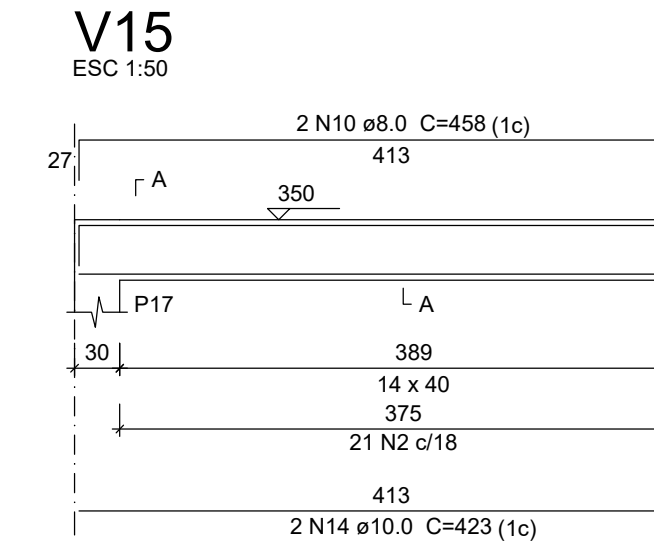
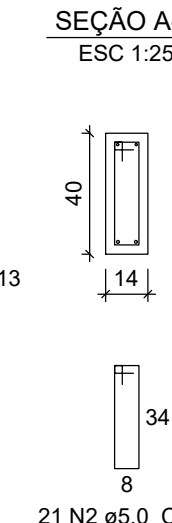
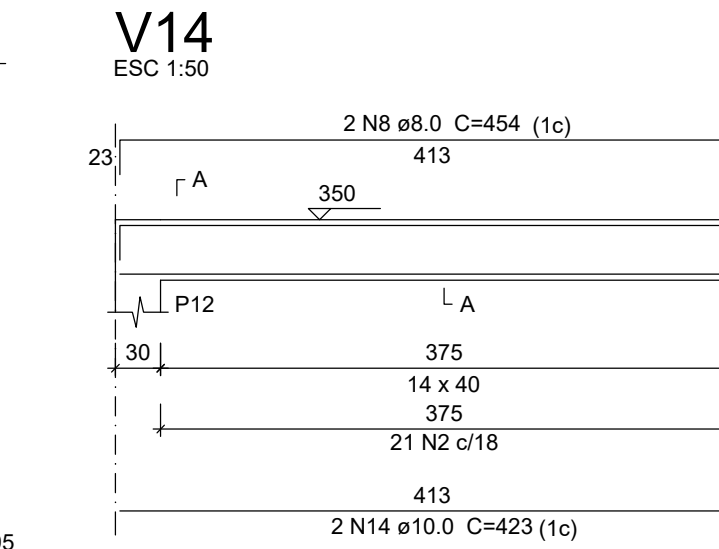
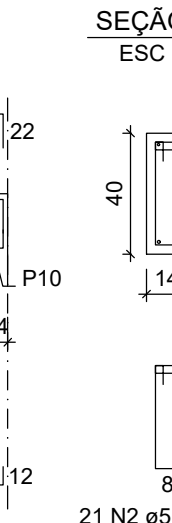
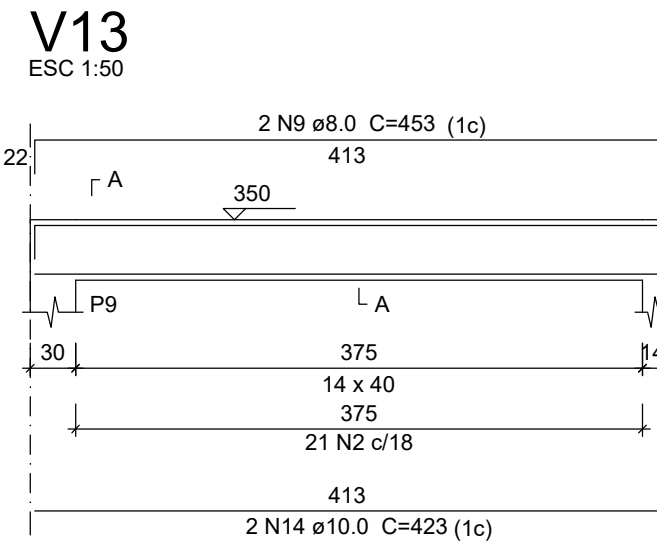
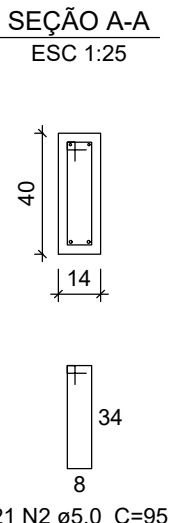
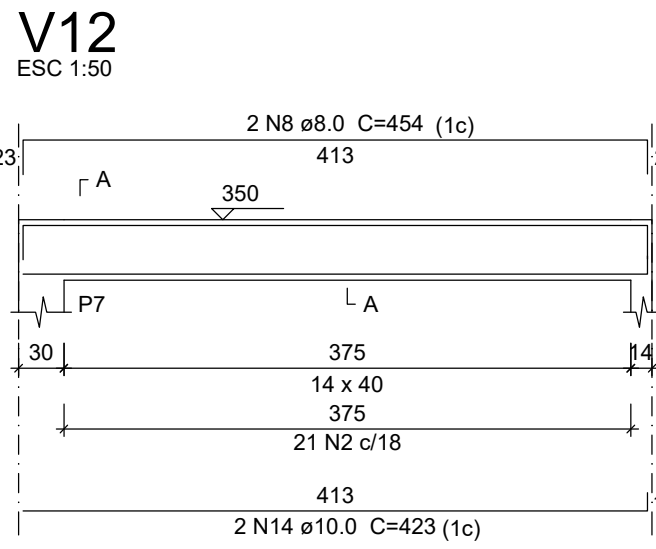
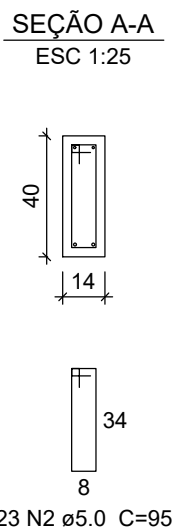
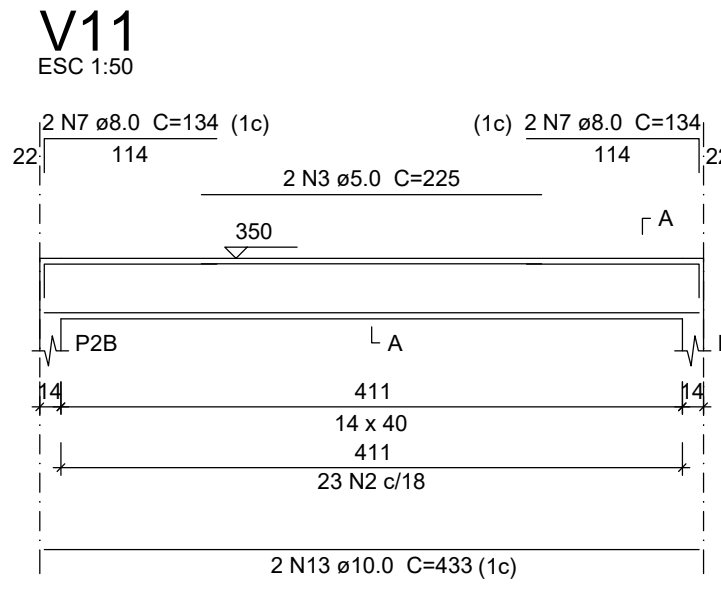
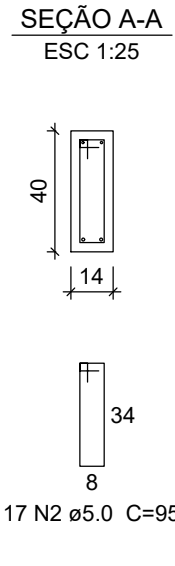
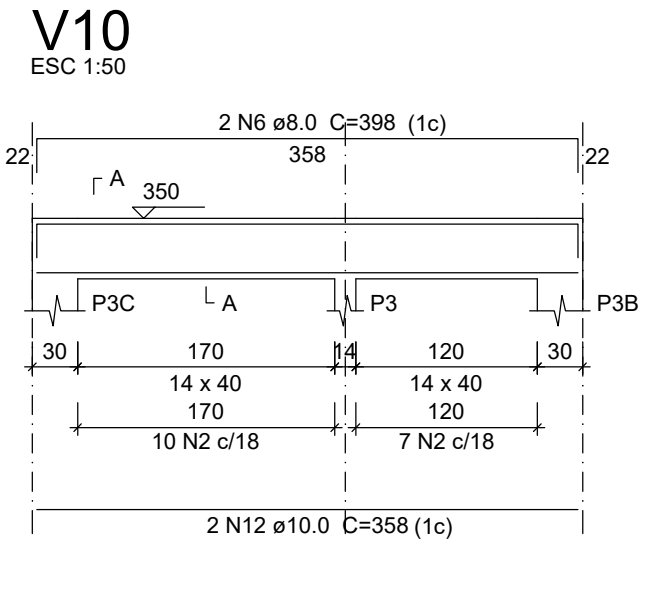
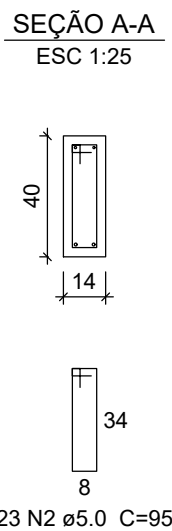
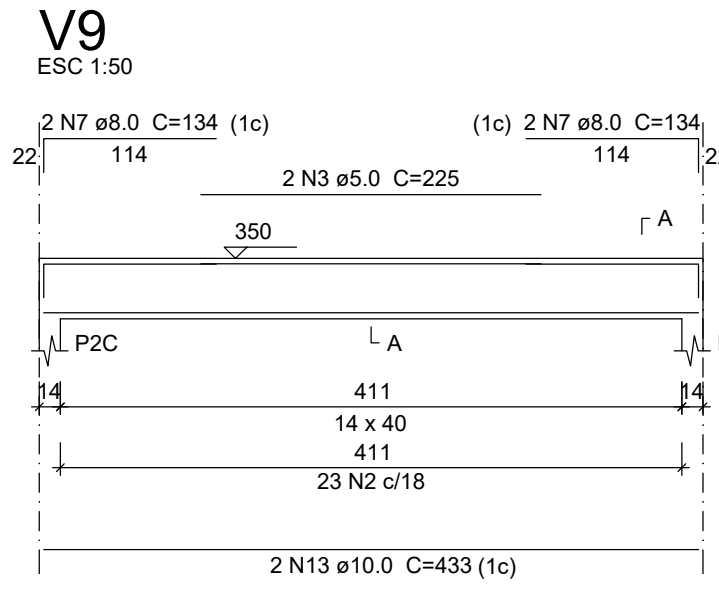
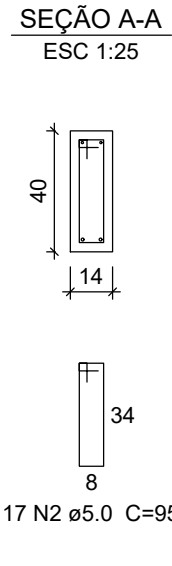
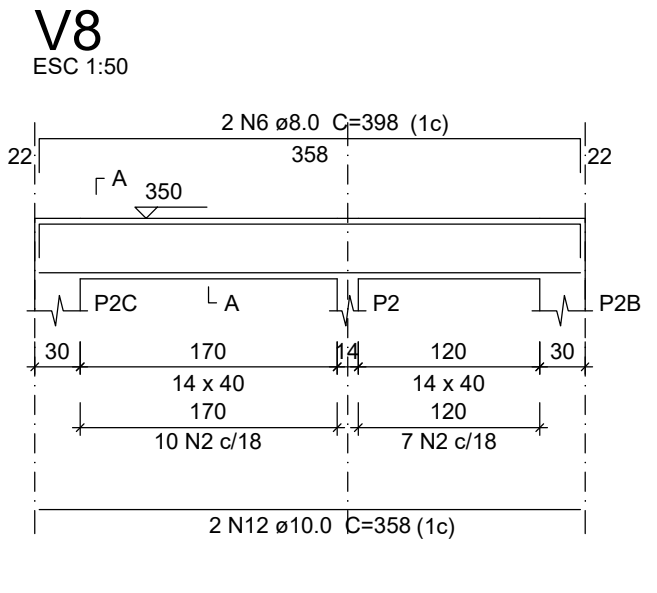
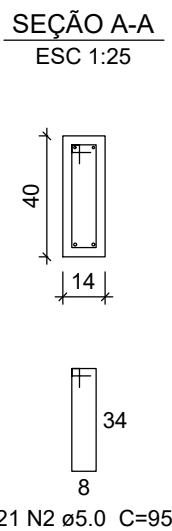
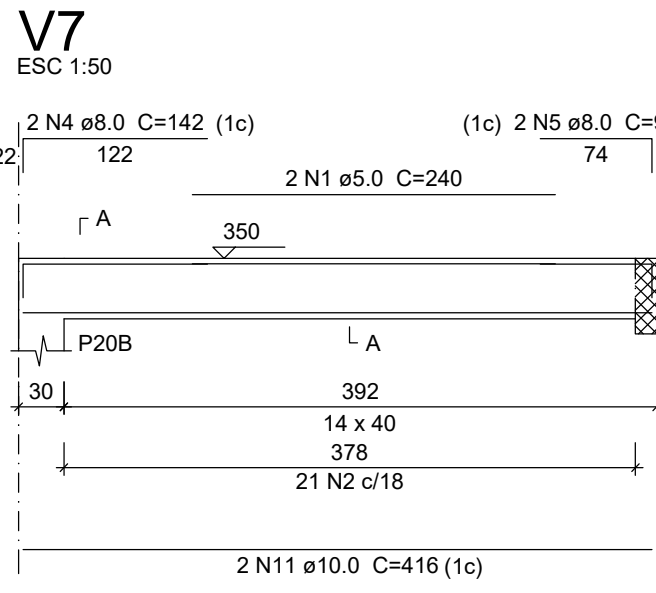


Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	240	480
	2	5.0	185	95	17575
	3	5.0	4	225	900
CA50	4	8.0	2	142	284
	5	8.0	2	94	188
	6	8.0	4	398	1592
	7	8.0	8	134	1072
	8	8.0	4	454	1816
	9	8.0	2	453	906
	10	8.0	2	458	916
	11	10.0	2	416	832
	12	10.0	4	358	1432
	13	10.0	4	433	1732
	14	10.0	8	423	3384

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	67.8	29.4
CA50	10.0	73.8	50.1
CA60	5.0	189.6	32.1
PESO TOTAL (kg)			
CA50	79.5		
CA60	32.1		

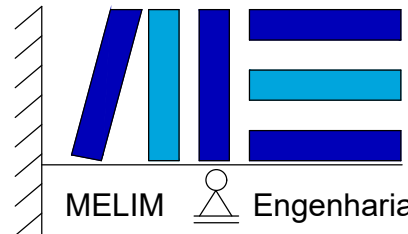
Volume de concreto (C-25) = 1.84 m³
Área de forma = 30.96 m²

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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Fone (047) 999886066
89.160-000 - Rio do Sul / SC
e-mail - melimconstrutora@gmail.com



OBRA: CENTRO DE IDOSOS

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE VIDAL RAMOS
CNPJ: 83.102.376/0001-34

LOCALIZAÇÃO: RODOVIA SC 110 - VIDAL RAMOS

Projeto: ESTRUTURAL

Conteúdo: Vigas cobertura 02

PRANCHA
11/13

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