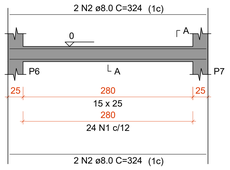
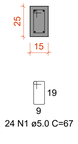
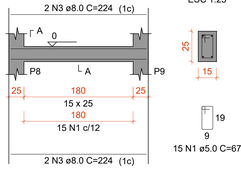
VB1
ESC 1:50



SEÇÃO A-A
ESC 1:25

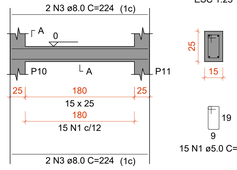


VB2
ESC 1:50



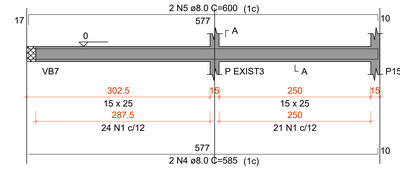
SEÇÃO A-A
ESC 1:25

VB3
ESC 1:50

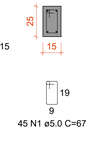


SEÇÃO A-A
ESC 1:25

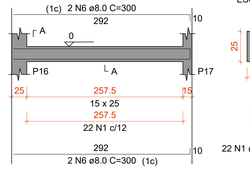
VB4
ESC 1:50



SEÇÃO A-A
ESC 1:25

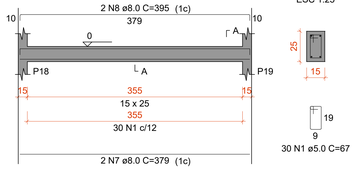


VB5
ESC 1:50



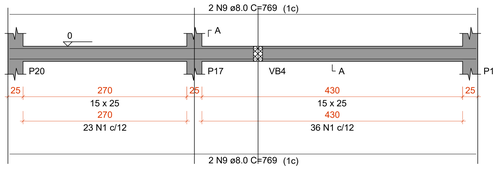
SEÇÃO A-A
ESC 1:25

VB6
ESC 1:50

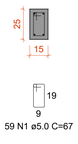


SEÇÃO A-A
ESC 1:25

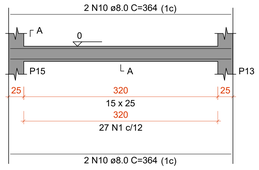
VB7
ESC 1:50



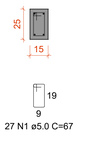
SEÇÃO A-A
ESC 1:25



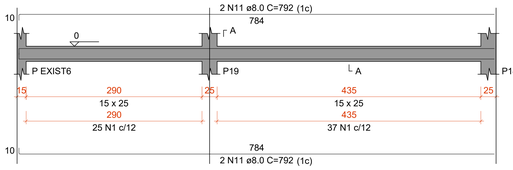
VB8
ESC 1:50



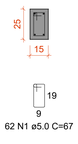
SEÇÃO A-A
ESC 1:25



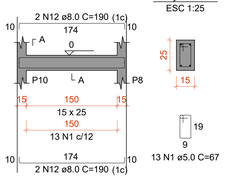
VB9
ESC 1:50



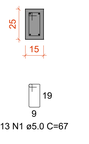
SEÇÃO A-A
ESC 1:25



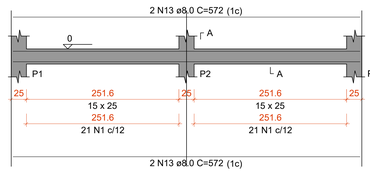
VB10
ESC 1:50



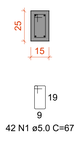
SEÇÃO A-A
ESC 1:25



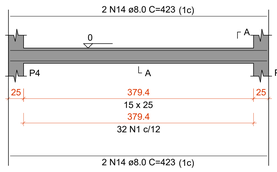
VBMURRO1
ESC 1:50



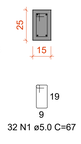
SEÇÃO A-A
ESC 1:25



VBMURRO2
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

VB1	VB2	VB3
VB4	VB5	VB6
VB7	VB8	VB9
VB10	VBMURRO1	VBMURRO2

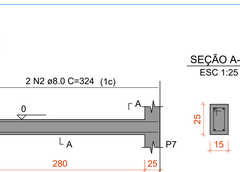
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	386	67	25862
CA50	2	8.0	4	324	1296
	3	8.0	8	224	1792
	4	8.0	2	585	1170
	5	8.0	2	600	1200
	6	8.0	4	300	1200
	7	8.0	2	379	758
	8	8.0	2	395	790
	9	8.0	4	769	3076
	10	8.0	4	364	1456
	11	8.0	4	792	3168
	12	8.0	4	190	760
	13	8.0	4	572	2288
	14	8.0	4	423	1692

RESUMO DO AÇO

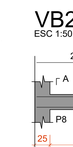
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	206.5	89.6
CA60	5.0	258.6	43.8
PESO TOTAL (kg)			
CA50	89.6		
CA60	43.8		

Volume de concreto (C-25) = 1.72 m³
Área de forma = 29.90 m²

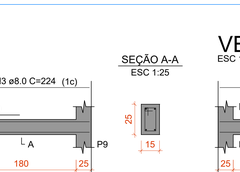
VC1
ESC 1:50



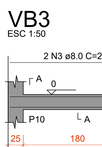
SEÇÃO A-A
ESC 1:25



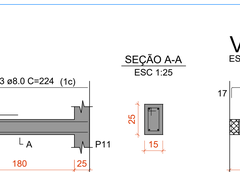
VC2
ESC 1:50



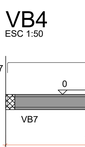
SEÇÃO A-A
ESC 1:25



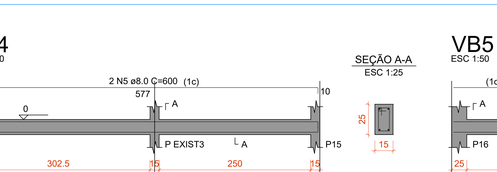
VC3
ESC 1:50



SEÇÃO A-A
ESC 1:25

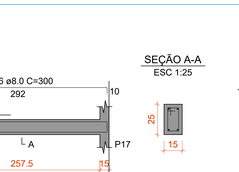


VC4
ESC 1:50

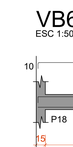


SEÇÃO A-A
ESC 1:25

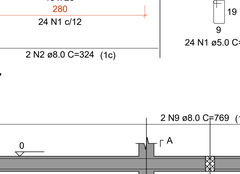
VC5
ESC 1:50



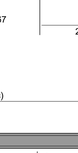
SEÇÃO A-A
ESC 1:25



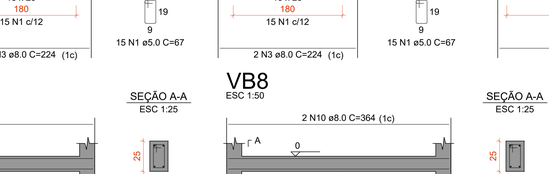
VC6
ESC 1:50



SEÇÃO A-A
ESC 1:25

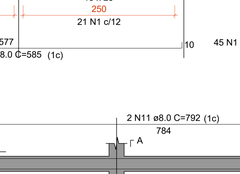


VC7
ESC 1:50



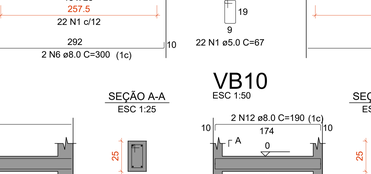
SEÇÃO A-A
ESC 1:25

VC8
ESC 1:50



SEÇÃO A-A
ESC 1:25

VC9
ESC 1:50



SEÇÃO A-A
ESC 1:25

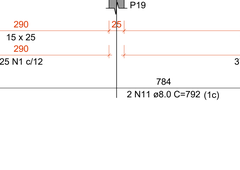
VC10
ESC 1:50

SEÇÃO A-A
ESC 1:25

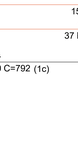
VC11
ESC 1:50

SEÇÃO A-A
ESC 1:25

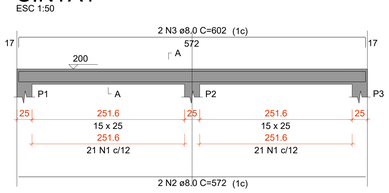
VC12
ESC 1:50



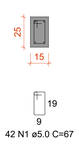
SEÇÃO A-A
ESC 1:25



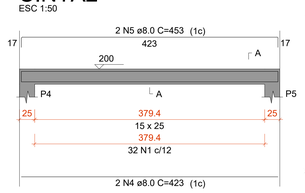
CINTA1
ESC 1:50



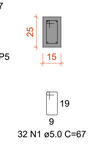
SEÇÃO A-A
ESC 1:25



CINTA2
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

CINTA1	CINTA2	VC1
VC2	VC3	VC4
VC5	VC6	VC7
VC8	VC9	VC10
VC11	VC12	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	437	67	29279
CA50	2	8.0	2	572	1144
	3	8.0	2	602	1204
	4	8.0	2	423	846
	5	8.0	2	453	906
	6	8.0	4	324	1296
	7	8.0	4	354	1416
	8	8.0	4	224	896
	9	8.0	4	254	1016
	10	8.0	2	585	1170
	11	8.0	2	607	1214
	12	8.0	2	300	600
	13	8.0	2	322	644
	14	8.0	2	379	758
	15	8.0	2	409	818
	16	8.0	2	769	1538
	17	8.0	2	799	1598
	18	8.0	4	364	1456
	19	8.0	4	394	1576
	20	8.0	2	792	1584
	21	8.0	2	814	1628
	22	8.0	2	190	380
	23	8.0	2	204	408

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	241	104.6
CA60	5.0	292.8	49.6
PESO TOTAL (kg)			
CA50	104.6		
CA60	49.6		

Volume de concreto (C-25) = 1.95 m³
Área de forma = 33.80 m²

ESTRUTURAL

04/04

OBRA: REFORMA DO PRÉDIO DA ANTIGA EXTENSÃO DO DOM JAIME DE CRISTALÂNDIA – TO
PROPRIETÁRIO: FUNDO MUNICIPAL DE EDUCACAO - FME
LOCAL: RUA 13, QUADRA 08 - ESC. MUNICIPAL DOM JAIME ANTONIO SCHUCK II

CONSULTORIA E CONSTRUÇÕES

PROPRIETÁRIO		ASS. :
CPF: 18.138.175/0001-25		FUNDO MUNICIPAL DE EDUCACAO - FME
AUTOR DO PROJETO		ASS. : Matheus Dias dos Santos Alves
CREA: 311272/AP-TO		Eng.º Civil: MATEUS DIAS DOS SANTOS ALVES
ART.		
RESP.TÉCNICO		ASS. :
CREA:		Eng.º Civil:
ART.		
FIRMA RESP.		ASS. :
CREA:		
ART.		

ESCALA:	DATA:	CONFERIDO:	CADASTRADO:	CAD:
INDICADA	Março/2025			MATEUS DIAS

CONTEÚDO:
- DET. VB
- DET. VC

ISO - A1 (841X594)