

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	3,706	15,647	0,256	3,450	15,391	1,950	15,591	-3,50	15,674	15,659	0,015	1,950	15,591	-3,50	3,450	15,391	3,682	15,623	0,232
24+14,75	6,234	15,574	0,034	6,200	15,540	1,950	15,513	-3,50	15,523	15,581	-0,058	1,950	15,513	-3,50	6,200	15,540	6,307	15,647	0,107
25	6,292	15,592	0,092	6,200	15,500	1,950	15,473	-3,50	15,506	15,541	-0,035	1,950	15,473	-3,50	6,200	15,500	6,352	15,652	0,152
26	6,222	15,305	0,022	6,200	15,283	1,950	15,256	-3,50	15,327	15,324	0,003	1,950	15,256	-3,50	6,200	15,283	6,290	15,373	0,090
26+5,000	6,264	15,171	-0,042	6,200	15,213	1,950	15,186	-3,50	15,244	15,254	-0,010	1,950	15,186	-3,50	6,200	15,213	6,242	15,255	0,042
26+11,66	6,387	14,992	-0,124	6,200	15,116	1,950	15,089	-3,50	15,134	15,157	-0,023	1,950	15,089	-3,50	6,200	15,116	6,212	15,108	-0,008
27	6,504	14,793	-0,202	6,200	14,995	1,950	14,968	-3,50	14,972	15,036	-0,064	1,950	14,968	-3,50	6,200	14,995	6,406	14,858	-0,137
27+5,000	6,564	14,679	-0,243	6,200	14,922	1,950	14,895	-3,50	14,869	14,963	-0,094	1,950	14,895	-3,50	6,200	14,922	6,639	14,630	-0,292
28	7,174	14,093	-0,649	6,200	14,742	1,950	14,715	-3,50	14,693	14,783	-0,090	1,950	14,715	-3,50	6,200	14,742	6,863	14,300	-0,442
29	6,873	14,170	-0,448	6,200	14,618	1,950	14,591	-3,50	14,595	14,659	-0,064	1,950	14,591	-3,50	6,200	14,618	6,575	14,368	-0,250
29+15,00	6,593	14,351	-0,262	6,200	14,613	1,950	14,586	-3,50	14,675	14,654	0,021	1,950	14,586	-3,50	6,200	14,613	6,525	14,396	-0,217
30	6,673	14,308	-0,315	6,200	14,623	1,950	14,596	-3,50	14,696	14,664	0,032	1,950	14,596	-3,50	6,200	14,623	6,483	14,434	-0,189
31	6,708	14,327	-0,339	6,200	14,666	1,950	14,639	-3,50	14,713	14,707	0,006	1,950	14,639	-3,50	6,200	14,666	6,275	14,616	-0,050
31+5,223	6,659	14,372	-0,306	6,200	14,678	1,950	14,651	-3,50	14,705	14,719	-0,014	1,950	14,651	-3,50	6,200	14,678	6,264	14,635	-0,043
31+18,00	6,558	14,472	-0,239	6,200	14,711	1,950	14,684	-3,50	14,686	14,752	-0,066	1,950	14,684	-3,50	6,200	14,711	6,205	14,716	0,005
32	6,547	14,486	-0,231	6,200	14,717	1,950	14,690	-3,50	14,687	14,758	-0,071	1,950	14,690	-3,50	6,200	14,717	6,221	14,738	0,021
33	4,132	14,877	0,382	3,750	14,495	3,750	14,495	-3,50	14,878	14,626	0,252	3,750	14,495	-3,50	3,750	14,495	4,291	15,036	0,541
34	4,265	15,086	0,515	3,750	14,571	3,750	14,571	-3,50	15,130	14,702	0,428	3,750	14,571	-3,50	3,750	14,571	4,344	15,165	0,594
34+0,865	4,265	15,089	0,515	3,750	14,574	3,750	14,574	-3,50	15,142	14,705	0,437	3,750	14,574	-3,50	3,750	14,574	4,334	15,158	0,584
35	4,210	15,098	0,460	3,750	14,638	3,750	14,638	-3,50	15,220	14,769	0,451	3,750	14,638	-3,50	3,750	14,638	4,153	15,041	0,403
35+7,104	4,209	15,116	0,459	3,750	14,657	3,750	14,657	-3,50	15,246	14,788	0,458	3,750	14,657	-3,50	3,750	14,657	4,082	14,989	0,332
36	4,250	15,185	0,500	3,750	14,685	3,750	14,685	-3,50	15,227	14,816	0,411	3,750	14,685	-3,50	3,750	14,685	3,990	14,925	0,240
36+4,894	4,236	15,180	0,486	3,750	14,694	3,750	14,694	-3,50	15,214	14,825	0,389	3,750	14,694	-3,50	3,750	14,694	4,000	14,944	0,250
36+10,86	4,208	15,161	0,458	3,750	14,703	3,750	14,703	-3,50	15,206	14,834	0,372	3,750	14,703	-3,50	3,750	14,703	4,012	14,965	0,262
36+16,35	4,206	15,167	0,456	3,750	14,711	3,750	14,711	-3,50	15,211	14,842	0,369	3,750	14,711	-3,50	3,750	14,711	4,026	14,986	0,275
37	4,211	15,177	0,461	3,750	14,716	3,750	14,716	-3,50	15,207	14,847	0,360	3,750	14,716	-3,50	3,750	14,716	4,044	15,010	0,294
38	4,255	15,248	0,505	3,750	14,743	3,750	14,743	-3,50	15,169	14,874	0,295	3,750	14,743	-3,50	3,750	14,743	4,133	15,126	0,383
38+15,52	4,152	15,166	0,402	3,750	14,764	3,750	14,764	-3,50	15,064	14,895	0,169	3,750	14,764	-3,50	3,750	14,764	4,150	15,164	0,400
39	4,121	15,142	0,371	3,750	14,771	3,750	14,771	-3,50	15,069	14,902	0,167	3,750	14,771	-3,50	3,750	14,771	4,160	15,181	0,410
39+3,317	6,324	15,190	0,124	6,200	15,066	1,950	15,039	-3,50	15,099	15,107	-0,008	1,950	15,039	-3,50	6,200	15,066	6,338	15,204	0,138
40	6,298	15,191	0,098	6,200	15,093	1,950	15,066	-3,50	15,120	15,134	-0,014	1,950	15,066	-3,50	6,200	15,093	6,428	14,941	-0,152

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
40+8,466	6,231	15,088	-0,021	6,200	15,109	1,950	15,082	-3,50	15,095	15,150	-0,055	1,950	15,082	-3,50	6,200	15,109	6,530	14,889	-0,220
41	6,313	15,058	-0,075	6,200	15,133	1,950	15,106	-3,50	15,125	15,174	-0,049	1,950	15,106	-3,50	6,200	15,133	6,593	14,871	-0,262
42	6,208	15,189	0,008	6,200	15,181	1,950	15,154	-3,50	15,164	15,222	-0,058	1,950	15,154	-3,50	6,200	15,181	6,598	14,916	-0,265
42+15,52	6,289	15,312	0,089	6,200	15,223	1,950	15,196	-3,50	15,184	15,264	-0,080	1,950	15,196	-3,50	6,200	15,223	6,251	15,274	0,051
43	6,303	15,338	0,103	6,200	15,235	1,950	15,208	-3,50	15,190	15,276	-0,086	1,950	15,208	-3,50	6,200	15,235	6,273	15,308	0,073
44	6,444	15,536	0,244	6,200	15,292	1,950	15,265	-3,50	15,358	15,333	0,025	1,950	15,265	-3,50	6,200	15,292	6,387	15,479	0,187
44+3,619	6,443	15,545	0,243	6,200	15,302	1,950	15,275	-3,50	15,392	15,343	0,049	1,950	15,275	-3,50	6,200	15,302	6,434	15,536	0,234
45	6,550	15,624	0,350	6,200	15,274	1,950	15,247	-3,50	15,428	15,315	0,113	1,950	15,247	-3,50	6,200	15,274	6,340	15,414	0,140
45+7,292	6,567	15,579	0,367	6,200	15,212	1,950	15,185	-3,50	15,364	15,253	0,111	1,950	15,185	-3,50	6,200	15,212	6,280	15,292	0,080
46	6,580	15,415	0,380	6,200	15,035	1,950	15,008	-3,50	15,084	15,076	0,008	1,950	15,008	-3,50	6,200	15,035	6,254	15,089	0,054
46+3,619	6,510	15,277	0,310	6,200	14,967	1,950	14,940	-3,50	15,001	15,008	-0,007	1,950	14,940	-3,50	6,200	14,967	6,278	15,045	0,078
46+7,076	6,444	15,144	0,244	6,200	14,900	1,950	14,873	-3,50	14,920	14,941	-0,021	1,950	14,873	-3,50	6,200	14,900	6,303	15,003	0,103
47	6,377	14,824	0,177	6,200	14,647	1,950	14,620	-3,50	14,677	14,688	-0,011	1,950	14,620	-3,50	6,200	14,647	6,352	14,799	0,152
48	6,260	14,389	0,060	6,200	14,329	1,950	14,302	-3,50	14,339	14,370	-0,031	1,950	14,302	-3,50	6,200	14,329	6,228	14,357	0,028
48+10,00	6,333	14,139	-0,088	6,200	14,227	1,950	14,200	-3,50	14,178	14,268	-0,090	1,950	14,200	-3,50	6,200	14,227	6,429	14,074	-0,153
49	6,659	13,844	-0,306	6,200	14,150	1,950	14,123	-3,50	14,071	14,191	-0,120	1,950	14,123	-3,50	6,200	14,150	6,588	13,891	-0,259
49+8,771	6,481	13,905	-0,188	6,200	14,093	1,950	14,066	-3,50	14,082	14,134	-0,052	1,950	14,066	-3,50	6,200	14,093	6,671	13,779	-0,314
49+14,32	6,431	13,909	-0,154	6,200	14,063	1,950	14,036	-3,50	14,042	14,104	-0,062	1,950	14,036	-3,50	6,200	14,063	6,726	13,713	-0,350
50	7,234	13,346	-0,690	6,200	14,036	1,950	14,009	-3,50	14,016	14,077	-0,061	1,950	14,009	-3,50	6,200	14,036	7,117	13,425	-0,611
51	6,693	13,647	-0,329	6,200	13,976	1,950	13,949	-3,50	13,967	14,017	-0,050	1,950	13,949	-3,50	6,200	13,976	6,274	13,927	-0,049
52	6,731	13,588	-0,354	6,200	13,942	1,950	13,915	-3,50	13,938	13,983	-0,045	1,950	13,915	-3,50	6,200	13,942	6,213	13,934	-0,008
52+10,00	6,812	13,518	-0,408	6,200	13,926	1,950	13,899	-3,50	13,943	13,967	-0,024	1,950	13,899	-3,50	6,200	13,926	6,245	13,971	0,045
53	6,903	13,451	-0,468	6,200	13,919	1,950	13,892	-3,50	13,941	13,960	-0,019	1,950	13,892	-3,50	6,200	13,919	6,418	14,137	0,218
53+18,79	6,407	14,164	0,207	6,200	13,957	1,950	13,930	-3,50	14,034	13,998	0,036	1,950	13,930	-3,50	6,200	13,957	6,477	14,234	0,277
54	6,471	14,233	0,271	6,200	13,962	1,950	13,935	-3,50	14,039	14,003	0,036	1,950	13,935	-3,50	6,200	13,962	6,475	14,237	0,275
54+10,00	6,508	14,320	0,308	6,200	14,012	1,950	13,985	-3,50	14,105	14,053	0,052	1,950	13,985	-3,50	6,200	14,012	6,548	14,360	0,348
54+18,81	6,384	14,278	0,184	6,200	14,094	1,950	14,067	-3,50	14,186	14,135	0,051	1,950	14,067	-3,50	6,200	14,094	6,796	14,690	0,596
55	6,396	14,306	0,196	6,200	14,110	1,950	14,083	-3,50	14,199	14,151	0,048	1,950	14,083	-3,50	6,200	14,110	6,824	14,734	0,624
55+10,00	3,684	14,291	0,234	3,450	14,057	1,950	14,257	-3,50	14,330	14,325	0,005	1,950	14,257	-3,50	6,200	14,284	6,729	14,813	0,529
56	3,789	14,609	0,339	3,450	14,270	1,950	14,470	-3,50	14,591	14,538	0,053	1,950	14,470	-3,50	6,200	14,497	6,622	14,919	0,422
56+4,057	3,874	14,780	0,424	3,450	14,356	1,950	14,556	-3,50	14,682	14,625	0,057	1,950	14,556	-3,50	6,200	14,583	6,578	14,961	0,378

	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	
57	3,850	15,034	0,400	3,450	14,634	1,950	14,834	-3,50	14,992	14,903	0,089	1,950	14,834	-3,50	6,200	14,861	6,469	15,130	0,269	
58	3,810	15,171	0,360	3,450	14,811	1,950	15,011	-3,50	15,147	15,079	0,068	1,950	15,011	-3,50	6,200	15,038	6,529	15,367	0,329	
58+4,057	3,806	15,179	0,356	3,450	14,823	1,950	15,023	-3,50	15,165	15,091	0,074	1,950	15,023	-3,50	6,200	15,050	6,486	15,336	0,286	
59	3,805	15,211	0,355	3,450	14,856	1,950	15,056	-3,50	15,239	15,124	0,115	1,950	15,056	-3,50	6,200	15,083	6,402	14,948	-0,135	
60	3,799	15,246	0,349	3,450	14,897	1,950	15,097	-3,50	15,330	15,166	0,164	1,950	15,097	-3,50	6,200	15,124	6,342	15,029	-0,095	
61	3,988	15,477	0,538	3,450	14,939	1,950	15,139	-3,50	15,360	15,207	0,153	1,950	15,139	-3,50	6,200	15,166	6,201	15,167	0,001	
61+11,34	4,033	15,546	0,583	3,450	14,963	1,950	15,163	-3,50	15,432	15,231	0,201	1,950	15,163	-3,50	6,200	15,190	6,391	15,381	0,191	