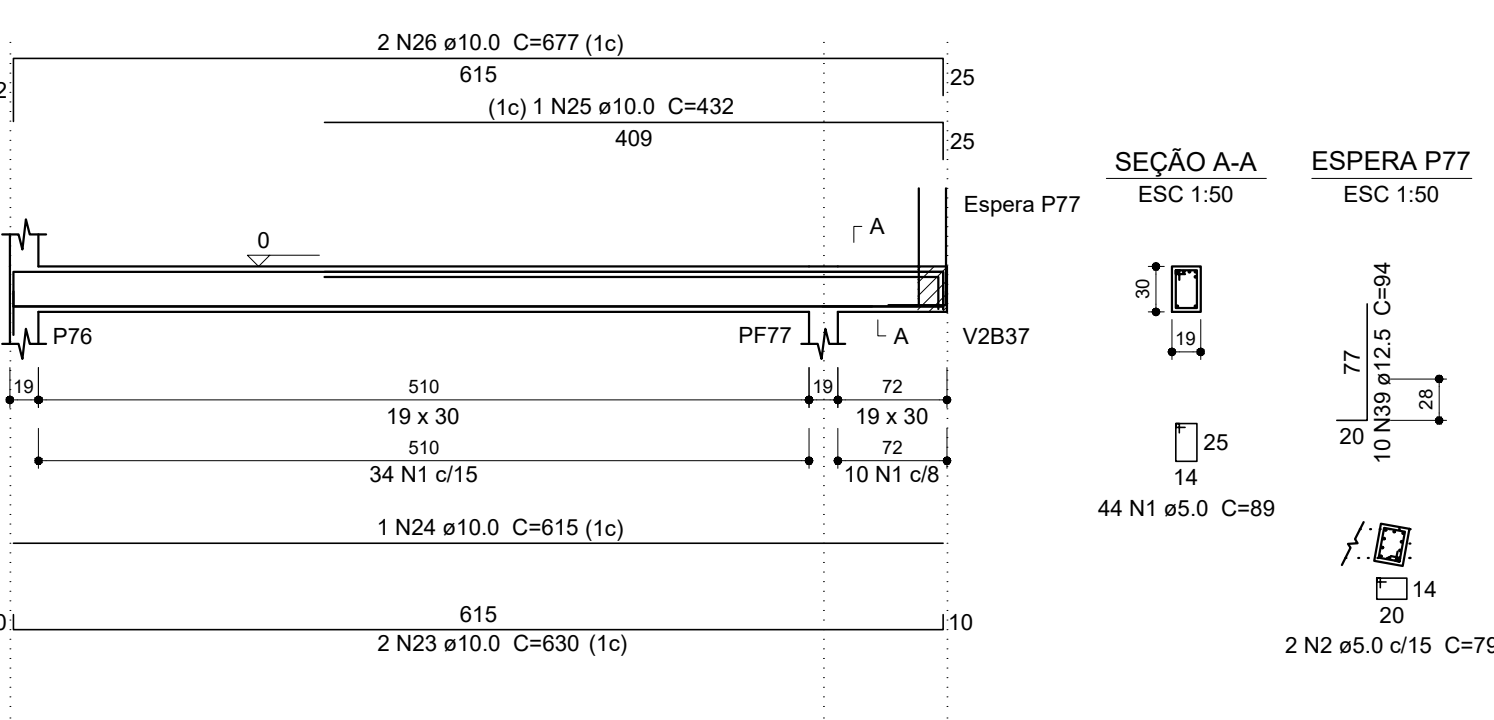
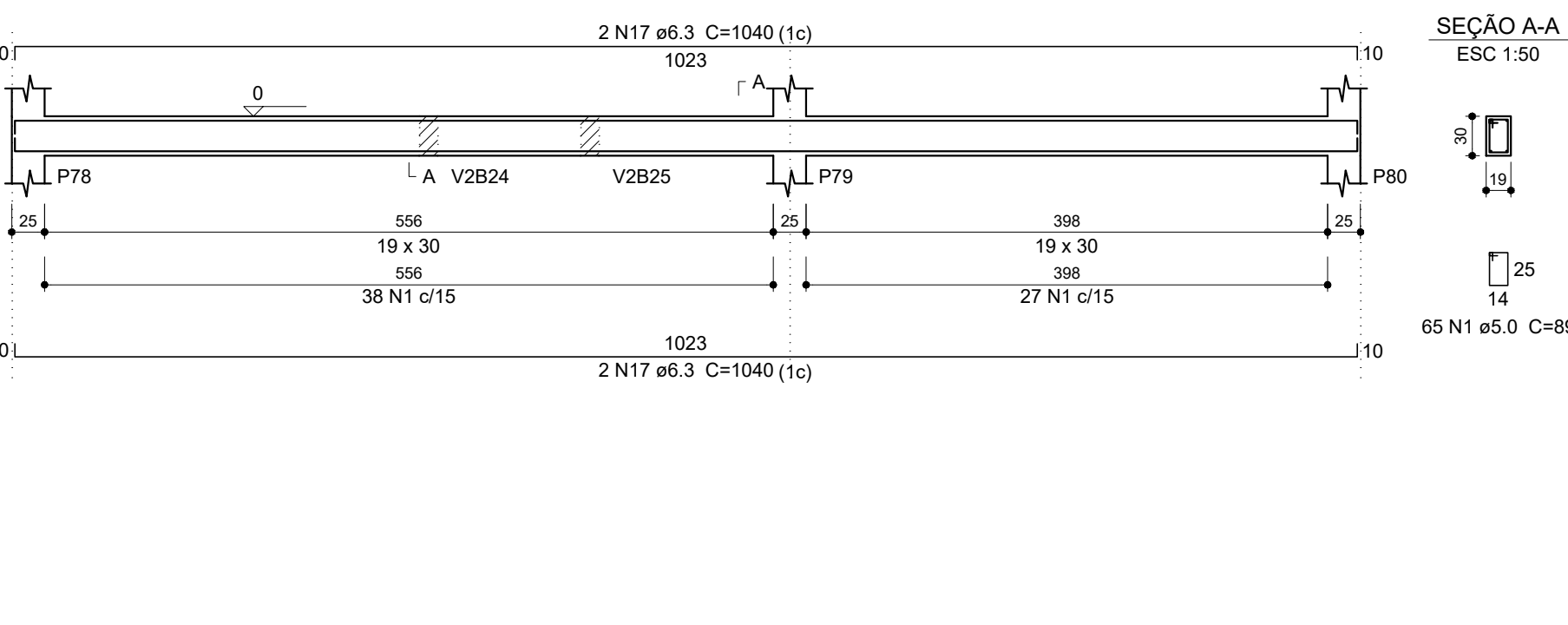


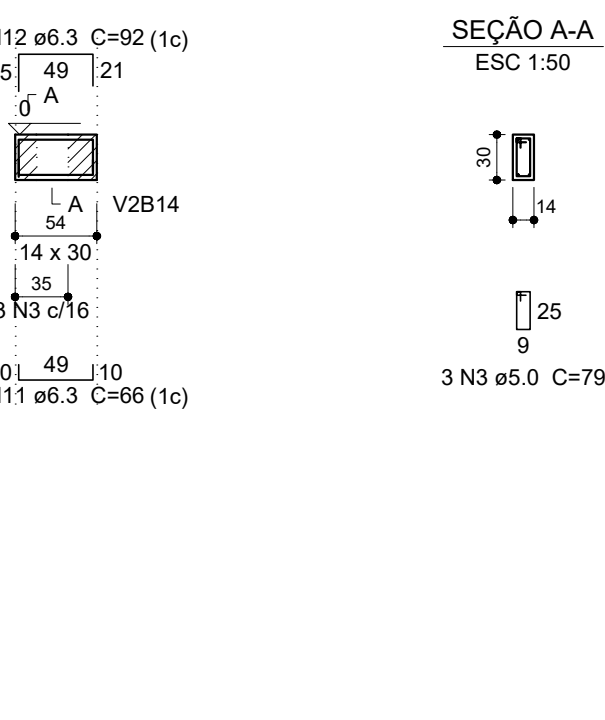
V2B13 (19 x 30)



V2B14 (19 x 30)



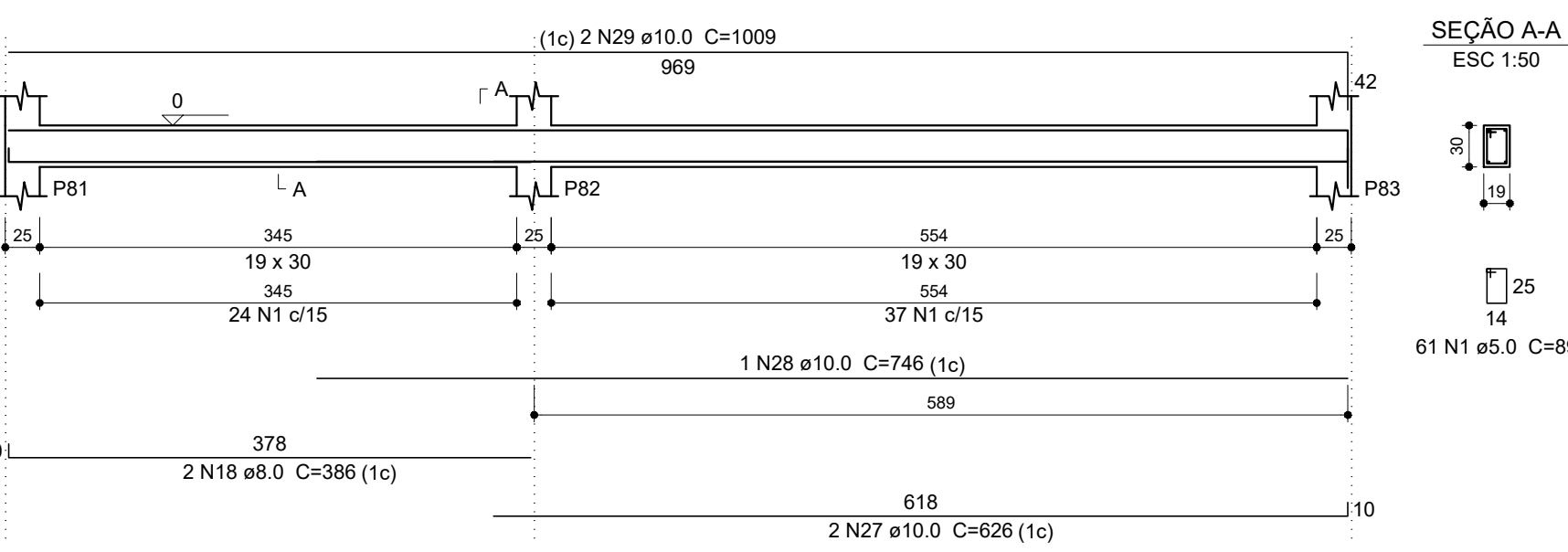
V2B24 (14 x 30)



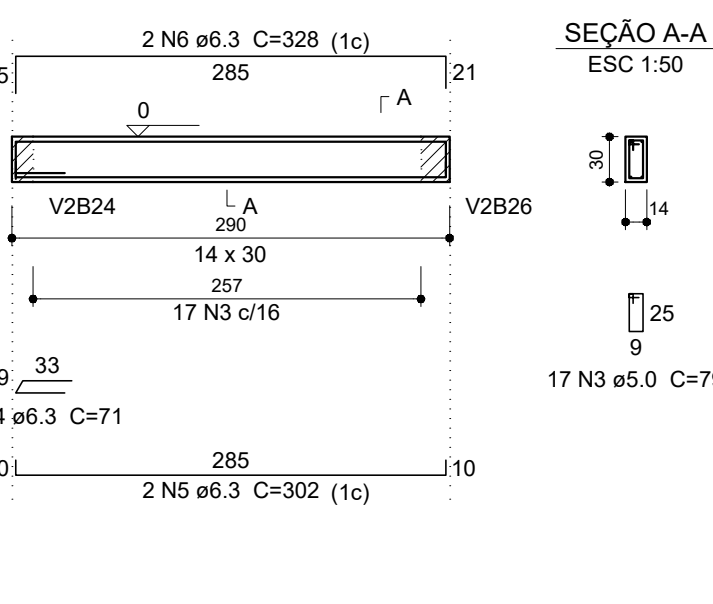
Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V2B13					
V2B16					
V2B19					
V2B22					
V2B25					
V2B14					
V2B17					
V2B20					
V2B23					
V2B26					
V2B15					
V2B18					
V2B21					
V2B24					

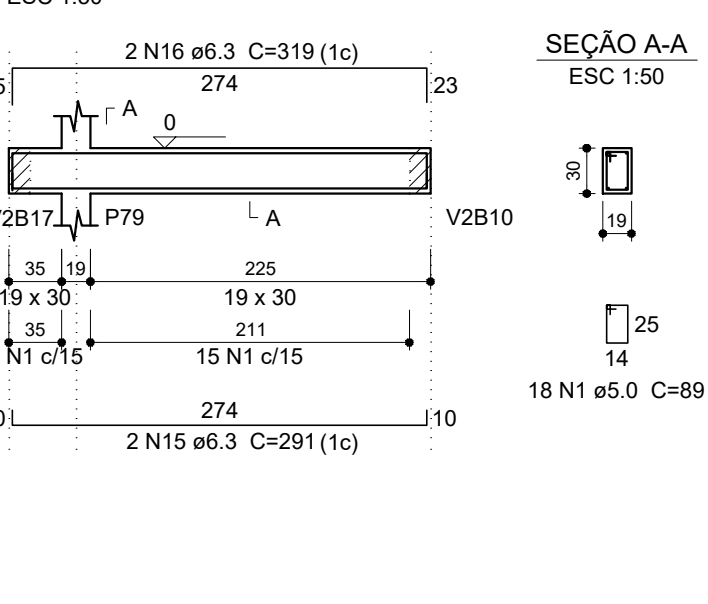
V2B15 (19 x 30)



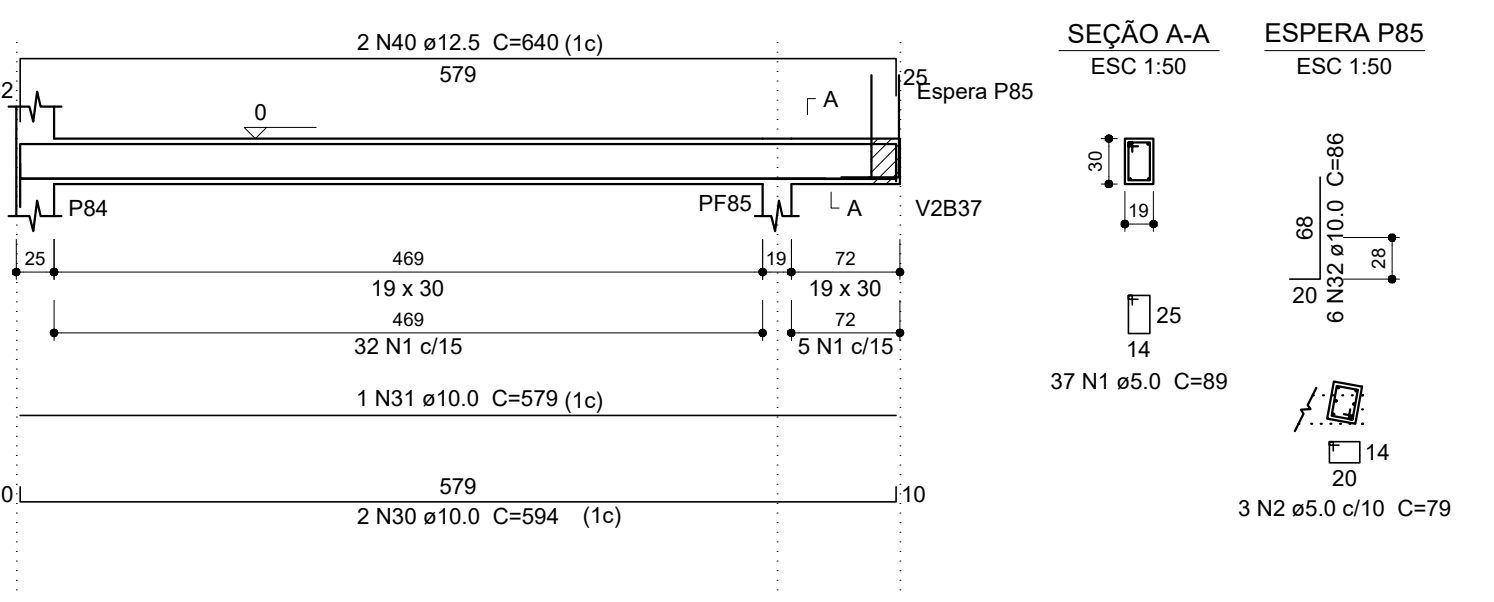
V2B17 (14 x 30)



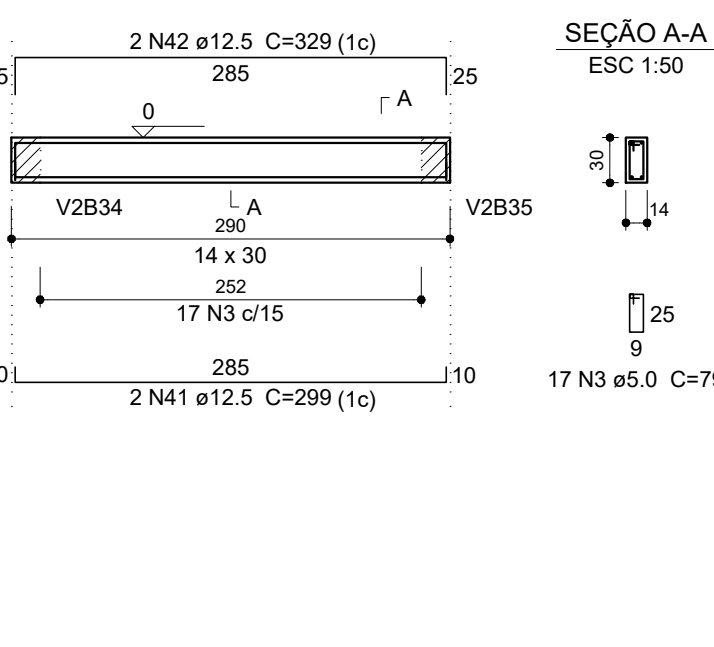
V2B26 (19 x 30)



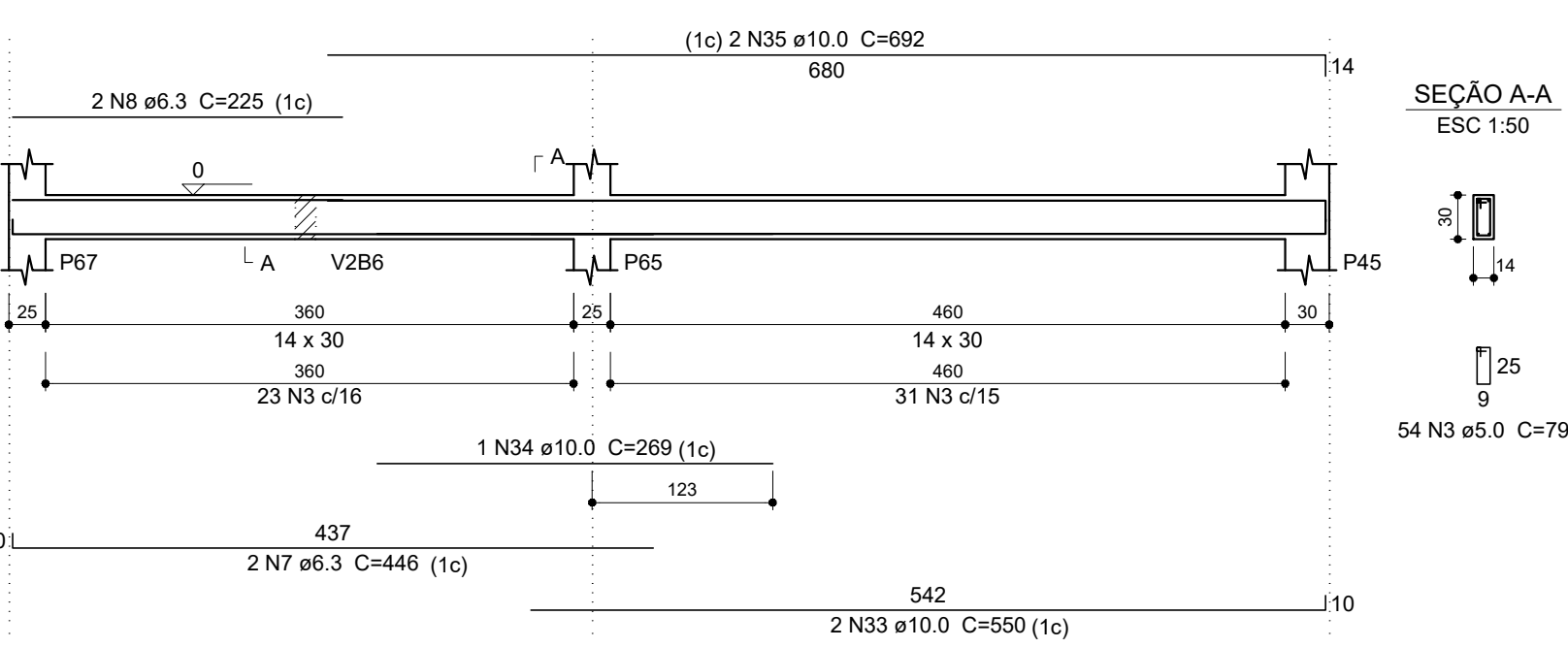
V2B16 (19 x 30)



V2B18 (14 x 30)



V2B19 (14 x 30)

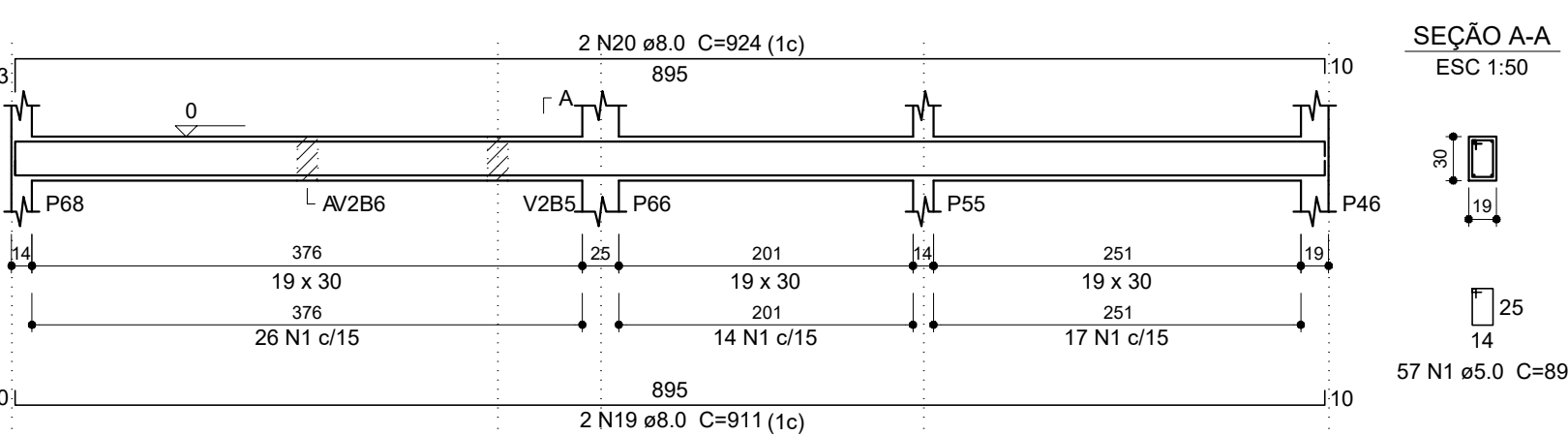


Resumo do aço

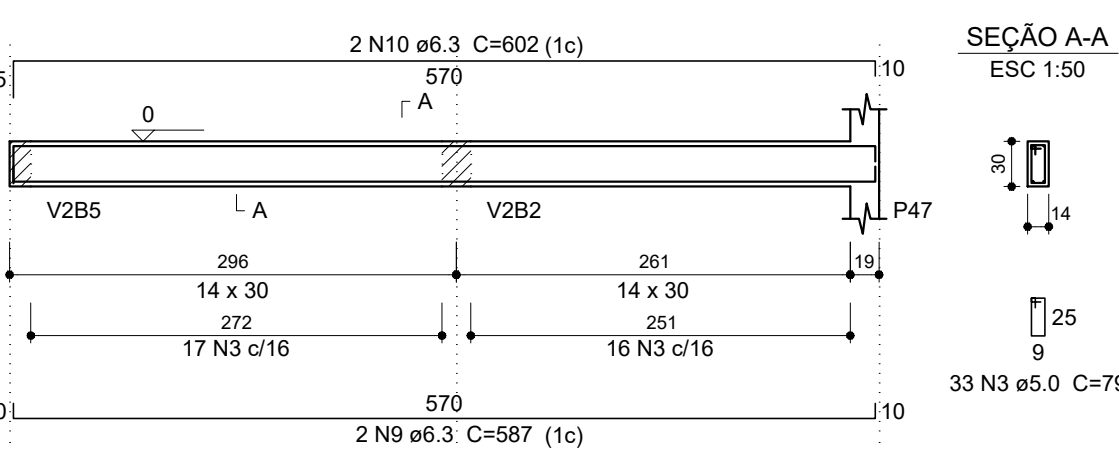
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	6.3	119	11	32
	8.0	54.9	6	23.8
	10.0	171.7	16	116.4
	12.5	60.5	6	64.1
CA60	5.0	450.8	42	76.4
PESO TOTAL (kg)				
CA50		236.3		
CA60		76.4		

Volume de concreto (C-30) = 3.93 m³
Área de forma = 60.08 m²

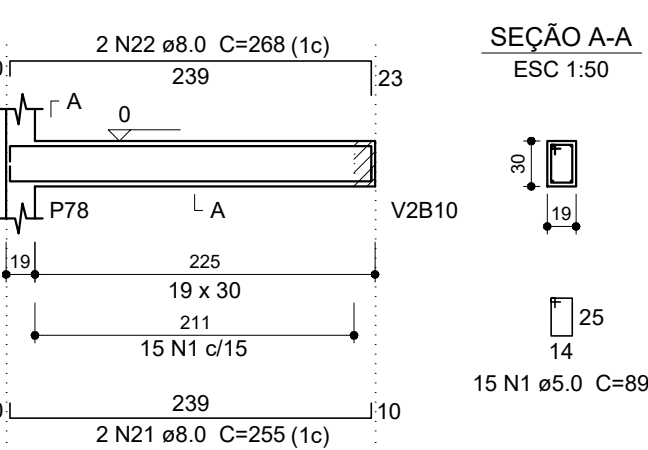
V2B20 (19 x 30)



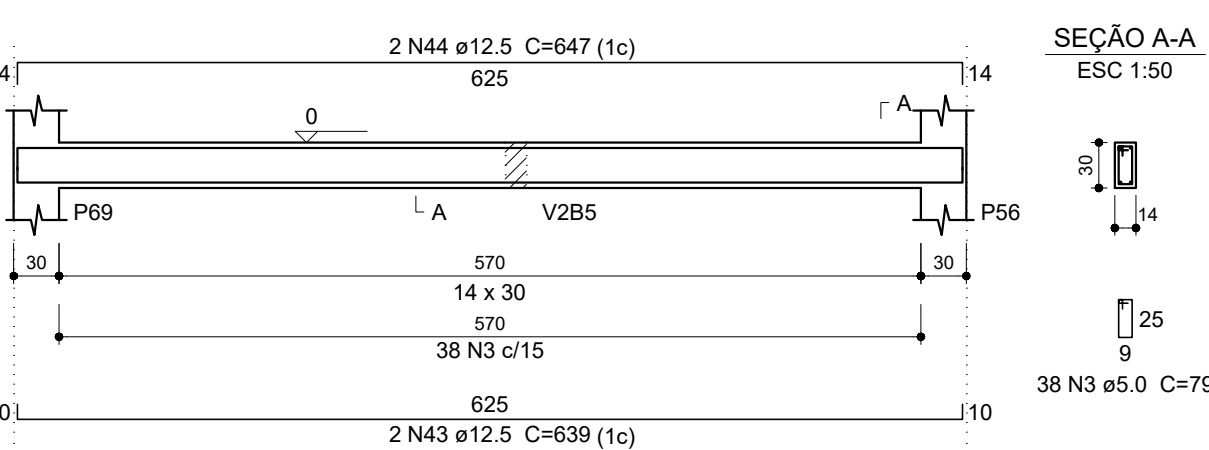
V2B21 (14 x 30)



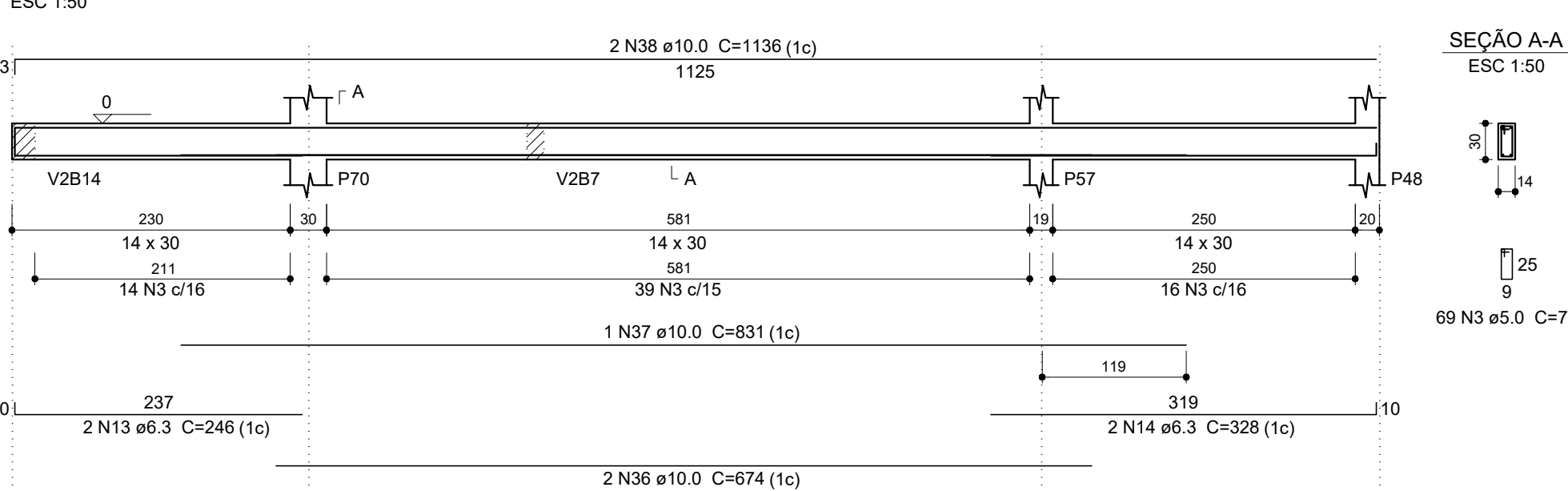
V2B22 (19 x 30)



V2B23 (14 x 30)



V2B25 (14 x 30)



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FELIPE HENRIQUE CAMARGOS
CREA: 248.394/D

RESPONSÁVEL PELA OBRA:

MUNICÍPIO DE IGARATINGA
CNPJ: 18.313.825/0001-21

PROJETO DE ESTRUTURA EM CONCRETO ARMADO E FUNDAÇÃO

CONTÉM: DETALHAMENTO VIGAS BALDRAME BLOCO 2. 2-3	ASSUNTO: PROJETO EXECUTIVO DE ESTRUTURA DE CONCRETO ARMADO E FUNDAÇÕES PARA O CEMEI ANA LUCINDA EM IGARATINGA, MUNICÍPIO DE MINAS GERAIS. LOCAL: PRAÇA MANOEL DE ASSIS, Nº 272 MUNICÍPIO: IGARATINGA/MG FINALIDADE: EDUCAÇÃO RESPONSÁVEL: MUNICÍPIO DE IGARATINGA CNPJ: 18.313.825/0001-21 ÁREA DO TERRENO: 1.605,28 m² ÁREA A CONSTRUIR: 1572,42 m² DESENHO: THALYS DE SOUZA C. DATA: 22/10/2024 REVISÃO: 01/2024	FOLHA: 14/37
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