

TABELA DE CURVAS DOS ALINHAMENTOS										
CURVAS	AC	R (m)	T (m)	D (m)	PC	PT	PONTO	PC	PI	PT
C1	11°12'09,72"	130,059	12,755	25,430	1+1,501	2+6,931	N E	7465780,4979 708745,0410	7465779,7149 708757,7724	7465781,4202 708770,4133
C2	8°38'59,29"	180,114	13,622	27,191	8+15,389	10+2,581	N E	7465797,0095 708897,9223	7465799,4702 708911,3198	7465803,9177 708924,1948
C3	30°08'52,47"	125,272	33,740	65,916	10+2,581	13+8,496	N E	7465803,9177 708924,1948	7465816,6911 708935,4234	7465843,4208 708976,0125
C4	24°26'01,82"	33,370	7,225	14,231	15+13,524	16+7,754	N E	7465878,3014 709004,4871	7465883,9515 709008,9902	7465890,9584 709010,7528
C5	19°12'27,04"	35,734	6,046	11,979	16+7,754	16+19,734	N E	7465890,9584 709010,7528	7465896,8468 709012,1254	7465901,9560 709015,3589
C6	9°07'57,89"	186,522	14,897	29,731	17+4,818	18+14,549	N E	7465906,2013 709018,1569	7465918,5278 709026,5222	7465929,3703 709036,7380
C7	4°23'57,69"	236,180	9,072	18,135	18+14,549	19+12,684	N E	7465929,3703 709036,7380	7465936,2698 709042,6282	7465943,6008 709047,9718
C8	9°33'02,20"	67,003	5,597	11,169	1+5,032	1+16,201	N E	7465786,5216 708920,9672	7465784,0273 708925,0781	7465780,7362 708929,6056
C9	36°15'22,43"	22,361	7,321	14,150	1+16,201	2+10,350	N E	7465780,7362 708929,6056	7465775,9767 708935,1681	7465775,4285 708942,4683
C10	2°26'25,21"	77,657	1,654	3,308	2+10,350	2+13,658	N E	7465775,4285 708942,4683	7465775,3968 708944,1220	7465775,4355 708945,7756
C11	10°29'40,88"	185,594	17,045	33,995	2+13,658	4+7,653	N E	7465775,4355 708945,7756	7465774,8167 708962,8094	7465777,3109 708979,6709
C12	11°36'46,38"	189,972	19,318	38,504	4+7,653	6+6,157	N E	7465777,3109 708979,6709	7465781,3211 708996,5684	7465789,0532 709016,2717
C13	2°07'49,35"	812,171	15,101	30,198	6+6,157	7+16,355	N E	7465789,0532 709016,2717	7465795,7827 709029,7902	7465803,0100 709043,0492
C14	1°05'14,86"	587,787	5,578	11,156	7+16,355	8+7,511	N E	7465803,0100 709043,0492	7465805,4711 709048,0552	7465807,8367 709053,1069
C15	11°21'23,47"	111,702	11,107	22,140	8+7,511	9+9,651	N E	7465807,8367 709053,1069	7465812,8226 709063,0314	7465819,6652 709071,7798
C16	1°43'07,48"	433,038	6,496	12,990	9+9,651	10+2,642	N E	7465819,6652 709071,7798	7465823,1311 709077,2734	7465826,7602 709082,6606
C17	8°22'12,94"	320,367	23,443	46,802	12+17,442	15+4,244	N E	7465862,3263 709124,3522	7465877,7358 709142,0188	7465880,4095 709161,7403
C18	1°40'42,32"	2938,229	43,039	86,073	0+0,000	4+6,073	N E	7465797,7813 709033,2993	7465754,8273 709036,0097	7465711,8125 709037,4607
C19	0°24'46,81"	3624,410	13,063	26,126	4+6,073	5+12,198	N E	7465711,8125 709037,4607	7465698,7747 709038,2704	7465685,7431 709039,1740
C20	1°39'24,09"	2878,837	41,623	83,241	5+12,198	9+15,439	N E	7465685,7431 709039,1740	7465644,1591 709040,9804	7465602,6446 709043,9883

TABELA DE CURVAS DOS ALINHAMENTOS										
CURVAS	AC	R (m)	T (m)	D (m)	PC	PT	PONTO	PC	PI	PT
C21	5°00'20,68"	639,759	27,965	55,894	0+0,000	2+15,894	N E	7465529,3291 708880,8031	7465543,4778 708904,9243	7465555,4678 708930,1881
C22	21°38'46,07"	21,047	4,024	7,952	3+1,316	3+9,267	N E	7465557,9267 708935,0208	7465559,4919 708938,7276	7465562,3142 708941,5956
C23	42°34'46,96"	14,218	5,541	10,566	3+9,267	3+19,834	N E	7465562,3142 708941,5956	7465566,4823 708945,2460	7465567,0815 708950,7541
C24	71°26'18,73"	15,000	10,786	18,703	0+3,901	1+2,603	N E	7465463,9006 709051,1856	7465453,1282 709051,7326	7465449,1806 709041,6947
C25	6°37'07,62"	123,584	7,146	14,276	5+13,943	6+8,219	N E	7465415,7514 708956,6922	7465412,8488 708950,1621	7465410,7181 708943,3410
C26	19°52'51,13"	123,584	21,659	42,882	6+8,219	8+11,101	N E	7465410,7181 708943,3410	7465404,2605 708922,6674	7465405,2182 708901,0299
C27	62°42'17,91"	28,647	17,454	31,352	1+17,313	3+8,664	N E	7465418,8550 709038,7186	7465411,5972 709054,5919	7465394,1630 709055,4212
C28	0°43'32,86"	4146,783	26,265	52,529	4+13,440	7+5,969	N E	7465369,4077 709056,4219	7465343,1568 709057,2825	7465316,9188 709059,4756
C29	49°22'56,64"	11,000	5,057	9,481	4+3,116	4+12,597	N E	7465343,8803 708991,3867	7465338,8401 708991,8026	7465335,2431 708988,2474
C30	33°12'02,33"	11,000	3,279	6,374	0+0,000	0+6,374	N E	7465335,2431 708988,2474	7465332,9108 708985,9422	7465332,2215 708982,7361
C31	1°45'02,97"	4370,622	66,783	133,556	0+6,374	6+19,930	N E	7465332,2215 708982,7361	7465317,3639 708917,6266	7465304,5025 708852,0936
C32	3°57'47,73"	17,000	0,588	1,176	10+18,961	11+0,137	N E	7465292,6138 708846,3616	7465292,0840 708846,1062	7465291,5378 708845,8880
C33	74°14'25,56"	16,556	12,531	21,452	13+5,580	14+7,032	N E	7465249,4382 708828,7839	7465238,0794 708823,4933	7465229,9026 708832,9882
C34	35°17'32,93"	16,556	5,267	10,198	0+0,000	0+10,198	N E	7465229,9026 708832,9882	7465226,4658 708836,9790	7465225,9663 708842,2219
C35	13°48'00,23"	173,745	21,026	41,848	0+10,198	2+12,046	N E	7465225,9663 708842,2219	7465226,8261 708863,2298	7465232,6721 708883,4263
C36	7°37'22,06"	136,573	9,098	18,170	1+18,129	2+16,299	N E	7465660,9990 708534,4460	7465664,3803 708542,8928	7465668,8523 708550,8164
C37	2°33'25,47"	986,234	22,011	44,015	4+8,906	6+12,921	N E	7465685,1523 708579,0573	7465695,7280 708598,3613	7465707,1545 708617,1742
C38	12°51'27,22"	159,964	18,024	35,897	6+12,921	8+8,818	N E	7465707,1545 708617,1742	7465717,4708 708631,9540	7465730,8174 708644,0676

TABELA DE ALINHAMENTOS				
TANGENTE	COMPRIMENTO	RUMO	INÍCIO	FINAL
L1	21,50	S86° 28' 49,95"E	708723,58 7465781,62	708745,04 7465780,50
L2	128,46	N83° 01' 46,46"E	708770,41 7465781,42	708897,92 7465797,01
L3	45,03	N39° 13' 34,74"E	708976,01 7465843,42	708904,49 7465878,30
L4	5,08	N33° 23' 14,67"E	709015,36 7465901,96	709018,16 7465906,20
L5	25,03	S65° 25' 13,23"E	708967,30 7465796,93	708920,07 7465786,52
L6	54,80	N49° 31' 59,84"E	709082,66 7465826,76	709124,35 7465862,33
L7	14,04	S03° 53' 27,26"E	708928,08 7465805,59	708929,04 7465790,01
L8	1,56	S03° 03' 53,34"E	708929,04 7465791,58	708929,12 7465790,01
L9	16,89	S01° 38' 33,22"E	708929,12 7465790,01	708929,60 7465773,13
L10	38,54	S02° 19' 01,86"E	708929,60 7465773,13	708931,16 7465734,62
L11	70,27	S03° 58' 33,78"E	708931,16 7465734,62	708936,03 7465664,52
L12	74,05	S03° 20' 27,94"E	708936,03 7465664,52	708940,35 7465590,59
L13	25,37	S02° 31' 22,48"E	708940,35 7465590,59	708941,47 7465565,24
L14	68,39	S02° 31' 22,48"E	708941,47 7465565,24	708944,37 7465496,92
L15	26,72	S00° 13' 30,94"W	708944,37 7465496,92	708944,48 7465470,21
L16	2,77	S00° 16' 45,35"E	708944,48 7465470,21	708944,37 7465467,44
L17	56,59	S00° 38' 50,04"W	708944,37 7465470,21	708943,75 7465410,85
L18	110,11	S02° 51' 13,11"E	708944,39 7465602,84	708948,67 7465480,88
L19	20,74	S03° 36' 33,36"E	709049,47 7465492,68	709050,78 7465471,98
L20	4,19	S02° 54' 24,78"E	709050,78 7465471,98	709050,99 7465467,80

TABELA DE ALINHAMENTOS				
TANGENTE	COMPRIMENTO	RUMO	INÍCIO	FINAL
L21	104,46	N86° 35' 36,86"E	708933,21 7465705,16	709037,49 7465711,36
L22	103,89	N87° 17' 26,42"E	708937,49 7465836,00	708941,47 7465640,91
L23	5,42	N63° 02' 01,90"E	708955,47 7465555,47	708935,02 7465557,93
L24	14,73	N87° 38' 21,59"E	708965,05 7465567,08	708965,47 7465567,69
L25	27,79	N88° 05' 29,62"E	708965,47 7465567,69	708965,47 7465568,61
L26	52,38	N87° 11' 17,27"E	708983,24 7465568,61	709045,56 7465571,18
L27	104,66	N87° 28' 18,68"E	708944,48 7465496,84	709049,03 7465501,45
L28	3,90	S02° 54' 24,78"E	709050,99 7465467,80	709051,19 7465463,90
L29	18,61	S68° 31' 53,95"W	709041,69 7465449,18	709024,38 7465442,37
L30	26,48	S68° 31' 53,95"W	709024,38 7465442,37	708999,74 7465432,68
L31	6,65	S68° 31' 53,95"W	708999,74 7465432,68	708993,55 7465430,24
L32	24,46	S68° 31' 53,95"W	708993,55 7465430,24	708970,78 7465421,29
L33	15,14	S68° 31' 53,95"W	708970,78 7465432,68	708956,69 7465415,75
L34	37,31	S64° 49' 08,90"E	709004,95 7465434,73	709038,72 7465418,86
L35	5,33	S02° 15' 01,66"E	709055,47 7465394,16	709055,63 7465388,83
L36	19,44	S02° 19' 57,08"E	709055,63 7465388,83	709056,42 7465369,41
L37	83,12	S04° 42' 05,67"E	708944,39 7465462,72	708991,39 7465343,88
L38	121,39	S27° 34' 44,23"W	708944,44 7465488,33	708888,25 7465380,74
L39	51,09	S25° 07' 42,57"W	708888,25 7465488,33	708866,55 7465371,98
L40	46,48	S25° 44' 24,87"W	708866,55 7465334,49	708846,36 7465292,61

TABELA DE CURVAS DE CUL-DE-SAC										
CURVAS	AC	R (m)	T (m)	D (m)	PC	PT	PONTO	PC	PI	PT
C1	11°12'09,72"	130,059	12,755	25,430	1+1,501	2+6,931	N E	7465780,4979 708745,0410	7465779,7149 708757,7724	7465781,4202 708770,4133
C2	8°38'59,29"	180,114	13,622	27,191	8+15,389	10+2,581	N E	7465797,0095 708897,9223	7465799,4702 708911,3198	7465803,9177 708924,1948
C3	30°08'52,47"	125,272	33,740	65,916	10+2,581	13+8,496	N E	7465803,9177 708924,1948	7465816,6911 708935,4234	7465843,4208 708976,0125
C4	24°26'01,82"	33,370	7,225	14,231	15+13,524	16+7,754	N E	7465878,3014 709004,4871	7465883,9515 709008,9902	7465890,9584 709010,7528
C5	19°12'27,04"	35,734	6,046	11,979	16+7,754	16+19,734	N E	7465890,9584 709010,7528	7465896,8468 709012,1254	7465901,9560 709015,3589
C6	9°07'57,89"	186,522	14,897	29,731	17+4,818	18+14,549	N E	7465906,2013 709018,1569	7465918,5278 709026,5222	7465929,3708 709036,7380
C7	4°23'57,69"	236,180	9,072	18,135	18+14,549	19+12,684	N E	7465929,3703 709036,7380	7465936,2698 709042,6282	7465943,6080 709047,9718
C8	9°33'02,20"	67,003	5,597	11,169	1+5,032	1+16,201	N E	7465786,5216 708920,0872	7465784,0273 708925,0773	7465780,7362 708929,6056
C9	38°15'22,43"	22,361	7,321	14,150	1+16,201	2+10,350	N E	7465780,7362 708929,6056	7465775,9767 708935,1681	7465775,4285 708942,4683
C10	2°26'25,21"	77,657	1,654	3,308	2+10,350	2+13,658	N E	7465775,4285 708942,4683	7465775,3968 708944,1220	7465775,4355 708945,7756
C11	10°29'40,88"	185,594	17,045	33,995	2+13,658	4+7,653	N E	7465775,4355 708945,7756	7465774,8167 708962,8094	7465777,3109 708979,6709
C12	11°36'46,38"	189,972	19,318	38,504	4+7,653	6+6,157	N E	7465777,3109 708979,6709	7465781,3211 708986,5684	7465789,0532 709016,2572
C13	2°07'49,35"	812,171	15,101	30,198	6+6,157	7+16,355	N E	7465789,0532 709016,2717	7465795,7827 709029,7902	7465803,0100 709043,0404
C14	1°05'14,86"	587,787	5,578	11,156	7+16,355	8+7,511	N E	7465803,0100 709043,0492	7465805,4711 709048,0552	7465807,8367 709053,1067
C15	11°21'23,47"	111,702	11,107	22,140	8+7,511	9+9,651	N E	7465807,8367 709053,1069	7465812,8226 709063,0314	7465819,6652 709071,7798
C16	1°43'07,46"	433,038	6,496	12,990	9+9,651	10+2,642	N E	7465819,6652 709071,7798	7465823,1311 709077,2734	7465826,7606 709082,6606
C17	8°22'12,94"	320,367	23,443	46,802	12+17,442	15+4,244	N E	7465862,3263 709124,3522	7465877,7358 709142,0188	7465890,4905 709161,8425
C18	1°40'42,32"	2938,229	43,039	86,073	0+0,000	4+6,073	N E	7465797,7813 709033,2993	7465754,8273 709036,0097	7465711,7103 709037,4697
C19	0°24'46,81"	3624,410	13,063	26,126	4+6,073	5+12,198	N E	7465711,8125 709037,4697	7465698,7747 709038,2704	7465685,7431 709039,1740
C20	1°39'24,09"	2878,837	41,623	83,241	5+12,198	9+15,439	N E	7465685,7431 709039,1740	7465644,1591 709040,9804	7465602,6446 709043,9848

