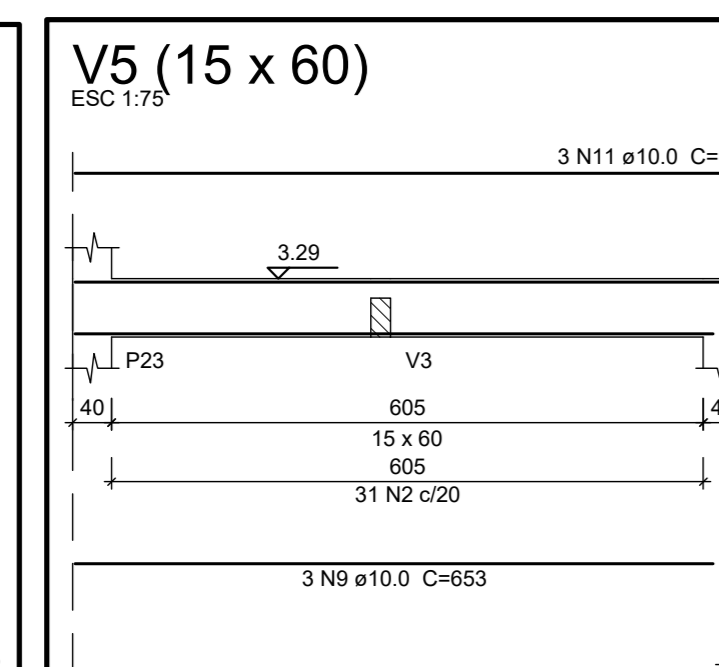
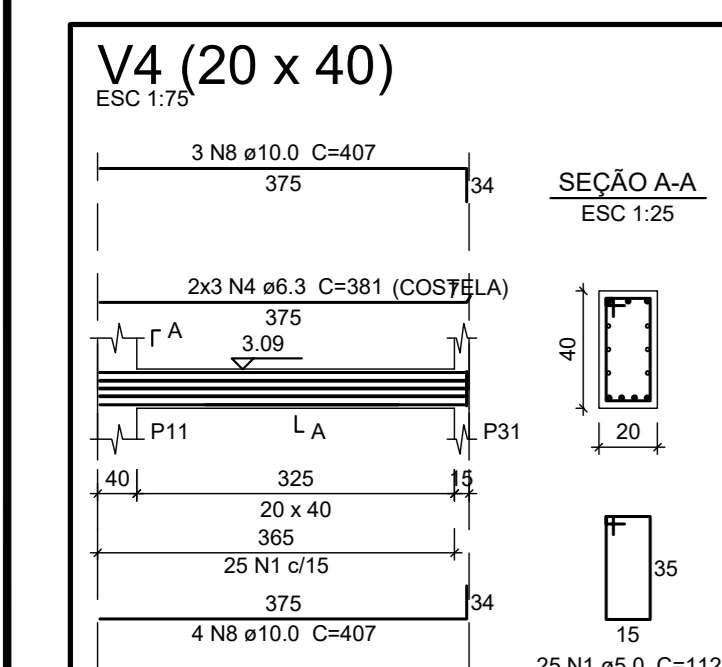
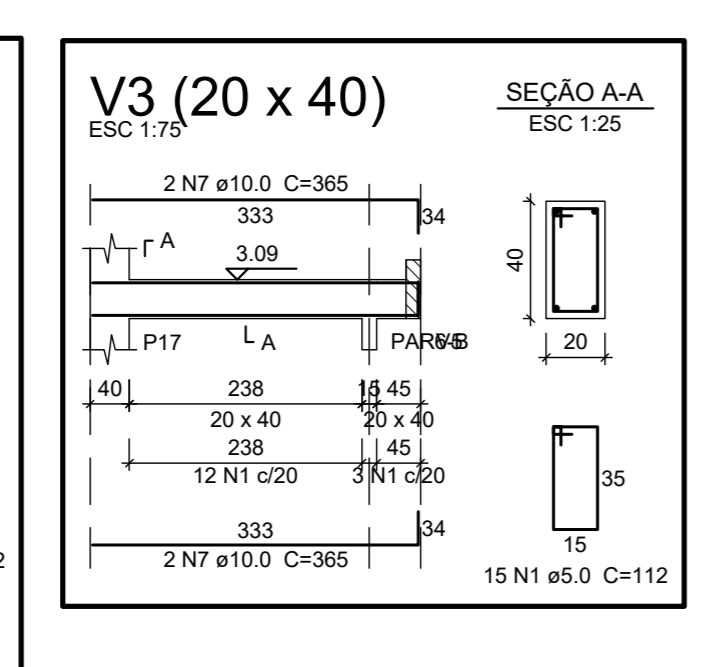
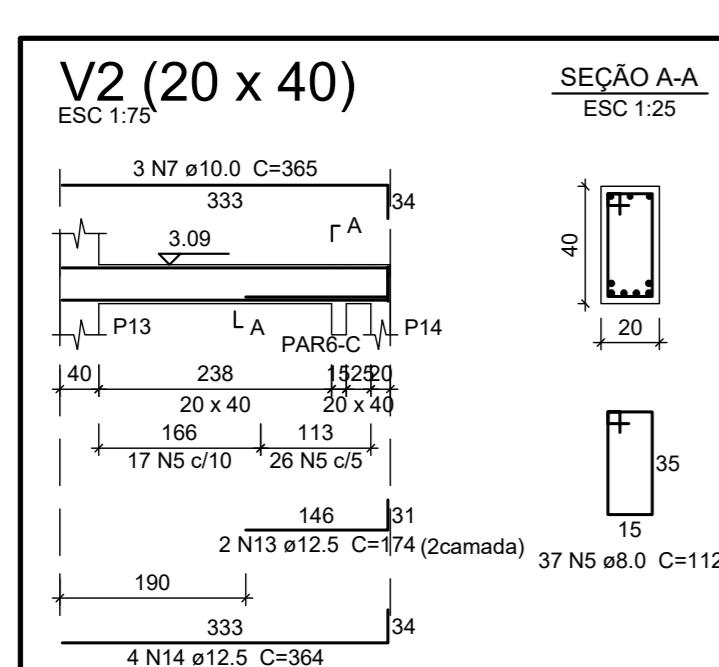
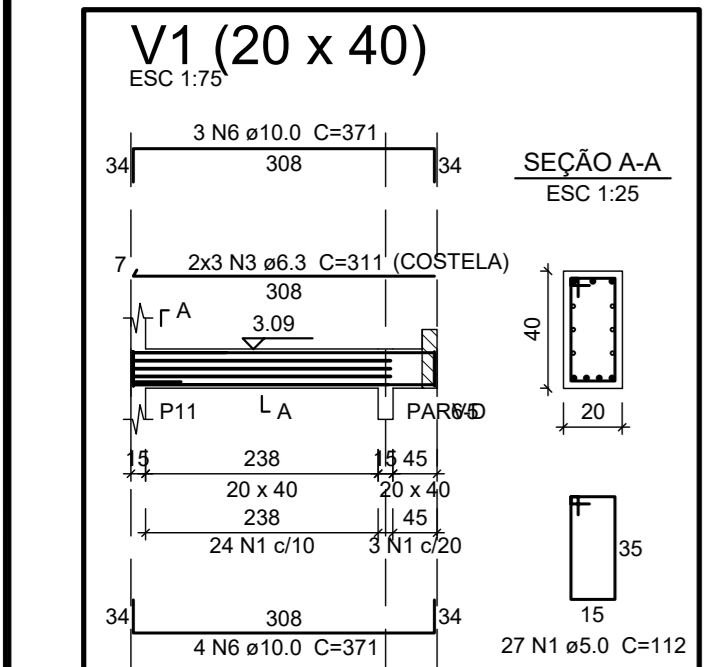
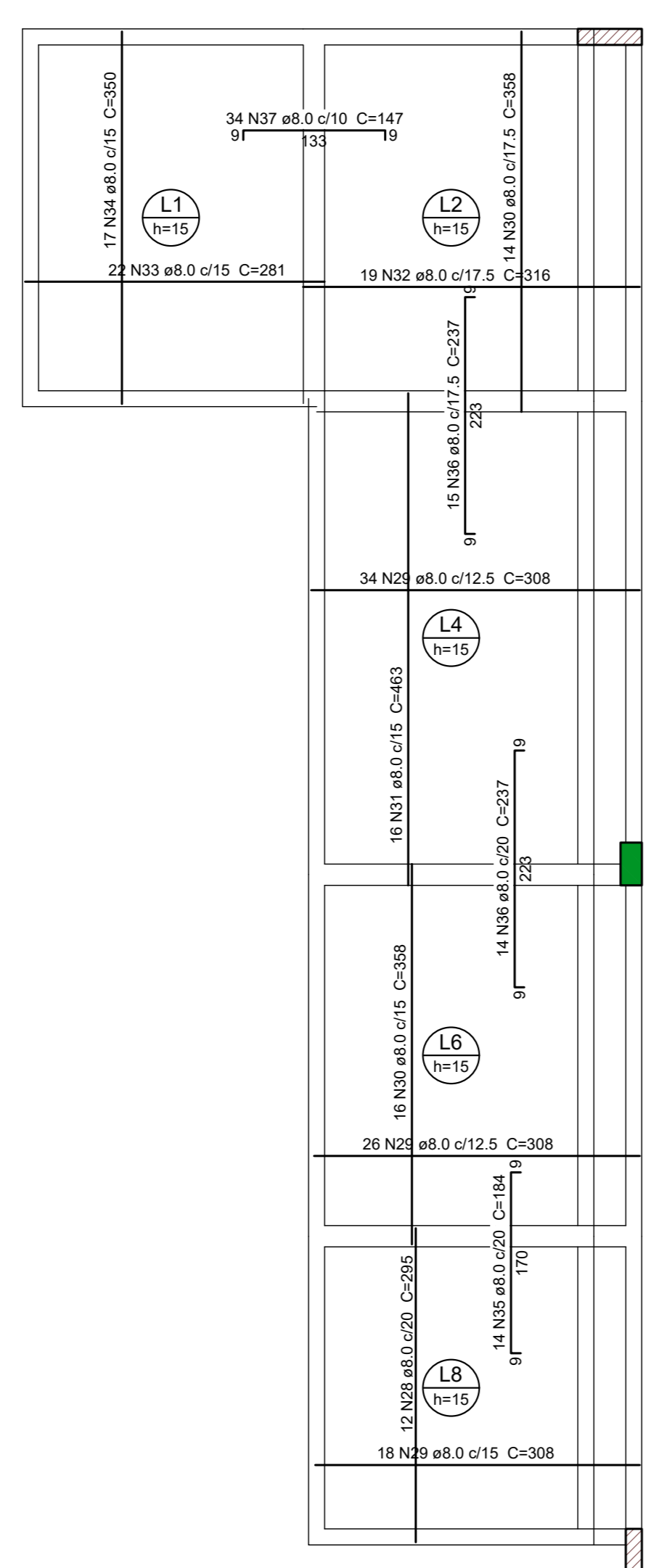


Forma do Fundo Piscina (Nível 3.09) escala 1:50

Armação das lajes (309.0) escala 1:50

Área de lajes			
Tipo	Álgebra	Bloco de Enclausuramento	Área (m²)
Margem	15	-	43,89

Características dos materiais
 For (MPa) 25
 Dimensão máxima do agregado = 19 mm



Resumo do aço das vigas

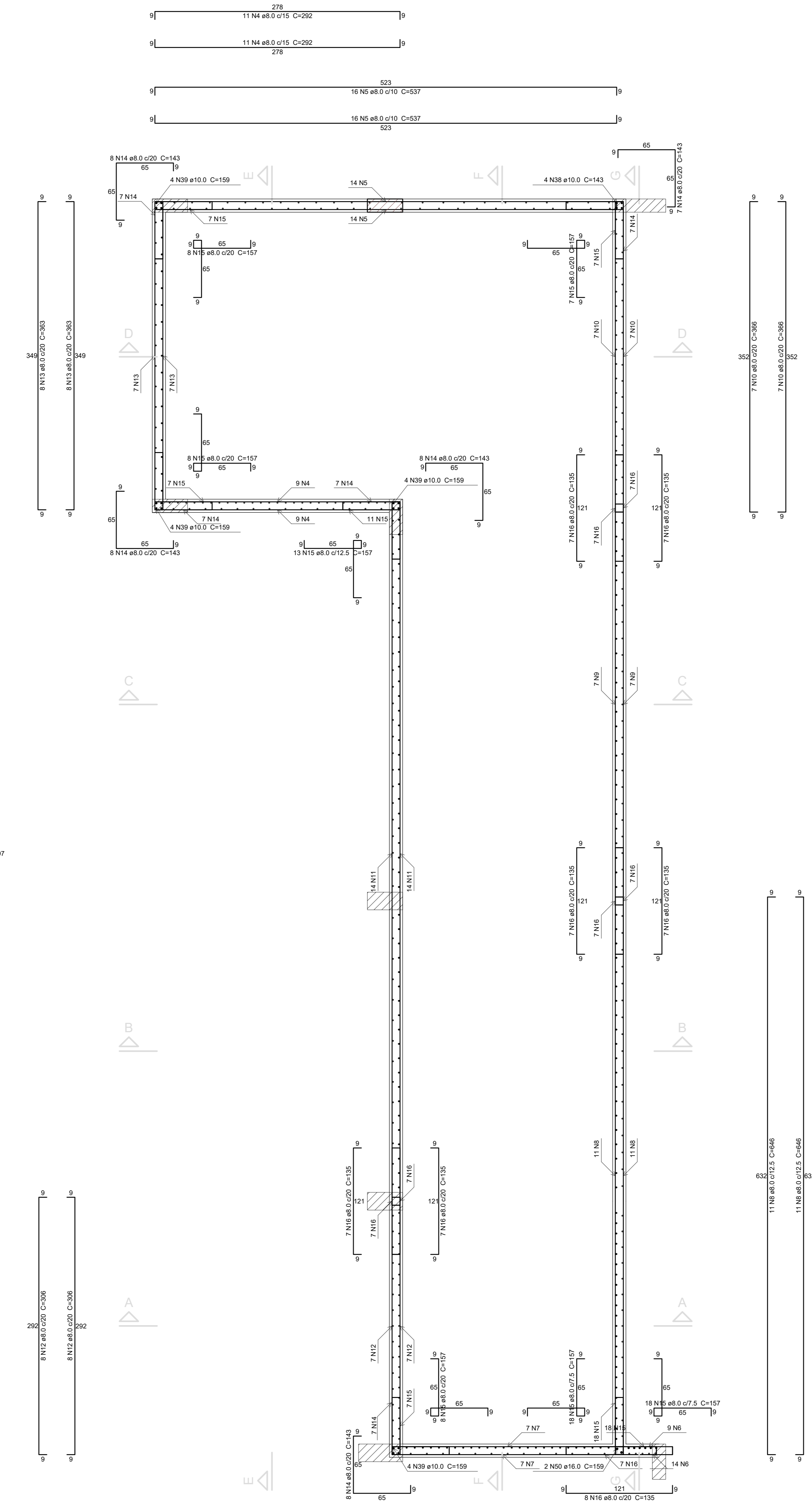
CAISO	DIAM (mm)	C. TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	8,3	43,6	4	11,2
CA50	8,0	37	4	10
CA50	10,0	170	16	115,3
CA50	12,5	18,1	2	18,1
CA50	5,0	173,1	16	29,3
PESO TOTAL				181,9
CA50	16,6			
CA50	29,3			

Resumo do aço da piscina

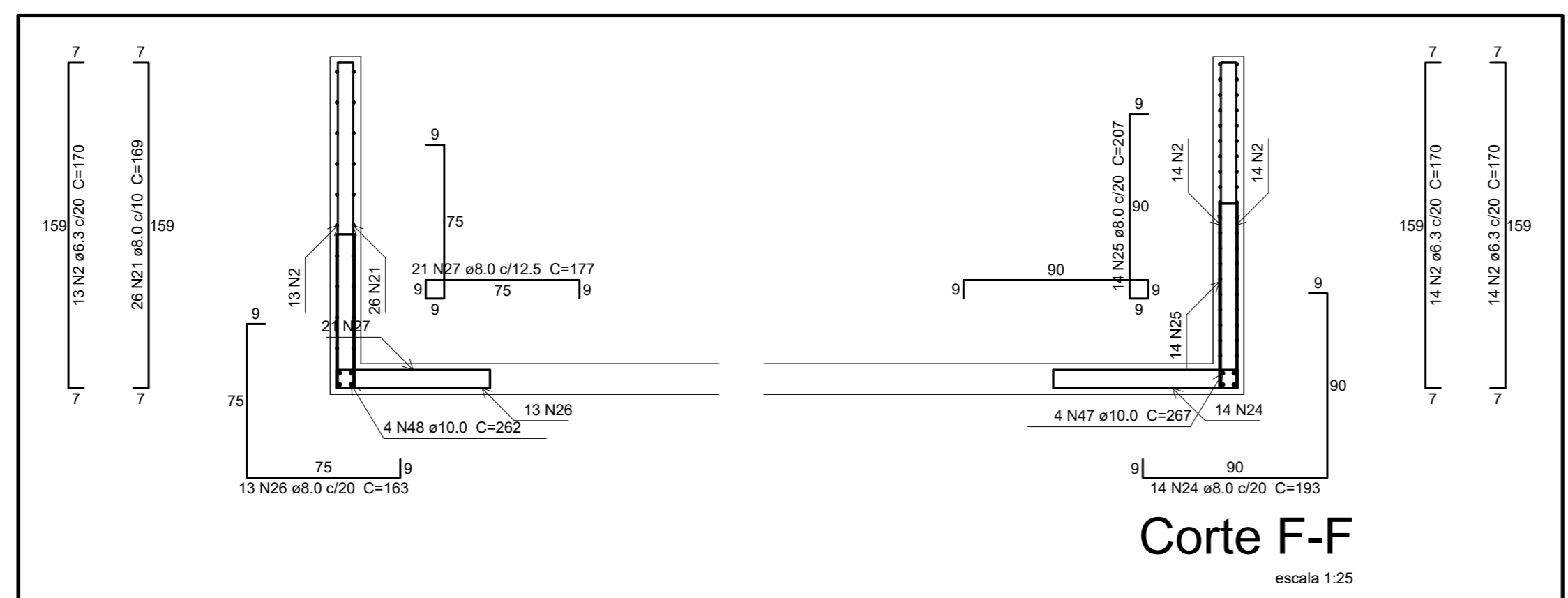
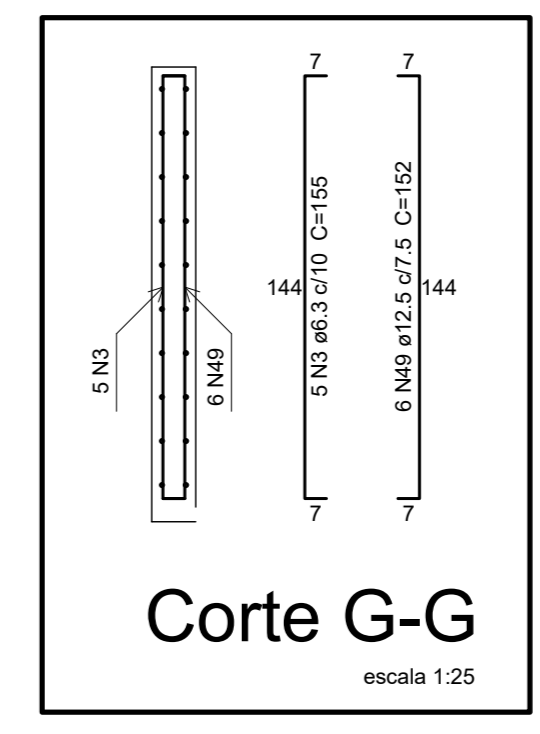
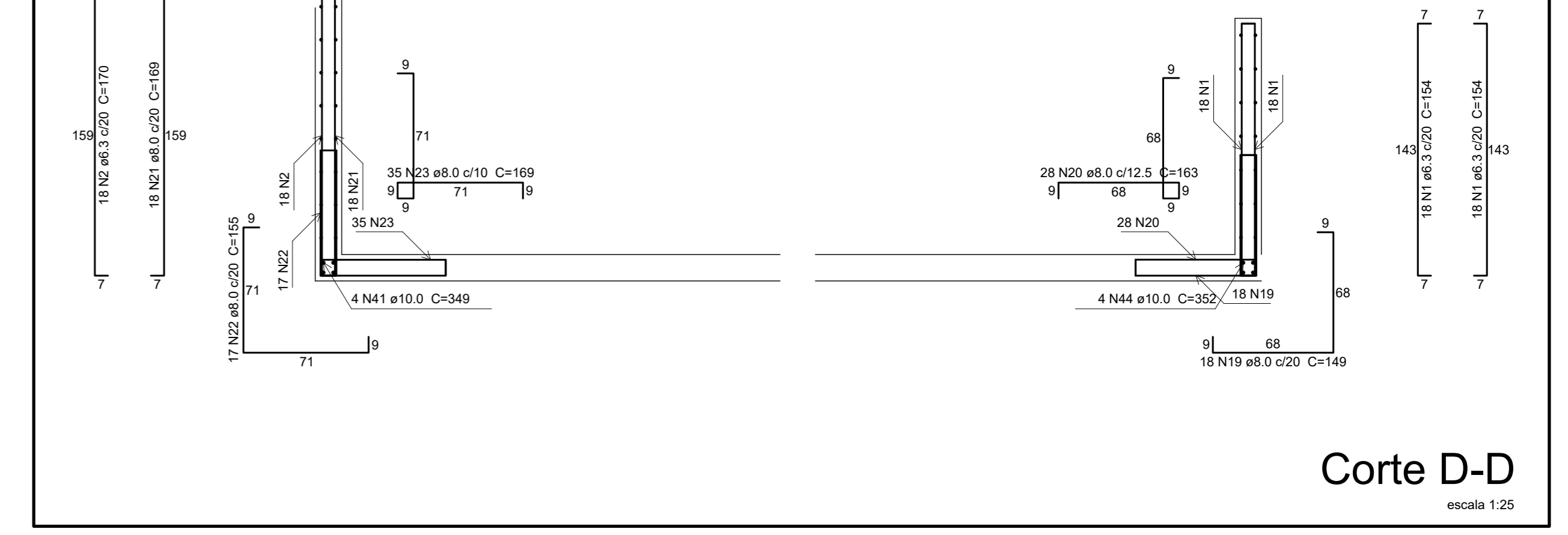
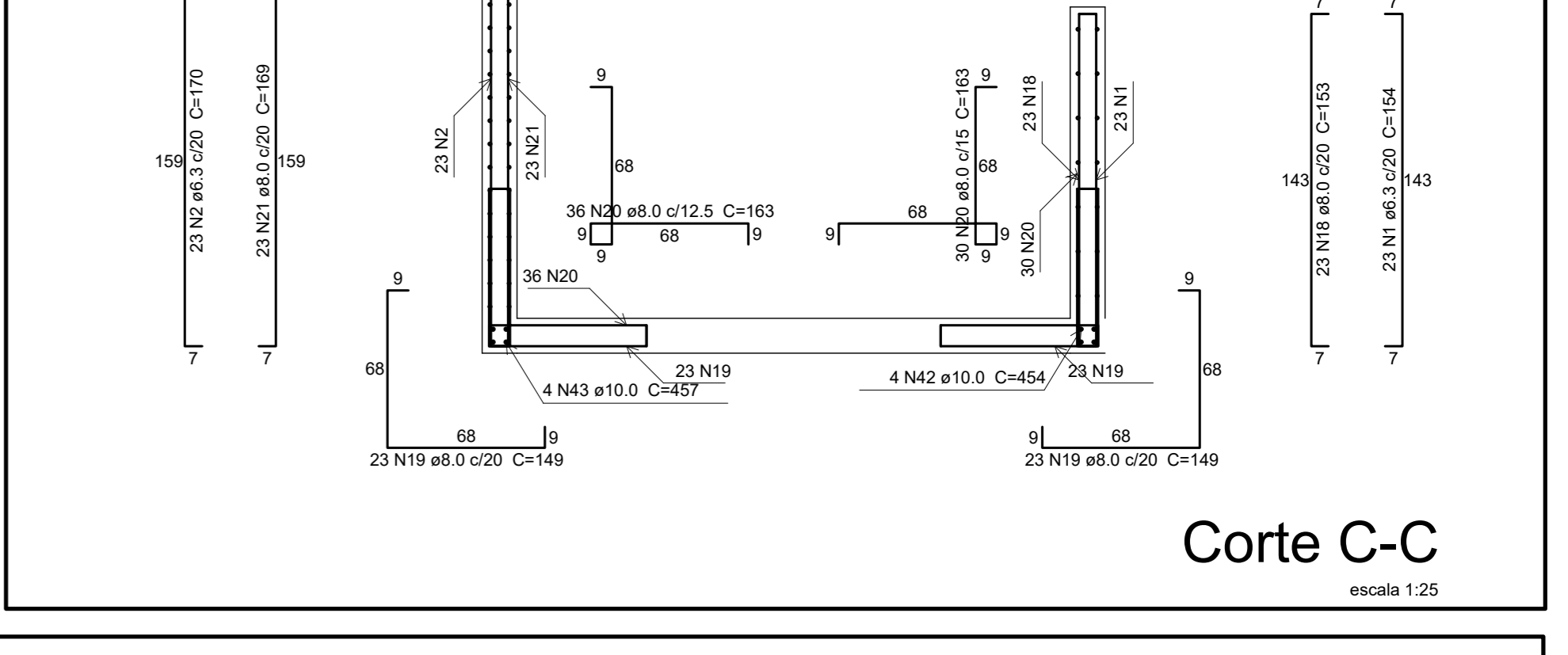
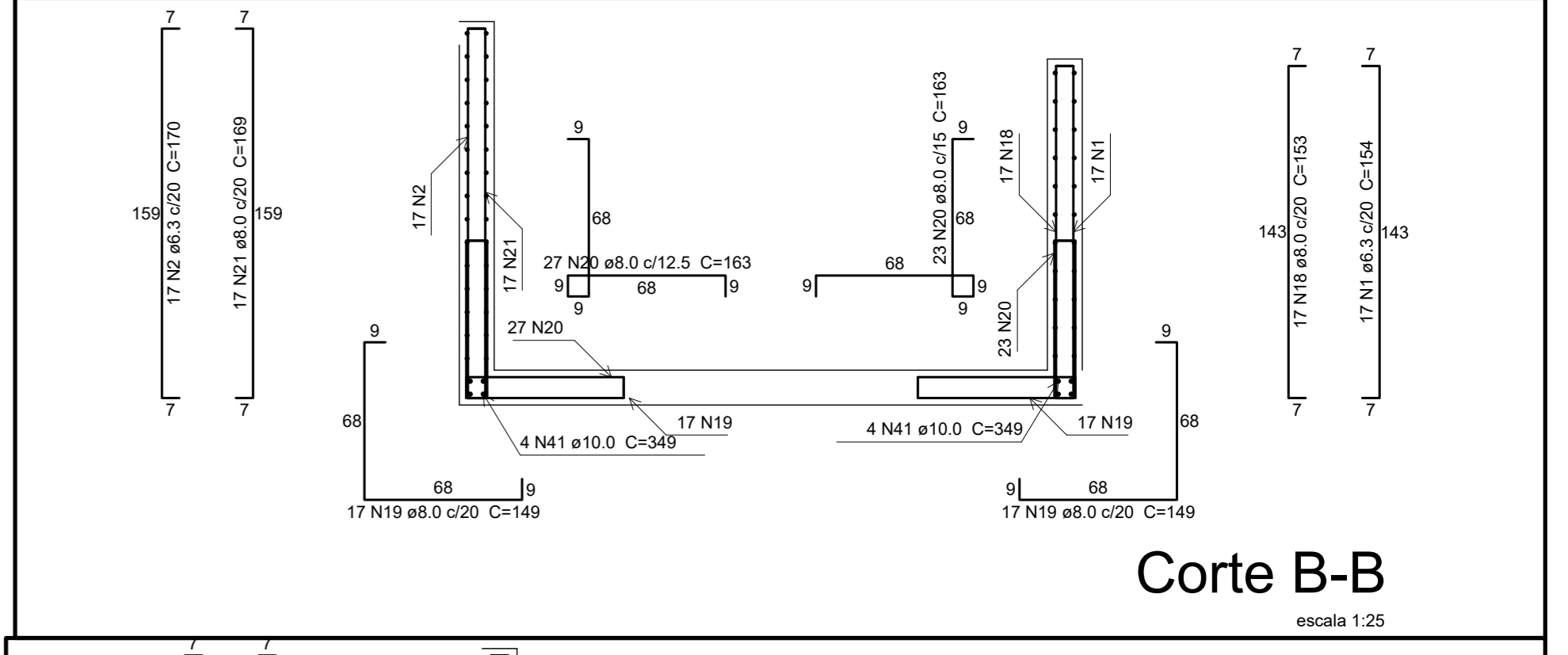
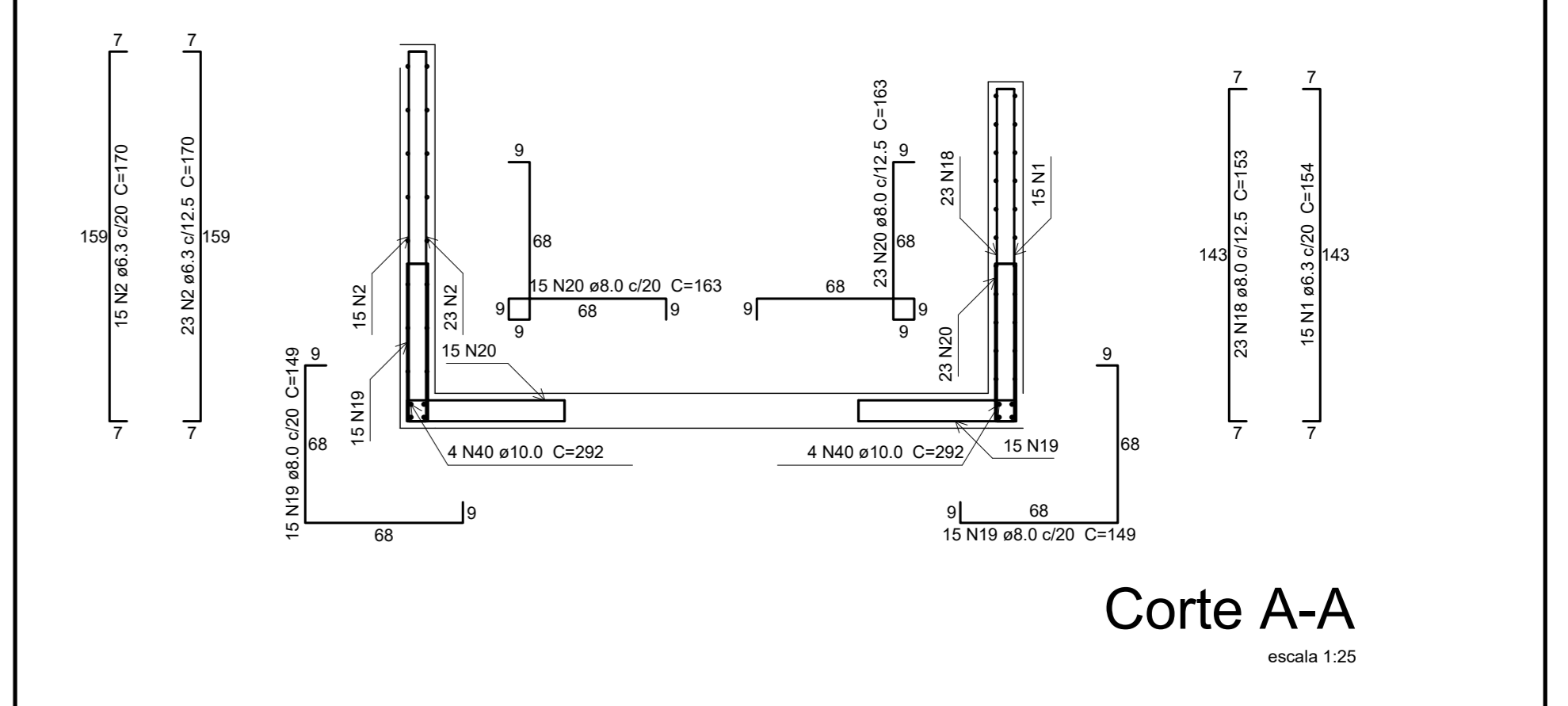
CAISO	DIAM (mm)	C. TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	8,3	486,2	45	130,9
CA50	8,0	3058,3	281	1327,4
CA50	10,0	160	20	148
CA50	12,5	215,3	20	148
CA50	9,2	9,2	1	9,7
CA50	10,0	10,0	1	9,7
PESO TOTAL				1819,5
CA50	1619,5			

Volume de concreto (C-25) = 2,4 m³
 Área de forma = 33,27 m²

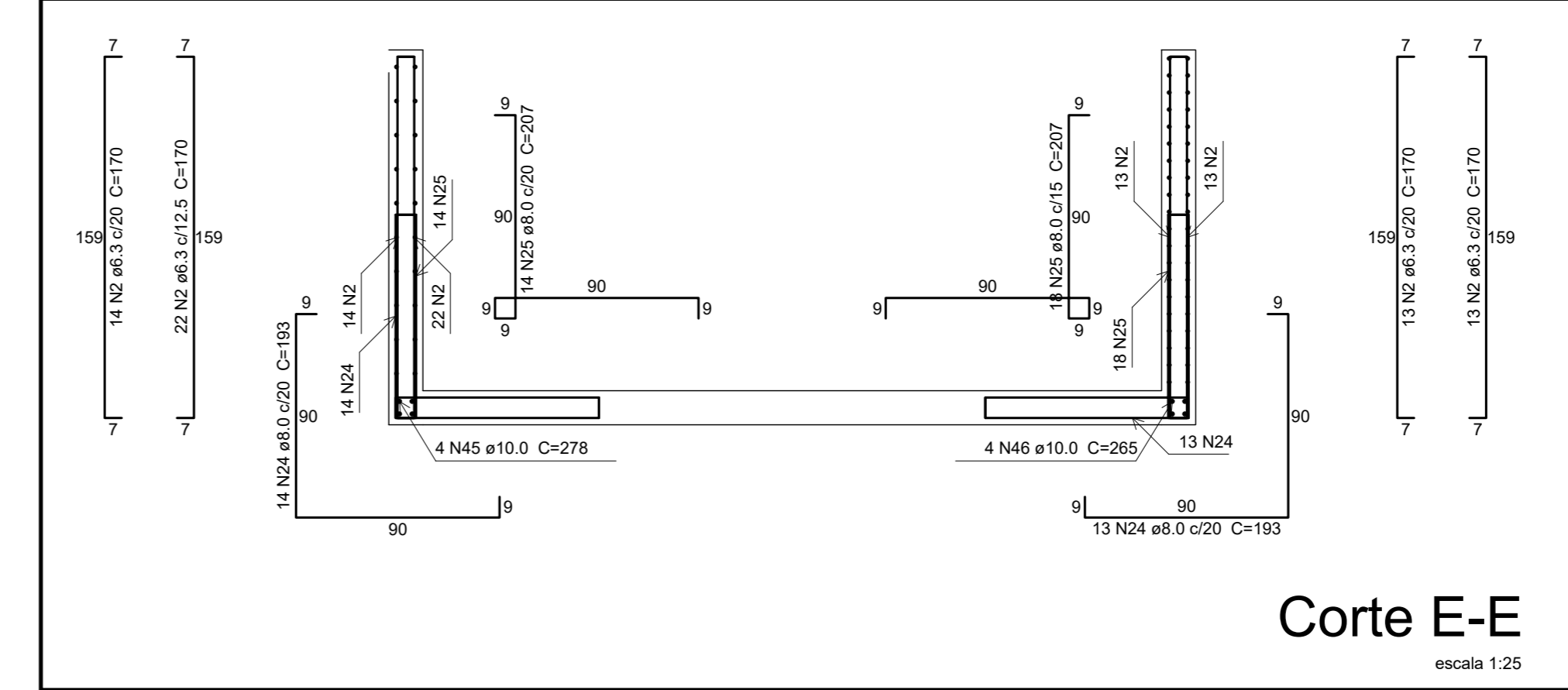
Volume de concreto (C-25) = 14,43 m³
 Área de forma = 158,43 m²



Planta (376.0) escala 1:25



Corte F-F escala 1:25



Corte E-E escala 1:25

PROJETO ESTRUTURAL

TÍTULO: PROJETO PARA CONSTRUÇÃO DE UM IMÓVEL RESIDENCIAL

ENDEREÇO DO IMÓVEL: RUA "A", LOTE 43, QUADRA "A" - LOTEAMENTO "PONTO DE VISTA", BAIRRO PRESIDENTE COSTA E SILVA, ZONA URBANA DO 1º DISTRITO DE ITAPERUNA-RJ

APROVAÇÕES: Nº CREA-MG e PREFEITURA MUNICIPAL

ÁREA TOTAL DO TERRENO	
ÁREA TOTAL DO TERRENO	
ÁREA TOTAL DE CONSTRUÇÃO	

PROJETO: RESIDENCIAL

PROFESSOR: HENRIQUE VITAL DO CARMO FREITAS

PROFESSOR: HENRIQUE VITAL

DATA: 06/11

PROFESSOR: HENRIQUE VITAL