

TABELA DE CURVAS DOS ALINHAMENTOS										
CURVAS	AC	R (m)	T (m)	D (m)	PC	PT	PONTO	PC	PI	PT
C1	54°52'22,44"	30,000	15,575	28,731	1+16,327	3+5,058	N E	7460568,9654 699045,2052	7460554,3286 699050,5286	7460541,5529 699041,6206
C2	22°37'05,71"	50,000	9,999	19,738	4+4,559	5+4,297	N E	7460527,8706 699027,8454	7460521,4727 699020,1609	7460518,5221 699010,6069
C3	0°17'35,22"	1000,000	2,558	5,116	6+14,647	6+19,763	N E	7460509,5665 698981,6076	7460508,8117 698979,1635	7460508,0695 698976,7157
C4	0°57'24,49"	400,000	3,340	6,680	12+16,674	13+3,354	N E	7460474,1442 698864,8355	7460473,1750 698861,6393	7460472,2594 698858,4273
C5	7°23'50,47"	200,000	12,929	25,822	20+16,021	22+1,843	N E	7460430,4040 698711,6096	7460426,8595 698699,1762	7460424,9452 698686,3899
C6	31°34'09,82"	36,000	10,177	19,836	1+10,848	2+10,683	N E	7460589,5396 699076,2324	7460599,2448 699073,1710	7460605,9110 699065,4817
C7	76°50'22,56"	8,100	6,425	10,863	3+1,089	3+11,952	N E	7460612,7274 699057,6191	7460616,9358 699052,7648	7460613,1671 699047,5618
C8	18°40'43,83"	100,000	16,446	32,601	3+19,672	5+12,273	N E	7460608,6385 699041,3094	7460598,9911 699027,9900	7460594,1175 699012,2824
C9	2°53'08,75"	120,000	3,023	6,044	7+4,082	7+10,126	N E	7460584,6915 698981,9019	7460583,7958 698979,0150	7460583,0466 698976,0868
C10	4°13'45,05"	100,000	3,692	7,381	9+15,801	10+3,183	N E	7460571,7250 698931,8370	7460570,8098 698928,2599	7460569,6332 698924,7600
C11	1°57'08,39"	100,000	1,704	3,407	12+13,908	12+17,315	N E	7460553,4701 698876,6787	7460552,9271 698875,0636	7460552,4395 698873,4310
C12	5°00'38,90"	60,000	2,625	5,247	25+2,957	25+8,205	N E	7460482,1455 698638,0614	7460481,3943 698635,5459	7460480,8656 698632,9743
C13	16°36'39,31"	80,000	11,679	23,193	26+5,685	27+8,879	N E	7460477,3453 698615,8518	7460474,9935 698604,4126	7460469,4697 698594,1230

TABELA DE CURVAS DAS INTERSEÇÕES										
CURVAS	AC	R (m)	T (m)	D (m)	PC	PT	PONTO	PC	PI	PT
14	18°31'01,56"	84,570	13,786	27,332	0+13,080	2+0,411	N E	7460434,2203 698713,5656	7460430,4447 698700,3066	7460431,0753 698686,5350
15	20°35'20,46"	5,980	29,276	21,197	2+0,411	3+1,608	N E	7460431,0753 698686,5350	7460429,7360 698715,7806	7460419,4991 698688,3525
16	4°33'18,37"	310,570	12,352	24,691	3+1,608	4+6,299	N E	7460419,4991 698688,3525	7460423,8181 698699,9246	7460427,2045 698711,8033
18	138°34'46,39"	4,770	12,617	11,537	0+4,987	0+16,524	N E	7460578,9567 699090,4515	7460567,4231 699085,3373	7460579,4553 699081,5419
19	72°55'46,78"	6,470	4,781	8,235	0+14,426	1+2,661	N E	7460605,3692 699042,1184	7460602,6120 699038,2120	7460598,0683 699039,7009
20	7°23'54,55"	9,470	0,612	1,223	1+15,203	1+16,426	N E	7460585,8405 699042,4822	7460585,2429 699042,6156	7460584,6675 699042,8249
21	5°42'34,23"	9,470	0,472	0,944	1+18,700	1+19,644	N E	7460580,8941 699037,4861	7460580,4685 699037,6909	7460580,0248 699037,8523
22	86°19'58,51"	9,470	8,882	14,269	0+15,044	1+9,314	N E	7460594,0251 699021,3306	7460597,3567 699029,5647	7460589,3526 699033,4161
23	38°38'29,95"	19,870	6,966	13,401	0+10,000	1+3,401	N E	7460470,5599 698619,9921	7460475,9168 698624,4459	7460477,3197 698631,2697
24	146°00'06,34"	1,370	4,481	3,491	0+6,000	0+9,491	N E	7460470,5881 698611,8746	7460474,0340 698614,7395	7460472,7792 698610,4375

TABELA DE CURVAS DOS ALINHAMENTOS										
CURVAS	AC	R (m)	T (m)	D (m)	PC	PT	PONTO	PC	PI	PT
C1	53°11'55,14"	48,000	24,036	44,568	7+10,306	9+14,873	N E	7460543,8684 699231,3881	7460562,6212 699246,4233	7460561,8160 699270,4458
C2	88°16'13,41"	24,000	23,286	36,975	9+17,652	11+14,626	N E	7460561,7229 699273,2226	7460560,9428 699296,4958	7460537,6567 699296,4184
C3	29°30'10,83"	12,000	3,160	6,179	20+4,011	20+10,190	N E	7460368,2729 699295,8561	7460365,1132 699295,8456	7460362,3685 699294,2804

TABELA DE CURVAS DOS ALINHAMENTOS										
CURVAS	AC	R (m)	T (m)	D (m)	PC	PT	PONTO	PC	PI	PT
4	94°48'40,99"	13,870	15,087	22,952	0+5,000	1+7,952	N E	7460444,9499 699128,1581	7460434,5588 699139,0956	7460446,3293 699148,5327
5	98°25'17,31"	19,870	23,028	34,132	1+5,004	2+19,136	N E	7460427,3387 699171,8098	7460438,9570 699151,9272	7460456,9237 699166,3322
6	40°34'09,91"	5,870	2,170	4,156	1+5,000	1+9,156	N E	7460374,4920 699300,4178	7460376,1447 699299,0122	7460378,3143 699299,0194
7	135°09'11,39"	0,370	0,897	0,873	0+10,233	0+11,106	N E	7460367,1342 699298,9402	7460368,0281 699299,0100	7460367,3451 699299,5909
8	82°22'44,53"	29,870	26,140	42,947	1+5,048	3+7,995	N E	7460366,8941 699298,9195	7460340,8697 699296,4685	7460334,9890 699321,9380
9	121°49'01,60"	18,870	33,915	40,120	0+9,000	2+9,120	N E	7460369,6855 699263,9122	7460351,7098 699292,6711	7460385,6243 699292,7837

TABELA DE CURVAS DOS ALINHAMENTOS										
CURVAS	AC	R (m)	T (m)	D (m)	PC	PT	PONTO	PC	PI	PT
C1	78°03'08,35"	11,000	8,916	14,985	0+14,598	1+9,583	N E	7459247,2398 699795,4896	7459239,2792 699791,4742	7459233,7028 699798,4311
C2	1°08'49,88"	600,000	6,007	12,013	5+15,107	6+7,120	N E	7459180,2130 699865,1628	7459176,4561 699869,8498	7459172,7938 699874,6111
C3	5°02'15,10"	600,000	26,393	52,753	10+7,306	13+0,059	N E	7459123,9050 699938,1697	7459107,8131 699959,0901	7459089,9465 699978,5168
C4	2°55'02,93"	600,000	15,279	30,552	14+12,762	16+3,313	N E	7459067,8087 700002,5874	7459057,4657 700013,8335	7459046,5637 700024,5386

TABELA DE CURVAS DAS INTERSEÇÕES										
CURVAS	AC	R (m)	T (m)	D (m)	PC	PT	PONTO	PC	PI	PT
5	78°03'08,35"	5,420	4,393	7,384	0+0,000	0+7,384	N E	7459244,7268 699800,4717	7459240,8044 699798,4932	7459238,0567 699801,9210
6	17°58'43,17"	12,530	1,982	3,932	0+8,851	0+12,783	N E	7459237,1390 699803,0659	7459235,8993 699804,6125	7459234,2427 699805,7010
7	17°58'43,17"	11,470	1,814	3,599	0+15,303	0+18,903	N E	7459232,1359 699807,0853	7459230,6195 699808,0817	7459229,4846 699809,4974
8	15°49'13,27"	59,870	8,318	16,531	0+14,075	1+10,607	N E	7458952,9573 700120,2793	7458946,8620 700125,9401	7458942,5409 700133,0482
9	211°38'26,54"	6,130	21,634	22,643	1+10,607	2+13,250	N E	7458942,5409 700133,0482	7458953,7788 700114,5625	7458934,5139 700124,4051
10	15°49'13,27"	59,870	8,318	16,531	2+13,250	3+9,781	N E	7458934,5139 700124,4051	7458941,9216 700120,6204	7458948,0169 700114,9596
11	78°03'08,35"	16,580	13,439	22,586	0+14,598	1+17,184	N E	7459249,7528 699790,5075	7459237,7540 699784,4552	7459229,3489 699794,9411
12	17°58'43,17"	12,530	1,982	3,932	1+18,652	2+2,583	N E	7459228,4312 699796,0860	7459227,1915 699797,6328	7459226,4897 699799,4864
13	17°58'43,17"	11,470	1,814	3,599	2+5,104	2+8,704	N E	7459225,5971 699801,8440	7459224,9547 699803,5410	7459223,8198 699804,9568

TABELA DE CURVAS DOS ALINHAMENTOS										
CURVAS	AC	R (m)	T (m)	D (m)	PC	PT	PONTO	PC	PI	PT
C1	1°23'22,48"	400,000	4,851	9,701	2+18,378	3+8,080	N E	7459784,9252 699595,4281	7459780,1007 699595,9318	7459775,2898 699596,5524

TABELA DE CURVAS DOS ALINHAMENTOS										
CURVAS	AC	R (m)	T (m)	D (m)	PC	PT	PONTO	PC	PI	PT
2	81°36'48,11"	9,470	8,176	13,489	0+3,000	0+16,489	N E	7459822,6719 699484,2819	7459814,9686 699487,0222	7459816,5561 699495,0428
3	98°23'11,89"	9,470	10,969	16,262	0+5,000	1+1,262	N E	7459798,6728 699492,8193	7459809,0069 699489,1430	7459811,1366 699499,9028
4	89°51'46,29"	8,470	8,450	13,284	0+4,000	0+17,284	N E	7459809,7959 699480,0953	7459801,8349 699482,9273	7459798,9838 699474,9731
5	90°08'13,71"	7,470	7,488	11,752	0+5,000	0+16,752	N E	7459793,4104 699477,9767	7459795,9370 699485,0255	7459788,8822 699487,5352
6	84°45'53,46"	6,470	5,904	9,572	0+1,000	0+10,572	N E	7459840,0112 699583,2618	7459834,1388 699583,8749	7459832,9924 699578,0830
7	95°14'06,54"	6,470	7,090	10,754	0+5,000	0+15,754	N E	7459820,8350 699585,2640	7459827,8866 699584,5277	7459826,5100 699577,5727
8	90°00'28,77"	7,470	7,471	11,735	0+5,000	0+16,735	N E	7459764,6720 699496,1477	7459757,6331 699498,6517	7459755,1301 699491,6125
9	89°59'31,23"	7,470	7,469	11,733	0+5,000	0+16,733	N E	7459744,6983 699503,2532	7459751,7352 699500,7499	7459749,2329 699493,7126
10	81°47'47,16"	8,470	7,336	12,092	0+5,000	0+17,092	N E	7459754,6323 699516,1936	7459753,1848 699509,0013	7459760,0969 699506,5424
11	98°12'12,84"	8,470	9,779	14,517	0+5,000	0+19,517	N E	7459749,1552 699520,7076	7459747,2259 699511,1211	7459738,0128 699514,3986
12	94°01'43,11"	8,470	9,088	13,900	0+5,000	0+18,900	N E	7459754,4196 699592,8117	7459763,4325 699591,6491	7459761,6395 699582,7402

