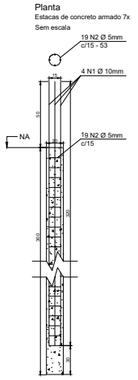
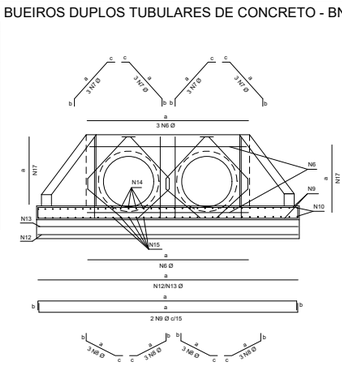
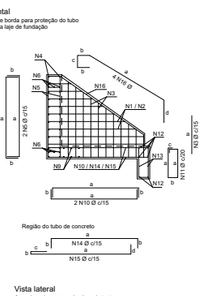
BOCAS NORMAIS COM ALAS ABERTAS ADAPTÁVEIS AOS BUEIROS DUPLOS TUBULARES DE CONCRETO - BNAA

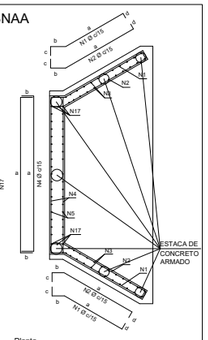
Quadro de armaduras												
Dispositivo	Adaptável em	Posição	ø (mm)	Quantidade (un)	Espaçamento (cm)	Dobra (cm)				Comp. Unitário (cm)	Comp. Total (cm)	Peso Total (kg)
						a	b	c	d			
BNAA 06	BDTC 100	N1	6,3	18	15	VAR	27	12	14	VAR	2996	7,3402
		N2	6,3	18	15	VAR	34	12	14	VAR	3122	7,6489
		N3	6,3	52	15	VAR	-	-	-	VAR	5372	13,1614
		N4 [6]	8,0	60	15	VAR	24	-	-	VAR	6746	26,6467
		N5 [6]	8,0	78	15	VAR	24	-	-	VAR	6962	27,4999
		N6	8,0	6	12	309	-	-	-	309	1854	7,3233
		N7	8,0	12	12	107	30	30	-	167	2004	7,9158
		N8	8,0	12	12	83	30	30	-	143	1716	6,7782
		N9	8,0	20	15	VAR	19	-	-	VAR	9012	35,5974
		N10	8,0	46	15	VAR	19	-	-	VAR	8720	34,4440
		N11	6,3	26	20	59	19	9	-	174	4524	11,0838
		N12	10,0	6	-	505	-	-	-	505	3030	18,6951
		N13	6,3	2	-	505	-	-	-	505	1010	2,4745
		N14	8,0	10	15	169	19	-	-	207	2070	8,1765
		N15	8,0	10	15	199	8	24	19	250	2500	9,8750
		N16	6,3	4	-	227	27	25	50	356	1426	3,4937
		N17	8,0	12	12	161	-	-	-	161	1932	7,6314

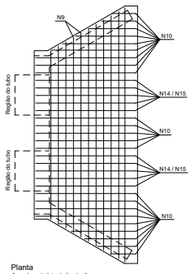
Resumo aço total	Dispositivo	Adaptável em	ø (mm)	Comprimento (cm)	Peso (kg/un)	Peso Total (kg/un)
	BNAA 06	BDTC 100	6,3	18450	45,2025	235,7858
			8,0	43516	171,8882	
			10,0	3030	18,6951	
	BNAA 07	BDTC 120	6,3	22104	54,1548	358,5260
			8,0	27974	110,4973	
			10,0	31422	193,8738	
	BNAA 08	BDTC 150	6,3	8472	20,7564	581,3341
			8,0	74945	296,0328	
			10,0	42876	264,5486	





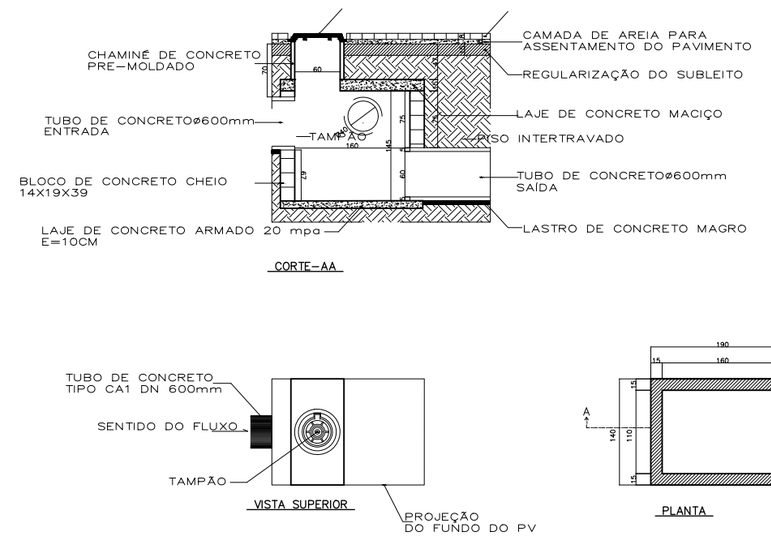




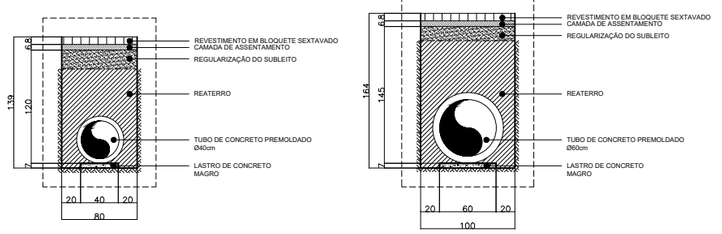


BNAA 06
SEM ESCALA

POÇO DE VISITA

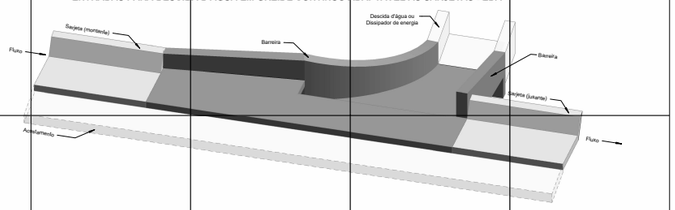


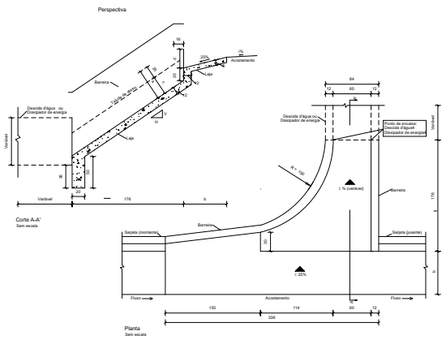
POÇO DE VISITA
SEM ESCALA



SECÇÃO TRANSVERSAL – DRENAGEM
SEM ESCALA

ENTRADAS PARA DESCIDA D'ÁGUA EM GREIDE CONTÍNUO ADAPTÁVEL ÀS SARJETAS - EDA

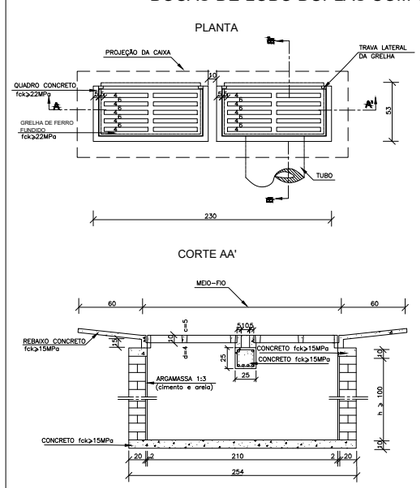




Consumos médios*									
Entrada d'água	Adaptável em	a (cm)	b (cm)	c (cm)	d (cm)	Escavação (m3/un)	Apiloamento (m3/un)	Fôrma (m2/un)	Concreto fck ≥ 20 MPa (m3/un)
EDA 07 A	STC 73-15 STC 80-15	30	65	10	10	0,9110	5,3850	4,3748	0,8822
EDA 08 A	STC 80-17	30	68	10	10	0,9201	5,4987	4,3748	0,8913
EDA 09 A	STC 88-20	30	80	10	10	0,9479	5,8450	4,3748	0,9190
EDA 10 A	STC 100-20	30	80	10	10	0,9534	5,9143	4,3748	0,9246
EDA 11 A	STC 100-21	30	86	10	10	0,9659	6,0713	4,3748	0,9371
EDA 12 A	STC 73-15 STC 80-15	50	65	30	30	1,4931	5,3850	6,7711	1,0247
EDA 13 A	STC 80-17	50	68	30	30	1,5022	5,4987	6,7711	1,0338
EDA 14 A	STC 88-20	50	80	30	30	1,5299	5,8450	6,7711	1,0615
EDA 15 A	STC 100-20	50	80	30	30	1,5355	5,9143	6,7711	1,0671
EDA 16 A	STC 100-21	50	86	30	30	1,5480	6,0713	6,7711	1,0796

ENTRADA PARA DESCIDA D'ÁGUA
SEM ESCALA

BOCAS-DE-LOBO DUPLAS COM GRELHA DE FERRO FUNDIDO



BL DUPLA
SEM ESCALA

TÍTULO: PAVIMENTAÇÃO DA RUA EUGÊNIA CORREIA DA CRUZ		FORMATO: A3
ENDEREÇO: SÃO JOSÉ DO PEIXE - INHAPIM-MG		PRANCHA: 03/03
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RESP. TEC. CAIO HENRIQUE DA SILVA CARVALHO:11539511693 Assinado de forma digital por CAIO HENRIQUE DA SILVA CARVALHO:11539511693 Dados: 2026.08.23 21:51:41 -03'00'	CAIO HENRIQUE DA SILVA CARVALHO ENGENHEIRO CIVIL	CREA: 240.713/D
OBS: DETALHAMENTOS GERAIS – DISPOSITIVOS DE DRENAGEM		
ESCALA: INDICADAS	ART: MG20265215650	DATA: 08/2026 / DES: