

	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	
0	3,7370	188,822	0,237	3,5000	188,585	3,5000	188,585	-3,00	188,810	188,690	0,120	3,5000	188,585	-3,00	3,5000	188,585	3,6434	188,728	0,143	
1	3,7811	189,066	0,281	3,5000	188,785	3,5000	188,785	-3,00	189,092	188,890	0,202	3,5000	188,785	-3,00	3,5000	188,785	3,7724	189,057	0,272	
2	3,8441	189,329	0,344	3,5000	188,985	3,5000	188,985	-3,00	189,292	189,090	0,202	3,5000	188,985	-3,00	3,5000	188,985	3,7800	189,265	0,280	
3	3,9737	189,659	0,474	3,5000	189,185	3,5000	189,185	-3,00	189,593	189,290	0,303	3,5000	189,185	-3,00	3,5000	189,185	3,8500	189,535	0,350	
4	4,0343	190,097	0,534	3,5000	189,563	3,5000	189,563	-3,00	189,972	189,668	0,304	3,5000	189,563	-3,00	3,5000	189,563	3,7846	189,848	0,285	
5	4,0648	190,506	0,565	3,5000	189,941	3,5000	189,941	-3,00	190,246	190,046	0,200	3,5000	189,941	-3,00	3,5000	189,941	3,7731	190,214	0,273	
6	4,0480	190,867	0,548	3,5000	190,319	3,5000	190,319	-3,00	190,771	190,424	0,347	3,5000	190,319	-3,00	3,5000	190,319	3,8115	190,630	0,311	
7	3,9681	191,165	0,468	3,5000	190,697	3,5000	190,697	-3,00	191,034	190,802	0,232	3,5000	190,697	-3,00	3,5000	190,697	3,7945	190,992	0,295	
8	3,8226	191,398	0,323	3,5000	191,075	3,5000	191,075	-3,00	191,315	191,180	0,135	3,5000	191,075	-3,00	3,5000	191,075	3,6990	191,274	0,199	
8+1,900	3,8047	191,416	0,305	3,5000	191,111	3,5000	191,111	-3,00	191,347	191,216	0,131	3,5000	191,111	-3,00	3,5000	191,111	3,7050	191,316	0,205	
9	3,9739	191,714	0,474	3,5000	191,240	3,5000	191,240	-3,00	191,703	191,345	0,358	3,5000	191,240	-3,00	3,5000	191,240	3,9558	191,696	0,456	
10	4,1060	191,990	0,606	3,5000	191,384	3,5000	191,384	-3,00	191,788	191,489	0,299	3,5000	191,384	-3,00	3,5000	191,384	3,9347	191,819	0,435	
11	4,2471	192,274	0,747	3,5000	191,527	3,5000	191,527	-3,00	192,146	191,632	0,514	3,5000	191,527	-3,00	3,5000	191,527	3,9963	192,023	0,496	
12	4,1217	192,292	0,622	3,5000	191,670	3,5000	191,670	-3,00	192,277	191,775	0,502	3,5000	191,670	-3,00	3,5000	191,670	4,0354	192,205	0,535	
13	4,1147	192,428	0,615	3,5000	191,813	3,5000	191,813	-3,00	192,385	191,918	0,467	3,5000	191,813	-3,00	3,5000	191,813	4,0362	192,349	0,536	
14	4,2599	192,716	0,760	3,5000	191,956	3,5000	191,956	-3,00	192,646	192,061	0,585	3,5000	191,956	-3,00	3,5000	191,956	4,1062	192,562	0,606	
15	4,0170	192,617	0,517	3,5000	192,100	3,5000	192,100	-3,00	192,655	192,205	0,450	3,5000	192,100	-3,00	3,5000	192,100	3,9999	192,600	0,500	
15+16,25	3,7663	192,482	0,266	3,5000	192,216	3,5000	192,216	-3,00	192,459	192,321	0,138	3,5000	192,216	-3,00	3,5000	192,216	3,7037	192,420	0,204	
16	3,7917	192,489	0,292	3,5000	192,197	3,5000	192,197	-3,00	192,439	192,302	0,137	3,5000	192,197	-3,00	3,5000	192,197	3,7177	192,415	0,218	
17	3,6427	192,239	0,143	3,5000	192,096	3,5000	192,096	-3,00	192,303	192,201	0,102	3,5000	192,096	-3,00	3,5000	192,096	3,8126	192,409	0,313	
17+11,20	3,6436	192,184	0,144	3,5000	192,040	3,5000	192,040	-3,00	192,165	192,145	0,020	3,5000	192,040	-3,00	3,5000	192,040	3,5995	192,140	0,100	
18	3,7821	192,136	0,282	3,5000	191,854	3,5000	191,854	-3,00	192,107	191,959	0,148	3,5000	191,854	-3,00	3,5000	191,854	3,7238	192,078	0,224	
19	3,8572	191,788	0,357	3,5000	191,431	3,5000	191,431	-3,00	191,660	191,536	0,124	3,5000	191,431	-3,00	3,5000	191,431	3,7622	191,693	0,262	
20	3,9101	191,417	0,410	3,5000	191,007	3,5000	191,007	-3,00	191,363	191,112	0,251	3,5000	191,007	-3,00	3,5000	191,007	3,8096	191,317	0,310	
21	3,9324	191,145	0,432	3,5000	190,713	3,5000	190,713	-3,00	191,100	190,818	0,282	3,5000	190,713	-3,00	3,5000	190,713	3,8385	191,052	0,339	
22	4,3346	191,254	0,835	3,5000	190,419	3,5000	190,419	-3,00	191,087	190,524	0,563	3,5000	190,419	-3,00	3,5000	190,419	3,9134	190,832	0,413	
23	3,9773	190,602	0,477	3,5000	190,125	3,5000	190,125	-3,00	190,457	190,230	0,227	3,5000	190,125	-3,00	3,5000	190,125	3,9158	190,541	0,416	
24	4,1202	190,451	0,620	3,5000	189,831	3,5000	189,831	-3,00	190,446	189,936	0,510	3,5000	189,831	-3,00	3,5000	189,831	4,0790	190,410	0,579	
25	4,0111	190,048	0,511	3,5000	189,537	3,5000	189,537	-3,00	190,051	189,642	0,409	3,5000	189,537	-3,00	3,5000	189,537	3,9744	190,011	0,474	
26	3,8840	189,627	0,384	3,5000	189,243	3,5000	189,243	-3,00	189,543	189,348	0,195	3,5000	189,243	-3,00	3,5000	189,243	3,8419	189,585	0,342	
27	3,8517	189,301	0,352	3,5000	188,949	3,5000	188,949	-3,00	189,258	189,054	0,204	3,5000	188,949	-3,00	3,5000	188,949	3,8254	189,274	0,325	

	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	
28	3,8508	189,006	0,351	3,5000	188,655	3,5000	188,655	-3,00	188,974	188,760	0,214	3,5000	188,655	-3,00	3,5000	188,655	3,7825	188,938	0,283	
28+12,00	3,8259	188,805	0,326	3,5000	188,479	3,5000	188,479	-3,00	188,791	188,584	0,207	3,5000	188,479	-3,00	3,5000	188,479	3,8028	188,782	0,303	
29	3,7895	188,717	0,290	3,5000	188,427	3,5000	188,427	-3,00	188,710	188,532	0,178	3,5000	188,427	-3,00	3,5000	188,427	3,7650	188,692	0,265	
30	3,7392	188,536	0,239	3,5000	188,297	3,5000	188,297	-3,00	188,614	188,402	0,212	3,5000	188,297	-3,00	3,5000	188,297	3,8908	188,688	0,391	
30+4,200	3,6650	188,435	0,165	3,5000	188,270	3,5000	188,270	-3,00	188,505	188,375	0,130	3,5000	188,270	-3,00	3,5000	188,270	3,8038	188,574	0,304	
31	3,5247	188,074	0,025	3,5000	188,049	3,5000	188,049	-3,00	188,165	188,154	0,011	3,5000	188,049	-3,00	3,5000	188,049	3,6415	188,191	0,142	
32	3,5401	187,742	-0,027	3,5000	187,769	3,5000	187,769	-3,00	187,825	187,874	-0,049	3,5000	187,769	-3,00	3,5000	187,769	3,6047	187,874	0,105	
33	3,5999	187,588	0,100	3,5000	187,488	3,5000	187,488	-3,00	187,603	187,593	0,010	3,5000	187,488	-3,00	3,5000	187,488	3,5952	187,583	0,095	
34	3,5256	187,234	0,026	3,5000	187,208	3,5000	187,208	-3,00	187,256	187,313	-0,057	3,5000	187,208	-3,00	3,5000	187,208	3,6012	187,309	0,101	
35	3,5877	187,016	0,088	3,5000	186,928	3,5000	186,928	-3,00	187,132	187,033	0,099	3,5000	186,928	-3,00	3,5000	186,928	3,7724	187,200	0,272	
36	3,6045	186,753	0,105	3,5000	186,648	3,5000	186,648	-3,00	186,791	186,753	0,038	3,5000	186,648	-3,00	3,5000	186,648	3,6259	186,774	0,126	
37	3,6995	186,567	0,199	3,5000	186,368	3,5000	186,368	-3,00	186,602	186,473	0,129	3,5000	186,368	-3,00	3,5000	186,368	3,7657	186,634	0,266	
38	3,6553	186,242	0,155	3,5000	186,087	3,5000	186,087	-3,00	186,317	186,192	0,125	3,5000	186,087	-3,00	3,5000	186,087	3,8089	186,396	0,309	
39	3,8648	186,172	0,365	3,5000	185,807	3,5000	185,807	-3,00	186,251	185,912	0,339	3,5000	185,807	-3,00	3,5000	185,807	3,9161	186,223	0,416	
40	3,7938	185,821	0,294	3,5000	185,527	3,5000	185,527	-3,00	185,829	185,632	0,197	3,5000	185,527	-3,00	3,5000	185,527	3,8104	185,837	0,310	
41	3,6974	185,444	0,197	3,5000	185,247	3,5000	185,247	-3,00	185,506	185,352	0,154	3,5000	185,247	-3,00	3,5000	185,247	3,8742	185,621	0,374	
42	3,7071	185,174	0,207	3,5000	184,967	3,5000	184,967	-3,00	185,266	185,072	0,194	3,5000	184,967	-3,00	3,5000	184,967	3,9807	185,448	0,481	
43	3,7108	184,897	0,211	3,5000	184,686	3,5000	184,686	-3,00	184,979	184,791	0,188	3,5000	184,686	-3,00	3,5000	184,686	3,8752	185,061	0,375	
44	3,5587	184,465	0,059	3,5000	184,406	3,5000	184,406	-3,00	184,632	184,511	0,121	3,5000	184,406	-3,00	3,5000	184,406	3,8027	184,709	0,303	
45	3,6651	184,291	0,165	3,5000	184,126	3,5000	184,126	-3,00	184,455	184,231	0,224	3,5000	184,126	-3,00	3,5000	184,126	3,8173	184,443	0,317	
45+16,40	3,7344	184,130	0,234	3,5000	183,896	3,5000	183,896	-3,00	184,247	184,001	0,246	3,5000	183,896	-3,00	3,5000	183,896	3,8185	184,214	0,318	

	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	
0	3,8558	189,443	0,356	3,5000	189,087	3,5000	189,087	-3,00	189,312	189,192	0,120	3,5000	189,087	-3,00	3,5000	189,087	3,5879	189,175	0,088	
1	3,8109	189,532	0,311	3,5000	189,221	3,5000	189,221	-3,00	189,530	189,326	0,204	3,5000	189,221	-3,00	3,5000	189,221	3,7384	189,459	0,238	
2	3,8980	189,753	0,398	3,5000	189,355	3,5000	189,355	-3,00	189,706	189,460	0,246	3,5000	189,355	-3,00	3,5000	189,355	3,7819	189,637	0,282	
3	4,0438	190,034	0,544	3,5000	189,490	3,5000	189,490	-3,00	189,945	189,595	0,350	3,5000	189,490	-3,00	3,5000	189,490	3,8326	189,823	0,333	
4	3,9879	190,348	0,488	3,5000	189,860	3,5000	189,860	-3,00	190,224	189,965	0,259	3,5000	189,860	-3,00	3,5000	189,860	3,7541	190,114	0,254	
5	3,9754	190,706	0,475	3,5000	190,231	3,5000	190,231	-3,00	190,591	190,336	0,255	3,5000	190,231	-3,00	3,5000	190,231	3,8383	190,569	0,338	
6	4,0024	191,103	0,502	3,5000	190,601	3,5000	190,601	-3,00	191,148	190,706	0,442	3,5000	190,601	-3,00	3,5000	190,601	4,0245	191,125	0,524	
7	4,0502	191,522	0,550	3,5000	190,972	3,5000	190,972	-3,00	191,468	191,077	0,391	3,5000	190,972	-3,00	3,5000	190,972	3,9454	191,417	0,445	
8	3,9747	191,818	0,475	3,5000	191,343	3,5000	191,343	-3,00	191,741	191,448	0,293	3,5000	191,343	-3,00	3,5000	191,343	3,8478	191,691	0,348	
8+2,000	3,9688	191,849	0,469	3,5000	191,380	3,5000	191,380	-3,00	191,786	191,485	0,301	3,5000	191,380	-3,00	3,5000	191,380	3,8413	191,721	0,341	
9	4,1643	192,184	0,664	3,5000	191,520	3,5000	191,520	-3,00	192,158	191,625	0,533	3,5000	191,520	-3,00	3,5000	191,520	4,1342	192,154	0,634	
10	4,1837	192,360	0,684	3,5000	191,676	3,5000	191,676	-3,00	192,255	191,781	0,474	3,5000	191,676	-3,00	3,5000	191,676	4,0942	192,270	0,594	
11	4,1834	192,515	0,683	3,5000	191,832	3,5000	191,832	-3,00	192,382	191,937	0,445	3,5000	191,832	-3,00	3,5000	191,832	4,0542	192,386	0,554	
12	4,0832	192,571	0,583	3,5000	191,988	3,5000	191,988	-3,00	192,628	192,093	0,535	3,5000	191,988	-3,00	3,5000	191,988	4,1603	192,648	0,660	
13	3,9751	192,620	0,475	3,5000	192,145	3,5000	192,145	-3,00	192,659	192,250	0,409	3,5000	192,145	-3,00	3,5000	192,145	4,0813	192,726	0,581	
14	3,8707	192,672	0,371	3,5000	192,301	3,5000	192,301	-3,00	192,707	192,406	0,301	3,5000	192,301	-3,00	3,5000	192,301	3,9592	192,760	0,459	
15	3,9859	192,647	0,486	3,5000	192,161	3,5000	192,161	-3,00	192,645	192,266	0,379	3,5000	192,161	-3,00	3,5000	192,161	3,9887	192,650	0,489	
15+16,15	3,8753	192,423	0,375	3,5000	192,048	3,5000	192,048	-3,00	192,454	192,153	0,301	3,5000	192,048	-3,00	3,5000	192,048	3,9606	192,509	0,461	
16	3,8859	192,388	0,386	3,5000	192,002	3,5000	192,002	-3,00	192,458	192,107	0,351	3,5000	192,002	-3,00	3,5000	192,002	4,0523	192,554	0,552	
17	3,8216	192,085	0,322	3,5000	191,763	3,5000	191,763	-3,00	192,140	191,868	0,272	3,5000	191,763	-3,00	3,5000	191,763	3,9539	192,217	0,454	
17+11,70	3,7308	191,854	0,231	3,5000	191,623	3,5000	191,623	-3,00	191,929	191,728	0,201	3,5000	191,623	-3,00	3,5000	191,623	3,8795	192,002	0,379	
18	3,7111	191,699	0,211	3,5000	191,488	3,5000	191,488	-3,00	191,708	191,593	0,115	3,5000	191,488	-3,00	3,5000	191,488	3,9283	191,916	0,428	
19	3,6421	191,305	0,142	3,5000	191,163	3,5000	191,163	-3,00	191,326	191,268	0,058	3,5000	191,163	-3,00	3,5000	191,163	3,8951	191,558	0,395	
20	3,6024	190,939	0,102	3,5000	190,837	3,5000	190,837	-3,00	190,980	190,942	0,038	3,5000	190,837	-3,00	3,5000	190,837	3,7799	191,117	0,280	
21	3,9088	190,921	0,409	3,5000	190,512	3,5000	190,512	-3,00	191,048	190,617	0,431	3,5000	190,512	-3,00	3,5000	190,512	4,0217	191,034	0,522	
22	3,8323	190,519	0,332	3,5000	190,187	3,5000	190,187	-3,00	190,611	190,292	0,319	3,5000	190,187	-3,00	3,5000	190,187	4,0726	190,760	0,573	
23	3,8304	190,192	0,330	3,5000	189,862	3,5000	189,862	-3,00	190,377	189,967	0,410	3,5000	189,862	-3,00	3,5000	189,862	4,1263	190,488	0,626	
24	3,8922	189,929	0,392	3,5000	189,537	3,5000	189,537	-3,00	189,974	189,642	0,332	3,5000	189,537	-3,00	3,5000	189,537	4,0056	190,043	0,506	
25	3,7949	189,506	0,295	3,5000	189,211	3,5000	189,211	-3,00	189,561	189,316	0,245	3,5000	189,211	-3,00	3,5000	189,211	3,9063	189,617	0,406	
26	3,6931	189,079	0,193	3,5000	188,886	3,5000	188,886	-3,00	189,097	188,991	0,106	3,5000	188,886	-3,00	3,5000	188,886	3,9369	189,323	0,437	
27	3,8443	188,905	0,344	3,5000	188,561	3,5000	188,561	-3,00	189,033	188,666	0,367	3,5000	188,561	-3,00	3,5000	188,561	4,0259	189,087	0,526	

	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	
28	3,8646	188,601	0,365	3,5000	188,236	3,5000	188,236	-3,00	188,635	188,341	0,294	3,5000	188,236	-3,00	3,5000	188,236	3,8979	188,634	0,398	
28+12,15	3,8677	188,406	0,368	3,5000	188,038	3,5000	188,038	-3,00	188,443	188,143	0,300	3,5000	188,038	-3,00	3,5000	188,038	3,9437	188,482	0,444	
29	3,7835	188,197	0,284	3,5000	187,913	3,5000	187,913	-3,00	188,309	188,018	0,291	3,5000	187,913	-3,00	3,5000	187,913	3,9768	188,390	0,477	
30	3,7673	187,860	0,267	3,5000	187,593	3,5000	187,593	-3,00	187,933	187,698	0,235	3,5000	187,593	-3,00	3,5000	187,593	3,9025	187,996	0,403	
30+3,450	3,7333	187,771	0,233	3,5000	187,538	3,5000	187,538	-3,00	187,843	187,643	0,200	3,5000	187,538	-3,00	3,5000	187,538	3,8674	187,905	0,367	
31	3,8410	187,613	0,341	3,5000	187,272	3,5000	187,272	-3,00	187,514	187,377	0,137	3,5000	187,272	-3,00	3,5000	187,272	3,8831	187,655	0,383	
32	3,7548	187,206	0,255	3,5000	186,951	3,5000	186,951	-3,00	187,230	187,056	0,174	3,5000	186,951	-3,00	3,5000	186,951	3,8113	187,262	0,311	
33	3,6881	186,818	0,188	3,5000	186,630	3,5000	186,630	-3,00	186,928	186,735	0,193	3,5000	186,630	-3,00	3,5000	186,630	3,7980	186,928	0,298	
34	3,6429	186,451	0,143	3,5000	186,308	3,5000	186,308	-3,00	186,499	186,413	0,086	3,5000	186,308	-3,00	3,5000	186,308	3,8764	186,684	0,376	
35	3,7358	186,223	0,236	3,5000	185,987	3,5000	185,987	-3,00	186,190	186,092	0,098	3,5000	185,987	-3,00	3,5000	185,987	3,8552	186,342	0,355	
36	3,7164	185,881	0,216	3,5000	185,665	3,5000	185,665	-3,00	185,869	185,770	0,099	3,5000	185,665	-3,00	3,5000	185,665	3,8815	186,046	0,381	
37	3,7525	185,698	0,253	3,5000	185,445	3,5000	185,445	-3,00	185,704	185,550	0,154	3,5000	185,445	-3,00	3,5000	185,445	3,7653	185,710	0,265	
38	3,6570	185,381	0,157	3,5000	185,224	3,5000	185,224	-3,00	185,352	185,329	0,023	3,5000	185,224	-3,00	3,5000	185,224	3,7568	185,481	0,257	
39	3,6243	185,127	0,124	3,5000	185,003	3,5000	185,003	-3,00	185,263	185,108	0,155	3,5000	185,003	-3,00	3,5000	185,003	3,6837	185,187	0,184	
40	3,6384	184,920	0,138	3,5000	184,782	3,5000	184,782	-3,00	184,907	184,887	0,020	3,5000	184,782	-3,00	3,5000	184,782	3,7742	185,056	0,274	
41	3,6029	184,664	0,103	3,5000	184,561	3,5000	184,561	-3,00	184,729	184,666	0,063	3,5000	184,561	-3,00	3,5000	184,561	3,7001	184,761	0,200	
42	3,5894	184,430	0,089	3,5000	184,341	3,5000	184,341	-3,00	184,467	184,446	0,021	3,5000	184,341	-3,00	3,5000	184,341	3,6557	184,497	0,156	
43	3,5678	184,188	0,068	3,5000	184,120	3,5000	184,120	-3,00	184,247	184,225	0,022	3,5000	184,120	-3,00	3,5000	184,120	3,6568	184,277	0,157	
44	3,6376	184,037	0,138	3,5000	183,899	3,5000	183,899	-3,00	184,059	184,004	0,055	3,5000	183,899	-3,00	3,5000	183,899	3,6813	184,080	0,181	
45	3,5824	183,760	0,082	3,5000	183,678	3,5000	183,678	-3,00	183,858	183,783	0,075	3,5000	183,678	-3,00	3,5000	183,678	3,7297	183,908	0,230	
45+16,45	3,5197	183,517	0,020	3,5000	183,497	3,5000	183,497	-3,00	183,608	183,602	0,006	3,5000	183,497	-3,00	3,5000	183,497	3,7075	183,704	0,207	

	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	
0	3,3008	191,777	0,301	3,0000	191,476	3,0000	191,476	3,00	191,728	191,386	0,342	3,0000	191,296	-3,00	3,0000	191,296	3,3667	191,663	0,367	
1	3,1967	191,470	0,197	3,0000	191,273	3,0000	191,273	3,00	191,492	191,183	0,309	3,0000	191,093	-3,00	3,0000	191,093	3,4119	191,505	0,412	
1+6,500	3,2026	191,410	0,203	3,0000	191,207	3,0000	191,207	3,00	191,412	191,117	0,295	3,0000	191,027	-3,00	3,0000	191,027	3,3389	191,366	0,339	

	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	
0	3,1846	191,392	0,185	3,0000	191,207	3,0000	191,207	3,00	191,317	191,117	0,200	3,0000	191,027	-3,00	3,0000	191,027	3,2262	191,253	0,226	
1	3,1578	191,165	0,158	3,0000	191,007	3,0000	191,007	3,00	191,097	190,917	0,180	3,0000	190,827	-3,00	3,0000	190,827	3,2043	191,031	0,204	
2	3,1350	190,642	0,135	3,0000	190,507	3,0000	190,507	3,00	190,514	190,417	0,097	3,0000	190,327	-3,00	3,0000	190,327	3,2906	190,618	0,291	
3	3,2131	190,360	0,213	3,0000	190,147	3,0000	190,147	3,00	190,215	190,057	0,158	3,0000	189,967	-3,00	3,0000	189,967	3,2378	190,205	0,238	
4	3,2167	190,004	0,217	3,0000	189,787	3,0000	189,787	3,00	189,858	189,697	0,161	3,0000	189,607	-3,00	3,0000	189,607	3,2156	189,823	0,216	
4+8,000	3,1660	189,732	0,166	3,0000	189,566	3,0000	189,566	3,00	189,696	189,476	0,220	3,0000	189,386	-3,00	3,0000	189,386	3,2732	189,659	0,273	

	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	
0	3,8881	192,547	0,388	3,5000	192,159	3,5000	192,159	3,00	192,502	192,054	0,448	3,5000	191,949	-3,00	3,5000	191,949	4,0075	192,457	0,508	
1	3,7032	192,489	0,203	3,5000	192,286	3,5000	192,286	3,00	192,462	192,181	0,281	3,5000	192,076	-3,00	3,5000	192,076	3,9288	192,505	0,429	
1+6,400	3,6598	192,487	0,160	3,5000	192,327	3,5000	192,327	3,00	192,481	192,222	0,259	3,5000	192,117	-3,00	3,5000	192,117	3,8846	192,502	0,385	

	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	
0	3,5899	192,417	0,090	3,5000	192,327	3,5000	192,327	3,00	192,422	192,222	0,200	3,5000	192,117	-3,00	3,5000	192,117	3,8923	192,509	0,392	
1	3,5223	192,180	-0,015	3,5000	192,195	3,5000	192,195	3,00	192,160	192,090	0,070	3,5000	191,985	-3,00	3,5000	191,985	3,6894	192,174	0,189	
2	3,5885	192,151	0,088	3,5000	192,063	3,5000	192,063	3,00	192,046	191,958	0,088	3,5000	191,853	-3,00	3,5000	191,853	3,7256	192,079	0,226	
3	3,6518	192,115	0,152	3,5000	191,963	3,5000	191,963	3,00	192,135	191,858	0,277	3,5000	191,753	-3,00	3,5000	191,753	3,9032	192,156	0,403	
4	3,5327	191,696	0,033	3,5000	191,663	3,5000	191,663	3,00	191,650	191,558	0,092	3,5000	191,453	-3,00	3,5000	191,453	3,7154	191,668	0,215	
4+7,800	3,6257	191,593	0,126	3,5000	191,467	3,5000	191,467	3,00	191,582	191,362	0,220	3,5000	191,257	-3,00	3,5000	191,257	3,8090	191,566	0,309	

	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	
0	3,9116	191,936	0,412	3,5000	191,524	3,5000	191,524	-3,00	191,990	191,629	0,361	3,5000	191,734	3,00	3,5000	191,734	3,8288	192,063	0,329	
1	3,9416	192,282	0,442	3,5000	191,840	3,5000	191,840	-3,00	192,145	191,945	0,200	3,5000	192,050	3,00	3,5000	192,050	3,6312	192,181	0,131	
1+6,400	3,7697	192,211	0,270	3,5000	191,941	3,5000	191,941	-3,00	192,182	192,046	0,136	3,5000	192,151	3,00	3,5000	192,151	3,5473	192,198	0,047	

	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	
0	3,7001	192,141	0,200	3,5000	191,941	3,5000	191,941	-3,00	192,140	192,046	0,094	3,5000	192,151	3,00	3,5000	192,151	3,5686	192,220	0,069	
1	3,7954	192,136	0,295	3,5000	191,841	3,5000	191,841	-3,00	192,196	191,946	0,250	3,5000	192,051	3,00	3,5000	192,051	3,7218	192,273	0,222	
2	3,8946	192,136	0,395	3,5000	191,741	3,5000	191,741	-3,00	192,131	191,846	0,285	3,5000	191,951	3,00	3,5000	191,951	3,6126	192,064	0,113	
3	3,8776	192,019	0,378	3,5000	191,641	3,5000	191,641	-3,00	192,135	191,746	0,389	3,5000	191,851	3,00	3,5000	191,851	3,6643	192,015	0,164	
4	3,8533	191,814	0,353	3,5000	191,461	3,5000	191,461	-3,00	191,827	191,566	0,261	3,5000	191,671	3,00	3,5000	191,671	3,6450	191,816	0,145	
4+7,700	3,7872	191,666	0,287	3,5000	191,379	3,5000	191,379	-3,00	191,704	191,484	0,220	3,5000	191,589	3,00	3,5000	191,589	3,6176	191,707	0,118	

	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	
0	3,9982	188,436	0,498	3,5000	187,938	3,5000	187,938	-3,00	188,477	188,043	0,434	3,5000	188,148	3,00	3,5000	188,148	3,9292	188,577	0,429	
1	3,8810	188,654	0,381	3,5000	188,273	3,5000	188,273	-3,00	188,705	188,378	0,327	3,5000	188,483	3,00	3,5000	188,483	3,7262	188,709	0,226	
1+6,3	3,8956	188,775	0,396	3,5000	188,379	3,5000	188,379	-3,00	188,801	188,484	0,317	3,5000	188,589	3,00	3,5000	188,589	3,7369	188,826	0,237	

	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	
0	3,8615	188,740	0,361	3,5000	188,379	3,5000	188,379	-3,00	188,784	188,484	0,300	3,5000	188,589	3,00	3,5000	188,589	3,7365	188,826	0,237	
1	4,0299	189,065	0,530	3,5000	188,535	3,5000	188,535	-3,00	188,943	188,640	0,303	3,5000	188,745	3,00	3,5000	188,745	3,6822	188,927	0,182	
2	3,9948	189,186	0,495	3,5000	188,691	3,5000	188,691	-3,00	189,169	188,796	0,373	3,5000	188,901	3,00	3,5000	188,901	3,7426	189,144	0,243	
3	3,9351	189,282	0,435	3,5000	188,847	3,5000	188,847	-3,00	189,280	188,952	0,328	3,5000	189,057	3,00	3,5000	189,057	3,7692	189,326	0,269	
4	3,8659	189,369	0,366	3,5000	189,003	3,5000	189,003	-3,00	189,402	189,108	0,294	3,5000	189,213	3,00	3,5000	189,213	3,7164	189,429	0,216	
4+5,800	3,8194	189,367	0,319	3,5000	189,048	3,5000	189,048	-3,00	189,460	189,153	0,307	3,5000	189,258	3,00	3,5000	189,258	3,8130	189,571	0,313	

	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	
0	3,8572	187,795	0,357	3,5000	187,438	3,5000	187,438	-3,00	187,897	187,543	0,354	3,5000	187,648	3,00	3,5000	187,648	3,8507	187,999	0,351	
1	3,7304	188,227	0,230	3,5000	187,997	3,5000	187,997	-3,00	188,326	188,102	0,224	3,5000	188,207	3,00	3,5000	188,207	3,6880	188,395	0,188	
1+6,200	3,6727	188,343	0,173	3,5000	188,170	3,5000	188,170	-3,00	188,440	188,275	0,165	3,5000	188,380	3,00	3,5000	188,380	3,6561	188,536	0,156	

	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	
0	3,7811	188,451	0,281	3,5000	188,170	3,5000	188,170	-3,00	188,575	188,275	0,300	3,5000	188,380	3,00	3,5000	188,380	3,7919	188,672	0,292	
1	3,8828	188,693	0,383	3,5000	188,310	3,5000	188,310	-3,00	188,626	188,415	0,211	3,5000	188,520	3,00	3,5000	188,520	3,7250	188,745	0,225	
2	3,8448	188,795	0,345	3,5000	188,450	3,5000	188,450	-3,00	188,777	188,555	0,222	3,5000	188,660	3,00	3,5000	188,660	3,6060	188,766	0,106	
3	3,9851	189,075	0,485	3,5000	188,590	3,5000	188,590	-3,00	189,016	188,695	0,321	3,5000	188,800	3,00	3,5000	188,800	3,6618	188,962	0,162	
4	3,9457	189,136	0,446	3,5000	188,690	3,5000	188,690	-3,00	189,053	188,795	0,258	3,5000	188,900	3,00	3,5000	188,900	3,6678	189,068	0,168	
4+4,500	3,9380	189,151	0,438	3,5000	188,713	3,5000	188,713	-3,00	189,069	188,818	0,251	3,5000	188,923	3,00	3,5000	188,923	3,6667	189,090	0,167	

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	3,5231	183,318	0,023	3,5000	183,295	3,5000	183,295	-3,00	183,418	183,400	0,018	3,5000	183,505	3,00	3,5000	183,505	3,5117	183,517	0,012
0+3,500	3,5464	183,408	0,046	3,5000	183,362	3,5000	183,362	-3,00	183,509	183,467	0,042	3,5000	183,572	3,00	3,5000	183,572	3,5383	183,610	0,038
1	3,7316	183,792	0,232	3,5000	183,560	3,5000	183,560	-3,00	183,850	183,665	0,185	3,5000	183,770	3,00	3,5000	183,770	3,6279	183,898	0,128
1+16,650	3,7958	184,057	0,296	3,5000	183,761	3,5000	183,761	-3,00	184,157	183,866	0,291	3,5000	183,971	3,00	3,5000	183,971	3,7855	184,256	0,285
2	3,7746	184,064	0,275	3,5000	183,789	3,5000	183,789	-3,00	184,146	183,894	0,252	3,5000	183,999	3,00	3,5000	183,999	3,7278	184,227	0,228
3	3,8838	184,331	0,384	3,5000	183,947	3,5000	183,947	-3,00	184,375	184,052	0,323	3,5000	184,157	3,00	3,5000	184,157	3,6579	184,315	0,158
4	3,8014	184,407	0,301	3,5000	184,106	3,5000	184,106	-3,00	184,488	184,211	0,277	3,5000	184,316	3,00	3,5000	184,316	3,7497	184,566	0,250
5	3,8178	184,582	0,318	3,5000	184,264	3,5000	184,264	-3,00	184,666	184,369	0,297	3,5000	184,474	3,00	3,5000	184,474	3,7718	184,746	0,272
6	3,8969	184,819	0,397	3,5000	184,422	3,5000	184,422	-3,00	184,813	184,527	0,286	3,5000	184,632	3,00	3,5000	184,632	3,7651	184,897	0,265
6+9,450	3,7883	184,785	0,288	3,5000	184,497	3,5000	184,497	-3,00	184,879	184,602	0,277	3,5000	184,707	3,00	3,5000	184,707	3,7843	184,991	0,284
7	3,7022	184,753	0,202	3,5000	184,551	3,5000	184,551	-3,00	184,843	184,656	0,187	3,5000	184,761	3,00	3,5000	184,761	3,6713	184,932	0,171
8	3,6418	184,556	-0,095	3,5000	184,651	3,5000	184,651	-3,00	184,736	184,756	-0,020	3,5000	184,861	3,00	3,5000	184,861	3,5120	184,849	-0,012
9	3,6295	184,684	0,130	3,5000	184,554	3,5000	184,554	-3,00	184,748	184,659	0,089	3,5000	184,764	3,00	3,5000	184,764	3,5013	184,765	0,001
10	3,6232	184,577	0,123	3,5000	184,454	3,5000	184,454	-3,00	184,712	184,559	0,153	3,5000	184,664	3,00	3,5000	184,664	3,6852	184,849	0,185
11	3,6540	184,507	0,154	3,5000	184,353	3,5000	184,353	-3,00	184,591	184,458	0,133	3,5000	184,563	3,00	3,5000	184,563	3,6426	184,706	0,143
11+2,050	3,6513	184,494	0,151	3,5000	184,343	3,5000	184,343	-3,00	184,609	184,448	0,161	3,5000	184,553	3,00	3,5000	184,553	3,6714	184,724	0,171
12	3,8110	184,476	0,311	3,5000	184,165	3,5000	184,165	-3,00	184,495	184,270	0,225	3,5000	184,375	3,00	3,5000	184,375	3,5893	184,464	0,089
12+17,50	3,8287	184,319	0,329	3,5000	183,990	3,5000	183,990	-3,00	184,414	184,095	0,319	3,5000	184,200	3,00	3,5000	184,200	3,8089	184,509	0,309
13	3,8204	184,292	0,320	3,5000	183,972	3,5000	183,972	-3,00	184,387	184,077	0,310	3,5000	184,182	3,00	3,5000	184,182	3,7996	184,482	0,300
14	3,7601	184,092	0,260	3,5000	183,832	3,5000	183,832	-3,00	184,155	183,937	0,218	3,5000	184,042	3,00	3,5000	184,042	3,7715	184,313	0,271
15	3,7146	183,907	0,215	3,5000	183,692	3,5000	183,692	-3,00	183,998	183,797	0,201	3,5000	183,902	3,00	3,5000	183,902	3,6650	184,067	0,165
16	3,6701	183,722	0,170	3,5000	183,552	3,5000	183,552	-3,00	183,881	183,657	0,224	3,5000	183,762	3,00	3,5000	183,762	3,6316	183,894	0,132
17	3,8165	183,728	0,316	3,5000	183,412	3,5000	183,412	-3,00	183,713	183,517	0,196	3,5000	183,622	3,00	3,5000	183,622	3,5729	183,695	0,073
17+10,80	3,7645	183,601	0,265	3,5000	183,336	3,5000	183,336	-3,00	183,694	183,441	0,253	3,5000	183,546	3,00	3,5000	183,546	3,7403	183,786	0,240
18	3,7895	183,544	0,290	3,5000	183,254	3,5000	183,254	-3,00	183,599	183,359	0,240	3,5000	183,464	3,00	3,5000	183,464	3,6357	183,600	0,136
19	3,8065	183,381	0,307	3,5000	183,074	3,5000	183,074	-3,00	183,479	183,179	0,300	3,5000	183,284	3,00	3,5000	183,284	3,7271	183,511	0,227
20	3,7789	183,173	0,279	3,5000	182,894	3,5000	182,894	-3,00	183,312	182,999	0,313	3,5000	183,104	3,00	3,5000	183,104	3,8489	183,453	0,349
21	3,7028	182,917	0,203	3,5000	182,714	3,5000	182,714	-3,00	183,053	182,819	0,234	3,5000	182,924	3,00	3,5000	182,924	3,7673	183,191	0,267
22	3,8048	182,839	0,305	3,5000	182,534	3,5000	182,534	-3,00	182,912	182,639	0,273	3,5000	182,744	3,00	3,5000	182,744	3,6845	182,929	0,185
22+4,500	3,7455	182,739	0,245	3,5000	182,494	3,5000	182,494	-3,00	182,842	182,599	0,243	3,5000	182,704	3,00	3,5000	182,704	3,6552	182,859	0,155
23	3,8934	182,672	0,393	3,5000	182,279	3,5000	182,279	-3,00	182,586	182,384	0,202	3,5000	182,489	3,00	3,5000	182,489	3,6958	182,685	0,196

	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	
24	3,8532	182,352	0,353	3,5000	181,999	3,5000	181,999	-3,00	182,376	182,104	0,272	3,5000	182,209	3,00	3,5000	182,209	3,6898	182,399	0,190	
24+1,000	3,8501	182,335	0,350	3,5000	181,985	3,5000	181,985	-3,00	182,359	182,090	0,269	3,5000	182,195	3,00	3,5000	182,195	3,6871	182,382	0,187	
25	3,8642	182,057	0,364	3,5000	181,693	3,5000	181,693	-3,00	182,043	181,798	0,245	3,5000	181,903	3,00	3,5000	181,903	3,9109	182,314	0,411	
26	3,8921	181,777	0,392	3,5000	181,385	3,5000	181,385	-3,00	181,911	181,490	0,421	3,5000	181,595	3,00	3,5000	181,595	3,9491	182,044	0,449	
27	3,9232	181,500	0,423	3,5000	181,077	3,5000	181,077	-3,00	181,552	181,182	0,370	3,5000	181,287	3,00	3,5000	181,287	3,9331	181,720	0,433	
28	3,7457	181,015	0,246	3,5000	180,769	3,5000	180,769	-3,00	180,971	180,874	0,097	3,5000	180,979	3,00	3,5000	180,979	3,6921	181,171	0,192	
28+8,500	3,6552	180,793	0,155	3,5000	180,638	3,5000	180,638	-3,00	180,911	180,743	0,168	3,5000	180,848	3,00	3,5000	180,848	3,6835	181,032	0,184	
29	3,7534	180,623	0,253	3,5000	180,370	3,5000	180,370	-3,00	180,744	180,475	0,269	3,5000	180,580	3,00	3,5000	180,580	3,8119	180,892	0,312	
29+16,45	3,9508	180,434	0,451	3,5000	179,983	3,5000	179,983	-3,00	180,303	180,088	0,215	3,5000	180,193	3,00	3,5000	180,193	4,0749	180,768	0,575	
30	3,9629	180,400	0,463	3,5000	179,937	3,5000	179,937	-3,00	180,264	180,042	0,222	3,5000	180,147	3,00	3,5000	180,147	4,0323	180,679	0,532	
31	3,8387	180,042	0,339	3,5000	179,703	3,5000	179,703	-3,00	180,042	179,808	0,234	3,5000	179,913	3,00	3,5000	179,913	3,6615	180,075	0,162	
32	3,6728	179,642	0,173	3,5000	179,469	3,5000	179,469	-3,00	179,765	179,574	0,191	3,5000	179,679	3,00	3,5000	179,679	3,5165	179,695	0,016	
33	3,6772	179,412	0,177	3,5000	179,235	3,5000	179,235	-3,00	179,572	179,340	0,232	3,5000	179,445	3,00	3,5000	179,445	3,5075	179,452	0,007	
34	3,7366	179,238	0,237	3,5000	179,001	3,5000	179,001	-3,00	179,254	179,106	0,148	3,5000	179,211	3,00	3,5000	179,211	3,5499	179,261	0,050	
34+1,450	3,7374	179,221	0,237	3,5000	178,984	3,5000	178,984	-3,00	179,228	179,089	0,139	3,5000	179,194	3,00	3,5000	179,194	3,5367	179,231	0,037	

	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	
0	3,5460	180,929	0,046	3,5000	180,883	3,5000	180,883	3,00	180,928	180,778	0,150	3,5000	180,673	-3,00	3,5000	180,673	3,7426	180,916	0,243	
1	3,6232	180,349	0,123	3,5000	180,226	3,5000	180,226	3,00	180,271	180,121	0,150	3,5000	180,016	-3,00	3,5000	180,016	3,8366	180,353	0,337	
2	3,5767	179,876	0,077	3,5000	179,799	3,5000	179,799	3,00	179,924	179,694	0,230	3,5000	179,589	-3,00	3,5000	179,589	3,8868	179,976	0,387	
3	3,5091	179,382	0,009	3,5000	179,373	3,5000	179,373	3,00	179,408	179,268	0,140	3,5000	179,163	-3,00	3,5000	179,163	3,7566	179,420	0,257	
4	3,5768	179,023	0,077	3,5000	178,946	3,5000	178,946	3,00	179,052	178,841	0,211	3,5000	178,736	-3,00	3,5000	178,736	3,7631	178,999	0,263	
4+16,000	3,7669	178,872	0,267	3,5000	178,605	3,5000	178,605	3,00	178,826	178,500	0,326	3,5000	178,395	-3,00	3,5000	178,395	3,8696	178,765	0,370	
5	3,7712	178,789	0,271	3,5000	178,518	3,5000	178,518	3,00	178,779	178,413	0,366	3,5000	178,308	-3,00	3,5000	178,308	3,9239	178,732	0,424	
6	3,7099	178,292	0,210	3,5000	178,082	3,5000	178,082	3,00	178,249	177,977	0,272	3,5000	177,872	-3,00	3,5000	177,872	3,7482	178,120	0,248	
6+14,050	3,5858	177,862	0,086	3,5000	177,776	3,5000	177,776	3,00	177,871	177,671	0,200	3,5000	177,566	-3,00	3,5000	177,566	3,8097	177,876	0,310	

	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	
0	3,6438	186,389	0,144	3,5000	186,245	3,5000	186,245	3,00	186,310	186,140	0,170	3,5000	186,035	-3,00	3,5000	186,035	3,7228	186,258	0,223	
1	3,8137	186,479	0,314	3,5000	186,165	3,5000	186,165	3,00	186,368	186,060	0,308	3,5000	185,955	-3,00	3,5000	185,955	3,8690	186,324	0,369	
2	3,9671	186,552	0,467	3,5000	186,085	3,5000	186,085	3,00	186,432	185,980	0,452	3,5000	185,875	-3,00	3,5000	185,875	3,9727	186,348	0,473	
3	3,8681	186,373	0,368	3,5000	186,005	3,5000	186,005	3,00	186,310	185,900	0,410	3,5000	185,795	-3,00	3,5000	185,795	4,0701	186,365	0,570	
4	3,9844	186,409	0,484	3,5000	185,925	3,5000	185,925	3,00	186,369	185,820	0,549	3,5000	185,715	-3,00	3,5000	185,715	4,1130	186,328	0,613	
5	3,8610	186,206	0,361	3,5000	185,845	3,5000	185,845	3,00	186,123	185,740	0,383	3,5000	185,635	-3,00	3,5000	185,635	3,9573	186,092	0,457	
6	3,7504	186,015	0,250	3,5000	185,765	3,5000	185,765	3,00	186,019	185,660	0,359	3,5000	185,555	-3,00	3,5000	185,555	3,9432	185,998	0,443	
7	3,8307	186,016	0,331	3,5000	185,685	3,5000	185,685	3,00	185,970	185,580	0,390	3,5000	185,475	-3,00	3,5000	185,475	3,9483	185,923	0,448	
8	3,7096	185,815	0,210	3,5000	185,605	3,5000	185,605	3,00	185,769	185,500	0,269	3,5000	185,395	-3,00	3,5000	185,395	3,9446	185,840	0,445	
9	3,7110	185,736	0,211	3,5000	185,525	3,5000	185,525	3,00	185,645	185,420	0,225	3,5000	185,315	-3,00	3,5000	185,315	4,1081	185,923	0,608	
9+6,100	3,7532	185,754	0,253	3,5000	185,501	3,5000	185,501	3,00	185,669	185,396	0,273	3,5000	185,291	-3,00	3,5000	185,291	4,1540	185,945	0,654	
10	3,8805	185,840	0,381	3,5000	185,459	3,5000	185,459	3,00	185,718	185,354	0,364	3,5000	185,249	-3,00	3,5000	185,249	4,0700	185,819	0,570	
11	3,8030	185,702	0,303	3,5000	185,399	3,5000	185,399	3,00	185,612	185,294	0,318	3,5000	185,189	-3,00	3,5000	185,189	3,9480	185,637	0,448	
12	3,7268	185,566	0,227	3,5000	185,339	3,5000	185,339	3,00	185,601	185,234	0,367	3,5000	185,129	-3,00	3,5000	185,129	4,0110	185,640	0,511	
12+10,90	3,8252	185,631	0,325	3,5000	185,306	3,5000	185,306	3,00	185,547	185,201	0,346	3,5000	185,096	-3,00	3,5000	185,096	3,9500	185,546	0,450	

	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	
0	3,6183	187,035	0,118	3,5000	186,917	3,5000	186,917	3,00	186,962	186,812	0,150	3,5000	186,707	-3,00	3,5000	186,707	3,6839	186,891	0,184	
1	3,8307	187,499	0,331	3,5000	187,168	3,5000	187,168	3,00	187,483	187,063	0,420	3,5000	186,958	-3,00	3,5000	186,958	3,8678	187,326	0,368	
2	3,6189	187,167	0,119	3,5000	187,048	3,5000	187,048	3,00	187,070	186,943	0,127	3,5000	186,838	-3,00	3,5000	186,838	3,7725	187,110	0,272	
3	3,6155	187,045	0,116	3,5000	186,929	3,5000	186,929	3,00	187,081	186,824	0,257	3,5000	186,719	-3,00	3,5000	186,719	3,8196	187,039	0,320	
4	3,6332	186,942	0,133	3,5000	186,809	3,5000	186,809	3,00	186,979	186,704	0,275	3,5000	186,599	-3,00	3,5000	186,599	3,7781	186,877	0,278	
5	3,5875	186,777	0,088	3,5000	186,689	3,5000	186,689	3,00	186,724	186,584	0,140	3,5000	186,479	-3,00	3,5000	186,479	3,6673	186,646	0,167	
6	3,7001	186,769	0,200	3,5000	186,569	3,5000	186,569	3,00	186,723	186,464	0,259	3,5000	186,359	-3,00	3,5000	186,359	3,8043	186,663	0,304	
7	3,6715	186,621	0,171	3,5000	186,450	3,5000	186,450	3,00	186,601	186,345	0,256	3,5000	186,240	-3,00	3,5000	186,240	3,7896	186,530	0,290	
8	3,7401	186,570	0,240	3,5000	186,330	3,5000	186,330	3,00	186,550	186,225	0,325	3,5000	186,120	-3,00	3,5000	186,120	3,8148	186,435	0,315	
9	3,8163	186,526	0,316	3,5000	186,210	3,5000	186,210	3,00	186,445	186,105	0,340	3,5000	186,000	-3,00	3,5000	186,000	3,8635	186,363	0,363	
10	3,6665	186,257	0,167	3,5000	186,090	3,5000	186,090	3,00	186,341	185,985	0,356	3,5000	185,880	-3,00	3,5000	185,880	3,9769	186,357	0,477	
11	3,5414	186,012	0,041	3,5000	185,971	3,5000	185,971	3,00	185,982	185,866	0,116	3,5000	185,761	-3,00	3,5000	185,761	3,6896	185,951	0,190	
11+0,200	3,5392	186,008	0,039	3,5000	185,969	3,5000	185,969	3,00	185,978	185,864	0,114	3,5000	185,759	-3,00	3,5000	185,759	3,6873	185,946	0,187	
12	3,6750	186,026	0,175	3,5000	185,851	3,5000	185,851	3,00	186,007	185,746	0,261	3,5000	185,641	-3,00	3,5000	185,641	3,9088	186,050	0,409	
12+11,00	3,7252	186,010	0,225	3,5000	185,785	3,5000	185,785	3,00	185,943	185,680	0,263	3,5000	185,575	-3,00	3,5000	185,575	3,8413	185,916	0,341	

	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	
0	3,9000	186,105	0,400	3,5000	185,705	3,5000	185,705	-3,00	185,987	185,810	0,177	3,5000	185,915	3,00	3,5000	185,915	3,6201	186,035	0,120	
0+6,500	3,7855	185,881	0,286	3,5000	185,595	3,5000	185,595	-3,00	185,958	185,700	0,258	3,5000	185,805	3,00	3,5000	185,805	3,6376	185,943	0,138	
1	3,8109	185,677	0,311	3,5000	185,366	3,5000	185,366	-3,00	185,616	185,471	0,145	3,5000	185,576	3,00	3,5000	185,576	3,6605	185,736	0,160	
1+16,000	3,9125	185,507	0,412	3,5000	185,095	3,5000	185,095	-3,00	185,502	185,200	0,302	3,5000	185,305	3,00	3,5000	185,305	3,7461	185,551	0,246	
2	3,9595	185,497	0,459	3,5000	185,038	3,5000	185,038	-3,00	185,401	185,143	0,258	3,5000	185,248	3,00	3,5000	185,248	3,8095	185,558	0,310	
3	3,7620	185,013	0,262	3,5000	184,751	3,5000	184,751	-3,00	185,026	184,856	0,170	3,5000	184,961	3,00	3,5000	184,961	3,6838	185,145	0,184	
4	3,8023	184,767	0,302	3,5000	184,465	3,5000	184,465	-3,00	184,706	184,570	0,136	3,5000	184,675	3,00	3,5000	184,675	3,6417	184,817	0,142	
5	3,8439	184,522	0,344	3,5000	184,178	3,5000	184,178	-3,00	184,376	184,283	0,093	3,5000	184,388	3,00	3,5000	184,388	3,6045	184,493	0,105	
6	3,6923	184,084	0,192	3,5000	183,892	3,5000	183,892	-3,00	184,139	183,997	0,142	3,5000	184,102	3,00	3,5000	184,102	3,6322	184,234	0,132	
6+12,100	3,8020	184,021	0,302	3,5000	183,719	3,5000	183,719	-3,00	184,074	183,824	0,250	3,5000	183,929	3,00	3,5000	183,929	3,6928	184,122	0,193	
7	3,8926	183,973	0,393	3,5000	183,580	3,5000	183,580	-3,00	183,980	183,685	0,295	3,5000	183,790	3,00	3,5000	183,790	3,7019	183,992	0,202	
8	3,8862	183,614	0,386	3,5000	183,228	3,5000	183,228	-3,00	183,581	183,333	0,248	3,5000	183,438	3,00	3,5000	183,438	3,7350	183,673	0,235	
9	3,8094	183,185	0,309	3,5000	182,876	3,5000	182,876	-3,00	183,180	182,981	0,199	3,5000	183,086	3,00	3,5000	183,086	3,6825	183,268	0,182	
10	3,7796	182,804	0,280	3,5000	182,524	3,5000	182,524	-3,00	182,862	182,629	0,233	3,5000	182,734	3,00	3,5000	182,734	3,7069	182,941	0,207	
11	3,7890	182,461	0,289	3,5000	182,172	3,5000	182,172	-3,00	182,519	182,277	0,242	3,5000	182,382	3,00	3,5000	182,382	3,7575	182,639	0,257	
12	3,7403	182,060	0,240	3,5000	181,820	3,5000	181,820	-3,00	182,124	181,925	0,199	3,5000	182,030	3,00	3,5000	182,030	3,7137	182,244	0,214	
13	4,0573	182,036	0,557	3,5000	181,479	3,5000	181,479	-3,00	182,048	181,584	0,464	3,5000	181,689	3,00	3,5000	181,689	3,8705	182,059	0,370	
14	3,6585	181,297	0,158	3,5000	181,139	3,5000	181,139	-3,00	181,382	181,244	0,138	3,5000	181,349	3,00	3,5000	181,349	3,6135	181,463	0,114	
14+6,550	3,7092	181,237	0,209	3,5000	181,028	3,5000	181,028	-3,00	181,251	181,133	0,118	3,5000	181,238	3,00	3,5000	181,238	3,5632	181,301	0,063	