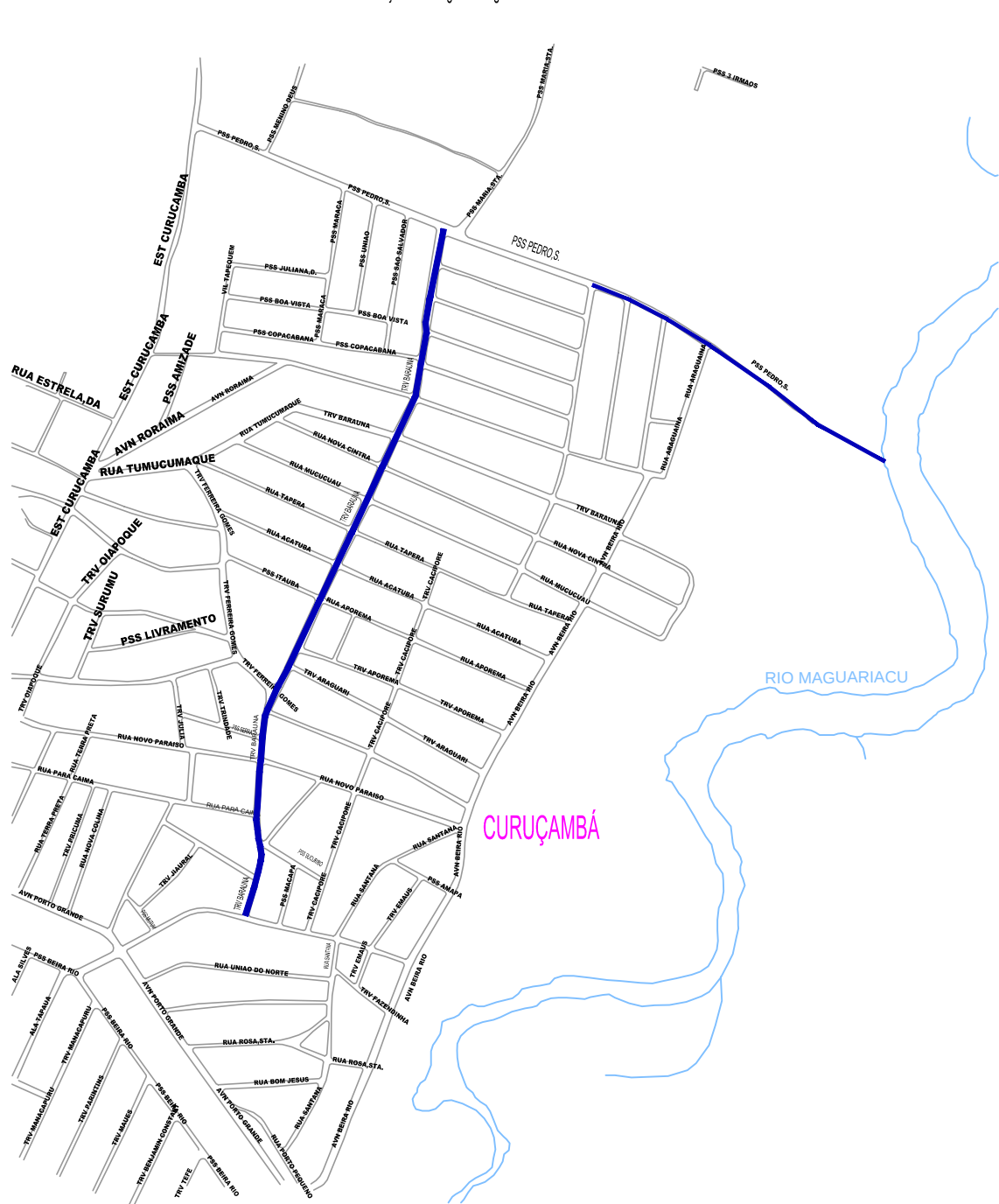
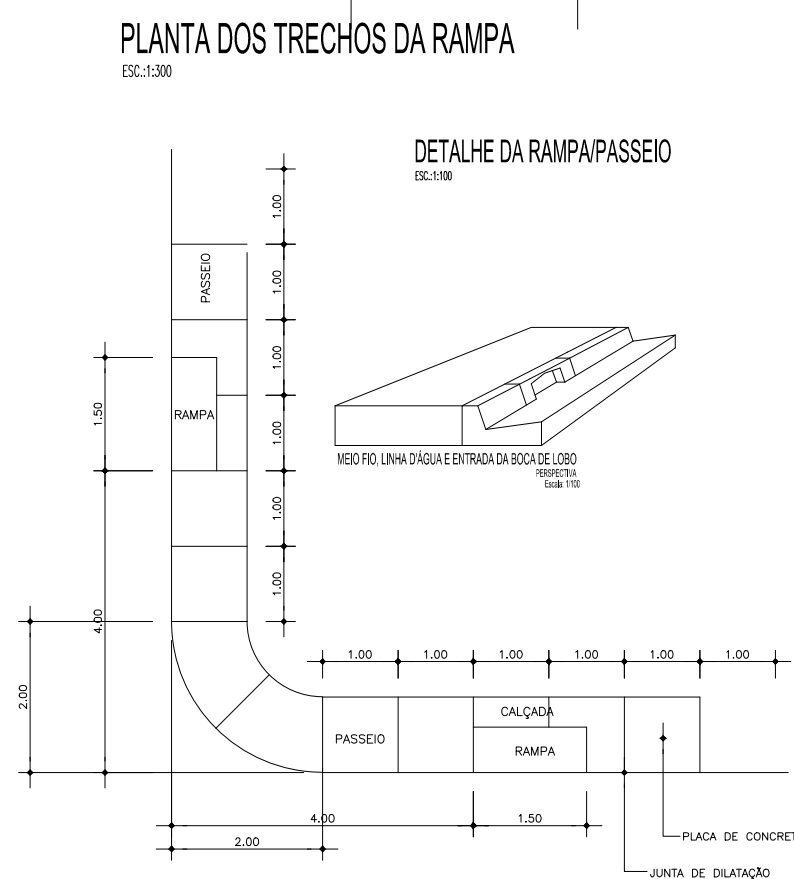
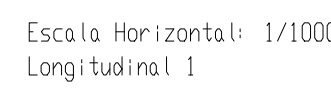
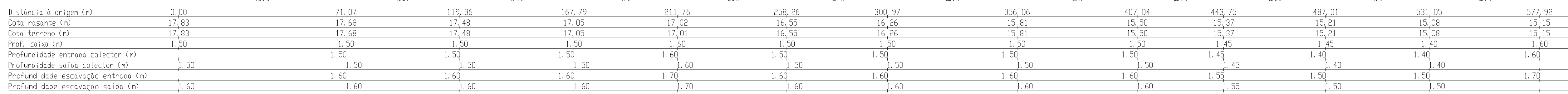
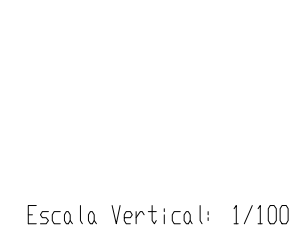




1- Descrição dos materiais utilizados
Galeria Barauna - Coeficiente de Manning: 0.01300

Descrição	Geometria	Dimensão	Diâmetros
			mm
DN600	Circular	Diâmetro	594.0
DN800	Circular	Diâmetro	793.0

3 - Estabilidade de tramos

Início	Final	Comprimento	Dímetro	Pendente	Vazão	Lâm.lq.	Velocidade
		m	mm	%	l/s	mm	m/s
PV1	PV2	44.05	DN800	0.30	523.93	510.78	1.56
PV1	PV1.1	46.87	DN800	0.28	553.93	543.58	1.54
PV2	PV3	43.26	DN800	0.25	467.33	497.02	1.43
PV3	PV4	36.71	DN800	0.22	439.81	502.62	1.33
PV4	PV5	50.98	DN800	0.61	402.31	425.74	1.89
PV5	PV6	55.09	DN800	0.82	364.13	357.15	2.09
PV6	PV7	42.72	DN800	0.68	300.18	341.17	1.88
PV7	PV8	46.50	DN800	0.80	217.18	263.94	1.83
PV8	PV9	43.96	DN800	0.30	160.92	295.27	1.17
PV9	PV10	48.44	DN800	0.89	98.12	167.80	1.53
PV10	PV11	48.28	DN800	0.41	35.33	121.61	0.87
PV11	PV12	71.07	DN800	0.21	35.33	143.81	0.68

5 - Características Geométrica da Galeria

5 - Características de la Jornada								
Inicio	Final	Terreno		Compromiso	Prof.		Largura fundo cm	Tálide
		Inicio	Final		Inicio	Final		
		m	m		m	m		
PV1	PV2	15.08	15.21	44.05	1.40	1.40	160.00	0/1
PV1	PV1.1	15.08	15.15	46.87	1.40	1.60	160.00	0/1
PV2	PV3	15.21	15.37	43.26	1.40	1.45	160.00	0/1
PV3	PV4	15.37	15.50	36.71	1.45	1.50	160.00	0/1
PV4	PV5	15.50	15.81	50.98	1.50	1.50	150.00	0/1
PV5	PV6	15.81	16.26	55.09	1.50	1.50	150.00	0/1
PV6	PV7	16.26	16.55	42.72	1.50	1.50	150.00	0/1
PV7	PV8	16.55	17.01	46.50	1.50	1.60	150.00	0/1
PV8	PV9	17.01	17.05	43.96	1.60	1.50	150.00	0/1
PV9	PV10	17.05	17.48	48.44	1.50	1.50	150.00	0/1
PV10	PV11	17.48	17.68	48.28	1.50	1.50	150.00	0/1
PV11	PV12	17.68	17.83	71.07	1.50	1.50	150.00	0/1

5 -Número de caixas por profundidades:

Profundidade	Número de caixas
m	
1.60	2
1.40	1
1.45	2
1.50	8
Total	13

Gracia	Descrição	Progressiva	No	Este	Cota	Valor	Estaca	Descrição	Progressiva	Nº	Este	Cota	Valor
0		0,000	9.852.076,623	780.871,279	15,077	286 289"			0,000	9.852.586,436	785.859,174	17,244	292m
1	PV1	20,000	9.852.086,196	780.883,146	16,050	286 289"	20+040	PV1	20,000	9.852.596,060	785.869,801	17,408	292m
2	PV2	40,000	9.852.116,600	780.893,146	16,050	286 289"	30+000	PV2	40,000	9.852.620,566	785.880,801	17,408	292m
2+10,179	P1	50,719	9.852.127,234	780.893,146	16,050	286 289"	30+000	PV1	50,719	9.852.629,688	785.880,801	17,408	292m
3	PV3	60,000	9.852.136,601	780.879,639	16,035	286 129"	38+000	PV3	60,000	9.852.659,182	785.893,127	17,617	292m
3+35,956	P2	60,000	9.852.136,601	780.879,639	16,035	286 129"	38+000	PV2	60,000	9.852.669,182	785.893,127	17,617	292m
4	PV4	80,000	9.852.156,601	780.875,498	16,000	286 129"	50+000	PV4	80,000	9.852.699,182	785.903,127	17,617	292m
4+11,573	P3	91,573	9.852.166,634	780.871,279	15,077	287 291"	20+150,4	P3	91,573	9.852.679,879	785.866,378	16,545	272m
5	PV5	100,000	9.852.174,303	780.875,498	16,732	286 129"	31+000	PV5	100,000	9.852.679,879	785.866,378	16,545	272m
6	PV6	120,000	9.852.184,303	780.875,498	16,732	286 129"	31+000	PV6	120,000	9.852.679,879	785.866,378	16,545	272m
6+33,181	P4	133,181	9.852.204,344	780.854,598	17,259	292 424"	20+121,231	P4	133,181	9.852.729,257	785.871,169	16,281	292m
7	PV7	140,000	9.852.214,344	780.852,803	17,192	295 424"	33+000	PV6	140,000	9.852.729,257	785.871,169	16,281	292m
8	PV8	160,000	9.852.229,344	780.846,461	17,251	295 424"	34+000	PV7	160,000	9.852.759,257	785.871,169	16,281	292m
8+64,60	P5	164,640	9.852.239,344	780.846,461	17,251	295 424"	35+000	PV8	160,000	9.852.769,257	785.871,169	16,281	292m
9	PCV10	160,000	9.852.250,437	780.846,461	17,252	295 303"	35+120,309	PV10	160,000	9.852.779,257	785.871,169	16,281	292m
10	200,000	9.852.260,437	780.837,813	17,192	295 303"	36+000	PV10	200,000	9.852.789,257	785.871,169	16,281	292m	
10+350,360	P6	200,000	9.852.269,487	780.837,813	17,192	295 303"	37+150,360	P6	200,000	9.852.789,257	785.871,169	16,281	292m
11	PTV11	200,000	9.852.289,487	780.833,134	18,215	295 303"	37+150,360	P6	200,000	9.852.789,257	785.871,169	16,281	292m
11+30,361	P7	239,361	9.852.289,487	780.833,134	18,215	295 303"	38+000	PV8	239,361	9.852.829,257	785.871,169	16,281	292m
12	PCV13	240,000	9.852.304,398	780.828,813	18,229	295 303"	38+289,360	PV13	240,000	9.852.829,257	785.871,169	16,281	292m
13	PV14	260,000	9.852.314,398	780.828,813	18,229	295 303"	39+000	PV14	260,000	9.852.839,257	785.871,169	16,281	292m
13+64,60	P8	264,642	9.852.334,398	780.823,813	18,229	295 303"	39+149,640	PV13	264,642	9.852.839,257	785.871,169	16,281	292m
14	PTV14	280,000	9.852.349,398	780.825,804	18,155	277 492"	40+000	PV14	280,000	9.852.869,257	785.871,169	16,281	292m
14+11,573	P9	280,000	9.852.349,398	780.825,804	18,155	277 492"	40+000	PV14	280,000	9.852.869,257	785.871,169	16,281	292m
15	PV15	300,000	9.852.369,344	780.828,720	17,929	293 304"	42+000	PV14	300,000	9.852.900,304	785.867,500	15,011	292m
16	PV16	320,000	9.852.387,398	780.823,023	17,908	279 314"	42+256	PV13	320,000	9.852.906,415	785.862,014	15,028	292m
16+13,662	P10	322,562	9.852.397,398	780.824,507	17,923	277 995"	43+000	PV16	320,000	9.852.927,360	785.864,501	15,001	272m
17	PCV17	340,000	9.852.414,398	780.818,605	17,923	277 995"	44+000	PV17	340,000	9.852.944,360	785.869,501	15,001	272m
17+16,447	P11	356,247	9.852.423,398	780.818,605	17,925	277 995"	44+701	P10	361,201	9.852.969,360	785.890,430	15,017	272m
18	PV18	380,000	9.852.449,996	780.813,731	17,682	272 498"	45+000	PV18	380,000	9.852.962,512	785.868,548	14,935	287 996"
18+11,573	P12	380,000	9.852.449,996	780.813,731	17,682	272 498"	45+000	PV18	380,000	9.852.962,512	785.868,548	14,935	287 996"
19-15,298	P13	395,288	9.852.460,731	780.807,483	17,360	299 995"	46+11,572	VA	534,172	9.852.996,307	785.873,483	15,166	299 996"
20	PV20	400,000	9.852.466,719	780.841,223	17,692	279 130"							
21	PV21	420,000	9.852.486,719	780.843,396	17,692	279 130"							
21+21,231	P13	427,131	9.852.493,609	780.844,133	17,682	279 130"							
22	PV22	440,000	9.852.505,536	780.846,712	17,470	276 995"							
23	PV23	460,000	9.852.526,396	780.848,124	17,404	276 995"							
23+59,023	P14	473,003	9.852.540,349	780.850,025	17,484	276 995"							
24	PV24	490,000	9.852.564,396	780.846,712	17,360	299 995"							
25	PV25	500,000	9.852.566,994	780.852,975	17,287	279 304"							

REV. N°	DATA	DESCRIÇÃO DA MODIFICAÇÃO
Responsável Projeto: SESAN-Secretaria Municipal de Ananindeua  PROJETO DE IFRA ESTRUTURA URBANA		
Emprego da Obra: Projeto Barauna - Ananindeua Sistema: SISTEMA DE DRENAGEM DE ÁGUA PLUVIAL PROFUNDA		
Descrição: Título do Documento: PLANTILHA DA REDE DE DRENAGEM DE ÁGUA PLUVIAL PROFUNDA AVENIDA BARAUNA Fase: PROJETO EXECUTIVO Planta, Perfil e Detalhes		
Conteúdo: Traçados Horizontal / Vertical e Seções Transversais Tabelas de Memórias de Cálculos		Folha N° 01/03 Habilita PROJETISTA
Responsável	Concededor	Desenhista
		Scale: 1/1000, 1/400, 1/250, 1/100, 1/50, 1/25, 1/10