

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
0	23,8069	437,223	1,023	21,2500	436,200	21,2500	436,200	0,00	436,109	436,200	-0,091	21,2500	436,200	0,00	21,2500	436,200	21,7971	436,419	0,219
1	35,7090	441,984	5,784	21,2500	436,200	21,2500	436,200	0,00	436,477	436,200	0,277	21,2500	436,200	0,00	21,2500	436,200	27,5694	438,728	2,528
2	35,8614	442,045	5,845	21,2500	436,200	21,2500	436,200	0,00	436,791	436,200	0,591	21,2500	436,200	0,00	21,2500	436,200	29,2356	439,394	3,194
3	33,5124	441,105	4,905	21,2500	436,200	21,2500	436,200	0,00	437,141	436,200	0,941	21,2500	436,200	0,00	21,2500	436,200	32,6497	440,760	4,560
3+17,604	32,9917	440,897	4,697	21,2500	436,200	21,2500	436,200	0,00	437,030	436,200	0,830	21,2500	436,200	0,00	21,2500	436,200	30,4897	439,896	3,696
4	32,9937	440,897	4,697	21,2500	436,200	21,2500	436,200	0,00	436,985	436,200	0,785	21,2500	436,200	0,00	21,2500	436,200	31,5963	440,338	4,138
5	32,7591	440,804	4,604	21,2500	436,200	21,2500	436,200	0,00	437,138	436,200	0,938	21,2500	436,200	0,00	21,2500	436,200	36,7293	442,392	6,192
6	21,6914	436,377	0,177	21,2500	436,200	21,2500	436,200	0,00	437,746	436,200	1,546	21,2500	436,200	0,00	21,2500	436,200	33,5739	441,130	4,930
6+9,665	22,4901	436,696	0,496	21,2500	436,200	21,2500	436,200	0,00	437,324	436,200	1,124	21,2500	436,200	0,00	21,2500	436,200	35,0292	441,712	5,512
7	21,7977	436,419	0,219	21,2500	436,200	21,2500	436,200	0,00	437,716	436,200	1,516	21,2500	436,200	0,00	21,2500	436,200	24,9332	437,673	1,473
8	21,8423	436,437	0,237	21,2500	436,200	21,2500	436,200	0,00	438,300	436,200	2,100	21,2500	436,200	0,00	21,2500	436,200	25,0979	437,739	1,539
9	28,1683	438,967	2,767	21,2500	436,200	21,2500	436,200	0,00	437,527	436,200	1,327	21,2500	436,200	0,00	21,2500	436,200	21,7021	436,019	-0,181
9+8,360	27,1866	438,575	2,375	21,2500	436,200	21,2500	436,200	0,00	437,644	436,200	1,444	21,2500	436,200	0,00	21,2500	436,200	26,1280	438,151	1,951
10	31,7166	440,387	4,187	21,2500	436,200	21,2500	436,200	0,00	437,649	436,200	1,449	21,2500	436,200	0,00	21,2500	436,200	23,1337	436,954	0,754
11	26,7316	438,393	2,193	21,2500	436,200	21,2500	436,200	0,00	437,717	436,200	1,517	21,2500	436,200	0,00	21,2500	436,200	22,7663	436,806	0,606
12	30,3887	439,855	3,655	21,2500	436,200	21,2500	436,200	0,00	437,894	436,200	1,694	21,2500	436,200	0,00	21,2500	436,200	21,8751	436,450	0,250
13	30,9828	440,093	3,893	21,2500	436,200	21,2500	436,200	0,00	437,648	436,200	1,448	21,2500	436,200	0,00	21,2500	436,200	25,1637	437,766	1,566
14	26,1556	438,162	1,962	21,2500	436,200	21,2500	436,200	0,00	437,976	436,200	1,776	21,2500	436,200	0,00	21,2500	436,200	21,7897	436,416	0,216
15	32,1943	440,578	4,378	21,2500	436,200	21,2500	436,200	0,00	438,149	436,200	1,949	21,2500	436,200	0,00	21,2500	436,200	21,6126	436,345	0,145
16	27,7761	438,810	2,610	21,2500	436,200	21,2500	436,200	0,00	438,098	436,200	1,898	21,2500	436,200	0,00	21,2500	436,200	21,7165	436,387	0,187
16+8,886	25,6816	437,973	1,773	21,2500	436,200	21,2500	436,200	0,00	438,104	436,200	1,904	21,2500	436,200	0,00	21,2500	436,200	23,5646	437,126	0,926
17	28,4051	439,062	2,862	21,2500	436,200	21,2500	436,200	0,00	438,104	436,200	1,904	21,2500	436,200	0,00	21,2500	436,200	22,1961	436,578	0,378
18	28,2284	438,991	2,791	21,2500	436,200	21,2500	436,200	0,00	437,586	436,200	1,386	21,2500	436,200	0,00	21,2500	436,200	25,5441	437,918	1,718
19	24,2471	437,399	1,199	21,2500	436,200	21,2500	436,200	0,00	437,715	436,200	1,515	21,2500	436,200	0,00	21,2500	436,200	21,6004	436,340	0,140
20	23,8777	437,251	1,051	21,2500	436,200	21,2500	436,200	0,00	438,247	436,200	2,047	21,2500	436,200	0,00	21,2500	436,200	34,6458	441,558	5,358
20+11,38	22,8314	436,833	0,633	21,2500	436,200	21,2500	436,200	0,00	438,279	436,200	2,079	21,2500	436,200	0,00	21,2500	436,200	33,5884	441,135	4,935
21	30,6639	439,966	3,766	21,2500	436,200	21,2500	436,200	0,00	437,778	436,200	1,578	21,2500	436,200	0,00	21,2500	436,200	33,8707	441,248	5,048
22	24,6300	437,552	1,352	21,2500	436,200	21,2500	436,200	0,00	437,722	436,200	1,522	21,2500	436,200	0,00	21,2500	436,200	33,4777	441,091	4,891
23	25,4409	437,876	1,676	21,2500	436,200	21,2500	436,200	0,00	436,904	436,200	0,704	21,2500	436,200	0,00	21,2500	436,200	33,6087	441,143	4,943

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
24	32,6922	440,777	4,577	21,2500	436,200	21,2500	436,200	0,00	436,506	436,200	0,306	21,2500	436,200	0,00	21,2500	436,200	23,6217	437,149	0,949
24+0,049	32,9193	440,868	4,668	21,2500	436,200	21,2500	436,200	0,00	436,510	436,200	0,310	21,2500	436,200	0,00	21,2500	436,200	33,2516	441,001	4,801
25	30,4765	439,891	3,691	21,2500	436,200	21,2500	436,200	0,00	437,635	436,200	1,435	21,2500	436,200	0,00	21,2500	436,200	33,8717	441,249	5,049
26	21,9573	436,483	0,283	21,2500	436,200	21,2500	436,200	0,00	437,104	436,200	0,904	21,2500	436,200	0,00	21,2500	436,200	33,9587	441,284	5,084
27	24,0271	437,311	1,111	21,2500	436,200	21,2500	436,200	0,00	436,345	436,200	0,145	21,2500	436,200	0,00	21,2500	436,200	33,8895	441,256	5,056
28	32,7472	440,799	4,599	21,2500	436,200	21,2500	436,200	0,00	437,675	436,200	1,475	21,2500	436,200	0,00	21,2500	436,200	33,4096	441,064	4,864
28+3,972	32,7564	440,803	4,603	21,2500	436,200	21,2500	436,200	0,00	437,933	436,200	1,733	21,2500	436,200	0,00	21,2500	436,200	33,4352	441,074	4,874
29	28,3225	439,029	2,829	21,2500	436,200	21,2500	436,200	0,00	439,427	436,200	3,227	21,2500	436,200	0,00	21,2500	436,200	33,4594	441,084	4,884
30	28,0819	438,933	2,733	21,2500	436,200	21,2500	436,200	0,00	437,216	436,200	1,016	21,2500	436,200	0,00	21,2500	436,200	34,0182	441,307	5,107
30+12,69	24,0353	437,314	1,114	21,2500	436,200	21,2500	436,200	0,00	436,974	436,200	0,774	21,2500	436,200	0,00	21,2500	436,200	33,5989	441,140	4,940
31	25,6305	437,952	1,752	21,2500	436,200	21,2500	436,200	0,00	436,957	436,200	0,757	21,2500	436,200	0,00	21,2500	436,200	33,8137	441,225	5,025
32	22,3840	436,654	0,454	21,2500	436,200	21,2500	436,200	0,00	437,728	436,200	1,528	21,2500	436,200	0,00	21,2500	436,200	26,6417	438,357	2,157
33	27,0870	438,535	2,335	21,2500	436,200	21,2500	436,200	0,00	438,224	436,200	2,024	21,2500	436,200	0,00	21,2500	436,200	33,1941	440,978	4,778
34	25,7974	438,019	1,819	21,2500	436,200	21,2500	436,200	0,00	438,488	436,200	2,288	21,2500	436,200	0,00	21,2500	436,200	24,5129	437,505	1,305
35	30,9124	440,065	3,865	21,2500	436,200	21,2500	436,200	0,00	438,545	436,200	2,345	21,2500	436,200	0,00	21,2500	436,200	21,5905	436,336	0,136
35+17,14	27,3748	438,650	2,450	21,2500	436,200	21,2500	436,200	0,00	438,740	436,200	2,540	21,2500	436,200	0,00	21,2500	436,200	21,5886	436,065	-0,135
36	28,2606	439,004	2,804	21,2500	436,200	21,2500	436,200	0,00	438,878	436,200	2,678	21,2500	436,200	0,00	21,2500	436,200	21,6598	436,036	-0,164
37	33,1253	440,950	4,750	21,2500	436,200	21,2500	436,200	0,00	438,582	436,200	2,382	21,2500	436,200	0,00	21,2500	436,200	25,5678	437,927	1,727
37+14,66	24,1764	437,371	1,171	21,2500	436,200	21,2500	436,200	0,00	438,267	436,200	2,067	21,2500	436,200	0,00	21,2500	436,200	24,2904	437,416	1,216
38	25,1436	437,757	1,557	21,2500	436,200	21,2500	436,200	0,00	438,395	436,200	2,195	21,2500	436,200	0,00	21,2500	436,200	22,6741	436,770	0,570
39	23,9251	437,270	1,070	21,2500	436,200	21,2500	436,200	0,00	438,085	436,200	1,885	21,2500	436,200	0,00	21,2500	436,200	33,7572	441,203	5,003
39+18,74	22,3154	436,626	0,426	21,2500	436,200	21,2500	436,200	0,00	438,155	436,200	1,955	21,2500	436,200	0,00	21,2500	436,200	36,5704	442,328	6,128
40	22,3890	436,656	0,456	21,2500	436,200	21,2500	436,200	0,00	438,171	436,200	1,971	21,2500	436,200	0,00	21,2500	436,200	35,8672	442,047	5,847
41	21,4670	436,287	0,087	21,2500	436,200	21,2500	436,200	0,00	438,480	436,200	2,280	21,2500	436,200	0,00	21,2500	436,200	22,1406	436,556	0,356
42	22,1188	436,548	0,348	21,2500	436,200	21,2500	436,200	0,00	438,753	436,200	2,553	21,2500	436,200	0,00	21,2500	436,200	21,6958	436,378	0,178
43	23,4411	437,076	0,876	21,2500	436,200	21,2500	436,200	0,00	438,912	436,200	2,712	21,2500	436,200	0,00	21,2500	436,200	22,6670	436,767	0,567
44	24,0645	437,326	1,126	21,2500	436,200	21,2500	436,200	0,00	438,570	436,200	2,370	21,2500	436,200	0,00	21,2500	436,200	22,3976	436,659	0,459
45	23,9097	437,264	1,064	21,2500	436,200	21,2500	436,200	0,00	436,609	436,200	0,409	21,2500	436,200	0,00	21,2500	436,200	22,9190	436,868	0,668
46	23,0852	436,934	0,734	21,2500	436,200	21,2500	436,200	0,00	436,858	436,200	0,658	21,2500	436,200	0,00	21,2500	436,200	23,8264	437,231	1,031

	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
Estaca	Distância	Cota	Altura	Distância	Cota	Distância	Cota	%	Terreno	Projeto	Vermelha	Distância	Cota	%	Distância	Cota	Distância	Cota	Altura
47	24,8605	437,644	1,444	21,2500	436,200	21,2500	436,200	0,00	437,237	436,200	1,037	21,2500	436,200	0,00	21,2500	436,200	24,1593	437,364	1,164
48	23,1022	436,941	0,741	21,2500	436,200	21,2500	436,200	0,00	437,429	436,200	1,229	21,2500	436,200	0,00	21,2500	436,200	25,1058	437,742	1,542
49	24,0066	437,303	1,103	21,2500	436,200	21,2500	436,200	0,00	437,144	436,200	0,944	21,2500	436,200	0,00	21,2500	436,200	23,9390	437,276	1,076
49+0,201	24,2150	437,386	1,186	21,2500	436,200	21,2500	436,200	0,00	437,142	436,200	0,942	21,2500	436,200	0,00	21,2500	436,200	23,9245	437,270	1,070
50	24,1064	437,343	1,143	21,2500	436,200	21,2500	436,200	0,00	437,902	436,200	1,702	21,2500	436,200	0,00	21,2500	436,200	22,2546	436,602	0,402
51	21,8305	436,432	0,232	21,2500	436,200	21,2500	436,200	0,00	437,881	436,200	1,681	21,2500	436,200	0,00	21,2500	436,200	21,7919	435,983	-0,217
52	22,8016	436,821	0,621	21,2500	436,200	21,2500	436,200	0,00	438,117	436,200	1,917	21,2500	436,200	0,00	21,2500	436,200	21,7578	435,997	-0,203
53	22,6727	435,631	-0,569	21,2500	436,200	21,2500	436,200	0,00	439,015	436,200	2,815	21,2500	436,200	0,00	21,2500	436,200	33,9749	441,290	5,090
53+1,212	22,6073	435,657	-0,543	21,2500	436,200	21,2500	436,200	0,00	438,888	436,200	2,688	21,2500	436,200	0,00	21,2500	436,200	34,6012	441,540	5,340
54	26,1596	438,164	1,964	21,2500	436,200	21,2500	436,200	0,00	439,518	436,200	3,318	21,2500	436,200	0,00	21,2500	436,200	34,4830	441,493	5,293
55	36,1315	442,153	5,953	21,2500	436,200	21,2500	436,200	0,00	439,083	436,200	2,883	21,2500	436,200	0,00	21,2500	436,200	24,3758	437,450	1,250
55+0,552	35,6499	441,960	5,760	21,2500	436,200	21,2500	436,200	0,00	439,075	436,200	2,875	21,2500	436,200	0,00	21,2500	436,200	24,6304	437,552	1,352
56	36,6403	442,356	6,156	21,2500	436,200	21,2500	436,200	0,00	437,912	436,200	1,712	21,2500	436,200	0,00	21,2500	436,200	21,9293	436,472	0,272
57	25,0053	437,702	1,502	21,2500	436,200	21,2500	436,200	0,00	438,434	436,200	2,234	21,2500	436,200	0,00	21,2500	436,200	21,6708	436,032	-0,168
58	23,2197	436,988	0,788	21,2500	436,200	21,2500	436,200	0,00	437,092	436,200	0,892	21,2500	436,200	0,00	21,2500	436,200	36,5564	442,322	6,122
58+15,22						21,2500	436,200	0,00	437,253	436,200	1,053	21,2500	436,200	0,00	21,2500	436,200	23,4964	437,099	0,899