



ESTACA	PONTO	LOCALIZAÇÃO PRINCIPAL		
		x (m)	y(m)	z (m)
0+0.00	1.0000	274.503.5890	6.912.216.433	582.29
0+18.384	2.0000	274.488.4082	6.912.226.8039	581.86
0+20	3.0000	274.487.0624	6.912.227.6840	581.69
0+34.404	4.0000	274.473.7454	6.912.232.9864	580.56
0+40	5.0000	274.468.2597	6.912.234.0914	580.48
0+60	6.0000	274.448.6535	6.912.238.0409	580.31
0+80	7.0000	274.429.0473	6.912.241.9903	579.82
0+80.648	8.0000	274.428.4121	6.912.242.1183	579.80
0+100	9.0000	274.409.1777	6.912.243.8787	578.20
0+120	10.0000	274.389.3805	6.912.241.3437	578.76
0+131.849	11.0000	274.378.0841	6.912.237.7961	578.33
0+140	12.0000	274.370.4849	6.912.234.8476	578.01
0+160	13.0000	274.351.8393	6.912.227.6130	577.37
0+180	14.0000	274.333.1936	6.912.220.3785	577.05
0+188.578	15.0000	274.325.1970	6.912.217.2798	576.66
0+200	16.0000	274.314.3453	6.912.213.7099	576.19
0+220	17.0000	274.295.3449	6.912.207.4682	575.79
0+227.073	18.0000	274.288.6249	6.912.205.2580	575.67
0+233.738	19.0000	274.282.3670	6.912.202.9679	574.67
0+240	20.0000	274.276.5618	6.912.200.8213	574.67
0+260	21.0000	274.258.0194	6.912.193.1281	574.73
0+280	22.0000	274.239.4334	6.912.185.6132	574.80
0+300	23.0000	274.220.9346	6.912.178.1356	573.18
0+320	24.0000	274.202.3921	6.912.170.6044	573.31
0+329.642	25.0000	274.193.4533	6.912.167.0221	573.36
0+340	26.0000	274.183.9634	6.912.162.8791	573.45
0+360	27.0000	274.165.6404	6.912.154.8584	571.25
0+367.713	28.0000	274.158.5744	6.912.151.7668	571.21
0+380	29.0000	274.148.0324	6.912.145.5148	569.66
0+400	30.0000	274.135.0430	6.912.130.4825	569.42

ESTACA	LOCALIZAÇÃO DOS GABÕES CAIXA E EXO DO GABÃO MANTA		
	PONTO	x (m)	z (m)
0+13	66.0000	274.498.6742	6.912.228.7736
	66.0000	274.498.4947	6.912.232.0244
	67.0000	274.500.7152	6.912.235.8251
	68.0000	274.491.8281	6.912.231.8105
0+18.384	69.0000	274.494.0486	6.912.235.0613
	70.0000	274.496.6931	6.912.238.3121
	71.0000	274.493.7430	6.912.236.2185
	72.0000	274.485.2735	6.912.239.8461
P-1	73.0000	274.486.8020	6.912.243.4735
	74.0000	274.474.9427	6.912.238.9302
	75.0000	274.475.2201	6.912.242.7895
	76.0000	274.476.4975	6.912.246.6487
0+34.404	77.0000	274.469.4570	6.912.240.0533
	78.0000	274.470.3344	6.912.243.8945
	79.0000	274.471.0221	6.912.247.8050
	80.0000	274.449.8508	6.912.243.9947
0+40	81.0000	274.450.8282	6.912.241.8440
	82.0000	274.451.4199	6.912.251.7544
	83.0000	274.429.6094	6.912.245.0621
	84.0000	274.430.3888	6.912.251.0914
0+80.648	85.0000	274.431.1642	6.912.255.7806
	86.0000	274.409.0792	6.912.248.9411
	87.0000	274.409.0792	6.912.255.8773
	88.0000	274.408.0514	6.912.251.8135
0+100	89.0000	274.402.4198	6.912.248.6014
	90.0000	274.402.0830	6.912.253.5236
	91.0000	274.401.7461	6.912.257.4460
	92.0000	274.397.0184	6.912.247.2533
0+120	93.0000	274.397.0184	6.912.251.0607
	94.0000	274.386.0885	6.912.254.8860
	95.0000	274.375.8909	6.912.244.4487
	96.0000	274.374.6668	6.912.247.1188
0+131.849	97.0000	274.373.0428	6.912.250.7890
	98.0000	274.368.8917	6.912.240.5002
	99.0000	274.366.6677	6.912.244.1704
	100.0000	274.365.4437	6.912.247.8408
0+160	101.0000	274.349.6460	6.912.233.2657
	102.0000	274.348.2220	6.912.238.9359
	103.0000	274.346.2980	6.912.241.6060
	104.0000	274.331.0004	6.912.228.7031
0+180	105.0000	274.329.5763	6.912.229.7013
	106.0000	274.328.1523	6.912.233.3714

LOCAÇÃO DOS CABEÇOS CAIXA E EXO DO GABÃO MANTA				
ESTACA	POUNTO	x (m)	y(m)	z (m)
0+188.578	107.0000	274.323.0027	6.912.222.9382	570.86
	108.0000	274.321.5747	6.912.226.6115	571.34
	109.0000	274.320.1557	6.912.230.2687	570.86
	110.0000	274.312.4525	6.912.219.4700	570.60
0+200	111.0000	274.311.2235	6.912.223.2101	571.08
	112.0000	274.309.9945	6.912.228.9500	570.60
	113.0000	274.293.4521	6.912.213.2264	570.14
	114.0000	274.292.2237	6.912.216.9864	570.62
0+220	115.0000	274.290.9947	6.912.220.7064	570.14
	116.0000	274.286.7321	6.912.211.0182	569.98
	117.0000	274.285.5037	6.912.214.7582	570.45
	118.0000	274.284.2741	6.912.218.4982	569.98
0+233.739	119.0000	274.280.2547	6.912.208.6512	569.82
	120.0000	274.277.5116	6.912.212.3414	570.30
	121.0000	274.276.8831	6.912.216.0315	569.82
	122.0000	274.274.3703	6.912.206.4518	569.66
0+240	123.0000	274.272.9857	6.912.210.1369	570.16
	124.0000	274.271.6000	6.912.213.8218	569.68
	125.0000	274.255.6235	6.912.199.2788	569.22
	126.0000	274.254.1950	6.912.202.9472	569.70
0+260	127.0000	274.252.7665	6.912.206.6156	569.22
	128.0000	274.236.9571	6.912.191.8828	568.76
	129.0000	274.235.4854	6.912.195.5341	569.24
	130.0000	274.234.0137	6.912.199.1854	568.76
0+300	131.0000	274.218.3789	6.912.184.2689	568.30
	132.0000	274.216.8641	6.912.187.9006	568.78
	133.0000	274.215.3494	6.912.191.5342	568.30
	134.0000	274.199.8964	6.912.176.4342	567.84
0+320	135.0000	274.198.3389	6.912.180.0498	568.32
	136.0000	274.196.7814	6.912.183.6654	567.84
	137.0000	274.191.0230	6.912.172.5819	567.62
	138.0000	274.189.4449	6.912.178.1886	568.09
0+323.642	139.0000	274.187.8670	6.912.179.7952	567.62
	140.0000	274.163.2100	6.912.160.4132	565.42
	141.0000	274.161.6320	6.912.164.0199	565.90
	142.0000	274.160.0540	6.912.167.6265	565.42
0+360	143.0000	274.156.1440	6.912.157.3216	564.74
	144.0000	274.154.5660	6.912.160.9283	565.22
	145.0000	274.153.9880	6.912.164.5349	564.74
	146.0000	274.144.9157	6.912.150.3115	564.46
0+380	147.0000	274.141.9157	6.912.153.4259	564.94
	148.0000	274.139.5027	6.912.156.5403	564.46
	149.0000	274.138.9956	6.912.146.5240	564.31
	150.0000	274.136.1064	6.912.145.3023	564.79
P=6	151.0000	274.133.3173	6.912.151.0805	564.31

* Obs. redução de 50% na impressão para A3

