

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
	istânci	Cota	Altura	istânci	Cota	istânci	Cota	%	Terreno	Projeto	Vermelha	istânci	Cota	%	istânci	Cota	istânci	Cota	Altura
0	3,649	85,395	-0,149	3,500	85,544	3,500	85,544	-2,00	85,414	85,614	-0,200	3,500	85,544	-2,00	3,500	85,544	3,643	85,401	-0,143
1	3,686	85,612	-0,186	3,500	85,798	3,500	85,798	-2,00	85,668	85,868	-0,200	3,500	85,798	-2,00	3,500	85,798	3,626	85,672	-0,126
2	3,570	85,746	-0,070	3,500	85,816	3,500	85,816	-2,00	85,738	85,886	-0,148	3,500	85,816	-2,00	3,500	85,816	3,615	85,701	-0,115
3	3,571	85,802	0,071	3,500	85,731	3,500	85,731	-2,00	85,633	85,801	-0,168	3,500	85,731	-2,00	3,500	85,731	3,623	85,609	-0,122
4	3,602	85,669	0,102	3,500	85,567	3,500	85,567	-2,00	85,464	85,637	-0,173	3,500	85,567	-2,00	3,500	85,567	3,586	85,481	-0,086
5	3,631	85,217	-0,131	3,500	85,348	3,500	85,348	-2,00	85,200	85,418	-0,218	3,500	85,348	-2,00	3,500	85,348	3,543	85,305	-0,043
6	3,629	84,938	-0,129	3,500	85,067	3,500	85,067	-2,00	84,971	85,137	-0,166	3,500	85,067	-2,00	3,500	85,067	3,596	85,163	0,096
7	3,598	84,620	-0,098	3,500	84,718	3,500	84,718	-2,00	84,696	84,788	-0,092	3,500	84,718	-2,00	3,500	84,718	3,525	84,693	-0,025
7+16,35	3,569	84,335	-0,069	3,500	84,404	3,500	84,404	-2,00	84,274	84,474	-0,200	3,500	84,404	-2,00	3,500	84,404	3,576	84,328	-0,076
8	3,506	84,321	0,006	3,500	84,315	3,500	84,315	-2,00	84,305	84,385	-0,080	3,500	84,315	-2,00	3,500	84,315	3,594	84,221	-0,094
9	3,573	83,897	0,073	3,500	83,824	3,500	83,824	-2,00	83,727	83,894	-0,167	3,500	83,824	-2,00	3,500	83,824	3,687	83,637	-0,187
10	3,647	83,462	0,147	3,500	83,315	3,500	83,315	-2,00	83,203	83,385	-0,182	3,500	83,315	-2,00	3,500	83,315	3,754	83,061	-0,254
11	3,520	82,791	0,020	3,500	82,771	3,500	82,771	-2,00	82,589	82,841	-0,252	3,500	82,771	-2,00	3,500	82,771	3,732	82,539	-0,232
12	3,520	82,195	0,020	3,500	82,175	3,500	82,175	-2,00	82,079	82,245	-0,166	3,500	82,175	-2,00	3,500	82,175	3,704	81,971	-0,204
13	3,650	81,662	0,150	3,500	81,512	3,500	81,512	-2,00	81,367	81,582	-0,215	3,500	81,512	-2,00	3,500	81,512	3,549	81,463	-0,049
14	3,532	80,847	0,032	3,500	80,815	3,500	80,815	-2,00	80,602	80,885	-0,283	3,500	80,815	-2,00	3,500	80,815	3,775	80,540	-0,275
15	3,530	80,148	0,030	3,500	80,118	3,500	80,118	-2,00	80,034	80,188	-0,154	3,500	80,118	-2,00	3,500	80,118	3,725	79,893	-0,225
15+7,14	3,502	79,866	-0,002	3,500	79,868	3,500	79,868	-2,00	79,739	79,938	-0,199	3,500	79,868	-2,00	3,500	79,868	3,778	79,590	-0,278



Paulo Guimarães
Arquiteto e Urbanista
Cajá - AP A125622-4

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
	istânci	Cota	Altura	istânci	Cota	istânci	Cota	%	Terreno	Projeto	vermelha	istânci	Cota	%	istânci	Cota	istânci	Cota	Altura
0	3,654	86,342	-0,154	3,500	86,496	3,500	86,496	-2,00	86,266	86,566	-0,300	3,500	86,496	-2,00	3,500	86,496	3,811	86,185	-0,311
1	3,645	86,326	-0,145	3,500	86,471	3,500	86,471	-2,00	86,326	86,541	-0,215	3,500	86,471	-2,00	3,500	86,471	3,790	86,181	-0,290
2	3,762	86,708	0,262	3,500	86,446	3,500	86,446	-2,00	86,344	86,516	-0,172	3,500	86,446	-2,00	3,500	86,446	3,705	86,241	-0,205
3	3,817	86,738	0,317	3,500	86,421	3,500	86,421	-2,00	86,315	86,491	-0,176	3,500	86,421	-2,00	3,500	86,421	3,641	86,280	-0,141
4	3,590	86,467	0,090	3,500	86,377	3,500	86,377	-2,00	86,266	86,447	-0,181	3,500	86,377	-2,00	3,500	86,377	3,608	86,269	-0,108
5	3,604	86,398	0,104	3,500	86,294	3,500	86,294	-2,00	86,172	86,364	-0,192	3,500	86,294	-2,00	3,500	86,294	3,632	86,162	-0,132
6	3,548	86,107	-0,048	3,500	86,155	3,500	86,155	-2,00	86,061	86,225	-0,164	3,500	86,155	-2,00	3,500	86,155	3,624	86,031	-0,124
7	3,642	85,804	-0,142	3,500	85,946	3,500	85,946	-2,00	85,822	86,016	-0,194	3,500	85,946	-2,00	3,500	85,946	3,601	85,845	-0,101
7+16,01	3,601	85,650	-0,101	3,500	85,751	3,500	85,751	-2,00	85,621	85,821	-0,200	3,500	85,751	-2,00	3,500	85,751	3,616	85,635	-0,116
8	3,535	85,655	-0,035	3,500	85,690	3,500	85,690	-2,00	85,627	85,760	-0,133	3,500	85,690	-2,00	3,500	85,690	3,592	85,598	-0,092
9	3,544	85,433	0,044	3,500	85,389	3,500	85,389	-2,00	85,347	85,459	-0,112	3,500	85,389	-2,00	3,500	85,389	3,593	85,296	-0,093
10	3,512	85,058	-0,012	3,500	85,070	3,500	85,070	-2,00	84,958	85,140	-0,182	3,500	85,070	-2,00	3,500	85,070	3,640	84,930	-0,140
11	3,542	84,674	-0,042	3,500	84,716	3,500	84,716	-2,00	84,559	84,786	-0,227	3,500	84,716	-2,00	3,500	84,716	3,622	84,594	-0,122
12	3,579	84,237	-0,079	3,500	84,316	3,500	84,316	-2,00	84,214	84,386	-0,172	3,500	84,316	-2,00	3,500	84,316	3,640	84,176	-0,140
13	3,549	83,811	-0,049	3,500	83,860	3,500	83,860	-2,00	83,760	83,930	-0,170	3,500	83,860	-2,00	3,500	83,860	3,653	83,707	-0,153
14	3,579	83,256	-0,079	3,500	83,335	3,500	83,335	-2,00	83,246	83,405	-0,159	3,500	83,335	-2,00	3,500	83,335	3,634	83,201	-0,134
15	3,526	82,755	0,026	3,500	82,729	3,500	82,729	-2,00	82,650	82,799	-0,149	3,500	82,729	-2,00	3,500	82,729	3,599	82,630	-0,099
15+1,73	3,538	82,711	0,038	3,500	82,673	3,500	82,673	-2,00	82,599	82,743	-0,144	3,500	82,673	-2,00	3,500	82,673	3,593	82,580	-0,093
16	3,560	82,022	-0,060	3,500	82,082	3,500	82,082	-2,00	81,946	82,152	-0,206	3,500	82,082	-2,00	3,500	82,082	3,708	81,874	-0,208
16+5,46	3,535	81,871	-0,035	3,500	81,906	3,500	81,906	-2,00	81,776	81,976	-0,200	3,500	81,906	-2,00	3,500	81,906	3,992	81,414	-0,492



 Paulo Guimarães

 Arquiteto e Urbanista

 Crea - AP 0125622-4

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
	istânci	Cota	Altura	istânci	Cota	istânci	Cota	%	Terreno	Projeto	vermelha	istânci	Cota	%	istânci	Cota	istânci	Cota	Altura
0	3,722	75,951	-0,221	3,500	76,172	3,500	76,172	-2,00	75,942	76,242	-0,300	3,500	76,172	-2,00	3,500	76,172	3,709	75,963	-0,209
1	3,559	77,156	-0,059	3,500	77,215	3,500	77,215	-2,00	77,140	77,285	-0,145	3,500	77,215	-2,00	3,500	77,215	3,726	76,989	-0,226
2	3,778	77,870	-0,278	3,500	78,148	3,500	78,148	-2,00	77,958	78,218	-0,260	3,500	78,148	-2,00	3,500	78,148	3,646	78,002	-0,146
3	3,714	78,792	-0,214	3,500	79,006	3,500	79,006	-2,00	78,896	79,076	-0,180	3,500	79,006	-2,00	3,500	79,006	3,592	78,914	-0,092
3+2,710	3,704	78,915	-0,204	3,500	79,119	3,500	79,119	-2,00	79,020	79,189	-0,169	3,500	79,119	-2,00	3,500	79,119	3,582	79,037	-0,082
4	3,645	79,680	-0,145	3,500	79,825	3,500	79,825	-2,00	79,742	79,895	-0,153	3,500	79,825	-2,00	3,500	79,825	3,580	79,745	-0,080
5	3,645	80,479	-0,145	3,500	80,624	3,500	80,624	-2,00	80,494	80,694	-0,200	3,500	80,624	-2,00	3,500	80,624	3,616	80,509	-0,115
5+11,37	3,636	80,942	-0,136	3,500	81,078	3,500	81,078	-2,00	80,948	81,148	-0,200	3,500	81,078	-2,00	3,500	81,078	3,578	81,001	-0,077
6	3,587	81,346	-0,087	3,500	81,433	3,500	81,433	-2,00	81,397	81,503	-0,106	3,500	81,433	-2,00	3,500	81,433	3,506	81,427	-0,006
7	3,583	82,173	-0,083	3,500	82,256	3,500	82,256	-2,00	82,215	82,326	-0,111	3,500	82,256	-2,00	3,500	82,256	3,516	82,271	0,015
8	3,699	82,881	-0,199	3,500	83,080	3,500	83,080	-2,00	82,960	83,150	-0,190	3,500	83,080	-2,00	3,500	83,080	3,502	83,078	-0,002
8+7,006	3,692	83,176	-0,192	3,500	83,368	3,500	83,368	-2,00	83,238	83,438	-0,200	3,500	83,368	-2,00	3,500	83,368	3,523	83,345	-0,023
8+13,26	3,630	83,428	-0,130	3,500	83,558	3,500	83,558	-2,00	83,484	83,628	-0,144	3,500	83,558	-2,00	3,500	83,558	3,510	83,548	-0,010
9	3,659	83,590	-0,159	3,500	83,749	3,500	83,749	-2,00	83,646	83,819	-0,173	3,500	83,749	-2,00	3,500	83,749	3,506	83,743	-0,006
9+13,26	3,646	83,910	-0,146	3,500	84,056	3,500	84,056	-2,00	84,032	84,126	-0,094	3,500	84,056	-2,00	3,500	84,056	3,571	84,127	0,071
10	3,646	84,030	-0,146	3,500	84,176	3,500	84,176	-2,00	84,067	84,246	-0,179	3,500	84,176	-2,00	3,500	84,176	3,615	84,291	0,115
10+13,2	3,572	84,270	-0,072	3,500	84,342	3,500	84,342	-2,00	84,294	84,412	-0,118	3,500	84,342	-2,00	3,500	84,342	3,727	84,569	0,227
11	3,509	84,393	-0,009	3,500	84,402	3,500	84,402	-2,00	84,409	84,472	-0,063	3,500	84,402	-2,00	3,500	84,402	3,808	84,710	0,308
11+5,43	3,714	84,237	-0,214	3,500	84,451	3,500	84,451	-2,00	84,321	84,521	-0,200	3,500	84,451	-2,00	3,500	84,451	3,505	84,446	-0,005



 Paulo Guimarães

 Arquiteto e Urbanista

 CREA - AP 0135622-4

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
	istânci	Cota	Altura	istânci	Cota	istânci	Cota	%	Terreno	Projeto	vermelha	istânci	Cota	%	istânci	Cota	istânci	Cota	Altura
0	3,638	83,983	-0,138	3,500	84,121	3,500	84,121	-2,00	83,991	84,191	-0,200	3,500	84,121	-2,00	3,500	84,121	3,601	84,020	-0,101
1	3,623	84,314	-0,123	3,500	84,437	3,500	84,437	-2,00	84,353	84,507	-0,154	3,500	84,437	-2,00	3,500	84,437	3,537	84,474	0,037
2	3,650	84,532	-0,150	3,500	84,682	3,500	84,682	-2,00	84,623	84,752	-0,129	3,500	84,682	-2,00	3,500	84,682	3,583	84,765	0,083
3	3,730	84,554	-0,230	3,500	84,784	3,500	84,784	-2,00	84,655	84,854	-0,199	3,500	84,784	-2,00	3,500	84,784	3,540	84,744	-0,040
3+5,859	3,728	84,565	-0,228	3,500	84,793	3,500	84,793	-2,00	84,666	84,863	-0,197	3,500	84,793	-2,00	3,500	84,793	3,555	84,738	-0,055
4	3,770	84,545	-0,270	3,500	84,815	3,500	84,815	-2,00	84,669	84,885	-0,216	3,500	84,815	-2,00	3,500	84,815	3,575	84,741	-0,074
5	3,782	84,564	-0,282	3,500	84,846	3,500	84,846	-2,00	84,695	84,916	-0,221	3,500	84,846	-2,00	3,500	84,846	3,606	84,740	-0,106
6	3,693	84,663	-0,193	3,500	84,856	3,500	84,856	-2,00	84,747	84,926	-0,179	3,500	84,856	-2,00	3,500	84,856	3,511	84,845	-0,011
6+6,976	3,669	84,682	-0,169	3,500	84,851	3,500	84,851	-2,00	84,765	84,921	-0,156	3,500	84,851	-2,00	3,500	84,851	3,542	84,893	0,042
7	3,630	84,696	-0,130	3,500	84,826	3,500	84,826	-2,00	84,771	84,896	-0,125	3,500	84,826	-2,00	3,500	84,826	3,516	84,842	0,016
8	3,630	84,646	-0,130	3,500	84,776	3,500	84,776	-2,00	84,679	84,846	-0,167	3,500	84,776	-2,00	3,500	84,776	3,502	84,775	-0,001
8+1,492	3,627	84,646	-0,127	3,500	84,773	3,500	84,773	-2,00	84,643	84,843	-0,200	3,500	84,773	-2,00	3,500	84,773	3,526	84,799	0,026
9	3,627	84,696	-0,127	3,500	84,823	3,500	84,823	-2,00	84,746	84,893	-0,147	3,500	84,823	-2,00	3,500	84,823	3,580	84,902	0,079
10	3,658	84,720	-0,158	3,500	84,878	3,500	84,878	-2,00	84,796	84,948	-0,152	3,500	84,878	-2,00	3,500	84,878	3,577	84,955	0,077
11	3,662	84,771	-0,162	3,500	84,933	3,500	84,933	-2,00	84,838	85,003	-0,165	3,500	84,933	-2,00	3,500	84,933	3,556	84,989	0,056
12	3,621	84,808	-0,121	3,500	84,929	3,500	84,929	-2,00	84,858	84,999	-0,141	3,500	84,929	-2,00	3,500	84,929	3,538	84,967	0,038
13	3,585	84,726	-0,084	3,500	84,810	3,500	84,810	-2,00	84,739	84,880	-0,141	3,500	84,810	-2,00	3,500	84,810	3,553	84,757	-0,053
14	3,585	84,547	-0,085	3,500	84,632	3,500	84,632	-2,00	84,562	84,702	-0,140	3,500	84,632	-2,00	3,500	84,632	3,555	84,577	-0,055
15	3,668	84,286	-0,168	3,500	84,454	3,500	84,454	-2,00	84,316	84,524	-0,208	3,500	84,454	-2,00	3,500	84,454	3,601	84,353	-0,101
16	3,584	84,138	-0,084	3,500	84,222	3,500	84,222	-2,00	84,147	84,292	-0,145	3,500	84,222	-2,00	3,500	84,222	3,647	84,075	-0,147
17	3,681	83,700	-0,181	3,500	83,881	3,500	83,881	-2,00	83,644	83,951	-0,307	3,500	83,881	-2,00	3,500	83,881	3,795	83,586	-0,295
17+3,78	3,626	83,680	-0,126	3,500	83,806	3,500	83,806	-2,00	83,676	83,876	-0,200	3,500	83,806	-2,00	3,500	83,806	3,686	83,620	-0,186


Paulo Guimarães
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 Cóp - AP A135632-4

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
	istânci	Cota	Altura	istânci	Cota	istânci	Cota	%	Terreno	Projeto	vermelha	istânci	Cota	%	istânci	Cota	istânci	Cota	Altura
0	3,651	80,473	-0,151	3,500	80,624	3,500	80,624	-2,00	80,494	80,694	-0,200	3,500	80,624	-2,00	3,500	80,624	3,593	80,531	-0,093
1	3,701	80,934	-0,201	3,500	81,135	3,500	81,135	-2,00	80,997	81,205	-0,208	3,500	81,135	-2,00	3,500	81,135	3,529	81,164	0,029
2	3,694	81,419	-0,194	3,500	81,613	3,500	81,613	-2,00	81,516	81,683	-0,167	3,500	81,613	-2,00	3,500	81,613	3,508	81,605	-0,008
3	3,720	81,803	-0,220	3,500	82,023	3,500	82,023	-2,00	81,897	82,093	-0,196	3,500	82,023	-2,00	3,500	82,023	3,508	82,031	0,008
3+0,415	3,730	81,801	-0,230	3,500	82,031	3,500	82,031	-2,00	81,901	82,101	-0,200	3,500	82,031	-2,00	3,500	82,031	3,508	82,039	0,008
4	3,536	82,159	-0,036	3,500	82,195	3,500	82,195	-2,00	82,143	82,265	-0,122	3,500	82,195	-2,00	3,500	82,195	3,580	82,275	0,080
5	3,659	82,152	-0,159	3,500	82,311	3,500	82,311	-2,00	82,232	82,381	-0,149	3,500	82,311	-2,00	3,500	82,311	3,534	82,345	0,034
5+18,41	3,868	81,959	-0,368	3,500	82,327	3,500	82,327	-2,00	81,959	82,397	-0,438	3,500	82,327	-2,00	3,500	82,327	3,516	82,311	-0,016
6	3,871	81,954	-0,371	3,500	82,325	3,500	82,325	-2,00	82,050	82,395	-0,345	3,500	82,325	-2,00	3,500	82,325	3,514	82,311	-0,014
7	3,645	82,143	-0,145	3,500	82,288	3,500	82,288	-2,00	82,235	82,358	-0,123	3,500	82,288	-2,00	3,500	82,288	3,606	82,394	0,106
8	3,729	82,021	-0,229	3,500	82,250	3,500	82,250	-2,00	82,144	82,320	-0,176	3,500	82,250	-2,00	3,500	82,250	3,514	82,236	-0,014
9	3,826	81,887	-0,326	3,500	82,213	3,500	82,213	-2,00	82,056	82,283	-0,227	3,500	82,213	-2,00	3,500	82,213	3,613	82,100	-0,113
9+18,42	3,750	81,929	-0,250	3,500	82,179	3,500	82,179	-2,00	82,042	82,249	-0,207	3,500	82,179	-2,00	3,500	82,179	3,581	82,098	-0,081
10	3,742	81,934	-0,242	3,500	82,176	3,500	82,176	-2,00	82,040	82,246	-0,206	3,500	82,176	-2,00	3,500	82,176	3,575	82,101	-0,075
10+18,4	3,739	81,927	-0,239	3,500	82,166	3,500	82,166	-2,00	82,011	82,236	-0,225	3,500	82,166	-2,00	3,500	82,166	3,525	82,141	-0,025
11	3,735	81,933	-0,235	3,500	82,168	3,500	82,168	-2,00	82,017	82,238	-0,221	3,500	82,168	-2,00	3,500	82,168	3,521	82,148	-0,020
11+18,4	3,704	82,000	-0,204	3,500	82,204	3,500	82,204	-2,00	82,099	82,274	-0,175	3,500	82,204	-2,00	3,500	82,204	3,526	82,230	0,026
12	3,703	82,006	-0,203	3,500	82,209	3,500	82,209	-2,00	82,106	82,279	-0,173	3,500	82,209	-2,00	3,500	82,209	3,528	82,237	0,028
13	3,748	82,023	-0,248	3,500	82,271	3,500	82,271	-2,00	82,135	82,341	-0,206	3,500	82,271	-2,00	3,500	82,271	3,519	82,290	0,019
14	3,929	81,905	-0,429	3,500	82,334	3,500	82,334	-2,00	82,171	82,404	-0,233	3,500	82,334	-2,00	3,500	82,334	3,579	82,413	0,079
14+6,68	3,784	82,071	-0,284	3,500	82,355	3,500	82,355	-2,00	82,225	82,425	-0,200	3,500	82,355	-2,00	3,500	82,355	3,557	82,412	0,057



Paulo Guimarães
Arquiteto e Urbanista
COP - AP A125622-4

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
	istânci	Cota	Altura	istânci	Cota	istânci	Cota	%	Terreno	Projeto	vermelha	istânci	Cota	%	istânci	Cota	istânci	Cota	Altura
0	3,671	74,593	-0,171	3,500	74,764	3,500	74,764	-2,00	74,634	74,834	-0,200	3,500	74,764	-2,00	3,500	74,764	3,630	74,634	-0,130
1	3,815	75,229	-0,315	3,500	75,544	3,500	75,544	-2,00	75,224	75,614	-0,390	3,500	75,544	-2,00	3,500	75,544	3,782	75,263	-0,281
2	3,851	75,973	-0,351	3,500	76,324	3,500	76,324	-2,00	76,046	76,394	-0,348	3,500	76,324	-2,00	3,500	76,324	3,659	76,165	-0,159
2+18,91	3,544	77,017	-0,044	3,500	77,061	3,500	77,061	-2,00	76,928	77,131	-0,203	3,500	77,061	-2,00	3,500	77,061	3,538	77,023	-0,038
3	3,535	77,069	-0,035	3,500	77,104	3,500	77,104	-2,00	76,974	77,174	-0,200	3,500	77,104	-2,00	3,500	77,104	3,548	77,056	-0,048
4	3,541	77,765	-0,041	3,500	77,806	3,500	77,806	-2,00	77,721	77,876	-0,155	3,500	77,806	-2,00	3,500	77,806	3,618	77,688	-0,118
4+16,43	3,708	78,176	-0,208	3,500	78,384	3,500	78,384	-2,00	78,254	78,454	-0,200	3,500	78,384	-2,00	3,500	78,384	3,549	78,335	-0,049
5	3,685	78,298	-0,184	3,500	78,482	3,500	78,482	-2,00	78,383	78,552	-0,169	3,500	78,482	-2,00	3,500	78,482	3,517	78,465	-0,017
6	3,503	79,033	-0,002	3,500	79,035	3,500	79,035	-2,00	78,848	79,105	-0,257	3,500	79,035	-2,00	3,500	79,035	3,520	79,055	0,020
7	3,531	79,618	0,031	3,500	79,587	3,500	79,587	-2,00	79,666	79,657	0,009	3,500	79,587	-2,00	3,500	79,587	3,564	79,651	0,064
7+19,36	3,610	80,012	-0,110	3,500	80,122	3,500	80,122	-2,00	79,992	80,192	-0,200	3,500	80,122	-2,00	3,500	80,122	3,632	79,990	-0,132
8	3,621	80,017	-0,121	3,500	80,138	3,500	80,138	-2,00	79,997	80,208	-0,211	3,500	80,138	-2,00	3,500	80,138	3,639	79,999	-0,139
9	3,574	80,502	-0,074	3,500	80,576	3,500	80,576	-2,00	80,505	80,646	-0,141	3,500	80,576	-2,00	3,500	80,576	3,597	80,673	0,097
10	3,623	80,774	-0,123	3,500	80,897	3,500	80,897	-2,00	80,810	80,967	-0,157	3,500	80,897	-2,00	3,500	80,897	3,510	80,887	-0,010
11	3,653	81,005	-0,153	3,500	81,158	3,500	81,158	-2,00	81,030	81,228	-0,198	3,500	81,158	-2,00	3,500	81,158	3,626	81,032	-0,126
11+1,30	3,657	81,018	-0,157	3,500	81,175	3,500	81,175	-2,00	81,045	81,245	-0,200	3,500	81,175	-2,00	3,500	81,175	3,638	81,037	-0,138
12	3,585	81,028	-0,085	3,500	81,113	3,500	81,113	-2,00	80,977	81,183	-0,206	3,500	81,113	-2,00	3,500	81,113	3,575	81,188	0,075
13	3,609	80,938	-0,109	3,500	81,047	3,500	81,047	-2,00	81,023	81,117	-0,094	3,500	81,047	-2,00	3,500	81,047	3,606	81,153	0,106
13+13,7	3,715	80,786	-0,215	3,500	81,001	3,500	81,001	-2,00	80,771	81,071	-0,300	3,500	81,001	-2,00	3,500	81,001	3,742	80,760	-0,241



 Paulo Guimarães

 Arquiteto e Urbanista

 CREA - AP-A135622-4

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
	istânci	Cota	Altura	istânci	Cota	istânci	Cota	%	Terreno	Projeto	vermelha	istânci	Cota	%	istânci	Cota	istânci	Cota	Altura
0	3,606	76,343	-0,106	3,500	76,449	3,500	76,449	-2,00	76,319	76,519	-0,200	3,500	76,449	-2,00	3,500	76,449	3,657	76,292	-0,157
1	3,508	77,058	0,008	3,500	77,050	3,500	77,050	-2,00	77,040	77,120	-0,080	3,500	77,050	-2,00	3,500	77,050	3,528	77,022	-0,028
2	3,551	77,702	0,051	3,500	77,651	3,500	77,651	-2,00	77,540	77,721	-0,181	3,500	77,651	-2,00	3,500	77,651	3,574	77,577	-0,074
2+18,36	3,551	78,153	-0,051	3,500	78,204	3,500	78,204	-2,00	78,074	78,274	-0,200	3,500	78,204	-2,00	3,500	78,204	3,631	78,073	-0,131
3	3,537	78,204	-0,037	3,500	78,241	3,500	78,241	-2,00	78,140	78,311	-0,171	3,500	78,241	-2,00	3,500	78,241	3,608	78,133	-0,108
4	3,607	78,590	-0,107	3,500	78,697	3,500	78,697	-2,00	78,588	78,767	-0,179	3,500	78,697	-2,00	3,500	78,697	3,526	78,671	-0,026
5	3,560	79,054	-0,060	3,500	79,114	3,500	79,114	-2,00	79,023	79,184	-0,161	3,500	79,114	-2,00	3,500	79,114	3,521	79,093	-0,021
6	3,668	79,284	-0,168	3,500	79,452	3,500	79,452	-2,00	79,322	79,522	-0,200	3,500	79,452	-2,00	3,500	79,452	3,506	79,458	0,006
6+1,245	3,661	79,310	-0,161	3,500	79,471	3,500	79,471	-2,00	79,341	79,541	-0,200	3,500	79,471	-2,00	3,500	79,471	3,503	79,468	-0,003
7	3,612	79,557	-0,112	3,500	79,669	3,500	79,669	-2,00	79,589	79,739	-0,150	3,500	79,669	-2,00	3,500	79,669	3,512	79,681	0,012
8	3,559	79,598	-0,059	3,500	79,657	3,500	79,657	-2,00	79,546	79,727	-0,181	3,500	79,657	-2,00	3,500	79,657	3,543	79,700	0,043
8+19,05	3,582	79,564	-0,082	3,500	79,646	3,500	79,646	-2,00	79,516	79,716	-0,200	3,500	79,646	-2,00	3,500	79,646	3,605	79,541	-0,105
9	3,562	79,578	-0,062	3,500	79,640	3,500	79,640	-2,00	79,530	79,710	-0,180	3,500	79,640	-2,00	3,500	79,640	3,614	79,526	-0,114
10	3,521	79,391	-0,021	3,500	79,412	3,500	79,412	-2,00	79,376	79,482	-0,106	3,500	79,412	-2,00	3,500	79,412	3,501	79,413	0,001
11	3,657	78,839	-0,156	3,500	78,995	3,500	78,995	-2,00	78,928	79,065	-0,137	3,500	78,995	-2,00	3,500	78,995	3,558	78,937	-0,058
11+15,4	3,722	78,378	-0,222	3,500	78,600	3,500	78,600	-2,00	78,470	78,670	-0,200	3,500	78,600	-2,00	3,500	78,600	3,527	78,574	-0,026



 Paulo Guimarães

 Arquiteto e Urbanista

 Cóp - AP A135622-4

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
	istânci	Cota	Altura	istânci	Cota	istânci	Cota	%	Terreno	Projeto	vermelha	istânci	Cota	%	istânci	Cota	istânci	Cota	Altura
0	3,679	75,464	-0,179	3,500	75,643	3,500	75,643	-2,00	75,513	75,713	-0,200	3,500	75,643	-2,00	3,500	75,643	3,603	75,540	-0,103
1	3,623	75,970	-0,123	3,500	76,093	3,500	76,093	-2,00	75,986	76,163	-0,177	3,500	76,093	-2,00	3,500	76,093	3,527	76,120	0,027
2	3,612	76,431	-0,112	3,500	76,543	3,500	76,543	-2,00	76,454	76,613	-0,159	3,500	76,543	-2,00	3,500	76,543	3,509	76,552	0,009
2+14,78	3,717	76,658	-0,217	3,500	76,875	3,500	76,875	-2,00	76,745	76,945	-0,200	3,500	76,875	-2,00	3,500	76,875	3,510	76,865	-0,010
3	3,727	76,765	-0,227	3,500	76,992	3,500	76,992	-2,00	76,866	77,062	-0,196	3,500	76,992	-2,00	3,500	76,992	3,526	76,966	-0,026
4	3,551	77,328	-0,051	3,500	77,379	3,500	77,379	-2,00	77,409	77,449	-0,040	3,500	77,379	-2,00	3,500	77,379	3,624	77,503	0,124
5	3,561	77,708	0,061	3,500	77,647	3,500	77,647	-2,00	77,641	77,717	-0,076	3,500	77,647	-2,00	3,500	77,647	4,185	78,332	0,685
5+12,41	3,641	77,636	-0,141	3,500	77,777	3,500	77,777	-2,00	77,647	77,847	-0,200	3,500	77,777	-2,00	3,500	77,777	3,562	77,715	-0,062
6	3,539	77,786	-0,039	3,500	77,825	3,500	77,825	-2,00	77,825	77,895	-0,070	3,500	77,825	-2,00	3,500	77,825	3,545	77,870	0,045
7	3,597	78,001	0,097	3,500	77,904	3,500	77,904	-2,00	77,924	77,974	-0,050	3,500	77,904	-2,00	3,500	77,904	3,580	77,984	0,080
8	3,572	77,810	-0,072	3,500	77,882	3,500	77,882	-2,00	77,811	77,952	-0,141	3,500	77,882	-2,00	3,500	77,882	3,598	77,785	-0,097
8+11,07	3,619	77,723	-0,119	3,500	77,842	3,500	77,842	-2,00	77,712	77,912	-0,200	3,500	77,842	-2,00	3,500	77,842	3,640	77,702	-0,140
9	3,557	77,696	-0,057	3,500	77,753	3,500	77,753	-2,00	77,659	77,823	-0,164	3,500	77,753	-2,00	3,500	77,753	3,589	77,664	-0,089
10	3,612	77,666	0,112	3,500	77,554	3,500	77,554	-2,00	77,518	77,624	-0,106	3,500	77,554	-2,00	3,500	77,554	3,568	77,486	-0,068
11	3,579	77,276	-0,078	3,500	77,354	3,500	77,354	-2,00	77,105	77,424	-0,319	3,500	77,354	-2,00	3,500	77,354	3,575	77,279	-0,075
11+6,16	3,729	77,063	-0,229	3,500	77,292	3,500	77,292	-2,00	77,163	77,362	-0,199	3,500	77,292	-2,00	3,500	77,292	3,543	77,250	-0,042



Paulo Guimarães
Arquiteto e Urbanista
COP - APA135622-4

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
	istânci	Cota	Altura	istânci	Cota	istânci	Cota	%	Terreno	Projeto	vermelha	istânci	Cota	%	istânci	Cota	istânci	Cota	Altura
0	3,771	73,916	-0,271	3,500	74,187	3,500	74,187	-2,00	74,057	74,257	-0,200	3,500	74,187	-2,00	3,500	74,187	3,536	74,223	0,036
1	3,533	74,522	0,033	3,500	74,489	3,500	74,489	-2,00	74,586	74,559	0,027	3,500	74,489	-2,00	3,500	74,489	3,735	74,724	0,235
2	3,523	74,815	0,023	3,500	74,792	3,500	74,792	-2,00	74,917	74,862	0,055	3,500	74,792	-2,00	3,500	74,792	3,801	75,093	0,301
2+13,51	3,561	74,935	-0,061	3,500	74,996	3,500	74,996	-2,00	74,866	75,066	-0,200	3,500	74,996	-2,00	3,500	74,996	3,768	75,264	0,268
3	3,575	75,011	-0,075	3,500	75,086	3,500	75,086	-2,00	75,071	75,156	-0,085	3,500	75,086	-2,00	3,500	75,086	3,579	75,165	0,079
4	3,630	75,151	-0,130	3,500	75,281	3,500	75,281	-2,00	75,283	75,351	-0,068	3,500	75,281	-2,00	3,500	75,281	3,634	75,415	0,134
5	3,611	75,198	-0,111	3,500	75,309	3,500	75,309	-2,00	75,285	75,379	-0,094	3,500	75,309	-2,00	3,500	75,309	3,662	75,471	0,162
5+14,11	3,635	75,136	-0,135	3,500	75,271	3,500	75,271	-2,00	75,141	75,341	-0,200	3,500	75,271	-2,00	3,500	75,271	3,534	75,305	0,034
6	3,553	75,191	-0,053	3,500	75,244	3,500	75,244	-2,00	75,281	75,314	-0,033	3,500	75,244	-2,00	3,500	75,244	3,628	75,372	0,128
7	3,632	74,955	-0,132	3,500	75,087	3,500	75,087	-2,00	75,021	75,157	-0,136	3,500	75,087	-2,00	3,500	75,087	3,622	75,209	0,122
8	3,566	74,738	-0,066	3,500	74,804	3,500	74,804	-2,00	74,712	74,874	-0,162	3,500	74,804	-2,00	3,500	74,804	3,654	74,958	0,154
8+9,104	3,576	74,570	-0,076	3,500	74,646	3,500	74,646	-2,00	74,516	74,716	-0,200	3,500	74,646	-2,00	3,500	74,646	3,667	74,479	-0,167



Paulo Guimarães
Arquiteto e Urbanista
CAU - AP-A125622-4

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
	istânci	Cota	Altura	istânci	Cota	istânci	Cota	%	Terreno	Projeto	Vermelha	istânci	Cota	%	istânci	Cota	istânci	Cota	Altura
0	3,647	79,984	-0,147	3,500	80,131	3,500	80,131	-2,00	80,001	80,201	-0,200	3,500	80,131	-2,00	3,500	80,131	3,579	80,053	-0,078
1	3,574	81,120	-0,073	3,500	81,193	3,500	81,193	-2,00	81,053	81,263	-0,210	3,500	81,193	-2,00	3,500	81,193	3,529	81,164	-0,029
2	3,510	82,245	-0,010	3,500	82,255	3,500	82,255	-2,00	82,140	82,325	-0,185	3,500	82,255	-2,00	3,500	82,255	3,722	82,033	-0,222
2+1,887	3,523	82,332	-0,023	3,500	82,355	3,500	82,355	-2,00	82,225	82,425	-0,200	3,500	82,355	-2,00	3,500	82,355	3,728	82,127	-0,228
3	3,503	83,057	0,003	3,500	83,054	3,500	83,054	-2,00	83,030	83,124	-0,094	3,500	83,054	-2,00	3,500	83,054	3,552	83,002	-0,052
4	3,550	83,829	0,050	3,500	83,779	3,500	83,779	-2,00	83,695	83,849	-0,154	3,500	83,779	-2,00	3,500	83,779	3,529	83,750	-0,029
5	3,548	84,461	0,048	3,500	84,413	3,500	84,413	-2,00	84,427	84,483	-0,056	3,500	84,413	-2,00	3,500	84,413	3,508	84,421	0,008
5+12,21	3,504	84,777	0,004	3,500	84,773	3,500	84,773	-2,00	84,643	84,843	-0,200	3,500	84,773	-2,00	3,500	84,773	3,541	84,732	-0,041
6	3,602	85,039	0,102	3,500	84,937	3,500	84,937	-2,00	84,991	85,007	-0,016	3,500	84,937	-2,00	3,500	84,937	3,509	84,946	0,009
7	3,520	85,379	0,020	3,500	85,359	3,500	85,359	-2,00	85,275	85,429	-0,154	3,500	85,359	-2,00	3,500	85,359	3,530	85,329	-0,030
8	3,532	85,638	-0,032	3,500	85,670	3,500	85,670	-2,00	85,650	85,740	-0,090	3,500	85,670	-2,00	3,500	85,670	3,548	85,718	0,048
9	3,594	85,665	-0,094	3,500	85,759	3,500	85,759	-2,00	85,661	85,829	-0,168	3,500	85,759	-2,00	3,500	85,759	3,603	85,656	-0,103
9+8,184	3,623	85,628	-0,123	3,500	85,751	3,500	85,751	-2,00	85,621	85,821	-0,200	3,500	85,751	-2,00	3,500	85,751	3,576	85,675	-0,076
10	3,561	85,545	-0,061	3,500	85,606	3,500	85,606	-2,00	85,548	85,676	-0,128	3,500	85,606	-2,00	3,500	85,606	3,503	85,609	0,003
11	3,606	85,413	0,106	3,500	85,307	3,500	85,307	-2,00	85,232	85,377	-0,145	3,500	85,307	-2,00	3,500	85,307	3,503	85,310	0,003
12	3,529	84,867	-0,029	3,500	84,896	3,500	84,896	-2,00	84,729	84,966	-0,237	3,500	84,896	-2,00	3,500	84,896	3,541	84,855	-0,041
13	3,592	84,338	-0,092	3,500	84,430	3,500	84,430	-2,00	84,235	84,500	-0,265	3,500	84,430	-2,00	3,500	84,430	3,568	84,362	-0,068
13+1,11	3,594	84,310	-0,094	3,500	84,404	3,500	84,404	-2,00	84,274	84,474	-0,200	3,500	84,404	-2,00	3,500	84,404	3,543	84,361	-0,043


 Paulo Guimarães
 Arquiteto e Urbanista
 CREA - AP 0125622-4

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
	istânci	Cota	Altura	istânci	Cota	istânci	Cota	%	Terreno	Projeto	vermelha	istânci	Cota	%	istânci	Cota	istânci	Cota	Altura
0	3,652	84,380	-0,152	3,500	84,532	3,500	84,532	-2,00	84,402	84,602	-0,200	3,500	84,532	-2,00	3,500	84,532	3,649	84,383	-0,149
1	3,651	84,202	-0,151	3,500	84,353	3,500	84,353	-2,00	84,209	84,423	-0,214	3,500	84,353	-2,00	3,500	84,353	3,576	84,277	-0,076
2	3,709	83,965	-0,209	3,500	84,174	3,500	84,174	-2,00	84,101	84,244	-0,143	3,500	84,174	-2,00	3,500	84,174	3,559	84,115	-0,059
3	3,774	83,720	-0,274	3,500	83,994	3,500	83,994	-2,00	83,835	84,064	-0,229	3,500	83,994	-2,00	3,500	83,994	3,547	83,947	-0,047
4	3,689	83,626	-0,189	3,500	83,815	3,500	83,815	-2,00	83,675	83,885	-0,210	3,500	83,815	-2,00	3,500	83,815	3,646	83,670	-0,145
4+1,061	3,672	83,634	-0,172	3,500	83,806	3,500	83,806	-2,00	83,676	83,876	-0,200	3,500	83,806	-2,00	3,500	83,806	3,655	83,652	-0,154
5	3,503	83,404	0,003	3,500	83,401	3,500	83,401	-2,00	83,335	83,471	-0,136	3,500	83,401	-2,00	3,500	83,401	3,530	83,431	0,030
6	3,654	82,821	-0,154	3,500	82,975	3,500	82,975	-2,00	82,918	83,045	-0,127	3,500	82,975	-2,00	3,500	82,975	3,559	83,034	0,059
6+13,90	3,770	82,408	-0,270	3,500	82,678	3,500	82,678	-2,00	82,548	82,748	-0,200	3,500	82,678	-2,00	3,500	82,678	3,506	82,672	-0,006
7	3,748	82,243	-0,248	3,500	82,491	3,500	82,491	-2,00	82,379	82,561	-0,182	3,500	82,491	-2,00	3,500	82,491	3,514	82,505	0,014
7+19,01	4,260	81,146	-0,760	3,500	81,906	3,500	81,906	-2,00	81,776	81,976	-0,200	3,500	81,906	-2,00	3,500	81,906	3,515	81,891	-0,015
8	4,330	81,048	-0,830	3,500	81,878	3,500	81,878	-2,00	81,752	81,948	-0,196	3,500	81,878	-2,00	3,500	81,878	3,501	81,877	-0,001
9	4,293	80,527	-0,793	3,500	81,320	3,500	81,320	-2,00	80,932	81,390	-0,458	3,500	81,320	-2,00	3,500	81,320	3,532	81,288	-0,032
10	3,745	80,516	-0,245	3,500	80,761	3,500	80,761	-2,00	80,637	80,831	-0,194	3,500	80,761	-2,00	3,500	80,761	3,507	80,754	-0,007
11	3,799	79,903	-0,299	3,500	80,202	3,500	80,202	-2,00	80,054	80,272	-0,218	3,500	80,202	-2,00	3,500	80,202	3,529	80,231	0,029
11+11,9	3,831	79,537	-0,331	3,500	79,868	3,500	79,868	-2,00	79,739	79,938	-0,199	3,500	79,868	-2,00	3,500	79,868	3,558	79,926	0,058




 Paulo Guimarães

 Arquiteto e Urbanista

 CREA - AP 0135622-4

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
	istânci	Cota	Altura	istânci	Cota	istânci	Cota	%	Terreno	Projeto	vermelha	istânci	Cota	%	istânci	Cota	istânci	Cota	Altura
0	3,659	70,173	-0,159	3,500	70,332	3,500	70,332	-2,00	70,202	70,402	-0,200	3,500	70,332	-2,00	3,500	70,332	3,633	70,199	-0,133
1	3,866	70,730	-0,366	3,500	71,096	3,500	71,096	-2,00	70,781	71,166	-0,385	3,500	71,096	-2,00	3,500	71,096	3,821	70,775	-0,321
2	4,057	71,303	-0,557	3,500	71,860	3,500	71,860	-2,00	71,549	71,930	-0,381	3,500	71,860	-2,00	3,500	71,860	4,002	71,358	-0,502
3	4,125	71,999	-0,625	3,500	72,624	3,500	72,624	-2,00	72,361	72,694	-0,333	3,500	72,624	-2,00	3,500	72,624	3,726	72,398	-0,226
3+12,76	4,166	72,446	-0,666	3,500	73,112	3,500	73,112	-2,00	72,858	73,182	-0,324	3,500	73,112	-2,00	3,500	73,112	3,612	73,000	-0,112
4	4,055	72,833	-0,555	3,500	73,388	3,500	73,388	-2,00	73,089	73,458	-0,369	3,500	73,388	-2,00	3,500	73,388	3,627	73,261	-0,127
5	3,716	73,937	-0,216	3,500	74,153	3,500	74,153	-2,00	73,744	74,223	-0,479	3,500	74,153	-2,00	3,500	74,153	3,586	74,067	-0,086
6	3,591	74,826	-0,091	3,500	74,917	3,500	74,917	-2,00	74,828	74,987	-0,159	3,500	74,917	-2,00	3,500	74,917	3,548	74,869	-0,048
6+9,278	3,590	75,181	-0,090	3,500	75,271	3,500	75,271	-2,00	75,141	75,341	-0,200	3,500	75,271	-2,00	3,500	75,271	3,532	75,239	-0,032
7	3,519	75,583	-0,019	3,500	75,602	3,500	75,602	-2,00	75,594	75,672	-0,078	3,500	75,602	-2,00	3,500	75,602	3,502	75,604	0,002
8	3,648	76,368	0,148	3,500	76,220	3,500	76,220	-2,00	76,198	76,290	-0,092	3,500	76,220	-2,00	3,500	76,220	3,583	76,303	0,083
9	3,560	76,898	0,060	3,500	76,838	3,500	76,838	-2,00	76,778	76,908	-0,130	3,500	76,838	-2,00	3,500	76,838	3,520	76,858	0,020
9+15,51	3,542	77,359	0,042	3,500	77,317	3,500	77,317	-2,00	77,269	77,387	-0,118	3,500	77,317	-2,00	3,500	77,317	3,533	77,350	0,033
10	3,511	77,467	0,011	3,500	77,456	3,500	77,456	-2,00	77,417	77,526	-0,109	3,500	77,456	-2,00	3,500	77,456	3,518	77,474	0,018
10+12,5	3,647	77,695	-0,147	3,500	77,842	3,500	77,842	-2,00	77,712	77,912	-0,200	3,500	77,842	-2,00	3,500	77,842	3,611	77,731	-0,111
11	3,771	77,730	-0,271	3,500	78,001	3,500	78,001	-2,00	77,748	78,071	-0,323	3,500	78,001	-2,00	3,500	78,001	3,658	77,843	-0,158
11+3,81	3,767	77,815	-0,267	3,500	78,082	3,500	78,082	-2,00	77,820	78,152	-0,332	3,500	78,082	-2,00	3,500	78,082	3,557	78,025	-0,057
12	3,698	78,229	-0,198	3,500	78,427	3,500	78,427	-2,00	78,231	78,497	-0,266	3,500	78,427	-2,00	3,500	78,427	3,508	78,419	-0,008
13	3,632	78,720	-0,132	3,500	78,852	3,500	78,852	-2,00	78,737	78,922	-0,185	3,500	78,852	-2,00	3,500	78,852	3,556	78,908	0,056
14	3,563	79,214	-0,063	3,500	79,277	3,500	79,277	-2,00	79,235	79,347	-0,112	3,500	79,277	-2,00	3,500	79,277	3,650	79,427	0,150
14+17,3	3,572	79,574	-0,072	3,500	79,646	3,500	79,646	-2,00	79,516	79,716	-0,200	3,500	79,646	-2,00	3,500	79,646	3,613	79,533	-0,113
15	3,649	79,546	-0,149	3,500	79,695	3,500	79,695	-2,00	79,517	79,765	-0,248	3,500	79,695	-2,00	3,500	79,695	3,614	79,581	-0,114
15+9,19	3,639	79,728	-0,139	3,500	79,867	3,500	79,867	-2,00	79,630	79,937	-0,307	3,500	79,867	-2,00	3,500	79,867	3,575	79,792	-0,075
16	3,579	79,990	-0,079	3,500	80,069	3,500	80,069	-2,00	80,016	80,139	-0,123	3,500	80,069	-2,00	3,500	80,069	3,556	80,013	-0,056
17	3,537	80,406	-0,037	3,500	80,443	3,500	80,443	-2,00	80,393	80,513	-0,120	3,500	80,443	-2,00	3,500	80,443	3,571	80,372	-0,071
18	3,641	80,675	-0,141	3,500	80,816	3,500	80,816	-2,00	80,638	80,886	-0,248	3,500	80,816	-2,00	3,500	80,816	3,511	80,805	-0,011
18+10,9	3,616	80,905	-0,116	3,500	81,021	3,500	81,021	-2,00	80,996	81,091	-0,095	3,500	81,021	-2,00	3,500	81,021	3,587	81,108	0,087
18+19,2	3,643	81,032	-0,143	3,500	81,175	3,500	81,175	-2,00	81,045	81,245	-0,200	3,500	81,175	-2,00	3,500	81,175	3,669	81,006	-0,169
19	3,653	81,035	-0,153	3,500	81,188	3,500	81,188	-2,00	81,048	81,258	-0,210	3,500	81,188	-2,00	3,500	81,188	3,681	81,007	-0,181
20	3,518	81,503	-0,018	3,500	81,521	3,500	81,521	-2,00	81,466	81,591	-0,125	3,500	81,521	-2,00	3,500	81,521	3,602	81,419	-0,102
21	3,585	81,769	-0,085	3,500	81,854	3,500	81,854	-2,00	81,742	81,924	-0,182	3,500	81,854	-2,00	3,500	81,854	3,625	81,729	-0,125


Paulo Guimarães
 Arquiteto e Urbanista
 CAU - AP 125622-4

	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
Estaca	istânci	Cota	Altura	istânci	Cota	istânci	Cota	%	Terreno	Projeto	vermelha	istânci	Cota	%	istânci	Cota	istânci	Cota	Altura
21+4,54	3,611	81,818	-0,111	3,500	81,929	3,500	81,929	-2,00	81,775	81,999	-0,224	3,500	81,929	-2,00	3,500	81,929	3,664	81,765	-0,164
21+10,6	3,600	81,931	-0,100	3,500	82,031	3,500	82,031	-2,00	81,901	82,101	-0,200	3,500	82,031	-2,00	3,500	82,031	3,632	81,899	-0,132
21+16,6	3,537	82,155	0,037	3,500	82,118	3,500	82,118	-2,00	82,082	82,188	-0,106	3,500	82,118	-2,00	3,500	82,118	3,589	82,029	-0,089
22	3,518	82,184	0,018	3,500	82,166	3,500	82,166	-2,00	82,105	82,236	-0,131	3,500	82,166	-2,00	3,500	82,166	3,558	82,108	-0,058
23	3,502	82,453	-0,001	3,500	82,454	3,500	82,454	-2,00	82,375	82,524	-0,149	3,500	82,454	-2,00	3,500	82,454	3,547	82,407	-0,047
24	3,521	82,763	0,021	3,500	82,742	3,500	82,742	-2,00	82,711	82,812	-0,101	3,500	82,742	-2,00	3,500	82,742	3,634	82,608	-0,134
25	3,534	83,064	0,034	3,500	83,030	3,500	83,030	-2,00	82,962	83,100	-0,138	3,500	83,030	-2,00	3,500	83,030	3,732	82,798	-0,232
26	3,537	83,354	0,036	3,500	83,318	3,500	83,318	-2,00	83,171	83,388	-0,217	3,500	83,318	-2,00	3,500	83,318	3,842	82,977	-0,341
26+3,49	3,548	83,416	0,048	3,500	83,368	3,500	83,368	-2,00	83,238	83,438	-0,200	3,500	83,368	-2,00	3,500	83,368	3,811	83,057	-0,311




 Paulo Guimarães

 Arquiteto e Urbanista

 CREA - AP 0125622-4

Estaca	Lado Esquerdo								Eixo			Lado Direito							
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset		
	istânci	Cota	Altura	istânci	Cota	istânci	Cota	%	Terreno	Projeto	vermelha	istânci	Cota	%	istânci	Cota	istânci	Cota	Altura
0	3,586	69,739	-0,086	3,500	69,825	3,500	69,825	-2,00	69,695	69,895	-0,200	3,500	69,825	-2,00	3,500	69,825	3,537	69,788	-0,037
1	3,721	70,337	-0,220	3,500	70,557	3,500	70,557	-2,00	70,370	70,627	-0,257	3,500	70,557	-2,00	3,500	70,557	3,663	70,394	-0,163
2	3,809	70,980	-0,309	3,500	71,289	3,500	71,289	-2,00	70,972	71,359	-0,387	3,500	71,289	-2,00	3,500	71,289	3,818	70,971	-0,318
3	3,787	71,733	-0,287	3,500	72,020	3,500	72,020	-2,00	71,733	72,090	-0,357	3,500	72,020	-2,00	3,500	72,020	3,802	71,718	-0,302
3+18,23	3,620	72,567	-0,120	3,500	72,687	3,500	72,687	-2,00	72,412	72,757	-0,345	3,500	72,687	-2,00	3,500	72,687	3,658	72,529	-0,158
4	3,612	72,640	-0,112	3,500	72,752	3,500	72,752	-2,00	72,484	72,822	-0,338	3,500	72,752	-2,00	3,500	72,752	3,653	72,599	-0,153
5	3,510	73,474	-0,010	3,500	73,484	3,500	73,484	-2,00	73,185	73,554	-0,369	3,500	73,484	-2,00	3,500	73,484	3,610	73,374	-0,110
6	3,540	74,256	0,040	3,500	74,216	3,500	74,216	-2,00	74,250	74,286	-0,036	3,500	74,216	-2,00	3,500	74,216	3,544	74,260	0,044
7	3,548	74,995	0,048	3,500	74,947	3,500	74,947	-2,00	74,772	75,017	-0,245	3,500	74,947	-2,00	3,500	74,947	3,602	75,049	0,102
7+1,338	3,506	75,002	0,006	3,500	74,996	3,500	74,996	-2,00	74,866	75,066	-0,200	3,500	74,996	-2,00	3,500	74,996	3,656	75,152	0,156
7+13,75	3,576	75,471	0,076	3,500	75,395	3,500	75,395	-2,00	75,471	75,465	0,006	3,500	75,395	-2,00	3,500	75,395	3,548	75,443	0,048
8	3,597	75,693	0,097	3,500	75,596	3,500	75,596	-2,00	75,622	75,666	-0,044	3,500	75,596	-2,00	3,500	75,596	3,603	75,699	0,103
9	3,680	76,419	0,180	3,500	76,239	3,500	76,239	-2,00	76,182	76,309	-0,127	3,500	76,239	-2,00	3,500	76,239	3,724	76,463	0,224
10	3,691	77,073	0,191	3,500	76,882	3,500	76,882	-2,00	76,900	76,952	-0,052	3,500	76,882	-2,00	3,500	76,882	3,703	77,085	0,203
10+7,50	3,692	77,315	0,192	3,500	77,123	3,500	77,123	-2,00	77,133	77,193	-0,060	3,500	77,123	-2,00	3,500	77,123	3,695	77,318	0,195
11	3,608	77,633	0,108	3,500	77,525	3,500	77,525	-2,00	77,580	77,595	-0,015	3,500	77,525	-2,00	3,500	77,525	3,545	77,570	0,045
11+7,83	3,541	77,736	-0,041	3,500	77,777	3,500	77,777	-2,00	77,647	77,847	-0,200	3,500	77,777	-2,00	3,500	77,777	3,645	77,632	-0,145
11+16,3	3,511	77,943	-0,010	3,500	77,953	3,500	77,953	-2,00	77,710	78,023	-0,313	3,500	77,953	-2,00	3,500	77,953	3,523	77,930	-0,023
12	3,506	78,034	0,006	3,500	78,028	3,500	78,028	-2,00	77,796	78,098	-0,302	3,500	78,028	-2,00	3,500	78,028	3,514	78,014	-0,014
13	3,583	78,525	0,083	3,500	78,442	3,500	78,442	-2,00	78,370	78,512	-0,142	3,500	78,442	-2,00	3,500	78,442	3,577	78,519	0,077
14	3,607	78,962	0,106	3,500	78,856	3,500	78,856	-2,00	78,776	78,926	-0,150	3,500	78,856	-2,00	3,500	78,856	3,548	78,904	0,048
15	3,503	79,267	-0,003	3,500	79,270	3,500	79,270	-2,00	79,147	79,340	-0,193	3,500	79,270	-2,00	3,500	79,270	3,655	79,115	-0,155
15+9,68	3,530	79,441	-0,030	3,500	79,471	3,500	79,471	-2,00	79,341	79,541	-0,200	3,500	79,471	-2,00	3,500	79,471	3,636	79,336	-0,136
16	3,569	79,622	0,069	3,500	79,553	3,500	79,553	-2,00	79,745	79,623	0,122	3,500	79,553	-2,00	3,500	79,553	3,823	79,876	0,323
17	3,591	79,803	0,091	3,500	79,712	3,500	79,712	-2,00	79,904	79,782	0,122	3,500	79,712	-2,00	3,500	79,712	3,629	79,841	0,129
18	3,606	79,978	0,106	3,500	79,872	3,500	79,872	-2,00	79,917	79,942	-0,025	3,500	79,872	-2,00	3,500	79,872	3,516	79,856	-0,016
19	3,624	80,155	0,124	3,500	80,031	3,500	80,031	-2,00	80,047	80,101	-0,054	3,500	80,031	-2,00	3,500	80,031	3,502	80,029	-0,002
19+11,3	3,586	80,036	-0,086	3,500	80,122	3,500	80,122	-2,00	79,992	80,192	-0,200	3,500	80,122	-2,00	3,500	80,122	3,659	79,963	-0,159
20	3,573	80,132	-0,073	3,500	80,205	3,500	80,205	-2,00	80,035	80,275	-0,240	3,500	80,205	-2,00	3,500	80,205	3,735	79,970	-0,235
21	3,585	80,313	-0,085	3,500	80,398	3,500	80,398	-2,00	80,253	80,468	-0,215	3,500	80,398	-2,00	3,500	80,398	3,723	80,175	-0,223
22	3,559	80,532	-0,059	3,500	80,591	3,500	80,591	-2,00	80,464	80,661	-0,197	3,500	80,591	-2,00	3,500	80,591	3,710	80,381	-0,210


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	Lado Esquerdo								Eixo			Lado Direito								
	Offset			Lateral		Bordo			Cota	Cota	Cota	Bordo			Lateral		Offset			
Estaca	istânci	Cota	Altura	istânci	Cota	istânci	Cota	%	Terreno	Projeto	Vermelha	istânci	Cota	%	istânci	Cota	istânci	Cota	Altura	
22+3,48	3,552	80,572	-0,052	3,500	80,624	3,500	80,624	-2,00	80,494	80,694	-0,200	3,500	80,624	-2,00	3,500	80,624	3,701	80,423	-0,201	
23	3,587	80,617	-0,087	3,500	80,704	3,500	80,704	-2,00	80,692	80,774	-0,082	3,500	80,704	-2,00	3,500	80,704	3,582	80,622	-0,082	
24	3,571	80,731	-0,071	3,500	80,802	3,500	80,802	-2,00	80,637	80,872	-0,235	3,500	80,802	-2,00	3,500	80,802	3,587	80,715	-0,087	
25	3,513	80,886	-0,013	3,500	80,899	3,500	80,899	-2,00	80,729	80,969	-0,240	3,500	80,899	-2,00	3,500	80,899	3,712	80,687	-0,212	
26	3,575	81,071	0,075	3,500	80,996	3,500	80,996	-2,00	80,890	81,066	-0,176	3,500	80,996	-2,00	3,500	80,996	3,713	80,783	-0,213	
26+8,98	3,525	81,065	0,025	3,500	81,040	3,500	81,040	-2,00	80,869	81,110	-0,241	3,500	81,040	-2,00	3,500	81,040	3,854	80,686	-0,354	
26+16,8	3,546	81,124	0,046	3,500	81,078	3,500	81,078	-2,00	80,948	81,148	-0,200	3,500	81,078	-2,00	3,500	81,078	3,792	80,787	-0,291	
27	3,589	81,192	0,089	3,500	81,103	3,500	81,103	-2,00	81,038	81,173	-0,135	3,500	81,103	-2,00	3,500	81,103	3,725	80,878	-0,225	
27+13,5	3,701	81,411	0,201	3,500	81,210	3,500	81,210	-2,00	81,140	81,280	-0,140	3,500	81,210	-2,00	3,500	81,210	3,789	80,921	-0,289	
28	3,685	81,446	0,185	3,500	81,261	3,500	81,261	-2,00	81,170	81,331	-0,161	3,500	81,261	-2,00	3,500	81,261	3,792	80,969	-0,292	
29	3,639	81,559	0,139	3,500	81,420	3,500	81,420	-2,00	81,210	81,490	-0,280	3,500	81,420	-2,00	3,500	81,420	3,807	81,113	-0,307	
29+19,2	3,563	81,509	-0,063	3,500	81,572	3,500	81,572	-2,00	81,442	81,642	-0,200	3,500	81,572	-2,00	3,500	81,572	3,892	81,180	-0,392	



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