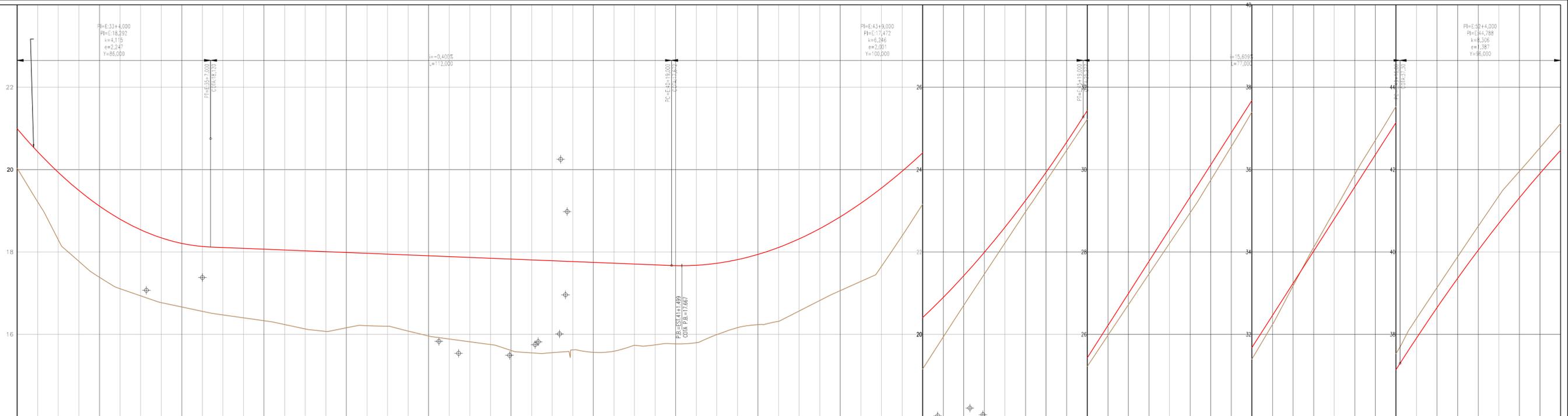
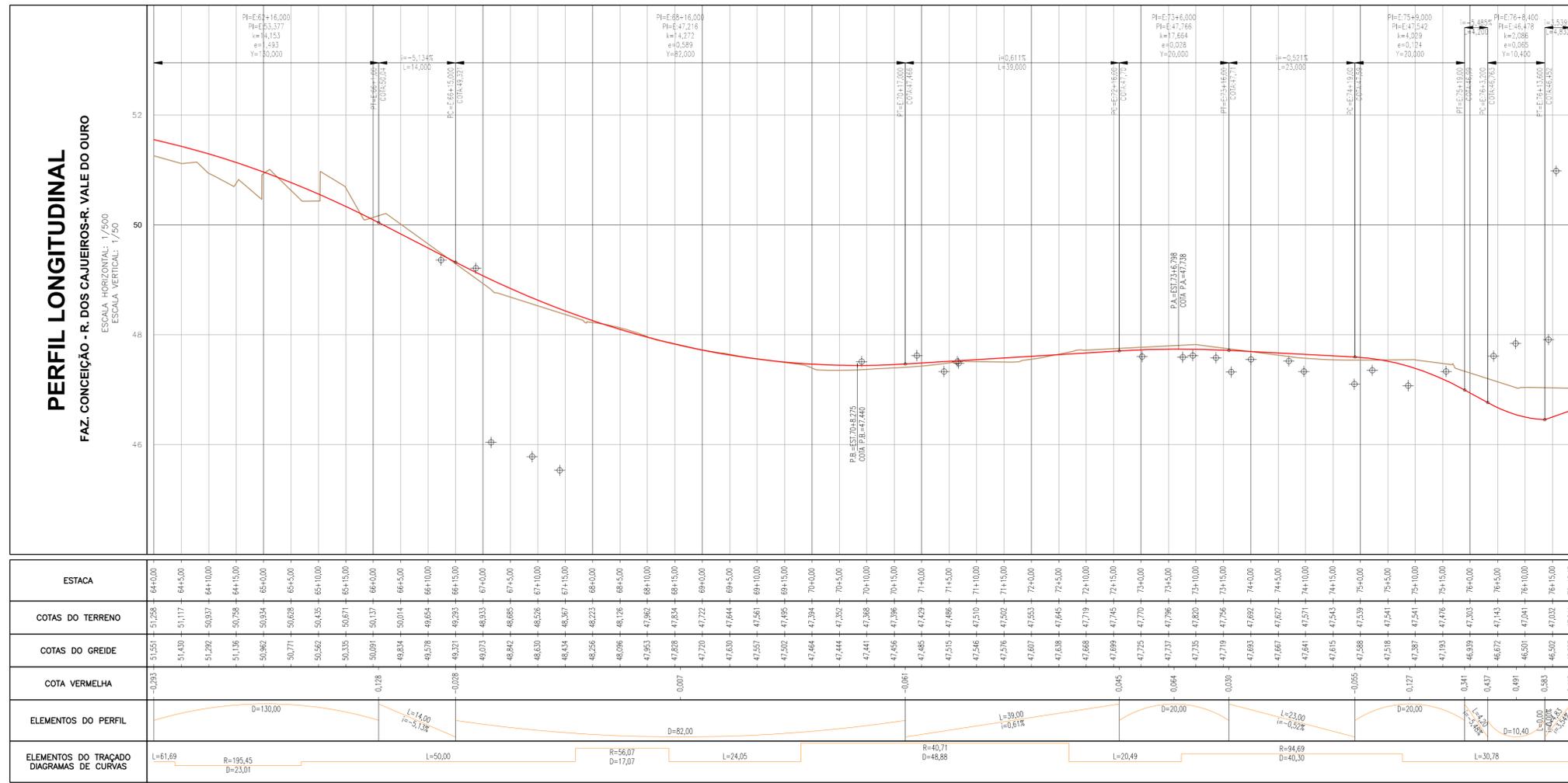


PERFIL LONGITUDINAL
FAZ. CONCEIÇÃO - R. DOS CAJUEIROS-R. VALE DO OURO

ESCALA HORIZONTAL: 1/500
ESCALA VERTICAL: 1/50



ESTACA	33+0.00	34+0.00	35+0.00	36+0.00	37+0.00	38+0.00	39+0.00	40+0.00	41+0.00	42+0.00	43+0.00	44+0.00	45+0.00	46+0.00	47+0.00	48+0.00	49+0.00	50+0.00	51+15.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
COTAS DO TERRENO	20,92	20,34	19,21	18,23	17,73	17,36	17,09	16,96	16,83	16,71	16,59	16,48	16,38	16,28	16,18	16,08	16,00	15,92	15,84	15,76	15,68	15,59	15,50	15,41	15,32	15,23	15,14	15,05	14,96	14,87	14,78	14,69	14,60	14,51	14,42	14,33	14,24	14,15	14,06	13,97	13,88	13,79	13,70	13,61	13,52	13,43	13,34	13,25	13,16	13,07	12,98	12,89	12,80	12,71	12,62	12,53	12,44	12,35	12,26	12,17	12,08	11,99	11,90	11,81	11,72	11,63	11,54	11,45	11,36	11,27	11,18	11,09	11,00	10,91	10,82	10,73	10,64	10,55	10,46	10,37	10,28	10,19	10,10	10,01	9,92	9,83	9,74	9,65	9,56	9,47	9,38	9,29	9,20	9,11	9,02	8,93	8,84	8,75	8,66	8,57	8,48	8,39	8,30	8,21	8,12	8,03	7,94	7,85	7,76	7,67	7,58	7,49	7,40	7,31	7,22	7,13	7,04	6,95	6,86	6,77	6,68	6,59	6,50	6,41	6,32	6,23	6,14	6,05	5,96	5,87	5,78	5,69	5,60	5,51	5,42	5,33	5,24	5,15	5,06	4,97	4,88	4,79	4,70	4,61	4,52	4,43	4,34	4,25	4,16	4,07	3,98	3,89	3,80	3,71	3,62	3,53	3,44	3,35	3,26	3,17	3,08	2,99	2,90	2,81	2,72	2,63	2,54	2,45	2,36	2,27	2,18	2,09	2,00	1,91	1,82	1,73	1,64	1,55	1,46	1,37	1,28	1,19	1,10	1,01	0,92	0,83	0,74	0,65	0,56	0,47	0,38	0,29	0,20	0,11	0,02	-0,07	-0,16	-0,25	-0,34	-0,43	-0,52	-0,61	-0,70	-0,79	-0,88	-0,97	-1,06	-1,15	-1,24	-1,33	-1,42	-1,51	-1,60	-1,69	-1,78	-1,87	-1,96	-2,05	-2,14	-2,23	-2,32	-2,41	-2,50	-2,59	-2,68	-2,77	-2,86	-2,95	-3,04	-3,13	-3,22	-3,31	-3,40	-3,49	-3,58	-3,67	-3,76	-3,85	-3,94	-4,03	-4,12	-4,21	-4,30	-4,39	-4,48	-4,57	-4,66	-4,75	-4,84	-4,93	-5,02	-5,11	-5,20	-5,29	-5,38	-5,47	-5,56	-5,65	-5,74	-5,83	-5,92	-6,01	-6,10	-6,19	-6,28	-6,37	-6,46	-6,55	-6,64	-6,73	-6,82	-6,91	-7,00	-7,09	-7,18	-7,27	-7,36	-7,45	-7,54	-7,63	-7,72	-7,81	-7,90	-7,99	-8,08	-8,17	-8,26	-8,35	-8,44	-8,53	-8,62	-8,71	-8,80	-8,89	-8,98	-9,07	-9,16	-9,25	-9,34	-9,43	-9,52	-9,61	-9,70	-9,79	-9,88	-9,97	-10,06	-10,15	-10,24	-10,33	-10,42	-10,51	-10,60	-10,69	-10,78	-10,87	-10,96	-11,05	-11,14	-11,23	-11,32	-11,41	-11,50	-11,59	-11,68	-11,77	-11,86	-11,95	-12,04	-12,13	-12,22	-12,31	-12,40	-12,49	-12,58	-12,67	-12,76	-12,85	-12,94	-13,03	-13,12	-13,21	-13,30	-13,39	-13,48	-13,57	-13,66	-13,75	-13,84	-13,93	-14,02	-14,11	-14,20	-14,29	-14,38	-14,47	-14,56	-14,65	-14,74	-14,83	-14,92	-15,01	-15,10	-15,19	-15,28	-15,37	-15,46	-15,55	-15,64	-15,73	-15,82	-15,91	-16,00	-16,09	-16,18	-16,27	-16,36	-16,45	-16,54	-16,63	-16,72	-16,81	-16,90	-16,99	-17,08	-17,17	-17,26	-17,35	-17,44	-17,53	-17,62	-17,71	-17,80	-17,89	-17,98	-18,07	-18,16	-18,25	-18,34	-18,43	-18,52	-18,61	-18,70	-18,79	-18,88	-18,97	-19,06	-19,15	-19,24	-19,33	-19,42	-19,51	-19,60	-19,69	-19,78	-19,87	-19,96	-20,05	-20,14	-20,23	-20,32	-20,41	-20,50	-20,59	-20,68	-20,77	-20,86	-20,95	-21,04	-21,13	-21,22	-21,31	-21,40	-21,49	-21,58	-21,67	-21,76	-21,85	-21,94	-22,03	-22,12	-22,21	-22,30	-22,39	-22,48	-22,57	-22,66	-22,75	-22,84	-22,93	-23,02	-23,11	-23,20	-23,29	-23,38	-23,47	-23,56	-23,65	-23,74	-23,83	-23,92	-24,01	-24,10	-24,19	-24,28	-24,37	-24,46	-24,55	-24,64	-24,73	-24,82	-24,91	-25,00	-25,09	-25,18	-25,27	-25,36	-25,45	-25,54	-25,63	-25,72	-25,81	-25,90	-25,99	-26,08	-26,17	-26,26	-26,35	-26,44	-26,53	-26,62	-26,71	-26,80	-26,89	-26,98	-27,07	-27,16	-27,25	-27,34	-27,43	-27,52	-27,61	-27,70	-27,79	-27,88	-27,97	-28,06	-28,15	-28,24	-28,33	-28,42	-28,51	-28,60	-28,69	-28,78	-28,87	-28,96	-29,05	-29,14	-29,23	-29,32	-29,41	-29,50	-29,59	-29,68	-29,77	-29,86	-29,95	-30,04	-30,13	-30,22	-30,31	-30,40	-30,49	-30,58	-30,67	-30,76	-30,85	-30,94	-31,03	-31,12	-31,21	-31,30	-31,39	-31,48	-31,57	-31,66	-31,75	-31,84	-31,93	-32,02	-32,11	-32,20	-32,29	-32,38	-32,47	-32,56	-32,65	-32,74	-32,83	-32,92	-33,01	-33,10	-33,19	-33,28	-33,37	-33,46	-33,55	-33,64	-33,73	-33,82	-33,91	-34,00	-34,09	-34,18	-34,27	-34,36	-34,45	-34,54	-34,63	-34,72	-34,81	-34,90	-34,99	-35,08	-35,17	-35,26	-35,35	-35,44	-35,53	-35,62	-35,71	-35,80	-35,89	-35,98	-36,07	-36,16	-36,25	-36,34	-36,43	-36,52	-36,61	-36,70	-36,79	-36,88	-36,97	-37,06	-37,15	-37,24	-37,33	-37,42	-37,51	-37,60	-37,69	-37,78	-37,87	-37,96	-38,05	-38,14	-38,23	-38,32	-38,41	-38,50	-38,59	-38,68	-38,77	-38,86	-38,95	-39,04	-39,13	-39,22	-39,31	-39,40	-39,49	-39,58	-39,67	-39,76	-39,85	-39,94	-40,03	-40,12	-40,21	-40,30	-40,39	-40,48	-40,57	-40,66	-40,75	-40,84	-40,93	-41,02	-41,11	-41,20	-41,29	-41,38	-41,47	-41,56	-41,65	-41,74	-41,83	-41,92	-42,01	-42,10	-42,19	-42,28	-42,37	-42,46	-42,55	-42,64	-42,73	-42,82	-42,91	-43,00	-43,09	-43,18	-43,27	-43,36	-43,45	-43,54	-43,63	-43,72	-43,81	-43,90	-43,99	-44,08	-44,17	-44,26	-44,35	-44,44	-44,53	-44,62	-44,71	-44,80	-44,89	-44,98	-45,07	-45,16	-45,25	-45,34	-45,43	-45,52	-45,61	-45,70	-45,79	-45,88	-45,97	-46,06	-46,15	-46,24	-46,33	-46,42	-46,51	-46,60	-46,69	-46,78	-46,87	-46,96	-47,05	-47,14	-47,23	-47,32	-47,41	-47,50	-47,59	-47,68	-47,77	-47,86	-47,95	-48,04	-48,13	-48,22	-48,31	-48,40	-48,49	-48,58	-48,67	-48,76	-48,85	-48,94	-49,03	-49,12	-49,21	-49,30	-49,39	-49,48	-49,57	-49,66	-49,75	-49,84	-49,93	-50,02	-50,11	-50,20	-50,29	-50,38	-50,47	-50,56	-50,65	-50,74	-50,83	-50,92	-51,01	-51,10	-51,19	-51,28	-51,37	-51,46	-51,55	-51,64	-51,73	-51,82	-51,91	-52,00	-52,09	-52,18	-52,27	-52,36	-52,45	-52,54	-52,63	-52,72	-52,81	-52,90	-52,99	-53,08	-53,17	-53,26	-53,35	-53,44	-53,53	-53,62	-53,71	-53,80	-53,89	-53,98	-54,07	-54,16	-54,25	-54,34	-54,43	-54,52	-54,61	-54,70	-54,79	-54,88	-54,97	-55,06	-55,15	-55,24	-55,33	-55,42	-55,51	-55,60	-55,69	-55,78	-55,87	-55,96	-56,05	-56,14	-56,23	-56,32	-56,41	-56,50	-56,59	-56,68	-56,77	-56,86	-56,95	-57,04	-57,13	-57,22	-57,31	-57,40	-57,49	-57,58	-57,67	-57,76	-57,85	-57,94	-58,03	-58,12	-58,21	-58,30	-58,39	-58,48	-58,57	-58,66	-58,75	-58,84	-58,93	-59,02	-59,11	-59,20	-59,29	-59,38	-59,47	-59,56	-59,65	-59,74	-59,83	-59,92	-60,01	-60,10	-60,19	-60,28	-60,37	-60,46	-60,55	-60,64	-60,73	-60,82	-60,91	-61,00	-61,09	-61,18	-61,27	-61,36	-61,45	-61,54	-61,63	-61,72	-61,81	-61,90	-61,99	-62,08	-62,17	-62,26	-62,35	-62,44	-62,53	-62,62	-62,71	-62,80	-62,89	-62,98	-63,07	-63,16	-63,25	-63,34	-63,43	-63,52	-63,61	-63,70	-63,79	-63,88	-63,97	-64,06	-64,15	-64,24	-64,33	-64,42	-64,51	-64,60	-64,69	-64,78	-64,87	-64,96	-65,05	-65,14	-65,23	-65,32	-65,41	-65,50	-65,59	-65,68	-65,77	-65,86	-65,95	-66,04	-66,13	-66,22	-66,31	-66,40	-66,49	-66,58	-66,67	-66,76	-66,85	-66,94	-67,03	-67,12	-67,21	-67,30	-67,39	-67,48	-67,57	-67,66	-67,75	-67,84	-67,93	-68,02	-68,11	-68,20	-68,29	-68,38	-68,47	-68,56	-68,65	-68,74	-68,83	-68,92	-69,01	-69,10	-69,19	-69,28	-69,37	-69,46	-69,55	-69,64	-69,73	-69,82	-69,91	-70,00	-70,09	-70,18	-70,27	-70,36	-70,45	-70,54	-70,63	-70,72	-70,81	-70,90	-70,99	-71,08	-71,17	-71,26	-71,35	-71,44	-71,53	-71,62	-71,71	-71,80	-71,89	-71,98	-72,07	-72,16	-72,25	-72,34	-72,43	-72,52	-72,61	-72,70	-72,79	-72,88	-72,97	-73,06	-73,15	-73,24	-73,33	-73,42	-73,51	-73,60	-73,69	-73,78	-73,87	-73,96	-74,05	-74,14	-74,23	-74,32	-74,41	-74,50	-74,59	-74,68	-74,77	-74,86	-74,95	-75,04	-75,13	-75,22	-75,31	-75,40	-75,49	-75,58	-75,67	-75,76	-75,85	-75,94	-76,03	-76,12	-76,21	-76,30	-76,39	-76,48	-76,57	-76,66	-76,75	-76,84	-76,93	-77,02	-77,11	-77,20	-77,29	-77,38	-77,47	-77,56	-77,65	-77,74	-77,83	-77,92	-78,01	-78,10	-78,19	-78,28	-78,37	-78,46	-78,55	-78,64	-78,73	-78,82	-78,91	-79,00	-79,09	-79,18	-79,27	-79,36	-79,45	-79,54	-79,63	-79,72	-79,81	-79,90	-79,99	-80,08	-80,17	-80,26	-80,35	-80,44	-80,53	-80,62	-80,71	-80,80	-80,89	-80,98	-81,07	-81,16	-81,25	-81,34	-81,43	-81,52	-81,61	-81,70	-81,79	-81,88	-81,97	-82,06	-82,15	-82,24	-82,33	-82,42	-82,51	-82,60	-82,69	-82,78	-82,87	-82,96	-83,05	-83,14	-83,23	-83,32	-83,41	-83,50	-83,59	-83,68	-83,77	-83,86	-83,95	-84,04	-84,13	-84,22	-84,31	-84,40	-84,49	-84,58	-84,67	-84,76	-84,85	-84,94	-85,03	-85,12	-85,21	-85,30	-85,39	-85,48	-85,57	-85,66	-85,75	-85,84	-85,93	-86,02	-86,11	-86,20	-86,29	-86,38	-86,47	-86,56	-86,65	-86,74	-86,83	-86,92	-87,01	-87,10	-87,19	-87,28	-87,37	-87,46	-87,55	-87,64	-87,73	-87,82	-87,91	-88,00	-88,09	-88,18	-88,27	-88,36	-88,45	-88,54	-88,63	-88,72	-88,81	-88,90	-88,99	-89,08	-89,17	-89,26	-89,35	-89,44	-89,53	-89,62	-89,71	-89,80	-89,89	-89,98	-90,07	-90,16	-90,25	-90,34	-90,43	-9



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

LEGENDA:

PERFIL VIÁRIO	PERFIL DRENAGEM
GREIDE DA PISTA	CÓDIGO
k	TERRENO NATURAL
PARÂMETRO DA PARÁBOLA	ESTRUTURA
e	GALERIA
FLECHA DA PARÁBOLA	
y	
COMPRIMENTO DA PARÁBOLA	
i	
DECLIVIDADE	
L	
COMPRIMENTO DA TANGENTE	
PC	
PONTO DE CURVA	
PI	
PI DA CURVA	
PT	
PONTO DE TANGENTE	
PA	
PONTO ALTO	
PB	
PONTO BAIXO	

- DESENHOS DE REFERÊNCIA:**
- 0365-DE-00-SV-001
 - 0365-DE-00-SV-002
 - 0365-DE-35-SV-001
 - 0365-DE-35-SV-002
 - 0365-DE-35-SV-003
 - 0365-DE-35-SV-004
 - 0365-DE-35-SV-005
 - 0365-DE-35-SV-006

ATUALIZAÇÃO

Nº	DATA	CONTEÚDO	REVISADO	VERIFICADO	APROVADO

RESPONSÁVEL CONTRATANTE:
RESPONSÁVEL CONSTRUTOR:
RESPONSÁVEL PROJETISTA:

SECRETARIA DE INFRAESTRUTURA HÍDRICA E SANEAMENTO | **BAHIA** GOVERNO DO ESTADO | **Consórcio** HYDROS ffa

PLANO URBANÍSTICO E AMBIENTAL E PROJETOS ESPECÍFICOS PARA O VETOR IPITANGA

CONTRATANTE: SECRETARIA DE INFRAESTRUTURA HÍDRICA E SANEAMENTO - SIHS

FASE: PROJETO EXECUTIVO DISCIPLINA: SISTEMA VIÁRIO TEMA PROJ. ESPECÍFICO: GEOMETRIA E DRENAGEM

PERFIL GRUPO 02 - FAZENDA CONCEIÇÃO

ENDEREÇO: RODOVIA BA 526 - CASSANGE - SALVADOR / BAHIA DATA EMISSÃO INICIAL: OUT./2016 ESCALA: 1:500

PROJETO Nº: 0365 PROJ.: TIAGO CARNEIRO DES.: RODRIGO MARTINS DESENHO Nº: 0365-DE-34-SV-014 R-00

CONF.: FRANZ RANGEL VERIF.: LIANA VIVEIROS APROV.: ULYSSES LIMA

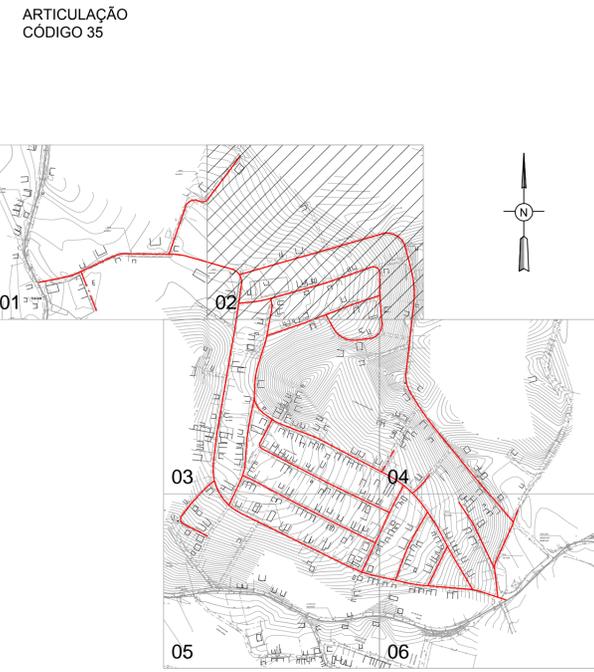
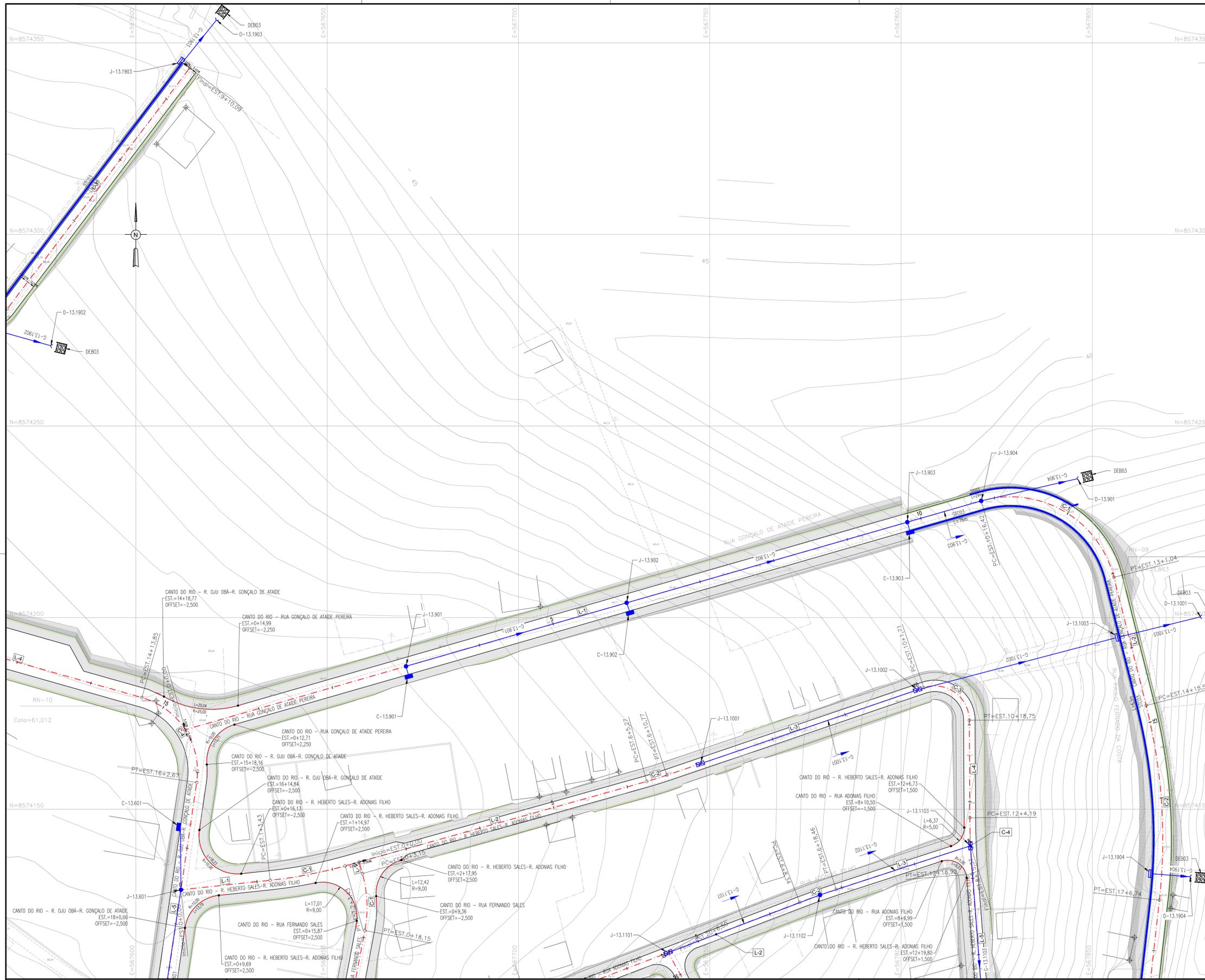
0365-DE-34-SV-014 R-00 (P.05)

TABELA DOS BUEIROS					TABELA DOS BUEIROS						
CÓDIGO	DN (m)	COMP. (m)	COTA DE MONTANTE	COTA DE JUSANTE	DECLIVIDADE (%)	CÓDIGO	DN (m)	COMP. (m)	COTA DE MONTANTE	COTA DE JUSANTE	DECLIVIDADE (%)
G-13.101	0.60	21.15	50.30	49.26	4.89%	G-13.1806	0.60	7.38	10.87	10.83	0.50%
G-13.102	0.60	8.53	49.26	48.91	4.13%	G-13.1901	0.60	30.48	58.52	58.38	0.43%
G-13.103	0.60	12.62	48.91	48.54	2.97%	G-13.1902	0.60	15.64	55.14	55.06	0.50%
G-13.104	0.60	18.86	48.54	48.13	2.15%	G-13.1903	0.60	14.15	48.44	48.37	0.50%
G-13.105	0.60	65.92	48.13	46.76	2.08%	G-13.1904	0.60	9.86	24.48	24.43	0.50%
G-13.106	0.60	66.17	46.76	42.05	7.11%	G-13.1906	0.60	11.21	16.96	16.90	0.50%
G-13.107	0.60	57.68	42.05	36.46	9.99%	G-13.2001	0.50	13.39	35.56	33.62	14.45%
G-13.108	0.60	8.49	36.46	35.68	9.18%	G-13.2002	0.50	35.21	33.27	30.37	8.22%
G-13.109	0.60	43.49	35.68	32.63	7.01%	G-13.2003	0.50	76.86	27.42	14.32	17.05%
G-13.110	0.60	7.55	32.63	32.21	5.56%						
G-13.111	0.60	47.85	32.21	29.14	6.43%						
G-13.112	0.60	65.84	26.89	18.60	12.60%						
G-13.113	0.60	37.05	16.85	13.21	9.83%						
G-13.201	0.60	36.48	53.24	49.25	10.94%						
G-13.202	0.60	11.57	49.25	48.54	6.15%						
G-13.301	0.60	60.00	50.18	45.31	8.12%						
G-13.302	0.60	69.36	45.31	38.69	9.55%						
G-13.303	0.60	7.86	38.69	38.33	4.58%						
G-13.304	0.60	37.67	38.33	35.88	6.50%						
G-13.305	0.60	9.41	35.88	35.68	2.12%						
G-13.401	0.60	68.92	52.78	49.72	4.45%						
G-13.402	0.60	60.00	49.72	45.13	7.65%						
G-13.403	0.60	48.42	45.13	41.38	7.73%						
G-13.404	0.60	37.85	41.38	38.50	7.61%						
G-13.405	0.60	17.21	38.50	37.29	7.08%						
G-13.406	0.60	29.30	37.29	35.32	6.72%						
G-13.407	0.60	5.59	35.32	34.96	6.32%						
G-13.408	0.60	57.69	34.96	29.68	6.18%						
G-13.409	0.60	73.63	29.68	18.60	15.05%						
G-13.501	0.60	65.00	49.91	44.41	8.46%						
G-13.502	0.60	57.20	44.41	39.77	8.11%						
G-13.503	0.60	7.79	39.77	39.49	3.63%						
G-13.504	0.60	34.83	39.49	38.74	2.14%						
G-13.505	0.60	10.03	38.74	38.50	2.34%						
G-13.601	0.60	47.98	57.99	55.95	4.26%						
G-13.602	0.60	41.05	55.95	54.56	3.38%						
G-13.603	0.60	50.03	54.56	53.96	1.20%						
G-13.604	0.60	2.51	53.96	53.94	0.76%						
G-13.605	0.60	19.09	53.94	53.85	0.50%						
G-13.701	0.60	56.25	55.11	51.15	7.03%						
G-13.702	0.60	2.50	51.15	51.08	3.01%						
G-13.703	0.60	9.36	51.08	51.03	0.50%						
G-13.801	0.60	36.54	53.18	51.15	5.56%						
G-13.901	0.60	60.00	56.44	51.44	8.34%						
G-13.902	0.60	76.33	51.44	40.39	14.47%						
G-13.903	0.60	20.09	40.39	35.69	23.42%						
G-13.904	0.60	25.76	35.69	35.56	0.50%						
G-13.1001	0.60	60.00	52.66	45.26	12.32%						
G-13.1002	0.60	54.53	45.26	29.84	28.28%						
G-13.1003	0.60	21.80	29.84	29.73	0.50%						
G-13.1101	0.60	42.44	51.66	48.49	7.46%						
G-13.1102	0.60	41.37	47.24	42.32	11.91%						
G-13.1103	0.60	41.19	42.32	38.82	8.49%						
G-13.1104	0.60	10.23	38.82	38.50	3.13%						
G-13.1105	0.60	41.55	38.50	22.23	39.16%						
G-13.1106	0.60	11.54	22.23	22.17	0.50%						
G-13.1201	0.60	21.08	41.10	39.63	7.00%						
G-13.1202	0.60	10.17	39.63	38.81	8.06%						
G-13.1203	0.60	9.70	38.81	38.50	3.20%						
G-13.1301	0.60	61.64	58.68	57.79	1.43%						
G-13.1302	0.60	19.39	57.79	57.72	0.37%						
G-13.1303	0.60	2.49	57.72	57.65	3.01%						
G-13.1304	0.60	12.13	57.65	57.59	0.50%						
G-13.1401	0.60	9.13	58.56	57.95	6.70%						
G-13.1401(a)	0.50	4.80	58.57	58.56	0.12%						
G-13.1402	0.60	52.70	57.95	57.72	0.44%						
G-13.1501	0.60	71.47	39.15	20.06	26.71%						
G-13.1502	0.60	15.15	20.06	19.98	0.50%						
G-13.1601	0.60	47.21	32.63	18.30	30.36%						
G-13.1602	0.60	12.51	18.30	18.23	3.40%						
G-13.1801	0.60	47.32	24.76	13.98	22.76%						
G-13.1802	0.60	7.20	13.98	12.94	14.58%						
G-13.1803	0.60	34.38	12.94	11.77	3.40%						
G-13.1804	0.60	29.32	11.77	11.00	2.60%						
G-13.1805	0.60	20.38	11.00	10.90	0.50%						

TABELA DE ESTRUTURAS				
CÓDIGO	TIPO	COTAS	PROFUNDIDADE (m)	COORDENADAS
C-13.701	BCLS	CT= 58,65 CF= 56,60	2,05	N=8574095 E=567658
C-13.801	BCLS	CT= 56,52 CF= 54,47	2,05	N=8573970 E=567632
C-13.901	BCLS	CT= 56,63 CF= 56,58	2,05	N=8574185 E=567671
C-13.902	BCLS	CT= 53,61 CF= 51,56	2,05	N=8574202 E=567723
C-13.903	BCLS	CT= 42,58 CF= 40,52	2,05	N=8574223 E=567802
C-13.1301	BCLS	CT= 60,85 CF= 58,80	2,05	N=8574198 E=567510
C-13.1401	BCLS	CT= 60,13 CF= 58,08	2,05	N=8574178 E=567581
C-13.1801	BCLS	CT= 13,95 CF= 11,90	2,05	N=8573782 E=568003
C-13.1802	BCLS	CT= 14,46 CF= 12,41	2,05	N=8573816 E=568005
C-13.2001	BCLT	CT= 39,44 CF= 37,39	2,05	N=8573810 E=567531
D-13.601	BOCA DE BUEIRO	CT= 55,02 CF= ???	2,90	N=8573995 E=567958
D-13.701	BOCA DE BUEIRO	CT= 52,20 CF= ???	2,90	N=8574026 E=567649
D-13.901	BOCA DE BUEIRO	CT= 36,73 CF= ???	3,02	N=8574236 E=567846
D-13.1001	BOCA DE BUEIRO	CT= 30,91 CF= ???	2,90	N=8573845 E=567802
D-13.1101	BOCA DE BUEIRO	CT= 23,35 CF= ???	2,90	N=8574078 E=567871
D-13.1301	BOCA DE BUEIRO	CT= 58,76 CF= ???	3,02	N=8574185 E=567437
D-13.1501	BOCA DE BUEIRO	CT= 21,16 CF= ???	2,90	N=8573985 E=567887
D-13.1601	BOCA DE BUEIRO	CT= 19,41 CF= ???	2,90	N=8573923 E=567931
D-13.1801	BOCA DE BUEIRO	CT= 12,01 CF= ???	3,02	N=8573828 E=568030
D-13.1901	BOCA DE BUEIRO	CT= 59,56 CF= ???	7,77	N=8574200 E=567432
D-13.1902	BOCA DE BUEIRO	CT= 56,23 CF= ???	2,90	N=8574271 E=567578
D-13.1903	BOCA DE BUEIRO	CT= 49,55 CF= ???	2,90	N=8574356 E=567621
D-13.1904	BOCA DE BUEIRO	CT= 25,61 CF= ???	2,90	N=8574132 E=567876
D-13.1905	BOCA DE BUEIRO	CT= 18,07 CF= ???	2,90	N=8573875 E=567869
J-13.101	PV A	CT= 51,51 CF= 49,26	2,25	N=8573870 E=567584
J-13.102	PV A	CT= 51,51 CF= 49,26	2,25	N=8573851 E=567584

TABELA DE ESTRUTURAS				
CÓDIGO	TIPO	COTAS	PROFUNDIDADE (m)	COORDENADAS
J-13.103	PV A	CT= 51,16 CF= 48,91	2,25	N=8573844 E=567590
J-13.104	PV A	CT= 50,79 CF= 48,54	2,25	N=8573834 E=567598
J-13.105	PV A	CT= 50,38 CF= 48,13	2,25	N=8573824 E=567613
J-13.106	PV A	CT= 49,01 CF= 46,76	2,25	N=8573795 E=567672
J-13.107	PV A	CT= 44,30 CF= 42,05	2,25	N=8573766 E=567732
J-13.108	PV A	CT= 38,71 CF= 36,46	2,25	N=8573741 E=567784
J-13.109	PV A	CT= 37,93 CF= 35,68	2,25	N=8573737 E=567791
J-13.110	PV A	CT= 34,88 CF= 32,63	2,25	N=8573727 E=567834
J-13.111	PV A	CT= 34,46 CF= 32,21	2,25	N=8573725 E=567841
J-13.112	PV A	CT= 31,39 CF= 26,89	4,50	N=8573717 E=567888
J-13.113	PV A	CT= 20,85 CF= 16,85	4,00	N=8573711 E=567954
J-13.201	PV A	CT= 55,49 CF= 53,24	2,25	N=8573878 E=567618
J-13.202	PV A	CT= 51,50 CF= 49,25	2,25	N=8573845 E=567602
J-13.301	CX-1	CT= 52,43 CF= 50,18	2,25	N=8573841 E=567689
J-13.302	CX-1	CT= 47,56 CF= 45,31	2,25	N=8573814 E=567742
J-13.303	CX-1	CT= 40,94 CF= 38,69	2,25	N=8573783 E=567804
J-13.304	PV A	CT= 40,58 CF= 38,33	2,25	N=8573780 E=567811
J-13.305	PV A	CT= 38,13 CF= 35,88	2,25	N=8573746 E=567795
J-13.401	PV A	CT= 55,03 CF= 52,78	2,25	N=8573980 E=567661
J-13.402	PV A	CT= 51,97 CF= 49,72	2,25	N=8573933 E=567725
J-13.403	PV A	CT= 47,38 CF= 45,13	2,25	N=8573906 E=567778
J-13.404	PV A	CT= 43,63 CF= 41,38	2,25	N=8573883 E=567821
J-13.405	PV A	CT= 40,76 CF= 38,50	2,25	N=8573863 E=567853
J-13.406	PV A	CT= 39,54 CF= 37,29	2,25	N=8573852 E=567866
J-13.407	PV A	CT= 37,57 CF= 35,32	2,25	N=8573829 E=567884
J-13.408	PV A	CT= 37,21 CF= 34,96	2,25	N=8573825 E=567888

TABELA DE ESTRUTURAS				
CÓDIGO	TIPO	COTAS	PROFUNDIDADE (m)	COORDENADAS
J-13.409	PV A	CT= 31,93 CF= 29,68	2,25	N=8573775 E=567917
J-13.501	CX-1	CT= 52,16 CF= 49,91	2,25	N=8573881 E=567716
J-13.502	CX-1	CT= 46,66 CF= 44,41	2,25	N=8573852 E=567774
J-13.503	CX-1	CT= 42,02 CF= 39,77	2,25	N=8573827 E=567825
J-13.504	PV A	CT= 41,74 CF= 39,49	2,25	N=8573824 E=567832
J-13.505	PV A	CT= 40,99 CF= 38,74	2,25	N=8573855 E=567848
J-13.601	PV A	CT= 60,24 CF= 57,99	2,25	N=8574129 E=567612
J-13.602	PV A	CT= 58,20 CF= 55,95	2,25	N=8574082 E=567605
J				



RESPONSÁVEL CONTRATANTE:
 RESPONSÁVEL CONSTRUTOR:
 RESPONSÁVEL PROJETISTA:

SECRETARIA DE INFRAESTRUTURA HÍDRICA E SANEAMENTO | **BAHIA** GOVERNO DO ESTADO | Consórcio **CH2 HYDROS** ffa

**PLANO URBANÍSTICO E AMBIENTAL
 E PROJETOS ESPECÍFICOS PARA O VETOR IPITANGA**

CONTRATANTE: SECRETARIA DE INFRAESTRUTURA HÍDRICA E SANEAMENTO - SIHS		DISCIPLINA: SISTEMA VIÁRIO		TEMA/PROJ. ESPECÍFICO: GEOMETRIA E DRENAGEM	
FASE: PROJETO EXECUTIVO		DISCIPLINA: SISTEMA VIÁRIO		TEMA/PROJ. ESPECÍFICO: GEOMETRIA E DRENAGEM	
TÍTULO: PLANTA GRUPO 02 - CANTO DO RIO			NÚMERO PRONÁVIA: 02 DE 06		
ENDEREÇO: RODOVIA BA 526 - CASSANGE - SALVADOR / BAHIA		DATA EMISSÃO INICIAL: OUT/2016		ESCALA: 1:500	
PROJETO Nº: 0365	PROJ. TIAGO CARNEIRO	DES. RODRIGO SÃO PEDRO	DESENHO Nº 0365-DE-35-SV-002 R-00		
CONF. FRANZ RANGEL	VERIF. LIANA VIVEIROS	APROV. ULYSSES LIMA			

- NOTAS:**
- 1 - MEDIDAS EM METRO, EXCETO ONDE INDICADO.
 - 2 - PARA DETALHES DAS SEÇÕES TRANSVERSAIS DAS TRANSIÇÕES DE PASSEIOS E PAVIMENTOS, CONSULTAR PROJETO URBANÍSTICO DE PAVIMENTAÇÃO
 - 3 - O COMPRIMENTO DA GALERIA TUBULAR DEVERÁ SER AJUSTADO AO TERRENO CONTÍGUO, MANTENDO SUA DECLIVIDADE.
 - 4 - AS COTAS DOS DISPOSITIVOS DEVERÃO SER CONFIRMADAS EM CAMPO.

LEGENDA:

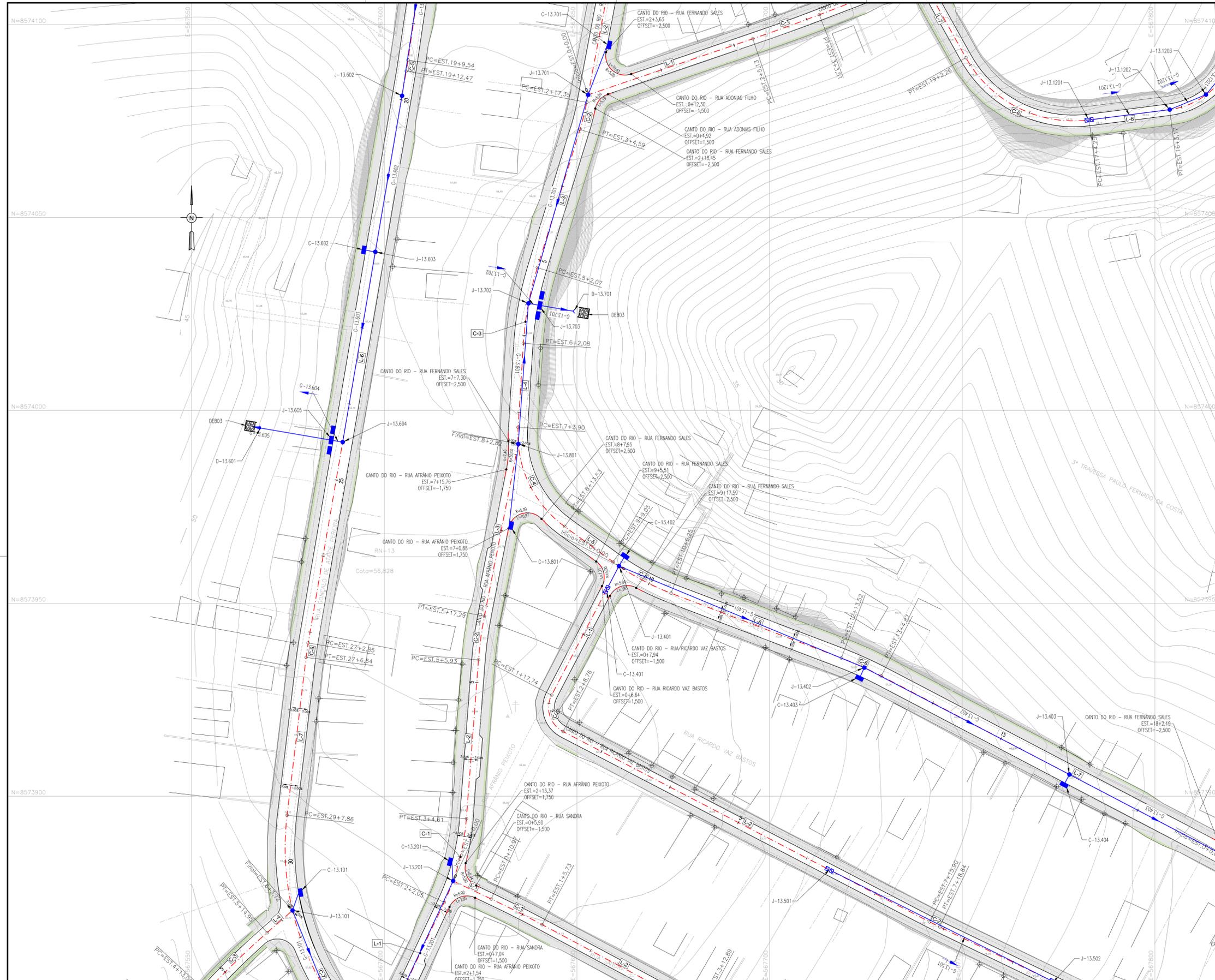
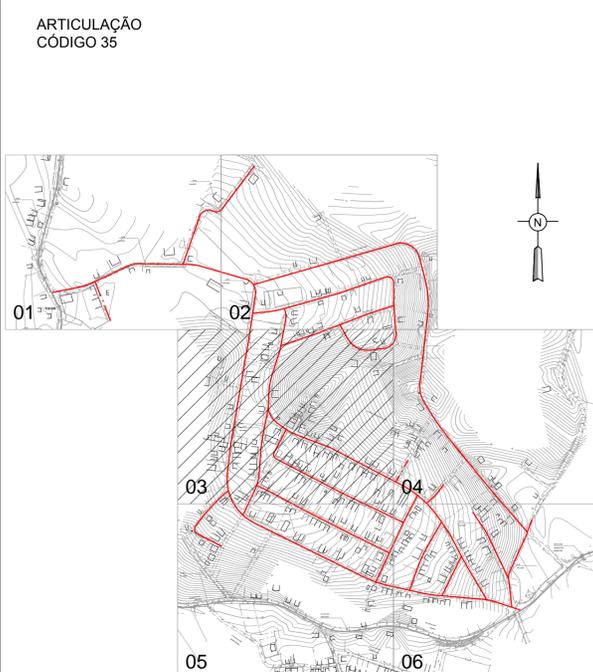
PLANTA VIÁRIO	PLANTA DRENAGEM
<ul style="list-style-type: none"> L-1 CÓDIGO DA LINHA C-1 CÓDIGO DA CURVA EIXO ESTADUEADO SUPERELEVÇÃO PC PONTO DE CURVA PI DA CURVA PT PONTO DE TANGENTE CURVA DE NÍVEL 	<ul style="list-style-type: none"> CÓDIGO FLUXO CÓDIGO

DESENHOS DE REFERÊNCIA:

0365-DE-00-SV-001	0365-DE-35-SV-013
0365-DE-00-SV-002	0365-DE-35-SV-014
0365-DE-35-SV-007	0365-DE-35-SV-015
0365-DE-35-SV-008	0365-DE-35-SV-016
0365-DE-35-SV-009	
0365-DE-35-SV-010	
0365-DE-35-SV-011	
0365-DE-35-SV-012	

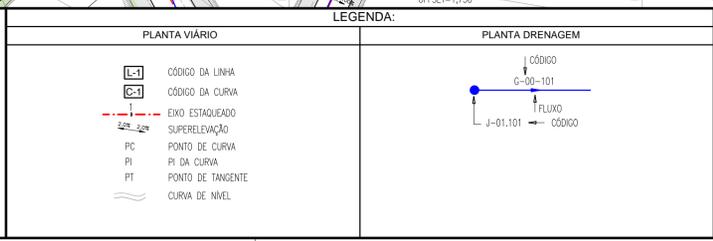
ATUALIZAÇÃO

Nº	DATA	CONTEÚDO	REVISADO	VERIFICADO	APROVADO



NOTAS:

- 1 - MEDIDAS EM METRO, EXCETO ONDE INDICADO.
- 2 - PARA DETALHES DAS SEÇÕES TRANSVERSAIS DAS TRANSIÇÕES DE PASSEIOS E PAVIMENTOS, CONSULTAR PROJETO URBANÍSTICO DE PAVIMENTAÇÃO
- 3 - O COMPRIMENTO DA GALERIA TUBULAR DEVERÁ SER AJUSTADO AO TERRENO CONTIGUO, MANTENDO SUA DECLIVIDADE.
- 4 - AS COTAS DOS DISPOSITIVOS DEVERÃO SER CONFIRMADAS EM CAMPO.



DESENHOS DE REFERÊNCIA:

0365-DE-00-SV-001	0365-DE-35-SV-013
0365-DE-00-SV-002	0365-DE-35-SV-014
0365-DE-35-SV-007	0365-DE-35-SV-015
0365-DE-35-SV-008	0365-DE-35-SV-016
0365-DE-35-SV-009	
0365-DE-35-SV-010	
0365-DE-35-SV-011	
0365-DE-35-SV-012	

ATUALIZAÇÃO

Nº	DATA	CONTEÚDO	REVISADO	VERIFICADO	APROVADO

RESPONSÁVEL CONTRATANTE:
RESPONSÁVEL CONSTRUTOR:
RESPONSÁVEL PROJETISTA:

SECRETARIA DE INFRAESTRUTURA HÍDRICA E SANEAMENTO - SIHS

BAHIA GOVERNO DO ESTADO

Consórcio **CH2 HYDRUS** ffa

PLANO URBANÍSTICO E AMBIENTAL E PROJETOS ESPECÍFICOS PARA O VETOR IPITANGA

CONTRATANTE: SECRETARIA DE INFRAESTRUTURA HÍDRICA E SANEAMENTO - SIHS

FASE: PROJETO EXECUTIVO DISCIPLINA: SISTEMA VIÁRIO TEMA/PROJ. ESPECÍFICO: GEOMETRIA E DRENAGEM

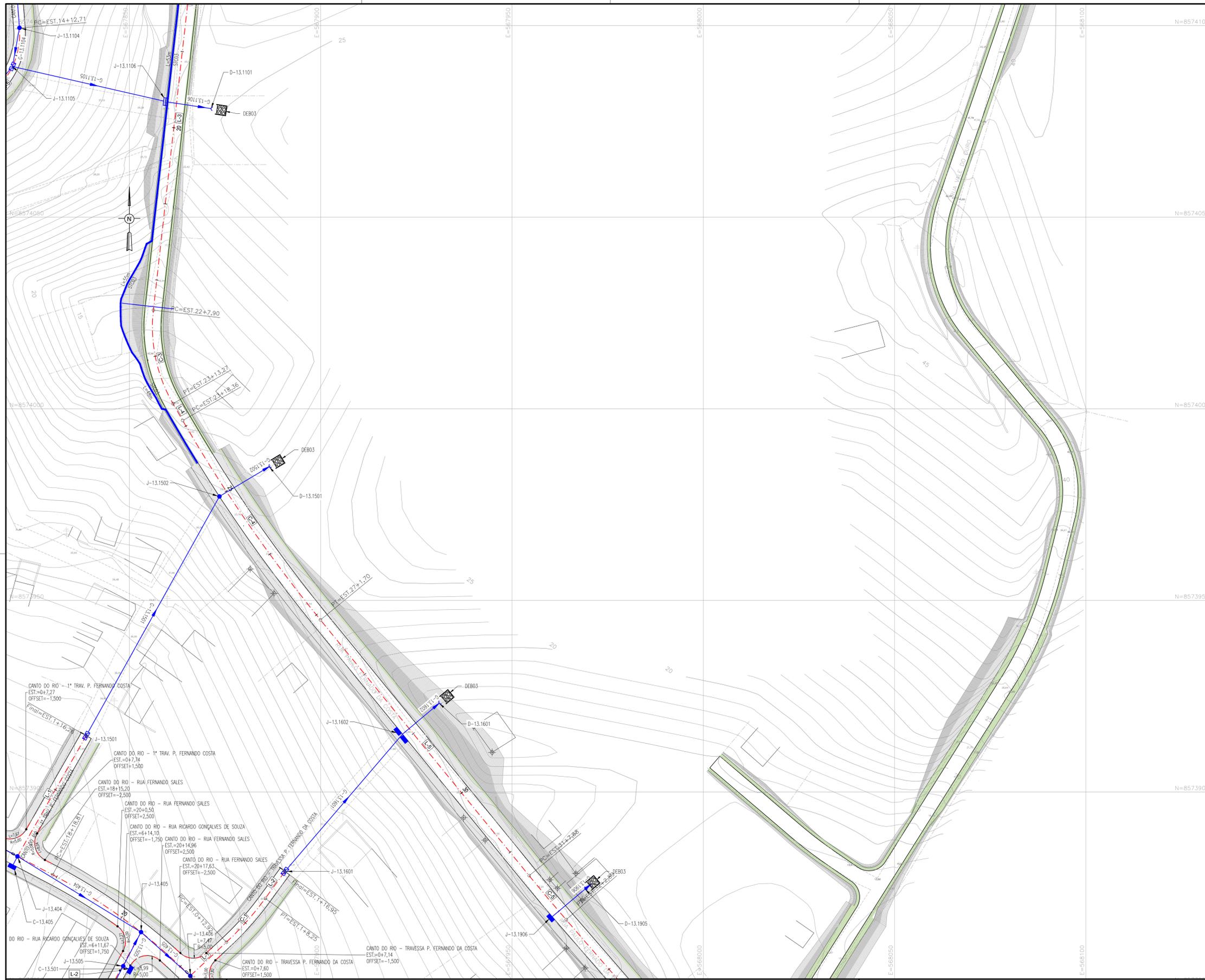
TÍTULO: PLANTA GRUPO 02 - CANTO DO RIO

ENDEREÇO: RODOVIA BA 526 - CASSANGE - SALVADOR / BAHIA DATA EMISSÃO INICIAL: OUT./2016 ESCALA: 1:500

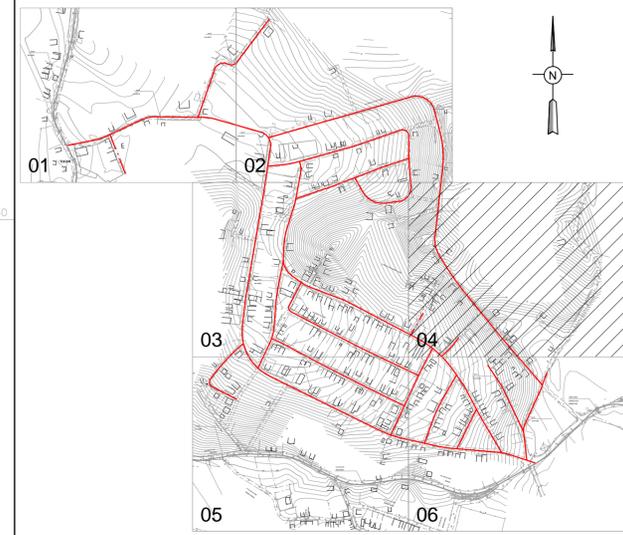
PROJETO Nº: 0365 PROJ.: TIAGO CARNEIRO DES.: RODRIGO SÃO PEDRO DESENHO Nº: 0365-DE-35-SV-003 R-00

CONF.: FRANZ RANGEL VERIF.: LIANA VIVEIROS APROV.: ULYSSES LIMA

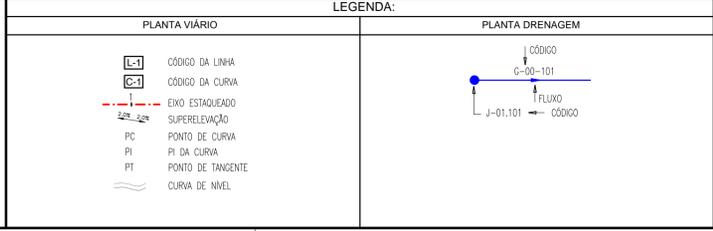
NÚMERO PRANCHA: 03 DE 06



ARTICULAÇÃO
CÓDIGO 35



- NOTAS:**
- 1 - MEDIDAS EM METRO, EXCETO ONDE INDICADO.
 - 2 - PARA DETALHES DAS SEÇÕES TRANSVERSAIS DAS TRANSIÇÕES DE PASSAGENS E PAVIMENTOS, CONSULTAR PROJETO URBANÍSTICO DE PAVIMENTAÇÃO
 - 3 - O COMPRIMENTO DA GALERIA TUBULAR DEVERÁ SER AJUSTADO AO TERRENO CONTÍGUO, MANTENDO SUA DECLIVIDADE.
 - 4 - AS COTAS DOS DISPOSITIVOS DEVERÃO SER CONFIRMADAS EM CAMPO.



DESENHOS DE REFERÊNCIA:

0365-DE-00-SV-001	0365-DE-35-SV-013
0365-DE-00-SV-002	0365-DE-35-SV-014
0365-DE-35-SV-007	0365-DE-35-SV-015
0365-DE-35-SV-008	0365-DE-35-SV-016
0365-DE-35-SV-009	
0365-DE-35-SV-010	
0365-DE-35-SV-011	
0365-DE-35-SV-012	

ATUALIZAÇÃO

Nº	DATA	CONTEÚDO	REVISADO	VERIFICADO	APROVADO

RESPONSÁVEL CONTRATANTE:
RESPONSÁVEL CONSTRUTOR:
RESPONSÁVEL PROJETISTA:



**PLANO URBANÍSTICO E AMBIENTAL
E PROJETOS ESPECÍFICOS PARA O VETOR IPITANGA**

CONTRATANTE: SECRETARIA DE INFRAESTRUTURA HÍDRICA E SANEAMENTO - SIHS

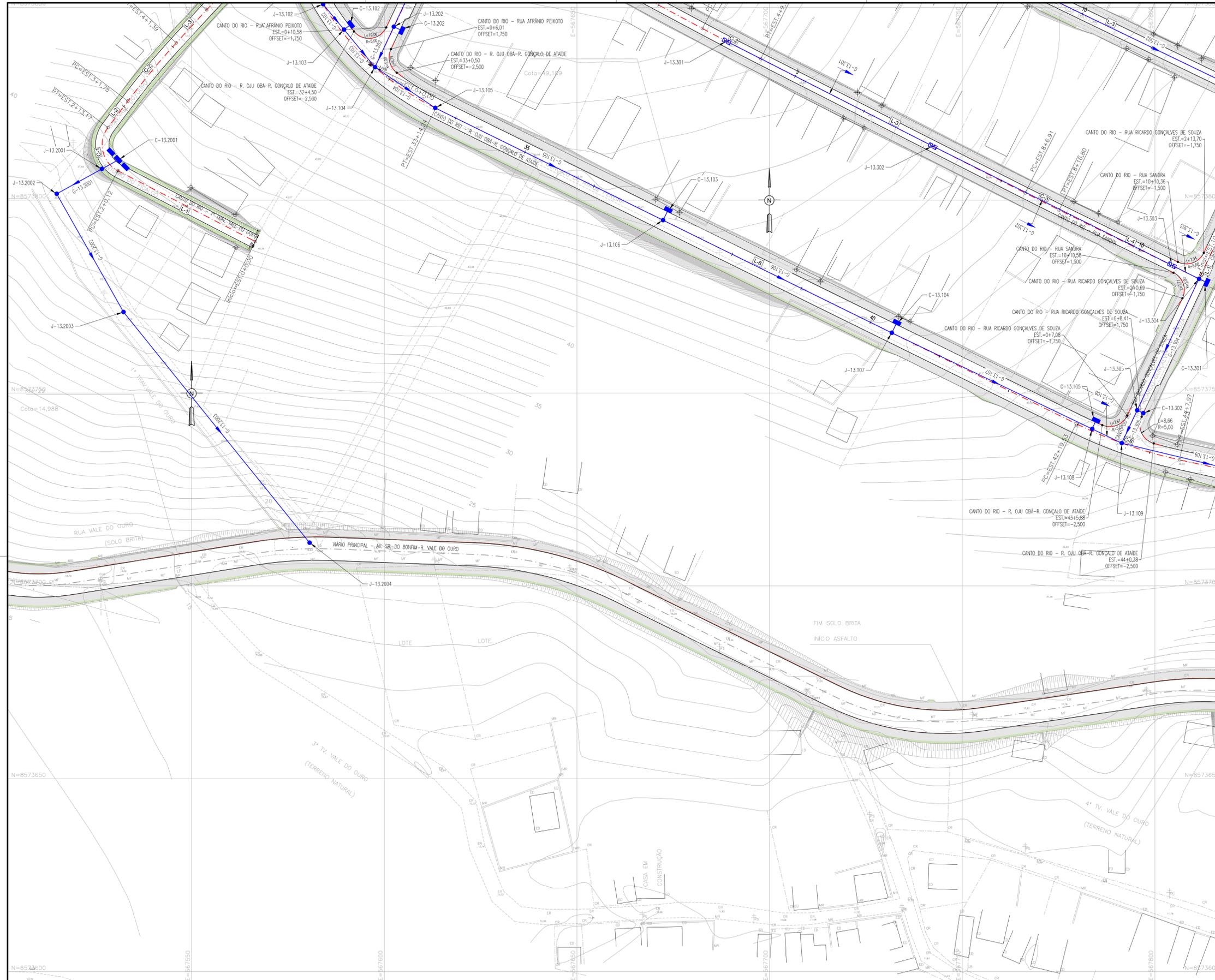
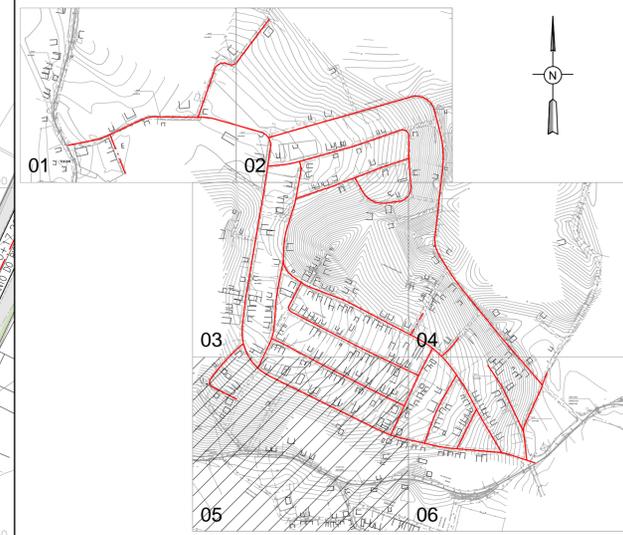
FASE: PROJETO EXECUTIVO DISCIPLINA: SISTEMA VIÁRIO TEMA/PROJ. ESPECÍFICO: GEOMETRIA E DRENAGEM

TÍTULO: PLANTA GRUPO 02 - CANTO DO RIO

ENDEREÇO: RODOVIA BA 526 - CASSANGE - SALVADOR / BAHIA DATA EMISSÃO INICIAL: OUT./2016 ESCALA: 1:500

PROJETO Nº: 0365 PROJ.: TIAGO CARNEIRO DES.: RODRIGO SÃO PEDRO DESENHO Nº: 0365-DE-35-SV-004 R-00

CONF.: FRANZ RANGEL VERIF.: LIANA VIVEIROS APROV.: ULYSSES LIMA



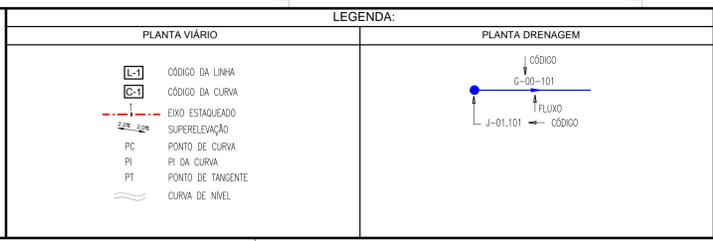
RESPONSÁVEL CONTRATANTE:
RESPONSÁVEL CONSTRUTOR:
RESPONSÁVEL PROJETISTA:



PLANO URBANÍSTICO E AMBIENTAL
E PROJETOS ESPECÍFICOS PARA O VETOR IPITANGA

SECRETARIA DE INFRAESTRUTURA HÍDRICA E SANEAMENTO - SIHS		DISCIPLINA: SISTEMA VIÁRIO		TEMA/PROJ. ESPECÍFICO: GEOMETRIA E DRENAGEM	
PROJETO EXECUTIVO		SISTEMA VIÁRIO		GEOMETRIA E DRENAGEM	
TÍTULO: PLANTA GRUPO 02 - CANTO DO RIO				NÚMERO PRANCHA: 05 DE 06	
ENDEREÇO: RODOVIA BA 526 - CASSANGE - SALVADOR / BAHIA				DATA EMISSÃO INICIAL: OUT./2016	
PROJETO Nº: 0365				ESCALA: 1:500	
PROJ.: TIAGO CARNEIRO		DES.: RODRIGO SÃO PEDRO		DESENHO Nº	
CONF.: FRANZ RANGEL		APROV.: ULYSSES LIMA		0365-DE-35-SV-005 R-00	

- NOTAS:
- 1 - MEDIDAS EM METRO, EXCETO ONDE INDICADO.
 - 2 - PARA DETALHES DAS SEÇÕES TRANSVERSAIS DAS TRANSIÇÕES DE PASSERIOS E PAVIMENTOS, CONSULTAR PROJETO URBANÍSTICO DE PAVIMENTAÇÃO
 - 3 - O COMPRIMENTO DA GALERIA TUBULAR DEVERÁ SER AJUSTADO AO TERRENO CONTÍGUO, MANTENDO SUA DECLIVIDADE.
 - 4 - AS COTAS DOS DISPOSITIVOS DEVERÃO SER CONFIRMADAS EM CAMPO.

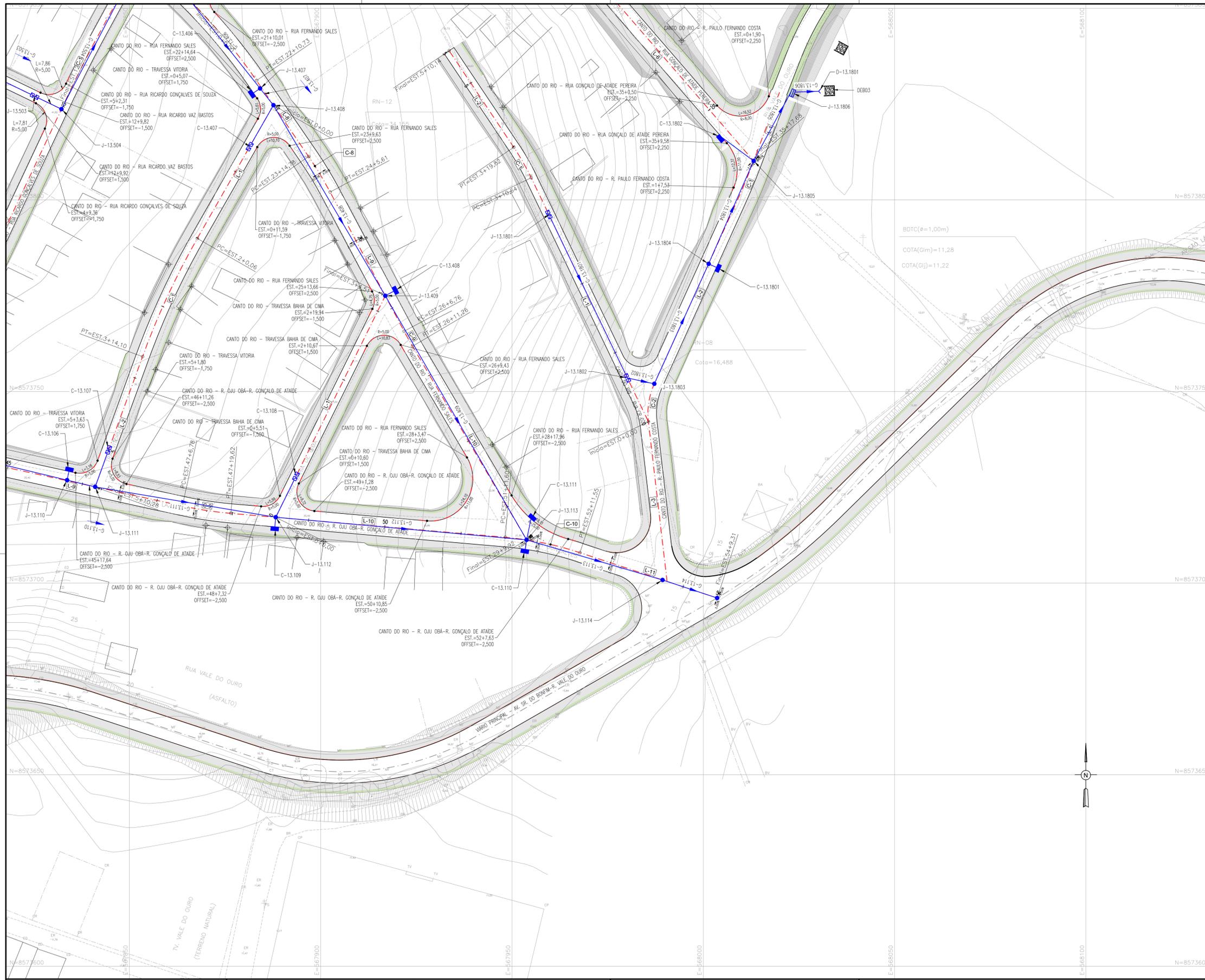


DESENHOS DE REFERÊNCIA:

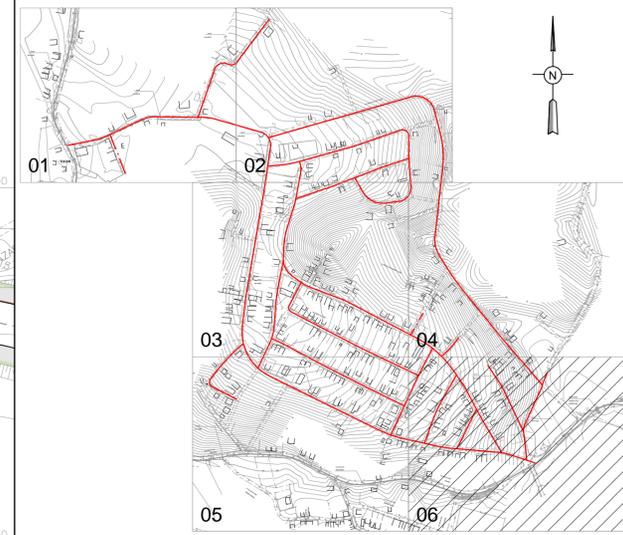
0365-DE-00-SV-001	0365-DE-35-SV-013
0365-DE-00-SV-002	0365-DE-35-SV-014
0365-DE-35-SV-007	0365-DE-35-SV-015
0365-DE-35-SV-008	0365-DE-35-SV-016
0365-DE-35-SV-009	
0365-DE-35-SV-010	
0365-DE-35-SV-011	
0365-DE-35-SV-012	

ATUALIZAÇÃO

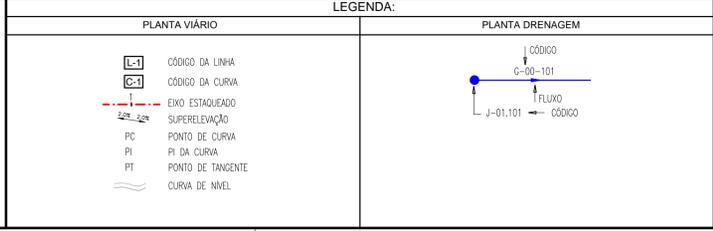
Nº	DATA	CONTEÚDO	REVISADO	VERIFICADO	APROVADO



ARTICULAÇÃO
CÓDIGO 35



- NOTAS:**
- 1 - MEDIDAS EM METRO, EXCETO ONDE INDICADO.
 - 2 - PARA DETALHES DAS SEÇÕES TRANSVERSAIS DAS TRANSIÇÕES DE PASSAGENS E PAVIMENTOS, CONSULTAR PROJETO URBANÍSTICO DE PAVIMENTAÇÃO
 - 3 - O COMPRIMENTO DA GALERIA TUBULAR DEVERÁ SER AJUSTADO AO TERRENO CONTÍGUO, MANTENDO SUA DECLIVIDADE.
 - 4 - AS COTAS DOS DISPOSITIVOS DEVERÃO SER CONFIRMADAS EM CAMPO.



DESENHOS DE REFERÊNCIA:

0365-DE-00-SV-001	0365-DE-35-SV-013
0365-DE-00-SV-002	0365-DE-35-SV-014
0365-DE-35-SV-007	0365-DE-35-SV-015
0365-DE-35-SV-008	0365-DE-35-SV-016
0365-DE-35-SV-009	
0365-DE-35-SV-010	
0365-DE-35-SV-011	
0365-DE-35-SV-012	

ATUALIZAÇÃO

Nº	DATA	CONTEÚDO	REVISADO	VERIFICADO	APROVADO

RESPONSÁVEL CONTRATANTE:
RESPONSÁVEL CONSTRUTOR:
RESPONSÁVEL PROJETISTA:



**PLANO URBANÍSTICO E AMBIENTAL
E PROJETOS ESPECÍFICOS PARA O VETOR IPITANGA**

CONTRATANTE: SECRETARIA DE INFRAESTRUTURA HÍDRICA E SANEAMENTO - SIHS

FASE: PROJETO EXECUTIVO

DISCIPLINA: SISTEMA VIÁRIO

TEMA/PROJ. ESPECÍFICO: GEOMETRIA E DRENAGEM

TÍTULO: PLANTA GRUPO 02 - CANTO DO RIO

ENDEREÇO: RODOVIA BA 526 - CASSANGE - SALVADOR / BAHIA

PROJETO Nº: 0365

PROJ.: TIAGO CARNEIRO

DES.: RODRIGO SÃO PEDRO

CONF.: FRANZ RANGEL

VERIF.: LIANA VIVEIROS

APROV.: ULYSSES LIMA

DATA EMISSÃO INICIAL: OUT./2016

ESCALA: 1:500

DESENHO Nº: 0365-DE-35-SV-006 R-00

NÚMERO PRANCHA: 06 DE 06

CANTO DO RIO - 1ª TRAV. P. FERNANDO COSTA										
Nº COMP.	ESTACA INICIAL	ESTACA FINAL	AZMUTE	RAIO (m)	AC	TANGENTE	COMP./DESENV. (m)	COORD. INICIAL	COORD. PI	COORD. FINAL
L-1	E=0+0,00	E=1+16,26	28°41'20"	-	-	-	36,26	N 8573883,19 E 567820,76	-	N 8573914,69 E 567638,72

CANTO DO RIO - 1ª TRAV. VALE DO OURO										
Nº COMP.	ESTACA INICIAL	ESTACA FINAL	AZMUTE	RAIO (m)	AC	TANGENTE	COMP./DESENV. (m)	COORD. INICIAL	COORD. PI	COORD. FINAL
L-4	E=0+0,00	E=2+0,12	29°13'40"	-	-	-	40,12	N 8573799,27 E 567566,53	-	N 8573807,62 E 567530,86
C-3	E=2+0,12	E=2+13,17	7,50	99°44'20"	8,90	13,06		N 8573807,62 E 567530,86	N 8573811,69 E 567522,95	N 8573818,30 E 567528,30
L-3	E=2+13,17	E=3+1,75	36°58'00"	-	-	-	8,58	N 8573818,30 E 567528,30	-	N 8573825,66 E 567533,45
C-2	E=3+1,75	E=4+1,39	200,00	53°7'29"	9,82	19,63		N 8573825,66 E 567533,45	N 8573833,51 E 567539,36	N 8573840,74 E 567546,01
L-2	E=4+1,39	E=4+13,02	42°38'30"	-	-	-	11,63	N 8573840,74 E 567546,01	-	N 8573849,30 E 567553,88
C-1	E=4+13,02	E=5+14,95	200,00	61°7'05"	10,98	21,94		N 8573849,30 E 567553,88	N 8573857,39 E 567561,31	N 8573864,61 E 567569,58
L-1	E=5+14,95	E=6+3,72	48°52'30"	-	-	-	8,76	N 8573864,61 E 567569,58	-	N 8573870,37 E 567576,19

CANTO DO RIO - R. HERBERTO SALES-R. ADONAS FILHO										
Nº COMP.	ESTACA INICIAL	ESTACA FINAL	AZMUTE	RAIO (m)	AC	TANGENTE	COMP./DESENV. (m)	COORD. INICIAL	COORD. PI	COORD. FINAL
L-1	E=0+0,00	E=1+3,43	83°56'20"	-	-	-	23,43	N 8574128,96 E 567611,80	-	N 8574131,45 E 567635,10
C-1	E=1+3,43	E=2+3,43	119,90	93°32'7"	10,02	20,00		N 8574131,45 E 567635,10	N 8574132,51 E 567654,72	N 8574135,21 E 567654,72
L-2	E=2+3,43	E=6+5,27	74°22'30"	-	-	-	81,84	N 8574135,21 E 567654,72	-	N 8574158,87 E 567738,79
C-2	E=6+5,27	E=6+10,77	100,00	3°09'05"	2,75	5,50		N 8574158,87 E 567738,79	N 8574159,88 E 567738,79	N 8574159,88 E 567738,79
L-3	E=6+10,77	E=10+1,71	71°13'50"	-	-	-	70,94	N 8574159,88 E 567738,79	-	N 8574181,70 E 567805,96
C-3	E=10+1,71	E=10+18,75	9,00	108°27'45"	12,49	17,04		N 8574181,70 E 567805,96	N 8574185,72 E 567817,79	N 8574173,22 E 567817,75
L-4	E=10+18,75	E=12+4,19	179°41'30"	-	-	-	25,44	N 8574173,22 E 567817,75	-	N 8574147,78 E 567817,99
C-4	E=12+4,19	E=12+18,92	200,00	41°13'12"	7,37	14,73		N 8574147,78 E 567817,99	N 8574140,41 E 567818,03	N 8574133,07 E 567818,61
L-5	E=12+18,92	E=14+12,71	175°28'20"	-	-	-	33,79	N 8574133,07 E 567818,61	-	N 8574099,38 E 567821,28
C-5	E=14+12,71	E=16+3,17	20,00	87°14'28"	19,06	30,45		N 8574099,38 E 567821,28	N 8574093,38 E 567822,78	N 8574077,96 E 567830,88
L-6	E=16+3,17	E=17+4,25	262°42'50"	-	-	-	21,08	N 8574077,96 E 567830,88	-	N 8574075,29 E 567830,88
C-6	E=17+4,25	E=19+2,26	32,00	68°04'12"	21,61	38,02		N 8574075,29 E 567830,88	N 8574072,25 E 567792,97	N 8574091,41 E 567790,98
L-7	E=19+2,26	E=20+6,50	330°47'00"	-	-	-	24,24	N 8574091,41 E 567790,98	-	N 8574112,57 E 567739,15

CANTO DO RIO - RUA GONÇALO DE ATAÍDE PEREIRA										
Nº COMP.	ESTACA INICIAL	ESTACA FINAL	AZMUTE	RAIO (m)	AC	TANGENTE	COMP./DESENV. (m)	COORD. INICIAL	COORD. PI	COORD. FINAL
L-1	E=0+0,00	E=10+16,42	73°59'00"	-	-	-	216,42	N 8574170,73 E 567612,94	-	N 8574230,45 E 567820,96
C-1	E=10+16,42	E=13+1,04	27,84	91°50'01"	28,75	44,63		N 8574230,45 E 567820,96	N 8574238,38 E 567848,59	N 8574210,51 E 567855,63
L-2	E=13+1,04	E=14+15,53	165°49'00"	-	-	-	34,49	N 8574210,51 E 567855,63	-	N 8574177,07 E 567864,09
C-2	E=14+15,53	E=17+6,74	142,58	20°34'40"	25,88	51,21		N 8574177,07 E 567864,09	N 8574151,98 E 567870,43	N 8574126,26 E 567867,54
L-3	E=17+6,74	E=22+7,90	186°23'40"	-	-	-	101,16	N 8574126,26 E 567867,54	-	N 8574025,73 E 567856,28
C-3	E=22+7,90	E=23+13,27	39,83	36°29'41"	13,13	25,37		N 8574025,73 E 567856,28	N 8574001,32 E 567854,82	N 8574001,32 E 567854,82
L-4	E=23+13,27	E=23+18,36	149°54'00"	-	-	-	5,09	N 8574001,32 E 567854,82	-	N 8573996,91 E 567863,96
C-4	E=23+18,36	E=27+1,70	396,26	90°9'30"	31,74	63,34		N 8573996,91 E 567863,96	N 8573969,46 E 567879,87	N 8573944,88 E 567899,96
L-5	E=27+1,70	E=31+7,88	140°44'30"	-	-	-	86,19	N 8573944,88 E 567899,96	-	N 8573878,15 E 567954,50
C-5	E=31+7,88	E=32+2,89	513,84	1°40'22"	7,50	15,00		N 8573878,15 E 567954,50	N 8573872,34 E 567959,25	N 8573866,67 E 567964,16
L-6	E=32+2,89	E=35+17,68	139°04'10"	-	-	-	74,79	N 8573866,67 E 567964,16	-	N 8573810,17 E 568013,16

CANTO DO RIO - RUA OJU OBA										
Nº COMP.	ESTACA INICIAL	ESTACA FINAL	AZMUTE	RAIO (m)	AC	TANGENTE	COMP./DESENV. (m)	COORD. INICIAL	COORD. PI	COORD. FINAL
L-1	E=0+0,00	E=3+13,54	19°13'30"	-	-	-	73,54	N 8574200,68 E 567510,08	-	N 8574270,12 E 567534,29
C-1	E=3+13,54	E=4+14,85	14,00	87°11'35"	13,33	21,31		N 8574270,12 E 567534,29	N 8574282,71 E 567538,68	N 8574278,94 E 567551,54
L-2	E=4+14,85	E=5+0,32	106°25'10"	-	-	-	5,47	N 8574282,71 E 567538,68	-	N 8574277,39 E 567556,72
C-2	E=5+0,32	E=5+11,20	9,00	69°14'35"	6,21	10,88		N 8574277,39 E 567556,72	N 8574280,58 E 567562,68	N 8574280,58 E 567566,43
L-3	E=5+11,20	E=9+10,09	37°10'30"	-	-	-	78,89	N 8574280,58 E 567566,43	-	N 8574343,45 E 567814,11

CANTO DO RIO - RUA RICARDO GONÇALVES DE SOUZA										
Nº COMP.	ESTACA INICIAL	ESTACA FINAL	AZMUTE	RAIO (m)	AC	TANGENTE	COMP./DESENV. (m)	COORD. INICIAL	COORD. PI	COORD. FINAL
L-1	E=0+0,00	E=5+0,08	25°13'10"	-	-	-	100,08	N 8573737,01 E 567791,43	-	N 8573827,55 E 567834,08
C-1	E=5+0,08	E=5+17,80	300,00	3°23'03"	8,86	17,72		N 8573827,55 E 567834,08	N 8573835,57 E 567837,85	N 8573843,35 E 567842,10
L-2	E=5+17,80	E=7+0,67	28°36'20"	-	-	-	22,87	N 8573843,35 E 567842,10	-	N 8573863,43 E 567853,04

CANTO DO RIO - R. PAULO FERNANDO COSTA										
Nº COMP.	ESTACA INICIAL	ESTACA FINAL	AZMUTE	RAIO (m)	AC	TANGENTE	COMP./DESENV. (m)	COORD. INICIAL	COORD. PI	COORD. FINAL
L-1	E=0+0,00	E=0+20,00	200°43'50"	-	-	-	20,00	N 8573828,00 E 568019,91	-	N 8573809,30 E 568012,83
C-1	E=0+20,00	E=1+10,00	156,51	3°39'42"	5,00	10,00		N 8573809,30 E 568012,83	N 8573804,62 E 568011,06	N 8573800,06 E 568009,00
L-2	E=1+10,00	E=4+2,78	204°23'30"	-	-	-	52,78	N 8573800,06 E 568009,00	-	N 8573752,00 E 567987,20
C-2	E=4+2,78	E=4+12,90	18,67	31°03'55"	5,19	10,12		N 8573752,00 E 567987,20	N 8573747,27 E 567985,06	N 8573742,11 E 567985,06
L-3	E=4+12,90	E=6+14,87	173°19'30"	-	-	-	41,97	N 8573742,11 E 567985,06	-	N 8573700,43 E 567990,54

CANTO DO RIO - RUA ADONAS FILHO										
Nº COMP.	ESTACA INICIAL	ESTACA FINAL	AZMUTE	RAIO (m)	AC	TANGENTE	COMP./DESENV. (m)	COORD. INICIAL	COORD. PI	COORD. FINAL
L-1	E=0+0,00	E=2+5,13	71°13'00"	-	-	-	45,13	N 8574081,80 E 567852,93	-	N 8574096,33 E 567852,93
C-1	E=2+5,13	E=3+3,51	500,00	2°06'21"	9,19	18,38		N 8574096,33 E 567852,93	N 8574099,29 E 567704,36	N 8574102,57 E 567712,94
L-2	E=3+3,51	E=6+8,34	69°06'30"	-	-	-	64,83	N 8574102,57 E 567712,94	-	N 8574125,68 E 567733,51
C-2	E=6+8,34	E=6+18,46	200,00	2°54'01"	5,06	10,12		N 8574125,68 E 567733,51	N 8574127,49 E 567778,24	N 8574129,05 E 567783,06
L-3	E=6+18,46	E=8+15,37	72°00'40"	-	-	-	36,91	N 8574129,05 E 567783,06	-	N 8574140,45 E 567818,16

CANTO DO RIO - RUA AFRÂNIO PEIXOTO										
Nº COMP.	ESTACA INICIAL	ESTACA FINAL	AZMUTE	RAIO (m)	AC	TANGENTE	COMP./DESENV. (m)	COORD. INICIAL	COORD. PI	COORD. FINAL
L-1	E=0+0,00	E=2+2,05	25°18'10"	-	-	-	42,05	N 8573834,46 E 567597,00	-	N 8573872,48 E 567615,57
C-1	E=2+2,05	E=3+4,61	61,75	20°55'44"	11,41	22,56		N 8573834,46 E 567597,00	N 8573882,79 E 567620,45	N 8573894,17 E 567621,32
L-2	E=3+4,61	E=5+5,53	4°22'20"	-	-	-	41,32	N 8573894,17 E 567621,32	-	N 8573935,36 E 567624,47
C-2	E=5+5,53	E=5+17,29	96,25	6°45'49"	5,69	11,36		N 8573935,36 E 567624,47	N 8573941,04 E 567624,90	N 8573946,62 E 567626,00
L-3	E=5+17,29	E=8+2,82	11°08'10"	-	-	-	45,53	N 8573946,62 E 567626,00	-	N 8573991,29 E 567634,79

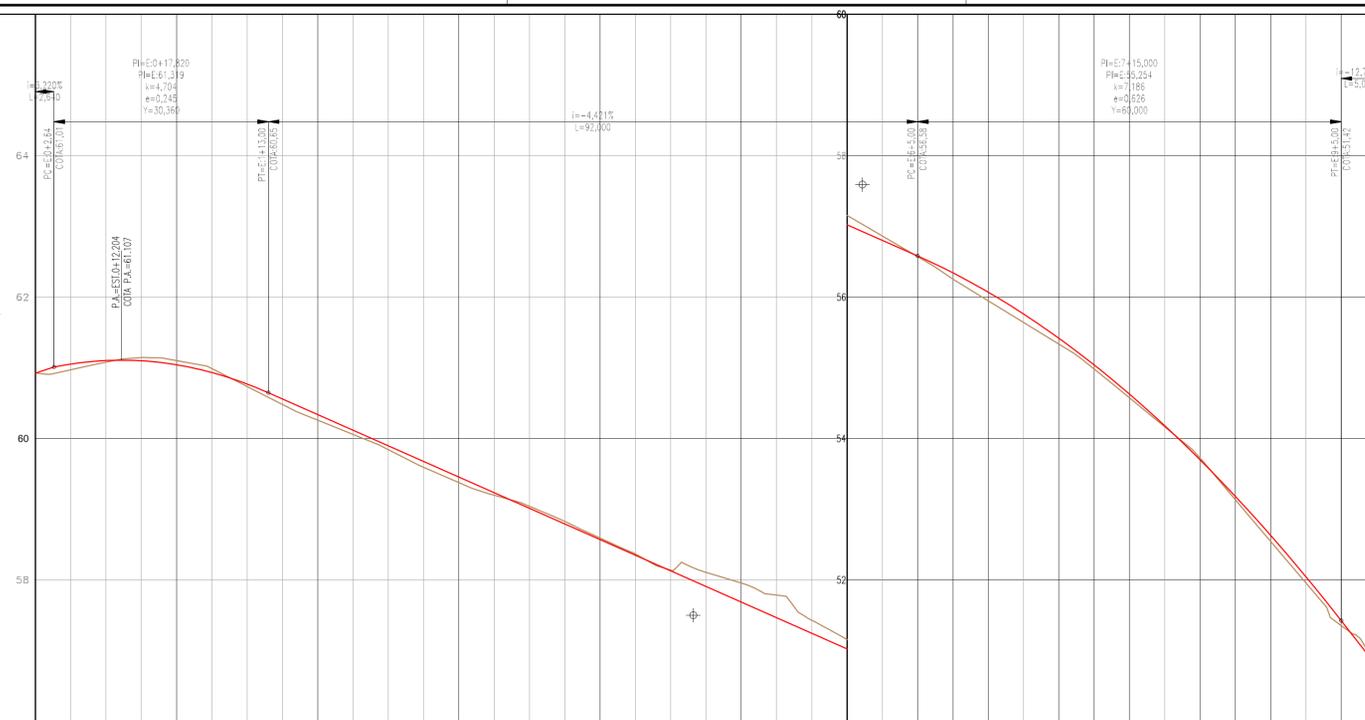
CANTO DO RIO - RUA CR 02										
Nº COMP.	ESTACA INICIAL	ESTACA FINAL	AZMUTE	RAIO (m)	AC	TANGENTE	COMP./DESENV. (m)	COORD. INICIAL	COORD. PI	COORD. FINAL
L-1	E=0+0,00	E=3+10,64	334°18'10"	-	-	-	70,64	N 8573742,12 E 567985,66	-	N 8573805,78 E 567955,03
C-1	E=3+10,64	E=3+19,82	64,50	8°09'13"	4,60	9,18		N 8573805,78 E 567955,03	N 8573809,92 E 567953,04	N 8573813,74 E 567950,47
L-2	E=3+19,82	E=5+10,14	326°09'00"	-	-	-	30,32	N 8573813,74 E 567950,47	-	N 8573838,92 E 567933,59

CANTO DO RIO - RUA CR 04										
Nº COMP.	ESTACA INICIAL	ESTACA FINAL	AZMUTE	RAIO (m)	AC	TANGENTE	COMP./DESENV. (m)	COORD. INICIAL	COORD. PI	COORD. FINAL
L-1	E=0+0,00	E=3+0,57	158°33'50"	-	-	-	60,57	N 8574175,29 E 567381,68	-	N 8574118,92 E 567403,81

CANTO DO RIO - RUA RICARDO VAZ BASTOS										
Nº COMP.	ESTACA INICIAL	ESTACA FINAL	AZMUTE	RAIO (m)	AC	TANGENTE	COMP./DESENV. (m)	COORD. INICIAL	COORD. PI	COORD. FINAL
L-1	E=0+0,00	E=1+17,74	207°35'50"	-	-	-	37,74	N 8573959,65 E 567660,93	-	N 8573926,20 E 567643,45
C-1	E=1+17,74	E=2+8,76	7,00	90°11'22"	7,02	11,02		N 8573926,20 E 567660,93	N 8573919,98 E 567640,19	N

PERFIL LONGITUDINAL

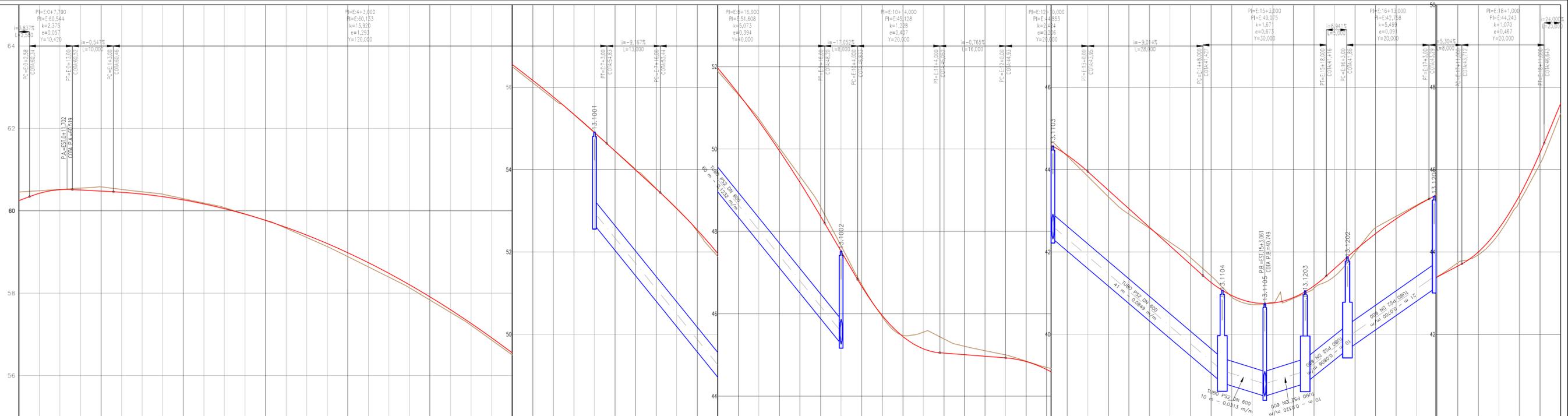
CANTO DO RIO - RUA OJUBÁ
ESCALA HORIZONTAL: 1/500
ESCALA VERTICAL: 1/50



ESTACA	COTAS DO TERRENO	COTAS DO GREIDE	COTA VERMELHA	ELEMENTOS DO PERFIL	ELEMENTOS DO TRAÇADO DIAGRAMAS DE CURVAS
0+00	60,927	60,927	0,000		
0+50	60,972	61,020	0,048		
1+00	61,078	61,144	0,066		
1+50	60,988	60,988	0,000		
2+00	60,774	60,774	0,000		
2+50	60,481	60,481	0,000		
3+00	60,259	60,259	0,000		
3+50	60,058	60,058	0,000		
4+00	59,842	59,842	0,000		
4+50	59,591	59,591	0,000		
5+00	59,376	59,376	0,000		
5+50	59,198	59,198	0,000		
6+00	58,941	58,941	0,000		
6+50	58,627	58,627	0,000		
7+00	58,270	58,270	0,000		
7+50	57,869	57,869	0,000		
8+00	57,428	57,428	0,000		
8+50	56,941	56,941	0,000		
9+00	56,418	56,418	0,000		
9+10	55,940	55,940	0,000		
9+10,00	55,428	55,428	0,000		
9+10,00	54,869	54,869	0,000		
9+10,00	54,270	54,270	0,000		
9+10,00	53,631	53,631	0,000		
9+10,00	52,944	52,944	0,000		
9+10,00	52,213	52,213	0,000		
9+10,00	51,435	51,435	0,000		
9+10,00	50,607	50,607	0,000		
9+10,00	49,729	49,729	0,000		
9+10,00	48,801	48,801	0,000		
9+10,00	47,823	47,823	0,000		
9+10,00	46,795	46,795	0,000		
9+10,00	45,717	45,717	0,000		
9+10,00	44,589	44,589	0,000		
9+10,00	43,411	43,411	0,000		
9+10,00	42,183	42,183	0,000		
9+10,00	40,905	40,905	0,000		
9+10,00	39,577	39,577	0,000		
9+10,00	38,200	38,200	0,000		
9+10,00	36,772	36,772	0,000		
9+10,00	35,294	35,294	0,000		
9+10,00	33,766	33,766	0,000		
9+10,00	32,188	32,188	0,000		
9+10,00	30,560	30,560	0,000		
9+10,00	28,882	28,882	0,000		
9+10,00	27,154	27,154	0,000		
9+10,00	25,376	25,376	0,000		
9+10,00	23,548	23,548	0,000		
9+10,00	21,670	21,670	0,000		
9+10,00	19,742	19,742	0,000		
9+10,00	17,764	17,764	0,000		
9+10,00	15,736	15,736	0,000		
9+10,00	13,658	13,658	0,000		
9+10,00	11,530	11,530	0,000		
9+10,00	9,352	9,352	0,000		
9+10,00	7,124	7,124	0,000		
9+10,00	4,846	4,846	0,000		
9+10,00	2,518	2,518	0,000		
9+10,00	1,140	1,140	0,000		
9+10,00	-0,138	-0,138	0,000		
9+10,00	-1,416	-1,416	0,000		
9+10,00	-2,694	-2,694	0,000		
9+10,00	-3,972	-3,972	0,000		
9+10,00	-5,250	-5,250	0,000		
9+10,00	-6,528	-6,528	0,000		
9+10,00	-7,806	-7,806	0,000		
9+10,00	-9,084	-9,084	0,000		
9+10,00	-10,362	-10,362	0,000		
9+10,00	-11,640	-11,640	0,000		
9+10,00	-12,918	-12,918	0,000		
9+10,00	-14,196	-14,196	0,000		
9+10,00	-15,474	-15,474	0,000		
9+10,00	-16,752	-16,752	0,000		
9+10,00	-18,030	-18,030	0,000		
9+10,00	-19,308	-19,308	0,000		
9+10,00	-20,586	-20,586	0,000		
9+10,00	-21,864	-21,864	0,000		
9+10,00	-23,142	-23,142	0,000		
9+10,00	-24,420	-24,420	0,000		
9+10,00	-25,698	-25,698	0,000		
9+10,00	-26,976	-26,976	0,000		
9+10,00	-28,254	-28,254	0,000		
9+10,00	-29,532	-29,532	0,000		
9+10,00	-30,810	-30,810	0,000		
9+10,00	-32,088	-32,088	0,000		
9+10,00	-33,366	-33,366	0,000		
9+10,00	-34,644	-34,644	0,000		
9+10,00	-35,922	-35,922	0,000		
9+10,00	-37,200	-37,200	0,000		
9+10,00	-38,478	-38,478	0,000		
9+10,00	-39,756	-39,756	0,000		
9+10,00	-41,034	-41,034	0,000		
9+10,00	-42,312	-42,312	0,000		
9+10,00	-43,590	-43,590	0,000		
9+10,00	-44,868	-44,868	0,000		
9+10,00	-46,146	-46,146	0,000		
9+10,00	-47,424	-47,424	0,000		
9+10,00	-48,702	-48,702	0,000		
9+10,00	-49,980	-49,980	0,000		
9+10,00	-51,258	-51,258	0,000		
9+10,00	-52,536	-52,536	0,000		
9+10,00	-53,814	-53,814	0,000		
9+10,00	-55,092	-55,092	0,000		
9+10,00	-56,370	-56,370	0,000		
9+10,00	-57,648	-57,648	0,000		
9+10,00	-58,926	-58,926	0,000		
9+10,00	-60,204	-60,204	0,000		
9+10,00	-61,482	-61,482	0,000		
9+10,00	-62,760	-62,760	0,000		
9+10,00	-64,038	-64,038	0,000		
9+10,00	-65,316	-65,316	0,000		
9+10,00	-66,594	-66,594	0,000		
9+10,00	-67,872	-67,872	0,000		
9+10,00	-69,150	-69,150	0,000		
9+10,00	-70,428	-70,428	0,000		
9+10,00	-71,706	-71,706	0,000		
9+10,00	-72,984	-72,984	0,000		
9+10,00	-74,262	-74,262	0,000		
9+10,00	-75,540	-75,540	0,000		
9+10,00	-76,818	-76,818	0,000		
9+10,00	-78,096	-78,096	0,000		
9+10,00	-79,374	-79,374	0,000		
9+10,00	-80,652	-80,652	0,000		
9+10,00	-81,930	-81,930	0,000		
9+10,00	-83,208	-83,208	0,000		
9+10,00	-84,486	-84,486	0,000		
9+10,00	-85,764	-85,764	0,000		
9+10,00	-87,042	-87,042	0,000		
9+10,00	-88,320	-88,320	0,000		
9+10,00	-89,598	-89,598	0,000		
9+10,00	-90,876	-90,876	0,000		
9+10,00	-92,154	-92,154	0,000		
9+10,00	-93,432	-93,432	0,000		
9+10,00	-94,710	-94,710	0,000		
9+10,00	-95,988	-95,988	0,000		
9+10,00	-97,266	-97,266	0,000		
9+10,00	-98,544	-98,544	0,000		
9+10,00	-99,822	-99,822	0,000		
9+10,00	-101,100	-101,100	0,000		
9+10,00	-102,378	-102,378	0,000		
9+10,00	-103,656	-103,656	0,000		
9+10,00	-104,934	-104,934	0,000		
9+10,00	-106,212	-106,212	0,000		
9+10,00	-107,490	-107,490	0,000		
9+10,00	-108,768	-108,768	0,000		
9+10,00	-110,046	-110,046	0,000		
9+10,00	-111,324	-111,324	0,000		
9+10,00	-112,602	-112,602	0,000		
9+10,00	-113,880	-113,880	0,000		
9+10,00	-115,158	-115,158	0,000		
9+10,00	-116,436	-116,436	0,000		
9+10,00	-117,714	-117,714	0,000		
9+10,00	-118,992	-118,992	0,000		
9+10,00	-120,270	-120,270	0,000		
9+10,00	-121,548	-121,548	0,000		
9+10,00	-122,826	-122,826	0,000		
9+10,00	-124,104	-124,104	0,000		
9+10,00	-125,382	-125,382	0,000		
9+10,00	-126,660	-126,660	0,000		
9+10,00	-127,938	-127,938	0,000		
9+10,00	-129,216	-129,216	0,000		
9+10,00	-130,494	-130,494	0,000		
9+10,00	-131,772	-131,772	0,000		
9+10,00	-133,050	-133,050	0,000		
9+10,00	-134,328	-134,328	0,000		
9+10,00	-135,606	-135,606	0,000		
9+10,00	-136,884	-136,884	0,000		
9+10,00	-138,162	-138,162	0,000		
9+10,00	-139,440	-139,440	0,000		
9+10,00	-140,718	-140,718	0,000		
9+10,00	-141,996	-141,996	0,000		
9+10,00	-143,274	-143,274	0,000		
9+10,00	-144,552	-144,552	0,000		
9+10,00	-145,830	-145,830	0,000		
9+10,00	-147,108	-147,108	0,000		
9+10,00	-148,386	-148,386	0,000		
9+10,00	-149,664	-149,664	0,000		
9+10,00	-150,942	-150,942	0,000		
9+10,00	-152,220	-152,220	0,000		
9+10,00	-153,498	-153,498	0,000		
9+10,00	-154,776	-154,776	0,000		
9+10,00	-156,054	-156,054	0,000		
9+10,00	-157,332	-157,332	0,000		
9+10,00	-158,610	-158,610	0,000		
9+10,00	-159,888	-159,888	0,000		
9+10,00	-161,166	-161,166	0,000		
9+10,00	-162,444	-162,444	0,000		
9+10,00	-163,722	-163,722	0,000		
9+10,00	-164,999	-164,999	0,000		
9+10,00	-166,277	-166,277	0,000		
9+10,00	-167,555	-167,555	0,000		
9+10,00	-168,833	-168,833	0,000		
9+10,00	-170,111	-170,111	0,000		
9+10,00	-171,389	-171,389	0,000		
9+10,00	-172,667	-172,667	0,000		
9+10,00	-173,945	-173,945	0,000		
9+10,00	-175,223	-175,223	0,000		
9+10,00	-176,501	-176,501	0,000		
9+10,00	-177,779	-177,779	0,000		
9+10,00	-179,057	-179,057	0,000		
9+10,00	-180,335	-180,335	0,000		
9+10,00	-181,613	-181,613	0,000		
9+10,00	-182,891	-182,891	0,000		
9+10,00	-184,169	-184,169	0,000		
9+10,00	-185,447	-185,447	0,000		
9+10,00	-186,725	-186,725	0,000		
9+10,00	-188,003	-188,003	0,000		
9+10,00	-189,281	-189,281	0,000		
9+10,00	-190,559	-190,559	0,000		
9+10,00	-191,837	-191,837	0,000		
9+10,00	-193,115	-193,115	0,00		

PERFIL LONGITUDINAL
CANTO DO RIO - R. HEBERTO SALES-R. ADONIAS FILHO

ESCALA HORIZONTAL: 1/500
ESCALA VERTICAL: 1/50



ESTACA	0+0,00	0+5,00	0+10,00	0+15,00	0+20,00	0+25,00	0+30,00	0+35,00	0+40,00	0+45,00	0+50,00	0+55,00	0+60,00	0+65,00	0+70,00	0+75,00	0+80,00	0+85,00	0+90,00	0+95,00	1+00,00	1+05,00	1+10,00	1+15,00	1+20,00	1+25,00	1+30,00	1+35,00	1+40,00	1+45,00	1+50,00	1+55,00	1+60,00	1+65,00	1+70,00	1+75,00	1+80,00	1+85,00	1+90,00	1+95,00	2+00,00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
COTAS DO TERRENO	60,245	60,425	60,513	60,595	60,677	60,749	60,805	60,844	60,864	60,864	60,844	60,805	60,749	60,677	60,595	60,513	60,425	60,337	60,245	60,148	60,046	59,934	59,807	59,670	59,518	59,357	59,185	58,999	58,804	58,597	58,375	58,135	57,884	57,621	57,344	57,050	56,738	56,406	56,064	55,711	55,347	54,974	54,591	54,199	53,798	53,388	52,969	52,541	52,104	51,659	51,205	50,742	50,270	49,789	49,299	48,799	48,289	47,769	47,239	46,700	46,151	45,592	45,024	44,447	43,861	43,266	42,662	42,049	41,427	40,796	40,156	39,507	38,850	38,185	37,512	36,831	36,142	35,445	34,740	34,027	33,307	32,580	31,847	31,107	30,361	29,609	28,851	28,088	27,320	26,547	25,769	24,986	24,199	23,407	22,610	21,808	21,001	20,189	19,372	18,550	17,723	16,891	16,054	15,212	14,365	13,513	12,656	11,794	10,927	10,055	9,178	8,296	7,409	6,517	5,620	4,718	3,811	2,900	1,984	1,063	0,137	-0,794	-1,712	-2,625	-3,533	-4,436	-5,334	-6,227	-7,115	-7,998	-8,876	-9,749	-10,617	-11,480	-12,338	-13,191	-14,039	-14,882	-15,720	-16,548	-17,366	-18,175	-18,974	-19,763	-20,542	-21,311	-22,071	-22,821	-23,561	-24,292	-25,014	-25,727	-26,431	-27,126	-27,812	-28,489	-29,157	-29,816	-30,466	-31,107	-31,739	-32,362	-32,976	-33,581	-34,177	-34,764	-35,342	-35,911	-36,471	-37,022	-37,564	-38,097	-38,721	-39,336	-39,942	-40,539	-41,127	-41,706	-42,276	-42,837	-43,389	-43,932	-44,466	-45,091	-45,707	-46,314	-46,912	-47,501	-48,081	-48,652	-49,214	-49,767	-50,312	-50,849	-51,378	-51,899	-52,412	-52,917	-53,414	-53,903	-54,384	-54,857	-55,322	-55,779	-56,228	-56,669	-57,102	-57,527	-57,944	-58,353	-58,754	-59,147	-59,532	-59,909	-60,278	-60,639	-60,992	-61,337	-61,674	-62,003	-62,324	-62,637	-62,942	-63,239	-63,528	-63,809	-64,082	-64,347	-64,604	-64,853	-65,094	-65,327	-65,552	-65,769	-65,978	-66,179	-66,372	-66,557	-66,734	-66,903	-67,064	-67,217	-67,362	-67,500	-67,631	-67,755	-67,872	-67,982	-68,085	-68,181	-68,270	-68,352	-68,427	-68,495	-68,557	-68,613	-68,663	-68,707	-68,745	-68,777	-68,803	-68,824	-68,840	-68,851	-68,857	-68,858	-68,854	-68,846	-68,833	-68,815	-68,788	-68,754	-68,713	-68,665	-68,611	-68,552	-68,488	-68,419	-68,345	-68,266	-68,180	-68,087	-67,988	-67,883	-67,773	-67,658	-67,538	-67,413	-67,284	-67,150	-67,012	-66,870	-66,724	-66,574	-66,420	-66,262	-66,101	-65,936	-65,767	-65,594	-65,417	-65,232	-65,040	-64,842	-64,639	-64,432	-64,221	-64,005	-63,785	-63,561	-63,334	-63,103	-62,868	-62,630	-62,388	-62,143	-61,895	-61,644	-61,390	-61,133	-60,874	-60,612	-60,347	-60,079	-59,808	-59,534	-59,257	-58,977	-58,694	-58,408	-58,119	-57,827	-57,532	-57,234	-56,933	-56,629	-56,322	-56,012	-55,700	-55,386	-55,070	-54,751	-54,429	-54,104	-53,776	-53,445	-53,111	-52,774	-52,434	-52,091	-51,745	-51,396	-51,044	-50,689	-50,332	-49,973	-49,611	-49,246	-48,878	-48,507	-48,134	-47,758	-47,379	-46,997	-46,613	-46,226	-45,836	-45,443	-45,047	-44,648	-44,246	-43,841	-43,433	-43,022	-42,608	-42,191	-41,771	-41,348	-40,922	-40,493	-40,061	-39,626	-39,188	-38,747	-38,303	-37,856	-37,406	-36,953	-36,497	-36,038	-35,575	-35,108	-34,638	-34,165	-33,688	-33,208	-32,724	-32,237	-31,747	-31,254	-30,758	-30,259	-29,757	-29,252	-28,744	-28,233	-27,719	-27,202	-26,682	-26,159	-25,632	-25,102	-24,569	-24,032	-23,491	-22,947	-22,400	-21,850	-21,297	-20,741	-20,182	-19,620	-19,053	-18,482	-17,908	-17,331	-16,751	-16,167	-15,579	-14,987	-14,392	-13,794	-13,193	-12,589	-11,982	-11,372	-10,759	-10,143	-9,524	-8,901	-8,274	-7,643	-7,009	-6,372	-5,732	-5,089	-4,443	-3,794	-3,142	-2,487	-1,829	-1,168	-54,857	-55,322	-55,779	-56,228	-56,669	-57,102	-57,527	-57,944	-58,353	-58,754	-59,147	-59,532	-59,909	-60,278	-60,639	-60,992	-61,337	-61,674	-62,003	-62,324	-62,637	-62,942	-63,239	-63,528	-63,809	-64,082	-64,347	-64,604	-64,853	-65,094	-65,327	-65,552	-65,769	-65,978	-66,179	-66,372	-66,557	-66,734	-66,903	-67,064	-67,217	-67,362	-67,500	-67,631	-67,755	-67,872	-67,982	-68,085	-68,181	-68,270	-68,352	-68,427	-68,495	-68,557	-68,613	-68,658	-68,707	-68,745	-68,777	-68,803	-68,824	-68,840	-68,851	-68,857	-68,858	-68,854	-68,846	-68,833	-68,815	-68,788	-68,754	-68,713	-68,665	-68,611	-68,552	-68,488	-68,419	-68,345	-68,266	-68,180	-68,087	-67,988	-67,883	-67,773	-67,658	-67,538	-67,413	-67,284	-67,150	-67,012	-66,870	-66,724	-66,574	-66,420	-66,262	-66,101	-65,936	-65,767	-65,594	-65,417	-65,232	-65,040	-64,842	-64,639	-64,432	-64,221	-64,005	-63,785	-63,561	-63,334	-63,103	-62,868	-62,630	-62,388	-62,143	-61,895	-61,644	-61,390	-61,133	-60,874	-60,612	-60,347	-60,079	-59,808	-59,534	-59,257	-58,977	-58,694	-58,408	-58,119	-57,827	-57,532	-57,234	-56,933	-56,629	-56,322	-56,012	-55,700	-55,386	-55,070	-54,751	-54,429	-54,104	-53,776	-53,445	-53,111	-52,774	-52,434	-52,091	-51,745	-51,396	-51,044	-50,689	-50,332	-49,973	-49,611	-49,246	-48,878	-48,507	-48,134	-47,758	-47,379	-46,997	-46,613	-46,226	-45,836	-45,443	-45,047	-44,648	-44,246	-43,841	-43,433	-43,022	-42,608	-42,191	-41,771	-41,348	-40,922	-40,493	-40,061	-39,626	-39,188	-38,747	-38,303	-37,856	-37,406	-36,953	-36,497	-36,038	-35,575	-35,108	-34,638	-34,165	-33,688	-33,208	-32,719	-32,202	-31,682	-31,159	-30,632	-30,102	-29,569	-29,032	-28,491	-27,947	-27,400	-26,850	-26,297	-25,741	-25,182	-24,620	-24,053	-23,482	-22,908	-22,331	-21,751	-21,167	-20,579	-19,987	-19,392	-18,794	-18,193	-17,589	-16,982	-16,372	-15,759	-15,143	-14,524	-13,901	-13,274	-12,643	-12,009	-11,372	-10,732	-10,089	-9,443	-8,794	-8,142	-7,487	-6,829	-6,168	-5,505	-4,840	-4,172	-3,501	-2,827	-2,150	-1,470	-7,998	-8,876	-9,749	-10,617	-11,480	-12,338	-13,191	-14,039	-14,882	-15,720	-16,548	-17,366	-18,175	-18,974	-19,763	-20,542	-21,311	-22,071	-22,821	-23,561	-24,292	-25,014	-25,727	-26,431	-27,126	-27,812	-28,489	-29,157	-29,816	-30,466	-31,107	-31,739	-32,362	-32,976	-33,581	-34,177	-34,764	-35,342	-35,911	-36,471	-37,022	-37,564	-38,097	-38,721	-39,336	-39,942	-40,539	-41,127	-41,706	-42,276	-42,837	-43,389	-43,932	-44,466	-45,091	-45,707	-46,314	-46,912	-47,501	-48,081	-48,652	-49,214	-49,767	-50,312	-50,849	-51,378	-51,899	-52,412	-52,917	-53,414	-53,903	-54,384	-54,857	-55,322	-55,779	-56,228	-56,669	-57,102	-57,527	-57,944	-58,353	-58,754	-59,147	-59,532	-59,909	-60,278	-60,639	-60,992	-61,337	-61,674	-62,003	-62,324	-62,637	-62,942	-63,239	-63,528	-63,809	-64,082	-64,347	-64,604	-64,853	-65,094	-65,327	-65,552	-65,769	-65,978	-66,179	-66,372	-66,557	-66,734	-66,903	-67,064	-67,217	-67,362	-67,500	-67,631	-67,755	-67,872	-67,982	-68,085	-68,181	-68,270	-68,352	-68,427	-68,495	-68,557	-68,613	-68,658	-68,707	-68,745	-68,777	-68,803	-68,824	-68,840	-68,851	-68,857	-68,858	-68,854	-68,846	-68,833	-68,815	-68,788	-68,754	-68,713	-68,665	-68,611	-68,552	-68,488	-68,419	-68,345	-68,266	-68,180	-68,087	-67,988	-67,883	-67,773	-67,658	-67,538	-67,413	-67,284	-67,150	-67,012	-66,870	-66,724	-66,574	-66,420	-66,262	-66,101	-65,936	-65,767	-65,594	-65,417	-65,232	-65,040	-64,842	-64,639	-64,432	-64,221	-64,005	-63,785	-63,561	-63,334	-63,103	-62,868	-62,630	-62,388	-62,143	-61,895	-61,644	-61,390	-61,133	-60,874	-60,612	-60,347	-60,079	-59,808	-59,534	-59,257	-58,977	-58,694	-58,408	-58,119	-57,827	-57,532	-57,234	-56,933	-56,629	-56,322	-56,012	-55,700	-55,386	-55,070	-54,751	-54,429	-54,104	-53,776	-53,445	-53,111	-52,774	-52,434	-52,091	-51,745	-51,396	-51,044	-50,689	-50,332	-49,973	-49,611	-49,246	-48,878	-48,507	-48,134	-47,758	-47,379	-46,997	-46,613	-46,226	-45,836	-45,443	-45,047	-44,648	-44,246	-43,841	-43,433	-43,022	-42,608	-42,191	-41,771	-41,348	-40,922	-40,493	-40,061	-39,626	-39,188	-38,747	-38,303	-37,856	-37,406	-36,953	-36,497	-36,038	-35,575	-35,108	-34,638	-34,165	-33,688	-33,208	-32,719	-32,202	-31,682	-31,159	-30,632	-30,102	-29,569	-29,032	-28,491	-27,947	-27,400	-26,850	-26,297	-25,741	-25,182	-24,620	-24,053	-23,482	-22,908	-22,331	-21,751	-21,167	-20,579	-19,987	-19,392	-18,794	-18,193	-17,589	-16,982	-16,372	-15,759	-15,143	-14,524	-13,901	-13,274	-12,643	-12,009	-11,372	-10,732	-10,089	-9,443	-8,794	-8,142	-7,487	-6,829	-6,168	-5,505	-4,840	-4,172	-3,501	-2,827	-2,150	-1,470	-7,998	-8,876	-9,749	-10,617	-11,480	-12,338	-13,191	-14,039	-14,882	-15,720	-16,548	-17,366	-18,175	-18,974	-19,763	-20,542	-21,311	-22,071	-22,821	-23,561	-24,292	-25,014	-25,727	-26,431	-27,126	-27,812	-28,489	-29,157	-29,816	-30,466	-31,107	-31,739	-32,362	-32,976	-33,581	-34,177	-34,764	-35,342	-35,911	-36,471	-37,022	-37,564	-38,097	-

PERFIL LONGITUDINAL

CANTO DO RIO - RUA RICARDO VAZ BASTOS

ESCALA HORIZONTAL: 1/500
ESCALA VERTICAL: 1/50

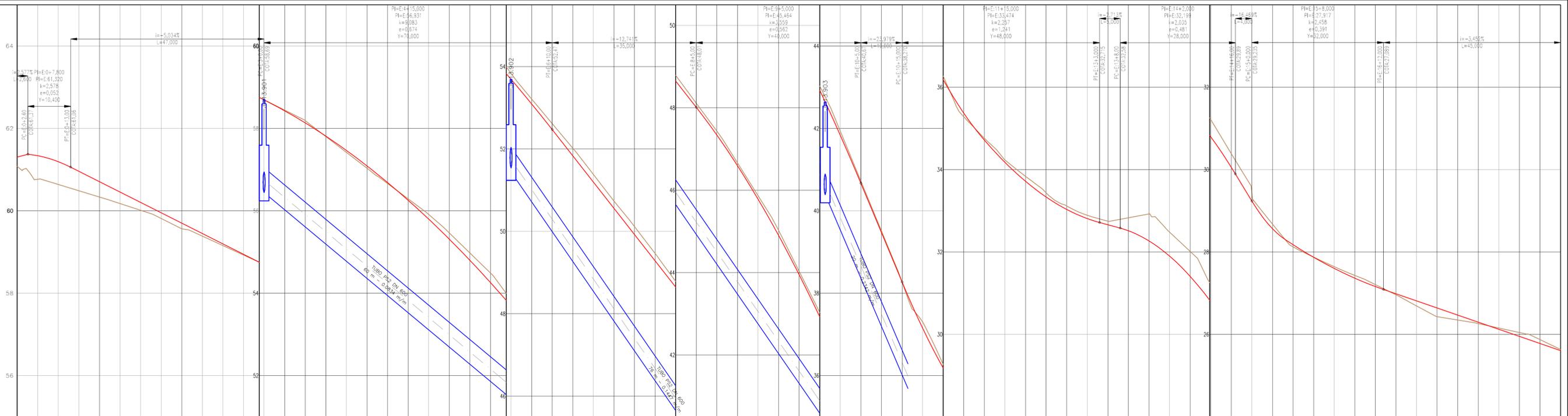


ESTACA	0+0,00	0+5,00	0+10,00	0+15,00	1+0,00	1+5,00	1+10,00	1+15,00	2+0,00	2+5,00	3+0,00	3+5,00	3+10,00	3+15,00	4+0,00	4+5,00	4+10,00	4+15,00	5+0,00	5+5,00	5+10,00	5+15,00	6+0,00	6+5,00	6+10,00	6+15,00	7+0,00	7+5,00	7+10,00	7+15,00	8+0,00	8+5,00	8+10,00	8+15,00	9+0,00	9+5,00	10+0,00	10+5,00	11+0,00	11+5,00	12+0,00	12+5,00	13+0,00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
COTAS DO TERRENO	54,238	54,281	55,622	55,876	56,104	56,345	56,472	56,571	56,619	56,689	56,723	56,720	56,676	56,523	56,367	56,211	56,078	55,978	55,889	55,799	55,699	55,599	55,499	55,399	55,299	55,199	55,099	54,999	54,899	54,799	54,699	54,599	54,499	54,399	54,299	54,199	54,099	53,999	53,899	53,799	53,699	53,599	53,499	53,399	53,299	53,199	53,099	52,999	52,899	52,799	52,699	52,599	52,499	52,399	52,299	52,199	52,099	51,999	51,899	51,799	51,699	51,599	51,499	51,399	51,299	51,199	51,099	50,999	50,899	50,799	50,699	50,599	50,499	50,399	50,299	50,199	50,099	49,999	49,899	49,799	49,699	49,599	49,499	49,399	49,299	49,199	49,099	48,999	48,899	48,799	48,699	48,599	48,499	48,399	48,299	48,199	48,099	47,999	47,899	47,799	47,699	47,599	47,499	47,399	47,299	47,199	47,099	46,999	46,899	46,799	46,699	46,599	46,499	46,399	46,299	46,199	46,099	45,999	45,899	45,799	45,699	45,599	45,499	45,399	45,299	45,199	45,099	44,999	44,899	44,799	44,699	44,599	44,499	44,399	44,299	44,199	44,099	43,999	43,899	43,799	43,699	43,599	43,499	43,399	43,299	43,199	43,099	42,999	42,899	42,799	42,699	42,599	42,499	42,399	42,299	42,199	42,099	41,999	41,899	41,799	41,699	41,599	41,499	41,399	41,299	41,199	41,099	40,999	40,899	40,799	40,699	40,599	40,499	40,399	40,299	40,199	40,099	39,999	39,899	39,799	39,699	39,599	39,499	39,399	39,299	39,199	39,099	38,999	38,899	38,799	38,699	38,599	38,499	38,399	38,299	38,199	38,099	37,999	37,899	37,799	37,699	37,599	37,499	37,399	37,299	37,199	37,099	36,999	36,899	36,799	36,699	36,599	36,499	36,399	36,299	36,199	36,099	35,999	35,899	35,799	35,699	35,599	35,499	35,399	35,299	35,199	35,099	34,999	34,899	34,799	34,699	34,599	34,499	34,399	34,299	34,199	34,099	33,999	33,899	33,799	33,699	33,599	33,499	33,399	33,299	33,199	33,099	32,999	32,899	32,799	32,699	32,599	32,499	32,399	32,299	32,199	32,099	31,999	31,899	31,799	31,699	31,599	31,499	31,399	31,299	31,199	31,099	30,999	30,899	30,799	30,699	30,599	30,499	30,399	30,299	30,199	30,099	29,999	29,899	29,799	29,699	29,599	29,499	29,399	29,299	29,199	29,099	28,999	28,899	28,799	28,699	28,599	28,499	28,399	28,299	28,199	28,099	27,999	27,899	27,799	27,699	27,599	27,499	27,399	27,299	27,199	27,099	26,999	26,899	26,799	26,699	26,599	26,499	26,399	26,299	26,199	26,099	25,999	25,899	25,799	25,699	25,599	25,499	25,399	25,299	25,199	25,099	24,999	24,899	24,799	24,699	24,599	24,499	24,399	24,299	24,199	24,099	23,999	23,899	23,799	23,699	23,599	23,499	23,399	23,299	23,199	23,099	22,999	22,899	22,799	22,699	22,599	22,499	22,399	22,299	22,199	22,099	21,999	21,899	21,799	21,699	21,599	21,499	21,399	21,299	21,199	21,099	20,999	20,899	20,799	20,699	20,599	20,499	20,399	20,299	20,199	20,099	19,999	19,899	19,799	19,699	19,599	19,499	19,399	19,299	19,199	19,099	18,999	18,899	18,799	18,699	18,599	18,499	18,399	18,299	18,199	18,099	17,999	17,899	17,799	17,699	17,599	17,499	17,399	17,299	17,199	17,099	16,999	16,899	16,799	16,699	16,599	16,499	16,399	16,299	16,199	16,099	15,999	15,899	15,799	15,699	15,599	15,499	15,399	15,299	15,199	15,099	14,999	14,899	14,799	14,699	14,599	14,499	14,399	14,299	14,199	14,099	13,999	13,899	13,799	13,699	13,599	13,499	13,399	13,299	13,199	13,099	12,999	12,899	12,799	12,699	12,599	12,499	12,399	12,299	12,199	12,099	11,999	11,899	11,799	11,699	11,599	11,499	11,399	11,299	11,199	11,099	10,999	10,899	10,799	10,699	10,599	10,499	10,399	10,299	10,199	10,099	9,999	9,899	9,799	9,699	9,599	9,499	9,399	9,299	9,199	9,099	8,999	8,899	8,799	8,699	8,599	8,499	8,399	8,299	8,199	8,099	7,999	7,899	7,799	7,699	7,599	7,499	7,399	7,299	7,199	7,099	6,999	6,899	6,799	6,699	6,599	6,499	6,399	6,299	6,199	6,099	5,999	5,899	5,799	5,699	5,599	5,499	5,399	5,299	5,199	5,099	4,999	4,899	4,799	4,699	4,599	4,499	4,399	4,299	4,199	4,099	3,999	3,899	3,799	3,699	3,599	3,499	3,399	3,299	3,199	3,099	2,999	2,899	2,799	2,699	2,599	2,499	2,399	2,299	2,199	2,099	1,999	1,899	1,799	1,699	1,599	1,499	1,399	1,299	1,199	1,099	0,999	0,899	0,799	0,699	0,599	0,499	0,399	0,299	0,199	0,099	0,000	-0,099	-0,199	-0,299	-0,399	-0,499	-0,599	-0,699	-0,799	-0,899	-0,999	-1,099	-1,199	-1,299	-1,399	-1,499	-1,599	-1,699	-1,799	-1,899	-1,999	-2,099	-2,199	-2,299	-2,399	-2,499	-2,599	-2,699	-2,799	-2,899	-2,999	-3,099	-3,199	-3,299	-3,399	-3,499	-3,599	-3,699	-3,799	-3,899	-3,999	-4,099	-4,199	-4,299	-4,399	-4,499	-4,599	-4,699	-4,799	-4,899	-4,999	-5,099	-5,199	-5,299	-5,399	-5,499	-5,599	-5,699	-5,799	-5,899	-5,999	-6,099	-6,199	-6,299	-6,399	-6,499	-6,599	-6,699	-6,799	-6,899	-6,999	-7,099	-7,199	-7,299	-7,399	-7,499	-7,599	-7,699	-7,799	-7,899	-7,999	-8,099	-8,199	-8,299	-8,399	-8,499	-8,599	-8,699	-8,799	-8,899	-8,999	-9,099	-9,199	-9,299	-9,399	-9,499	-9,599	-9,699	-9,799	-9,899	-9,999	-10,099	-10,199	-10,299	-10,399	-10,499	-10,599	-10,699	-10,799	-10,899	-10,999	-11,099	-11,199	-11,299	-11,399	-11,499	-11,599	-11,699	-11,799	-11,899	-11,999	-12,099	-12,199	-12,299	-12,399	-12,499	-12,599	-12,699	-12,799	-12,899	-12,999	-13,099	-13,199	-13,299	-13,399	-13,499	-13,599	-13,699	-13,799	-13,899	-13,999	-14,099	-14,199	-14,299	-14,399	-14,499	-14,599	-14,699	-14,799	-14,899	-14,999	-15,099	-15,199	-15,299	-15,399	-15,499	-15,599	-15,699	-15,799	-15,899	-15,999	-16,099	-16,199	-16,299	-16,399	-16,499	-16,599	-16,699	-16,799	-16,899	-16,999	-17,099	-17,199	-17,299	-17,399	-17,499	-17,599	-17,699	-17,799	-17,899	-17,999	-18,099	-18,199	-18,299	-18,399	-18,499	-18,599	-18,699	-18,799	-18,899	-18,999	-19,099	-19,199	-19,299	-19,399	-19,499	-19,599	-19,699	-19,799	-19,899	-19,999	-20,099	-20,199	-20,299	-20,399	-20,499	-20,599	-20,699	-20,799	-20,899	-20,999	-21,099	-21,199	-21,299	-21,399	-21,499	-21,599	-21,699	-21,799	-21,899	-21,999	-22,099	-22,199	-22,299	-22,399	-22,499	-22,599	-22,699	-22,799	-22,899	-22,999	-23,099	-23,199	-23,299	-23,399	-23,499	-23,599	-23,699	-23,799	-23,899	-23,999	-24,099	-24,199	-24,299	-24,399	-24,499	-24,599	-24,699	-24,799	-24,899	-24,999	-25,099	-25,199	-25,299	-25,399	-25,499	-25,599	-25,699	-25,799	-25,899	-25,999	-26,099	-26,199	-26,299	-26,399	-26,499	-26,599	-26,699	-26,799	-26,899	-26,999	-27,099	-27,199	-27,299	-27,399	-27,499	-27,599	-27,699	-27,799	-27,899	-27,999	-28,099	-28,199	-28,299	-28,399	-28,499	-28,599	-28,699	-28,799	-28,899	-28,999	-29,099	-29,199	-29,299	-29,399	-29,499	-29,599	-29,699	-29,799	-29,899	-29,999	-30,099	-30,199	-30,299	-30,399	-30,499	-30,599	-30,699	-30,799	-30,899	-30,999	-31,099	-31,199	-31,299	-31,399	-31,499	-31,599	-31,699	-31,799	-31,899	-31,999	-32,099	-32,199	-32,299	-32,399	-32,499	-32,599	-32,699	-32,799	-32,899	-32,999	-33,099	-33,199	-33,299	-33,399	-33,499	-33,599	-33,699	-33,799	-33,899	-33,999	-34,099	-34,199	-34,299	-34,399	-34,499	-34,599	-34,699	-34,799	-34,899	-34,999	-35,099	-35,199	-35,299	-35,399	-35,499	-35,599	-35,699	-35,799	-35,899	-35,999	-36,099	-36,199	-36,299	-36,399	-36,499	-36,599	-36,699	-36,799	-36,899	-36,999	-37,099	-37,199	-37,299	-37,399	-37,499	-37,599	-37,699	-37,799	-37,899	-37,999	-38,099	-38,199	-38,299	-38,399	-38,499	-38,599	-38,699	-38,799	-38,899	-38,999	-39,099	-39,199	-39,299	-39,399	-39,499	-39,599	-39,699	-39,799	-39,899	-39,999	-40,099	-40,199	-40,299	-40,399	-40,499	-40,599	-40,699	-40,799	-40,899	-40,999	-41,099	-41,199	-41,299	-41,399	-41,499	-41,599	-41,699	-41,799	-41,899	-41,999	-42,099	-42,199	-42,299	-42,399	-42,499	-42,599	-42,699	-42,799	-42,899	-42,999	-43,099	-43,199	-43,299	-43,399	-43,499	-43,599	-43,699	-43,799	-43,899	-43,999	-44,099	-44,199	-44,299	-44,399	-44,499	-44,599	-44,699	-44,799	-44,899	-44,999	-45,099	-45,199	-45,299	-45,399	-45,499	-45,599	-45,699	-45,799	-45,899	-45,999	-46,099	-46,199	-46,299	-46,399	-46,499	-46,599	-46,699	-46,799	-46,899	-46,999	-47,099	-47,199	-47,299	-47,399	-47,499	-47,599	-47,699	-47,799	-47,899	-47,999	-48,099	-48,199	-48,299	-48,399	-48,499	-48,599	-48,699	-48,799	-48,899	-48,999	-49,099	-49,199	-49,299	-49,399	-49,499	-49,599	-49,699	-49,799</

PERFIL LONGITUDINAL

CANTO DO RIO - RUA GONÇALO DE ATAÍDE PEREIRA

ESCALA HORIZONTAL: 1/500
ESCALA VERTICAL: 1/50



ESTACA	0+0.00	0+5.00	0+10.00	0+15.00	1+5.00	1+10.00	1+15.00	2+0.00	2+5.00	2+10.00	2+15.00	3+0.00	3+5.00	3+10.00	3+15.00	4+0.00	4+5.00	4+10.00	4+15.00	5+0.00	5+5.00	5+10.00	5+15.00	6+0.00	6+5.00	6+10.00	6+15.00	7+0.00	7+5.00	7+10.00	7+15.00	8+0.00	8+5.00	8+10.00	8+15.00	9+0.00	9+5.00	9+10.00	9+15.00	10+0.00	10+5.00	10+10.00	10+15.00	11+0.00	11+5.00	11+10.00	11+15.00	12+0.00	12+5.00	12+10.00	12+15.00	13+0.00	13+5.00	13+10.00	13+15.00	14+0.00	14+5.00	14+10.00	14+15.00	15+0.00	15+5.00	15+10.00	15+15.00	16+0.00	16+5.00	16+10.00	16+15.00	17+0.00	17+5.00	17+10.00	17+15.00	18+0.00	18+15.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
COTAS DO TERRENO	61.081	60.765	60.639	60.496	60.333	60.175	60.020	59.851	59.699	59.547	59.396	59.244	59.092	58.940	58.788	58.636	58.484	58.332	58.180	58.028	57.876	57.724	57.572	57.420	57.268	57.116	56.964	56.812	56.660	56.508	56.356	56.204	56.052	55.900	55.748	55.596	55.444	55.292	55.140	54.988	54.836	54.684	54.532	54.380	54.228	54.076	53.924	53.772	53.620	53.468	53.316	53.164	53.012	52.860	52.708	52.556	52.404	52.252	52.100	51.948	51.796	51.644	51.492	51.340	51.188	51.036	50.884	50.732	50.580	50.428	50.276	50.124	49.972	49.820	49.668	49.516	49.364	49.212	49.060	48.908	48.756	48.604	48.452	48.300	48.148	47.996	47.844	47.692	47.540	47.388	47.236	47.084	46.932	46.780	46.628	46.476	46.324	46.172	46.020	45.868	45.716	45.564	45.412	45.260	45.108	44.956	44.804	44.652	44.500	44.348	44.196	44.044	43.892	43.740	43.588	43.436	43.284	43.132	42.980	42.828	42.676	42.524	42.372	42.220	42.068	41.916	41.764	41.612	41.460	41.308	41.156	41.004	40.852	40.700	40.548	40.396	40.244	40.092	39.940	39.788	39.636	39.484	39.332	39.180	39.028	38.876	38.724	38.572	38.420	38.268	38.116	37.964	37.812	37.660	37.508	37.356	37.204	37.052	36.900	36.748	36.596	36.444	36.292	36.140	35.988	35.836	35.684	35.532	35.380	35.228	35.076	34.924	34.772	34.620	34.468	34.316	34.164	34.012	33.860	33.708	33.556	33.404	33.252	33.100	32.948	32.796	32.644	32.492	32.340	32.188	32.036	31.884	31.732	31.580	31.428	31.276	31.124	30.972	30.820	30.668	30.516	30.364	30.212	30.060	29.908	29.756	29.604	29.452	29.300	29.148	28.996	28.844	28.692	28.540	28.388	28.236	28.084	27.932	27.780	27.628	27.476	27.324	27.172	27.020	26.868	26.716	26.564	26.412	26.260	26.108	25.956	25.804	25.652	25.500	25.348	25.196	25.044	24.892	24.740	24.588	24.436	24.284	24.132	23.980	23.828	23.676	23.524	23.372	23.220	23.068	22.916	22.764	22.612	22.460	22.308	22.156	22.004	21.852	21.700	21.548	21.396	21.244	21.092	20.940	20.788	20.636	20.484	20.332	20.180	20.028	19.876	19.724	19.572	19.420	19.268	19.116	18.964	18.812	18.660	18.508	18.356	18.204	18.052	17.900	17.748	17.596	17.444	17.292	17.140	16.988	16.836	16.684	16.532	16.380	16.228	16.076	15.924	15.772	15.620	15.468	15.316	15.164	15.012	14.860	14.708	14.556	14.404	14.252	14.100	13.948	13.796	13.644	13.492	13.340	13.188	13.036	12.884	12.732	12.580	12.428	12.276	12.124	11.972	11.820	11.668	11.516	11.364	11.212	11.060	10.908	10.756	10.604	10.452	10.300	10.148	9.996	9.844	9.692	9.540	9.388	9.236	9.084	8.932	8.780	8.628	8.476	8.324	8.172	8.020	7.868	7.716	7.564	7.412	7.260	7.108	6.956	6.804	6.652	6.500	6.348	6.196	6.044	5.892	5.740	5.588	5.436	5.284	5.132	4.980	4.828	4.676	4.524	4.372	4.220	4.068	3.916	3.764	3.612	3.460	3.308	3.156	3.004	2.852	2.700	2.548	2.396	2.244	2.092	1.940	1.788	1.636	1.484	1.332	1.180	1.028	0.876	0.724	0.572	0.420	0.268	0.116	0.064	0.012	-0.140	-0.288	-0.436	-0.584	-0.732	-0.880	-1.028	-1.176	-1.324	-1.472	-1.620	-1.768	-1.916	-2.064	-2.212	-2.360	-2.508	-2.656	-2.804	-2.952	-3.100	-3.248	-3.396	-3.544	-3.692	-3.840	-3.988	-4.136	-4.284	-4.432	-4.580	-4.728	-4.876	-5.024	-5.172	-5.320	-5.468	-5.616	-5.764	-5.912	-6.060	-6.208	-6.356	-6.504	-6.652	-6.800	-6.948	-7.096	-7.244	-7.392	-7.540	-7.688	-7.836	-7.984	-8.132	-8.280	-8.428	-8.576	-8.724	-8.872	-9.020	-9.168	-9.316	-9.464	-9.612	-9.760	-9.908	-10.056	-10.204	-10.352	-10.500	-10.648	-10.796	-10.944	-11.092	-11.240	-11.388	-11.536	-11.684	-11.832	-11.980	-12.128	-12.276	-12.424	-12.572	-12.720	-12.868	-13.016	-13.164	-13.312	-13.460	-13.608	-13.756	-13.904	-14.052	-14.200	-14.348	-14.496	-14.644	-14.792	-14.940	-15.088	-15.236	-15.384	-15.532	-15.680	-15.828	-15.976	-16.124	-16.272	-16.420	-16.568	-16.716	-16.864	-17.012	-17.160	-17.308	-17.456	-17.604	-17.752	-17.900	-18.048	-18.196	-18.344	-18.492	-18.640	-18.788	-18.936	-19.084	-19.232	-19.380	-19.528	-19.676	-19.824	-19.972	-20.120	-20.268	-20.416	-20.564	-20.712	-20.860	-21.008	-21.156	-21.304	-21.452	-21.600	-21.748	-21.896	-22.044	-22.192	-22.340	-22.488	-22.636	-22.784	-22.932	-23.080	-23.228	-23.376	-23.524	-23.672	-23.820	-23.968	-24.116	-24.264	-24.412	-24.560	-24.708	-24.856	-25.004	-25.152	-25.300	-25.448	-25.596	-25.744	-25.892	-26.040	-26.188	-26.336	-26.484	-26.632	-26.780	-26.928	-27.076	-27.224	-27.372	-27.520	-27.668	-27.816	-27.964	-28.112	-28.260	-28.408	-28.556	-28.704	-28.852	-28.900	-29.048	-29.196	-29.344	-29.492	-29.640	-29.788	-29.936	-30.084	-30.232	-30.380	-30.528	-30.676	-30.824	-30.972	-31.120	-31.268	-31.416	-31.564	-31.712	-31.860	-32.008	-32.156	-32.304	-32.452	-32.600	-32.748	-32.896	-33.044	-33.192	-33.340	-33.488	-33.636	-33.784	-33.932	-34.080	-34.228	-34.376	-34.524	-34.672	-34.820	-34.968	-35.116	-35.264	-35.412	-35.560	-35.708	-35.856	-36.004	-36.152	-36.300	-36.448	-36.596	-36.744	-36.892	-37.040	-37.188	-37.336	-37.484	-37.632	-37.780	-37.928	-38.076	-38.224	-38.372	-38.520	-38.668	-38.816	-38.964	-39.112	-39.260	-39.408	-39.556	-39.704	-39.852	-40.000	-40.148	-40.296	-40.444	-40.592	-40.740	-40.888	-41.036	-41.184	-41.332	-41.480	-41.628	-41.776	-41.924	-42.072	-42.220	-42.368	-42.516	-42.664	-42.812	-42.960	-43.108	-43.256	-43.404	-43.552	-43.700	-43.848	-43.996	-44.144	-44.292	-44.440	-44.588	-44.736	-44.884	-45.032	-45.180	-45.328	-45.476	-45.624	-45.772	-45.920	-46.068	-46.216	-46.364	-46.512	-46.660	-46.808	-46.956	-47.104	-47.252	-47.400	-47.548	-47.696	-47.844	-47.992	-48.140	-48.288	-48.436	-48.584	-48.732	-48.880	-49.028	-49.176	-49.324	-49.472	-49.620	-49.768	-49.916	-50.064	-50.212	-50.360	-50.508	-50.656	-50.804	-50.952	-51.100	-51.248	-51.396	-51.544	-51.692	-51.840	-51.988	-52.136	-52.284	-52.432	-52.580	-52.728	-52.876	-53.024	-53.172	-53.320	-53.468	-53.616	-53.764	-53.912	-54.060	-54.208	-54.356	-54.504	-54.652	-54.800	-54.948	-55.096	-55.244	-55.392	-55.540	-55.688	-55.836	-55.984	-56.132	-56.280	-56.428	-56.576	-56.724	-56.872	-57.020	-57.168	-57.316	-57.464	-57.612	-57.760	-57.908	-58.056	-58.204	-58.352	-58.500	-58.648	-58.796	-58.944	-59.092	-59.240	-59.388	-59.536	-59.684	-59.832	-59.980	-60.128	-60.276	-60.424	-60.572	-60.720	-60.868	-61.016	-61.164	-61.312	-61.460	-61.608	-61.756	-61.904	-62.052	-62.200	-62.348	-62.496	-62.644	-62.792	-62.940	-63.088	-63.236	-63.384	-63.532	-63.680	-63.828	-63.976	-64.124	-64.272	-64.420	-64.568	-64.716	-64.864	-65.012	-65.160	-65.308	-65.456	-65.604	-65.752	-65.900	-66.048	-66.196	-66.344	-66.492	-66.640	-66.788	-66.936	-67.084	-67.232	-67.380	-67.528	-67.676	-67.824	-67.972	-68.120	-68.268	-68.416	-68.564	-68.712	-68.860	-69.008	-69.156	-69.304	-69.452	-69.600	-69.748	-69.896	-70.044	-70.192	-70.340	-70.488	-70.636	-70.784	-70.932	-71.080	-71.228	-71.376	-71.524	-71.672	-71.820	-71.968	-72.116	-72.264	-72.412	-72.560	-72.708	-72.856	-73.004	-73.152	-73.300	-73.448	-73.596	-73.744	-73.892	-74.040	-74.188	-74.336	-74.484	-74.632	-74.780	-74.928	-75.076	-75.224	-75.372	-75.520	-75.668	-75.816	-75.964	-76.112	-76.260	-76.408	-76.556	-76.704	-76.852	-76.900	-77.048	-77.196	-77.344	-77.492	-77.640	-77.788	-77.936	-78.084	-78.232	-78.380	-78.528	-78.676	-78.824	-78.972	-79.120	-79.268	-79.416	-79.564	-79.712	-79.860	-80.008	-80.156	-80.304	-80.452	-80.600	-80.748	-80.896	-81.044	-81.192	-81.340	-81.488	-81.636	-81.784	-81.932	-82.080	-82.228	-82.376	-82.524	-82.672	-82.820	-82.968	-83.116	-83.264	-83.412	-83.560	-83.708	-83.856	-84.004	-84.152	-84.300	-84.448	-84.596	-84.744	-84.892	-85.040	-85.188	-85.336	-85.484	-85.632	-85.780	-85.928	-86.076	-86.224	-86.372	-86.520	-86.668	-86.816	-86.964	-87.112	-87.260	-87.408	-87.556	-87.704	-87.852	-87.900	-88.048	-88.196	-88.344	-88.492	-88.640	-88.788	-88.936	-89.084	-89.232	-89.380	-89.528	-89.676	-89.824	-89.972	-90.120	-90.268	-90.416	-90.564	-90.712	-90.860	-91.008	-91.156	-91.304	-91.452	-91.600	-91.748	-91.896	-92.044	-92.192	-92.34

