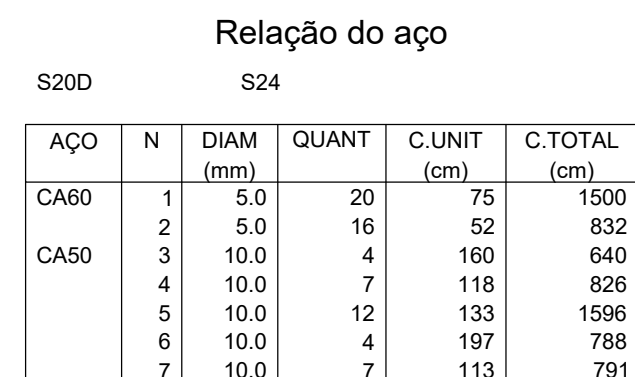
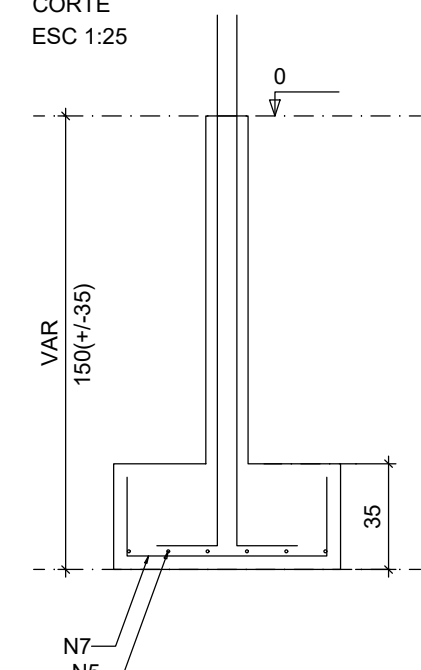
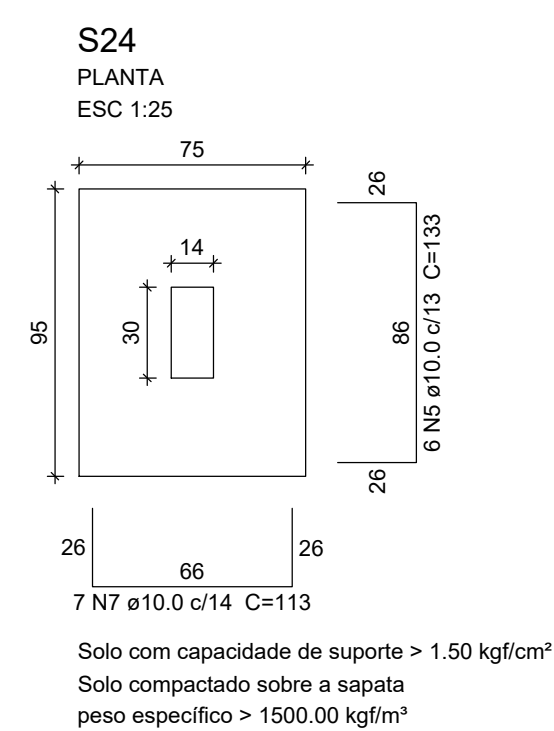
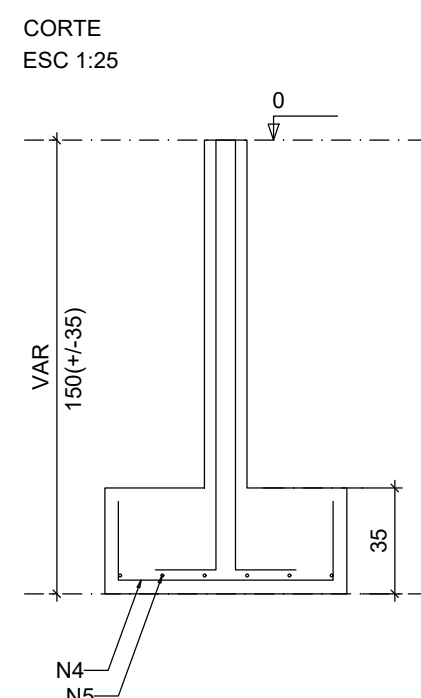
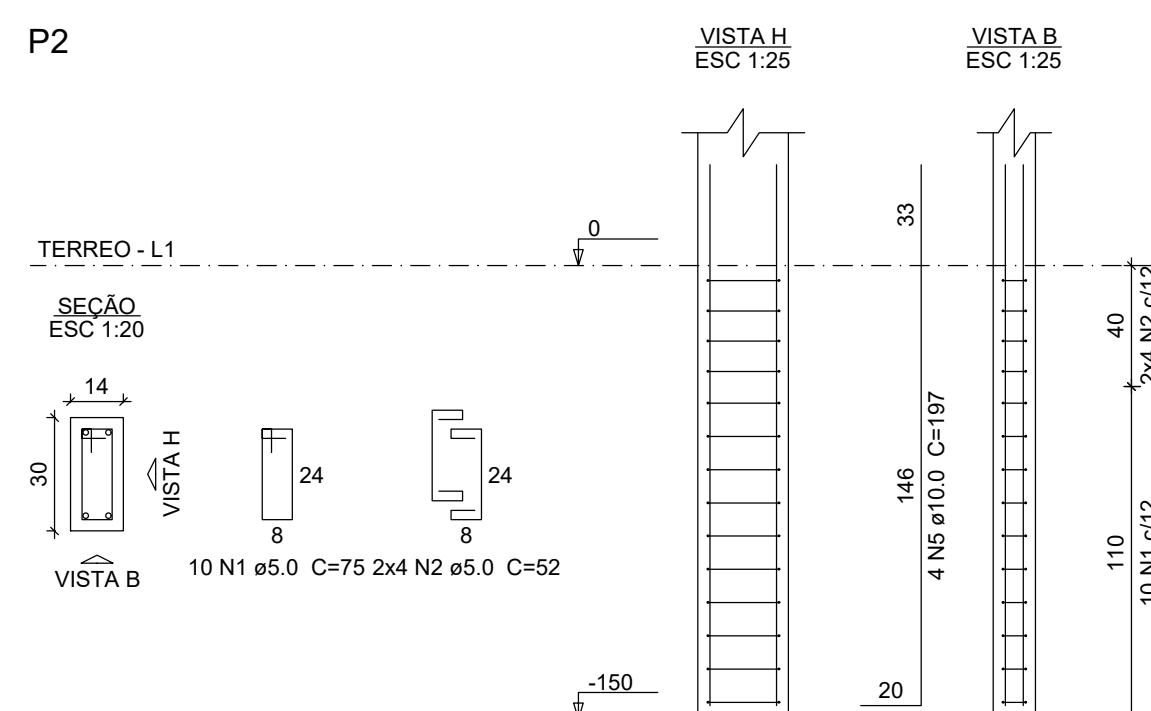
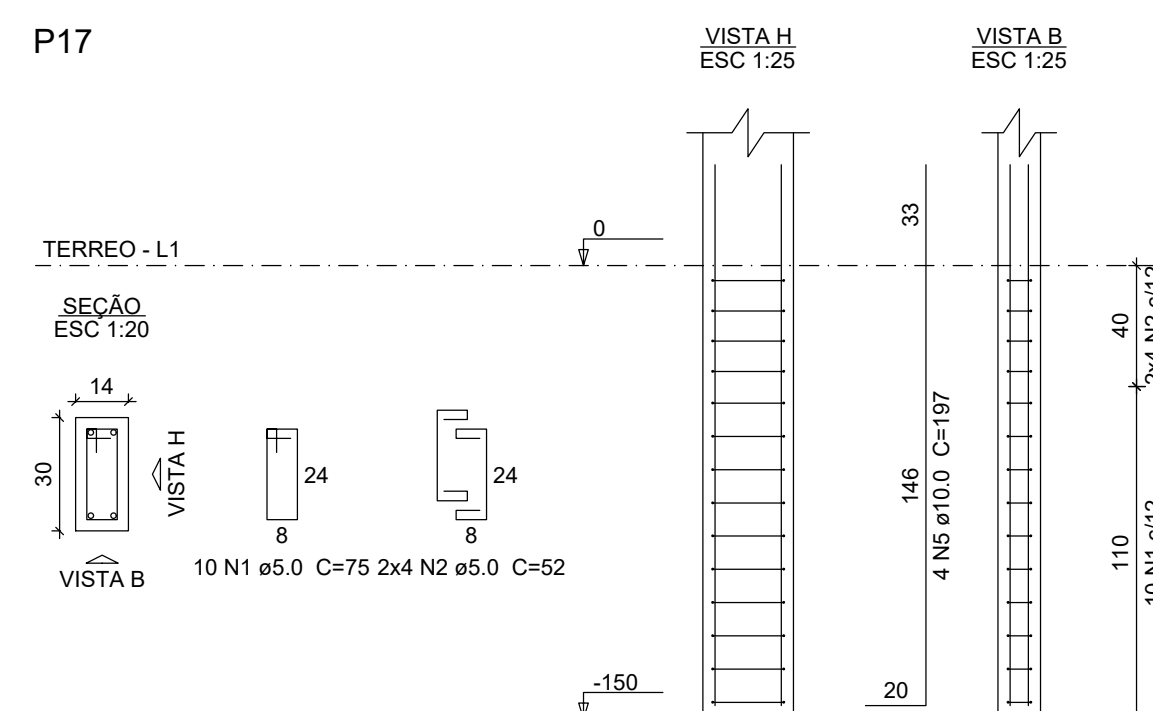
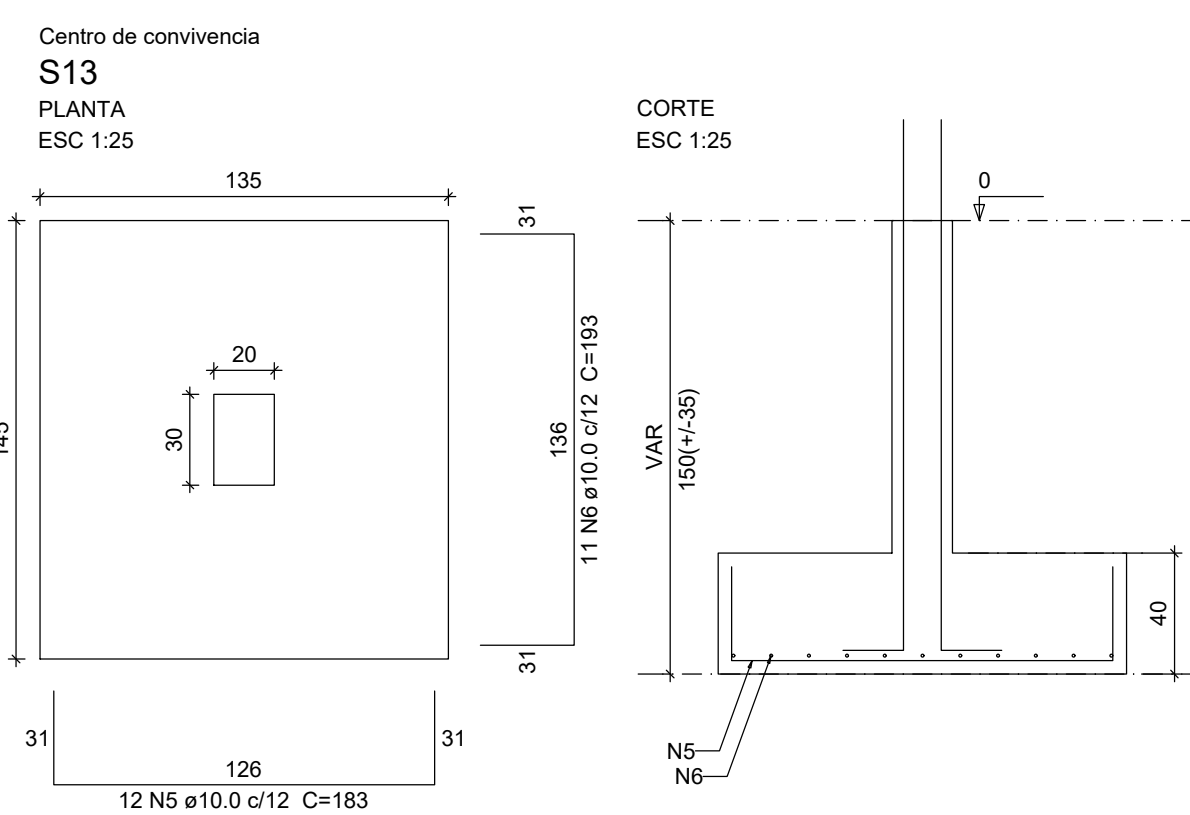
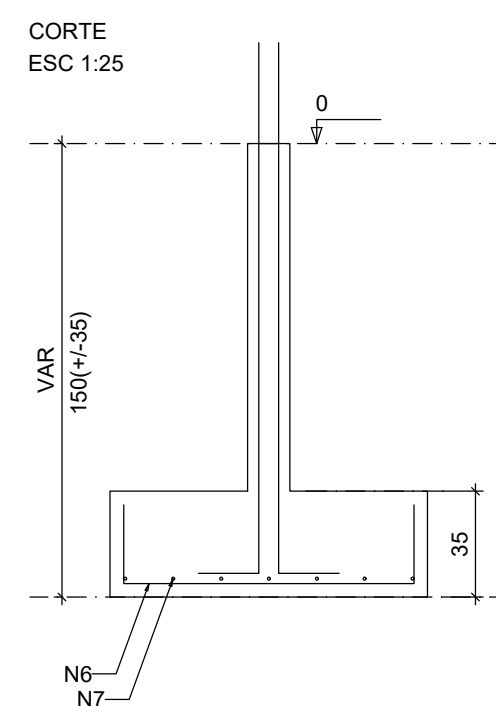




Resumo do aço			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	46.5	31.5
CA60	5.0	23.4	4
PESO TOTAL (kg)			
CA50	31.5		
CA60	4		

Volume de concreto (C-30) = 0.61 m³
Área de forma = 4.44 m²



Relação do aço

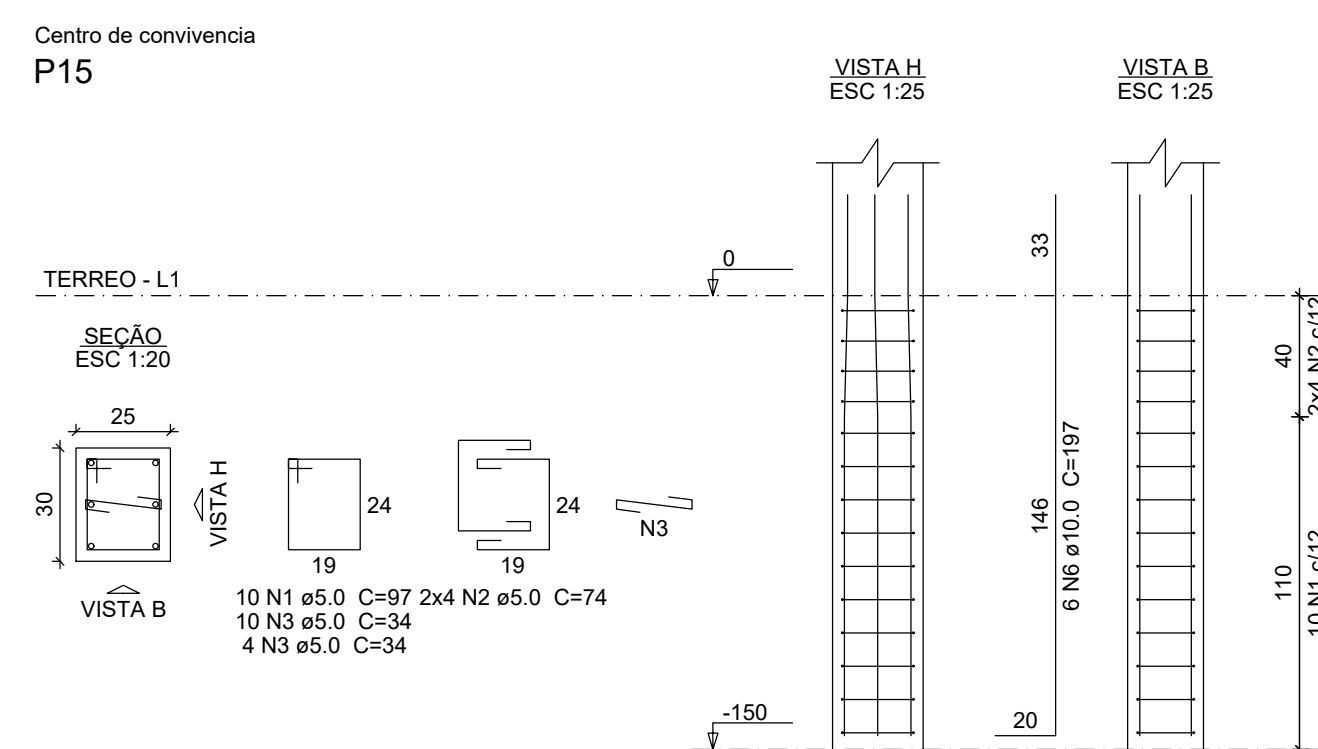
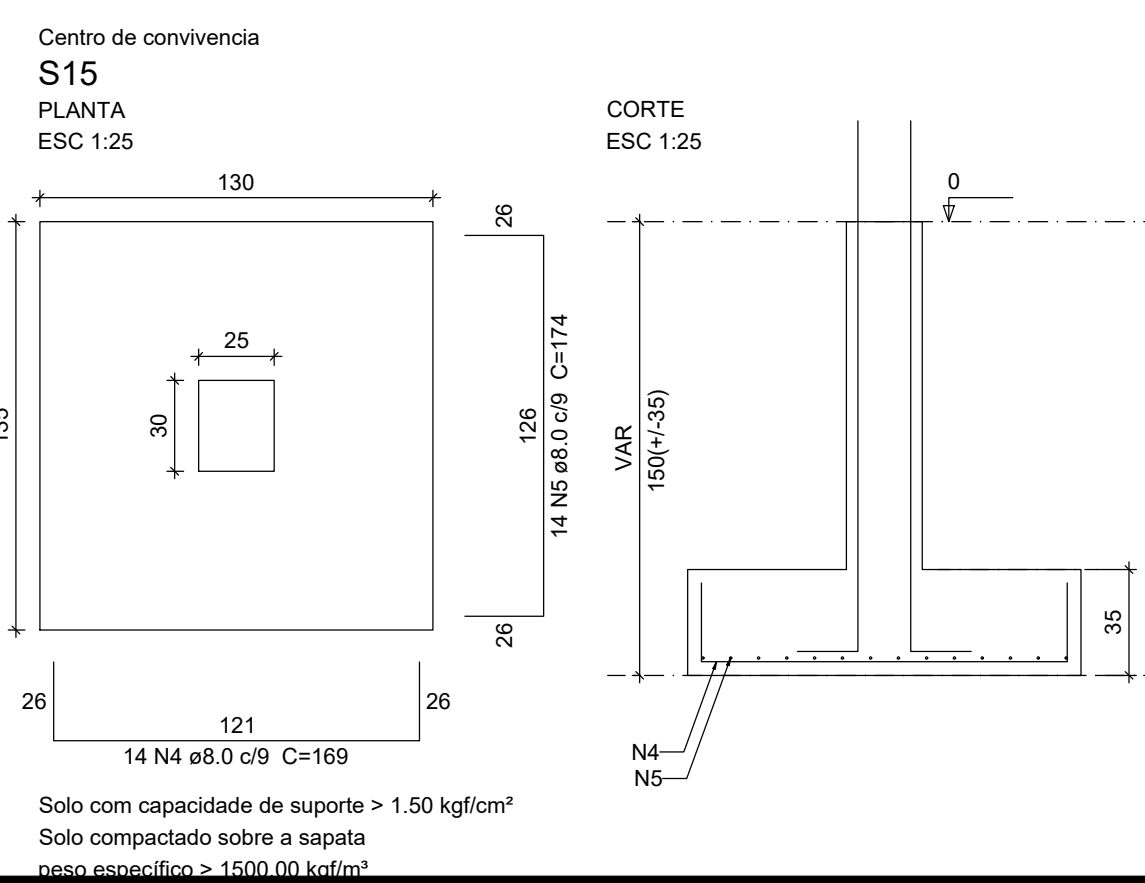
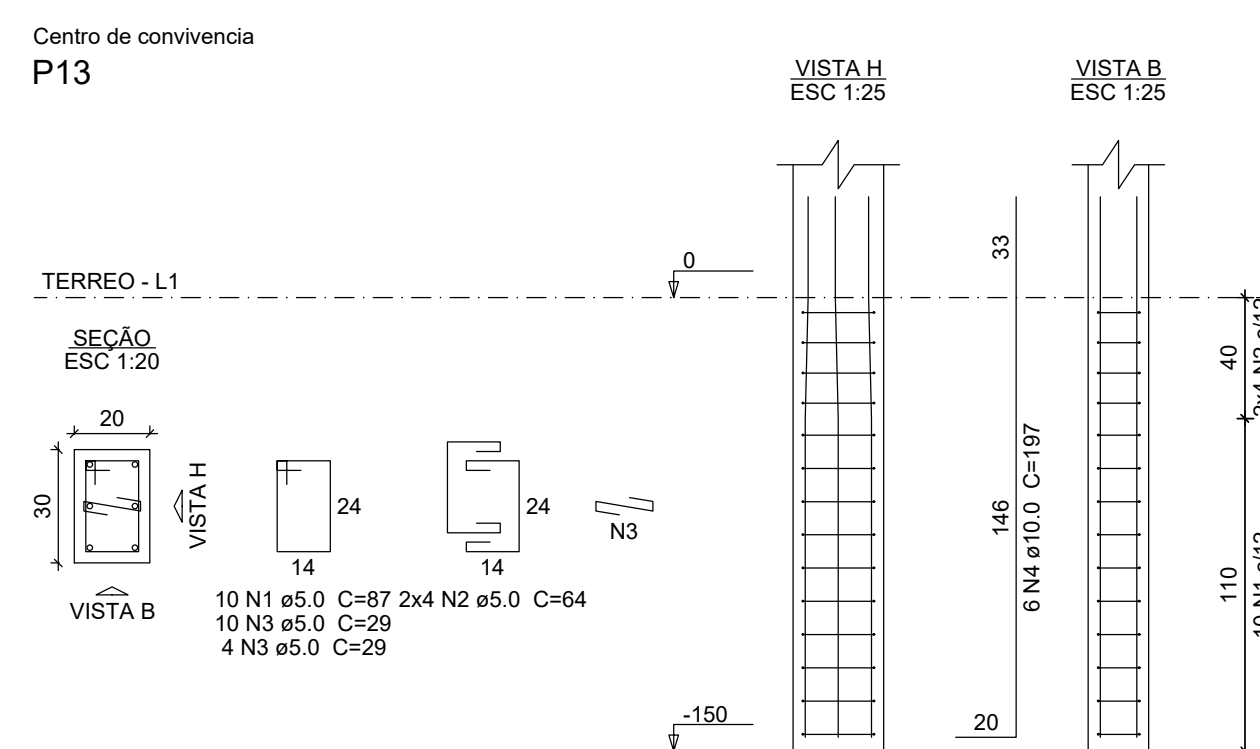
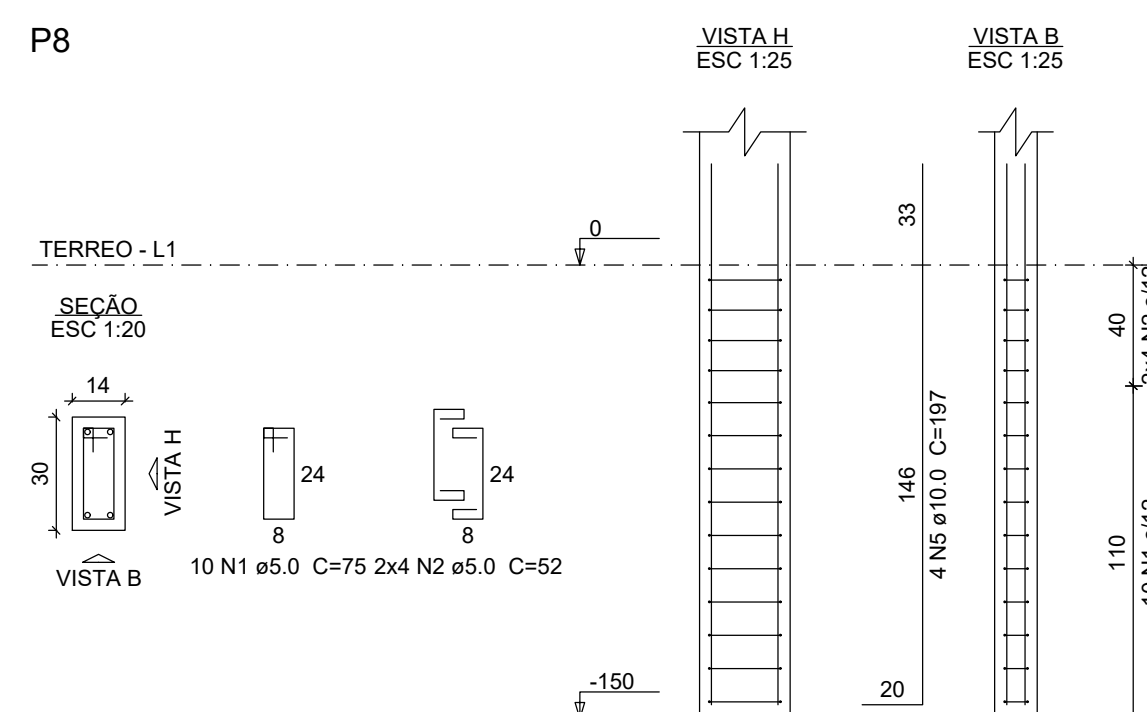
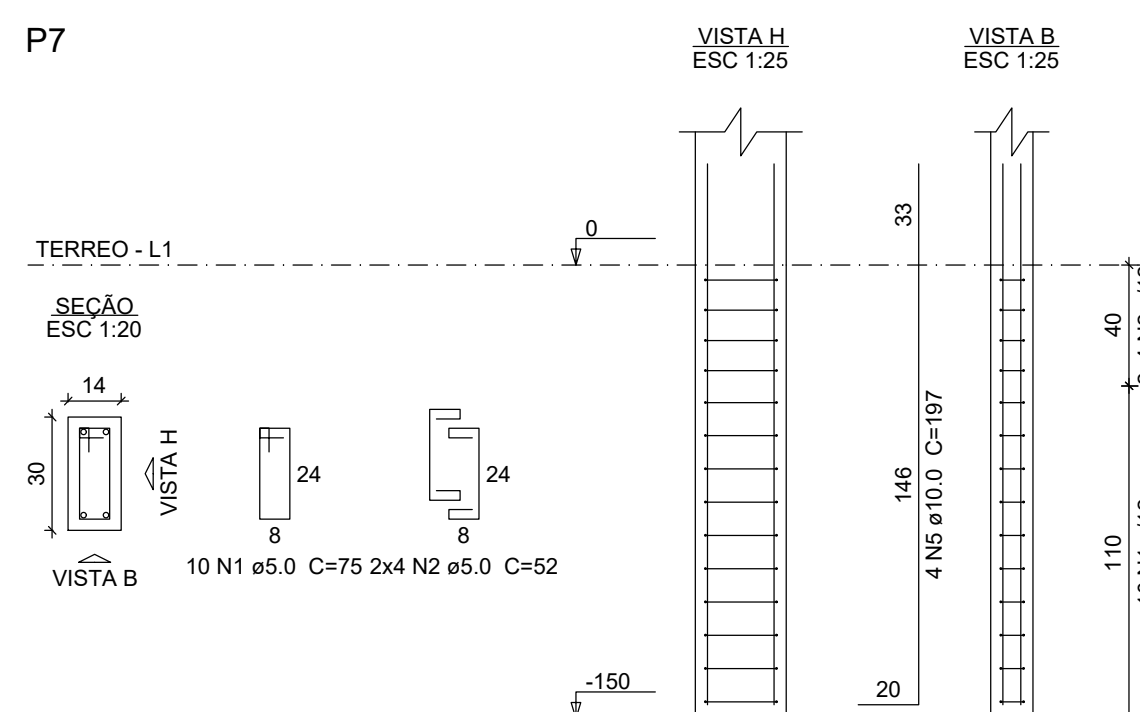
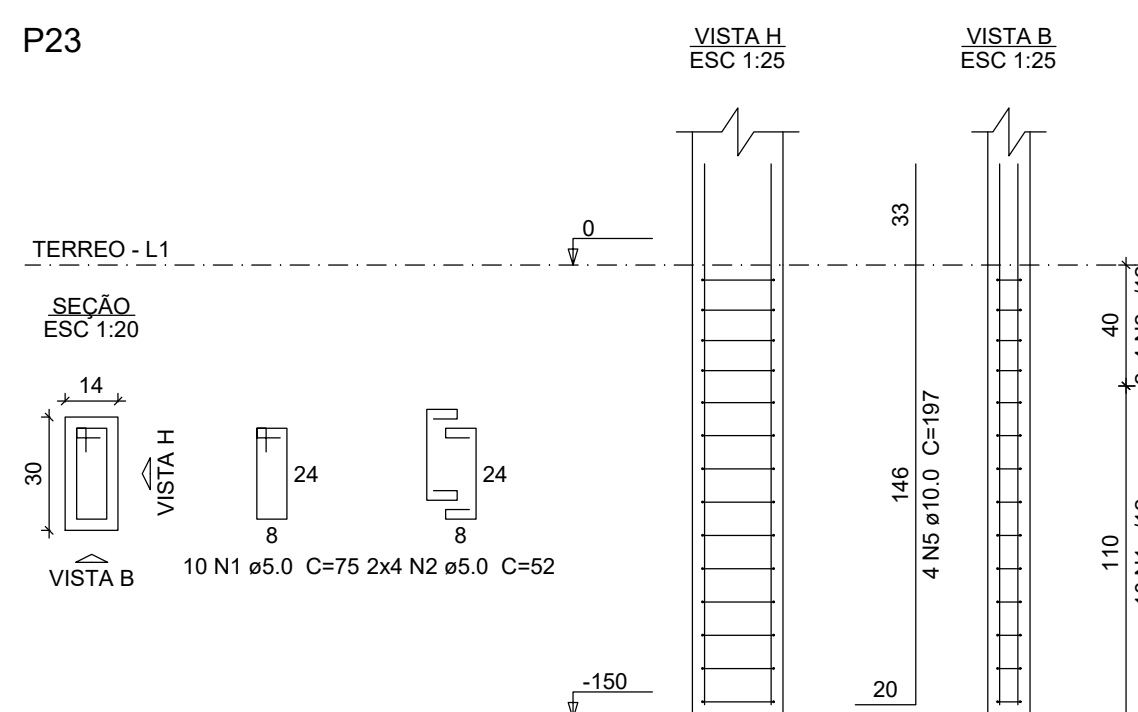
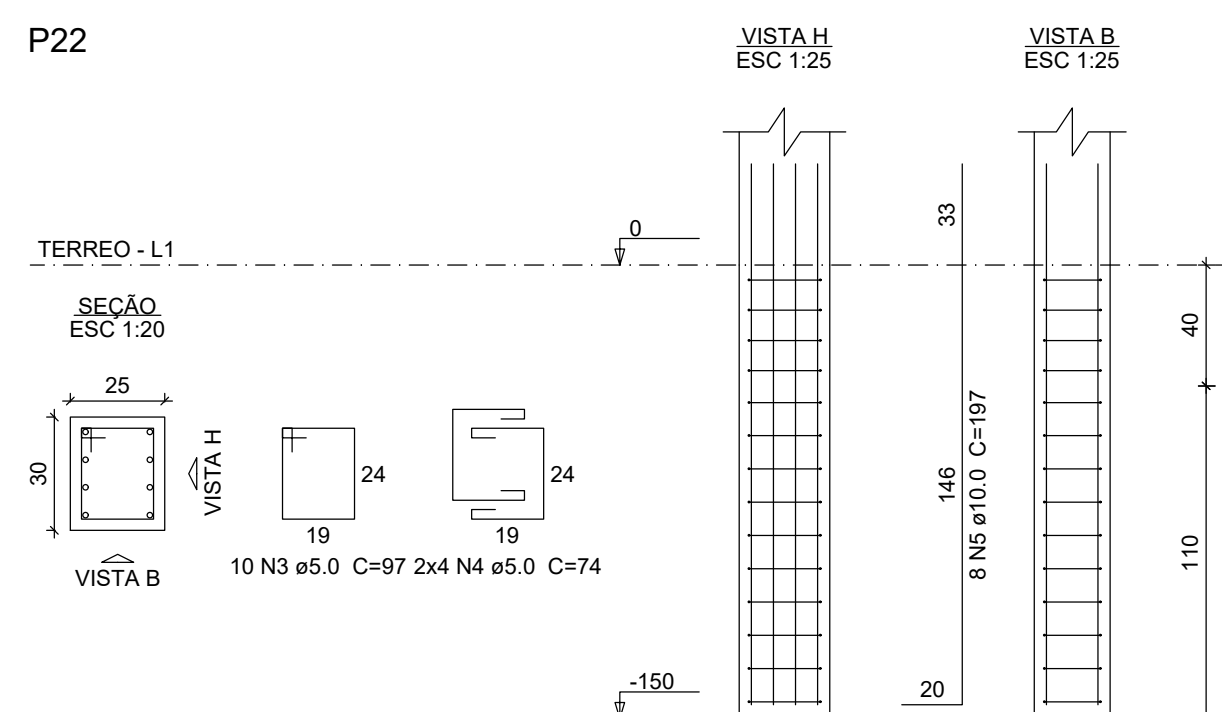
S23

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	60	75	4500
	2	5,0	48	52	2496
	3	5,0	10	97	970
	4	5,0	8	74	592
CA50	5	10,0	32	197	6304
	6	10,0	56	143	8008
	7	10,0	49	158	7742

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	220.6	149.6
CA60	5.0	85.6	14.5
PESO TOTAL (kg)			
CA50			149.6
CA60			14.5

Volume de concreto (C-30) = 3.46 m³
Área de forma = 18.36 m²

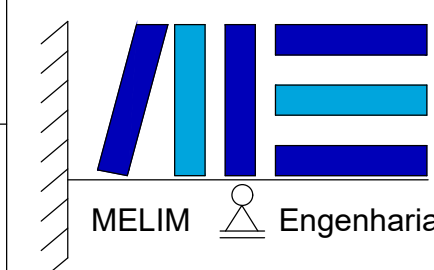


RESPONSÁVEL TÉCNICO
Engº NELSON LUIS MELIM

PROPRIETÁRIO
PREFEITURA MUNICIPAL DE VIDAL RAMOS

Eng.º Civil Nelson Luis Melim
CREA/SC - 052.036-9

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OBRA:	CENTRO DE IDOSOS
PROPRIETARIO:	PREFEITURA MUNICIPAL DE VIDAL RAMOS CNPJ: 83.102.376/0001-34
LOCALIZAÇÃO:	RODOVIA SC 110 - VIDAL RAMOS

Projeto: ESTRUTURAL

Conteúdo: Fundação 02

DATA:	ÁREA	DESENHO:	ESCALAS:
Dezembro/2025	489,35m²	Tarciso	Indicadas