

DETALHE A
ESCALA 1:500

ELEMENTOS GEOMÉTRICOS DOS EIXOS E BORDOS

TABELA DE CURVAS CIRCULARES												
RAMO	CURVA Nº	R (m)	D (m)	AC	T (m)	PC	PT	PONTO	PI	CC	PC	PT
BORDO PISTA SUL	C-1	950,000	91,368	5°30'37,84"	45,719	29+16,66	34+08,02	N(y) E(x)	7315698,050 258899,707	7315184,665 259700,348	7315735,305 258926,207	7315658,421 258876,907
RAMO 100	C-101	40,000	23,585	33°46'58,28"	12,146	100+00,00	101+03,58	N(y) E(x)	7316024,017 259128,014	7316057,217 259102,612	7316033,882 259135,100	7316019,757 259116,639
	C-102	40,000	23,577	33°46'19,71"	12,142	101+03,58	102+07,16	N(y) E(x)	7316015,499 259105,268	7315982,297 259130,666	7316019,757 259116,639	7316005,639 259098,182
	C-103	50,000	27,741	31°47'17,99"	14,237	102+17,40	104+05,14	N(y) E(x)	7315985,763 259083,901	7315968,149 259132,813	7315997,325 259092,209	7315971,559 259082,930
	C-104	40,000	22,193	31°47'18,68"	11,390	104+05,14	105+07,33	N(y) E(x)	7315960,195 259082,153	7315974,287 259043,023	7315971,559 259082,930	7315950,946 259075,507
RAMO 200	C-201	63,500	15,705	14°10'15,18"	7,893	200+11,48	201+07,18	N(y) E(x)	7315938,399 259049,228	7315969,609 258993,366	7315932,036 259044,557	7315945,712 259052,198
	C-202	13,500	13,673	58°01'48,02"	7,488	202+15,51	203+09,18	N(y) E(x)	7315978,893 259065,676	7315977,036 259050,350	7315971,955 259062,858	7315984,956 259061,283

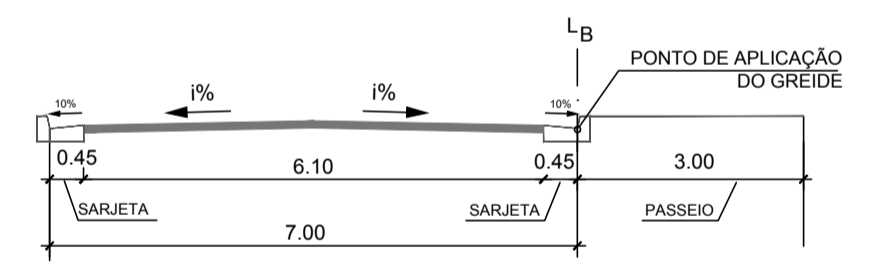
BORDO PISTA SUL		
PI	ESTACA	COORDENADA
INÍCIO	0+00,00	N(y) 7316220,8664 E(x) 259272,9459
1	4+16,26	N(y) 7316142,5953 E(x) 259216,9110
2	11+06,92	N(y) 7316036,2007 E(x) 259141,0765
FIM	29+16,66	N(y) 7315735,3054 E(x) 258926,2065

NARIZES E BORDOS					
CURVA Nº	R (m)	PONTO	CC	PC	PT
01	1,000	N(y) E(x)	7315970,125 259088,672	7315970,222 259087,677	7315969,542 259089,484
02	1,000	N(y) E(x)	7316014,378 259120,470	7316013,795 259121,282	7316015,259 259119,998
03	18,000	N(y) E(x)	7315996,891 259122,674	7316013,514 259115,786	7316007,389 259108,060
04	12,000	N(y) E(x)	7315976,024 259100,299	7315983,027 259090,554	7315977,188 259088,356
05	10,000	N(y) E(x)	7316031,659 259115,887	7316022,785 259120,496	7316023,054 259110,793
06	6,000	N(y) E(x)	7316016,863 259098,859	7316019,392 259104,300	7316013,362 259103,732
07	18,000	N(y) E(x)	7316002,068 259073,452	7315991,564 259088,069	7315986,120 259065,105
08	10,000	N(y) E(x)	7315994,980 259069,742	7315986,120 259065,105	7315989,215 259061,571
09	8,000	N(y) E(x)	7315962,872 259071,581	7315965,883 259064,169	7315959,974 259079,038
10	38,000	N(y) E(x)	7315973,746 259043,619	7315959,974 259079,038	7315951,500 259074,430

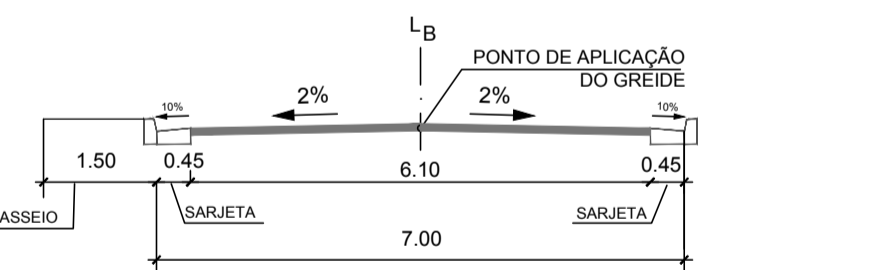
MELHORIA DE ACESSO
TRATAMENTO PRIMÁRIO

PLANTA GERAL
ESCALA 1:1000

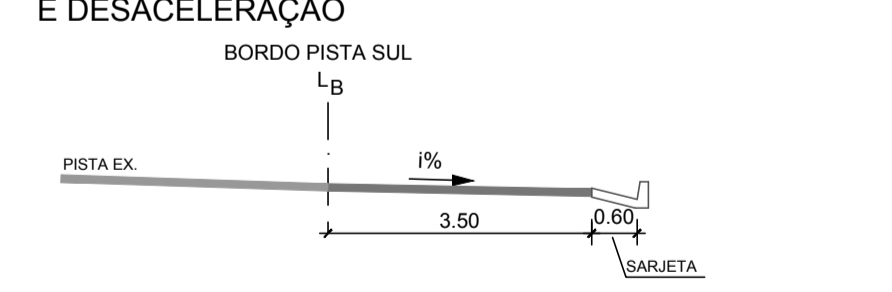
SEÇÃO A-A
RAMO 100



SEÇÃO B-B
RAMO 200



SEÇÃO C-C
FAIXAS DE ACELERAÇÃO
E DESACELERAÇÃO



NOTAS:
1. MEDIDAS EM METRO, EXCETO ONDE INDICADO.



FIRMA PROJETISTA	1	15/06/2011	REVISÃO GERAL	REV. :	1
Comas engenharia	0	15/01/2011	ESTEBAN COMAS - CREA: 060120345-5	EMISSÃO INICIAL	
Nº INTERNO: COM-DE-06-116/SP-384-2-F02/501	REV. 0	REV.	DATA	RESP. TEC./PROJETISTA	ASSUNTO
DESENHO ANTT: DE-06-116/SP-384-2-F02/501			LOCAL: km 384+260 - PISTA SUL		REV. :
RODOVIA: BR-116 RÉGIS BITTENCOURT			TRECHO: SÃO PAULO - CURITIBA		
TÍTULO: PROJETO GEOMÉTRICO - PLANTA MELHORIA EM ACESSOS BAIRRO PEDRO BARROS - MIRACATU			ESCALA: INDICADA		FOLHA: ÚNICA