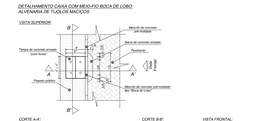
1 Detalhamentos - BLs, PVs e Alas

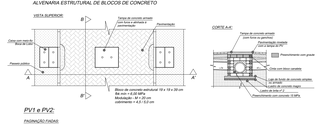
Sem escala

DETALHAMENTO CAIXA COM MEIO-FIO BOCA DE LOBO
ALVENARIA DE TIJOLOS MACIÇOS

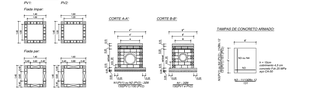


Nome	DN ø (cm)	Dimensões internas (cm)		Dimensões externas (cm)		Dimensões tampa (cm)		Armaduras tampa	
		A	B	A'	B'	A''	B''	N1	N2
BL1	40	90	90	130	130	100	115	5ø6.3c.15 - 15	8ø6.3c.15 - 10
BL2	40	120	90	160	130	100	115	7ø6.3c.15 - 15	8ø6.3c.15 - 10
BL3	40	150	90	190	130	100	115	9ø6.3c.15 - 15	8ø6.3c.15 - 10
BL4	60	120	90	160	130	100	115	7ø6.3c.15 - 15	8ø6.3c.15 - 10
BL5	2x40	160	90	200	130	3x100	115	5ø6.3c.15 - 15	8ø6.3c.15 - 10
BL6	2x60	200	90	240	130	3x120	115	6ø6.3c.15 - 15	8ø6.3c.15 - 10
BL7	2x80	245	90	285	130	3x145	115	7ø6.3c.15 - 15	8ø6.3c.15 - 10
BL8	60x100	120	120	160	160	2x80	145	5ø6.3c.15 - 15	5ø6.3c.15 - 13
BL9	60x150	120	150	160	190	2x80	175	5ø6.3c.15 - 15	5ø6.3c.15 - 13
BL10	80x100	120	120	160	160	2x80	145	5ø6.3c.15 - 15	5ø6.3c.15 - 13

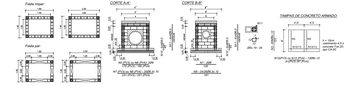
DETALHAMENTO GERAL POÇOS DE VISITA
ALVENARIA ESTRUTURAL DE BLOCOS DE CONCRETO



PV1 e PV2:

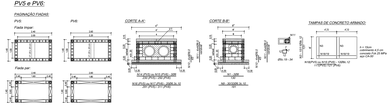


PV3 e PV4:

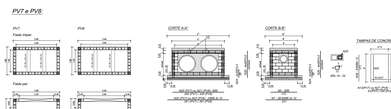


Nome	DN ø	Dimensões internas (cm)		Dimensões externas (cm)		Dimensões tampa (cm)		Dimensões laje de fundo	
		A	B	A'	B'	A''	B''	A'''	B'''
PV1	60	120	100	160	140	100	140	160	180
PV2	60	120	100	160	140	100	140	200	180
PV3	80	120	100	160	140	100	140	240	200
PV4	100	160	100	200	140	3x100	140	260	200
PV5	2x60	200	100	240	140	3x120	140	300	200
PV6	2x80	240	100	280	140	3x140	140	340	200
PV7	2x90	260	140	300	180	3x150	180	360	240
PV8	3x100	300	140	340	180	3x170	180	400	240
PV9	100X100	220	140	260	180	3x130	180	320	240
PV10	150X100	280	140	320	180	3x160	180	380	240
PV11	200X100	320	140	360	180	3x120	180	420	240
PV12	80 x 80	140	140	180	180	2x80	180	220	240
PV13	80 x 80	140	140	180	180	2x80	180	220	240

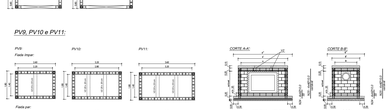
PV5 e PV6:



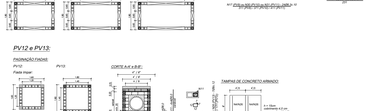
PV7 e PV8:



PV9, PV10 e PV11:



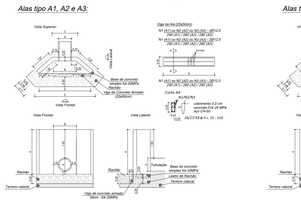
PV12 e PV13:



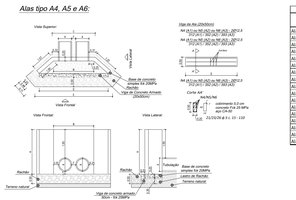
N	Ø	cm
N1	12,5	240
N2	8	160
N3	8	121
N4	8	212
N5	8	192
N6	8	172
N7	6,3	231
N8	6,3	251
N9	6,3	101
N10	8	variável
N11	8	85
N12	8	85
N13	8	51
N14	8	250
N15	8	250
N16	6,3	291
N17	6,3	311
N18	8	111
N19	8	111
N20	8	85
N21	8	85
N22	6,3	351
N23	6,3	391
N24	10	51
N25	10	variável
N26	8	171
N27	8	104
N28	8	104
N29	8	171
N30	6,3	331
N31	6,3	411
N32	6,3	211
N33	8	111

DETALHAMENTO ALAS DE ALVENARIA DE TIJOLOS MACIÇOS:

Alas tipo A1, A2 e A3:



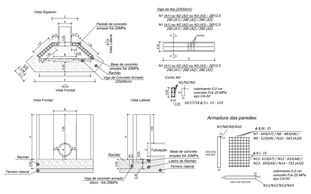
Alas tipo A4, A5 e A6:



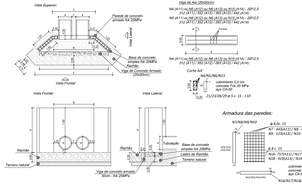
DIMENSÕES - ALAS DE ALVENARIA E DE CONCRETO ARMADO								
Nome	DN ø	A	B	D	E	F	H	
	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	
Ala de alvenaria - A1		40	50	320	115	250	256	-	225
Ala de alvenaria - A2		60	70	320	135	270	316	-	235
Ala de alvenaria - A3		80	90	340	155	290	336	-	255
Ala de alvenaria - A4		2x40	50	172	167	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	320	115	250	256	-	225
Ala de concreto armado - A8		60	70	320	135	270	316	-	235
Ala de concreto armado - A9		80	90	340	155	290	336	-	255
Ala de concreto armado - A10		100	110	360	175	310	356	-	275
Ala de concreto armado - A11		2x40	50	172	167	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	195	190	276	265	-	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

DETALHAMENTO ALAS DE CONCRETO ARMADO:

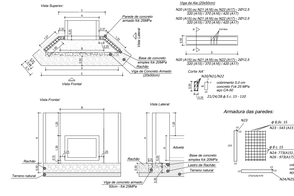
Alas tipo A7, A8, A9 e A10:



Alas tipo A11, A12, A13 e A14:



Alas tipo A15, A16 e A17:



N	Ø	cm
N1	12,5	240
N2	12,5	280
N3	12,5	280
N4	12,5	312
N5	12,5	352
N6	12,5	393
N7	8	441
N8	8	483
N9	8	523
N10	8	563
N11	8	613
N12	8	653
N13	8	693
N14	8	733
N15	12,5	441
N16	8	757
N17	8	837
N18	8	919
N19	8	1017
N20	12,5	330
N21	12,5	370
N22	12,5	420
N23	12,5	545
N24	8	773
N25	8	853
N26	8	973

PREFEITURA MUNICIPAL DO RIO GRANDE

GABINETE DE PROGRAMAS E PROJETOS ESPECIAIS

RUAS BAIRRO MANGUEIRA

PROJETO DE INFRAESTRUTURA

RUAS RUBENS MARTINS, AUGUSTO MAIA, JOÃO COLINS E OTEIRO GONÇALVES

PROJETO DE DRENAGEM E PAVIMENTAÇÃO

PLANTA DE DETALHES

GPPE 11.2023

Responsável Técnico:
ENG. PAULA MESQUITA AUCHIOVSKI
CREA 060.030.978-0 SP
Visto: 5.612.829/21-MG/CAU/BR
Verifique em https://validar.iti.gov.br

ENGª. ANA PAULA MESQUITA CICHOWSKI
CREA 060030/D

GILBERTO ARABIDIAN JUNIOR
CHEFE DE GABINETE DE PROGRAMAS E PROJETOS ESPECIAIS

08/08

ESCALA INDICADA