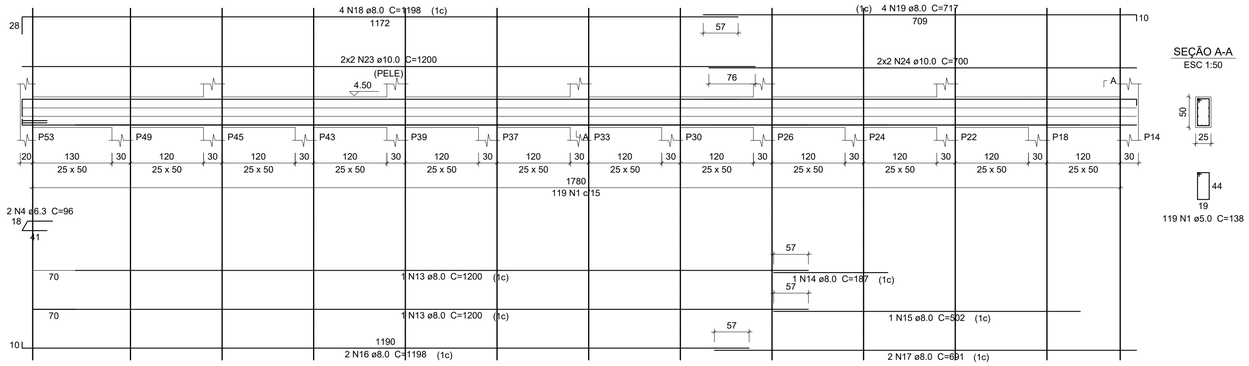
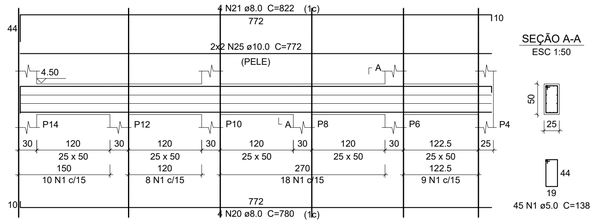
V22 (25 x 50)
ESC 1:50



V23 (25 x 50)
ESC 1:50



Relação do aço

V22	V23	V25
V26	V27	V28
V29	V30	V31
V32	V33	V34
V35	V36	V37
V38	V39	V40
V41	V42	V43
V44		

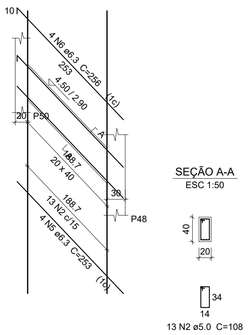
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	164	138	22632
	2	5.0	206	108	22248
	3	5.0	37	118	4366
CA50	4	6.3	2	96	192
	5	6.3	4	253	1012
	6	6.3	4	256	1024
	7	6.3	52	246	12792
	8	6.3	12	263	3156
	9	6.3	9	111	999
	10	6.3	28	256	7168
	11	6.3	8	258	2064
	12	6.3	8	259	2072
	13	8.0	2	1200	2400
	14	8.0	1	187	187
	15	8.0	1	502	502
	16	8.0	2	1198	2396
	17	8.0	2	691	1382
	18	8.0	4	1198	4792
	19	8.0	4	717	2868
	20	8.0	4	780	3120
	21	8.0	4	822	3288
	22	8.0	12	262	3144
	23	10.0	4	1200	4800
	24	10.0	4	700	2800
	25	10.0	4	772	3088
	26	10.0	2	278	556
	27	10.0	2	253	506
	28	10.0	2	290	580
	29	10.0	4	246	984
	30	10.0	2	284	568
	31	10.0	2	260	520

Resumo do aço

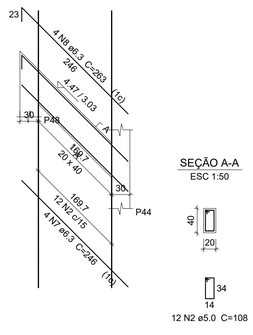
AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	304.8	74.7
	8.0	240.8	95.2
	10.0	144.1	88.9
CA60	5.0	492.5	75.9
PESO TOTAL			
CA50	258.8		
CA60	75.9		

Vol. de concreto total (C-25) = 6.25 m³
Área de forma total = 68.84 m²

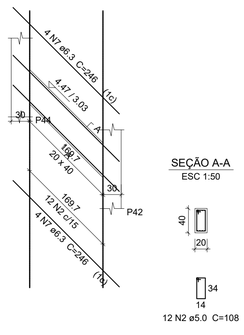
V25 (20 x 40)
ESC 1:50



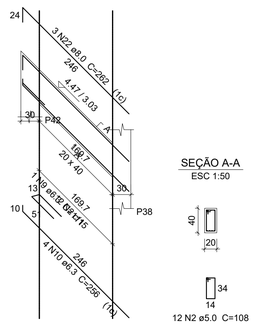
V26 (20 x 40)
ESC 1:50



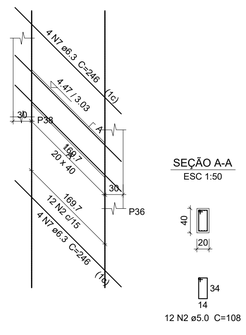
V27 (20 x 40)
ESC 1:50



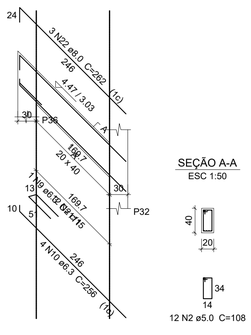
V28 (20 x 40)
ESC 1:50



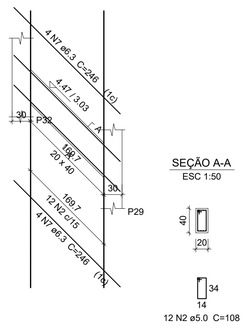
V29 (20 x 40)
ESC 1:50



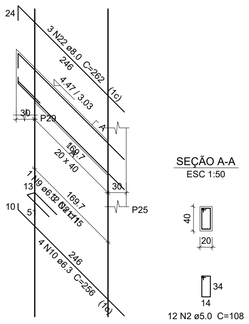
V30 (20 x 40)
ESC 1:50



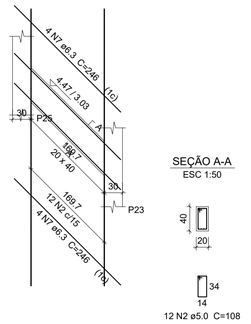
V31 (20 x 40)
ESC 1:50



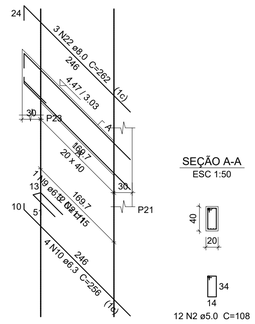
V32 (20 x 40)
ESC 1:50



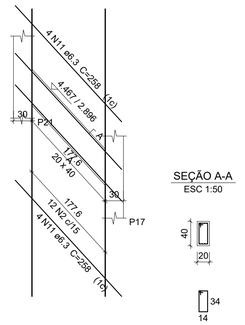
V33 (20 x 40)
ESC 1:50



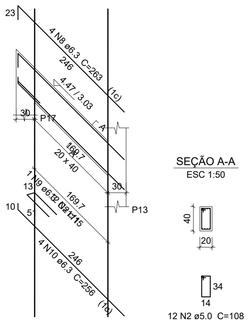
V34 (20 x 40)
ESC 1:50



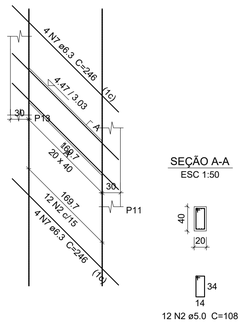
V35 (20 x 40)
ESC 1:50



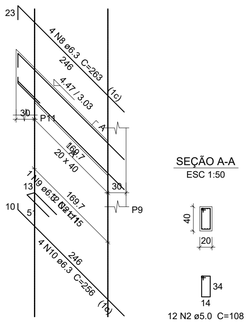
V36 (20 x 40)
ESC 1:50



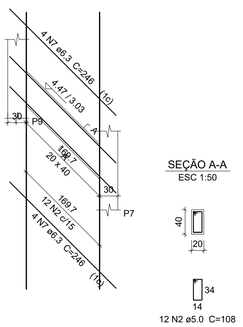
V37 (20 x 40)
ESC 1:50



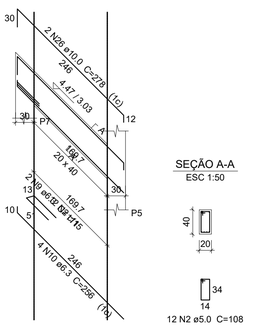
V38 (20 x 40)
ESC 1:50



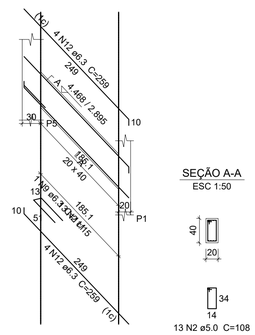
V39 (20 x 40)
ESC 1:50



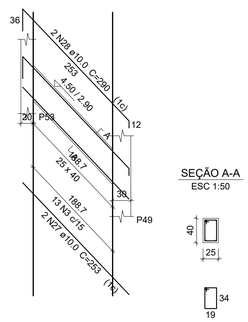
V40 (20 x 40)
ESC 1:50



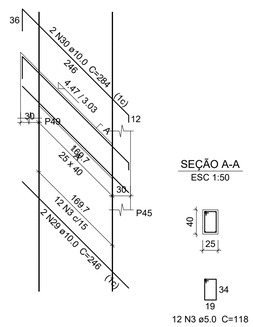
V41 (20 x 40)
ESC 1:50



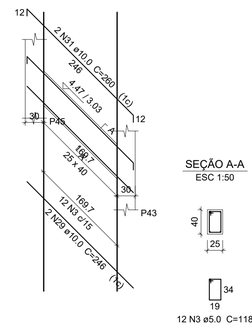
V42 (25 x 40)
ESC 1:50



V43 (25 x 40)
ESC 1:50



V44 (25 x 40)
ESC 1:50



ESTADO DE MATO GROSSO
PREFEITURA MUNICIPAL DE BARRA DO GARÇAS
CNPJ 03.439.239/0001-50
Rua Carajás, 522 centro - Barra do Garças MT - CEP 78.600-000

SECRETARIA MUNICIPAL DE PLANEJAMENTO URBANO E OBRAS

Prancha: 10/15

COORDENADAS: 15°53'44.70"S 52°16'28.40"O

Obra : CONSTRUÇÃO DE SALA DE TIROS DO CENTRO INTEGRADO DE CAPACITAÇÃO POLICIAL

APROVAÇÃO

Conteúdo : PROJETO ESTRUTURAL - DETALHAMENTO DE VIGAS DO PAV. NÍVEL 2

Local : 2º BATALHÃO DE POLÍCIA MILITAR - BARRA DO GARÇAS
RUA FRANCISCO LIRA, BAIRRO SENA MARQUES-BARRA DO GARÇAS/MT

Propriedade : Prefeitura Municipal Barra do Garças

Autor do projeto:
Documento assinado digitalmente
gov.br
MAIRA CAROLINA MORAES LOPES
Data: 17/07/2024 13:49:52-0300
Verifique em https://validar.iti.gov.br

Responsável Técnico

Área à Ampliar: 268,06 m²

Escala : Indicadas

Data : Agosto/2021

Folha: A1