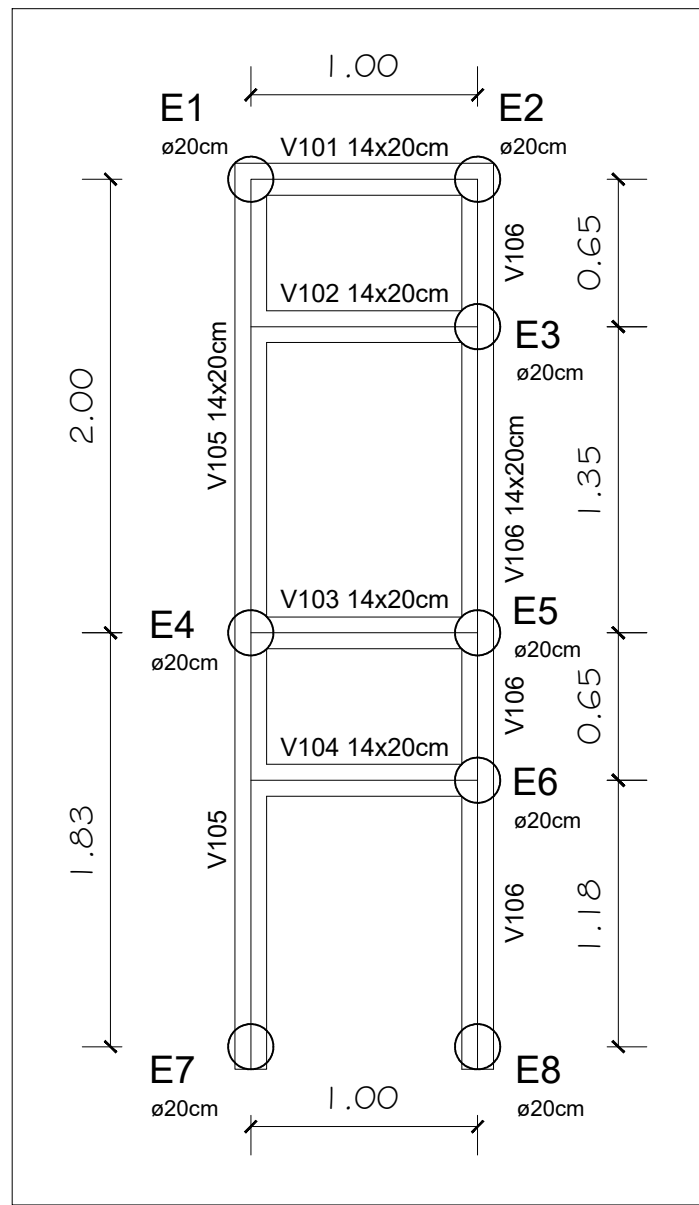
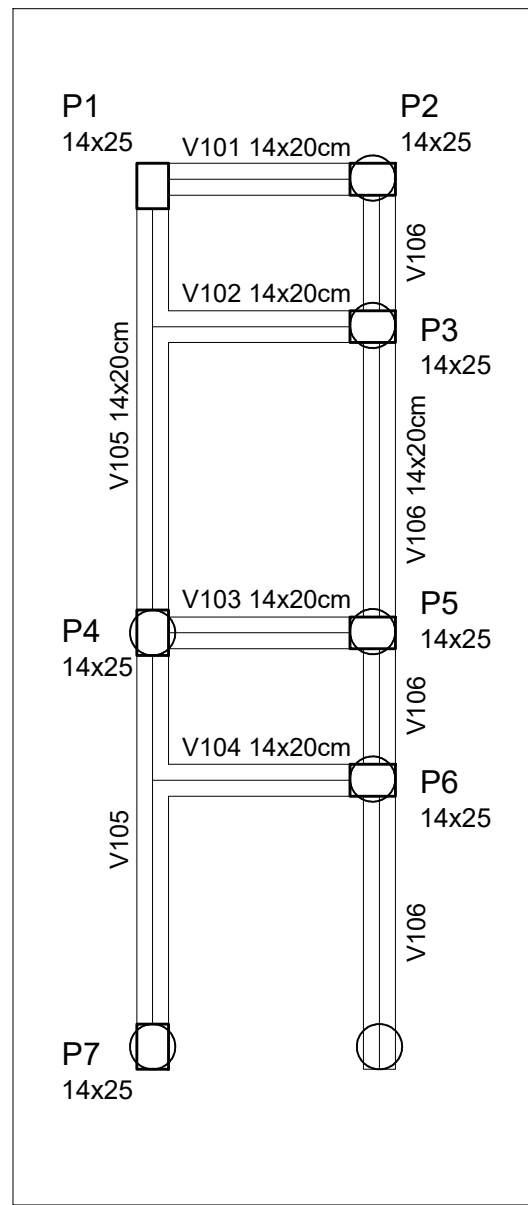


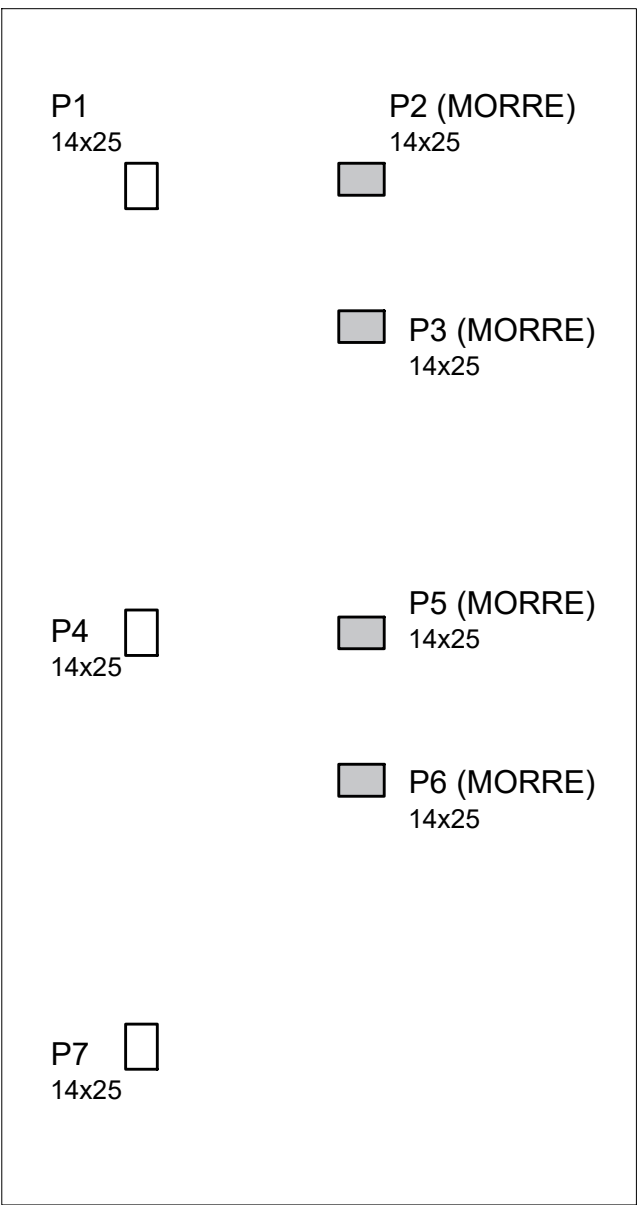
ESTRUTURAL - MURO PARA DUCHAS



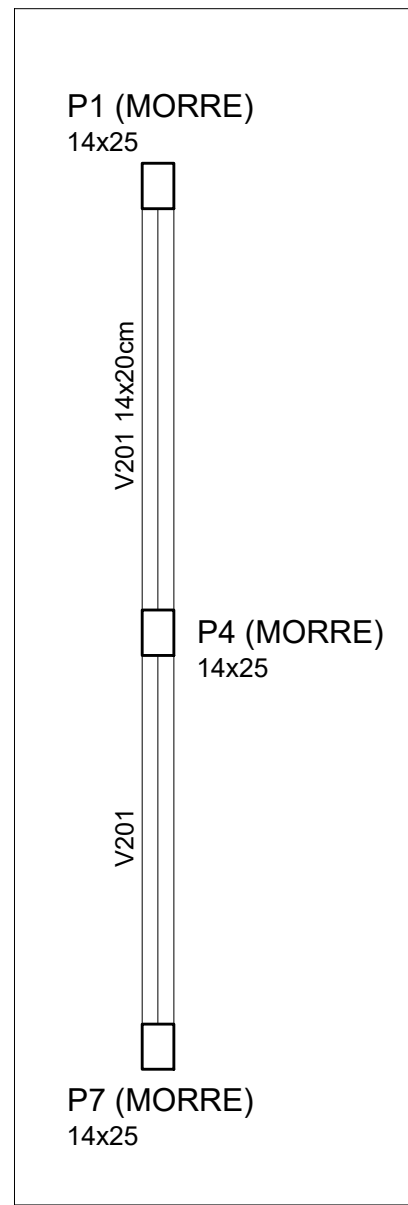
PLANTA DE LOCAÇÃO
ESCALA: 1:75



FORMA - NÍVEL 0.00
ESCALA: 1:75

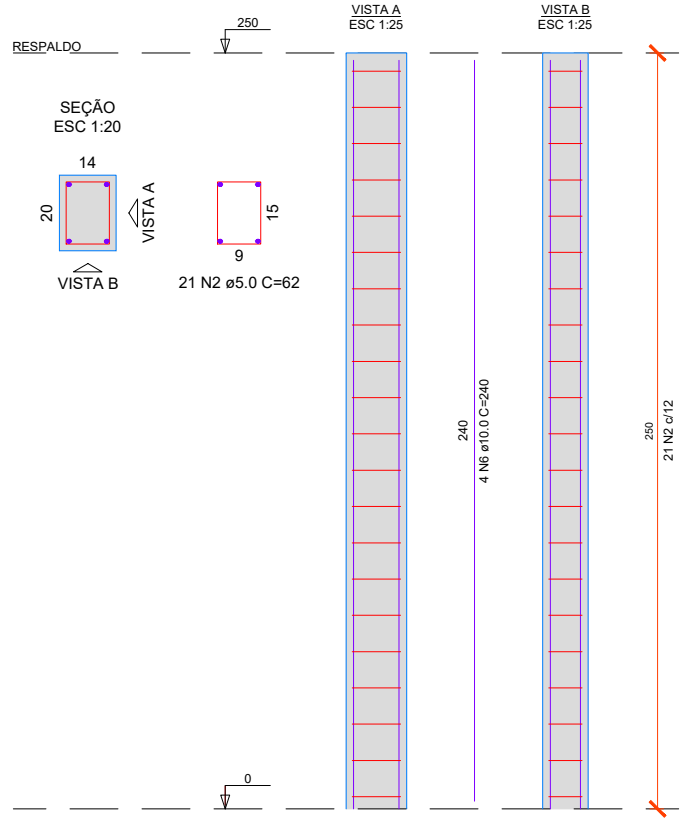


FORMA - NÍVEL 0.40
ESCALA: 1:75

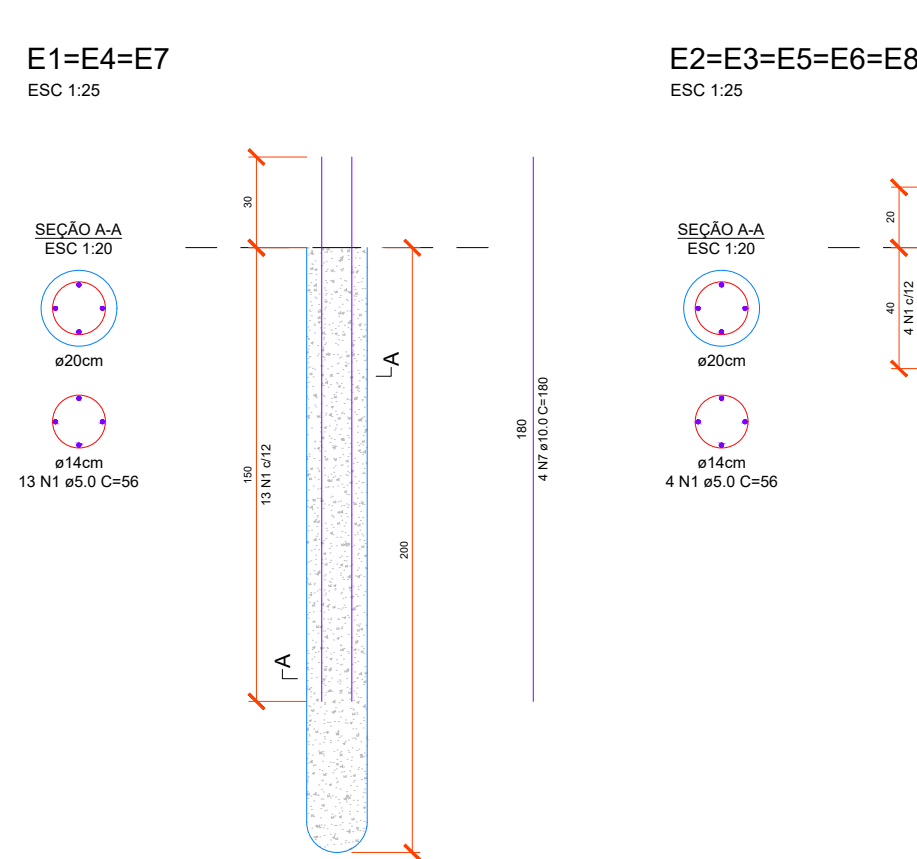
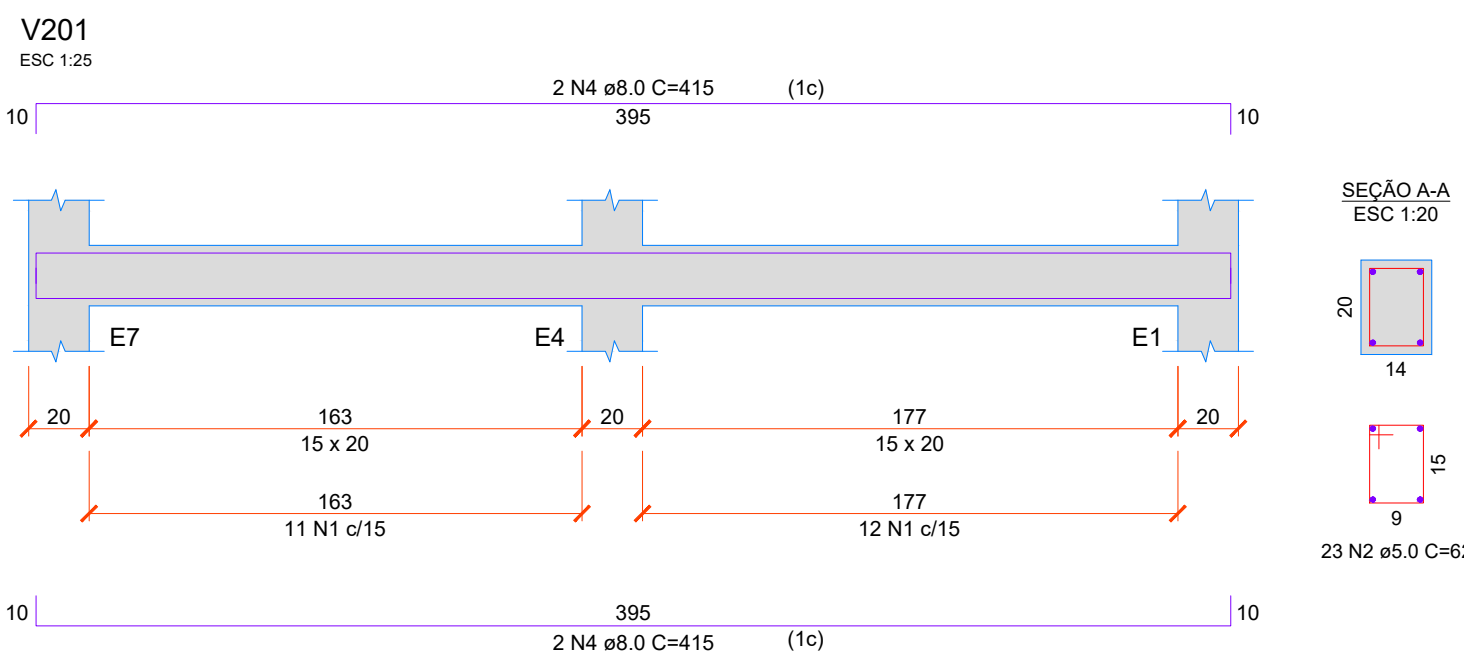
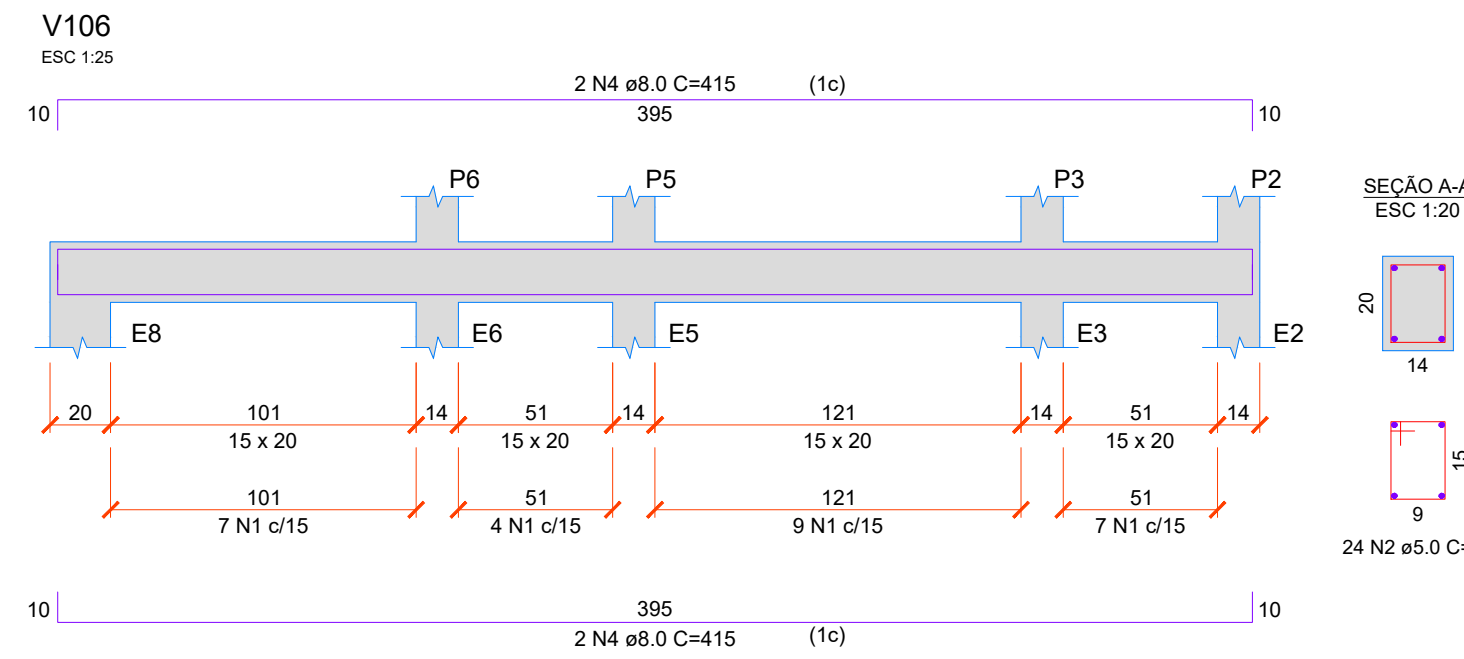
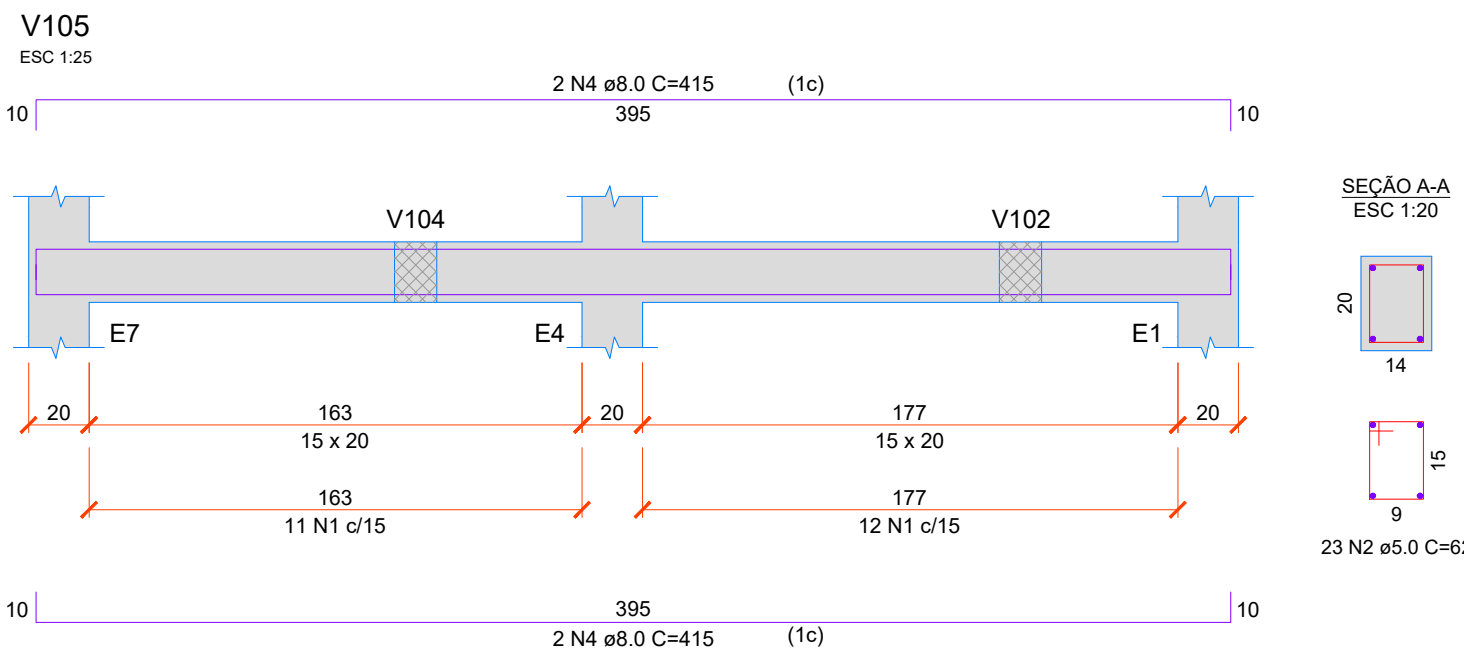
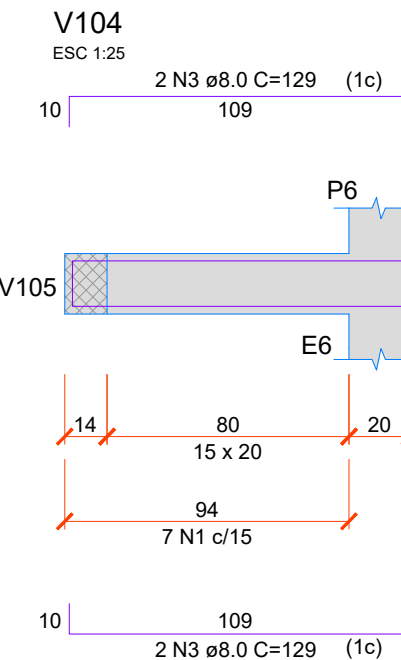
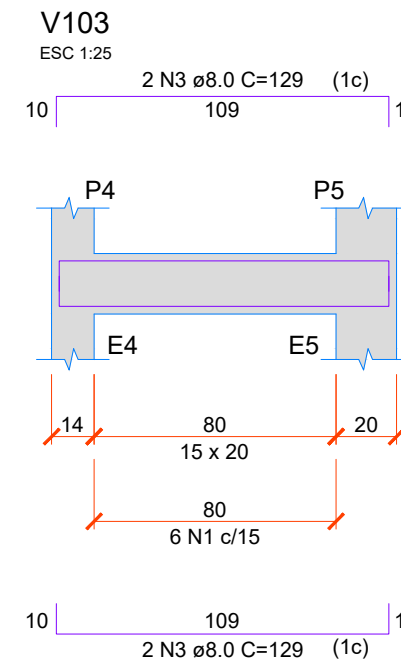
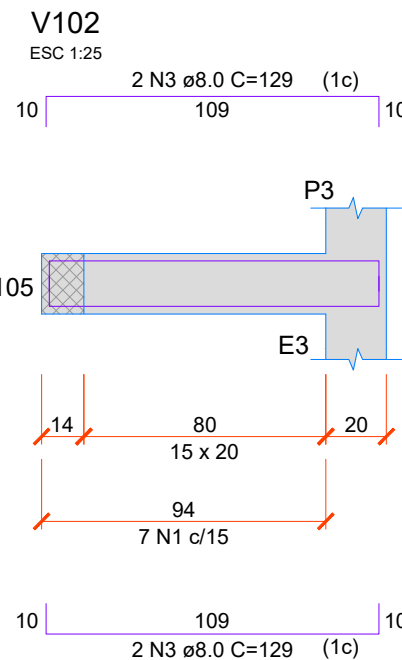
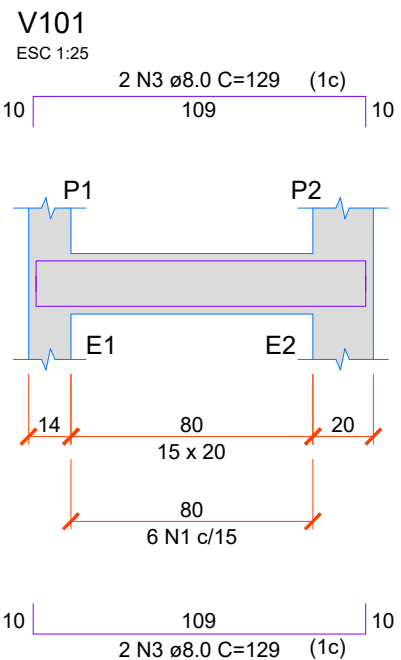
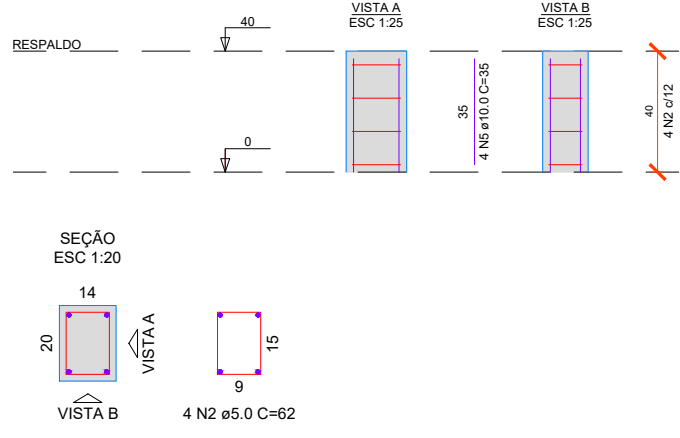


FORMA - NÍVEL 2.50
ESCALA: 1:75

P1=P4=P7
ESC 1:25



P2=P3=P5=P6
ESC 1:25



RELAÇÃO DO AÇO

6xE1
V3

V1
V4

V2

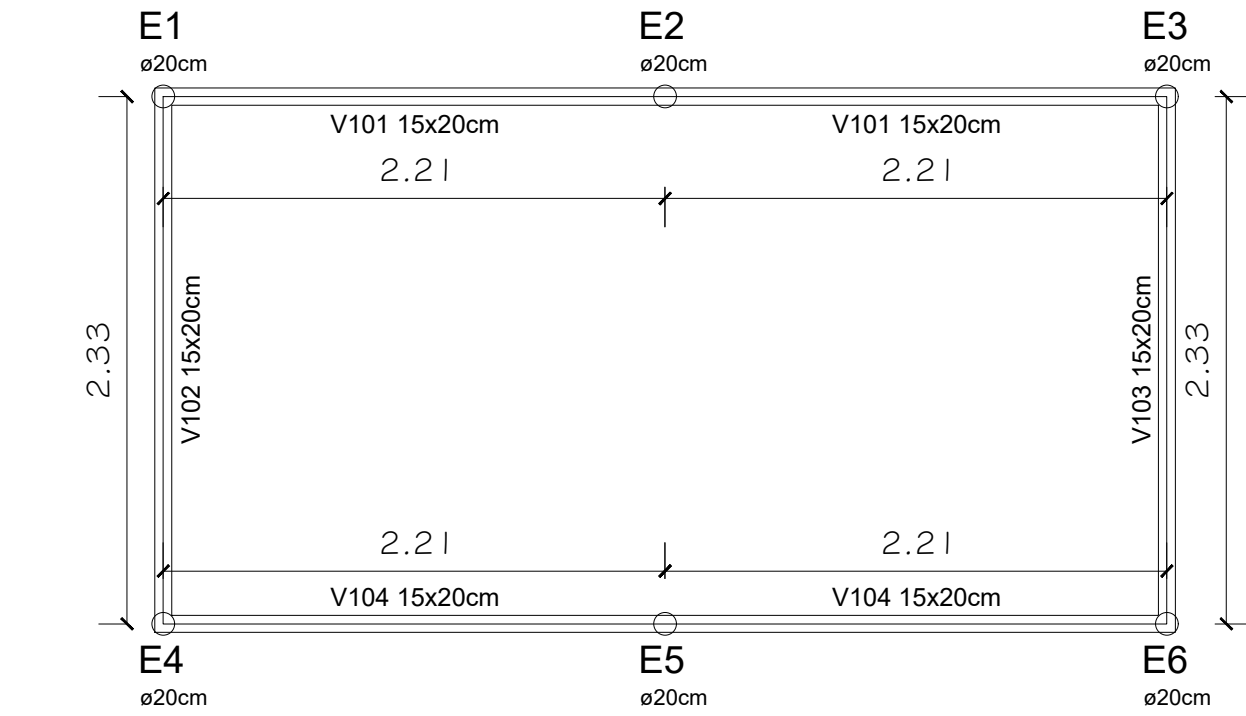
AÇO	N	DIAM. (mm)	QUANT.	C. UNIT (cm)	C. TOTAL (cm)
CA60	1	5.0	59	56	3304
CA50	2	5.0	175	62	10850
	3	8.0	16	129	2064
	4	8.0	12	415	4980
	5	10.0	16	35	560
	6	10.0	12	240	2880

RESUMO DO AÇO

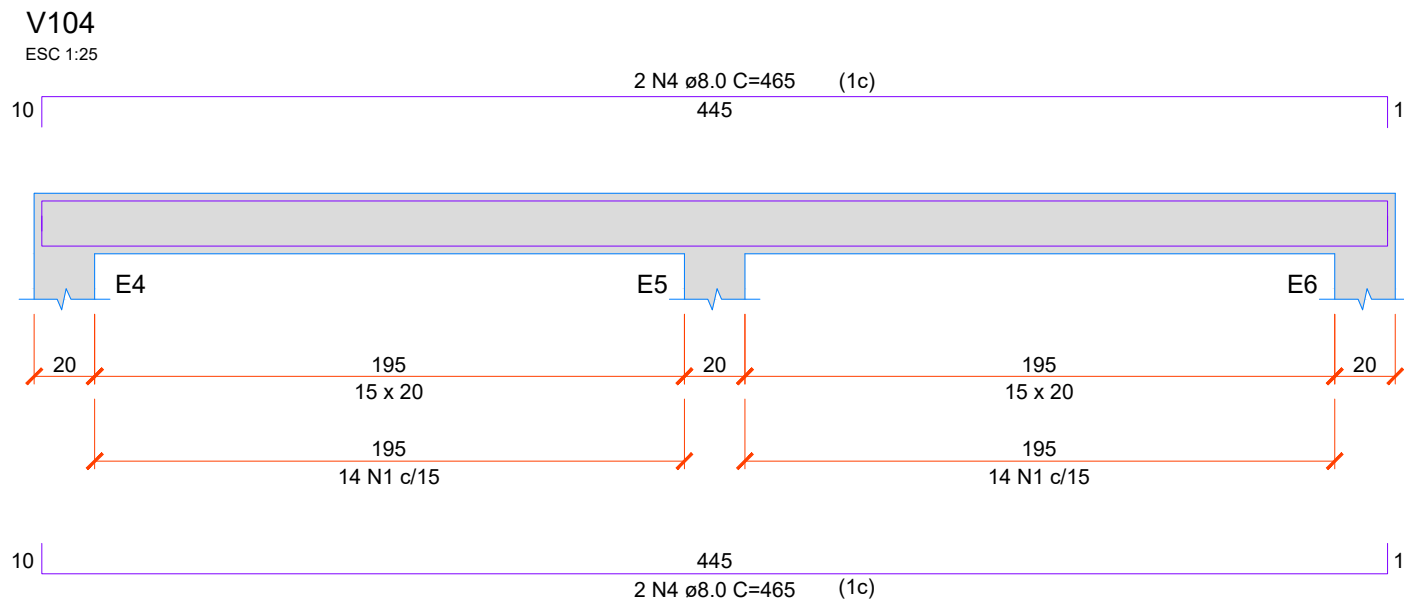
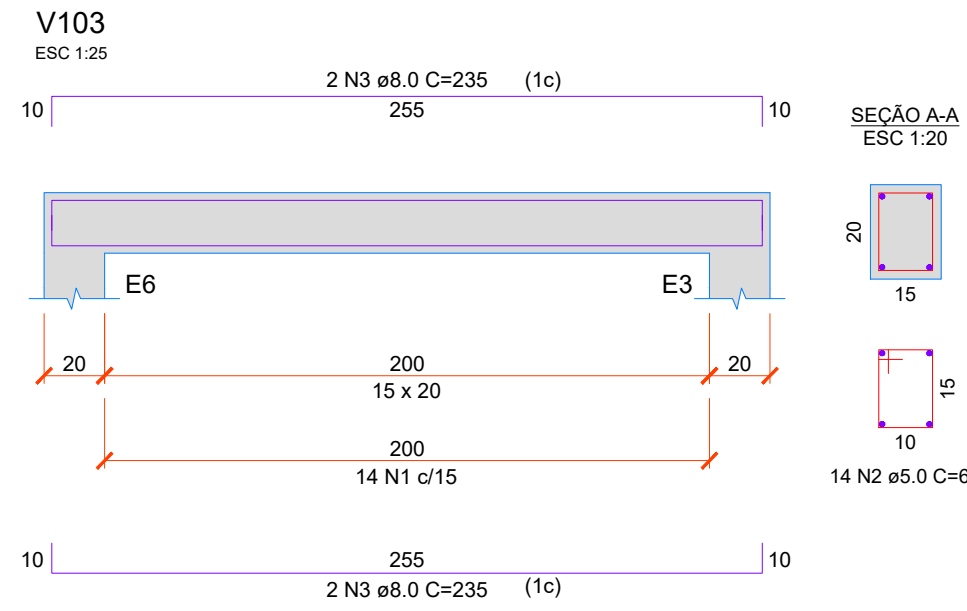
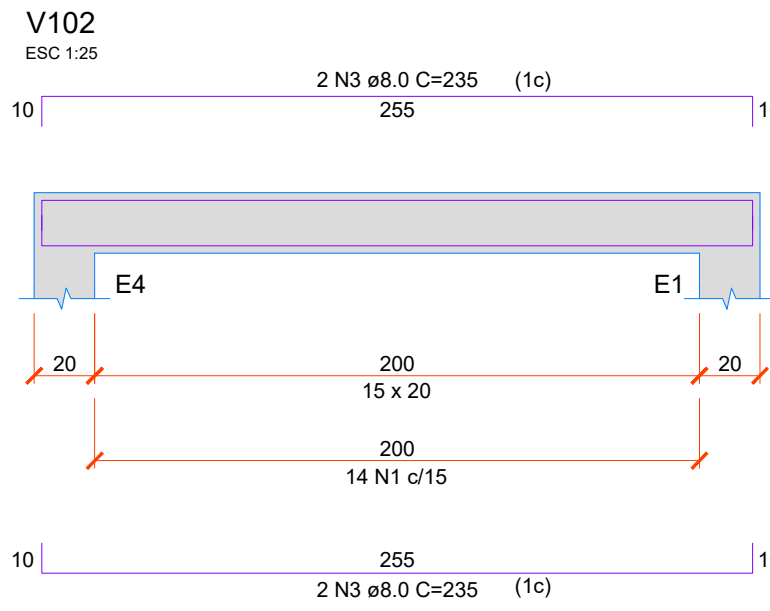
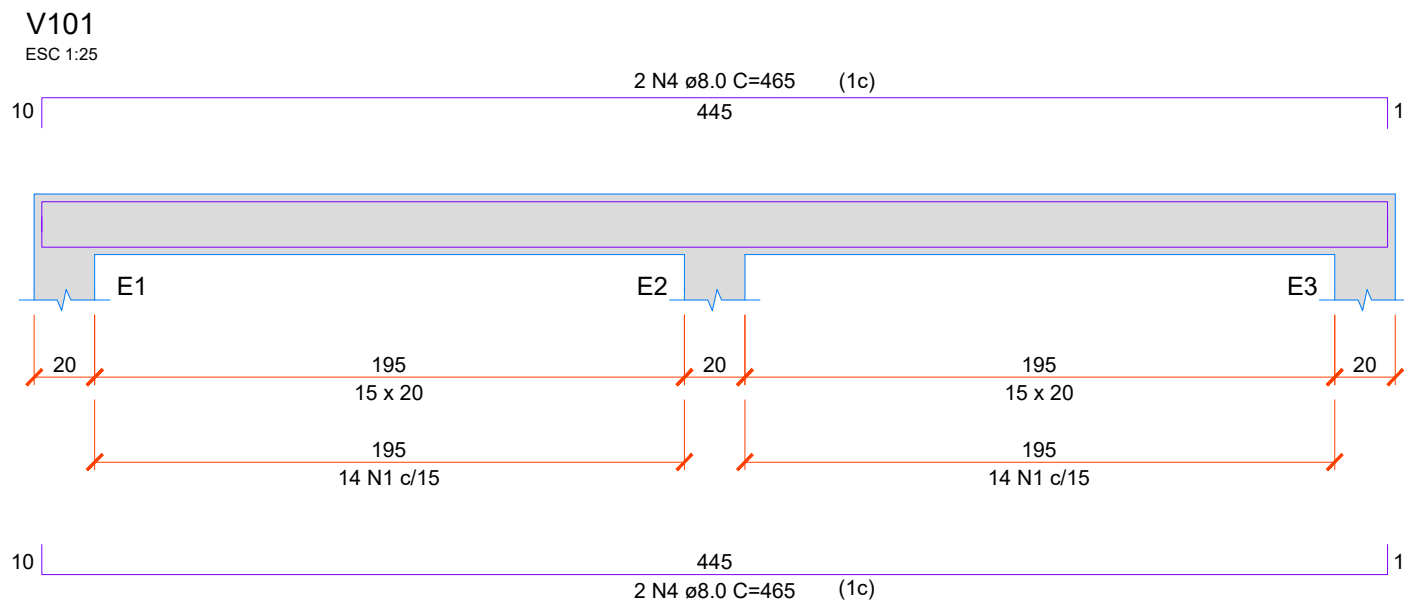
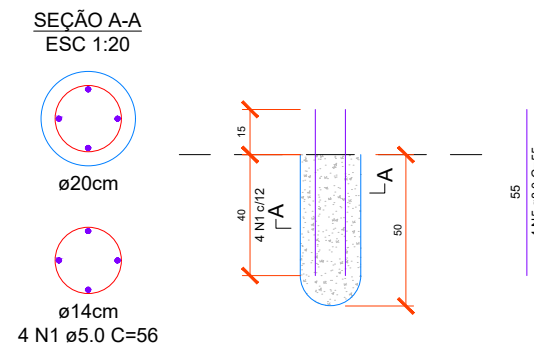
DIAM. (mm)	C. TOTAL (m)	QUANT. + 10% (Barras)	PESO + 10% (Barras)
5.0	141.5	-	24
8.0	70.4	7	30.6
10.0	88	7	46.1
PESO TOTAL (kg)			
CA50	76.7		
CA60	24		

Volume de concreto = 1.03 m³
Área de forma = 9.82 m²

ESTRUTURAL - BASE PARA CONTAINER



E1=E2=E3=E4=E5=E6
ESC 1:25



RELAÇÃO DO AÇO

6xE1		V1		V2	
V3		V4			
AÇO	N	DIAM. (mm)	QUANT.	C. UNIT (cm)	C. TOTAL (cm)
CA60	1	5.0	24	56	1344
	2	5.0	84	62	5208
CA50	3	8.0	8	255	2040
	4	8.0	8	465	3720

RESUMO DO AÇO

DIAM. (mm)	C. TOTAL (m)	QUANT. + 10% (Barras)	PESO + 10% (Barras)
5.0	65.5	-	11.1
8.0	57.6	6	25
PESO TOTAL (kg)			
CA50	25		
CA60	11.1		

Volume de concreto = 0.52 m³
Área de forma = 5.40 m²

APROVAÇÃO:

PREFEITURA MUNICIPAL DE FLÓRIDA

PROJETO APROVADO!

DATA: / /

GUSTAVO HENRIQUE BERALDI MARALDI
ENGENHEIRO CIVIL - CREA-PR 175.155/D

VOLTRA ARQUITETURA

JOÃO IGLESIAS - (47) 99102-3138

PROJETO ESTRUTURAL

ÁREA INSTITUCIONAL

PROJETO/OBRA: **QUADRA DE AREIA**

LOCAL DA OBRA: **FLÓRIDA-PR. CEP.:86780-000**

CONTEÚDO: **PLANTA DE LOCAÇÃO, PLANTA DE FORMA E DETALHES ESTRUTURAIS - DUCHAS**

PRINCHA:

03

03

ESCALA: INDICADA

DATA: JUNHO 2025

MUNICÍPIO DE FLÓRIDA
CNPJ: 75.772.400/0001-14