030	4,200	413,820	-3,00	4,720	413,535	4,720	413,827	0,292
28+4,245	-4,721	414,711	0,483	-4,720	414,228	-4,200	414,514	-3,00	414,610	414,640	-0,030	4,200	414,514	-3,00	4,720	414,228	4,720	414,606	0,378
28+18,341	-4,721	414,840	0,470	-4,720	414,370	-4,200	414,656	-3,00	414,743	414,782	-0,039	5,250	414,624	-3,00	5,770	414,339	5,770	414,708	0,369
29	-4,721	414,862	0,475	-4,720	414,387	-4,200	414,672	-3,00	414,751	414,798	-0,047	5,250	414,641	-3,00	5,770	414,355	5,770	414,727	0,372
29+2,744	-4,721	414,907	0,493	-4,720	414,414	-4,200	414,700	-3,00	414,773	414,826	-0,053	5,250	414,669	-3,00	5,770	414,383	5,770	414,736	0,353
29+10,891	-4,720	414,880	0,384	-4,720	414,496	-4,200	414,782	-3,00	414,888	414,908	-0,020	5,250	414,750	-3,00	5,770	414,465	5,770	414,846	0,381
29+15,294	-4,721	415,011	0,470	-4,720	414,541	-4,200	414,826	-3,00	414,911	414,952	-0,041	5,250	414,795	-3,00	5,770	414,509	5,770	414,946	0,437
30	-4,720	415,033	0,445	-4,720	414,588	-4,200	414,874	-3,00	414,914	415,000	-0,086	4,200	414,874	-3,00	4,720	414,588	4,720	414,895	0,307
31	-4,721	415,274	0,470	-4,720	414,804	-4,200	415,089	-3,00	415,206	415,215	-0,009	4,200	415,089	-3,00	4,720	414,804	4,720	415,242	0,438

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
32	-4,721	415,471	0,452	-4,720	415,019	-4,200	415,305	-3,00	415,359	415,431	-0,072	4,200	415,305	-3,00	4,720	415,019	4,720	415,325	0,306
33	-4,721	415,720	0,454	-4,720	415,266	-4,200	415,551	-3,00	415,594	415,677	-0,083	4,200	415,551	-3,00	4,720	415,266	4,720	415,658	0,392
34	-4,720	415,954	0,441	-4,720	415,513	-4,200	415,798	-3,00	415,824	415,924	-0,100	4,200	415,798	-3,00	4,720	415,513	4,720	415,935	0,422
34+2,805	-4,720	415,985	0,447	-4,720	415,538	-4,200	415,824	-3,00	415,855	415,950	-0,095	4,200	415,824	-3,00	4,720	415,538	4,720	415,860	0,322
34+12,249	-4,720	415,988	0,363	-4,720	415,625	-4,200	415,911	-3,00	415,965	416,037	-0,072	4,200	415,911	-3,00	4,720	415,625	4,720	415,874	0,249
35	-4,721	416,184	0,488	-4,720	415,696	-4,200	415,982	-3,00	416,043	416,108	-0,065	4,200	415,982	-3,00	4,720	415,696	4,720	415,891	0,195
36	-4,721	416,370	0,490	-4,720	415,880	-4,200	416,166	-3,00	416,212	416,292	-0,080	4,200	416,166	-3,00	4,720	415,880	4,720	416,272	0,392
37	-4,721	416,557	0,493	-4,720	416,064	-4,200	416,350	-3,00	416,476	416,476	0,000	4,200	416,350	-3,00	4,720	416,064	4,720	416,489	0,425
38	-4,721	416,755	0,507	-4,720	416,248	-4,200	416,533	-3,00	416,705	416,659	0,046	4,200	416,533	-3,00	4,720	416,248	4,720	416,667	0,419
39	-4,721	416,948	0,516	-4,720	416,432	-4,200	416,717	-3,00	416,896	416,843	0,053	4,200	416,717	-3,00	4,720	416,432	4,720	416,726	0,294
39+8,375	-4,720	416,939	0,431	-4,720	416,508	-4,200	416,794	-3,00	416,976	416,920	0,056	5,250	416,763	-3,00	5,770	416,477	5,770	416,815	0,338
39+12,813	-4,720	416,962	0,413	-4,720	416,549	-4,200	416,835	-3,00	416,926	416,961	-0,035	5,250	416,803	-3,00	5,770	416,518	5,770	416,903	0,385
40	-4,720	417,062	0,447	-4,720	416,615	-4,200	416,901	-3,00	416,975	417,027	-0,052	5,250	416,869	-3,00	5,770	416,584	5,770	416,930	0,346
40+1,023	-4,720	417,049	0,424	-4,720	416,625	-4,200	416,910	-3,00	416,981	417,036	-0,055	5,250	416,879	-3,00	5,770	416,593	5,770	416,933	0,340
40+5,460	-4,720	417,081	0,416	-4,720	416,665	-4,200	416,951	-3,00	417,012	417,077	-0,065	5,250	416,920	-3,00	5,770	416,634	5,770	417,014	0,380
40+11,443	-4,721	417,228	0,508	-4,720	416,720	-4,200	417,006	-3,00	417,068	417,132	-0,064	4,200	417,006	-3,00	4,720	416,720	4,720	417,043	0,323
40+18,401	-4,721	417,303	0,519	-4,720	416,784	-4,200	417,070	-3,00	417,166	417,196	-0,030	4,200	417,070	-3,00	4,720	416,784	4,721	417,247	0,463
48+0,812	-4,720	418,251	0,413	-4,720	417,838	-4,200	418,124	-3,00	418,220	418,250	-0,030	4,200	418,124	-3,00	4,720	417,838	4,720	418,189	0,351
48+11,150	-4,720	418,284	0,415	-4,720	417,869	-4,200	418,155	-3,00	418,270	418,281	-0,011	5,250	418,124	-3,00	5,770	417,838	5,770	418,158	0,320
48+15,699	-4,720	418,324	0,441	-4,720	417,883	-4,200	418,169	-3,00	418,138	418,295	-0,157	5,250	418,137	-3,00	5,770	417,852	5,770	418,142	0,290
49	-4,720	418,188	0,292	-4,720	417,896	-4,200	418,182	-3,00	418,159	418,308	-0,149	5,250	418,150	-3,00	5,770	417,864	5,770	418,147	0,283
49+4,114	-4,720	418,226	0,318	-4,720	417,908	-4,200	418,194	-3,00	418,180	418,320	-0,140	5,250	418,162	-3,00	5,770	417,877	5,770	418,152	0,275
49+8,663	-4,720	418,253	0,331	-4,720	417,922	-4,200	418,208	-3,00	418,431	418,334	0,097	5,250	418,176	-3,00	5,770	417,890	5,770	418,249	0,359
50	-4,720	418,350	0,394	-4,720	417,956	-4,200	418,242	-3,00	418,395	418,368	0,027	4,200	418,242	-3,00	4,720	417,956	4,720	418,405	0,449
51	-4,721	418,468	0,452	-4,720	418,016	-4,200	418,302	-3,00	418,329	418,428	-0,099	4,200	418,302	-3,00	4,720	418,016	4,720	418,438	0,422
52	-4,721	418,543	0,467	-4,720	418,076	-4,200	418,362	-3,00	418,481	418,488	-0,007	4,200	418,362	-3,00	4,720	418,076	4,720	418,522	0,446
52+19,253	-4,720	418,494	0,360	-4,720	418,134	-4,200	418,419	-3,00	418,471	418,545	-0,074	4,200	418,419	-3,00	4,720	418,134	4,720	418,455	0,321
53	-4,720	418,496	0,360	-4,720	418,136	-4,200	418,422	-3,00	418,474	418,548	-0,074	4,200	418,422	-3,00	4,720	418,136	4,720	418,458	0,322
53+8,193	-4,720	418,398	0,237	-4,720	418,161	-4,200	418,446	-3,00	418,492	418,572	-0,080	4,200	418,446	-3,00	4,720	418,161	4,720	418,479	0,318
53+8,902	-4,720	418,391	0,233	-4,720	418,158	-4,200	418,444	-3,00	418,493	418,570	-0,077	4,200	418,444	-3,00	4,720	418,158	4,720	418,482	0,324
53+15,573	-4,720	418,461	0,323	-4,720	418,138	-4,200	418,424	-3,00	418,520	418,550	-0,030	4,200	418,424	-3,00	4,720	418,138	4,720	418,521	0,383

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
63+3,207	-4,720	417,892	0,400	-4,720	417,492	-4,200	417,777	-3,00	417,873	417,903	-0,030	4,200	417,777	-3,00	4,720	417,492	4,720	417,933	0,441
64	-4,720	417,808	0,429	-4,720	417,379	-4,200	417,664	-3,00	417,891	417,790	0,101	4,200	417,664	-3,00	4,720	417,379	4,720	417,776	0,397
64+6,000	-4,720	417,762	0,424	-4,720	417,338	-4,200	417,624	-3,00	417,892	417,750	0,142	4,200	417,624	-3,00	4,720	417,338	4,720	417,728	0,390
64+16,000	-4,720	417,718	0,407	-4,720	417,311	-4,200	417,597	-3,00	417,842	417,723	0,119	4,200	417,597	-3,00	4,720	417,311	4,720	417,660	0,349
65	-4,720	417,622	0,299	-4,720	417,323	-4,200	417,608	-3,00	417,821	417,734	0,087	4,200	417,608	-3,00	4,720	417,323	4,720	417,773	0,450
65+5,258	-4,720	417,641	0,284	-4,720	417,357	-4,200	417,643	-3,00	417,828	417,769	0,059	4,200	417,643	-3,00	4,720	417,357	4,720	417,725	0,368
65+6,000	-4,720	417,645	0,281	-4,720	417,364	-4,200	417,650	-3,00	417,828	417,776	0,052	4,200	417,650	-3,00	4,720	417,364	4,720	417,725	0,361
66	-4,720	417,916	0,422	-4,720	417,494	-4,200	417,779	-3,00	417,870	417,905	-0,035	4,200	417,779	-3,00	4,720	417,494	4,721	417,977	0,483
67	-4,720	418,056	0,377	-4,720	417,679	-4,200	417,964	-3,00	418,000	418,090	-0,090	4,200	417,964	-3,00	4,720	417,679	4,721	418,178	0,499
68	-4,720	418,186	0,392	-4,720	417,794	-4,200	418,079	-3,00	418,136	418,205	-0,069	4,200	418,079	-3,00	4,720	417,794	4,721	418,352	0,558
69	-4,720	418,221	0,312	-4,720	417,909	-4,200	418,194	-3,00	418,302	418,320	-0,018	4,200	418,194	-3,00	4,720	417,909	4,721	418,382	0,473
69+4,816	-4,720	418,396	0,434	-4,720	417,962	-4,200	418,248	-3,00	418,422	418,374	0,048	4,200	418,248	-3,00	4,720	417,962	4,721	418,446	0,484
69+13,402	-4,721	418,547	0,490	-4,720	418,057	-4,200	418,342	-3,00	418,528	418,468	0,060	4,200	418,342	-3,00	4,720	418,057	4,721	418,716	0,659
70	-4,721	418,615	0,485	-4,720	418,130	-4,200	418,415	-3,00	418,608	418,541	0,067	4,200	418,415	-3,00	4,720	418,130	4,721	418,876	0,746
71	-4,721	418,896	0,545	-4,720	418,351	-4,200	418,636	-3,00	418,782	418,762	0,020	4,200	418,636	-3,00	4,720	418,351	4,721	419,056	0,705
72	-4,721	419,119	0,548	-4,720	418,571	-4,200	418,857	-3,00	418,952	418,983	-0,031	4,200	418,857	-3,00	4,720	418,571	4,721	419,230	0,659
72+18,343	-4,720	418,941	0,271	-4,720	418,670	-4,200	418,956	-3,00	419,056	419,082	-0,026	4,200	418,956	-3,00	4,720	418,670	4,721	419,191	0,521
73	-4,720	418,936	0,257	-4,720	418,679	-4,200	418,964	-3,00	419,054	419,090	-0,036	4,200	418,964	-3,00	4,720	418,679	4,721	419,181	0,502
74	-4,720	419,117	0,331	-4,720	418,786	-4,200	419,072	-3,00	419,213	419,198	0,015	4,200	419,072	-3,00	4,720	418,786	4,721	419,378	0,592
75	-4,721	419,406	0,493	-4,720	418,913	-4,200	419,198	-3,00	419,359	419,324	0,035	4,200	419,198	-3,00	4,720	418,913	4,721	419,481	0,568
76	-4,721	419,530	0,491	-4,720	419,039	-4,200	419,324	-3,00	419,456	419,450	0,006	4,200	419,324	-3,00	4,720	419,039	4,721	419,652	0,613
76+12,762	-4,720	419,479	0,360	-4,720	419,119	-4,200	419,405	-3,00	419,441	419,531	-0,090	4,200	419,405	-3,00	4,720	419,119	4,720	419,561	0,442
77	-4,720	419,591	0,426	-4,720	419,165	-4,200	419,451	-3,00	419,535	419,577	-0,042	4,200	419,451	-3,00	4,720	419,165	4,721	419,651	0,486
78	-4,720	419,687	0,262	-4,720	419,425	-4,200	419,710	-3,00	419,765	419,836	-0,071	4,200	419,710	-3,00	4,720	419,425	4,721	419,908	0,483
79	-4,720	420,005	0,321	-4,720	419,684	-4,200	419,970	-3,00	420,068	420,096	-0,028	4,200	419,970	-3,00	4,720	419,684	4,721	420,317	0,633
79+19,539	-4,720	420,241	0,303	-4,720	419,938	-4,200	420,224	-3,00	420,305	420,350	-0,045	4,200	420,224	-3,00	4,720	419,938	4,721	420,462	0,524
80	-4,720	420,246	0,302	-4,720	419,944	-4,200	420,230	-3,00	420,308	420,356	-0,048	4,200	420,230	-3,00	4,720	419,944	4,721	420,466	0,522
80+10,000	-4,720	420,302	0,318	-4,720	419,984	-4,200	420,270	-3,00	420,460	420,396	0,064	4,200	420,270	-3,00	4,720	419,984	4,721	420,748	0,764
81	-4,720	420,484	0,431	-4,720	420,053	-4,200	420,339	-3,00	420,597	420,465	0,132	4,200	420,339	-3,00	4,720	420,053	4,721	420,891	0,838
81+10,000	-4,721	420,669	0,487	-4,720	420,182	-4,200	420,467	-3,00	420,734	420,593	0,141	4,200	420,467	-3,00	4,720	420,182	4,721	421,004	0,822
82	-4,721	420,806	0,467	-4,720	420,339	-4,200	420,625	-3,00	420,877	420,751	0,126	4,200	420,625	-3,00	4,720	420,339	4,721	421,114	0,775

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
83	-4,721	421,141	0,487	-4,720	420,654	-4,200	420,940	-3,00	421,138	421,066	0,072	4,200	420,940	-3,00	4,720	420,654	4,721	421,453	0,799
83+10,000	-4,720	421,164	0,352	-4,720	420,812	-4,200	421,097	-3,00	421,272	421,223	0,049	4,200	421,097	-3,00	4,720	420,812	4,721	421,423	0,611
83+13,215	-4,720	421,229	0,369	-4,720	420,860	-4,200	421,145	-3,00	421,319	421,271	0,048	4,200	421,145	-3,00	4,720	420,860	4,721	421,461	0,601
84	-4,720	421,362	0,419	-4,720	420,943	-4,200	421,228	-3,00	421,451	421,354	0,097	4,200	421,228	-3,00	4,720	420,943	4,721	421,541	0,598
84+10,000	-4,720	421,371	0,352	-4,720	421,019	-4,200	421,305	-3,00	421,529	421,431	0,098	4,200	421,305	-3,00	4,720	421,019	4,721	421,780	0,761
85	-4,720	421,511	0,442	-4,720	421,069	-4,200	421,355	-3,00	421,602	421,481	0,121	4,200	421,355	-3,00	4,720	421,069	4,721	421,848	0,779
86	-4,721	421,749	0,483	-4,720	421,266	-4,200	421,552	-3,00	421,742	421,678	0,064	4,200	421,552	-3,00	4,720	421,266	4,721	421,983	0,717
87	-4,720	421,897	0,434	-4,720	421,463	-4,200	421,749	-3,00	421,877	421,875	0,002	4,200	421,749	-3,00	4,720	421,463	4,721	421,938	0,475
87+7,484	-4,720	421,982	0,445	-4,720	421,537	-4,200	421,823	-3,00	422,041	421,949	0,092	4,200	421,823	-3,00	4,720	421,537	4,721	422,111	0,574
88	-4,720	422,089	0,429	-4,720	421,660	-4,200	421,946	-3,00	422,150	422,072	0,078	4,200	421,946	-3,00	4,720	421,660	4,721	422,352	0,692
89	-4,721	422,411	0,463	-4,720	421,948	-4,200	422,233	-3,00	422,379	422,359	0,020	4,200	422,233	-3,00	4,720	421,948	4,721	422,583	0,635
90	-4,720	422,684	0,449	-4,720	422,235	-4,200	422,520	-3,00	422,599	422,646	-0,047	4,200	422,520	-3,00	4,720	422,235	4,721	422,805	0,570
91	-4,720	422,759	0,373	-4,720	422,386	-4,200	422,671	-3,00	422,875	422,797	0,078	4,200	422,671	-3,00	4,720	422,386	4,721	422,940	0,554
91+1,846	-4,720	422,797	0,398	-4,720	422,399	-4,200	422,685	-3,00	422,901	422,811	0,090	4,200	422,685	-3,00	4,720	422,399	4,721	422,966	0,567
92	-4,720	422,976	0,440	-4,720	422,536	-4,200	422,822	-3,00	423,095	422,948	0,147	4,200	422,822	-3,00	4,720	422,536	4,721	423,321	0,785
93	-4,721	423,313	0,472	-4,720	422,841	-4,200	423,127	-3,00	423,314	423,253	0,061	4,200	423,127	-3,00	4,720	422,841	4,721	423,559	0,718
94	-4,720	423,574	0,428	-4,720	423,146	-4,200	423,431	-3,00	423,473	423,557	-0,084	4,200	423,431	-3,00	4,720	423,146	4,721	423,761	0,615
94+16,064	-4,720	423,609	0,325	-4,720	423,284	-4,200	423,569	-3,00	423,678	423,695	-0,017	4,200	423,569	-3,00	4,720	423,284	4,720	423,712	0,428
95	-4,720	423,645	0,327	-4,720	423,318	-4,200	423,603	-3,00	423,707	423,729	-0,022	4,200	423,603	-3,00	4,720	423,318	4,720	423,740	0,422
96	-4,720	423,916	0,426	-4,720	423,490	-4,200	423,775	-3,00	423,890	423,901	-0,011	4,200	423,775	-3,00	4,720	423,490	4,721	423,969	0,479
97	-4,720	424,072	0,410	-4,720	423,662	-4,200	423,948	-3,00	424,109	424,074	0,035	4,200	423,948	-3,00	4,720	423,662	4,721	424,376	0,714
98	-4,721	424,325	0,491	-4,720	423,834	-4,200	424,120	-3,00	424,289	424,246	0,043	4,200	424,120	-3,00	4,720	423,834	4,721	424,334	0,500
98+3,154	-4,721	424,363	0,493	-4,720	423,870	-4,200	424,155	-3,00	424,329	424,281	0,048	4,200	424,155	-3,00	4,720	423,870	4,721	424,376	0,506
99	-4,721	424,549	0,490	-4,720	424,059	-4,200	424,344	-3,00	424,517	424,470	0,047	4,200	424,344	-3,00	4,720	424,059	4,721	424,731	0,672
100	-4,720	424,710	0,427	-4,720	424,283	-4,200	424,569	-3,00	424,645	424,695	-0,050	4,200	424,569	-3,00	4,720	424,283	4,721	424,800	0,517
100+9,369	-4,720	424,611	0,263	-4,720	424,348	-4,200	424,634	-3,00	424,739	424,760	-0,021	4,200	424,634	-3,00	4,720	424,348	4,721	424,922	0,574
101	-4,720	424,816	0,395	-4,720	424,421	-4,200	424,707	-3,00	424,861	424,833	0,028	4,200	424,707	-3,00	4,720	424,421	4,721	425,064	0,643
102	-4,721	425,028	0,469	-4,720	424,559	-4,200	424,845	-3,00	424,992	424,971	0,021	4,200	424,845	-3,00	4,720	424,559	4,721	425,152	0,593
103	-4,720	425,142	0,445	-4,720	424,697	-4,200	424,983	-3,00	425,147	425,109	0,038	4,200	424,983	-3,00	4,720	424,697	4,721	425,271	0,574
103+10,039	-4,720	425,007	0,240	-4,720	424,767	-4,200	425,052	-3,00	425,204	425,178	0,026	4,200	425,052	-3,00	4,720	424,767	4,721	425,294	0,527
104	-4,720	425,177	0,342	-4,720	424,835	-4,200	425,121	-3,00	425,237	425,247	-0,010	4,200	425,121	-3,00	4,720	424,835	4,721	425,430	0,595

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
105	-4,720	425,187	0,272	-4,720	424,915	-4,200	425,201	-3,00	425,289	425,327	-0,038	4,200	425,201	-3,00	4,720	424,915	4,721	425,418	0,503
106	-4,720	425,378	0,383	-4,720	424,995	-4,200	425,281	-3,00	425,483	425,407	0,076	4,200	425,281	-3,00	4,720	424,995	4,721	425,654	0,659
107	-4,720	425,514	0,413	-4,720	425,101	-4,200	425,387	-3,00	425,538	425,513	0,025	4,200	425,387	-3,00	4,720	425,101	4,721	425,728	0,627
107+10,000	-4,720	425,575	0,421	-4,720	425,154	-4,200	425,439	-3,00	425,543	425,565	-0,022	4,200	425,439	-3,00	4,720	425,154	4,721	425,761	0,607
108	-4,721	425,636	0,470	-4,720	425,166	-4,200	425,451	-3,00	425,562	425,577	-0,015	4,200	425,451	-3,00	4,720	425,166	4,721	425,793	0,627
108+11,000	-4,720	425,497	0,278	-4,720	425,219	-4,200	425,491	-0,32	425,587	425,504	0,083	4,200	425,518	0,32	4,720	425,249	4,720	425,609	0,360
108+14,222	-4,720	425,588	0,272	-4,720	425,316	-4,200	425,588	-0,32	425,613	425,601	0,012	4,200	425,614	0,32	4,720	425,346	4,720	425,633	0,287

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
0+6,139	-3,720	429,202	0,272	-3,720	428,930	-3,200	429,195	0,88	429,167	429,167	0,000	3,200	429,139	-0,88	3,720	428,864	3,720	429,123	0,259
0+10,000	-3,720	428,991	0,215	-3,720	428,776	-3,200	429,038	1,63	428,923	428,985	-0,062	3,200	428,933	-1,63	3,720	428,655	3,720	428,866	0,211
0+17,000	-3,720	428,680	0,131	-3,720	428,549	-3,200	428,803	3,00	428,658	428,707	-0,049	3,200	428,611	-3,00	3,720	428,325	3,720	428,629	0,304
1	-3,720	428,631	0,171	-3,720	428,460	-3,200	428,715	3,00	428,609	428,619	-0,010	3,200	428,523	-3,00	3,720	428,237	3,720	428,540	0,303
1+10,000	-3,720	428,428	0,128	-3,720	428,300	-3,200	428,555	3,00	428,447	428,459	-0,012	3,200	428,363	-3,00	3,720	428,077	3,720	428,323	0,246
1+14,475	-3,720	428,629	0,354	-3,720	428,275	-3,200	428,529	3,00	428,388	428,433	-0,045	3,200	428,337	-3,00	3,720	428,052	3,720	428,317	0,265
2	-3,720	428,590	0,347	-3,720	428,243	-3,200	428,498	3,00	428,350	428,402	-0,052	3,200	428,306	-3,00	3,720	428,020	3,720	428,438	0,418
3	-3,720	428,447	0,317	-3,720	428,130	-3,200	428,385	3,00	428,218	428,289	-0,071	3,200	428,193	-3,00	3,720	427,907	3,720	428,233	0,326
4	-3,720	428,195	0,178	-3,720	428,017	-3,200	428,271	3,00	428,126	428,175	-0,049	3,200	428,079	-3,00	3,720	427,794	3,720	428,048	0,254
4+1,903	-3,720	428,175	0,169	-3,720	428,006	-3,200	428,260	3,00	428,102	428,164	-0,062	3,200	428,068	-3,00	3,720	427,783	3,720	428,024	0,241
5	-3,720	428,119	0,216	-3,720	427,903	-3,200	428,158	3,00	428,003	428,062	-0,059	3,200	427,966	-3,00	3,720	427,680	3,720	428,052	0,372
6	-3,720	428,116	0,326	-3,720	427,790	-3,200	428,044	3,00	427,902	427,948	-0,046	3,200	427,852	-3,00	3,720	427,567	3,720	427,998	0,431
7	-3,720	427,868	0,191	-3,720	427,677	-3,200	427,931	3,00	427,793	427,835	-0,042	3,200	427,739	-3,00	3,720	427,454	3,720	427,769	0,315
7+2,269	-3,720	427,856	0,192	-3,720	427,664	-3,200	427,918	3,00	427,775	427,822	-0,047	3,200	427,726	-3,00	3,720	427,441	3,720	427,718	0,277
7+9,801	-3,720	427,850	0,229	-3,720	427,621	-3,200	427,876	3,00	427,751	427,780	-0,029	3,200	427,684	-3,00	3,720	427,398	3,720	427,719	0,321
8	-3,720	427,979	0,416	-3,720	427,563	-3,200	427,818	3,00	427,727	427,722	0,005	3,200	427,626	-3,00	3,720	427,340	3,720	427,701	0,361
9	-3,720	427,860	0,410	-3,720	427,450	-3,200	427,704	3,00	427,651	427,608	0,043	3,200	427,512	-3,00	3,720	427,227	3,720	427,658	0,431
10	-3,720	427,582	0,245	-3,720	427,337	-3,200	427,591	3,00	427,498	427,495	0,003	3,200	427,399	-3,00	3,720	427,114	3,720	427,416	0,302
10+2,230	-3,720	427,570	0,251	-3,720	427,319	-3,200	427,573	3,00	427,480	427,477	0,003	3,200	427,381	-3,00	3,720	427,095	3,720	427,407	0,312
10+9,154	-3,720	427,534	0,272	-3,720	427,262	-3,200	427,517	3,00	427,428	427,421	0,007	3,200	427,325	-3,00	3,720	427,039	3,720	427,478	0,439
11	-3,720	427,595	0,421	-3,720	427,174	-3,200	427,429	3,00	427,331	427,333	-0,002	3,200	427,237	-3,00	3,720	426,951	3,720	427,390	0,439
12	-3,720	427,329	0,317	-3,720	427,012	-3,200	427,266	3,00	427,150	427,170	-0,020	3,200	427,074	-3,00	3,720	426,789	3,720	427,149	0,360
13	-3,720	427,147	0,297	-3,720	426,850	-3,200	427,104	3,00	427,058	427,008	0,050	3,200	426,912	-3,00	3,720	426,627	3,720	426,945	0,318
13+1,860	-3,720	427,143	0,308	-3,720	426,835	-3,200	427,089	3,00	427,054	426,993	0,061	3,200	426,897	-3,00	3,720	426,611	3,720	426,954	0,343
14	-3,721	427,160	0,473	-3,720	426,687	-3,200	426,942	3,00	426,968	426,846	0,122	3,200	426,750	-3,00	3,720	426,464	3,720	426,885	0,421
15	-3,721	426,983	0,458	-3,720	426,525	-3,200	426,779	3,00	426,799	426,683	0,116	3,200	426,587	-3,00	3,720	426,302	3,721	426,804	0,502
16	-3,720	426,660	0,297	-3,720	426,363	-3,200	426,617	3,00	426,608	426,521	0,087	3,200	426,425	-3,00	3,720	426,139	3,720	426,511	0,372
16+2,149	-3,720	426,658	0,313	-3,720	426,345	-3,200	426,600	3,00	426,591	426,504	0,087	3,200	426,408	-3,00	3,720	426,122	3,720	426,516	0,394
16+9,672	-3,720	426,670	0,386	-3,720	426,284	-3,200	426,539	3,00	426,619	426,443	0,176	3,200	426,347	-3,00	3,720	426,061	3,720	426,497	0,436
17	-3,721	426,758	0,558	-3,720	426,200	-3,200	426,455	3,00	426,501	426,359	0,142	3,200	426,263	-3,00	3,720	425,977	3,721	426,434	0,457
18	-3,721	426,652	0,556	-3,720	426,096	-3,200	426,351	3,00	426,351	426,255	0,096	3,200	426,159	-3,00	3,720	425,873	3,720	426,305	0,432

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
19	-3,720	426,370	0,378	-3,720	425,992	-3,200	426,246	3,00	426,291	426,150	0,141	3,200	426,054	-3,00	3,720	425,769	3,720	426,192	0,423
19+2,114	-3,720	426,360	0,379	-3,720	425,981	-3,200	426,235	3,00	426,286	426,139	0,147	3,200	426,043	-3,00	3,720	425,758	3,720	426,198	0,440
20	-3,721	426,403	0,515	-3,720	425,888	-3,200	426,142	3,00	426,137	426,046	0,091	3,200	425,950	-3,00	3,720	425,665	3,721	426,139	0,474
21	-3,721	426,246	0,462	-3,720	425,784	-3,200	426,038	3,00	425,979	425,942	0,037	3,200	425,846	-3,00	3,720	425,560	3,720	425,897	0,337
22	-3,720	425,983	0,304	-3,720	425,679	-3,200	425,934	3,00	425,892	425,838	0,054	3,200	425,742	-3,00	3,720	425,456	3,720	425,755	0,299
22+2,277	-3,720	425,968	0,300	-3,720	425,668	-3,200	425,922	3,00	425,869	425,826	0,043	3,200	425,730	-3,00	3,720	425,444	3,720	425,772	0,328
22+9,781	-3,720	425,970	0,342	-3,720	425,628	-3,200	425,883	3,00	425,842	425,787	0,055	3,200	425,691	-3,00	3,720	425,405	3,721	425,961	0,556
23	-3,721	426,076	0,501	-3,720	425,575	-3,200	425,830	3,00	425,818	425,734	0,084	3,200	425,638	-3,00	3,720	425,352	3,721	425,850	0,498
23+10,000	-3,721	426,014	0,543	-3,720	425,471	-3,200	425,726	3,00	425,782	425,630	0,152	3,200	425,534	-3,00	3,720	425,248	3,721	425,711	0,463
24	-3,721	425,911	0,510	-3,720	425,401	-3,200	425,656	3,00	425,701	425,560	0,141	3,200	425,464	-3,00	3,720	425,178	3,720	425,607	0,429
24+10,000	-3,720	425,799	0,399	-3,720	425,400	-3,200	425,654	3,00	425,618	425,558	0,060	3,200	425,462	-3,00	3,720	425,177	3,720	425,523	0,346
25	-3,720	425,694	0,262	-3,720	425,432	-3,200	425,687	3,00	425,597	425,591	0,006	3,200	425,495	-3,00	3,720	425,209	3,720	425,545	0,336
25+3,215	-3,720	425,679	0,236	-3,720	425,443	-3,200	425,697	3,00	425,613	425,601	0,012	3,200	425,505	-3,00	3,720	425,219	3,720	425,585	0,366
25+10,000	-3,721	425,923	0,458	-3,720	425,465	-3,200	425,719	3,00	425,645	425,623	0,022	3,200	425,527	-3,00	3,720	425,242	3,720	425,618	0,376
25+18,036	-3,720	425,736	0,225	-3,720	425,511	-3,200	425,765	3,00	425,624	425,669	-0,045	3,200	425,573	-3,00	3,720	425,287	3,720	425,513	0,226
26	-3,720	425,761	0,233	-3,720	425,528	-3,200	425,782	3,00	425,638	425,686	-0,048	3,200	425,590	-3,00	3,720	425,305	3,720	425,527	0,222
26+10,000	-3,720	425,982	0,330	-3,720	425,652	-3,200	425,907	3,00	425,788	425,811	-0,023	3,200	425,715	-3,00	3,720	425,429	3,720	425,671	0,242
27	-3,920	426,125	0,311	-3,920	425,814	-3,400	426,068	3,00	425,966	425,966	0,000	3,400	425,864	-3,00	3,920	425,578	3,920	425,909	0,331
28	-3,920	426,390	0,266	-3,920	426,124	-3,400	426,378	3,00	426,299	426,276	0,023	3,400	426,174	-3,00	3,920	425,889	3,920	426,256	0,367
28+2,056	-3,920	426,389	0,235	-3,920	426,154	-3,400	426,408	3,00	426,295	426,306	-0,011	3,400	426,204	-3,00	3,920	425,919	3,920	426,265	0,346
28+10,000	-3,920	426,443	0,213	-3,920	426,230	-3,400	426,485	3,00	426,378	426,383	-0,005	3,400	426,281	-3,00	3,920	425,995	3,920	426,340	0,345
28+11,477	-3,920	426,652	0,414	-3,920	426,238	-3,400	426,492	3,00	426,402	426,390	0,012	3,400	426,288	-3,00	3,920	426,003	3,920	426,366	0,363
29	-4,020	426,621	0,379	-4,020	426,242	-3,500	426,497	3,00	426,372	426,392	-0,020	3,500	426,287	-3,00	4,020	426,001	4,020	426,340	0,339
30	-4,020	426,508	0,346	-4,020	426,162	-3,500	426,417	3,00	426,291	426,312	-0,021	3,500	426,207	-3,00	4,020	425,921	4,020	426,254	0,333
31	-4,020	426,235	0,223	-4,020	426,012	-3,500	426,267	3,00	426,174	426,162	0,012	3,500	426,057	-3,00	4,020	425,771	4,020	426,037	0,266
31+2,814	-4,020	426,256	0,265	-4,020	425,991	-3,500	426,246	3,00	426,152	426,141	0,011	3,500	426,036	-3,00	4,020	425,750	4,020	426,018	0,268
32	-4,020	426,244	0,381	-4,020	425,863	-3,500	426,117	3,00	426,018	426,012	0,006	3,500	425,907	-3,00	4,020	425,621	4,021	426,087	0,466
33	-4,020	426,133	0,420	-4,020	425,713	-3,500	425,967	3,00	425,891	425,862	0,029	3,500	425,757	-3,00	4,020	425,472	4,020	425,897	0,425
34	-4,020	425,838	0,205	-4,020	425,633	-3,500	425,887	3,00	425,759	425,782	-0,023	3,500	425,677	-3,00	4,020	425,392	4,020	425,729	0,337
34+2,233	-4,020	425,828	0,204	-4,020	425,624	-3,500	425,878	3,00	425,790	425,773	0,017	3,500	425,668	-3,00	4,020	425,383	4,020	425,690	0,307
35	-4,020	425,909	0,356	-4,020	425,553	-3,500	425,807	3,00	425,747	425,702	0,045	3,500	425,597	-3,00	4,020	425,312	4,020	425,732	0,420

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
36	-4,020	425,890	0,417	-4,020	425,473	-3,500	425,727	3,00	425,642	425,622	0,020	3,500	425,517	-3,00	4,020	425,232	4,020	425,666	0,434
37	-4,020	425,651	0,258	-4,020	425,393	-3,500	425,647	3,00	425,536	425,542	-0,006	3,500	425,437	-3,00	4,020	425,152	4,020	425,446	0,294
37+2,428	-4,020	425,638	0,255	-4,020	425,383	-3,500	425,638	3,00	425,529	425,533	-0,004	3,500	425,428	-3,00	4,020	425,142	4,020	425,417	0,275
38	-4,020	425,738	0,425	-4,020	425,313	-3,500	425,567	3,00	425,484	425,462	0,022	3,500	425,357	-3,00	4,020	425,072	4,020	425,516	0,444
39	-4,020	425,551	0,318	-4,020	425,233	-3,500	425,487	3,00	425,404	425,382	0,022	3,500	425,277	-3,00	4,020	424,992	4,020	425,431	0,439
40	-4,020	425,366	0,213	-4,020	425,153	-3,500	425,407	3,00	425,317	425,302	0,015	3,500	425,197	-3,00	4,020	424,912	4,020	425,270	0,358
40+2,331	-4,020	425,362	0,218	-4,020	425,144	-3,500	425,398	3,00	425,312	425,293	0,019	3,500	425,188	-3,00	4,020	424,902	4,020	425,281	0,379
41	-4,020	425,517	0,444	-4,020	425,073	-3,500	425,327	3,00	425,252	425,222	0,030	3,500	425,117	-3,00	4,020	424,832	4,021	425,369	0,537
42	-4,020	425,434	0,441	-4,020	424,993	-3,500	425,247	3,00	425,222	425,142	0,080	3,500	425,037	-3,00	4,020	424,752	4,021	425,211	0,459
43	-4,020	425,210	0,297	-4,020	424,913	-3,500	425,167	3,00	425,153	425,062	0,091	3,500	424,957	-3,00	4,020	424,672	4,020	424,966	0,294
43+2,987	-4,020	425,180	0,279	-4,020	424,901	-3,500	425,155	3,00	425,121	425,050	0,071	3,500	424,945	-3,00	4,020	424,660	4,020	424,959	0,299
43+9,772	-4,020	425,112	0,238	-4,020	424,874	-3,500	425,128	3,00	425,049	425,023	0,026	3,500	424,918	-3,00	4,020	424,633	4,021	425,129	0,496
44	-4,020	425,248	0,415	-4,020	424,833	-3,500	425,087	3,00	425,006	424,982	0,024	3,500	424,877	-3,00	4,020	424,592	4,021	425,052	0,460
45	-4,020	425,171	0,418	-4,020	424,753	-3,500	425,007	3,00	424,920	424,902	0,018	3,500	424,797	-3,00	4,020	424,512	4,020	424,936	0,424
46	-4,020	424,778	0,153	-4,020	424,625	-3,500	424,880	3,00	424,804	424,775	0,029	3,500	424,670	-3,00	4,020	424,384	4,020	424,661	0,277
46+2,614	-4,020	424,777	0,166	-4,020	424,611	-3,500	424,865	3,00	424,775	424,760	0,015	3,500	424,655	-3,00	4,020	424,369	4,020	424,641	0,272
46+10,000	-4,020	424,912	0,324	-4,020	424,588	-3,500	424,842	3,00	424,711	424,737	-0,026	3,500	424,632	-3,00	4,020	424,346	4,020	424,734	0,388
47	-4,020	424,974	0,372	-4,020	424,602	-3,500	424,856	3,00	424,757	424,751	0,006	3,500	424,646	-3,00	4,020	424,361	4,020	424,779	0,418
48	-4,020	425,072	0,390	-4,020	424,682	-3,500	424,936	3,00	424,880	424,831	0,049	3,500	424,726	-3,00	4,020	424,441	4,020	424,865	0,424
48+10,000	-4,020	425,116	0,394	-4,020	424,722	-3,500	424,976	3,00	424,961	424,871	0,090	3,500	424,766	-3,00	4,020	424,481	4,020	424,905	0,424
49	-4,020	425,169	0,427	-4,020	424,742	-3,500	424,996	3,00	424,973	424,891	0,082	3,500	424,786	-3,00	4,020	424,501	4,020	424,927	0,426
49+10,000	-4,020	425,116	0,394	-4,020	424,722	-3,500	424,976	3,00	424,944	424,871	0,073	3,500	424,766	-3,00	4,020	424,481	4,020	424,931	0,450
50	-4,021	425,096	0,455	-4,020	424,641	-3,500	424,895	3,00	424,852	424,790	0,062	3,500	424,685	-3,00	4,020	424,400	4,020	424,739	0,339
50+10,000	-4,020	424,796	0,318	-4,020	424,478	-3,500	424,733	3,00	424,663	424,628	0,035	3,500	424,523	-3,00	4,020	424,237	4,020	424,548	0,311
50+11,353	-4,020	424,803	0,352	-4,020	424,451	-3,500	424,705	3,00	424,600	424,600	0,000	3,500	424,495	-3,00	4,020	424,210	4,020	424,482	0,272

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
0+7,522	-3,720	429,221	0,239	-3,720	428,982	-3,200	429,250	0,30	429,240	429,240	0,000	3,200	429,231	-0,30	3,720	428,959	3,720	429,242	0,283
0+17,585	-3,720	428,718	0,253	-3,720	428,465	-3,200	428,750	-3,00	428,909	428,846	0,063	3,200	428,942	3,00	3,720	428,688	3,720	428,970	0,282
1	-3,720	428,618	0,248	-3,720	428,370	-3,200	428,656	-3,00	428,830	428,752	0,078	3,200	428,848	3,00	3,720	428,593	3,720	428,903	0,310
1+8,000	-3,720	428,350	0,237	-3,720	428,113	-3,200	428,399	-3,00	428,567	428,495	0,072	3,200	428,591	3,00	3,720	428,336	3,720	428,683	0,347
1+10,000	-3,720	428,333	0,266	-3,720	428,067	-3,200	428,352	-3,00	428,501	428,448	0,053	3,200	428,544	3,00	3,720	428,290	3,720	428,628	0,338
1+14,410	-3,720	428,376	0,388	-3,720	427,988	-3,200	428,274	-3,00	428,384	428,370	0,014	3,200	428,466	3,00	3,720	428,212	3,720	428,547	0,335
2	-3,720	428,366	0,427	-3,720	427,939	-3,200	428,224	-3,00	428,350	428,320	0,030	3,200	428,416	3,00	3,720	428,162	3,721	428,625	0,463
3	-3,720	428,301	0,442	-3,720	427,859	-3,200	428,144	-3,00	428,231	428,240	-0,009	3,200	428,336	3,00	3,720	428,082	3,720	428,486	0,404
4	-3,720	427,997	0,296	-3,720	427,701	-3,200	427,987	-3,00	428,114	428,083	0,031	3,200	428,179	3,00	3,720	427,924	3,720	428,199	0,275
4+3,285	-3,720	427,975	0,300	-3,720	427,675	-3,200	427,961	-3,00	428,064	428,057	0,007	3,200	428,153	3,00	3,720	427,899	3,720	428,152	0,253
5	-3,720	427,970	0,426	-3,720	427,544	-3,200	427,829	-3,00	427,962	427,925	0,037	3,200	428,021	3,00	3,720	427,767	3,721	428,281	0,514
6	-3,720	427,828	0,384	-3,720	427,444	-3,200	427,730	-3,00	427,865	427,826	0,039	3,200	427,922	3,00	3,720	427,667	3,720	428,099	0,432
7	-3,720	427,728	0,383	-3,720	427,345	-3,200	427,630	-3,00	427,789	427,726	0,063	3,200	427,822	3,00	3,720	427,568	3,720	427,881	0,313
7+2,269	-3,720	427,740	0,406	-3,720	427,334	-3,200	427,619	-3,00	427,780	427,715	0,065	3,200	427,811	3,00	3,720	427,557	3,720	427,858	0,301
8	-3,720	427,664	0,419	-3,720	427,245	-3,200	427,531	-3,00	427,736	427,627	0,109	3,200	427,723	3,00	3,720	427,469	3,721	427,952	0,483
9	-3,721	427,605	0,459	-3,720	427,146	-3,200	427,431	-3,00	427,595	427,527	0,068	3,200	427,623	3,00	3,720	427,369	3,721	427,904	0,535
9+15,539	-3,721	427,589	0,520	-3,720	427,069	-3,200	427,354	-3,00	427,511	427,450	0,061	3,200	427,546	3,00	3,720	427,292	3,720	427,700	0,408
10	-3,720	427,449	0,403	-3,720	427,046	-3,200	427,332	-3,00	427,490	427,428	0,062	3,200	427,524	3,00	3,720	427,270	3,720	427,600	0,330
10+3,209	-3,720	427,427	0,397	-3,720	427,030	-3,200	427,316	-3,00	427,487	427,412	0,075	3,200	427,508	3,00	3,720	427,254	3,720	427,571	0,317
11	-3,721	427,455	0,508	-3,720	426,947	-3,200	427,233	-3,00	427,397	427,329	0,068	3,200	427,425	3,00	3,720	427,170	3,721	427,655	0,485
12	-3,720	427,196	0,399	-3,720	426,797	-3,200	427,083	-3,00	427,233	427,179	0,054	3,200	427,275	3,00	3,720	427,021	3,720	427,450	0,429
13	-3,720	426,956	0,308	-3,720	426,648	-3,200	426,933	-3,00	427,071	427,029	0,042	3,200	427,125	3,00	3,720	426,871	3,720	427,126	0,255
13+2,529	-3,720	426,948	0,319	-3,720	426,629	-3,200	426,915	-3,00	427,038	427,011	0,027	3,200	427,107	3,00	3,720	426,852	3,720	427,094	0,242
14	-3,720	426,907	0,409	-3,720	426,498	-3,200	426,784	-3,00	426,967	426,880	0,087	3,200	426,976	3,00	3,720	426,722	3,721	427,192	0,470
15	-3,721	426,835	0,461	-3,720	426,374	-3,200	426,659	-3,00	426,834	426,755	0,079	3,200	426,851	3,00	3,720	426,597	3,720	427,013	0,416
16	-3,720	426,654	0,405	-3,720	426,249	-3,200	426,535	-3,00	426,675	426,631	0,044	3,200	426,727	3,00	3,720	426,472	3,720	426,699	0,227
16+3,496	-3,720	426,657	0,430	-3,720	426,227	-3,200	426,513	-3,00	426,626	426,609	0,017	3,200	426,705	3,00	3,720	426,450	3,720	426,666	0,216
16+11,112	-3,721	426,709	0,529	-3,720	426,180	-3,200	426,465	-3,00	426,686	426,561	0,125	3,200	426,657	3,00	3,720	426,403	3,720	426,744	0,341
17	-3,721	426,594	0,470	-3,720	426,124	-3,200	426,410	-3,00	426,710	426,506	0,204	3,200	426,602	3,00	3,720	426,347	3,721	426,860	0,513
18	-3,720	426,421	0,422	-3,720	425,999	-3,200	426,285	-3,00	426,618	426,381	0,237	3,200	426,477	3,00	3,720	426,223	3,721	426,752	0,529
19	-3,720	426,263	0,388	-3,720	425,875	-3,200	426,160	-3,00	426,373	426,256	0,117	3,200	426,352	3,00	3,720	426,098	3,720	426,416	0,318

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
19+3,439	-3,720	426,206	0,353	-3,720	425,853	-3,200	426,139	-3,00	426,342	426,235	0,107	3,200	426,331	3,00	3,720	426,076	3,720	426,401	0,325
20	-3,720	426,081	0,331	-3,720	425,750	-3,200	426,036	-3,00	426,135	426,132	0,003	3,200	426,228	3,00	3,720	425,973	3,720	426,405	0,432
21	-3,720	425,888	0,230	-3,720	425,658	-3,200	425,944	-3,00	425,973	426,040	-0,067	3,200	426,136	3,00	3,720	425,882	3,720	426,233	0,351
22	-3,720	425,826	0,259	-3,720	425,567	-3,200	425,852	-3,00	425,891	425,948	-0,057	3,200	426,044	3,00	3,720	425,790	3,720	425,992	0,202
22+3,717	-3,720	425,880	0,330	-3,720	425,550	-3,200	425,835	-3,00	425,888	425,931	-0,043	3,200	426,027	3,00	3,720	425,773	3,720	425,989	0,216
23	-3,720	425,880	0,405	-3,720	425,475	-3,200	425,761	-3,00	425,887	425,857	0,030	3,200	425,953	3,00	3,720	425,698	3,720	426,127	0,429
23+10,000	-3,720	425,845	0,416	-3,720	425,429	-3,200	425,715	-3,00	425,851	425,811	0,040	3,200	425,907	3,00	3,720	425,652	3,720	426,065	0,413
24	-3,720	425,719	0,364	-3,720	425,355	-3,200	425,641	-3,00	425,753	425,737	0,016	3,200	425,833	3,00	3,720	425,578	3,720	425,968	0,390
24+10,000	-3,720	425,531	0,306	-3,720	425,225	-3,200	425,510	-3,00	425,613	425,606	0,007	3,200	425,702	3,00	3,720	425,448	3,720	425,830	0,382
24+16,069	-3,720	425,545	0,406	-3,720	425,139	-3,200	425,425	-3,00	425,527	425,521	0,006	3,200	425,617	3,00	3,720	425,362	3,720	425,747	0,385
25	-3,720	425,472	0,377	-3,720	425,095	-3,200	425,381	-3,00	425,533	425,477	0,056	3,200	425,573	3,00	3,720	425,319	3,720	425,663	0,344
25+3,859	-3,759	425,461	0,401	-3,759	425,060	-3,239	425,346	-3,00	425,537	425,443	0,094	3,171	425,538	3,00	3,691	425,284	3,691	425,631	0,347
25+10,000	-3,821	425,475	0,452	-3,820	425,023	-3,300	425,308	-3,00	425,536	425,407	0,129	3,125	425,501	3,00	3,645	425,247	3,645	425,642	0,395
26	-3,921	425,514	0,457	-3,920	425,057	-3,400	425,342	-3,00	425,593	425,444	0,149	3,050	425,536	3,00	3,570	425,281	3,571	425,764	0,483
26+2,000	-3,941	425,567	0,485	-3,940	425,082	-3,420	425,368	-3,00	425,620	425,470	0,150	3,035	425,561	3,00	3,555	425,307	3,556	425,794	0,487
26+12,000	-4,041	425,846	0,511	-4,040	425,335	-3,520	425,621	-3,00	425,865	425,726	0,139	2,960	425,815	3,00	3,480	425,561	3,481	426,141	0,580
27	-4,120	426,068	0,442	-4,120	425,626	-3,600	425,912	-3,00	426,159	426,020	0,139	2,900	426,107	3,00	3,420	425,852	3,420	426,294	0,442
27+10,000	-4,195	426,336	0,345	-4,195	425,991	-3,675	426,276	-3,00	426,509	426,386	0,123	2,950	426,475	3,00	3,470	426,221	3,470	426,602	0,381
28	-4,270	426,543	0,289	-4,270	426,254	-3,750	426,539	-3,00	426,623	426,652	-0,029	3,000	426,562	-3,00	3,520	426,276	3,520	426,566	0,290
28+3,547	-4,297	426,588	0,290	-4,297	426,298	-3,777	426,583	-3,00	426,554	426,697	-0,143	3,018	426,606	-3,00	3,538	426,321	3,538	426,564	0,243
28+10,000	-4,345	426,676	0,363	-4,345	426,313	-3,825	426,599	-3,00	426,562	426,713	-0,151	3,050	426,622	-3,00	3,570	426,336	3,570	426,552	0,216
29	-4,421	426,791	0,520	-4,420	426,271	-3,900	426,556	-3,00	426,551	426,673	-0,122	3,100	426,580	-3,00	3,620	426,295	3,620	426,692	0,397
30	-4,421	426,753	0,562	-4,420	426,191	-3,900	426,476	-3,00	426,506	426,593	-0,087	3,200	426,497	-3,00	3,720	426,212	3,720	426,641	0,429
31	-4,420	426,428	0,317	-4,420	426,111	-3,900	426,396	-3,00	426,350	426,513	-0,163	3,200	426,417	-3,00	3,720	426,132	3,720	426,223	0,091
31+3,794	-4,420	426,441	0,345	-4,420	426,096	-3,900	426,381	-3,00	426,339	426,498	-0,159	3,200	426,402	-3,00	3,720	426,117	3,720	426,242	0,125
32	-4,421	426,565	0,534	-4,420	426,031	-3,900	426,316	-3,00	426,277	426,433	-0,156	3,200	426,337	-3,00	3,720	426,052	3,720	426,385	0,333
33	-4,421	426,489	0,538	-4,420	425,951	-3,900	426,236	-3,00	426,241	426,353	-0,112	3,200	426,257	-3,00	3,720	425,972	3,720	426,286	0,314
34	-4,420	426,081	0,210	-4,420	425,871	-3,900	426,156	-3,00	426,040	426,273	-0,233	3,200	426,177	-3,00	3,720	425,892	3,720	425,974	0,082
34+3,407	-4,386	426,059	0,216	-4,386	425,843	-3,866	426,129	-3,00	425,991	426,245	-0,254	3,234	426,148	-3,00	3,754	425,862	3,754	425,947	0,085
35	-4,221	426,178	0,470	-4,220	425,708	-3,700	425,994	-3,00	425,993	426,105	-0,112	3,400	426,003	-3,00	3,920	425,717	3,920	426,081	0,364
36	-4,120	425,954	0,411	-4,120	425,543	-3,600	425,829	-3,00	425,889	425,937	-0,048	3,400	425,835	-3,00	3,920	425,549	3,920	425,979	0,430

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
36+15,552	-4,121	425,940	0,459	-4,120	425,481	-3,600	425,766	-3,00	425,755	425,874	-0,119	3,400	425,772	-3,00	3,920	425,487	3,920	425,793	0,306
37	-4,120	425,773	0,310	-4,120	425,463	-3,600	425,749	-3,00	425,725	425,857	-0,132	3,400	425,755	-3,00	3,920	425,469	3,920	425,679	0,210
37+3,482	-4,120	425,786	0,337	-4,120	425,449	-3,600	425,735	-3,00	425,704	425,843	-0,139	3,400	425,741	-3,00	3,920	425,455	3,920	425,668	0,213
38	-4,121	426,042	0,659	-4,120	425,383	-3,600	425,669	-3,00	425,694	425,777	-0,083	3,400	425,675	-3,00	3,920	425,389	3,920	425,761	0,372
39	-4,121	425,950	0,647	-4,120	425,303	-3,600	425,589	-3,00	425,651	425,697	-0,046	3,400	425,595	-3,00	3,920	425,309	3,920	425,684	0,375
40	-4,120	425,602	0,379	-4,120	425,223	-3,600	425,509	-3,00	425,545	425,617	-0,072	3,400	425,515	-3,00	3,920	425,229	3,920	425,457	0,228
40+3,528	-4,120	425,583	0,374	-4,120	425,209	-3,600	425,494	-3,00	425,528	425,602	-0,074	3,400	425,500	-3,00	3,920	425,215	3,920	425,458	0,243
41	-4,121	425,690	0,547	-4,120	425,143	-3,600	425,429	-3,00	425,443	425,537	-0,094	3,400	425,435	-3,00	3,920	425,149	3,920	425,560	0,411
42	-4,121	425,533	0,470	-4,120	425,063	-3,600	425,349	-3,00	425,382	425,457	-0,075	3,400	425,355	-3,00	3,920	425,069	3,920	425,471	0,402
43	-4,120	425,391	0,408	-4,120	424,983	-3,600	425,269	-3,00	425,291	425,377	-0,086	3,400	425,275	-3,00	3,920	424,989	3,920	425,244	0,255
43+3,768	-4,120	425,378	0,410	-4,120	424,968	-3,600	425,253	-3,00	425,252	425,361	-0,109	3,400	425,259	-3,00	3,920	424,974	3,920	425,214	0,240
44	-4,121	425,447	0,544	-4,120	424,903	-3,600	425,189	-3,00	425,167	425,297	-0,130	3,400	425,195	-3,00	3,920	424,909	3,920	425,286	0,377
45	-4,121	425,339	0,516	-4,120	424,823	-3,600	425,109	-3,00	425,093	425,217	-0,124	3,400	425,115	-3,00	3,920	424,829	3,920	425,189	0,360
46	-4,120	425,052	0,309	-4,120	424,743	-3,600	425,029	-3,00	425,015	425,137	-0,122	3,400	425,035	-3,00	3,920	424,749	3,920	424,900	0,151
46+3,586	-4,102	425,060	0,331	-4,102	424,729	-3,582	425,015	-3,00	424,988	425,122	-0,134	3,436	425,019	-3,00	3,956	424,734	3,956	424,886	0,152
46+9,886	-4,071	425,275	0,570	-4,071	424,705	-3,551	424,990	-3,00	424,964	425,097	-0,133	3,499	424,992	-3,00	4,019	424,706	4,019	424,898	0,192
47	-4,021	425,259	0,593	-4,020	424,666	-3,500	424,952	-3,00	424,976	425,057	-0,081	3,600	424,949	-3,00	4,120	424,663	4,120	424,982	0,319
47+14,139	-4,021	425,237	0,500	-4,020	424,737	-3,500	425,022	-3,00	424,990	425,127	-0,137	3,600	425,019	-3,00	4,120	424,734	4,120	425,080	0,346
48	-3,720	425,221	0,446	-3,720	424,775	-3,200	425,061	-3,00	425,030	425,157	-0,127	3,200	425,061	-3,00	3,720	424,775	3,720	425,016	0,241
49	-3,720	425,182	0,307	-3,720	424,875	-3,200	425,161	-3,00	425,140	425,257	-0,117	3,200	425,161	-3,00	3,720	424,875	3,720	425,123	0,248
49+10,000	-3,720	425,201	0,339	-3,720	424,862	-3,200	425,147	-3,00	425,187	425,243	-0,056	3,200	425,147	-3,00	3,720	424,862	3,720	425,182	0,320
50	-3,720	425,056	0,335	-3,720	424,721	-3,200	425,007	-3,00	425,073	425,103	-0,030	3,200	425,007	-3,00	3,720	424,721	3,721	425,246	0,525
50+12,776	-3,720	424,847	0,416	-3,720	424,431	-3,200	424,721	-3,81	424,843	424,843	0,000	3,200	424,858	0,48	3,720	424,591	3,720	424,879	0,288

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
0	-5,771	413,118	0,543	-5,770	412,575	-5,250	412,861	-3,00	412,931	413,018	-0,087	4,200	412,892	-3,00	4,720	412,606	4,720	412,994	0,388
0+8,186	-5,771	413,121	0,570	-5,770	412,551	-5,250	412,822	-0,30	412,901	412,838	0,063	5,250	412,857	0,36	5,770	412,589	5,770	412,866	0,277
0+12,809	-5,771	413,134	0,597	-5,770	412,537	-5,250	412,806	0,30	412,897	412,790	0,107	5,250	412,787	-0,06	5,770	412,517	5,770	412,873	0,356
1	-5,770	412,976	0,436	-5,770	412,540	-5,250	412,823	-2,59	413,009	412,959	0,050	4,200	412,848	-2,63	4,720	412,565	4,720	412,968	0,403
1+1,028	-5,770	412,984	0,444	-5,770	412,540	-5,250	412,826	-3,00	412,997	412,983	0,014	4,200	412,857	-3,00	4,720	412,571	4,720	412,973	0,402

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
0	-5,770	413,023	0,421	-5,770	412,602	-5,250	412,888	-3,00	413,024	413,045	-0,021	4,200	412,919	-3,00	4,720	412,633	4,721	413,096	0,463
0+8,257	-5,771	413,229	0,606	-5,770	412,623	-5,250	412,896	-0,53	413,067	412,924	0,143	5,250	412,993	1,31	5,770	412,730	5,770	413,112	0,382
0+12,801	-5,771	413,194	0,570	-5,770	412,624	-5,250	412,900	-1,14	413,033	412,960	0,073	5,250	413,049	1,70	5,770	412,788	5,770	413,094	0,306
1	-5,771	413,141	0,517	-5,770	412,624	-5,250	412,908	-2,77	413,091	413,054	0,037	4,200	412,952	-2,42	4,720	412,670	4,720	413,097	0,427
1+1,005	-5,771	413,137	0,513	-5,770	412,624	-5,250	412,910	-3,00	413,080	413,067	0,013	4,200	412,941	-3,00	4,720	412,655	4,720	413,040	0,385

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
0	-7,670	415,023	0,607	-7,670	414,416	-5,250	414,669	-3,00	414,773	414,826	-0,053	4,200	414,700	-3,00	6,620	414,447	6,620	414,979	0,532
0+8,213	-7,670	415,048	0,581	-7,670	414,467	-5,250	414,638	0,38	414,670	414,618	0,052	5,250	414,605	-0,25	8,146	414,418	8,146	414,620	0,202
0+12,676	-7,670	415,043	0,567	-7,670	414,476	-5,250	414,621	1,43	414,727	414,546	0,181	5,250	414,538	-0,15	8,142	414,354	8,142	414,605	0,251
1	-7,670	415,051	0,698	-7,670	414,353	-5,250	414,594	-2,51	414,740	414,726	0,014	4,200	414,613	-2,69	6,620	414,368	6,620	414,835	0,467
1+0,904	-7,670	415,053	0,715	-7,670	414,338	-5,250	414,591	-3,00	414,746	414,748	-0,002	4,200	414,622	-3,00	6,620	414,369	6,620	414,840	0,471

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
0	-5,770	414,824	0,447	-5,770	414,377	-5,250	414,663	-3,00	414,828	414,820	0,008	4,200	414,694	-3,00	4,720	414,408	4,720	414,799	0,391
0+8,094	-5,771	415,106	0,680	-5,770	414,426	-5,250	414,697	-0,30	414,907	414,713	0,194	5,250	414,801	1,68	5,770	414,540	5,770	414,884	0,344
0+12,796	-5,771	415,131	0,694	-5,770	414,437	-5,250	414,716	-1,73	414,910	414,807	0,103	5,250	414,899	1,75	5,770	414,638	5,770	414,917	0,279
1	-5,770	414,877	0,415	-5,770	414,462	-5,250	414,747	-2,86	414,899	414,897	0,002	4,200	414,793	-2,47	4,720	414,510	4,720	414,922	0,412
1+0,897	-5,770	414,846	0,381	-5,770	414,465	-5,250	414,751	-3,00	414,888	414,908	-0,020	4,200	414,782	-3,00	4,720	414,496	4,720	414,880	0,384

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
0	-5,770	416,903	0,385	-5,770	416,518	-5,250	416,804	-3,00	416,926	416,961	-0,035	4,200	416,835	-3,00	4,720	416,549	4,720	416,962	0,413
0+8,178	-5,771	417,059	0,553	-5,770	416,506	-5,250	416,775	0,30	416,811	416,759	0,052	5,250	416,750	-0,17	5,770	416,479	5,770	416,763	0,284
0+12,435	-5,771	417,063	0,569	-5,770	416,494	-5,250	416,756	1,47	416,742	416,679	0,063	5,250	416,665	-0,27	5,770	416,393	5,770	416,640	0,247
1	-5,770	416,797	0,354	-5,770	416,443	-5,250	416,727	-2,65	416,737	416,866	-0,129	4,200	416,749	-2,79	4,720	416,465	4,720	416,877	0,412
1+0,645	-5,770	416,797	0,358	-5,770	416,439	-5,250	416,725	-3,00	416,748	416,882	-0,134	4,200	416,756	-3,00	4,720	416,470	4,721	416,937	0,467

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
0	-5,770	416,800	0,281	-5,770	416,519	-5,250	416,805	-3,00	416,807	416,962	-0,155	4,200	416,836	-3,00	4,720	416,550	4,721	417,066	0,516
0+8,228	-5,771	417,103	0,539	-5,770	416,564	-5,250	416,835	-0,32	416,881	416,852	0,029	5,250	416,933	1,54	5,770	416,671	5,770	416,949	0,278
0+12,468	-5,771	417,178	0,606	-5,770	416,572	-5,250	416,850	-1,52	417,017	416,930	0,087	5,250	417,015	1,62	5,770	416,753	5,770	417,035	0,282
1	-5,770	416,935	0,344	-5,770	416,591	-5,250	416,876	-2,89	416,985	417,028	-0,043	4,200	416,917	-2,65	4,720	416,633	4,720	417,039	0,406
1+0,611	-5,770	416,933	0,340	-5,770	416,593	-5,250	416,879	-3,00	416,981	417,036	-0,055	4,200	416,910	-3,00	4,720	416,624	4,720	417,049	0,425

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
0	-5,770	418,142	0,290	-5,770	417,852	-5,250	418,138	-3,00	418,138	418,295	-0,157	4,200	418,169	-3,00	4,720	417,883	4,720	418,324	0,441
0+8,205	-5,771	418,312	0,498	-5,770	417,814	-5,250	418,088	-0,69	418,135	418,124	0,011	5,250	418,144	0,38	5,770	417,876	5,770	418,115	0,239
0+12,380	-5,771	418,308	0,506	-5,770	417,802	-5,250	418,063	1,68	418,131	417,975	0,156	5,250	417,968	-0,13	5,770	417,698	5,771	418,173	0,475
1	-5,770	418,159	0,425	-5,770	417,734	-5,250	418,018	-2,66	418,127	418,158	-0,031	4,200	418,041	-2,79	4,720	417,756	4,721	418,244	0,488
1+0,595	-5,770	418,159	0,430	-5,770	417,729	-5,250	418,015	-3,00	418,127	418,172	-0,045	4,200	418,046	-3,00	4,720	417,760	4,721	418,226	0,466

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset da Regularização			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset da Regularização		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
0	-5,770	418,178	0,380	-5,770	417,798	-5,250	418,084	-3,00	418,157	418,241	-0,084	4,200	418,115	-3,00	4,720	417,829	4,720	418,244	0,415
0+8,213	-5,771	418,355	0,511	-5,770	417,844	-5,250	418,115	-0,19	418,229	418,125	0,104	5,250	418,201	1,45	5,770	417,939	5,770	418,353	0,414
0+12,381	-5,771	418,353	0,497	-5,770	417,856	-5,250	418,131	-0,91	418,260	418,179	0,081	5,250	418,230	0,97	5,770	417,965	5,770	418,237	0,272
1	-5,770	418,153	0,277	-5,770	417,876	-5,250	418,160	-2,85	418,182	418,310	-0,128	4,200	418,196	-2,71	4,720	417,912	4,720	418,244	0,332
1+0,591	-5,770	418,152	0,275	-5,770	417,877	-5,250	418,163	-3,00	418,180	418,320	-0,140	4,200	418,194	-3,00	4,720	417,908	4,720	418,226	0,318