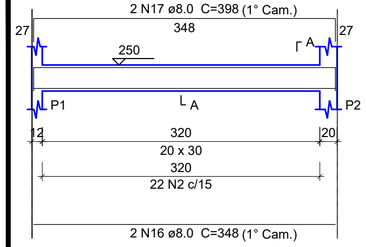
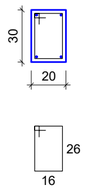
VC1
ESC 1:50



SEÇÃO A-A
ESC 1:25



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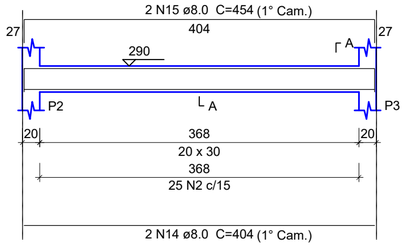
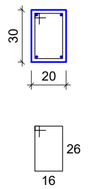
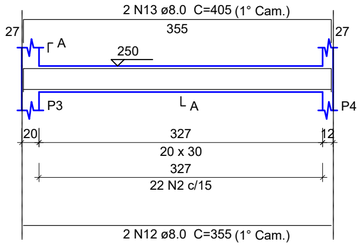
ESC 1:50



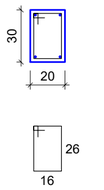
SEÇÃO A-A
ESC 1:25



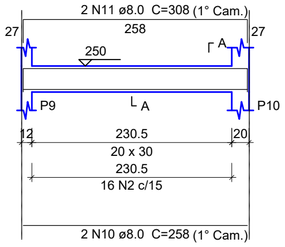
VC3
ESC 1:50



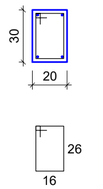
SEÇÃO A-A
ESC 1:25



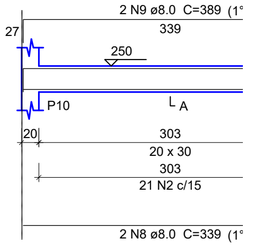
VC4
ESC 1:50



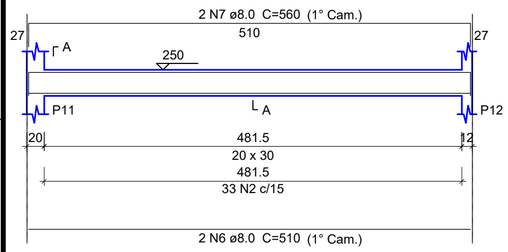
SEÇÃO A-A
ESC 1:25



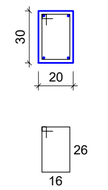
VC5
ESC 1:50



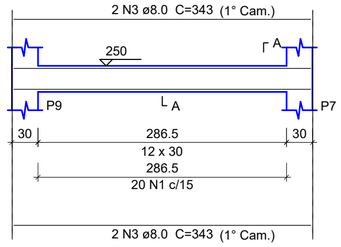
VC6
ESC 1:50



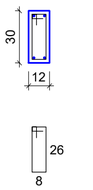
SEÇÃO A-A
ESC 1:25



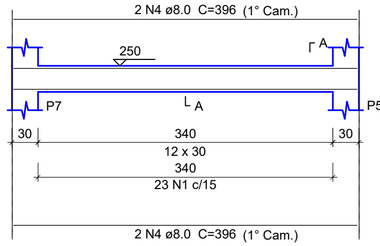
VC7
ESC 1:50



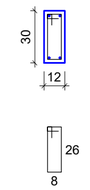
SEÇÃO A-A
ESC 1:25



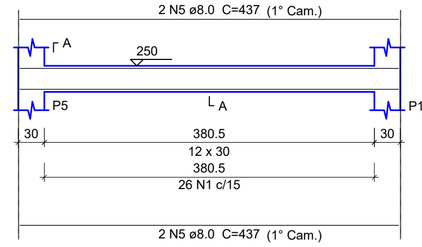
VC8
ESC 1:50



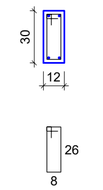
SEÇÃO A-A
ESC 1:25



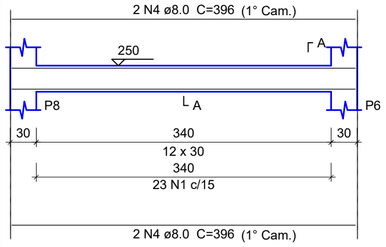
VC9
ESC 1:50



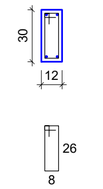
SEÇÃO A-A
ESC 1:25



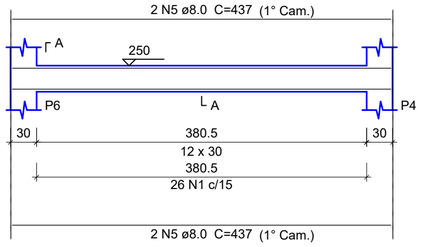
VC11
ESC 1:50



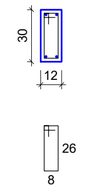
SEÇÃO A-A
ESC 1:25



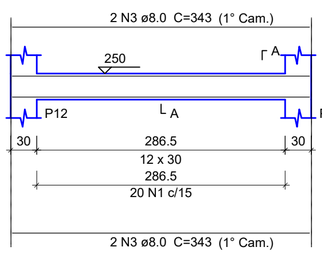
VC12
ESC 1:50



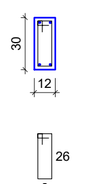
SEÇÃO A-A
ESC 1:25



VC10
ESC 1:50



SEÇÃO A-A
ESC 1:25



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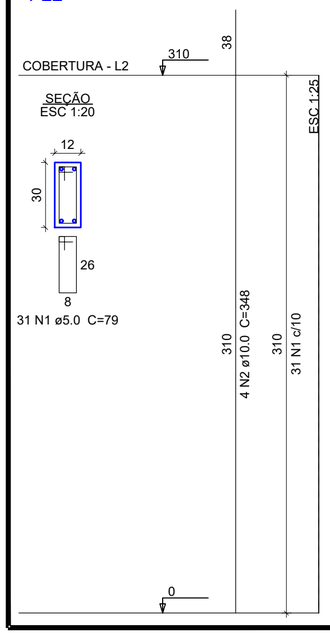
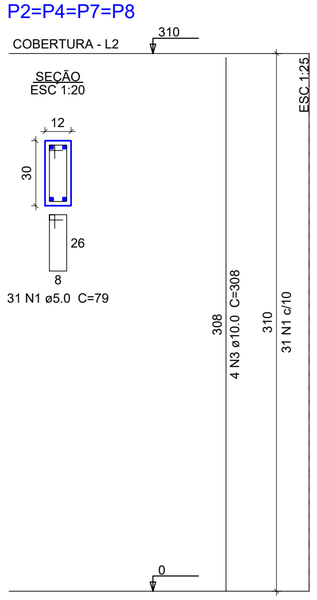
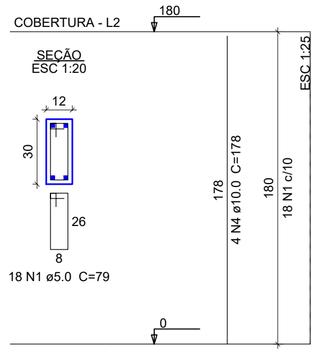


P2=P4=P7=P8



P10=P11=P12



Relação do aço

12xP1 4xP2 3xP10

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	550	79	43450
CA50	2	10.0	48	348	16704
	3	10.0	16	308	4928
	4	10.0	12	178	2136

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	10.0	237.7	20	146.5
CA60	5.0	434.5	-	67

PESO TOTAL (kg)	
CA50	146.5
CA60	67

Volume de concreto (C-25) = 1.98 m³
Área de forma = 46.2 m²

Relação do aço

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	138	79	10902
	2	5.0	139	95	13205
CA50	3	8.0	8	343	2744
	4	8.0	8	396	3168
	5	8.0	8	437	3496
	6	8.0	2	510	1020
	7	8.0	2	560	1120
	8	8.0	2	339	678
	9	8.0	2	389	778
	10	8.0	2	258	516
	11	8.0	2	308	616
	12	8.0	2	355	710
	13	8.0	2	405	810
	14	8.0	2	404	808
	15	8.0	2	454	908
	16	8.0	2	348	696
	17	8.0	2	398	796

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	8.0	188.7	16	74.4
CA60	5.0	241.1	-	37.2

PESO TOTAL (kg)	
CA50	74.4
CA60	37.2

Volume de concreto (C-25) = 1.94 m³
Área de forma = 30.74 m²

APROVAÇÃO

Prefeitura de Eldorado
ESTADO DE MATO GROSSO DO SUL

PREFEITURA MUNICIPAL DE ELDORADO

OBRA
CONSTRUÇÃO GALPÃO DE ASSISTÊNCIA SOCIAL

LOCAL
RUA NORUEGA. COM A RUA PERU, S/N, MORUMBI, 79970-000

ÁREA CONSTRUÍDA 122,04 m²
ÁREA DO TERRENO 450,00 m²

RESPONSÁVEL TÉCNICO P/ PROJETO
FÁBIO MARQUES RIBEIRO
CREA nº 15.276/MS
FÁBIO MARQUES RIBEIRO
Assinado de forma digital por FÁBIO MARQUES RIBEIRO
Dados: 2023.12.01 17:06:33 -04'00'

DIRETOR
AGUINALDO DOS SANTOS
CNPJ 03.741.675/0001-80

DISCIPLINA
PROJETO DE ESTRUTURA DE CONCRETO ARMADO

CONTEÚDO
COBERTURA VIGAS - ARMAÇÕES E COBERTURA PILARES - ARMAÇÕES

FOLHA
4/5

ESCALA
Como indicado

DATA
DEZEMBRO/2023

CONVÊNIO

COORDENADAS
23°47'54.37"S
54°06'20,37"O