

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	3,1526	231,204	0,259	3,1500	230,945	3,1500	231,165	-3,00	231,260	231,260	0,000	3,1500	231,165	-3,00	3,1500	230,945	3,1536	231,306	0,361
1	3,1529	231,350	0,288	3,1500	231,062	3,1500	231,282	-3,00	231,303	231,377	-0,074	3,1500	231,282	-3,00	3,1500	231,062	3,1524	231,305	0,243
1+10,114	3,1521	231,333	0,212	3,1500	231,121	3,1500	231,341	-3,00	231,365	231,436	-0,071	3,1500	231,341	-3,00	3,1500	231,121	3,1519	231,310	0,189
2	3,1506	231,238	0,059	3,1500	231,179	3,1500	231,399	-3,00	231,319	231,493	-0,174	3,1500	231,399	-3,00	3,1500	231,179	3,1516	231,342	0,163
2+16,398	3,1504	231,318	0,044	3,1500	231,274	3,1500	231,494	-3,00	231,483	231,589	-0,106	3,1500	231,494	-3,00	3,1500	231,274	3,1526	231,529	0,255
3	3,1508	231,380	0,084	3,1500	231,296	3,1500	231,516	-3,00	231,490	231,610	-0,120	3,1500	231,516	-3,00	3,1500	231,296	3,1524	231,534	0,238
4	3,1504	231,610	0,045	3,1500	231,565	3,1500	231,785	-3,00	231,762	231,880	-0,118	3,1500	231,785	-3,00	3,1500	231,565	3,1528	231,847	0,282
4+3,129	3,1517	231,774	0,167	3,1500	231,607	3,1500	231,827	-3,00	231,788	231,922	-0,134	3,1500	231,827	-3,00	3,1500	231,607	3,1526	231,863	0,256
5	3,1517	232,008	0,173	3,1500	231,835	3,1500	232,055	-3,00	232,027	232,149	-0,122	3,1500	232,055	-3,00	3,1500	231,834	3,1516	231,992	0,158
5+6,277	3,1526	232,177	0,258	3,1500	231,919	3,1500	232,139	-3,00	232,155	232,234	-0,079	3,1500	232,139	-3,00	3,1500	231,919	3,1522	232,137	0,218
5+19,524	3,1527	232,366	0,268	3,1500	232,098	3,1500	232,318	-3,00	232,503	232,412	0,091	3,1500	232,318	-3,00	3,1500	232,098	3,1524	232,333	0,235
6	3,1526	232,367	0,263	3,1500	232,104	3,1500	232,324	-3,00	232,500	232,419	0,082	3,1500	232,324	-3,00	3,1500	232,104	3,1527	232,370	0,266
6+19,587	3,1519	232,560	0,192	3,1500	232,368	3,1500	232,588	-3,00	232,585	232,682	-0,097	3,1500	232,588	-3,00	3,1500	232,368	3,1516	232,525	0,157
7	3,1519	232,564	0,190	3,1500	232,374	3,1500	232,594	-3,00	232,568	232,688	-0,120	3,1500	232,594	-3,00	3,1500	232,373	3,1510	232,474	0,101
8	3,1521	232,677	0,212	3,1500	232,465	3,1500	232,685	-3,00	232,659	232,780	-0,121	3,1500	232,685	-3,00	3,1500	232,465	3,1507	232,532	0,067
8+4,293	3,1523	232,713	0,228	3,1500	232,485	3,1500	232,705	-3,00	232,662	232,799	-0,137	3,1500	232,705	-3,00	3,1500	232,485	3,1514	232,622	0,137
9	3,1528	232,840	0,283	3,1500	232,557	3,1500	232,777	-3,00	232,795	232,871	-0,076	3,1500	232,777	-3,00	3,1500	232,557	3,1514	232,694	0,137
9+7,051	3,1528	232,873	0,284	3,1500	232,589	3,1500	232,809	-3,00	232,864	232,904	-0,040	3,1500	232,809	-3,00	3,1500	232,589	3,1512	232,705	0,116
10	3,1529	232,936	0,287	3,1500	232,649	3,1500	232,869	-3,00	232,844	232,963	-0,119	3,1500	232,869	-3,00	3,1500	232,649	3,1513	232,777	0,128
11	3,1525	232,921	0,253	3,1500	232,668	3,1500	232,888	-3,00	232,844	232,983	-0,139	3,1500	232,888	-3,00	3,1500	232,668	3,1510	232,769	0,101
12	3,1530	232,991	0,303	3,1500	232,688	3,1500	232,908	-3,00	232,921	233,003	-0,082	3,1500	232,908	-3,00	3,1500	232,688	3,1511	232,796	0,108
12+16,56	3,1528	232,987	0,283	3,1500	232,704	3,1500	232,924	-3,00	232,930	233,019	-0,089	3,1500	232,924	-3,00	3,1500	232,704	3,1514	232,845	0,141
13	3,1529	233,001	0,293	3,1500	232,708	3,1500	232,928	-3,00	232,924	233,022	-0,098	3,1500	232,928	-3,00	3,1500	232,708	3,1515	232,853	0,145
14	3,1524	232,970	0,242	3,1500	232,728	3,1500	232,948	-3,00	232,922	233,042	-0,120	3,1500	232,948	-3,00	3,1500	232,727	3,1508	232,808	0,081
14+0,647	3,1524	232,965	0,239	3,1500	232,726	3,1500	232,946	-3,00	232,921	233,040	-0,119	3,1500	232,946	-3,00	3,1500	232,726	3,1508	232,808	0,082
15	3,1514	232,819	0,138	3,1500	232,681	3,1500	232,901	-3,00	232,843	232,995	-0,152	3,1500	232,901	-3,00	3,1500	232,681	3,1503	232,715	0,034
16	3,1525	232,883	0,249	3,1500	232,634	3,1500	232,854	-3,00	232,732	232,949	-0,217	3,1500	232,854	-3,00	3,1500	232,634	3,2257	232,558	-0,076
17	3,1530	232,882	0,295	3,1500	232,587	3,1500	232,807	-3,00	232,777	232,902	-0,125	3,1500	232,807	-3,00	3,1500	232,587	3,1504	232,632	0,045
18	3,1530	232,842	0,301	3,1500	232,541	3,1500	232,761	-3,00	232,736	232,855	-0,119	3,1500	232,761	-3,00	3,1500	232,540	3,1505	232,591	0,051
19	3,1528	232,656	0,280	3,1500	232,376	3,1500	232,596	-3,00	232,625	232,691	-0,066	3,1500	232,596	-3,00	3,1500	232,376	3,1523	232,602	0,226
20	3,1529	232,501	0,289	3,1500	232,212	3,1500	232,432	-3,00	232,476	232,526	-0,050	3,1500	232,432	-3,00	3,1500	232,211	3,1523	232,439	0,228

	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	
20+6,727	3,1529	232,450	0,294	3,1500	232,156	3,1500	232,376	-3,00	232,420	232,471	-0,051	3,1500	232,376	-3,00	3,1500	232,156	3,1523	232,386	0,230	
21	3,1526	232,311	0,264	3,1500	232,047	3,1500	232,267	-3,00	232,298	232,362	-0,064	3,1500	232,267	-3,00	3,1500	232,047	3,1515	232,193	0,146	
22	3,1529	232,168	0,285	3,1500	231,883	3,1500	232,103	-3,00	232,077	232,197	-0,120	3,1500	232,103	-3,00	3,1500	231,882	3,1511	231,988	0,106	
22+10,91	3,1535	232,052	0,349	3,1500	231,703	3,1500	231,922	-3,00	231,995	232,017	-0,022	3,1500	231,922	-3,00	3,1500	231,702	3,1512	231,827	0,125	
23	3,1537	231,920	0,367	3,1500	231,553	3,1500	231,773	-3,00	231,764	231,867	-0,103	3,1500	231,773	-3,00	3,1500	231,552	3,1513	231,684	0,132	
23+17,70	3,1533	231,586	0,326	3,1500	231,260	3,1500	231,480	-3,00	231,377	231,575	-0,198	3,1500	231,480	-3,00	3,1500	231,260	3,1511	231,367	0,107	
24	3,1529	231,511	0,288	3,1500	231,223	3,1500	231,443	-3,00	231,336	231,537	-0,201	3,1500	231,443	-3,00	3,1500	231,222	3,1511	231,332	0,110	
25	3,1517	231,059	0,166	3,1500	230,893	3,1500	231,113	-3,00	230,983	231,207	-0,224	3,1500	231,113	-3,00	3,1500	230,892	3,1507	230,966	0,074	
25+17,66	3,1533	230,935	0,334	3,1500	230,601	3,1500	230,821	-3,00	230,833	230,915	-0,082	3,1500	230,821	-3,00	3,1500	230,601	3,1506	230,657	0,056	
26	3,1534	230,901	0,338	3,1500	230,563	3,1500	230,783	-3,00	230,758	230,877	-0,119	3,1500	230,783	-3,00	3,1500	230,563	3,1506	230,620	0,057	
27	3,1559	230,611	0,592	3,1500	230,019	3,1500	230,239	-3,00	230,298	230,333	-0,035	3,1500	230,239	-3,00	3,1500	230,019	3,1509	230,109	0,090	
27+2,955	3,1527	230,207	0,268	3,1500	229,939	3,1500	230,159	-3,00	230,134	230,253	-0,119	3,1500	230,159	-3,00	3,1500	229,938	3,1514	230,075	0,137	