

Forma do pavimento TERREO
escala 1:50

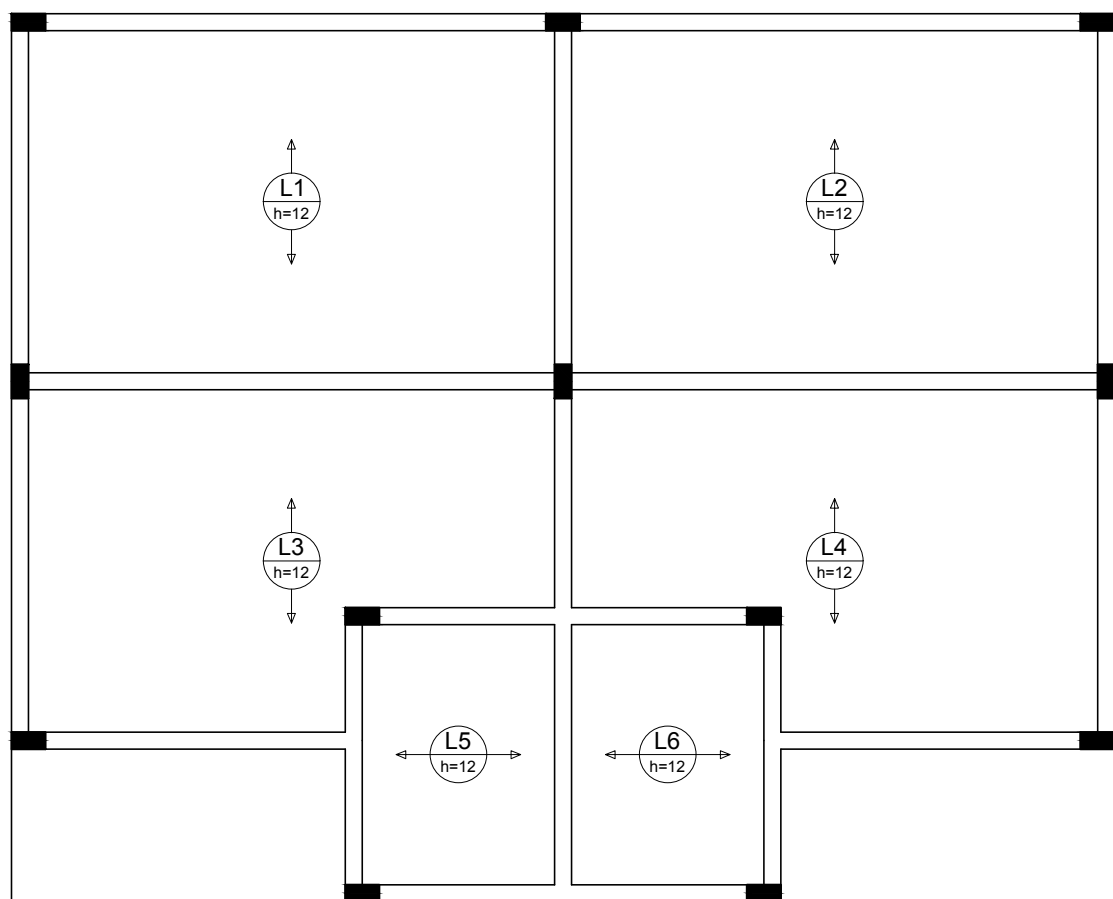
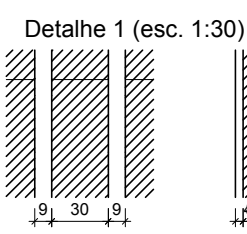
Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	15x30	0	300
V2	15x40	0	300
V3	15x30	0	300
V4	15x30	0	300
V5	15x30	0	300
V6	15x30	0	300
V7	15x30	0	300
V8	15x30	0	300
V9	15x30	0	300
V10	15x30	0	300
V11	15x30	0	300

Blocos de enchimento					
Detalhe		Tipo	Nome	Dimensões (cm) 10 10 10	Quantidade
1		EPS Unidirecional	B8/30/125	8 30 125	160

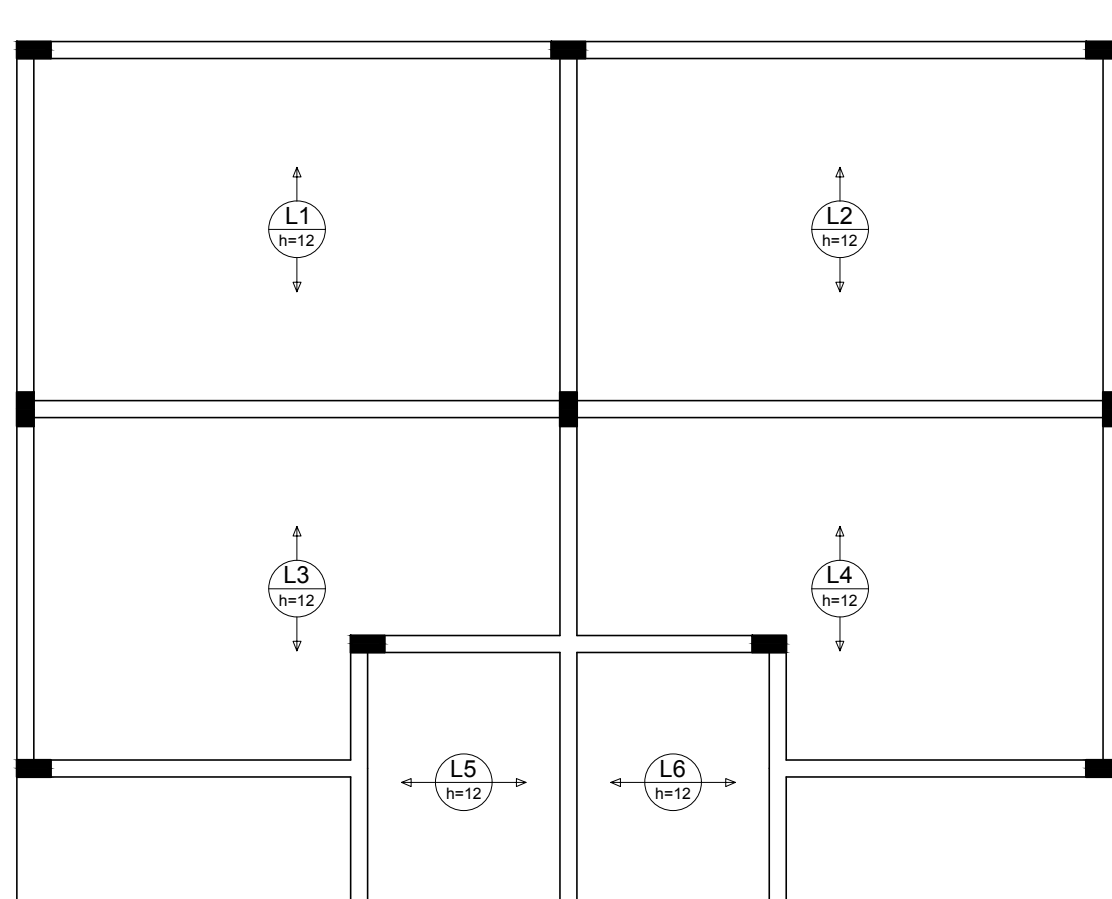
Lajes					Sobrecarga (kgf/m²)			
Nome	Tipo	Dados			Peso próprio (kg/m²)	Adicional	Accidental	Localizada
		Altura (cm)	Elevação (cm)	Nível (cm)				
L1	Trelçada ID	12	0	300	147	0	100	-
L2	Trelçada ID	12	0	300	147	0	100	-
L3	Trelçada ID	12	0	300	147	0	100	-
L4	Trelçada ID	12	0	300	147	0	100	-
L5	Trelçada ID	12	0	300	147	0	100	-
L6	Trelçada ID	12	0	300	147	0	100	-

Características dos materiais		
f _{cd} (kgf/cm²)	f _{ctd} (kgf/cm²)	f _{ctk} (kgf/cm²)
250	230000	

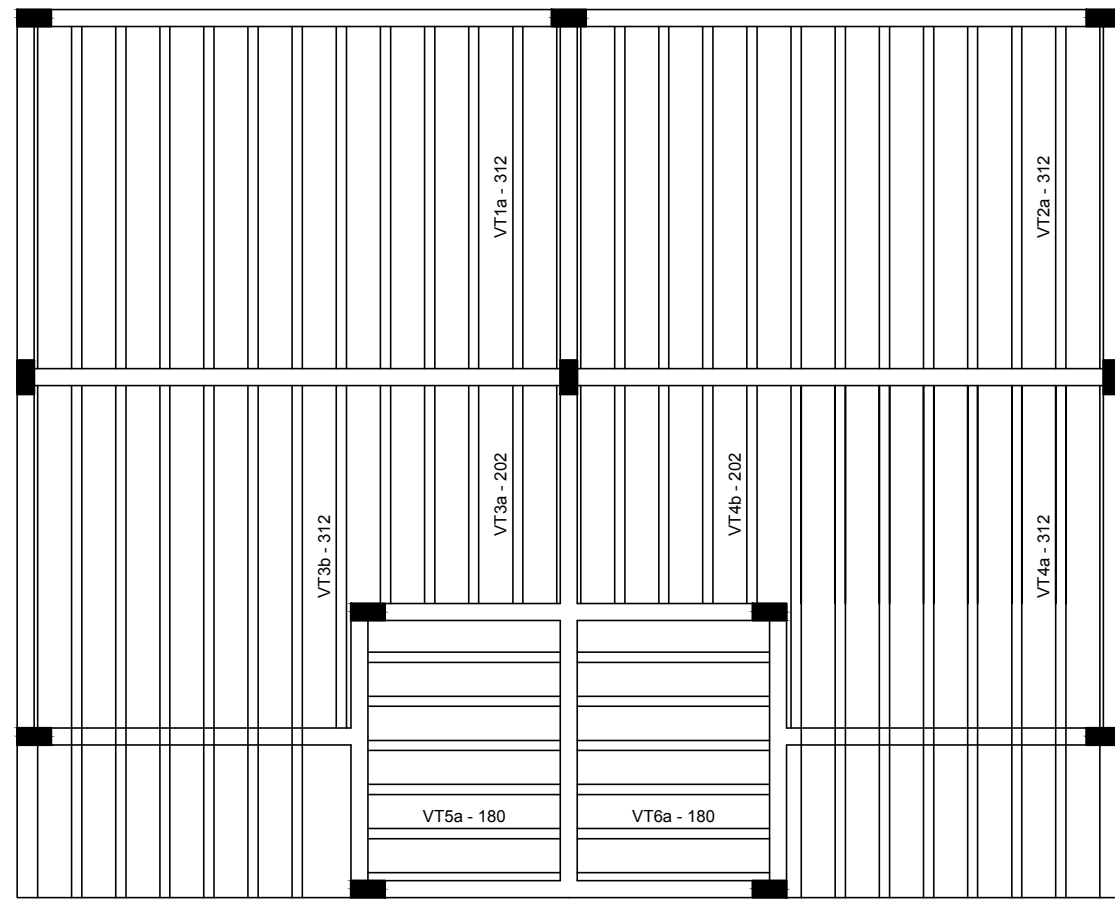
Legenda dos Planos			
	Pilar que morre		Pilar que passa
	Pilar que nasce		Pilar com mudança de seção



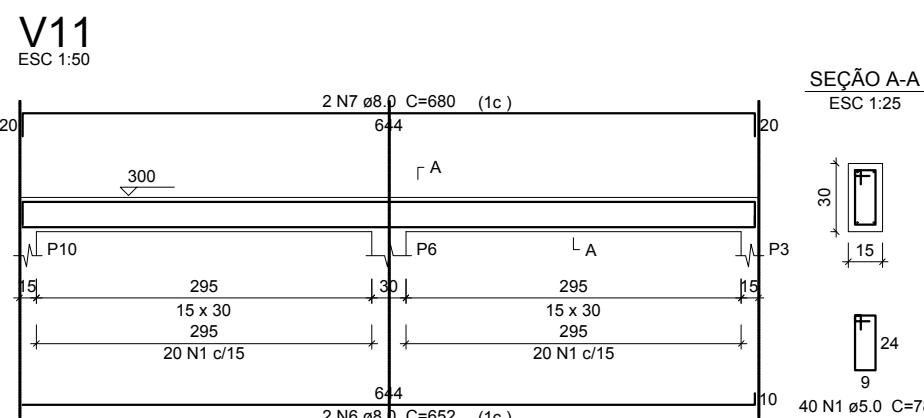
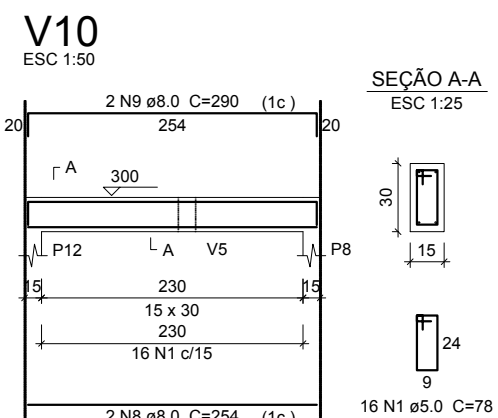
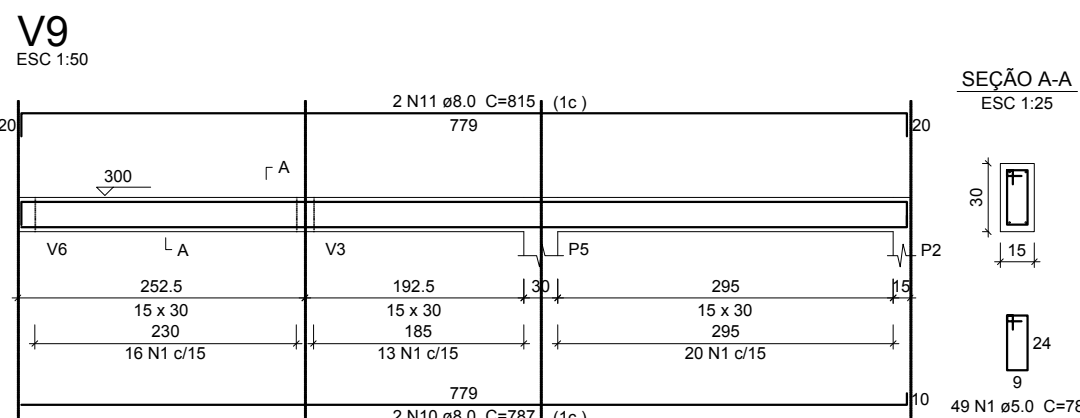
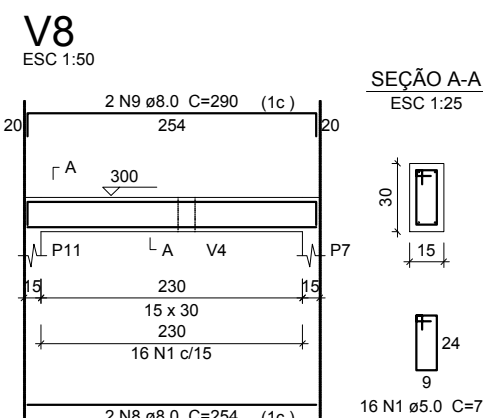
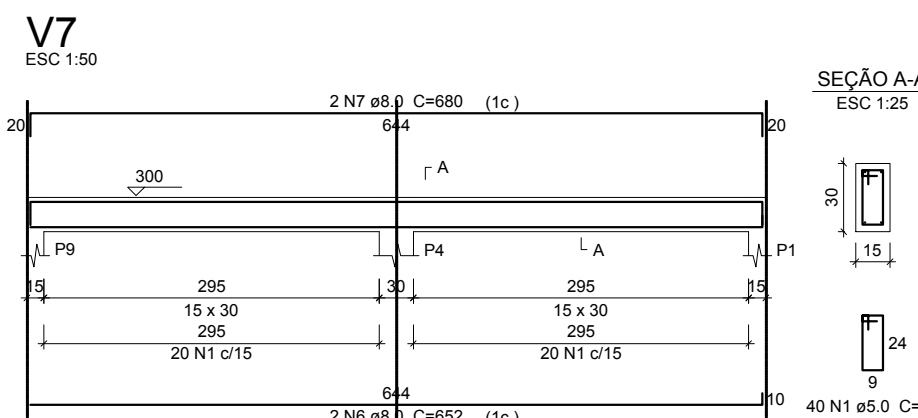
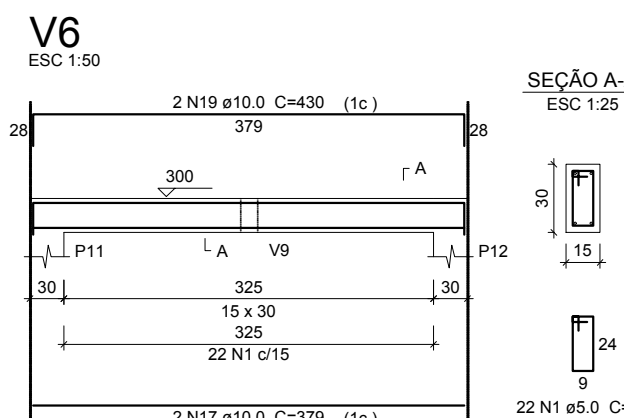
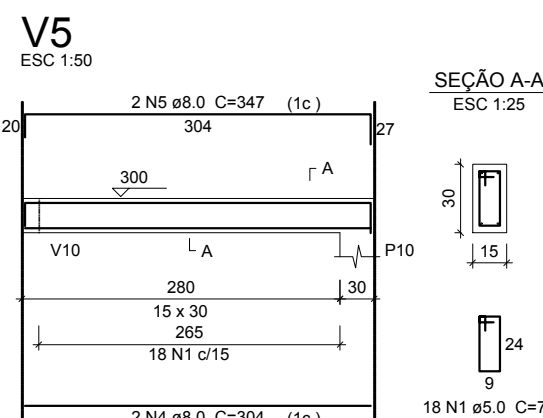
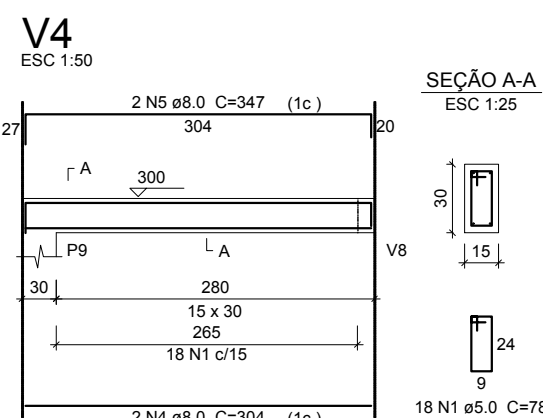
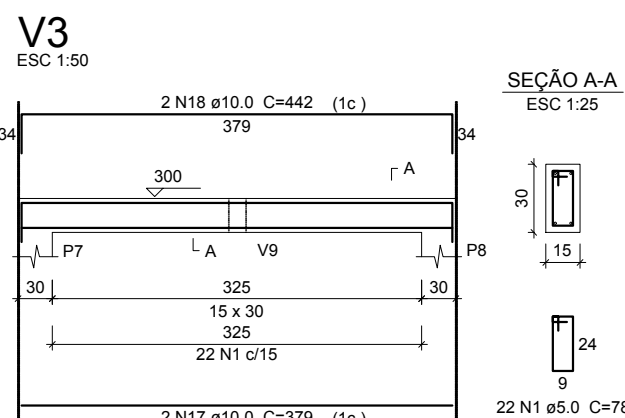
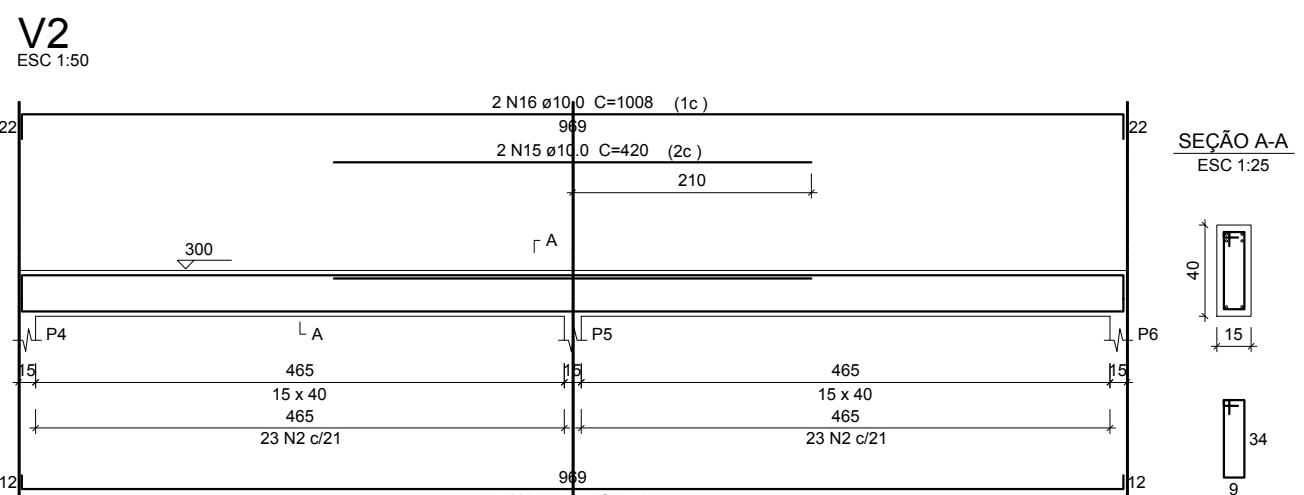
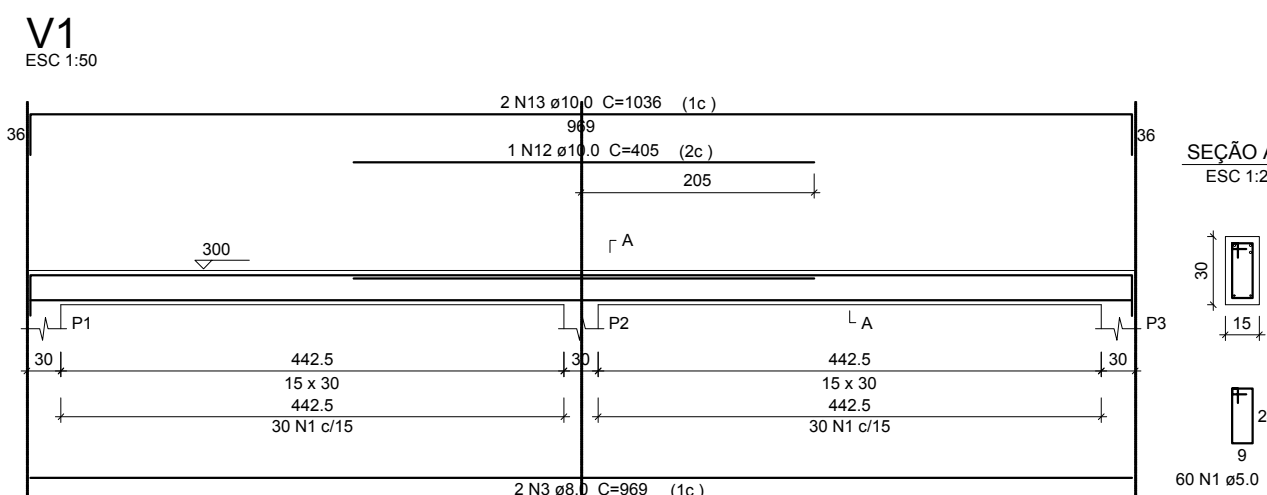
Armação positiva das lajes do pavimento TERREO (Eixo X)
escala 1:50



Armação positiva das lajes do pavimento TERREO (Eixo Y)
escala 1:50



Planta de vigotas pré-moldadas
escala 1:50

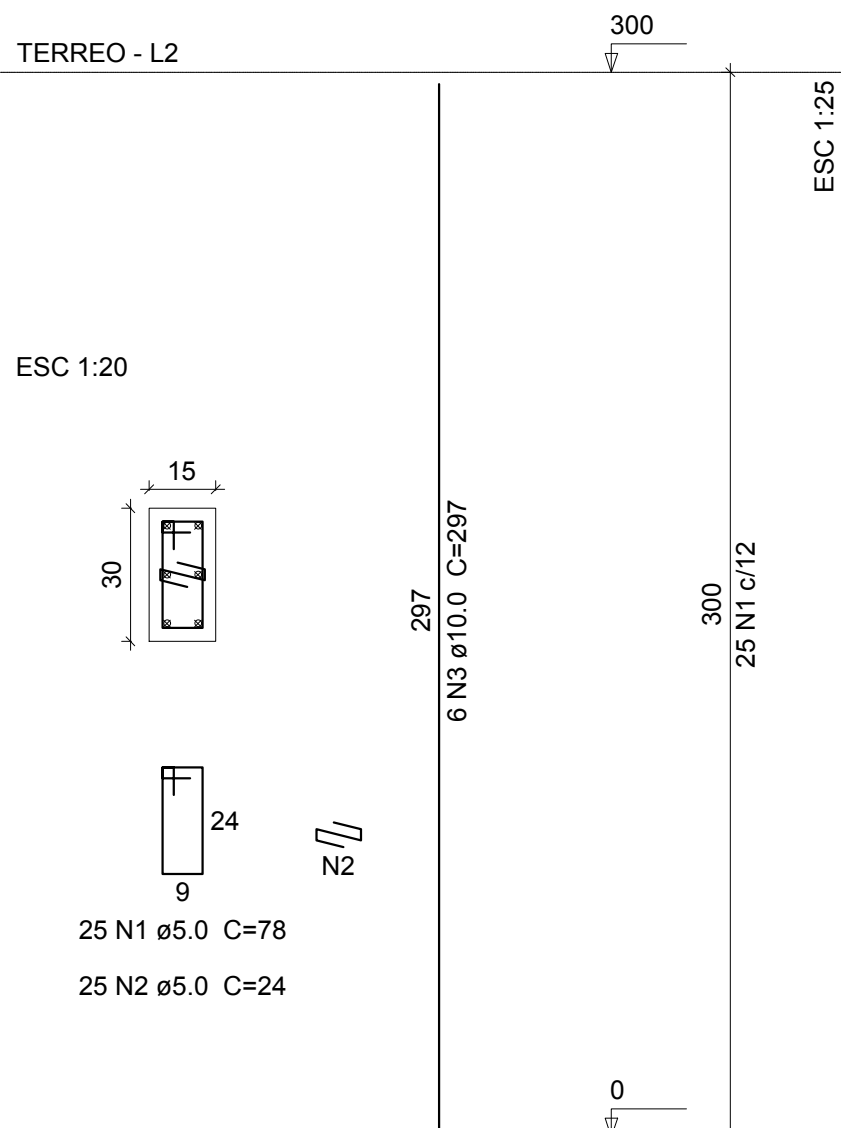
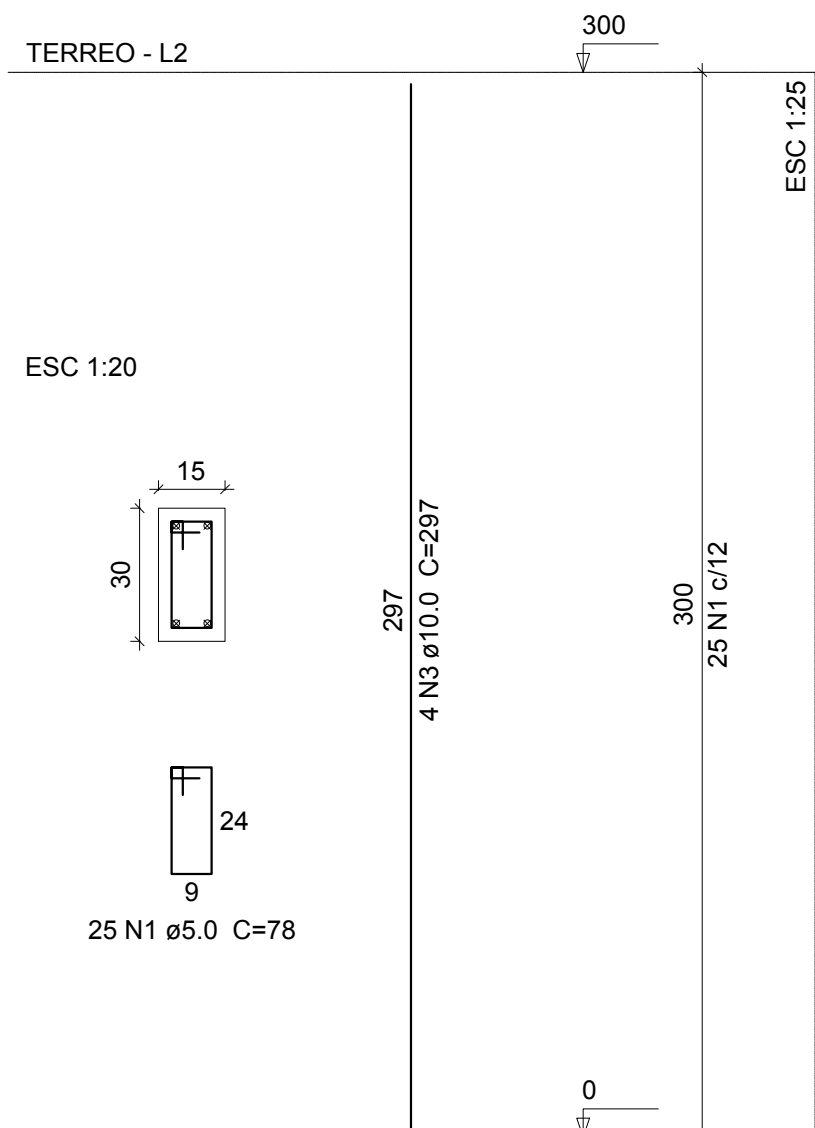


Resumo do aço			
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	152.5	66.2
CA60	10.0	105.7	71.7
CA60	5.0	279.9	47.4
PESO TOTAL			
CA50	137.9		
CA60	47.4		

Vol. de concreto total (C-25) = 2.62 m³
Área de forma total = 46.54 m²

P1=P2=P3=P5=P9=P10

P4=P6=P7=P8=P11=P12



Relação do aço

6xP1					
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	300	78	23400
CA50	2	5.0	150	24	3600
CA50	3	10.0	60	297	17820

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	178.2	120.9
CA60	5.0	270	45.8
PESO TOTAL			
CA50	120.9		
CA60	45.8		

Vol. de concreto total (C-25) = 1.62 m³
Área de forma total = 32.4 m²

PROJETO ESTRUTURAL
JHON KENNEDY DA GUARDA BRITO
CONSULTORIA/PROJETOS/EXECUÇÃO
CREA MG-224027/D

ÁREAS:
CONSTRUIDA — 68,57m²

ENDEREÇO DA OBRA:
DISTRITO DE CAMPO ALEGRE
CIDADE DE IBIRACATU—MG

PROPRIETÁRIO:
PREFEITURA MUNICIPAL DE IBIRACATU—MG
CNPJ:01.612.477/0001—90

ENGENHEIRO:
JHON KENNEDY DA GUARDA BRITO
CREA-MG: 224027/D

CONTEÚDO:
PLANTAS DE FORMAS
VIGAS
PILARES
LAJE

ESCALAS:
INDICADAS

DATA:
SETEMBRO DE 2021

PRANCHA:
02/02