

	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
322	6,1773	836,711	-0,589	5,0000	837,300	5,0000	837,300	-2,00	836,999	837,400	-0,401	5,0000	837,500	2,00	5,0000	837,500	5,8366	837,082	-0,418
322+10,0	6,4350	836,400	-0,717	5,0000	837,117	5,0000	837,117	-2,00	836,687	837,217	-0,530	5,0000	837,317	2,00	5,0000	837,317	5,6935	836,970	-0,347
323	5,0103	836,944	0,010	5,0000	836,934	5,0000	836,934	-2,00	836,918	837,034	-0,116	5,0000	837,134	2,00	5,0000	837,134	5,5243	836,872	-0,262
324	6,4949	835,821	-0,747	5,0000	836,568	5,0000	836,568	-2,00	836,171	836,668	-0,497	5,0000	836,768	2,00	5,0000	836,768	6,0586	836,239	-0,529
325	6,3059	835,549	-0,653	5,0000	836,202	5,0000	836,202	-2,00	835,643	836,302	-0,659	5,0000	836,402	2,00	5,0000	836,402	6,9184	835,443	-0,959
326	6,5528	835,182	-0,776	5,0000	835,958	5,0000	835,958	-2,00	835,470	836,058	-0,588	5,0000	836,158	2,00	5,0000	836,158	6,6527	835,332	-0,826
326+14,7	6,2315	835,308	-0,616	5,0000	835,924	5,0000	835,924	-2,00	835,304	836,024	-0,720	5,0000	836,124	2,00	5,0000	836,124	6,6720	835,288	-0,836
327	6,3139	835,285	-0,657	5,0000	835,942	5,0000	835,942	-2,00	835,454	836,042	-0,588	5,0000	836,142	2,00	5,0000	836,142	6,2711	835,506	-0,636
328	6,1394	835,584	-0,570	5,0000	836,154	5,0000	836,154	-2,00	835,618	836,254	-0,636	5,0000	836,354	2,00	5,0000	836,354	6,4319	835,638	-0,716
329	5,4705	836,359	-0,235	5,0000	836,594	5,0000	836,594	-2,00	836,317	836,694	-0,377	5,0000	836,794	2,00	5,0000	836,794	6,2892	836,149	-0,645
330	7,5236	839,786	2,524	5,0000	837,262	5,0000	837,262	-2,00	839,758	837,362	2,396	5,0000	837,462	2,00	5,0000	837,462	6,9708	839,433	1,971
331	7,0729	840,110	2,073	5,0000	838,037	5,0000	838,037	-2,00	840,261	838,137	2,124	5,0000	838,237	2,00	5,0000	838,237	7,0280	840,265	2,028
332	7,3140	841,127	2,314	5,0000	838,813	5,0000	838,813	-2,00	841,394	838,913	2,481	5,0000	839,013	2,00	5,0000	839,013	6,9675	840,981	1,968
333	7,7542	842,342	2,754	5,0000	839,588	5,0000	839,588	-2,00	842,507	839,688	2,819	5,0000	839,788	2,00	5,0000	839,788	7,6808	842,469	2,681
334	7,6053	842,969	2,605	5,0000	840,364	5,0000	840,364	-2,00	843,141	840,464	2,677	5,0000	840,564	2,00	5,0000	840,564	7,5732	843,137	2,573
335	7,6391	843,778	2,639	5,0000	841,139	5,0000	841,139	-2,00	843,861	841,239	2,622	5,0000	841,339	2,00	5,0000	841,339	7,6027	843,942	2,603
335+9,71	8,1850	844,701	3,185	5,0000	841,516	5,0000	841,516	-2,00	844,635	841,616	3,019	5,0000	841,716	2,00	5,0000	841,716	7,9567	844,673	2,957
336	7,5607	844,476	2,561	5,0000	841,915	5,0000	841,915	-2,00	844,128	842,015	2,113	5,0000	842,115	2,00	5,0000	842,115	7,5475	844,663	2,548
337	7,2984	844,994	2,298	5,0000	842,696	5,0000	842,696	-2,00	845,089	842,796	2,293	5,0000	842,896	2,00	5,0000	842,896	7,9637	845,860	2,964
338	8,1453	846,705	3,145	5,0000	843,560	5,0000	843,560	-2,00	845,956	843,660	2,296	5,0000	843,760	2,00	5,0000	843,760	7,7644	846,524	2,764
339	8,0504	847,581	3,050	5,0000	844,531	5,0000	844,531	-2,00	846,815	844,631	2,184	5,0000	844,731	2,00	5,0000	844,731	7,1211	846,852	2,121
340	7,6560	848,265	2,656	5,0000	845,609	5,0000	845,609	-2,00	847,775	845,709	2,066	5,0000	845,809	2,00	5,0000	845,809	6,6397	847,449	1,640
341	8,2812	850,074	3,281	5,0000	846,793	5,0000	846,793	-2,00	849,671	846,893	2,778	5,0000	846,993	2,00	5,0000	846,993	7,7498	849,743	2,750
342	8,0671	851,145	3,067	5,0000	848,078	5,0000	848,078	-2,00	850,711	848,178	2,533	5,0000	848,278	2,00	5,0000	848,278	7,0189	850,297	2,019
343	8,3741	852,760	3,374	5,0000	849,386	5,0000	849,386	-2,00	852,380	849,486	2,894	5,0000	849,586	2,00	5,0000	849,586	7,4814	852,067	2,481
344	8,0454	853,740	3,045	5,0000	850,695	5,0000	850,695	-2,00	853,339	850,795	2,544	5,0000	850,895	2,00	5,0000	850,895	7,5807	853,476	2,581
345	8,7336	855,737	3,734	5,0000	852,003	5,0000	852,003	-2,00	854,873	852,103	2,770	5,0000	852,203	2,00	5,0000	852,203	7,6928	854,896	2,693
345+15,7	8,4629	856,498	3,463	5,0000	853,035	5,0000	853,035	-2,00	856,524	853,135	3,389	5,0000	853,235	2,00	5,0000	853,235	8,2951	856,530	3,295
346	8,2483	856,559	3,248	5,0000	853,311	5,0000	853,311	-2,00	856,588	853,411	3,177	5,0000	853,511	2,00	5,0000	853,511	8,2865	856,798	3,287

	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
347	8,5858	858,206	3,586	5,0000	854,620	5,0000	854,620	-2,00	858,243	854,720	3,523	5,0000	854,820	2,00	5,0000	854,820	8,2663	858,086	3,266
348	8,4121	859,340	3,412	5,0000	855,928	5,0000	855,928	-2,00	858,780	856,028	2,752	5,0000	856,128	2,00	5,0000	856,128	7,7183	858,846	2,718
349	7,7143	859,950	2,714	5,0000	857,236	5,0000	857,236	-2,00	859,863	857,336	2,527	5,0000	857,436	2,00	5,0000	857,436	8,0403	860,476	3,040
350	9,2000	862,745	4,200	5,0000	858,545	5,0000	858,545	-2,00	860,857	858,645	2,212	5,0000	858,745	2,00	5,0000	858,745	7,8319	861,577	2,832
351	13,0326	867,883	8,033	5,0000	859,850	5,0000	859,850	-2,00	861,975	859,950	2,025	5,0000	860,050	2,00	5,0000	860,050	7,7132	862,763	2,713
352	13,0096	869,111	8,010	5,0000	861,101	5,0000	861,101	-2,00	863,039	861,201	1,838	5,0000	861,301	2,00	5,0000	861,301	7,6016	863,903	2,602
353	12,7139	869,994	7,714	5,0000	862,280	5,0000	862,280	-2,00	864,300	862,380	1,920	5,0000	862,480	2,00	5,0000	862,480	7,6364	865,116	2,636
354	12,6775	871,062	7,678	5,0000	863,384	5,0000	863,384	-2,00	866,463	863,484	2,979	5,0000	863,584	2,00	5,0000	863,584	9,8748	861,147	-2,437
355	12,7889	872,205	7,789	5,0000	864,416	5,0000	864,416	-2,00	866,696	864,516	2,180	5,0000	864,616	2,00	5,0000	864,616	7,2700	866,886	2,270
356	12,9804	873,355	7,980	5,0000	865,375	5,0000	865,375	-2,00	867,440	865,475	1,965	5,0000	865,575	2,00	5,0000	865,575	6,6263	867,201	1,626
357	10,1351	871,396	5,135	5,0000	866,261	5,0000	866,261	-2,00	866,583	866,361	0,222	5,0000	866,461	2,00	5,0000	866,461	6,2662	865,828	-0,633
358	5,6547	866,746	-0,327	5,0000	867,073	5,0000	867,073	-2,00	866,988	867,173	-0,185	5,0000	867,273	2,00	5,0000	867,273	5,1788	867,452	0,179
359	5,2166	867,705	-0,108	5,0000	867,813	5,0000	867,813	-2,00	867,590	867,913	-0,323	5,0000	868,013	2,00	5,0000	868,013	5,0692	868,082	0,069
360	5,2251	868,367	-0,113	5,0000	868,480	5,0000	868,480	-2,00	868,284	868,580	-0,296	5,0000	868,680	2,00	5,0000	868,680	5,4007	868,480	-0,200
361	5,9597	868,594	-0,480	5,0000	869,074	5,0000	869,074	-2,00	867,013	869,174	-2,161	5,0000	869,274	2,00	5,0000	869,274	9,0000	867,274	-2,000
362	8,3216	867,934	-1,661	5,0000	869,595	5,0000	869,595	-2,00	866,220	869,695	-3,475	5,0000	869,795	2,00	5,0000	869,795	10,0000	867,295	-2,500
363	7,4848	868,801	-1,242	5,0000	870,043	5,0000	870,043	-2,00	866,773	870,143	-3,370	5,0000	870,243	2,00	5,0000	870,243	10,7710	867,358	-2,885
363+13,7	6,6277	869,495	-0,814	5,0000	870,309	5,0000	870,309	-2,00	867,394	870,409	-3,015	5,0000	870,509	2,00	5,0000	870,509	10,8410	867,589	-2,920
364	6,3880	869,724	-0,694	5,0000	870,418	5,0000	870,418	-2,00	867,225	870,518	-3,293	5,0000	870,618	2,00	5,0000	870,618	10,8071	867,714	-2,904
365	6,0609	870,190	-0,530	5,0000	870,720	5,0000	870,720	-2,00	867,612	870,820	-3,208	5,0000	870,920	2,00	5,0000	870,920	10,7161	868,062	-2,858
366	7,8669	869,517	-1,433	5,0000	870,950	5,0000	870,950	-2,00	867,914	871,050	-3,136	5,0000	871,150	2,00	5,0000	871,150	10,8406	868,230	-2,920
367	8,1775	869,518	-1,589	5,0000	871,107	5,0000	871,107	-2,00	868,070	871,207	-3,137	5,0000	871,307	2,00	5,0000	871,307	10,5686	868,523	-2,784
368	5,6469	871,838	0,647	5,0000	871,191	5,0000	871,191	-2,00	870,783	871,291	-0,508	5,0000	871,391	2,00	5,0000	871,391	5,6748	871,054	-0,337
369	5,0667	871,169	-0,033	5,0000	871,202	5,0000	871,202	-2,00	871,171	871,302	-0,131	5,0000	871,402	2,00	5,0000	871,402	5,5104	871,912	0,510
370	10,4700	876,610	5,470	5,0000	871,140	5,0000	871,140	-2,00	874,016	871,240	2,776	5,0000	871,340	2,00	5,0000	871,340	8,3074	874,647	3,307
371	9,4109	875,417	4,411	5,0000	871,006	5,0000	871,006	-2,00	873,680	871,106	2,574	5,0000	871,206	2,00	5,0000	871,206	7,6743	873,880	2,674
371+17,8	12,7863	878,610	7,786	5,0000	870,824	5,0000	870,824	-2,00	873,312	870,924	2,388	5,0000	871,024	2,00	5,0000	871,024	7,4956	873,520	2,496
372	12,8547	878,653	7,855	5,0000	870,798	5,0000	870,798	-2,00	873,257	870,898	2,359	5,0000	870,998	2,00	5,0000	870,998	7,4813	873,479	2,481
373	10,8180	876,336	5,818	5,0000	870,518	5,0000	870,518	-2,00	873,072	870,618	2,454	5,0000	870,718	2,00	5,0000	870,718	7,3791	873,097	2,379

	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
374	12,0000	877,165	7,000	5,0000	870,165	5,0000	870,165	-2,00	872,506	870,265	2,241	5,0000	870,365	2,00	5,0000	870,365	7,6308	872,996	2,631
375	12,0000	876,739	7,000	5,0000	869,739	5,0000	869,739	-2,00	872,001	869,839	2,162	5,0000	869,939	2,00	5,0000	869,939	7,5854	872,524	2,585
376	12,0000	876,244	7,000	5,0000	869,244	5,0000	869,244	-2,00	871,791	869,344	2,447	5,0000	869,444	2,00	5,0000	869,444	7,4748	871,919	2,475
377	12,0000	875,729	7,000	5,0000	868,729	5,0000	868,729	-2,00	871,148	868,829	2,319	5,0000	868,929	2,00	5,0000	868,929	7,4868	871,416	2,487
378	12,0000	875,214	7,000	5,0000	868,214	5,0000	868,214	-2,00	870,724	868,314	2,410	5,0000	868,414	2,00	5,0000	868,414	7,5872	871,001	2,587
379	12,0000	874,699	7,000	5,0000	867,699	5,0000	867,699	-2,00	870,269	867,799	2,470	5,0000	867,899	2,00	5,0000	867,899	7,9297	870,829	2,930
380	12,0000	874,184	7,000	5,0000	867,184	5,0000	867,184	-2,00	869,653	867,284	2,369	5,0000	867,384	2,00	5,0000	867,384	7,7577	870,142	2,758
381	12,0000	873,670	7,000	5,0000	866,670	5,0000	866,670	-2,00	869,436	866,770	2,666	5,0000	866,870	2,00	5,0000	866,870	7,6762	869,546	2,676
382	11,0000	872,155	6,000	5,0000	866,155	5,0000	866,155	-2,00	868,733	866,255	2,478	5,0000	866,355	2,00	5,0000	866,355	7,9138	869,269	2,914
383	11,0000	871,640	6,000	5,0000	865,640	5,0000	865,640	-2,00	868,153	865,740	2,413	5,0000	865,840	2,00	5,0000	865,840	7,8337	868,674	2,834
384	11,0000	871,125	6,000	5,0000	865,125	5,0000	865,125	-2,00	867,792	865,225	2,567	5,0000	865,325	2,00	5,0000	865,325	7,9113	868,236	2,911
385	11,0000	870,610	6,000	5,0000	864,610	5,0000	864,610	-2,00	867,414	864,710	2,704	5,0000	864,810	2,00	5,0000	864,810	8,0727	867,883	3,073
386	11,0000	870,095	6,000	5,0000	864,095	5,0000	864,095	-2,00	866,884	864,195	2,689	5,0000	864,295	2,00	5,0000	864,295	8,0587	867,354	3,059
387	12,0000	870,581	7,000	5,0000	863,581	5,0000	863,581	-2,00	866,338	863,681	2,657	5,0000	863,781	2,00	5,0000	863,781	8,0000	866,781	3,000
388	12,0000	870,066	7,000	5,0000	863,066	5,0000	863,066	-2,00	865,935	863,166	2,769	5,0000	863,266	2,00	5,0000	863,266	8,2027	866,469	3,203
389	12,0000	869,551	7,000	5,0000	862,551	5,0000	862,551	-2,00	865,765	862,651	3,114	5,0000	862,751	2,00	5,0000	862,751	8,5180	866,269	3,518
390	12,0000	869,036	7,000	5,0000	862,036	5,0000	862,036	-2,00	864,822	862,136	2,686	5,0000	862,236	2,00	5,0000	862,236	8,5869	865,823	3,587
391	11,0000	867,521	6,000	5,0000	861,521	5,0000	861,521	-2,00	864,300	861,621	2,679	5,0000	861,721	2,00	5,0000	861,721	8,1724	864,893	3,172
392	11,0000	867,006	6,000	5,0000	861,006	5,0000	861,006	-2,00	863,618	861,106	2,512	5,0000	861,206	2,00	5,0000	861,206	8,4519	864,658	3,452
393	11,0000	866,492	6,000	5,0000	860,492	5,0000	860,492	-2,00	863,049	860,592	2,457	5,0000	860,692	2,00	5,0000	860,692	8,3929	864,085	3,393
394	11,0000	865,977	6,000	5,0000	859,977	5,0000	859,977	-2,00	862,330	860,077	2,253	5,0000	860,177	2,00	5,0000	860,177	7,7114	862,888	2,711
395	11,0000	865,447	6,000	5,0000	859,447	5,0000	859,447	-2,00	861,671	859,547	2,124	5,0000	859,647	2,00	5,0000	859,647	7,6268	862,274	2,627
396	11,0000	864,857	6,000	5,0000	858,857	5,0000	858,857	-2,00	860,934	858,957	1,977	5,0000	859,057	2,00	5,0000	859,057	7,9374	861,994	2,937
397	11,3330	864,536	6,333	5,0000	858,203	5,0000	858,203	-2,00	860,412	858,303	2,109	5,0000	858,403	2,00	5,0000	858,403	8,0855	861,489	3,086
398	7,5759	860,062	2,576	5,0000	857,486	5,0000	857,486	-2,00	859,775	857,586	2,189	5,0000	857,686	2,00	5,0000	857,686	7,6752	860,361	2,675
399	7,6359	859,340	2,636	5,0000	856,704	5,0000	856,704	-2,00	858,934	856,804	2,130	5,0000	856,904	2,00	5,0000	856,904	8,3463	860,250	3,346
400	7,2999	858,174	2,300	5,0000	855,874	5,0000	855,874	-2,00	858,258	855,974	2,284	5,0000	856,074	2,00	5,0000	856,074	7,6345	858,709	2,635
401	7,3692	857,410	2,369	5,0000	855,041	5,0000	855,041	-2,00	857,526	855,141	2,385	5,0000	855,241	2,00	5,0000	855,241	7,6333	857,874	2,633
402	7,5046	856,713	2,505	5,0000	854,208	5,0000	854,208	-2,00	856,728	854,308	2,420	5,0000	854,408	2,00	5,0000	854,408	7,6415	857,050	2,642

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
403	7,5235	855,897	2,523	5,0000	853,374	5,0000	853,374	-2,00	856,063	853,474	2,589	5,0000	853,574	2,00	5,0000	853,574	8,7953	857,369	3,795
404	7,5193	855,060	2,519	5,0000	852,541	5,0000	852,541	-2,00	855,284	852,641	2,643	5,0000	852,741	2,00	5,0000	852,741	8,7640	856,505	3,764
405	7,4221	854,130	2,422	5,0000	851,708	5,0000	851,708	-2,00	854,415	851,808	2,607	5,0000	851,908	2,00	5,0000	851,908	7,7380	854,646	2,738
406	7,1915	853,097	2,191	5,0000	850,906	5,0000	850,906	-2,00	853,513	851,006	2,507	5,0000	851,106	2,00	5,0000	851,106	8,5988	854,705	3,599
407	7,3919	852,637	2,392	5,0000	850,245	5,0000	850,245	-2,00	852,590	850,345	2,245	5,0000	850,445	2,00	5,0000	850,445	7,5417	852,987	2,542
408	7,3129	852,048	2,313	5,0000	849,735	5,0000	849,735	-2,00	852,182	849,835	2,347	5,0000	849,935	2,00	5,0000	849,935	7,5077	852,443	2,508
408+0,16	7,3072	852,039	2,307	5,0000	849,732	5,0000	849,732	-2,00	852,179	849,832	2,347	5,0000	849,932	2,00	5,0000	849,932	7,5055	852,438	2,506
409	7,2036	851,579	2,204	5,0000	849,375	5,0000	849,375	-2,00	851,960	849,475	2,485	5,0000	849,575	2,00	5,0000	849,575	7,4569	852,032	2,457
410	7,0833	851,249	2,083	5,0000	849,166	5,0000	849,166	-2,00	851,732	849,266	2,466	5,0000	849,366	2,00	5,0000	849,366	7,3750	851,741	2,375
411	6,7174	850,792	1,717	5,0000	849,075	5,0000	849,075	-2,00	851,571	849,175	2,396	5,0000	849,275	2,00	5,0000	849,275	7,5809	851,856	2,581
412	7,0974	851,091	2,097	5,0000	848,994	5,0000	848,994	-2,00	851,413	849,094	2,319	5,0000	849,194	2,00	5,0000	849,194	7,0849	851,279	2,085
413	7,3554	851,268	2,355	5,0000	848,913	5,0000	848,913	-2,00	851,371	849,013	2,358	5,0000	849,113	2,00	5,0000	849,113	7,1746	851,288	2,175
414	7,4286	851,263	2,429	5,0000	848,834	5,0000	848,834	-2,00	851,397	848,934	2,463	5,0000	849,034	2,00	5,0000	849,034	7,1968	851,231	2,197
415	7,8383	851,666	2,838	5,0000	848,828	5,0000	848,828	-2,00	851,653	848,928	2,725	5,0000	849,028	2,00	5,0000	849,028	7,9561	851,984	2,956
416	8,0068	851,937	3,007	5,0000	848,930	5,0000	848,930	-2,00	851,974	849,030	2,944	5,0000	849,130	2,00	5,0000	849,130	8,0895	852,220	3,090
417	8,3853	852,524	3,385	5,0000	849,139	5,0000	849,139	-2,00	852,110	849,239	2,871	5,0000	849,339	2,00	5,0000	849,339	8,5840	852,923	3,584
417+12,2	8,3115	852,632	3,311	5,0000	849,321	5,0000	849,321	-2,00	852,396	849,421	2,975	5,0000	849,521	2,00	5,0000	849,521	8,4290	852,950	3,429
418	8,2182	852,672	3,218	5,0000	849,454	5,0000	849,454	-2,00	852,475	849,554	2,921	5,0000	849,654	2,00	5,0000	849,654	8,4310	853,085	3,431
419	8,1445	852,946	3,144	5,0000	849,802	5,0000	849,802	-2,00	853,115	849,902	3,213	5,0000	850,002	2,00	5,0000	850,002	8,4603	853,462	3,460
420	5,8766	851,028	0,877	5,0000	850,151	5,0000	850,151	-2,00	850,657	850,251	0,406	5,0000	850,351	2,00	5,0000	850,351	5,6740	851,025	0,674
421	5,0012	850,501	0,001	5,0000	850,500	5,0000	850,500	-2,00	850,772	850,600	0,172	5,0000	850,700	2,00	5,0000	850,700	5,2351	850,935	0,235
422	5,1145	850,792	-0,057	5,0000	850,849	5,0000	850,849	-2,00	850,729	850,949	-0,220	5,0000	851,049	2,00	5,0000	851,049	5,3153	850,891	-0,158
423	10,2759	848,553	-2,638	5,0000	851,191	5,0000	851,191	-2,00	849,102	851,291	-2,189	5,0000	851,391	2,00	5,0000	851,391	6,1296	850,826	-0,565
424	13,0173	847,409	-4,009	5,0000	851,418	5,0000	851,418	-2,00	848,347	851,518	-3,171	5,0000	851,618	2,00	5,0000	851,618	11,3153	848,460	-3,158
425	12,2135	847,886	-3,607	5,0000	851,493	5,0000	851,493	-2,00	848,212	851,593	-3,381	5,0000	851,693	2,00	5,0000	851,693	10,7968	848,795	-2,898
426	12,1490	847,840	-3,575	5,0000	851,415	5,0000	851,415	-2,00	848,262	851,515	-3,253	5,0000	851,615	2,00	5,0000	851,615	11,0311	848,599	-3,016
426+18,9	12,0818	847,658	-3,541	5,0000	851,199	5,0000	851,199	-2,00	847,916	851,299	-3,383	5,0000	851,399	2,00	5,0000	851,399	11,4342	848,182	-3,217
427	12,0491	847,658	-3,525	5,0000	851,183	5,0000	851,183	-2,00	847,940	851,283	-3,343	5,0000	851,383	2,00	5,0000	851,383	11,4513	848,157	-3,226
428	12,2035	847,197	-3,602	5,0000	850,799	5,0000	850,799	-2,00	847,376	850,899	-3,523	5,0000	850,999	2,00	5,0000	850,999	11,4612	847,768	-3,231

	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
429	12,0000	846,763	-3,500	5,0000	850,263	5,0000	850,263	-2,00	846,732	850,363	-3,631	5,0000	850,463	2,00	5,0000	850,463	11,4379	847,244	-3,219
430	12,0000	846,073	-3,500	5,0000	849,573	5,0000	849,573	-2,00	845,967	849,673	-3,706	5,0000	849,773	2,00	5,0000	849,773	11,9757	846,285	-3,488
431	11,0000	845,778	-3,000	5,0000	848,778	5,0000	848,778	-2,00	845,530	848,878	-3,348	5,0000	848,978	2,00	5,0000	848,978	11,9036	845,526	-3,452
432	11,0000	844,980	-3,000	5,0000	847,980	5,0000	847,980	-2,00	844,871	848,080	-3,209	5,0000	848,180	2,00	5,0000	848,180	11,5578	844,901	-3,279
433	9,7897	844,787	-2,395	5,0000	847,182	5,0000	847,182	-2,00	843,621	847,282	-3,661	5,0000	847,382	2,00	5,0000	847,382	12,3250	843,719	-3,663
433+16,1	5,1705	846,708	0,171	5,0000	846,537	5,0000	846,537	-2,00	846,568	846,637	-0,069	5,0000	846,737	2,00	5,0000	846,737	5,5562	846,459	-0,278
434	5,1225	846,507	0,123	5,0000	846,384	5,0000	846,384	-2,00	846,256	846,484	-0,228	5,0000	846,584	2,00	5,0000	846,584	5,8875	846,140	-0,444
435	5,2163	845,802	0,216	5,0000	845,586	5,0000	845,586	-2,00	845,462	845,686	-0,224	5,0000	845,786	2,00	5,0000	845,786	6,6126	844,980	-0,806
436	5,4612	844,557	-0,231	5,0000	844,788	5,0000	844,788	-2,00	844,310	844,888	-0,578	5,0000	844,988	2,00	5,0000	844,988	6,3952	844,290	-0,698
436+19,3	5,0538	843,989	-0,027	5,0000	844,016	5,0000	844,016	-2,00	843,943	844,116	-0,173	5,0000	844,216	2,00	5,0000	844,216	5,9653	843,733	-0,483
437	5,1265	843,927	-0,063	5,0000	843,990	5,0000	843,990	-2,00	843,884	844,090	-0,206	5,0000	844,190	2,00	5,0000	844,190	6,0642	843,658	-0,532
438	5,0588	843,251	0,059	5,0000	843,192	5,0000	843,192	-2,00	842,840	843,292	-0,452	5,0000	843,392	2,00	5,0000	843,392	9,6753	841,054	-2,338
439	5,1172	842,511	0,117	5,0000	842,394	5,0000	842,394	-2,00	842,287	842,494	-0,207	5,0000	842,594	2,00	5,0000	842,594	9,1033	840,542	-2,052
440	5,5164	842,112	0,516	5,0000	841,596	5,0000	841,596	-2,00	841,797	841,696	0,101	5,0000	841,796	2,00	5,0000	841,796	6,8990	840,846	-0,950
441	5,7588	841,557	0,759	5,0000	840,798	5,0000	840,798	-2,00	841,361	840,898	0,463	5,0000	840,998	2,00	5,0000	840,998	5,0538	841,052	0,054
441+13,4	5,3718	840,633	0,372	5,0000	840,261	5,0000	840,261	-2,00	840,398	840,361	0,037	5,0000	840,461	2,00	5,0000	840,461	5,8333	840,044	-0,417
442	5,8004	840,800	0,800	5,0000	840,000	5,0000	840,000	-2,00	840,249	840,100	0,149	5,0000	840,200	2,00	5,0000	840,200	5,3921	840,004	-0,196
443	6,0635	840,266	1,063	5,0000	839,203	5,0000	839,203	-2,00	839,594	839,303	0,291	5,0000	839,403	2,00	5,0000	839,403	5,2664	839,270	-0,133
444	5,7169	839,122	0,717	5,0000	838,405	5,0000	838,405	-2,00	838,756	838,505	0,251	5,0000	838,605	2,00	5,0000	838,605	5,3190	838,445	-0,160
445	5,1603	837,767	0,160	5,0000	837,607	5,0000	837,607	-2,00	837,760	837,707	0,053	5,0000	837,807	2,00	5,0000	837,807	5,2866	837,664	-0,143
446	5,1941	836,992	0,194	5,0000	836,798	5,0000	836,798	-2,00	837,090	836,898	0,192	5,0000	836,998	2,00	5,0000	836,998	5,4378	836,779	-0,219
447	5,0317	835,946	-0,016	5,0000	835,962	5,0000	835,962	-2,00	836,176	836,062	0,114	5,0000	836,162	2,00	5,0000	836,162	5,2934	836,015	-0,147
448	5,0122	835,109	0,012	5,0000	835,097	5,0000	835,097	-2,00	835,012	835,197	-0,185	5,0000	835,297	2,00	5,0000	835,297	5,5640	835,015	-0,282
449	5,4297	833,989	-0,215	5,0000	834,204	5,0000	834,204	-2,00	834,012	834,304	-0,292	5,0000	834,404	2,00	5,0000	834,404	5,4820	834,163	-0,241
450	5,4912	833,036	-0,246	5,0000	833,282	5,0000	833,282	-2,00	833,363	833,382	-0,019	5,0000	833,482	2,00	5,0000	833,482	5,3043	833,330	-0,152
451	5,0870	832,289	-0,043	5,0000	832,332	5,0000	832,332	-2,00	832,340	832,432	-0,092	5,0000	832,532	2,00	5,0000	832,532	5,4538	832,305	-0,227
452	5,1227	831,476	0,123	5,0000	831,353	5,0000	831,353	-2,00	831,029	831,453	-0,424	5,0000	831,553	2,00	5,0000	831,553	5,6331	831,236	-0,317
453	5,5693	830,061	-0,285	5,0000	830,346	5,0000	830,346	-2,00	830,264	830,446	-0,182	5,0000	830,546	2,00	5,0000	830,546	5,1038	830,494	-0,052
454	6,1138	828,753	-0,557	5,0000	829,310	5,0000	829,310	-2,00	828,639	829,410	-0,771	5,0000	829,510	2,00	5,0000	829,510	6,3011	828,859	-0,651

	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
455	6,0260	827,733	-0,513	5,0000	828,246	5,0000	828,246	-2,00	827,955	828,346	-0,391	5,0000	828,446	2,00	5,0000	828,446	5,7318	828,080	-0,366
456	5,9194	826,693	-0,460	5,0000	827,153	5,0000	827,153	-2,00	827,049	827,253	-0,204	5,0000	827,353	2,00	5,0000	827,353	5,1034	827,301	-0,052
457	5,9180	825,573	-0,459	5,0000	826,032	5,0000	826,032	-2,00	825,982	826,132	-0,150	5,0000	826,232	2,00	5,0000	826,232	5,4581	826,003	-0,229
458	5,5027	824,633	-0,251	5,0000	824,884	5,0000	824,884	-2,00	825,322	824,984	0,338	5,0000	825,084	2,00	5,0000	825,084	5,2074	824,980	-0,104
459	5,0060	823,736	0,006	5,0000	823,730	5,0000	823,730	-2,00	823,994	823,830	0,164	5,0000	823,930	2,00	5,0000	823,930	5,4374	824,367	0,437
460	5,2709	822,441	-0,135	5,0000	822,576	5,0000	822,576	-2,00	822,682	822,676	0,006	5,0000	822,776	2,00	5,0000	822,776	5,1405	822,916	0,140
461	5,1192	821,541	0,119	5,0000	821,422	5,0000	821,422	-2,00	821,831	821,522	0,309	5,0000	821,622	2,00	5,0000	821,622	5,5304	822,152	0,530
462	5,3305	820,599	0,331	5,0000	820,268	5,0000	820,268	-2,00	820,942	820,368	0,574	5,0000	820,468	2,00	5,0000	820,468	5,7581	821,226	0,758
462+0,28	5,3324	820,583	0,332	5,0000	820,251	5,0000	820,251	-2,00	820,926	820,351	0,575	5,0000	820,451	2,00	5,0000	820,451	5,7576	821,209	0,758
463	5,4106	819,525	0,411	5,0000	819,114	5,0000	819,114	-2,00	819,831	819,214	0,617	5,0000	819,314	2,00	5,0000	819,314	5,7191	820,033	0,719
464	5,5963	818,556	0,596	5,0000	817,960	5,0000	817,960	-2,00	818,739	818,060	0,679	5,0000	818,160	2,00	5,0000	818,160	5,5292	818,689	0,529
465	5,2870	817,092	0,287	5,0000	816,805	5,0000	816,805	-2,00	817,391	816,905	0,486	5,0000	817,005	2,00	5,0000	817,005	5,5957	817,601	0,596
466	5,2955	815,947	0,296	5,0000	815,651	5,0000	815,651	-2,00	815,757	815,751	0,006	5,0000	815,851	2,00	5,0000	815,851	5,1270	815,978	0,127
467	5,0707	814,568	0,071	5,0000	814,497	5,0000	814,497	-2,00	814,473	814,597	-0,124	5,0000	814,697	2,00	5,0000	814,697	5,3002	814,997	0,300
468	6,0810	814,424	1,081	5,0000	813,343	5,0000	813,343	-2,00	814,271	813,443	0,828	5,0000	813,543	2,00	5,0000	813,543	6,3143	814,857	1,314
469	8,3156	815,505	3,316	5,0000	812,189	5,0000	812,189	-2,00	814,946	812,289	2,657	5,0000	812,389	2,00	5,0000	812,389	8,0000	815,389	3,000
470	7,7972	813,833	2,797	5,0000	811,036	5,0000	811,036	-2,00	813,573	811,136	2,437	5,0000	811,236	2,00	5,0000	811,236	7,6648	813,901	2,665
471	8,0939	813,019	3,094	5,0000	809,925	5,0000	809,925	-2,00	812,965	810,025	2,940	5,0000	810,125	2,00	5,0000	810,125	7,3922	812,517	2,392
472	7,9247	811,807	2,925	5,0000	808,882	5,0000	808,882	-2,00	811,218	808,982	2,236	5,0000	809,082	2,00	5,0000	809,082	7,2534	811,335	2,253
473	8,4176	811,324	3,418	5,0000	807,906	5,0000	807,906	-2,00	810,699	808,006	2,693	5,0000	808,106	2,00	5,0000	808,106	7,2925	810,398	2,292
474	7,9103	809,908	2,910	5,0000	806,998	5,0000	806,998	-2,00	809,615	807,098	2,517	5,0000	807,198	2,00	5,0000	807,198	7,5453	809,743	2,545
475	7,9980	809,154	2,998	5,0000	806,156	5,0000	806,156	-2,00	809,183	806,256	2,927	5,0000	806,356	2,00	5,0000	806,356	8,1088	809,465	3,109
476	8,3559	808,739	3,356	5,0000	805,383	5,0000	805,383	-2,00	808,807	805,483	3,324	5,0000	805,583	2,00	5,0000	805,583	8,5200	809,103	3,520
477	7,7389	807,415	2,739	5,0000	804,676	5,0000	804,676	-2,00	807,407	804,776	2,631	5,0000	804,876	2,00	5,0000	804,876	8,1972	808,073	3,197
477+2,01	7,7545	807,363	2,755	5,0000	804,608	5,0000	804,608	-2,00	807,326	804,708	2,618	5,0000	804,808	2,00	5,0000	804,808	8,0455	807,854	3,046
478	7,5047	806,542	2,505	5,0000	804,037	5,0000	804,037	-2,00	806,818	804,137	2,681	5,0000	804,237	2,00	5,0000	804,237	7,6588	806,896	2,659
479	7,4963	805,961	2,496	5,0000	803,465	5,0000	803,465	-2,00	806,171	803,565	2,606	5,0000	803,665	2,00	5,0000	803,665	7,8292	806,494	2,829
480	7,7964	805,755	2,796	5,0000	802,959	5,0000	802,959	-2,00	805,844	803,059	2,785	5,0000	803,159	2,00	5,0000	803,159	7,9241	806,083	2,924
481	8,2532	805,731	3,253	5,0000	802,478	5,0000	802,478	-2,00	805,378	802,578	2,800	5,0000	802,678	2,00	5,0000	802,678	8,0074	805,685	3,007

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
482	8,1188	805,116	3,119	5,0000	801,997	5,0000	801,997	-2,00	804,898	802,097	2,801	5,0000	802,197	2,00	5,0000	802,197	8,4247	805,622	3,425
483	8,0823	804,599	3,082	5,0000	801,517	5,0000	801,517	-2,00	804,302	801,617	2,685	5,0000	801,717	2,00	5,0000	801,717	8,1251	804,842	3,125
484	8,1128	804,149	3,113	5,0000	801,036	5,0000	801,036	-2,00	804,363	801,136	3,227	5,0000	801,236	2,00	5,0000	801,236	8,2395	804,476	3,240
485	8,1515	803,707	3,152	5,0000	800,555	5,0000	800,555	-2,00	803,281	800,655	2,626	5,0000	800,755	2,00	5,0000	800,755	7,9537	803,709	2,954
485+13,5	8,0201	803,268	3,020	5,0000	800,248	5,0000	800,248	-2,00	802,988	800,348	2,640	5,0000	800,448	2,00	5,0000	800,448	7,9592	803,407	2,959
486	7,9280	803,041	2,928	5,0000	800,113	5,0000	800,113	-2,00	802,858	800,213	2,645	5,0000	800,313	2,00	5,0000	800,313	8,0569	803,370	3,057
487	8,1044	802,844	3,104	5,0000	799,740	5,0000	799,740	-2,00	802,625	799,840	2,785	5,0000	799,940	2,00	5,0000	799,940	7,8915	802,832	2,892
488	7,9642	802,399	2,964	5,0000	799,435	5,0000	799,435	-2,00	802,498	799,535	2,963	5,0000	799,635	2,00	5,0000	799,635	7,8016	802,437	2,802
489	7,6599	801,860	2,660	5,0000	799,200	5,0000	799,200	-2,00	802,297	799,300	2,997	5,0000	799,400	2,00	5,0000	799,400	7,6175	802,018	2,618
490	7,2782	801,311	2,278	5,0000	799,033	5,0000	799,033	-2,00	801,668	799,133	2,535	5,0000	799,233	2,00	5,0000	799,233	7,5153	801,748	2,515
491	7,3750	801,272	2,375	5,0000	798,897	5,0000	798,897	-2,00	801,747	798,997	2,750	5,0000	799,097	2,00	5,0000	799,097	7,5086	801,606	2,509
492	7,2457	801,006	2,246	5,0000	798,760	5,0000	798,760	-2,00	801,305	798,860	2,445	5,0000	798,960	2,00	5,0000	798,960	7,5329	801,493	2,533
493	7,4752	801,099	2,475	5,0000	798,624	5,0000	798,624	-2,00	801,602	798,724	2,878	5,0000	798,824	2,00	5,0000	798,824	7,4358	801,260	2,436
494	7,2816	800,769	2,282	5,0000	798,487	5,0000	798,487	-2,00	801,201	798,587	2,614	5,0000	798,687	2,00	5,0000	798,687	7,3749	801,062	2,375
495	7,5162	800,867	2,516	5,0000	798,351	5,0000	798,351	-2,00	801,055	798,451	2,604	5,0000	798,551	2,00	5,0000	798,551	7,4569	801,008	2,457
495+12,4	7,7439	801,010	2,744	5,0000	798,266	5,0000	798,266	-2,00	801,013	798,366	2,647	5,0000	798,466	2,00	5,0000	798,466	7,5714	801,037	2,571
496	7,7943	801,008	2,794	5,0000	798,214	5,0000	798,214	-2,00	801,113	798,314	2,799	5,0000	798,414	2,00	5,0000	798,414	7,6798	801,094	2,680
497	7,6861	800,764	2,686	5,0000	798,078	5,0000	798,078	-2,00	800,967	798,178	2,789	5,0000	798,278	2,00	5,0000	798,278	7,9434	801,221	2,943
498	7,7640	800,705	2,764	5,0000	797,941	5,0000	797,941	-2,00	800,907	798,041	2,866	5,0000	798,141	2,00	5,0000	798,141	8,0544	801,195	3,054
499	8,0282	800,833	3,028	5,0000	797,805	5,0000	797,805	-2,00	800,990	797,905	3,085	5,0000	798,005	2,00	5,0000	798,005	8,0000	801,005	3,000
500	8,2307	800,899	3,231	5,0000	797,668	5,0000	797,668	-2,00	801,054	797,768	3,286	5,0000	797,868	2,00	5,0000	797,868	8,0000	800,868	3,000
501	8,2086	800,741	3,209	5,0000	797,532	5,0000	797,532	-2,00	800,784	797,632	3,152	5,0000	797,732	2,00	5,0000	797,732	8,0000	800,732	3,000
502	7,8039	800,136	2,804	5,0000	797,332	5,0000	797,332	-2,00	800,586	797,432	3,154	5,0000	797,532	2,00	5,0000	797,532	8,5663	801,098	3,566
503	7,5585	799,561	2,558	5,0000	797,003	5,0000	797,003	-2,00	800,219	797,103	3,116	5,0000	797,203	2,00	5,0000	797,203	8,7714	800,974	3,771
504	7,6482	799,195	2,648	5,0000	796,547	5,0000	796,547	-2,00	799,687	796,647	3,040	5,0000	796,747	2,00	5,0000	796,747	8,5046	800,252	3,505
505	7,6344	798,595	2,634	5,0000	795,961	5,0000	795,961	-2,00	798,408	796,061	2,347	5,0000	796,161	2,00	5,0000	796,161	8,3250	799,486	3,325
505+10,0	7,8575	798,491	2,858	5,0000	795,633	5,0000	795,633	-2,00	798,224	795,733	2,491	5,0000	795,833	2,00	5,0000	795,833	7,7928	798,626	2,793
506	7,7931	798,131	2,793	5,0000	795,338	5,0000	795,338	-2,00	798,262	795,438	2,824	5,0000	795,538	2,00	5,0000	795,538	7,5038	798,042	2,504
507	7,4129	797,326	2,413	5,0000	794,913	5,0000	794,913	-2,00	797,253	795,013	2,240	5,0000	795,113	2,00	5,0000	795,113	7,2371	797,350	2,237

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
508	7,4585	797,172	2,458	5,0000	794,714	5,0000	794,714	-2,00	797,014	794,814	2,200	5,0000	794,914	2,00	5,0000	794,914	6,7201	796,634	1,720
509	7,4723	797,212	2,472	5,0000	794,740	5,0000	794,740	-2,00	796,835	794,840	1,995	5,0000	794,940	2,00	5,0000	794,940	6,6281	796,568	1,628
510	7,7890	797,782	2,789	5,0000	794,993	5,0000	794,993	-2,00	797,953	795,093	2,860	5,0000	795,193	2,00	5,0000	795,193	7,2402	797,433	2,240
511	6,4429	796,888	1,443	5,0000	795,445	5,0000	795,445	-2,00	798,154	795,545	2,609	5,0000	795,645	2,00	5,0000	795,645	8,0416	798,687	3,042
512	5,0728	795,999	0,073	5,0000	795,926	5,0000	795,926	-2,00	796,407	796,026	0,381	5,0000	796,126	2,00	5,0000	796,126	5,4949	796,621	0,495
513	5,1770	796,318	-0,088	5,0000	796,406	5,0000	796,406	-2,00	796,743	796,506	0,237	5,0000	796,606	2,00	5,0000	796,606	5,4278	797,034	0,428
514	5,6833	796,545	-0,342	5,0000	796,887	5,0000	796,887	-2,00	796,978	796,987	-0,009	5,0000	797,087	2,00	5,0000	797,087	5,3512	797,438	0,351
515	5,9110	796,931	-0,455	5,0000	797,386	5,0000	797,386	-2,00	797,443	797,486	-0,043	5,0000	797,586	2,00	5,0000	797,586	5,5193	798,105	0,519
515+3,30	5,9318	797,014	-0,466	5,0000	797,480	5,0000	797,480	-2,00	797,623	797,580	0,043	5,0000	797,680	2,00	5,0000	797,680	5,6152	798,295	0,615
516	5,9695	797,546	-0,485	5,0000	798,031	5,0000	798,031	-2,00	797,722	798,131	-0,409	5,0000	798,231	2,00	5,0000	798,231	5,5173	798,748	0,517
517	5,2665	798,717	-0,133	5,0000	798,850	5,0000	798,850	-2,00	798,942	798,950	-0,008	5,0000	799,050	2,00	5,0000	799,050	5,8551	799,905	0,855
518	6,0647	799,292	-0,532	5,0000	799,824	5,0000	799,824	-2,00	800,147	799,924	0,223	5,0000	800,024	2,00	5,0000	800,024	5,9709	800,995	0,971
519	6,4690	800,089	-0,735	5,0000	800,824	5,0000	800,824	-2,00	800,922	800,924	-0,002	5,0000	801,024	2,00	5,0000	801,024	5,6716	801,696	0,672
520	6,0173	801,315	-0,509	5,0000	801,824	5,0000	801,824	-2,00	801,377	801,924	-0,547	5,0000	802,024	2,00	5,0000	802,024	5,4874	802,511	0,487
521	5,5537	802,547	-0,277	5,0000	802,824	5,0000	802,824	-2,00	802,443	802,924	-0,481	5,0000	803,024	2,00	5,0000	803,024	5,4409	803,465	0,441
521+16,6	5,2349	803,891	0,235	5,0000	803,656	5,0000	803,656	-2,00	803,549	803,756	-0,207	5,0000	803,856	2,00	5,0000	803,856	5,6698	804,526	0,670
522	5,3404	804,164	0,340	5,0000	803,824	5,0000	803,824	-2,00	803,801	803,924	-0,123	5,0000	804,024	2,00	5,0000	804,024	5,7136	804,738	0,714
523	5,4848	805,309	0,485	5,0000	804,824	5,0000	804,824	-2,00	805,124	804,924	0,200	5,0000	805,024	2,00	5,0000	805,024	5,8775	805,901	0,877
524	5,6890	806,513	0,689	5,0000	805,824	5,0000	805,824	-2,00	806,585	805,924	0,661	5,0000	806,024	2,00	5,0000	806,024	5,9649	806,989	0,965
525	5,1818	806,970	0,182	5,0000	806,788	5,0000	806,788	-2,00	807,381	806,888	0,493	5,0000	806,988	2,00	5,0000	806,988	5,9020	807,890	0,902
526	5,3217	807,945	0,322	5,0000	807,623	5,0000	807,623	-2,00	808,223	807,723	0,500	5,0000	807,823	2,00	5,0000	807,823	5,8567	808,680	0,857
527	5,2483	808,573	0,248	5,0000	808,325	5,0000	808,325	-2,00	808,428	808,425	0,003	5,0000	808,525	2,00	5,0000	808,525	5,7943	809,319	0,794
528	5,0765	808,856	-0,038	5,0000	808,894	5,0000	808,894	-2,00	808,700	808,994	-0,294	5,0000	809,094	2,00	5,0000	809,094	5,4333	809,527	0,433
529	10,4853	806,587	-2,743	5,0000	809,330	5,0000	809,330	-2,00	808,060	809,430	-1,370	5,0000	809,530	2,00	5,0000	809,530	6,8113	808,624	-0,906
529+11,8	11,0000	806,525	-3,000	5,0000	809,525	5,0000	809,525	-2,00	806,494	809,625	-3,131	5,0000	809,725	2,00	5,0000	809,725	8,7238	807,863	-1,862
530	11,0000	806,633	-3,000	5,0000	809,633	5,0000	809,633	-2,00	806,606	809,733	-3,127	5,0000	809,833	2,00	5,0000	809,833	9,9416	807,362	-2,471
531	11,0000	806,803	-3,000	5,0000	809,803	5,0000	809,803	-2,00	806,520	809,903	-3,383	5,0000	810,003	2,00	5,0000	810,003	9,0000	808,003	-2,000
531+18,3	11,0000	806,842	-3,000	5,0000	809,842	5,0000	809,842	-2,00	806,557	809,942	-3,385	5,0000	810,042	2,00	5,0000	810,042	10,0000	807,542	-2,500
532	11,0000	806,840	-3,000	5,0000	809,840	5,0000	809,840	-2,00	806,552	809,940	-3,388	5,0000	810,040	2,00	5,0000	810,040	10,0000	807,540	-2,500

	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
533	11,0000	806,744	-3,000	5,0000	809,744	5,0000	809,744	-2,00	806,730	809,844	-3,114	5,0000	809,944	2,00	5,0000	809,944	10,6784	807,105	-2,839
534	10,0000	807,016	-2,500	5,0000	809,516	5,0000	809,516	-2,00	806,464	809,616	-3,152	5,0000	809,716	2,00	5,0000	809,716	10,6078	806,912	-2,804
535	11,0000	806,191	-3,000	5,0000	809,191	5,0000	809,191	-2,00	805,907	809,291	-3,384	5,0000	809,391	2,00	5,0000	809,391	10,8249	806,479	-2,912
536	10,1600	806,281	-2,580	5,0000	808,861	5,0000	808,861	-2,00	807,171	808,961	-1,790	5,0000	809,061	2,00	5,0000	809,061	8,6441	807,239	-1,822
537	5,3731	808,344	-0,187	5,0000	808,531	5,0000	808,531	-2,00	808,820	808,631	0,189	5,0000	808,731	2,00	5,0000	808,731	5,4942	809,225	0,494
538	5,9446	807,732	-0,472	5,0000	808,204	5,0000	808,204	-2,00	808,167	808,304	-0,137	5,0000	808,404	2,00	5,0000	808,404	5,1447	808,549	0,145
538+16,5	7,1662	806,915	-1,083	5,0000	807,998	5,0000	807,998	-2,00	807,591	808,098	-0,507	5,0000	808,198	2,00	5,0000	808,198	5,5182	807,939	-0,259
539	7,1181	806,907	-1,059	5,0000	807,966	5,0000	807,966	-2,00	807,593	808,066	-0,473	5,0000	808,166	2,00	5,0000	808,166	5,2734	808,029	-0,137
540	6,4237	807,148	-0,712	5,0000	807,860	5,0000	807,860	-2,00	807,526	807,960	-0,434	5,0000	808,060	2,00	5,0000	808,060	5,3961	807,862	-0,198
541	5,9887	807,393	-0,494	5,0000	807,887	5,0000	807,887	-2,00	807,561	807,987	-0,426	5,0000	808,087	2,00	5,0000	808,087	5,4545	807,860	-0,227
542	5,6763	807,707	-0,338	5,0000	808,045	5,0000	808,045	-2,00	807,857	808,145	-0,288	5,0000	808,245	2,00	5,0000	808,245	5,7224	807,884	-0,361
543	5,4305	808,117	-0,215	5,0000	808,332	5,0000	808,332	-2,00	808,001	808,432	-0,431	5,0000	808,532	2,00	5,0000	808,532	9,6905	806,187	-2,345
543+9,05	5,0798	808,442	-0,040	5,0000	808,482	5,0000	808,482	-2,00	808,225	808,582	-0,357	5,0000	808,682	2,00	5,0000	808,682	10,7331	805,815	-2,867
544	5,1158	808,779	0,116	5,0000	808,663	5,0000	808,663	-2,00	808,500	808,763	-0,263	5,0000	808,863	2,00	5,0000	808,863	8,5814	807,072	-1,791
545	5,5348	809,528	0,535	5,0000	808,993	5,0000	808,993	-2,00	808,938	809,093	-0,155	5,0000	809,193	2,00	5,0000	809,193	8,4169	807,485	-1,708
546	5,3448	809,668	0,345	5,0000	809,323	5,0000	809,323	-2,00	809,148	809,423	-0,275	5,0000	809,523	2,00	5,0000	809,523	8,6239	807,711	-1,812
547	6,7675	811,420	1,767	5,0000	809,653	5,0000	809,653	-2,00	810,641	809,753	0,888	5,0000	809,853	2,00	5,0000	809,853	5,1925	810,046	0,193
548	6,4625	811,446	1,463	5,0000	809,983	5,0000	809,983	-2,00	810,824	810,083	0,741	5,0000	810,183	2,00	5,0000	810,183	5,3585	810,542	0,359
548+10,0	6,5018	811,651	1,502	5,0000	810,149	5,0000	810,149	-2,00	811,101	810,249	0,852	5,0000	810,349	2,00	5,0000	810,349	5,4157	810,765	0,416
549	6,3517	811,666	1,352	5,0000	810,314	5,0000	810,314	-2,00	811,162	810,414	0,748	5,0000	810,514	2,00	5,0000	810,514	5,4776	810,992	0,478
550	5,9188	811,563	0,919	5,0000	810,644	5,0000	810,644	-2,00	811,065	810,744	0,321	5,0000	810,844	2,00	5,0000	810,844	5,1800	811,024	0,180
551	5,2574	810,845	-0,129	5,0000	810,974	5,0000	810,974	-2,00	810,311	811,074	-0,763	5,0000	811,174	2,00	5,0000	811,174	6,7550	810,296	-0,878
552	5,1982	811,502	0,198	5,0000	811,304	5,0000	811,304	-2,00	810,717	811,404	-0,687	5,0000	811,504	2,00	5,0000	811,504	8,7989	809,605	-1,899
553	5,5223	812,156	0,522	5,0000	811,634	5,0000	811,634	-2,00	810,969	811,734	-0,765	5,0000	811,834	2,00	5,0000	811,834	7,9506	810,359	-1,475
553+3,39	6,2194	812,909	1,219	5,0000	811,690	5,0000	811,690	-2,00	811,776	811,790	-0,014	5,0000	811,890	2,00	5,0000	811,890	8,1857	810,297	-1,593
554	7,7553	810,604	-1,378	5,0000	811,982	5,0000	811,982	-2,00	810,164	812,082	-1,918	5,0000	812,182	2,00	5,0000	812,182	7,4872	810,938	-1,244
555	8,5685	810,635	-1,784	5,0000	812,419	5,0000	812,419	-2,00	811,037	812,519	-1,482	5,0000	812,619	2,00	5,0000	812,619	6,5199	811,859	-0,760
556	6,1472	812,377	-0,574	5,0000	812,951	5,0000	812,951	-2,00	812,819	813,051	-0,232	5,0000	813,151	2,00	5,0000	813,151	5,8507	814,002	0,851
557	8,9122	811,623	-1,956	5,0000	813,579	5,0000	813,579	-2,00	813,436	813,679	-0,243	5,0000	813,779	2,00	5,0000	813,779	5,9513	814,730	0,951

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
558	6,8734	813,367	-0,937	5,0000	814,304	5,0000	814,304	-2,00	813,304	814,404	-1,100	5,0000	814,504	2,00	5,0000	814,504	5,8071	814,100	-0,404
559	11,6967	811,758	-3,348	5,0000	815,106	5,0000	815,106	-2,00	811,959	815,206	-3,247	5,0000	815,306	2,00	5,0000	815,306	8,5749	813,519	-1,787
560	12,9222	811,955	-3,961	5,0000	815,916	5,0000	815,916	-2,00	812,733	816,016	-3,283	5,0000	816,116	2,00	5,0000	816,116	8,6633	814,284	-1,832
561	15,0000	811,725	-5,000	5,0000	816,725	5,0000	816,725	-2,00	813,435	816,825	-3,390	5,0000	816,925	2,00	5,0000	816,925	8,4451	815,202	-1,723
562	14,0000	813,035	-4,500	5,0000	817,535	5,0000	817,535	-2,00	816,200	817,635	-1,435	5,0000	817,735	2,00	5,0000	817,735	7,2833	820,018	2,283
563	6,9177	817,386	-0,959	5,0000	818,345	5,0000	818,345	-2,00	817,669	818,445	-0,776	5,0000	818,545	2,00	5,0000	818,545	5,5421	819,087	0,542
563+18,2	5,8219	818,674	-0,411	5,0000	819,085	5,0000	819,085	-2,00	818,788	819,185	-0,397	5,0000	819,285	2,00	5,0000	819,285	5,7003	819,985	0,700
564	5,6377	818,835	-0,319	5,0000	819,154	5,0000	819,154	-2,00	818,887	819,254	-0,367	5,0000	819,354	2,00	5,0000	819,354	5,4498	819,804	0,450
565	8,2894	818,319	-1,645	5,0000	819,964	5,0000	819,964	-2,00	817,640	820,064	-2,424	5,0000	820,164	2,00	5,0000	820,164	8,3277	818,500	-1,664
566	8,7171	818,915	-1,859	5,0000	820,774	5,0000	820,774	-2,00	818,764	820,874	-2,110	5,0000	820,974	2,00	5,0000	820,974	8,5199	819,214	-1,760
567	8,9731	819,596	-1,987	5,0000	821,583	5,0000	821,583	-2,00	820,033	821,683	-1,650	5,0000	821,783	2,00	5,0000	821,783	7,8136	820,376	-1,407
568	9,1315	820,327	-2,066	5,0000	822,393	5,0000	822,393	-2,00	820,349	822,493	-2,144	5,0000	822,593	2,00	5,0000	822,593	9,6799	820,253	-2,340
569	9,5028	820,952	-2,251	5,0000	823,203	5,0000	823,203	-2,00	820,743	823,303	-2,560	5,0000	823,403	2,00	5,0000	823,403	11,7603	820,023	-3,380
570	9,9228	821,551	-2,461	5,0000	824,012	5,0000	824,012	-2,00	820,881	824,112	-3,231	5,0000	824,212	2,00	5,0000	824,212	12,0000	820,712	-3,500
571	10,4154	822,114	-2,708	5,0000	824,822	5,0000	824,822	-2,00	821,850	824,922	-3,072	5,0000	825,022	2,00	5,0000	825,022	11,0000	822,022	-3,000
572	10,0000	823,132	-2,500	5,0000	825,632	5,0000	825,632	-2,00	822,410	825,732	-3,322	5,0000	825,832	2,00	5,0000	825,832	11,7229	822,471	-3,361
573	10,0000	823,942	-2,500	5,0000	826,442	5,0000	826,442	-2,00	823,103	826,542	-3,439	5,0000	826,642	2,00	5,0000	826,642	11,5771	823,353	-3,289
574	10,0000	824,751	-2,500	5,0000	827,251	5,0000	827,251	-2,00	823,628	827,351	-3,723	5,0000	827,451	2,00	5,0000	827,451	10,7434	824,579	-2,872
575	9,0932	826,014	-2,047	5,0000	828,061	5,0000	828,061	-2,00	825,379	828,161	-2,782	5,0000	828,261	2,00	5,0000	828,261	9,4939	826,014	-2,247
576	7,9822	827,380	-1,491	5,0000	828,871	5,0000	828,871	-2,00	827,274	828,971	-1,697	5,0000	829,071	2,00	5,0000	829,071	8,1060	827,518	-1,553
577	8,0367	828,162	-1,518	5,0000	829,680	5,0000	829,680	-2,00	828,060	829,780	-1,720	5,0000	829,880	2,00	5,0000	829,880	7,6953	828,532	-1,348
578	9,1779	828,401	-2,089	5,0000	830,490	5,0000	830,490	-2,00	828,219	830,590	-2,371	5,0000	830,690	2,00	5,0000	830,690	8,3296	829,025	-1,665
579	9,5856	828,985	-2,293	5,0000	831,278	5,0000	831,278	-2,00	830,130	831,378	-1,248	5,0000	831,478	2,00	5,0000	831,478	6,1371	830,909	-0,569
580	7,6644	830,501	-1,332	5,0000	831,833	5,0000	831,833	-2,00	830,675	831,933	-1,258	5,0000	832,033	2,00	5,0000	832,033	6,6655	831,200	-0,833
581	8,3638	830,420	-1,682	5,0000	832,102	5,0000	832,102	-2,00	830,797	832,202	-1,405	5,0000	832,302	2,00	5,0000	832,302	7,4908	831,057	-1,245
582	9,8646	829,654	-2,432	5,0000	832,086	5,0000	832,086	-2,00	829,997	832,186	-2,189	5,0000	832,286	2,00	5,0000	832,286	8,4334	830,569	-1,717
583	10,1863	829,191	-2,593	5,0000	831,784	5,0000	831,784	-2,00	829,785	831,884	-2,099	5,0000	831,984	2,00	5,0000	831,984	8,7831	830,092	-1,892
584	10,0260	828,683	-2,513	5,0000	831,196	5,0000	831,196	-2,00	828,816	831,296	-2,480	5,0000	831,396	2,00	5,0000	831,396	9,4792	829,156	-2,240
585	9,1815	828,232	-2,091	5,0000	830,323	5,0000	830,323	-2,00	827,814	830,423	-2,609	5,0000	830,523	2,00	5,0000	830,523	9,1014	828,472	-2,051

	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
586	8,4369	827,444	-1,718	5,0000	829,162	5,0000	829,162	-2,00	826,586	829,262	-2,676	5,0000	829,362	2,00	5,0000	829,362	8,3988	827,663	-1,699
587	7,4738	826,499	-1,237	5,0000	827,736	5,0000	827,736	-2,00	825,926	827,836	-1,910	5,0000	827,936	2,00	5,0000	827,936	7,5570	826,657	-1,279
588	7,0738	825,219	-1,037	5,0000	826,256	5,0000	826,256	-2,00	824,976	826,356	-1,380	5,0000	826,456	2,00	5,0000	826,456	6,9489	825,482	-0,974
588+14,7	7,0000	824,163	-1,000	5,0000	825,163	5,0000	825,163	-2,00	823,986	825,263	-1,277	5,0000	825,363	2,00	5,0000	825,363	7,0000	824,363	-1,000
589	6,0000	824,276	-0,500	5,0000	824,776	5,0000	824,776	-2,00	823,588	824,876	-1,288	5,0000	824,976	2,00	5,0000	824,976	7,2225	823,865	-1,111
590						5,0000	823,297	-2,00	822,242	823,397	-1,155	5,0000	823,497	2,00	5,0000	823,497	6,8566	822,569	-0,928
591	5,0000	821,817	0,000	5,0000	821,817	5,0000	821,817	-2,00	820,818	821,917	-1,099	5,0000	822,017	2,00	5,0000	822,017	6,5521	821,241	-0,776
592	6,0000	819,837	-0,500	5,0000	820,337	5,0000	820,337	-2,00	819,182	820,437	-1,255	5,0000	820,537	2,00	5,0000	820,537	6,8455	819,614	-0,923
593	6,0000	818,357	-0,500	5,0000	818,857	5,0000	818,857	-2,00	817,812	818,957	-1,145	5,0000	819,057	2,00	5,0000	819,057	8,3304	817,392	-1,665
594						5,0000	817,378	-2,00	816,065	817,478	-1,413	5,0000	817,578	2,00	5,0000	817,578	8,7075	815,724	-1,854
595						5,0000	815,898	-2,00	813,866	815,998	-2,132	5,0000	816,098	2,00	5,0000	816,098	8,8526	814,172	-1,926
596						5,0000	814,426	-2,00	811,843	814,526	-2,683	5,0000	814,626	2,00	5,0000	814,626	10,1271	812,062	-2,564
596+6,68	5,0000	813,960	0,000	5,0000	813,960	5,0000	813,960	-2,00	811,202	814,060	-2,858	5,0000	814,160	2,00	5,0000	814,160	10,7835	811,268	-2,892
597	5,0000	813,093	0,000	5,0000	813,093	5,0000	813,093	-2,00	810,707	813,193	-2,486	5,0000	813,293	2,00	5,0000	813,293	10,8478	810,369	-2,924
598	5,0712	811,912	-0,036	5,0000	811,948	5,0000	811,948	-2,00	812,231	812,048	0,183	5,0000	812,148	2,00	5,0000	812,148	8,5457	810,375	-1,773
598+2,41	5,2540	812,076	0,254	5,0000	811,822	5,0000	811,822	-2,00	812,064	811,922	0,142	5,0000	812,022	2,00	5,0000	812,022	7,7128	810,666	-1,356
599	5,3446	811,335	0,345	5,0000	810,990	5,0000	810,990	-2,00	810,807	811,090	-0,283	5,0000	811,190	2,00	5,0000	811,190	9,4901	808,945	-2,245
600	5,8593	811,077	0,859	5,0000	810,218	5,0000	810,218	-2,00	810,178	810,318	-0,140	5,0000	810,418	2,00	5,0000	810,418	7,5313	809,152	-1,266
601	5,5499	810,176	0,550	5,0000	809,626	5,0000	809,626	-2,00	809,884	809,726	0,158	5,0000	809,826	2,00	5,0000	809,826	5,1168	809,943	0,117
602	5,6223	809,703	0,622	5,0000	809,081	5,0000	809,081	-2,00	809,069	809,181	-0,112	5,0000	809,281	2,00	5,0000	809,281	7,2986	808,132	-1,149
603	5,7848	809,320	0,785	5,0000	808,535	5,0000	808,535	-2,00	809,054	808,635	0,419	5,0000	808,735	2,00	5,0000	808,735	5,6706	808,400	-0,335
604	5,2228	807,879	-0,111	5,0000	807,990	5,0000	807,990	-2,00	807,448	808,090	-0,642	5,0000	808,190	2,00	5,0000	808,190	6,6425	807,369	-0,821
604+12,6	5,8227	807,233	-0,411	5,0000	807,644	5,0000	807,644	-2,00	806,907	807,744	-0,837	5,0000	807,844	2,00	5,0000	807,844	7,2904	806,699	-1,145
605	5,9549	806,968	-0,477	5,0000	807,445	5,0000	807,445	-2,00	806,546	807,545	-0,999	5,0000	807,645	2,00	5,0000	807,645	8,1572	806,066	-1,579
606	5,8399	806,480	-0,420	5,0000	806,900	5,0000	806,900	-2,00	805,970	807,000	-1,030	5,0000	807,100	2,00	5,0000	807,100	8,9101	805,145	-1,955
607	5,8730	805,919	-0,436	5,0000	806,355	5,0000	806,355	-2,00	805,547	806,455	-0,908	5,0000	806,555	2,00	5,0000	806,555	9,0592	804,525	-2,030
608	5,7740	805,422	-0,387	5,0000	805,809	5,0000	805,809	-2,00	804,938	805,909	-0,971	5,0000	806,009	2,00	5,0000	806,009	8,6650	804,176	-1,833
609	5,3282	805,100	-0,164	5,0000	805,264	5,0000	805,264	-2,00	804,644	805,364	-0,720	5,0000	805,464	2,00	5,0000	805,464	7,9544	803,987	-1,477
610	5,1542	804,873	0,154	5,0000	804,719	5,0000	804,719	-2,00	804,492	804,819	-0,327	5,0000	804,919	2,00	5,0000	804,919	6,9714	803,933	-0,986

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
611	5,3428	804,517	0,343	5,0000	804,174	5,0000	804,174	-2,00	804,085	804,274	-0,189	5,0000	804,374	2,00	5,0000	804,374	6,6524	803,548	-0,826
612	5,5179	804,147	0,518	5,0000	803,629	5,0000	803,629	-2,00	803,721	803,729	-0,008	5,0000	803,829	2,00	5,0000	803,829	6,1659	803,246	-0,583
613	5,6123	803,696	0,612	5,0000	803,084	5,0000	803,084	-2,00	803,341	803,184	0,157	5,0000	803,284	2,00	5,0000	803,284	5,8052	802,881	-0,403
614	5,2597	802,798	0,260	5,0000	802,538	5,0000	802,538	-2,00	802,519	802,638	-0,119	5,0000	802,738	2,00	5,0000	802,738	6,0850	802,195	-0,543
615	5,2605	801,863	-0,130	5,0000	801,993	5,0000	801,993	-2,00	801,749	802,093	-0,344	5,0000	802,193	2,00	5,0000	802,193	6,1545	801,616	-0,577
616	5,4609	801,218	-0,230	5,0000	801,448	5,0000	801,448	-2,00	801,226	801,548	-0,322	5,0000	801,648	2,00	5,0000	801,648	5,8247	801,236	-0,412
616+2,08	5,5241	801,129	-0,262	5,0000	801,391	5,0000	801,391	-2,00	801,138	801,491	-0,353	5,0000	801,591	2,00	5,0000	801,591	5,8554	801,163	-0,428