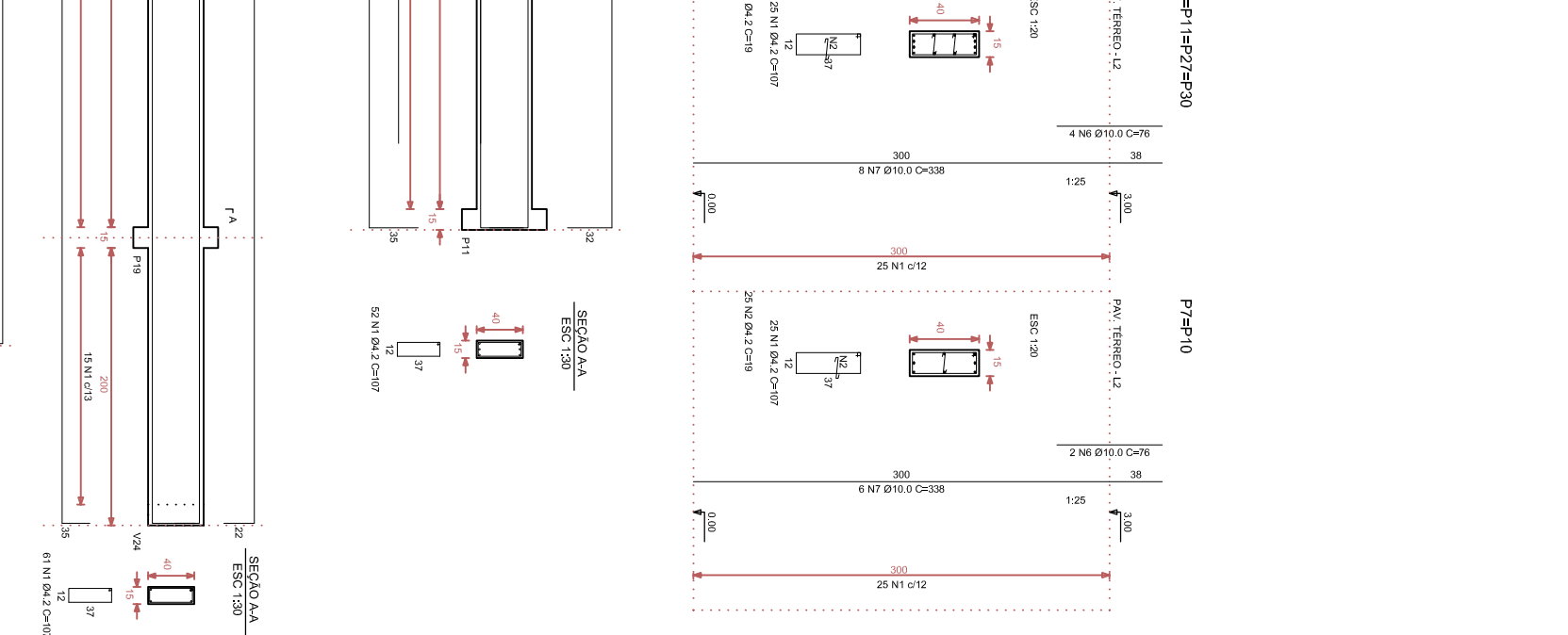
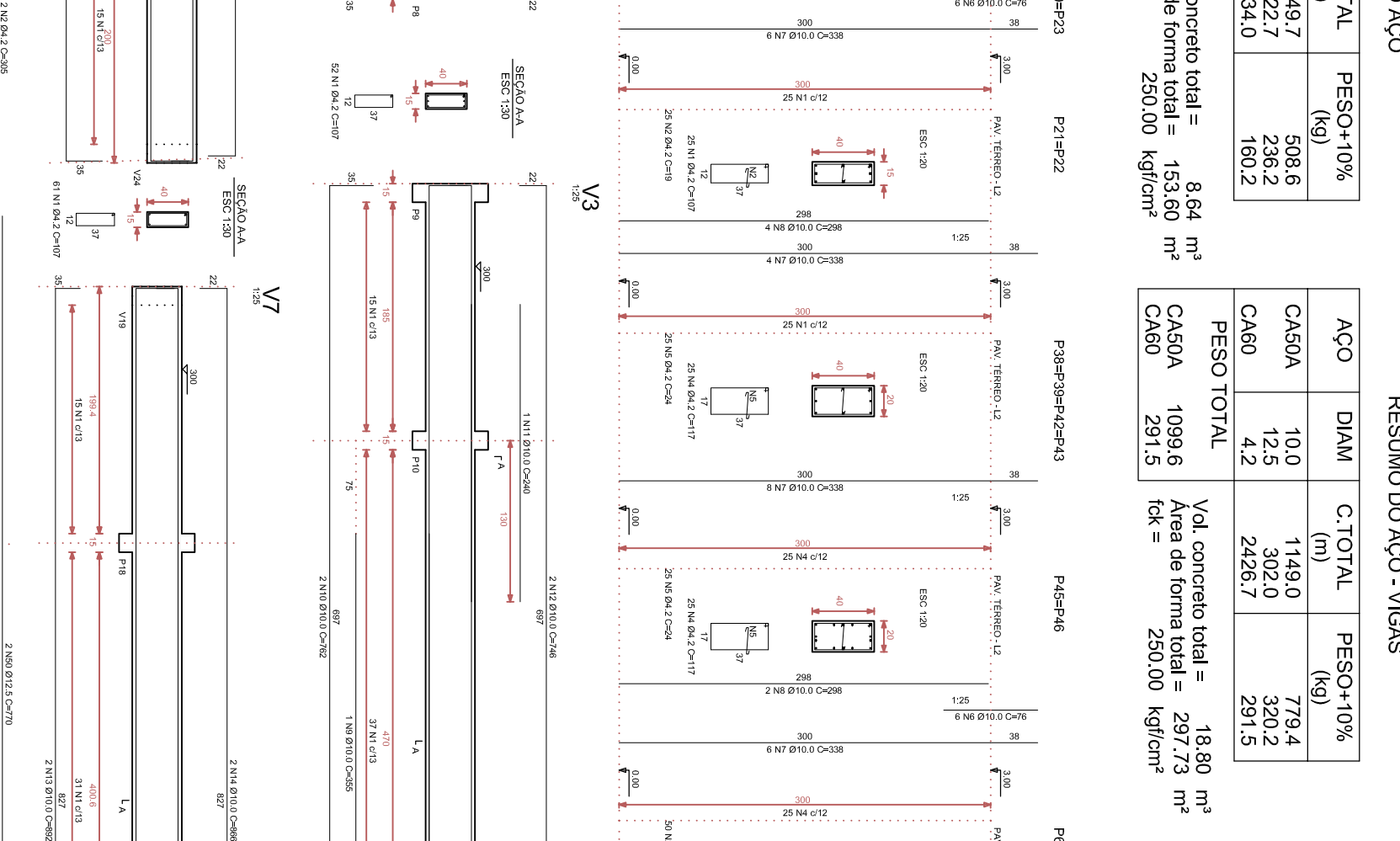
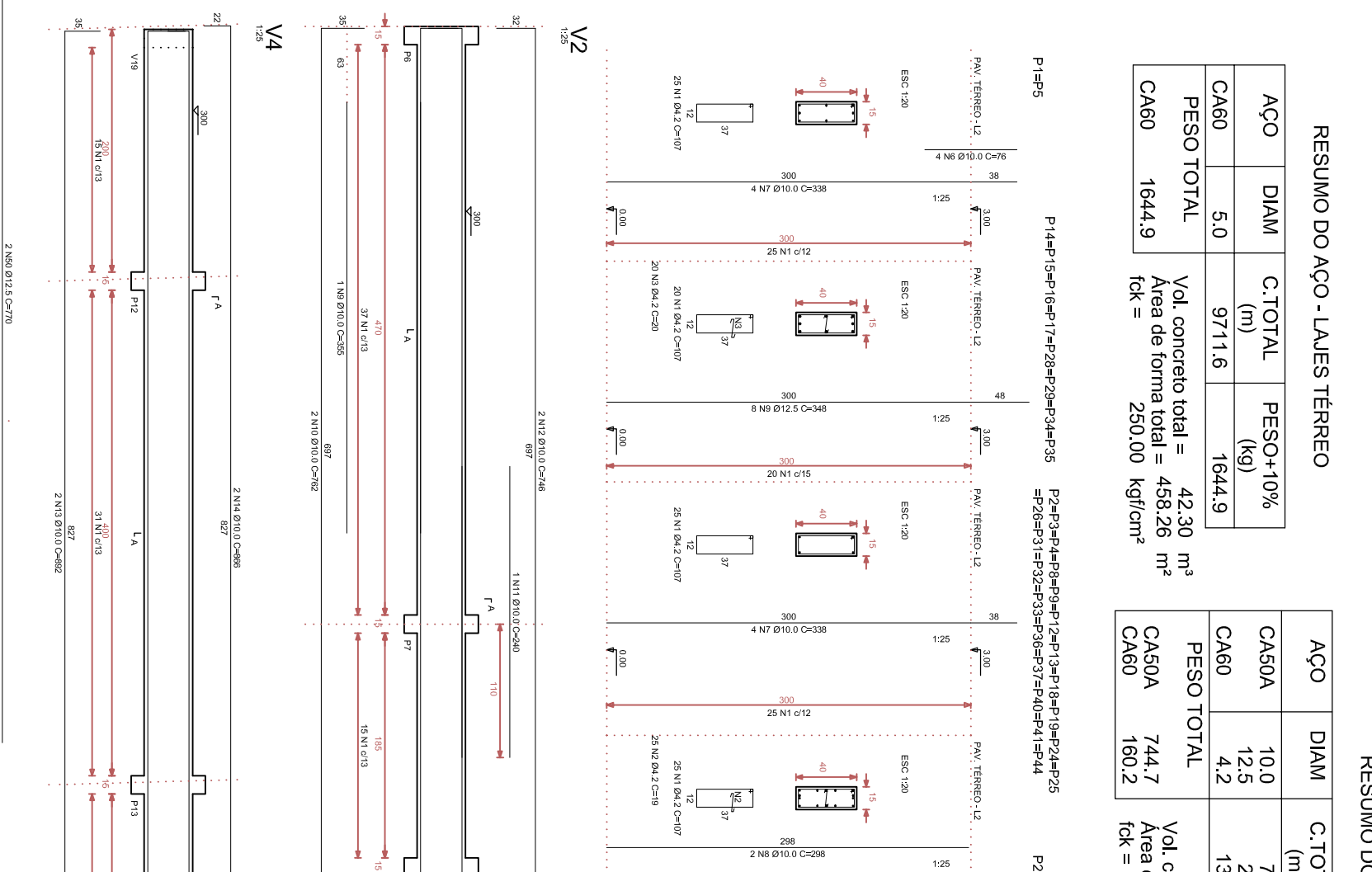
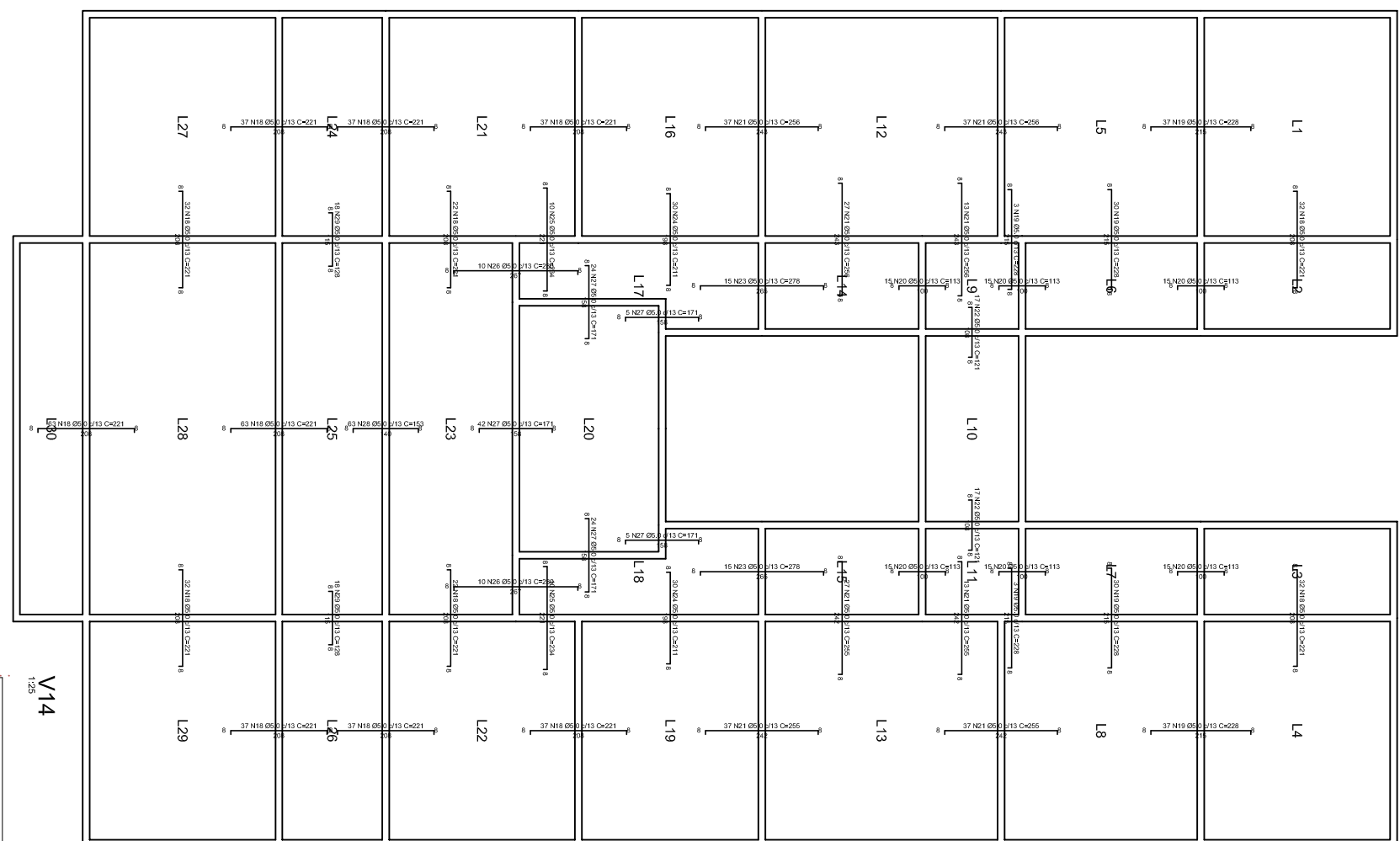
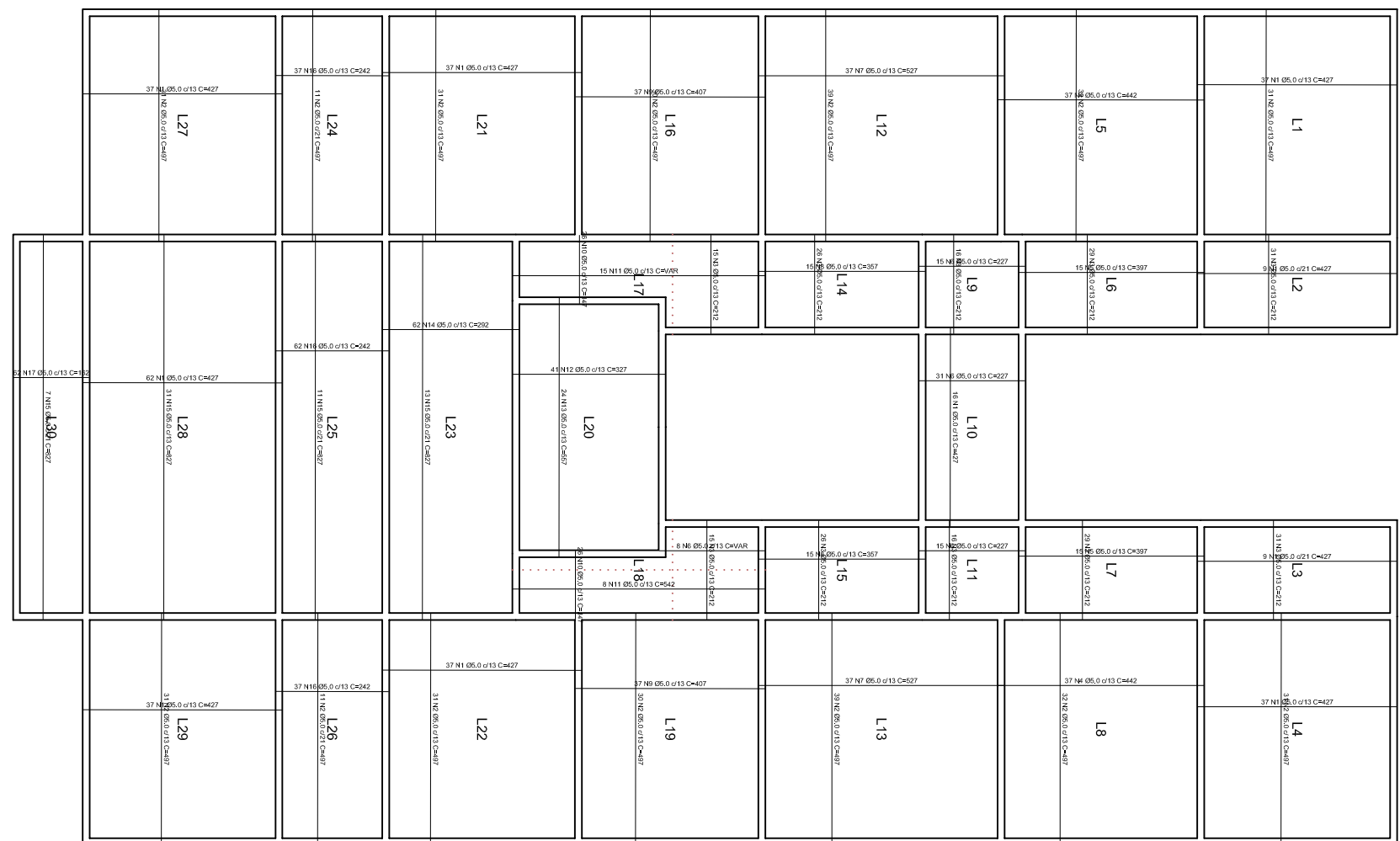
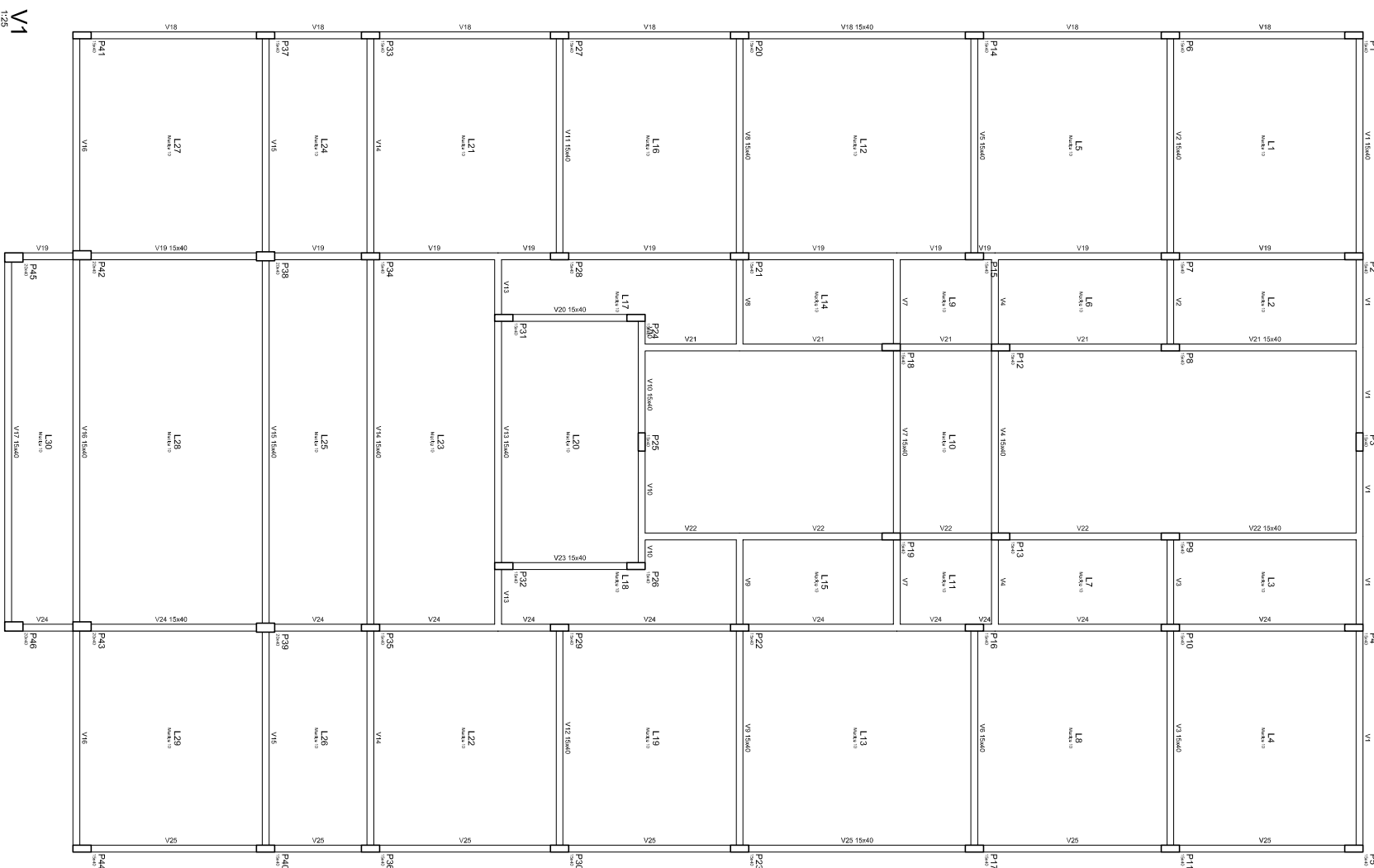


PENAS	
vermelho	0,1
amarelo	0,2
verde	0,3
claro	0,4
azul	0,5
magenta	0,6
branco	0,1
8	0,1
9	0,1

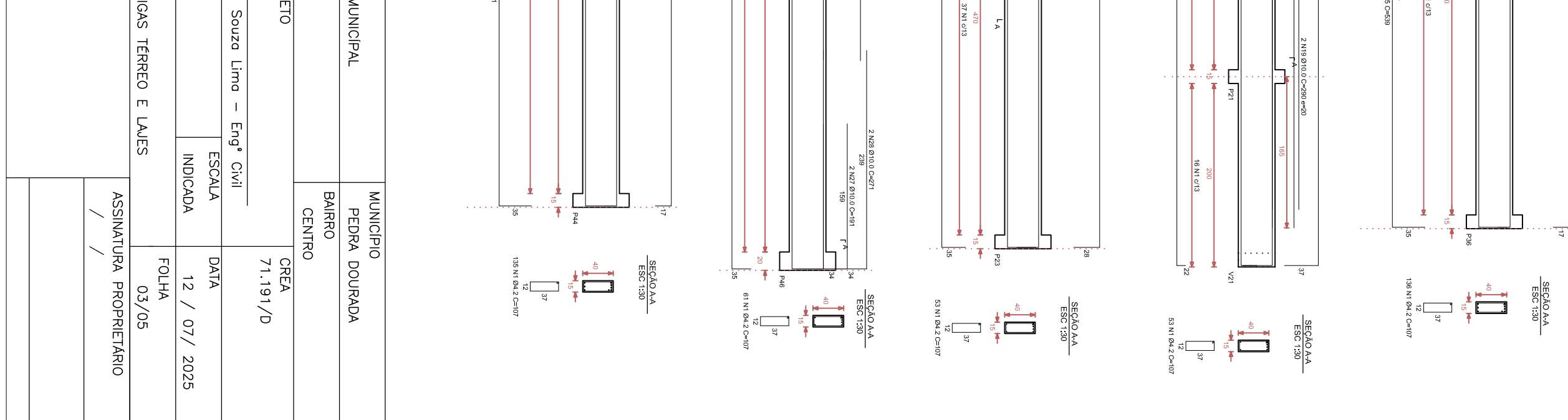
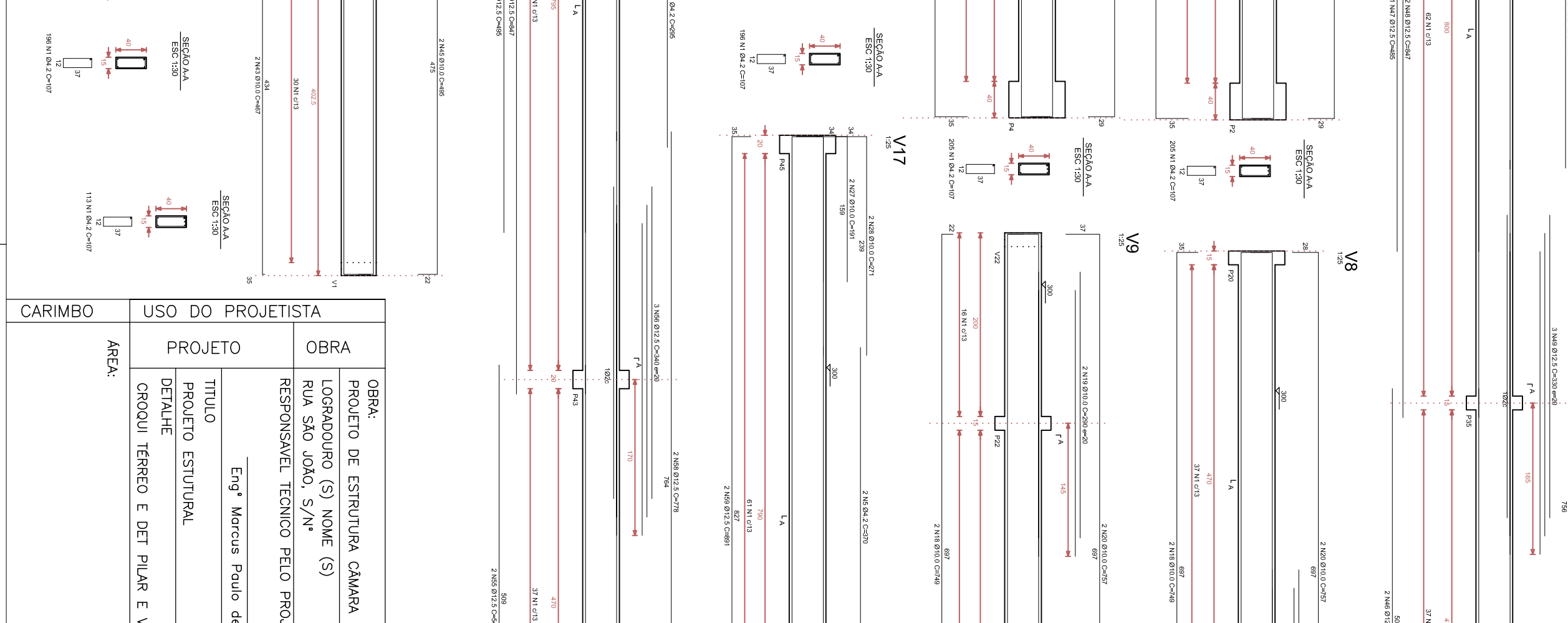
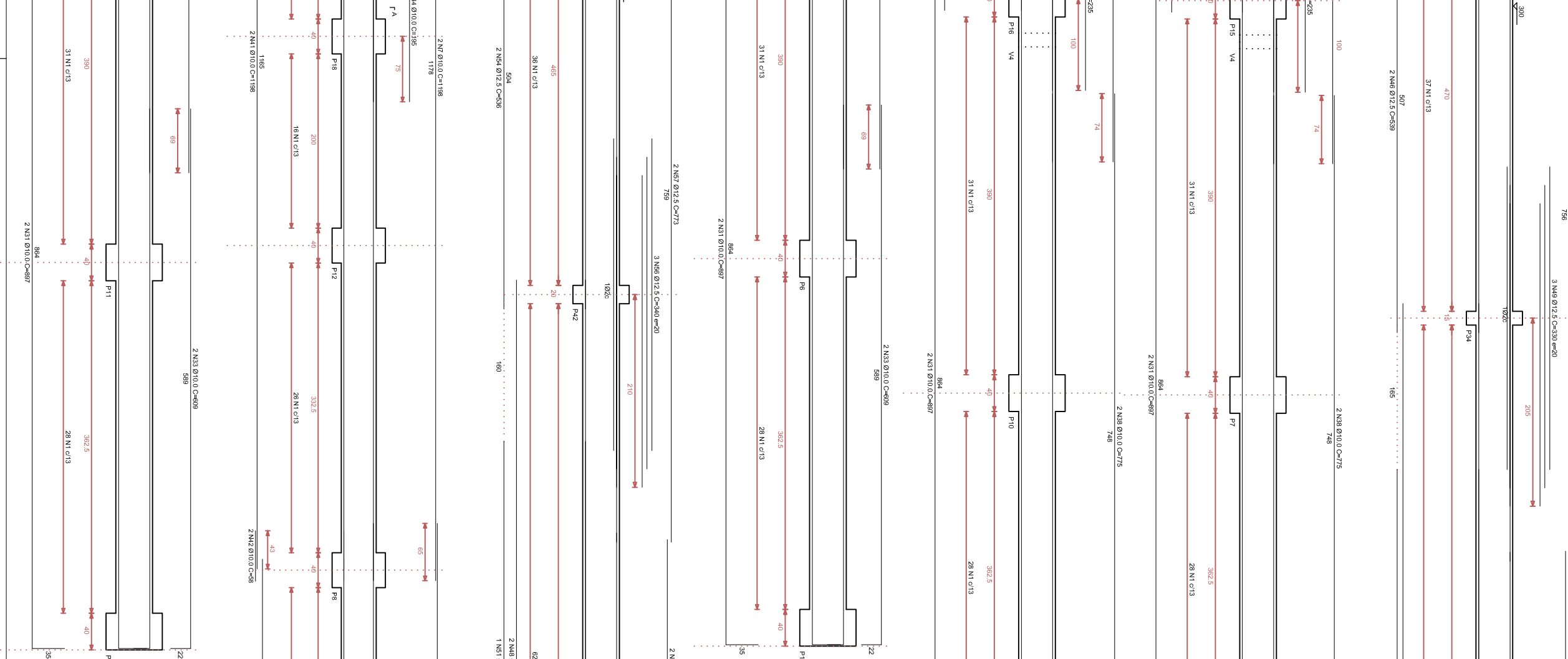
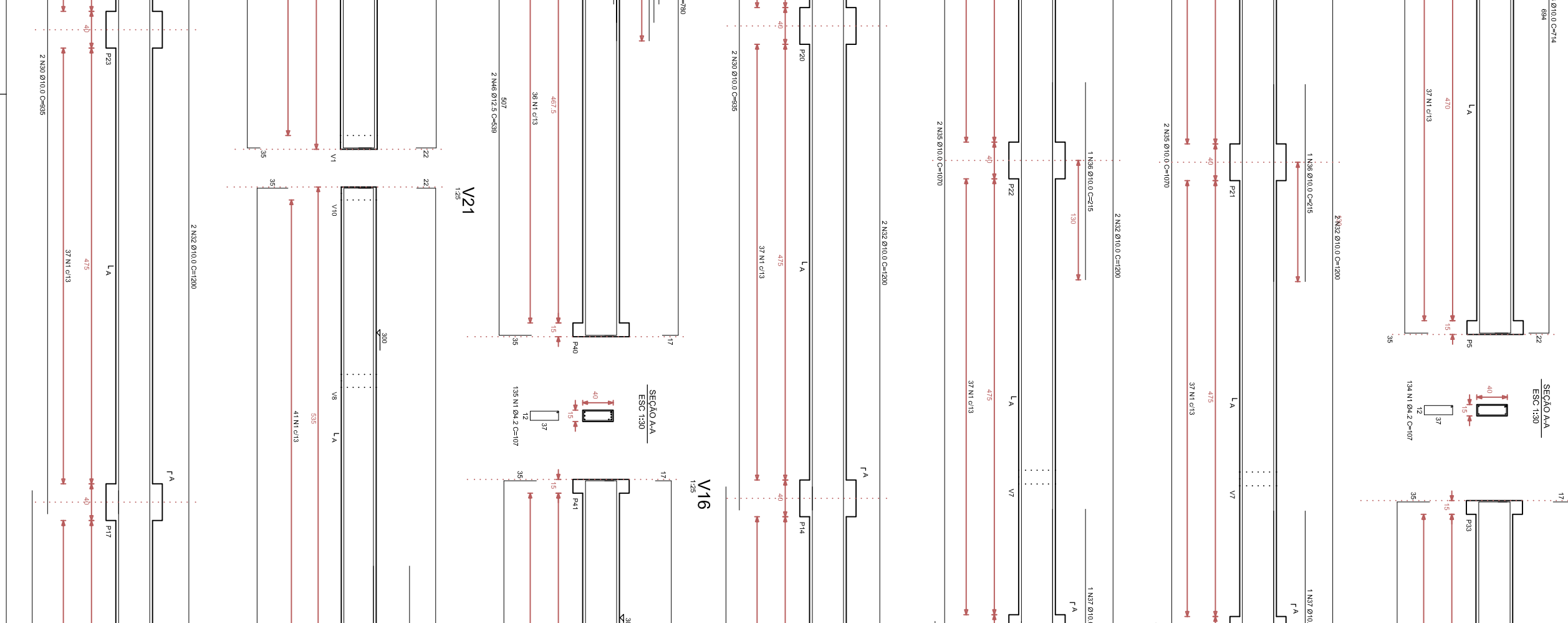
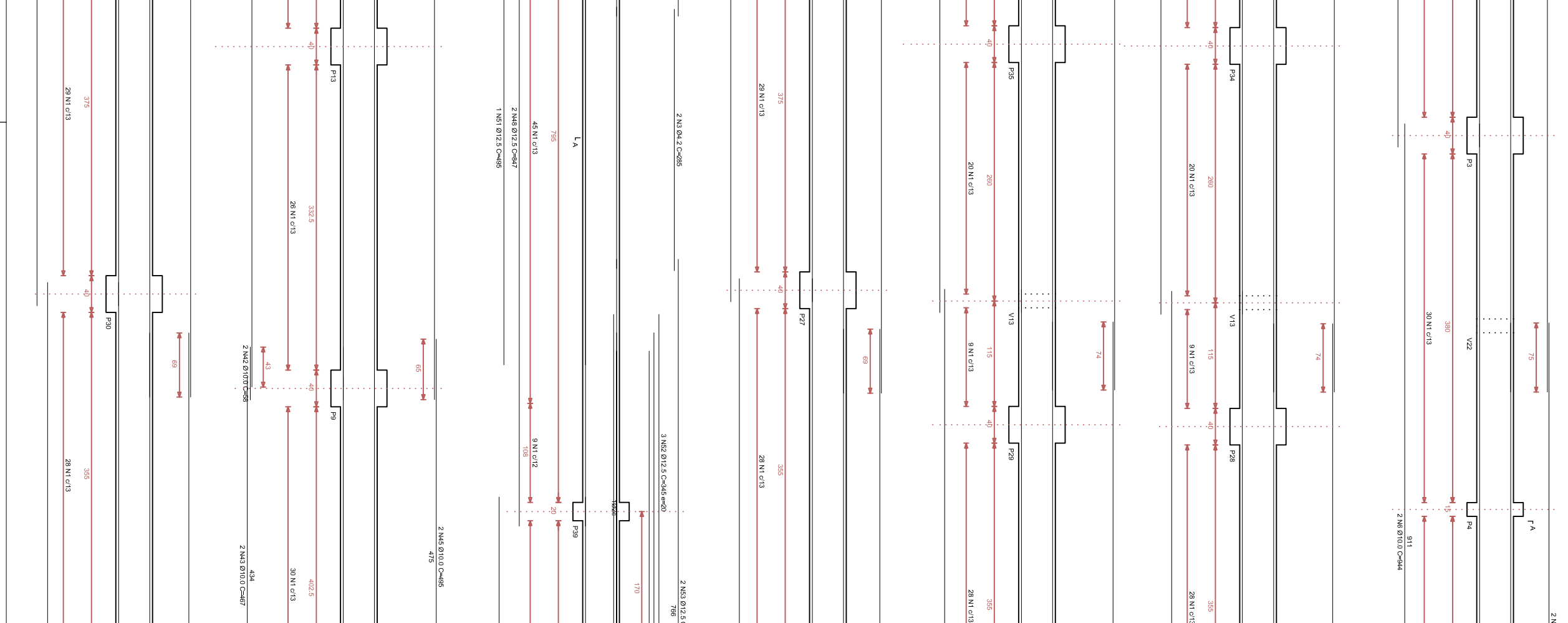
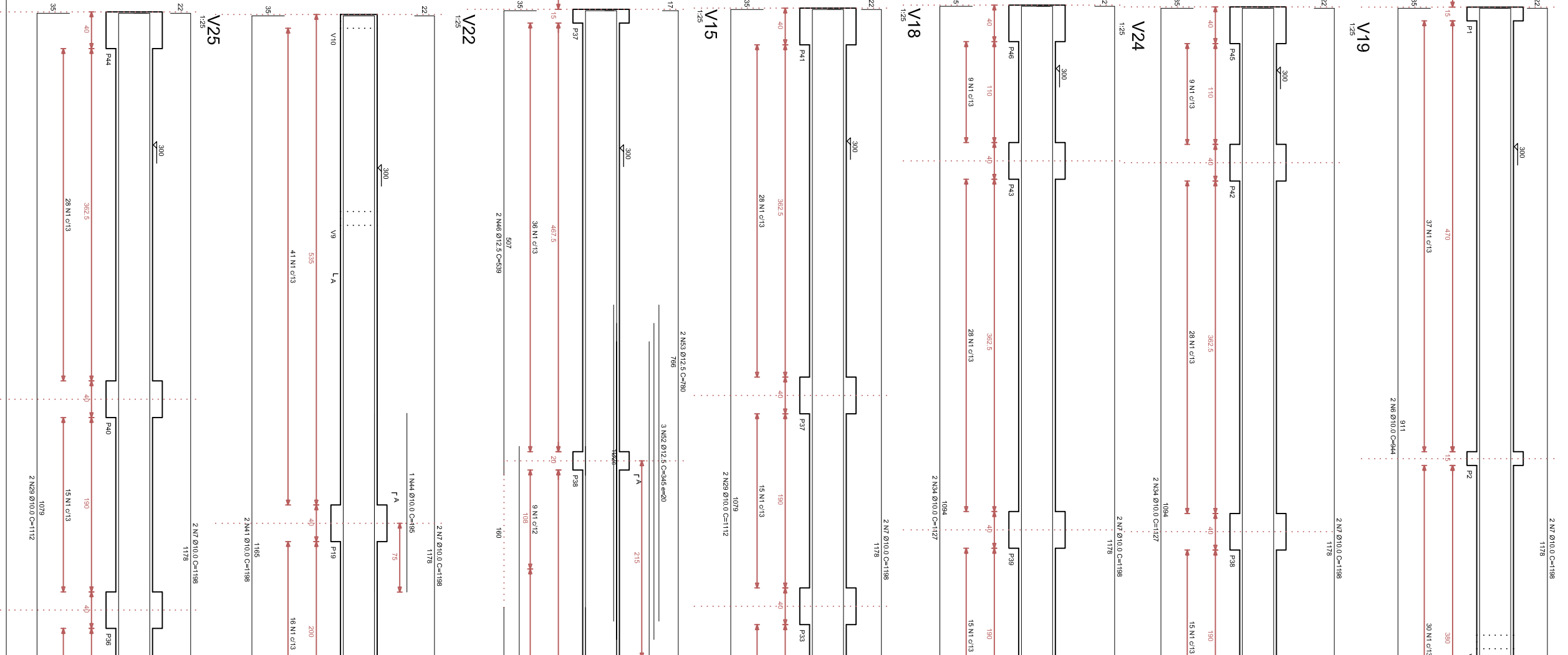


ACO	DIAM	C TOTAL (m)	PESO+10% (kg)
CA60	5,0	9771,6	1644,9
PESO TOTAL			
CA60	1644,9		

Vol. concreto total = 42,3
 Área de forma total = 456,2
 tck = 230,00 kg/m²

RESUMO DO AÇO				
AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)	
CA50A	10,0	749,7	508,6	
CA60	12,5	222,7	298,2	
CA60	4,2	1334,0	160,2	
PESO TOTAL				
CA50A	744,7			Vol. concreto total = 8,50
CA60	160,2			Área de forma total = 153,15
				fc = 250,00 kg/cm²

RESUMO DO AÇO - VIGAS				
AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)	
CA50A	10.0	149.0	779.4	
CA60	12.5	312.0	330.2	
	4.2	2426.7	291.5	
PESO TOTAL				
CA50A	1099.6	Vol. concreto total =		18.8
CA60	291.5	Aca de forma total =		297.7
		fck =		250.0
				kgf/cm²



CARIMBO	USO DO PROJETISTA									
	ÁREA	PROJETO					OBRA			
		TÍTULO PROJETO ESTRUTURAL DETALHE CROQUI TERREIRO E DET. PILAR E VIGAS TERREIRO E LAJES					OBRA DE ESTRUTURA PARA MUNICIPAL			
							LORRADOURO (S) NOME (S)			
							RUA SÃO JOÃO, S/Nº			
							RESPONSÁVEL TÉCNICO PELO PROJETO			
							MUNICÍPIO			
							PEDRA DOURADA			
							BARRIO			
							CENTRO			
					ÁREA					
					71,191/D					
					ESQUA					
					12 / 07 / 2025					
					FOLHA					
					03/05					
					ASSINATURA PROPRIETARIO					
					/					
					/					