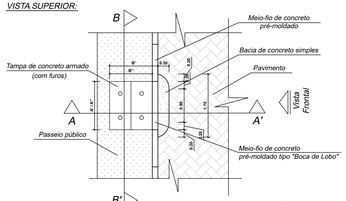
01 DETALHES
Sem Escala

DETALHAMENTO CAIXA COM MEIO-FIO BOCA DE LOBO:
ALVENARIA DE TIJOLOS MAÇIÇOS

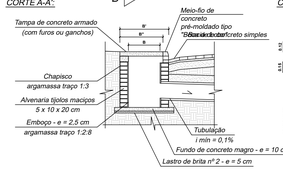
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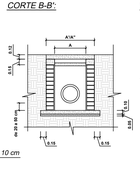
TAMPAS DE CONCRETO ARMADO:



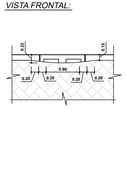
CORTE A-A':



CORTE B-B':

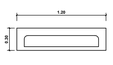


VISTA FRONTAL:



DETALHE MEIO-FIO BOCA DE LOBO:

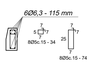
VISTA FRONTAL:



VISTA LATERAL:



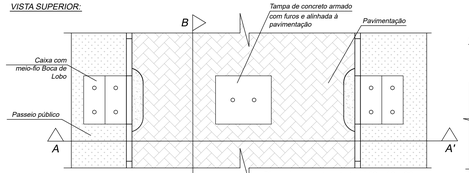
CORTE A-A':



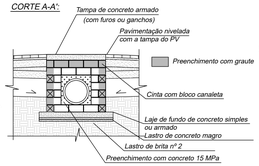
DIMENSÕES E ARMADURAS - CAIXAS COM BOCA DE LOBO									
Nome	DN ϕ	Dimensões internas (cm)		Dimensões externas (cm)		Dimensões tampa (cm)		Armaduras tampa	
	(cm)	A	B	A'	B'	A''	B''	N1	N2
BL1	40	90	90	130	130	130	115	7ϕ6,3c.15 - 123	8ϕ6,3c.15 - 108
BL2	60	110	90	150	130	150	115	7ϕ6,3c.15 - 143	10ϕ6,3c.15 - 108
BL3	80	120	90	160	130	160	115	7ϕ6,3c.15 - 153	11ϕ6,3c.15 - 108
BL4	100	150	90	190	130	190	115	13ϕ6,3c.15 - 183	13ϕ6,3c.15 - 108
BL5	2X40	160	90	200	130	2x100	115	7ϕ6,3c.15 - 93	7ϕ6,3c.15 - 108

DETALHAMENTO GERAL POÇOS DE VISITA:
ALVENARIA ESTRUTURAL DE BLOCOS DE CONCRETO

VISTA SUPERIOR:



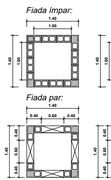
CORTE A-A':



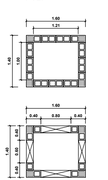
Bloco de concreto estrutural 19 x 19 x 39 cm
fbk mín = 6,00 MPa
Modulação - M = 20 cm
cobrimento = 4,5 / 5,0 cm

PV1 e PV2:
PAGINAÇÃO FIADAS:

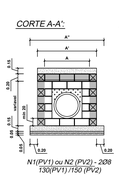
PV1:



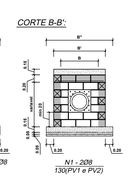
PV2:



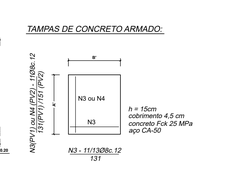
CORTE A-A':



CORTE B-B':

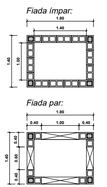


TAMPAS DE CONCRETO ARMADO:

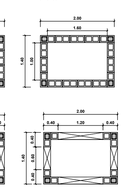


PV3 e PV4:
PAGINAÇÃO FIADAS:

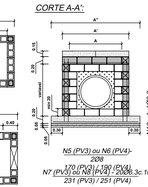
PV3:



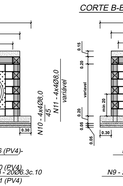
PV4:



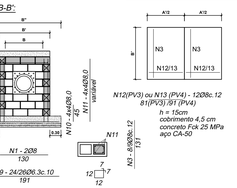
CORTE A-A':



CORTE B-B':

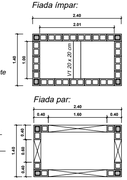


TAMPAS DE CONCRETO ARMADO:

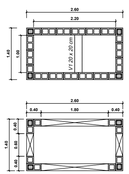


PV5 e PV6:
PAGINAÇÃO FIADAS:

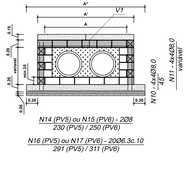
PV5:



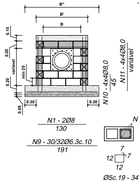
PV6:



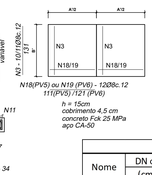
CORTE A-A':



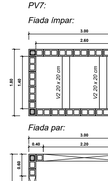
CORTE B-B':



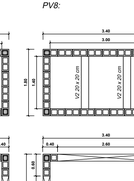
TAMPAS DE CONCRETO ARMADO:



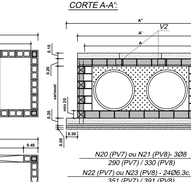
PV7 e PV8:
PV7:



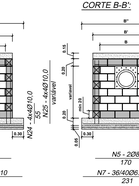
PV8:



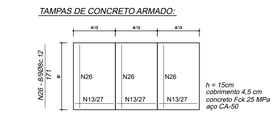
CORTE A-A':



CORTE B-B':



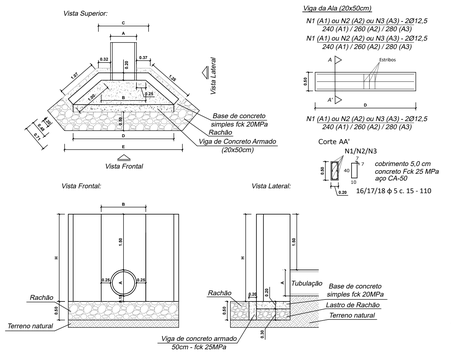
TAMPAS DE CONCRETO ARMADO:



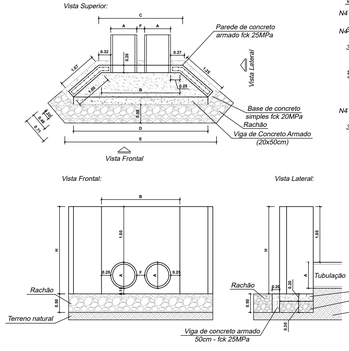
DIMENSÕES - POÇOS DE VISITA									
Nome	DN ϕ	Dimensões internas (cm)		Dimensões externas (cm)		Dimensões tampa (cm)		Dimensões laje de fundo	
	(cm)	A	B	A'	B'	A'	B'	A'''	B'''
PV1	40	100	100	140	140	140	140	180	180
PV2	60	120	100	160	140	160	140	200	180
PV3	80	140	100	180	140	2x90	140	240	200
PV4	100	160	100	200	140	2x100	140	260	200
PV5	2X40	200	100	240	140	2X120	140	300	200
PV6	2X60	220	100	260	140	2X130	140	320	200
PV7	2X80	260	140	300	180	3X100	180	360	240
PV8	2X100	300	140	340	180	3X113	180	400	240
PV9	100X100	220	140	260	180	2X130	180	320	240
PV10	150X100	280	140	320	180	3X106	180	380	240
PV11	200X100	320	140	360	180	3X120	180	420	240

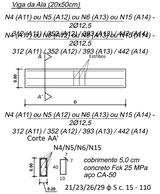
N	ϕ	cm
N1	8	130
N2	8	150
N3	8	131
N4	8	151
N5	8	170
N6	8	190
N7	6,3	231
N8	6,3	251
N9	6,3	191
N10	8	45
N11	8	variável
N12	8	81
N13	8	91
N14	8	230
N15	8	250
N16	6,3	291
N17	6,3	311
N18	8	111
N19	8	121
N20	8	290
N21	8	330
N22	6,3	351
N23	6,3	391
N24	10	55
N25	10	variável
N26	8	171
N27	8	104
N28	8	310
N29	8	350
N30	6,3	371
N31	6,3	411
N32	8	97

DETALHAMENTO ALAS DE ALVENARIA DE TIJOLOS MACIÇOS:
Alas tipo A1, A2 e A3:

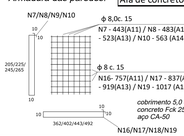


DETALHAMENTO ALAS DE CONCRETO ARMADO:
Alas tipo A11, A12, A13 e A14:





Armadura das paredes:



DIMENSÕES - ALAS DE ALVENARIA E DE CONCRETO ARMADO								
Nome	DN ϕ	A	B	C	D	E	F	H
	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)
Ala de alvenaria - A1	40	50	100	115	250	296	-	215
Ala de alvenaria - A2	60	70	120	135	270	316	-	235
Ala de alvenaria - A3	80	90	140	155	290	336	-	255
Ala de alvenaria - A4	2x40	50	172	187	322	368	22	215
Ala de alvenaria - A5	2x60	70	212	227	362	408	22	235
Ala de alvenaria - A6	2x80	90	253	268	403	449	23	255
Ala de concreto armado - A7	40	50	100	115	250	296	-	215
Ala de concreto armado - A8	60	70	120	135	270	316	-	235
Ala de concreto armado - A9	80	90	140	155	290	336	-	255
Ala de concreto armado - A10	100	110	160	175	310	356	-	275
Ala de concreto armado - A11	2X40	50	172	187	322	368	22	215
Ala de concreto armado - A12	2X60	70	212	227	362	408	22	235
Ala de concreto armado - A13	2X80	90	253	268	403	449	23	255
Ala de concreto armado - A14	2X100	110	302	317	452	498	32	275
Ala de concreto armado - A15	100 X 100	130	180	195	330	376	-	265
Ala de concreto armado - A16	150 X 100	180	230	245	380	426	-	265
Ala de concreto armado - A17	200 X 100	230	280	295	430	476	-	265

PREFEITURA MUNICIPAL DO RIO GRANDE
GABINETE DE PROGRAMAS E PROJETOS ESPECIAIS

AVENIDA ATLÂNTICA
PROJETO DE INFRAESTRUTURA
BAIRRO QUERÊNCIA

PROJETO DE PAVIMENTAÇÃO E DRENAGEM
DETALHES

GPPE 09.2023

ENGª. BÁRBARA LOTHAMER PEIXE
CREA RS202828

GILBERTO ARABIDIAN JUNIOR
CHEFE DE GABINETE DE PROGRAMAS E PROJETOS ESPECIAIS

08/08
ESCALA INDICADA