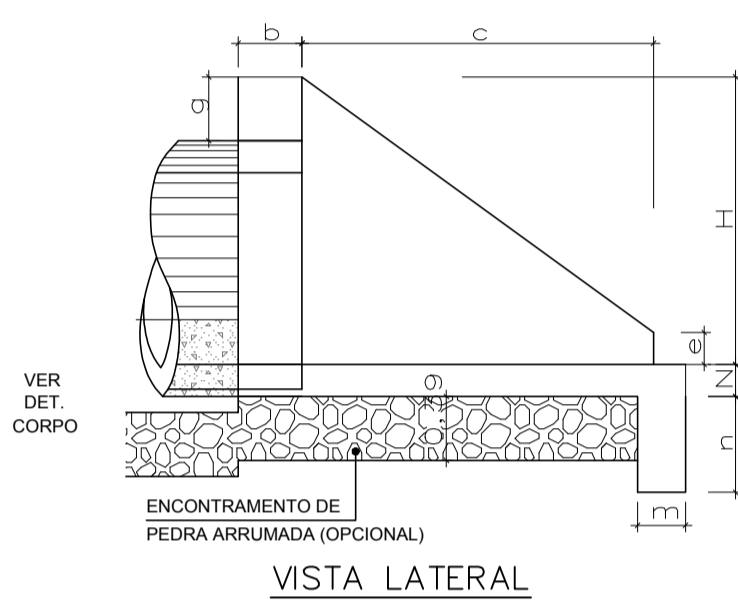
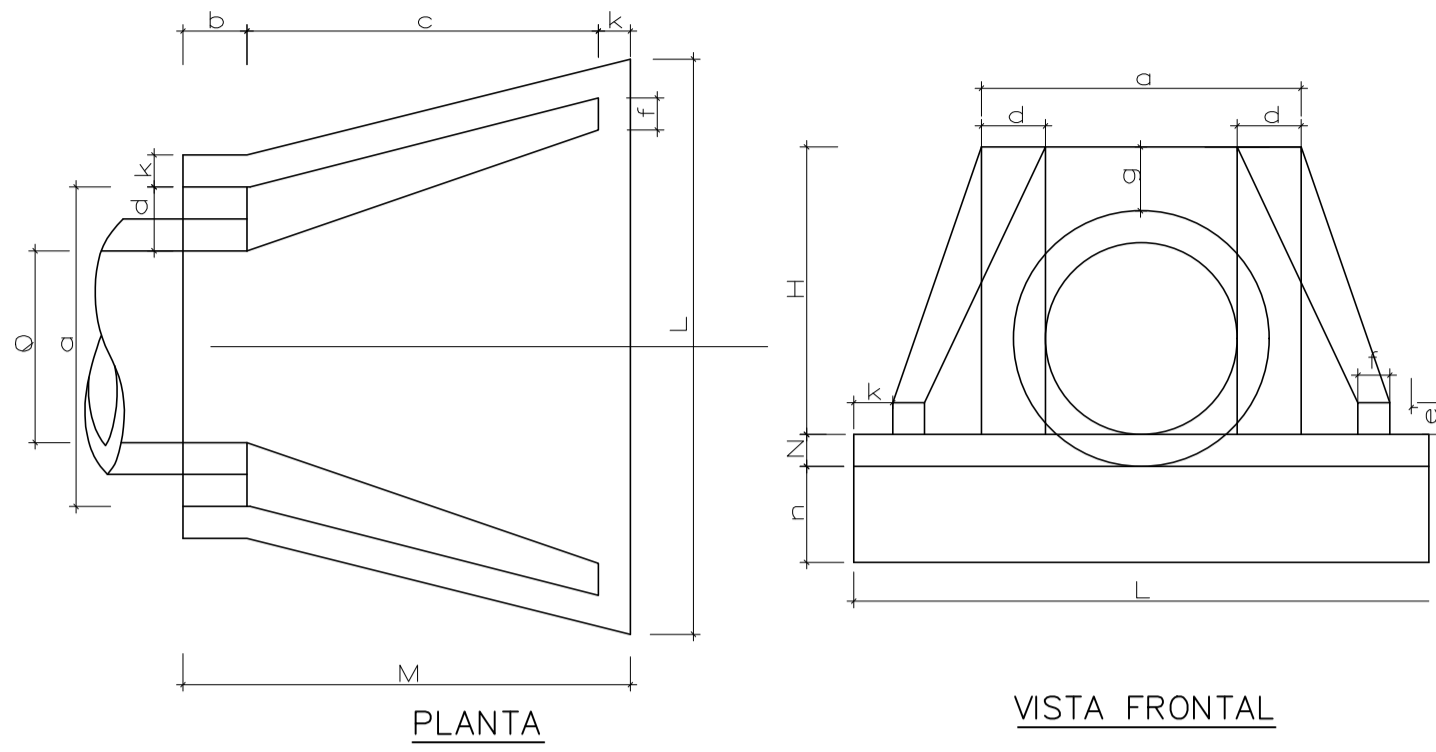


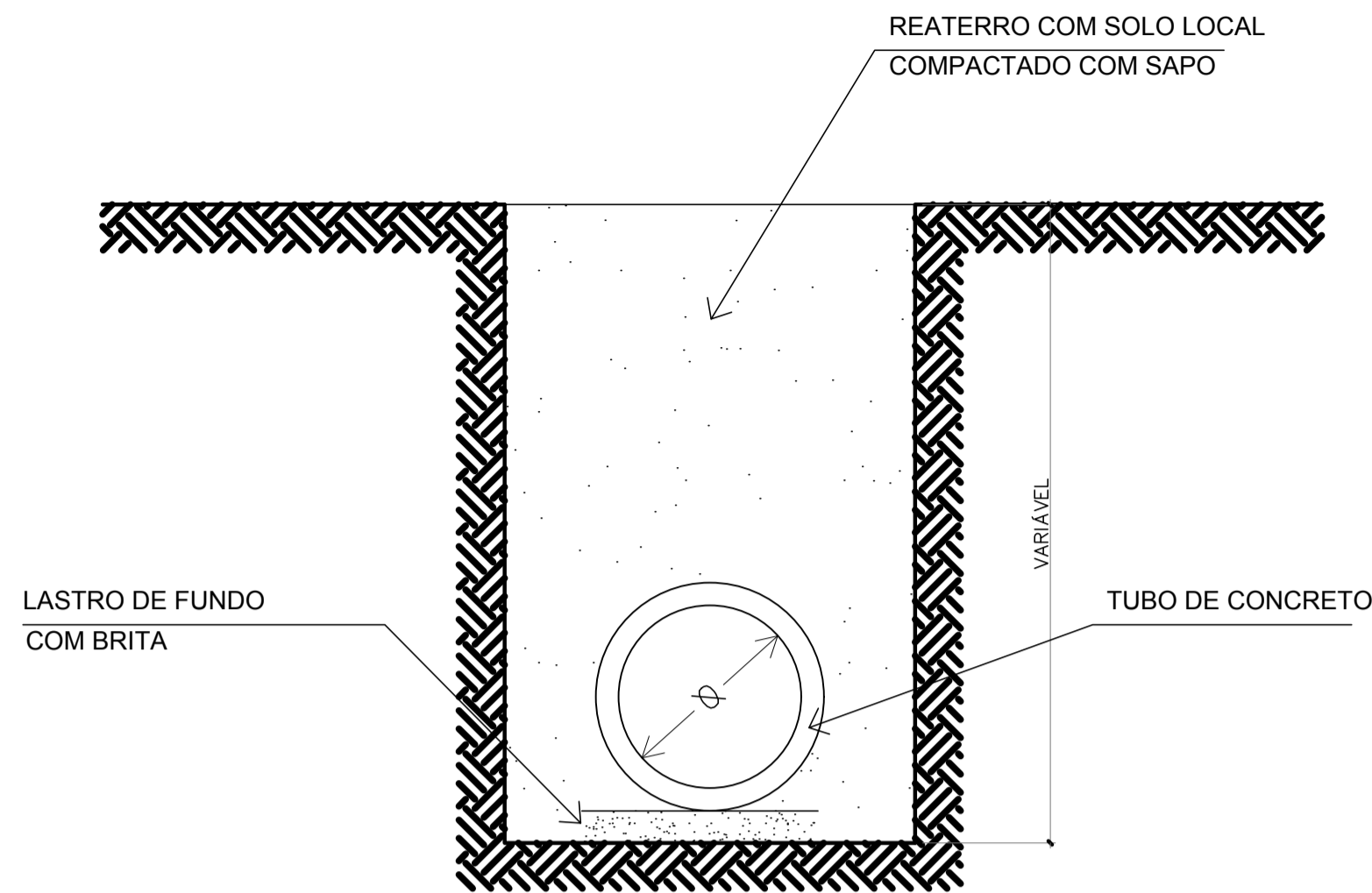
## SAÍDA DE BUEIRO



CONDIÇÃO	TIPO	TABELA														CONSUMO DE MATERIAL		
		a	b	c	d	e	f	g	h	i	j	k	l	m	n	VOLUME CONCRETO	FORMA	ENCOSC. FERR. ABERT.
BST	N 0,40	0,80	0,20	0,90	0,20	0,10	0,10	0,20	0,10	0,15	0,30	0,80	1,40	1,20	0,10	0,492	3,75	0,297
BST	N 0,60	1,00	0,20	1,10	0,20	0,15	0,10	0,20	0,10	0,15	0,30	0,88	1,60	1,40	0,10	0,559	4,27	0,338
BST	N 0,80	1,20	0,20	1,40	0,20	0,15	0,10	0,20	0,10	0,15	0,30	1,10	1,70	1,70	0,10	0,813	4,88	0,440
BST	N 1,00	1,40	0,20	1,70	0,20	0,15	0,10	0,20	0,10	0,15	0,30	1,32	2,20	2,01	0,10	1,205	6,96	0,606
BST	N 1,20	1,60	0,20	1,87	0,20	0,25	0,15	0,20	0,10	0,15	0,30	1,63	2,46	2,17	0,10	1,393	9,52	0,836
BST	N 1,50	2,10	0,20	2,30	0,30	0,30	0,20	0,20	0,10	0,15	0,30	1,85	3,00	2,60	0,10	2,580	14,32	1,325

Obs: 1 - O CONSUMO DE MATERIAIS SE REFERE A UMA BOCA  
2 - UTILIZAR CONCRETO Nc - 150kg/m³

## ASSENTAMENTO DE TUBO



DIÂMETRO	LARGURA DA VALA
0,30	0,80
0,40	0,90
0,50	1,00
0,60	1,10
0,80	1,30
1,00	1,50
1,20	1,70

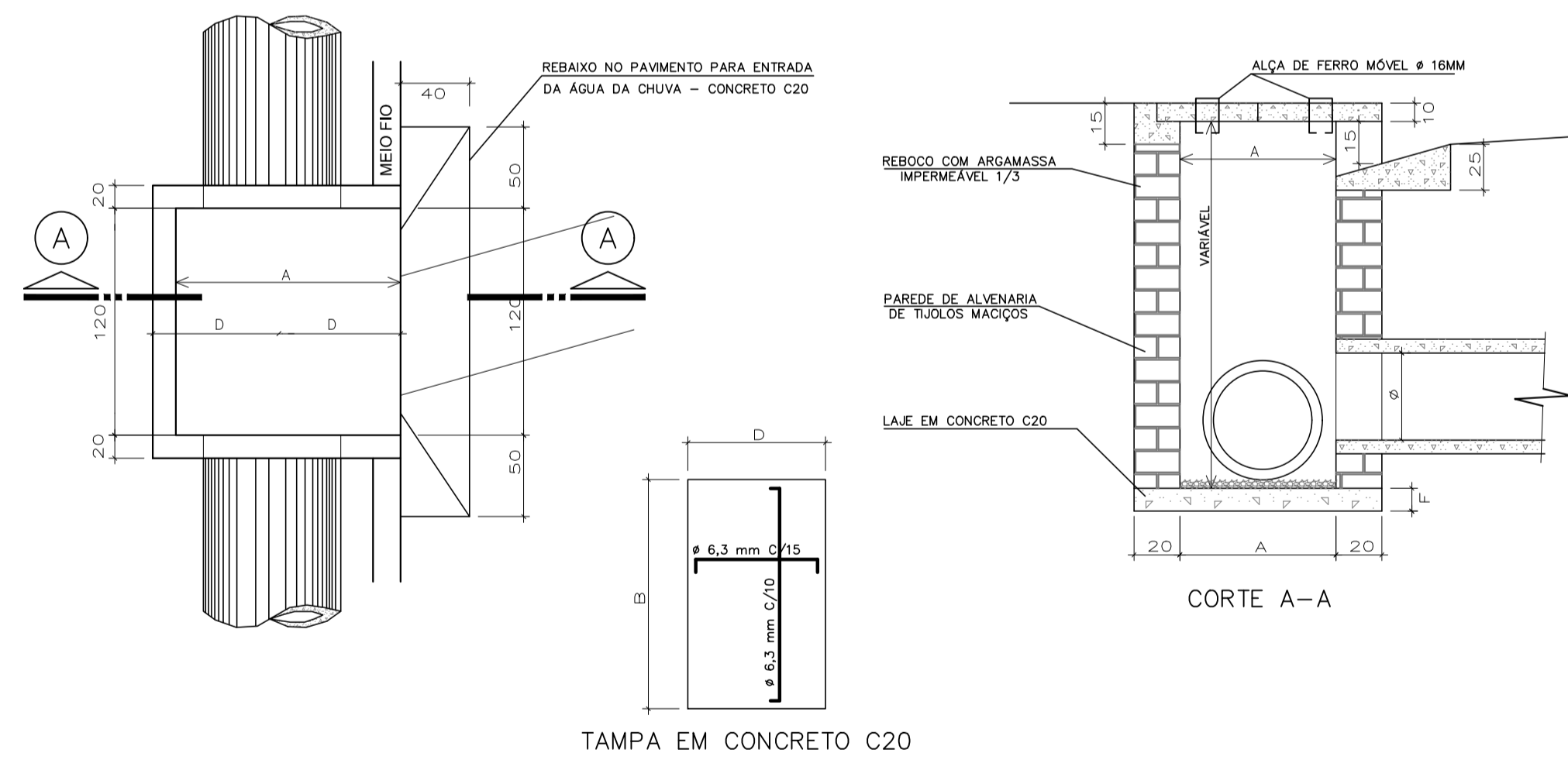
TABELA DE ESTRUTURAS DA REDE DE DRENAGEM		
NOME	COTAS	PROFUNDIDADE (m)
CS - EST. 59.45	CT+ 1003.38 CF+ 1002.12	1,27
CS - EST. 58.27	CT+ 1003.24 CF+ 1002.23	1,01
CS - EST. 98.36	CT+ 1002.82 CF+ 1001.62	1,20
CS - EST. 178.74	CT+ 1002.76 CF+ 1001.50	1,25
CS - EST. 99.60	CT+ 1002.74 CF+ 1001.45	1,28
CS - EST. 817.55	CT+ 1002.61 CF+ 1001.33	1,28
CS - EST. 819.61	CT+ 1002.61 CF+ 1001.40	1,20
CS - EST. 180.00	CT+ 1002.60 CF+ 1001.62	0,97
CS - EST. 218.29	CT+ 1002.47 CF+ 1001.27	1,20
CS - EST. 219.23	CT+ 1002.41 CF+ 1001.12	1,29
CS - EST. 144.66	CT+ 1002.29 CF+ 1000.59	1,70
CS - EST. 780.59	CT+ 1002.22 CF+ 1000.27	1,96
CS - EST. 781.73	CT+ 1002.22 CF+ 1001.03	1,19
CS - EST. 144.98	CT+ 1002.14 CF+ 1000.38	1,76
CS - EST. 869.32	CT+ 1002.07 CF+ 999.59	2,48
CS - EST. 867.23	CT+ 1002.06 CF+ 999.76	2,29
CS - EST. 208.16	CT+ 1001.59 CF+ 1000.38	1,20
CS - EST. 260.00	CT+ 1001.50 CF+ 1000.21	1,29
CS - EST. 740.00	CT+ 1000.96 CF+ 999.77	1,19
CS - EST. 733.76	CT+ 1000.71 CF+ 999.24	1,58
CS - EST. 300.00	CT+ 1000.61 CF+ 999.31	1,30
CS - EST. 268.94	CT+ 1000.48 CF+ 999.82	1,01
CS - EST. 640.00	CT+ 1000.13 CF+ 998.92	1,20
CS - EST. 677.38	CT+ 1000.07 CF+ 998.24	1,84
CS - EST. 638.57	CT+ 1000.03 CF+ 998.81	1,22
CS - EST. 700.00	CT+ 1000.00 CF+ 998.80	1,20
CS - EST. 327.29	CT+ 999.96 CF+ 998.75	1,20
CS - EST. 699.63	CT+ 999.95 CF+ 998.91	1,44
CS - EST. 328.18	CT+ 999.93 CF+ 998.52	1,41
CS - EST. 676.33	CT+ 999.93 CF+ 998.08	1,85
CS - EST. 600.00	CT+ 999.62 CF+ 998.00	1,62
CS - EST. 599.72	CT+ 999.46 CF+ 998.46	1,01
CS - EST. 500.10	CT+ 999.20 CF+ 998.01	1,19
CS - EST. 559.80	CT+ 999.15 CF+ 997.33	1,82
CS - EST. 309.56	CT+ 999.03 CF+ 997.83	1,20
CS - EST. 360.00	CT+ 998.97 CF+ 997.47	1,50
CS - EST. 525.71	CT+ 998.74 CF+ 997.55	1,19
CS - EST. 520.00	CT+ 998.69 CF+ 998.78	1,91
CS - EST. 481.23	CT+ 998.31 CF+ 997.12	1,19
CS - EST. 393.85	CT+ 998.25 CF+ 998.40	1,85
CS - EST. 480.20	CT+ 998.25 CF+ 996.33	1,92
CS - EST. 392.80	CT+ 998.23 CF+ 998.25	1,97
CS - EST. 448.68	CT+ 998.21 CF+ 996.16	2,05
CS - EST. 424.20	CT+ 998.17 CF+ 995.90	2,27
CS - EST. 427.28	CT+ 998.13 CF+ 996.06	2,07
CS - EST. 452.24	CT+ 998.04 CF+ 997.03	1,00

TABELA DE TUBOS DA REDE DE DRENAGEM			
TUBO	DN (m)	COMPRIMENTO (m)	DECLIVIDADE (%)
BSTC DN 0.40M CONCRETO - EST. 867.23	0.40	7.594	2.00%
BSTC DN 0.40M CONCRETO - EST. 869.32	0.40	5.422	2.00%
BSTC DN 0.40M CONCRETO - EST. 817.55	0.40	37.399	2.84%
BSTC DN 0.40M CONCRETO - EST. 780.59	0.40	47.617	2.39%
BSTC DN 0.40M CONCRETO - EST. 733.76	0.40	35.038	1.77%
BSTC DN 0.40M CONCRETO - EST. 699.63	0.40	22.322	0.50%
BSTC DN 0.40M CONCRETO - EST. 59.45	0.40	40.287	1.68%
BSTC DN 0.40M CONCRETO - EST. 99.60	0.40	45.496	1.90%
BSTC DN 0.40M CONCRETO - EST. 178.74	0.40	33.306	1.25%
BSTC DN 0.40M CONCRETO - EST. 219.23	0.40	41.135	2.21%
BSTC DN 0.40M CONCRETO - EST. 260.00	0.40	40.155	2.22%
BSTC DN 0.40M CONCRETO - EST. 300.00	0.40	28.182	2.85%
BSTC DN 0.40M CONCRETO - EST. 328.18	0.40	32.052	3.23%
BSTC DN 0.40M CONCRETO - EST. 360.00	0.40	33.847	2.57%
BSTC DN 0.40M CONCRETO - EST. 638.57	0.40	39.306	2.03%
BSTC DN 0.40M CONCRETO - EST. 600.00	0.40	40.606	1.58%

TABELA DE TUBOS DA REDE DE DRENAGEM			
TUBO	DN (m)	COMPRIMENTO (m)	DECLIVIDADE (%)
BSTC DN 0.40M CONCRETO - EST. 559.80	0.40	39.801	1.39%
BSTC DN 0.40M CONCRETO - EST. 520.00	0.40	40.028	1.13%
BSTC DN 0.40M CONCRETO - EST. 480.20	0.40	31.544	0.50%
BSTC DN 0.40M CONCRETO - EST. 448.68	0.40	21.646	0.50%
BSTC DN 0.40M CONCRETO - EST. 144.66	0.40	7.082	2.00%
BSTC DN 0.40M CONCRETO - EST. 144.98	0.40	7.102	2.00%
BSTC DN 0.40M CONCRETO - EST. 393.85	0.80	7.194	2.00%
BSTC DN 0.80M CONCRETO - EST. 392.80	0.80	5.977	2.00%
BSTC DN 0.80M CONCRETO - EST. 427.28	0.60	7.987	2.00%
BSTC DN 0.60M CONCRETO - EST. 424.20	0.60	6.718	2.00%
BSTC DN 0.60M CONCRETO - EST. 677.38	0.60	7.099	2.00%
BSTC DN 0.60M CONCRETO - EST. 676.33	0.60	5.016	2.00%
BSTC DN 0.30M CONCRETO - EST. 819.61	0.30	7.452	0.57%
BSTC DN 0.30M CONCRETO - EST. 781.73	0.30	7.241	9.93%
BSTC DN 0.30M CONCRETO - EST. 740.00	0.30	9.497	6.30%
BSTC DN 0.30M CONCRETO - EST. 700.00	0.30	7.271	3.46%

TABELA DE TUBOS DA REDE DE DRENAGEM			
TUBO	DN (m)	COMPRIMENTO (m)	DECLIVIDADE (%)
BSTC DN 0.30M CONCRETO - EST. 640.00	0.30	7.375	0.95%
BSTC DN 0.30M CONCRETO - EST. 599.72	0.30	7.031	6.46%
BSTC DN 0.30M CONCRETO - EST. 560.10	0.30	7.178	8.40%
BSTC DN 0.30M CONCRETO - EST. 520.71	0.30	7.207	10.23%
BSTC DN 0.30M CONCRETO - EST. 481.23	0.30	7.178	10.42%
BSTC DN 0.30M CONCRETO - EST. 482.24	0.30	7.866	11.07%
BSTC DN 0.30M CONCRETO - EST. 359.56	0.30	7.165	4.95%
BSTC DN 0.30M CONCRETO - EST. 327.29	0.30	7.427	2.70%
BSTC DN 0.30M CONCRETO - EST. 298.94	0.30	7.121	2.32%
BSTC DN 0.30M CONCRETO - EST. 258.16	0.30	7.613	1.80%
BSTC DN 0.30M CONCRETO - EST. 219.29	0.30	7.211	1.44%
BSTC DN 0.30M CONCRETO - EST. 180.00	0.30	7.148	0.50%
BSTC DN 0.30M CONCRETO - EST. 98.36	0.30	7.266	1.71%
BSTC DN 0.30M CONCRETO - EST. 58.27	0.30	7.139	1.56%

## CAIXA COLETORA SIMPLES



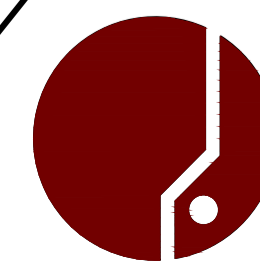
Diâmetro tubo principal	Classe	Espessura tubo	Espessura parede	Dimensões em Planta			Tampa			Laje de fundo	Consumo de Materiais					
				A	B	C	Número de Tampas	D	E		Concreto C20 (m³)	Alvenaria (m³)	Aço 6,3mm (kg)	Aço 16mm (kg)	Forma (M²)	Reboco interno (m²)
30	PS1	3,5	20	77	160	120	1	77	160	10	0,36	4,33	4,90	0,30	1,24	3,45
40	PS1	3,5	20	87	160	120	1	87	160	10	0,39	4,97	5,54	0,30	1,40	4,01
50	PS2	5	20	100	160	120	1	100	160	10	0,43	5,72	6,37	0,30	1,61	4,68
60	PS2	5,5	20	111	160	120	1	111	160	10	0,55	6,47	7,07	0,30	1,78	5,35
80	PA2	6,5	20	133	160	120	2	67	160	10	0,64	8,10	8,49	0,60	2,13	6,82
100	PA2	10	20	160	160	120	2	80	160	10	0,88	10,08	10,18	0,60	2,57	8,64
120	PA2	12	20	184	160	120	3	61	160	10	0,99	12,16	11,69	0,89	2,95	10,56
150	PA2	13	20	216	160	120	3	72	160	10	1,15	15,46	13,75	0,89	3,46	13,62

# DRENAGEM PLUVIAL

MUNICÍPIO NOVA TRENTO - SC

OBRA	CONTEÚDO	
RUA JOSÉ BATTISTI ARCHER	DETALHES DO PROJETO DE DRENAGEM	
PROJETO	APROVAÇÃO DA PREFEITURA	
VINICIUS FELLER Engenheiro Civil CREA/SC 147.982-3		

REVISÃO	DATA	FRANCHA
VERSÃO INICIAL	SET/19	04/04



ASSOCIAÇÃO DOS MUNICÍPIOS DA REGIÃO DA GRANDE FLORIANÓPOLIS  
"GRANFPOLIS"  
ASSESSORIA DE ENGENHARIA E ARQUITETURA