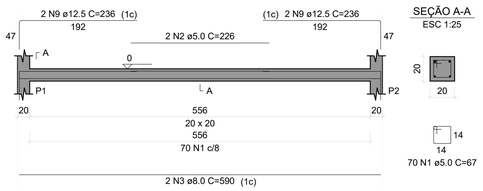
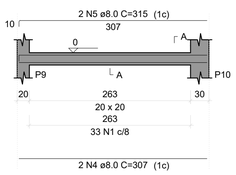
V1
ESC 1:50

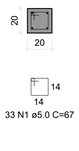


SEÇÃO A-A
ESC 1:25

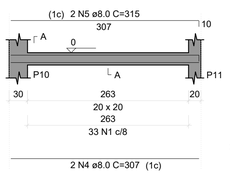
V2
ESC 1:50



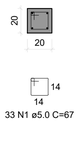
SEÇÃO A-A
ESC 1:25



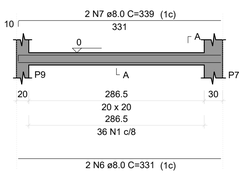
V3
ESC 1:50



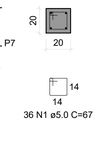
SEÇÃO A-A
ESC 1:25



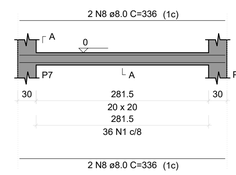
V4
ESC 1:50



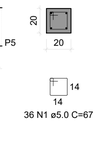
SEÇÃO A-A
ESC 1:25



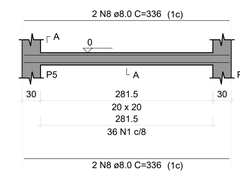
V5
ESC 1:50



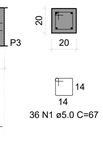
SEÇÃO A-A
ESC 1:25



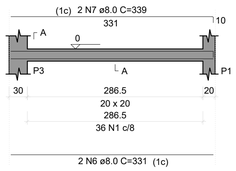
V6
ESC 1:50



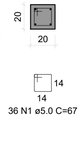
SEÇÃO A-A
ESC 1:25



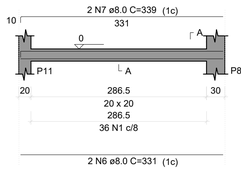
V7
ESC 1:50



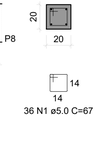
SEÇÃO A-A
ESC 1:25



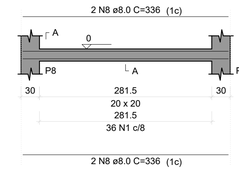
V8
ESC 1:50



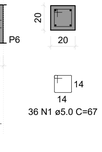
SEÇÃO A-A
ESC 1:25



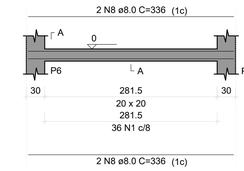
V9
ESC 1:50



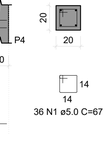
SEÇÃO A-A
ESC 1:25



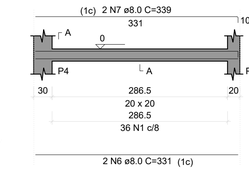
V10
ESC 1:50



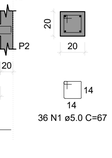
SEÇÃO A-A
ESC 1:25



V11
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

V1	V2	V3
V4	V5	V6
V7	V8	V9
V10	V11	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	424	67	28408
	2	5.0	2	226	452
CA50	3	8.0	2	590	1180
	4	8.0	4	307	1228
	5	8.0	4	315	1260
	6	8.0	8	331	2648
	7	8.0	8	339	2712
	8	8.0	16	336	5376
	9	12.5	4	236	944

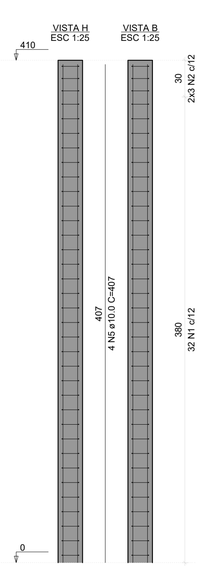
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	144	62.5
	12.5	9.4	10
CA60	5.0	288.6	46.9
PESO TOTAL (kg)			
CA50	72.5		
CA60	46.9		

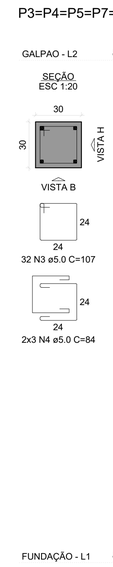
Volume de concreto (C-25) = 1.34 m³
Área de forma = 20.12 m²

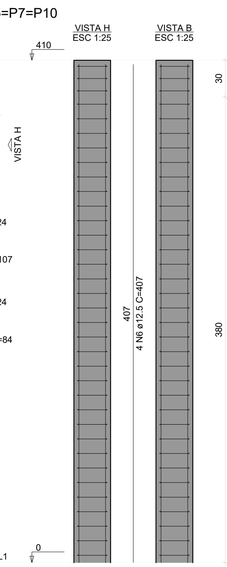
P1=P2=P9



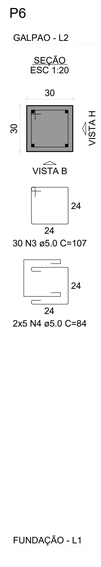


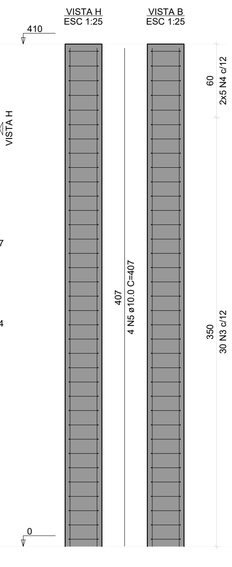
P3=P4=P5=P7=P10



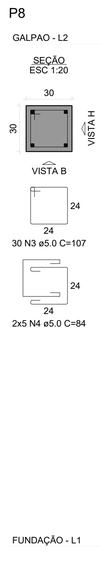


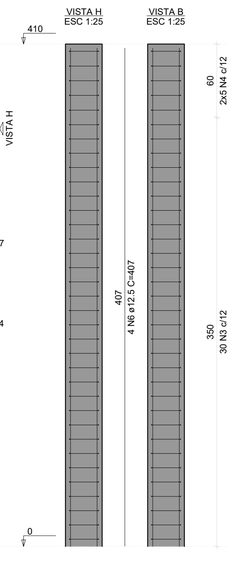
P6



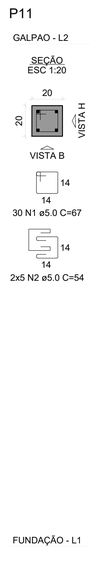


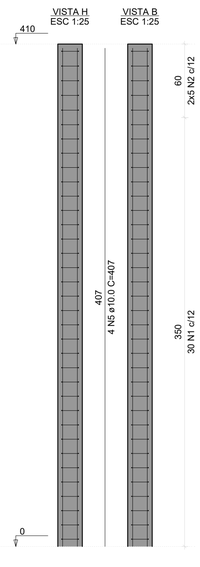
P8





P11





RELAÇÃO DO AÇO

3xP1 5xP3 P6
P8 P11

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	126	67	8442
	2	5.0	28	54	1512
	3	5.0	220	107	23540
	4	5.0	50	84	4200
CA50	5	10.0	20	407	8140
	6	12.5	24	407	9768

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	81.4	55.2
	12.5	97.7	103.5
CA60	5.0	376.9	63.9
PESO TOTAL (kg)			
CA50	158.7		
CA60	63.9		

Volume de concreto (C-25) = 3.24 m³
Área de forma = 47.56 m²

MARCOS AURELIO DE PAIVA REGO:50334409420

Assinado de forma digital por MARCOS AURELIO DE PAIVA REGO:50334409420
Dados: 2025.11.28 15:12:52 -03'00'

gov.br Documento assinado digitalmente
JOSÉ AROLDO QUEIROGA DE MORAIS
Data: 28/11/2025 15:34:27-0300
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 UNIDADE DE TRIAGEM

Endereço:
RIO GRANDE DO NORTE

Conteúdo:
DETALHAMENTO DE VIGAS E PILARES DO GALPÃO

Prancha:
05/11

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