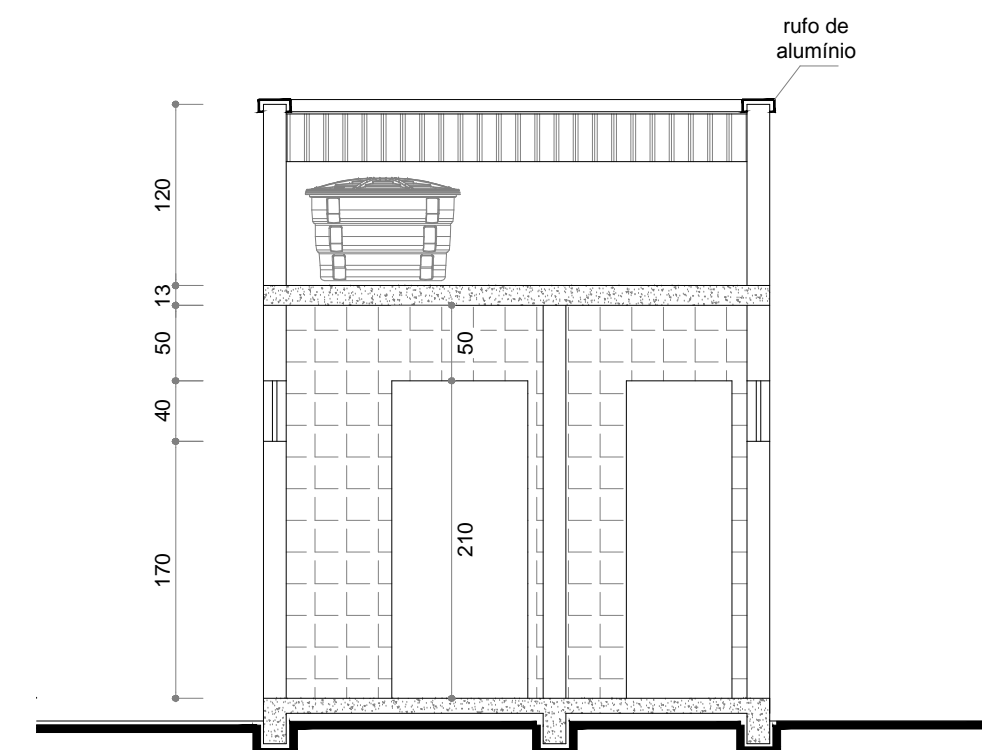
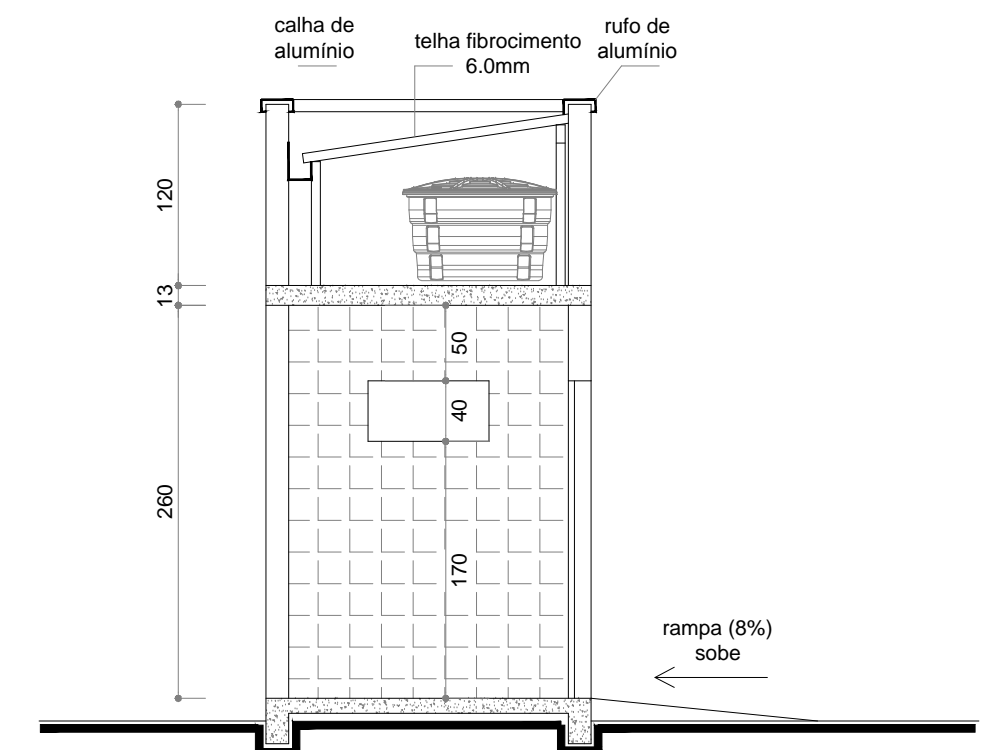


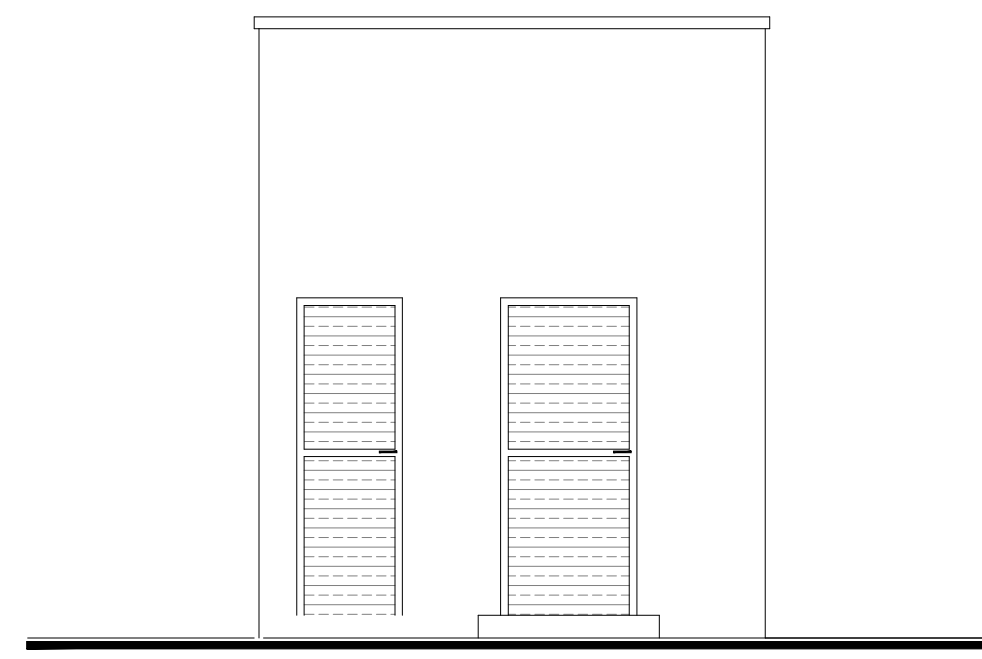
PLANTA BAIXA
1:50



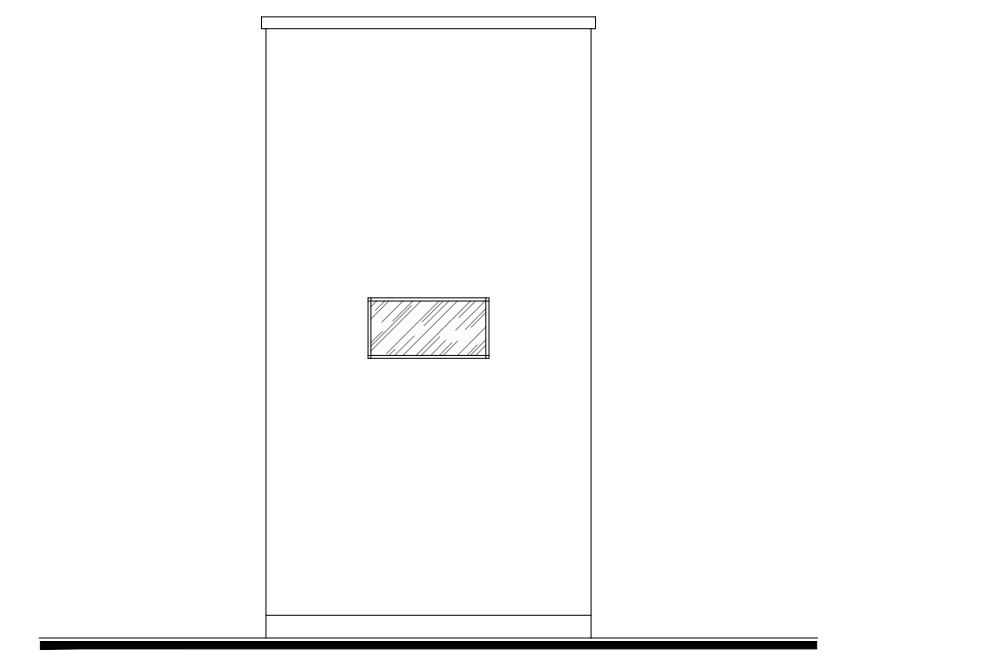
CORTE B B
1:50



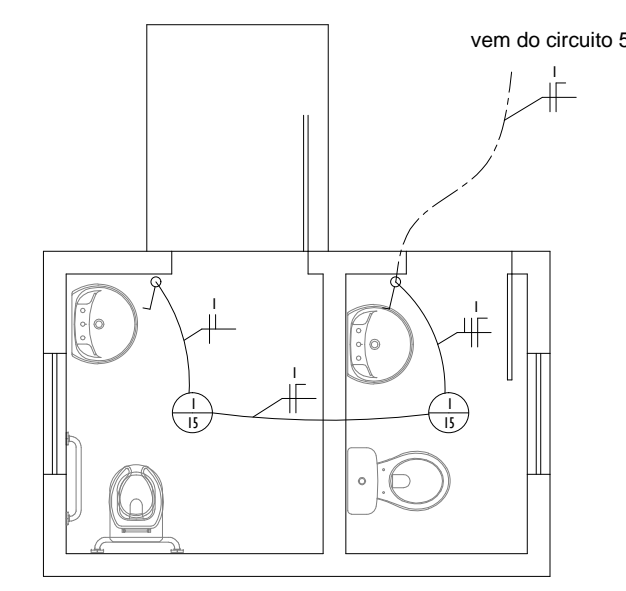
CORTE A A
1:50



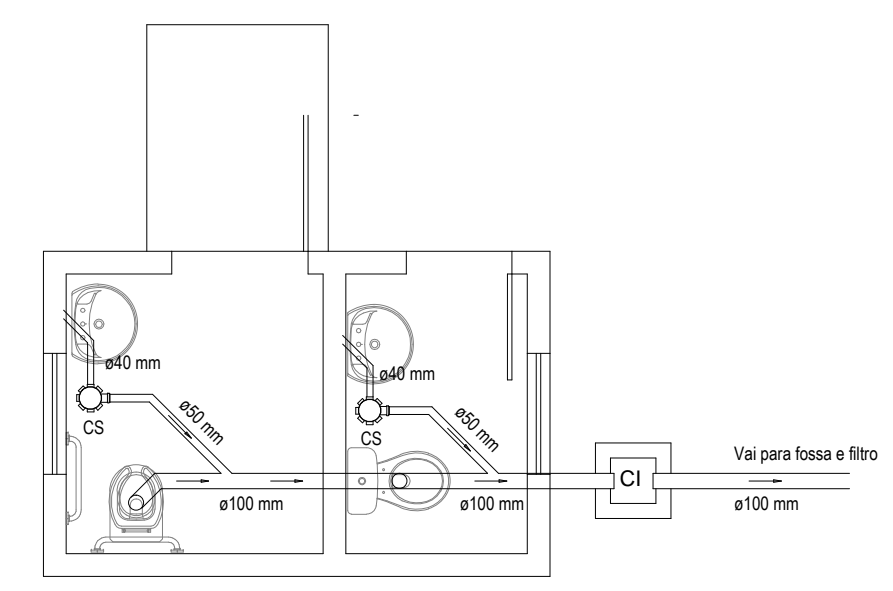
FACHADA FRONTAL
1:50



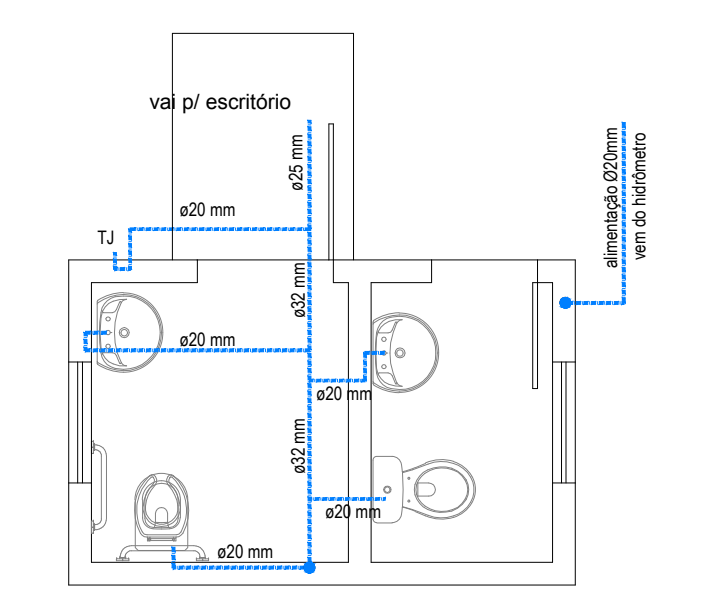
FACHADA LATERAL
1:50



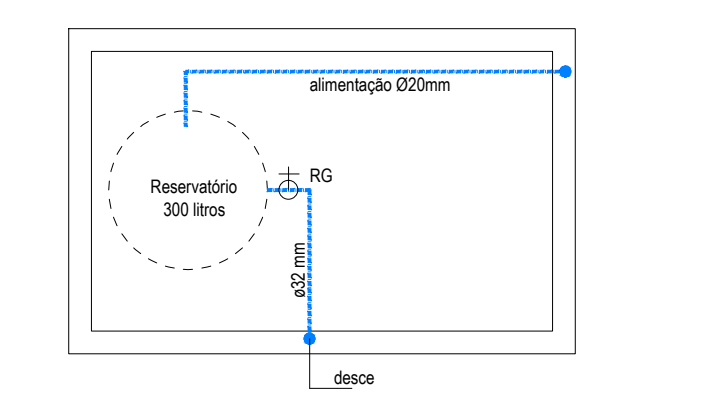
ELÉTRICO
1:50



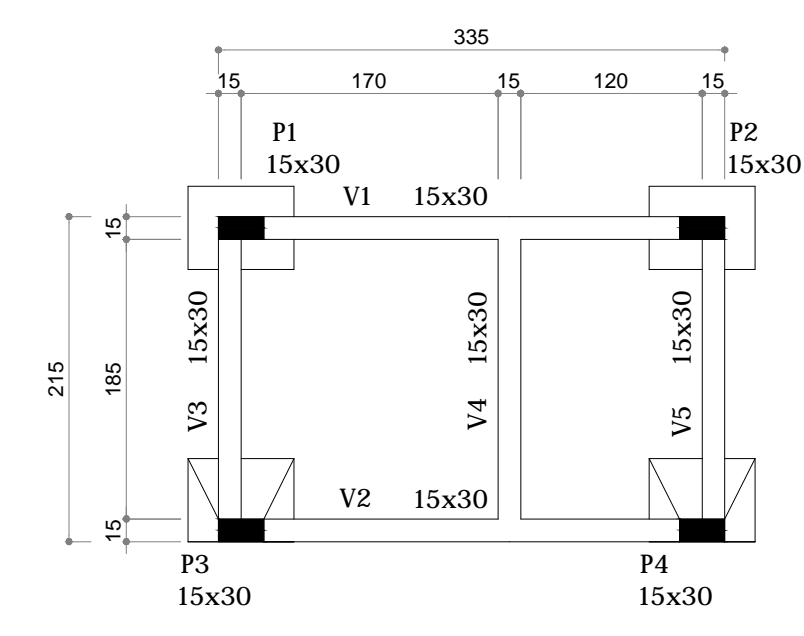
SANITÁRIO
1:50



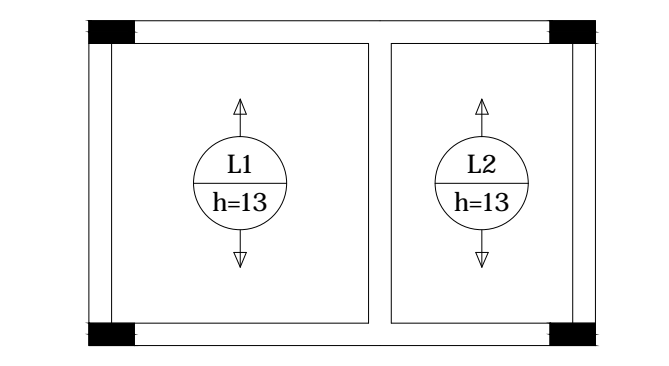
HIDRÁULICO
1:50



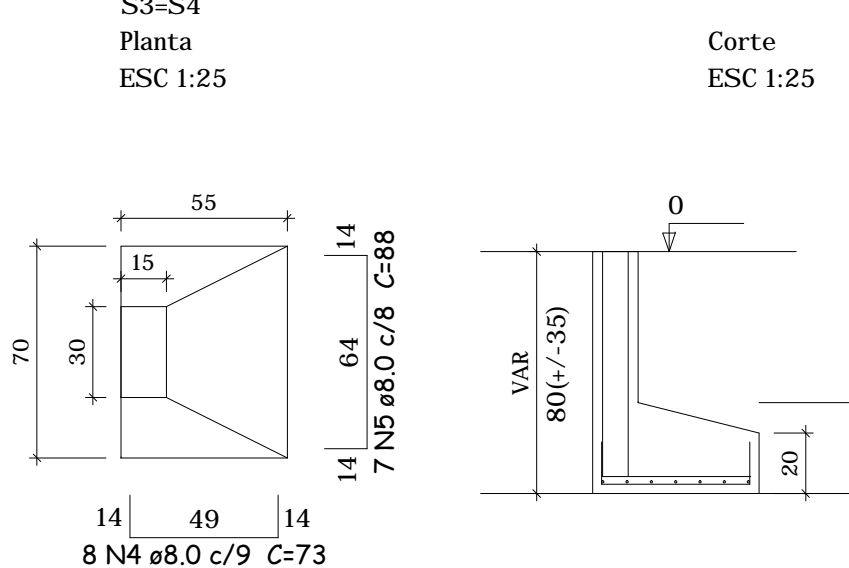
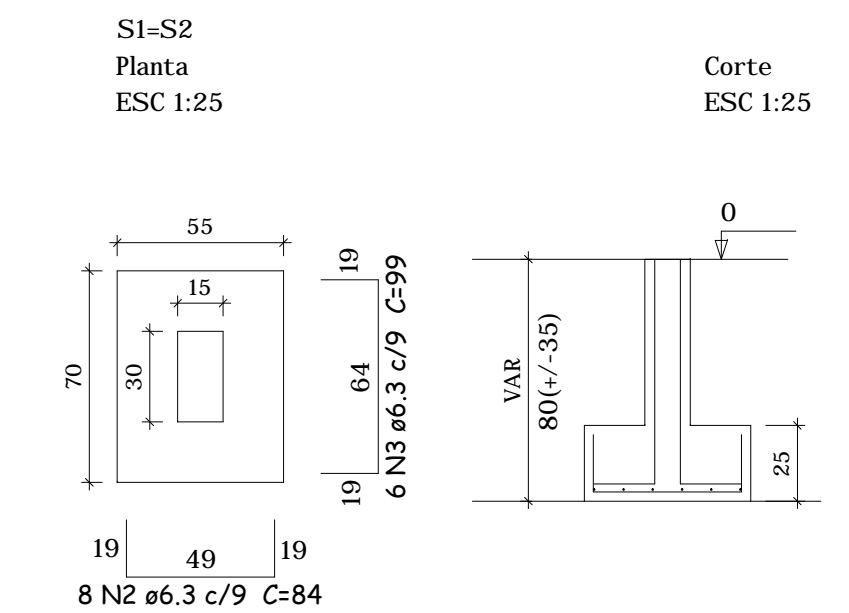
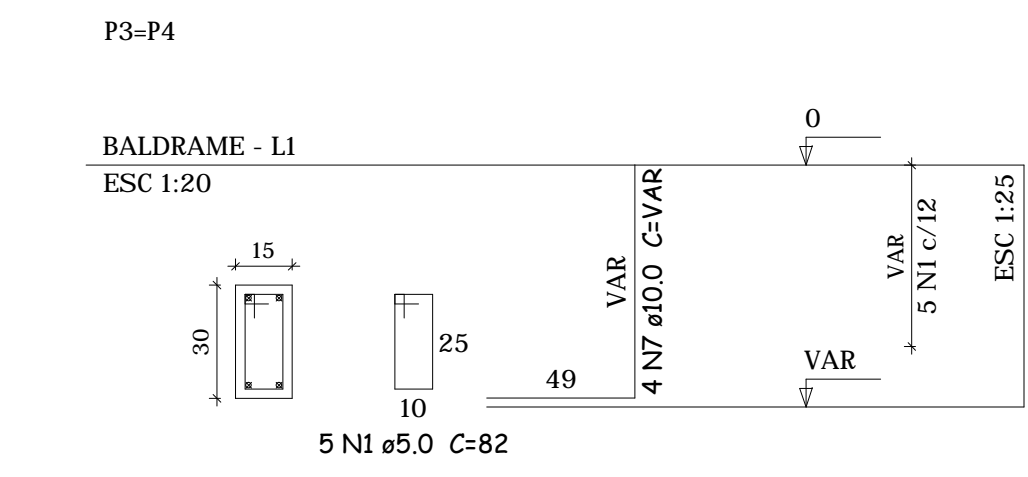
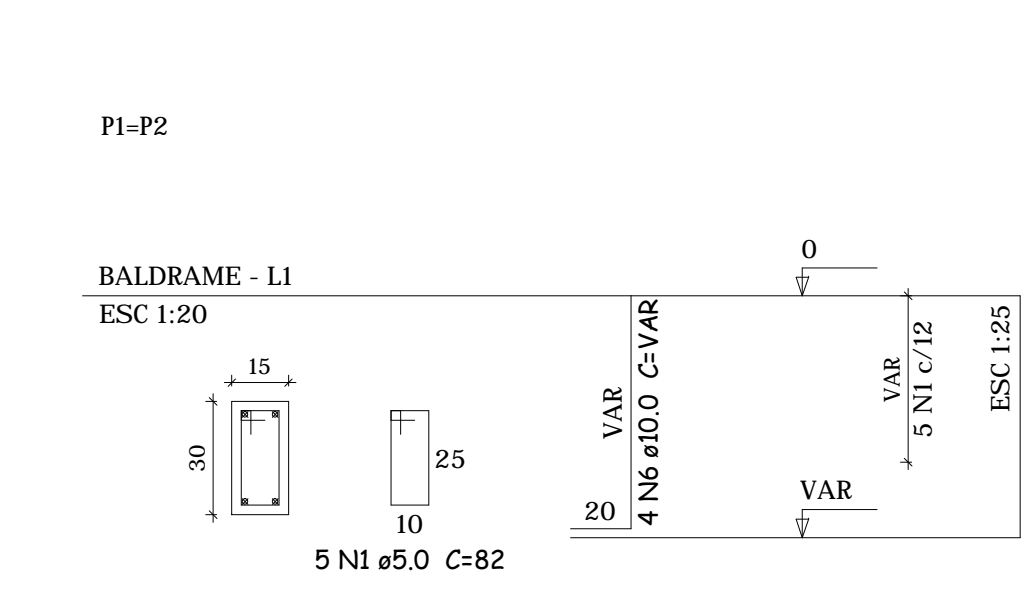
RESERVATÓRIO
1:50



FORMA DO BALDRAME
1:50



LAJE PRÉ-MOLDADA DE FORRO
1:50



Lajes

Nome	Tipo	Dados			Sobrecarga (kgf/m ²)		
		Altura (cm)	Elevação (cm)	Nível (cm)	Adicional	Acidental	Localizada
L1	Pré-moldada	13	0	0	50	100	-
L2	Pré-moldada	13	0	0	172	50	100

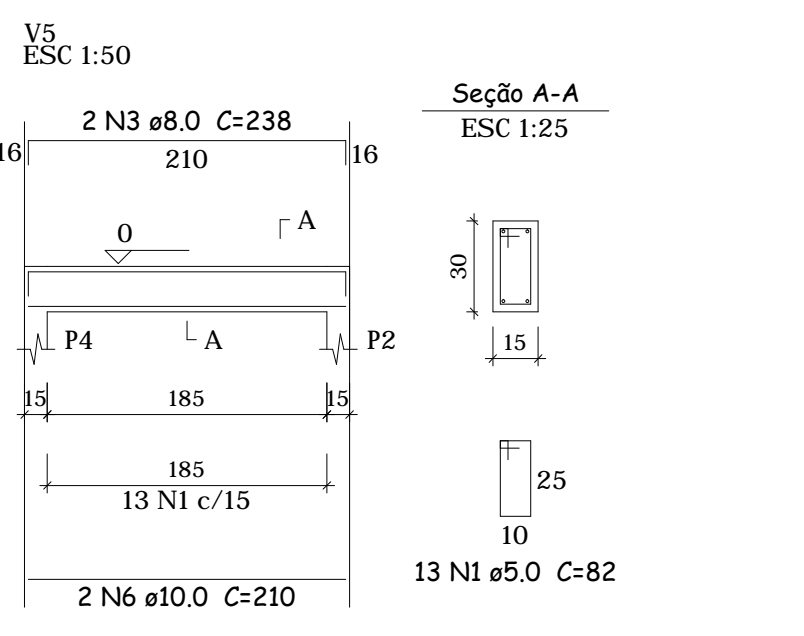
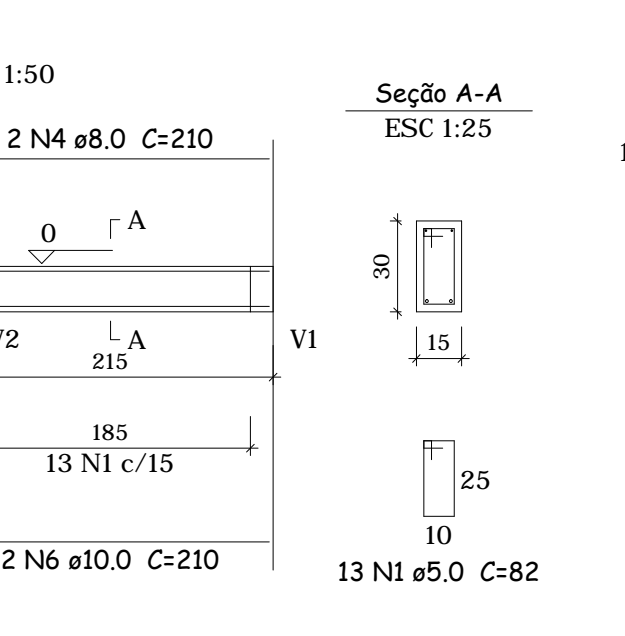
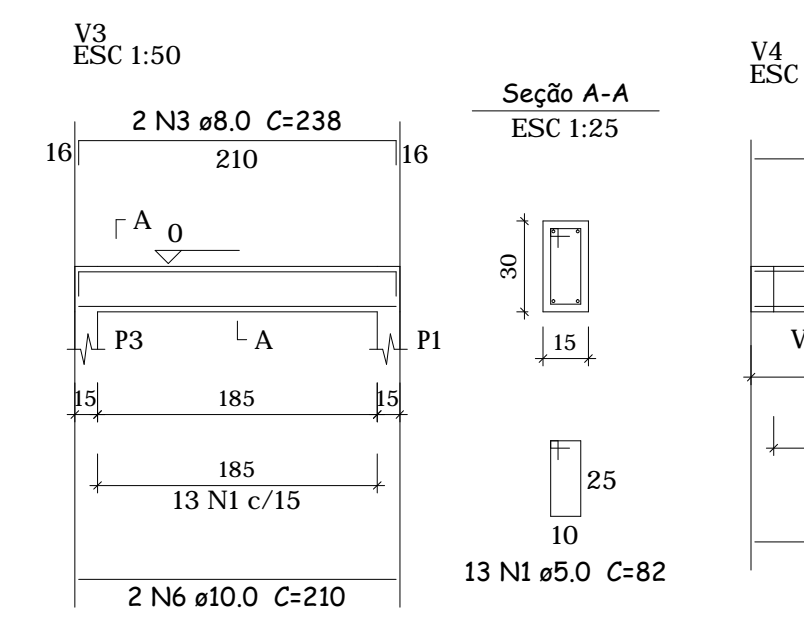
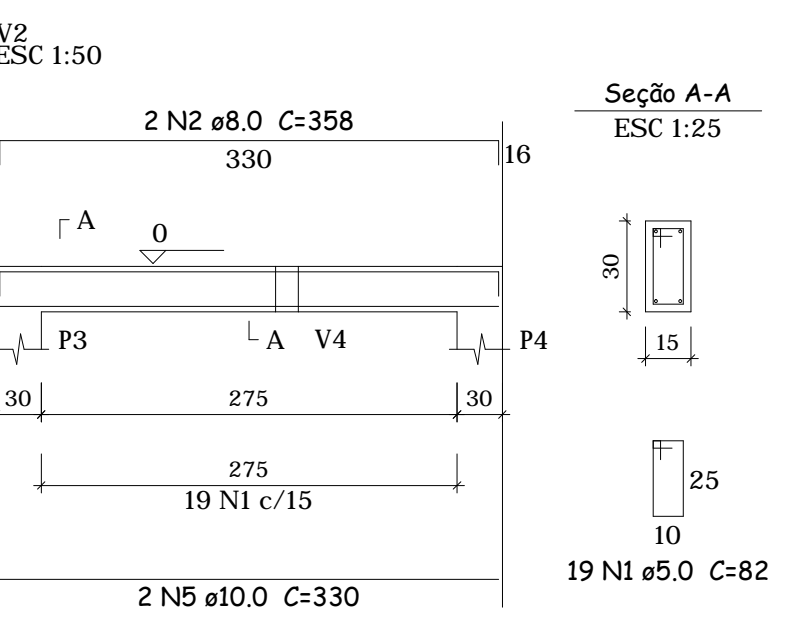
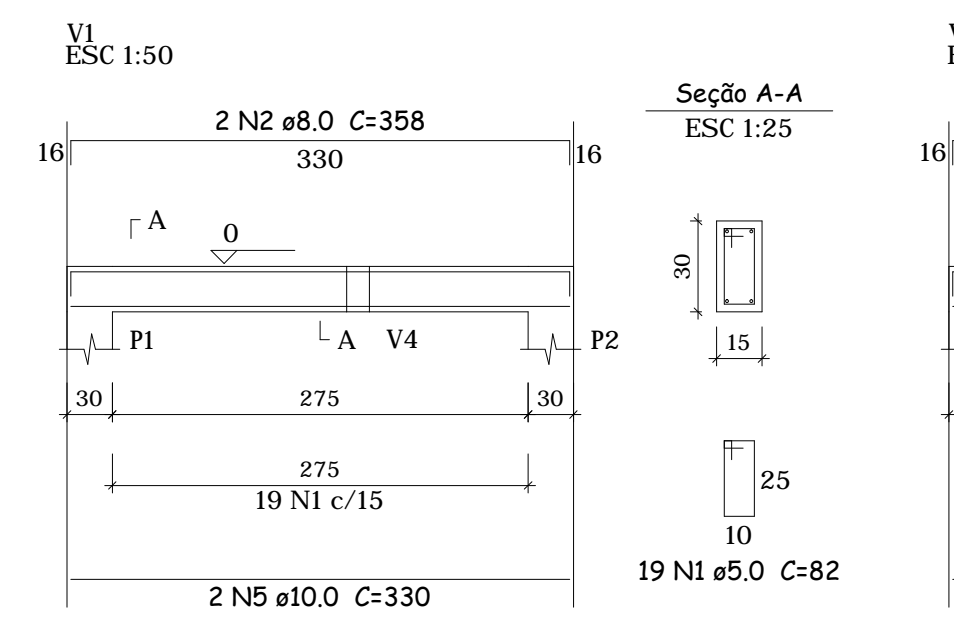
Concreto

f _{ck} (kgf/cm ²)	250
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Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)	Resumo do aço			
						AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA80	1	5.0	20	82	1640	6.3	25.4	6.8	
CA50	2	6.3	16	84	1344	8.0	24	10.4	
	3	6.3	12	99	1188	10.0	17.6	11.9	
	4	8.0	16	73	1168	CA60	5.0	16.4	2.8
	5	8.0	14	88	1232	PESO TOTAL			
	6	10.0	8	VAR	VAR	CA50	29.1		
	7	10.0	8	VAR	VAR	CA60	2.8		

Vol. de concreto total (C-25) = 0.53 m³
Área de forma total = 5.27 m²



Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA80	1	5.0	77	82	6314
CA50	2	8.0	4	358	1432
	3	8.0	4	238	952
	4	8.0	2	210	420
	5	10.0	4	330	1320
	6	10.0	6	210	1260

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	28.1	12.2
CA80	10.0	25.8	17.5
CA60	5.0	63.2	10.7
PESO TOTAL			
CA50	29.7		
CA60	10.7		

Vol. de concreto total (C-25) = 0.59 m³
Área de forma total = 9.86 m²

Obs: Direitos autorais conforme Lei nº 9.610 de 19.02.1998. CLIC PROJETO

APROVAÇÃO



Responsável Técnico



Rua Pastor Blumel, 30 - Sala 101 - Edifício Paris - Centro - Timbó - SC Cep: 89120-000 Fone / Fax: (47) 3382 6464 e-mail: clicprojeto@gmail.com

ECOPONTO

Rua Rio Grande nº 40 - Bairro dos Estados - Timbó - SC

SERVIÇO AUTÔNOMO MUNICIPAL DE ÁGUA E ESGOTO - TIMBÓ

Área: 72,54 m²
Data: fevereiro/2018

Especificação
SANITÁRIOS - COMPLETO

Escala: Indicada
Prancha
04/08

PROJETO: **SANITÁRIO COMPLETO**