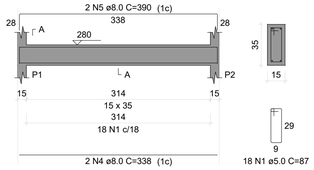
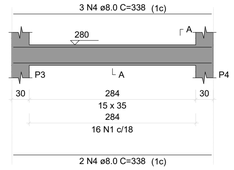
V1
ESC 1:50

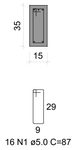


SEÇÃO A-A
ESC 1:25

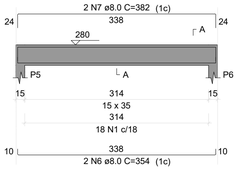
V2
ESC 1:50



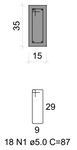
SEÇÃO A-A
ESC 1:25



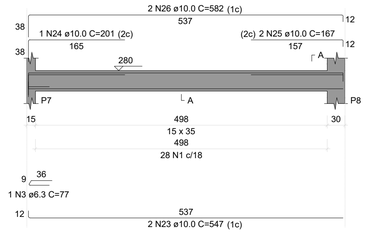
V3
ESC 1:50



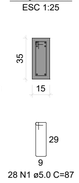
SEÇÃO A-A
ESC 1:25



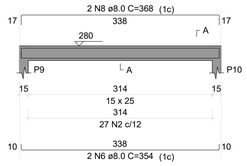
V4
ESC 1:50



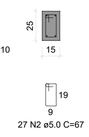
SEÇÃO A-A
ESC 1:25



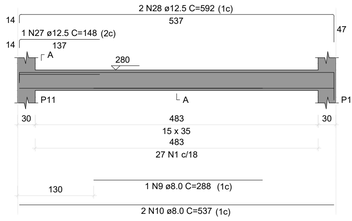
V5
ESC 1:50



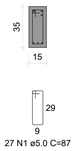
SEÇÃO A-A
ESC 1:25



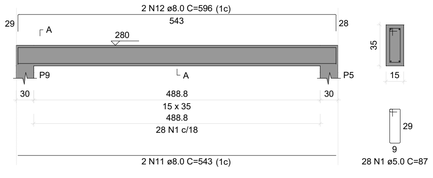
V6
ESC 1:50



SEÇÃO A-A
ESC 1:25

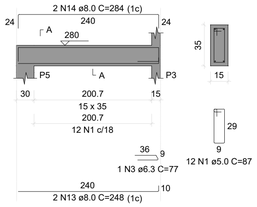


V7
ESC 1:50



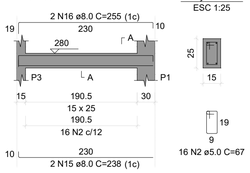
SEÇÃO A-A
ESC 1:25

V8
ESC 1:50



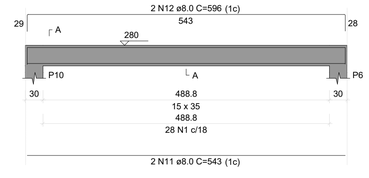
SEÇÃO A-A
ESC 1:25

V9
ESC 1:50

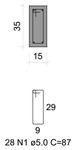


SEÇÃO A-A
ESC 1:25

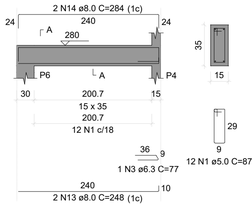
V10
ESC 1:50



SEÇÃO A-A
ESC 1:25

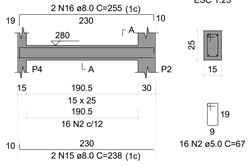


V11
ESC 1:50



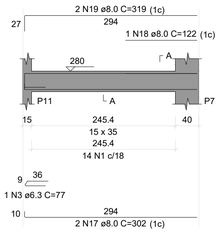
SEÇÃO A-A
ESC 1:25

V12
ESC 1:50

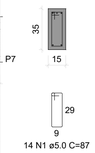


SEÇÃO A-A
ESC 1:25

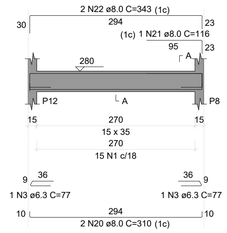
V13
ESC 1:50



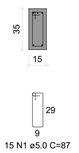
SEÇÃO A-A
ESC 1:25



V14
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

V1 V2 V3
V4 V5 V6
V7 V8 V9
V10 V11 V12
V13 V14

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	216	87	18792
	2	5.0	59	67	3953
CA50	3	6.3	6	77	462
	4	8.0	7	338	2366
	5	8.0	2	390	780
	6	8.0	4	354	1416
	7	8.0	2	382	764
	8	8.0	2	368	736
	9	8.0	1	288	288
	10	8.0	2	537	1074
	11	8.0	4	543	2172
	12	8.0	4	596	2384
	13	8.0	4	248	992
	14	8.0	4	284	1136
	15	8.0	4	238	952
	16	8.0	4	255	1020
	17	8.0	2	302	604
	18	8.0	1	122	122
	19	8.0	2	319	638
	20	8.0	2	310	620
	21	8.0	1	116	116
	22	8.0	2	343	686
	23	10.0	2	547	1094
	24	10.0	1	201	201
	25	10.0	2	167	334
	26	10.0	2	582	1164
	27	12.5	1	148	148
	28	12.5	2	592	1184

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	4.6	1.2
	8.0	188.7	81.9
	10.0	27.9	18.9
	12.5	13.3	14.1
CA60	5.0	227.5	38.6

PESO TOTAL (kg)	
CA50	116.2
CA60	38.6

Volume de concreto (C-25) = 2.25 m³
Área de forma = 33.74 m²

MARCOS AURELIO DE PAIVA REGO:50334409420

Assinado de forma digital por MARCOS AURELIO DE PAIVA REGO:50334409420
Dados: 2025.11.28 16:20:17 -03'00'

gov.br Documento assinado digitalmente
JOSE AROLDO QUEIROGA DE MORAIS
Data: 28/11/2025 16:28:38-0300
Verifique em https://validar.iti.gov.br

Propietário: Consórcio Intermunicipal Multifinalitário dos Municípios do Oeste Potiguar – CIMOP

Autor: JOSÉ AROLDO QUEIROGA DE MORAIS
Eng. Civil CREARN 210.417.062-1

Execução:

Fiscalização:

Título:
PROJETO DE ESTRUTURAS PARA CONSTRUÇÃO DE GAPÃO DE TRIAGEM

Endereço:
RIO GRANDE DO NORTE

Conteúdo:
DETALHAMENTO VIGAS – REFEITORIO E GUARITA

Prancha:
12/14

Desenho:
Aroldo Queiroga

Escalas:
INDICADAS

Data:
NOV/2025

Modificação:

Observação:

DIREITOS AUTORAIS RESERVADOS: PROIBIDA QUALQUER MODIFICAÇÃO NO TODO OU EM PARTE, SEM AUTORIZAÇÃO POR ESCRITO DO AUTOR DO PROJETO