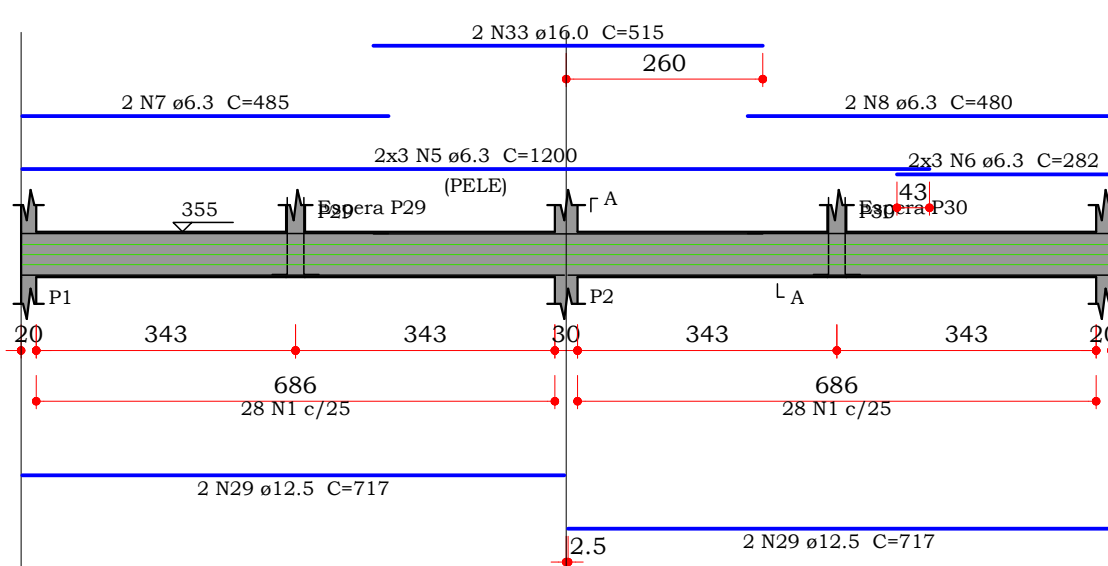
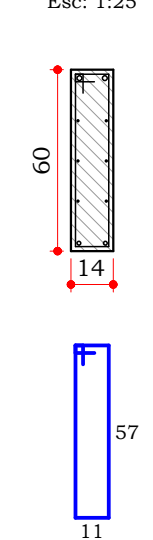


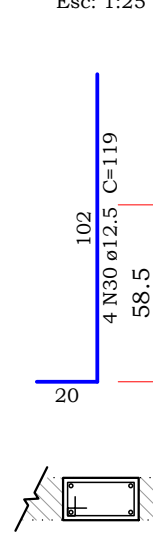
V1 (14 x 60)
Esc: 1:100



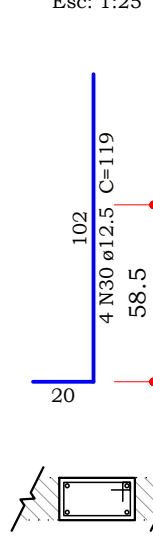
SEÇÃO A-A
Esc: 1:25



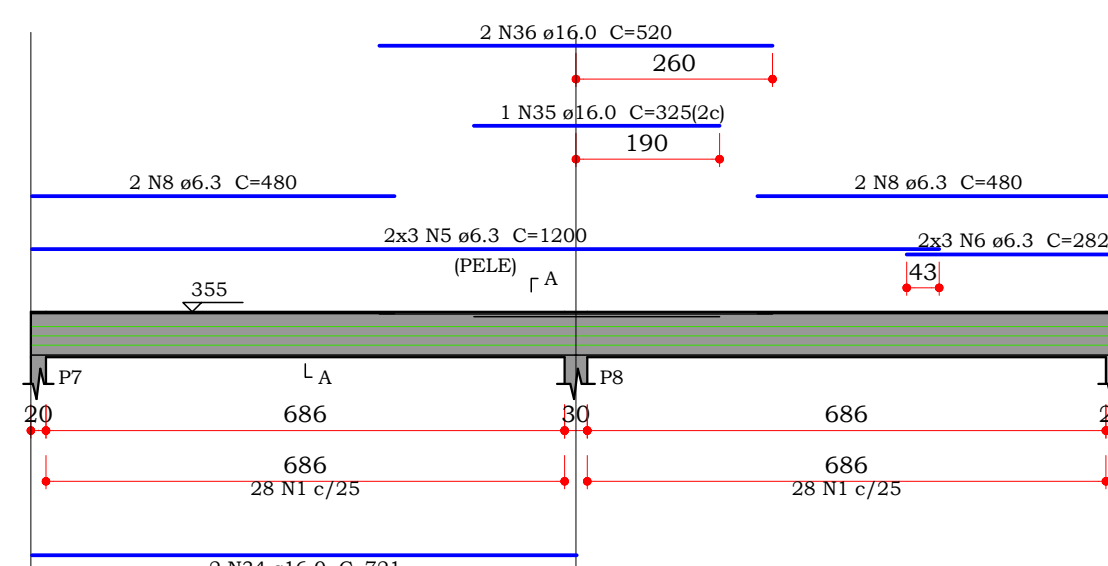
ESPERA P29
Esc: 1:25



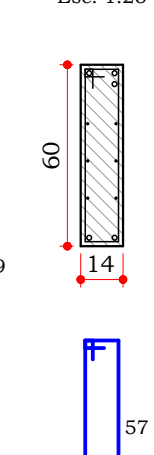
ESPERA P30
Esc: 1:25



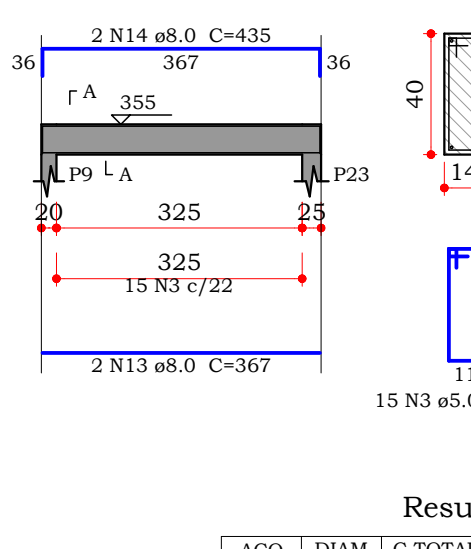
V2 (14 x 60)
Esc: 1:100



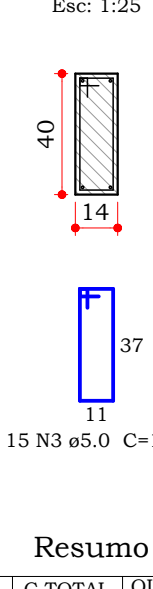
SEÇÃO A-A
Esc: 1:25



V3 (14 x 40)
Esc: 1:100



SEÇÃO A-A
Esc: 1:25

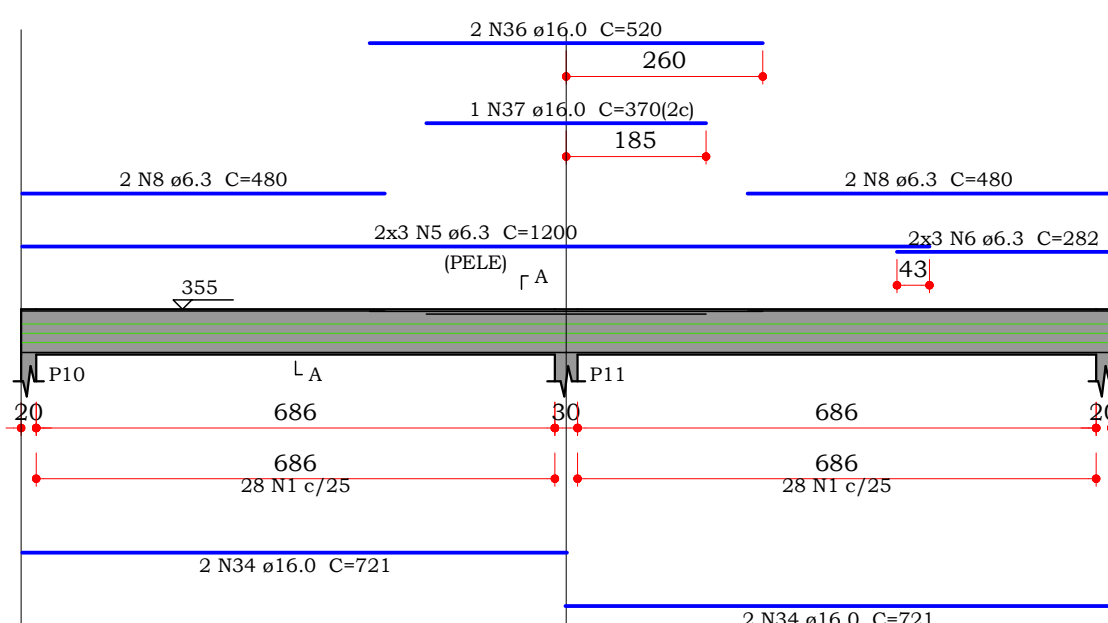


Resumo do aço

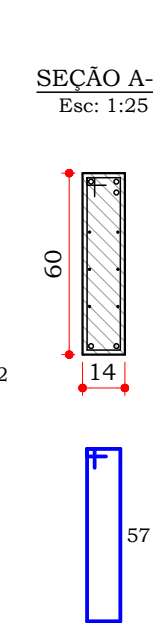
ACO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	6.3	688.3	64	185.3
CA50	8.0	186.2	18	80.8
CA50	10.0	91.6	9	62.1
CA50	12.5	75.4	7	79.8
CA50	16.0	150.1	14	260.6
CA50	5.0	778.8	72	132
CA60				
PESO TOTAL (kg)				
CA50	668.6			
CA60	132			

Volume de concreto (C-30) = 9.23 m³
Área de forma = 159.73 m²

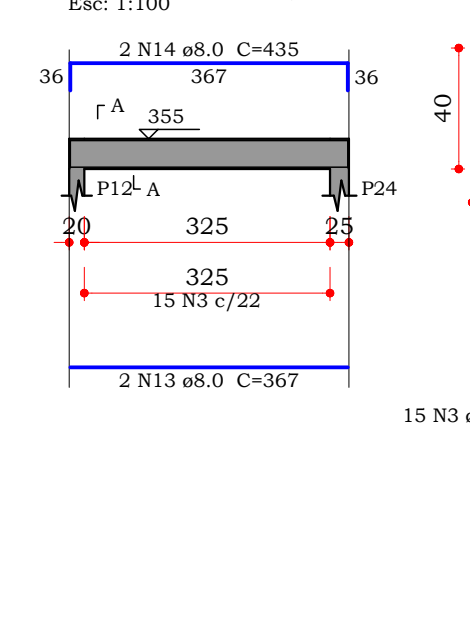
V4 (14 x 60)
Esc: 1:100



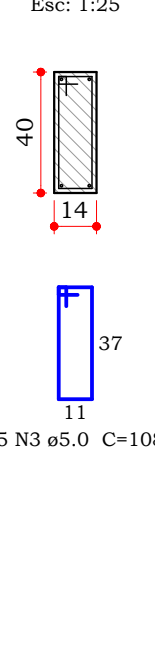
SEÇÃO A-A
Esc: 1:25



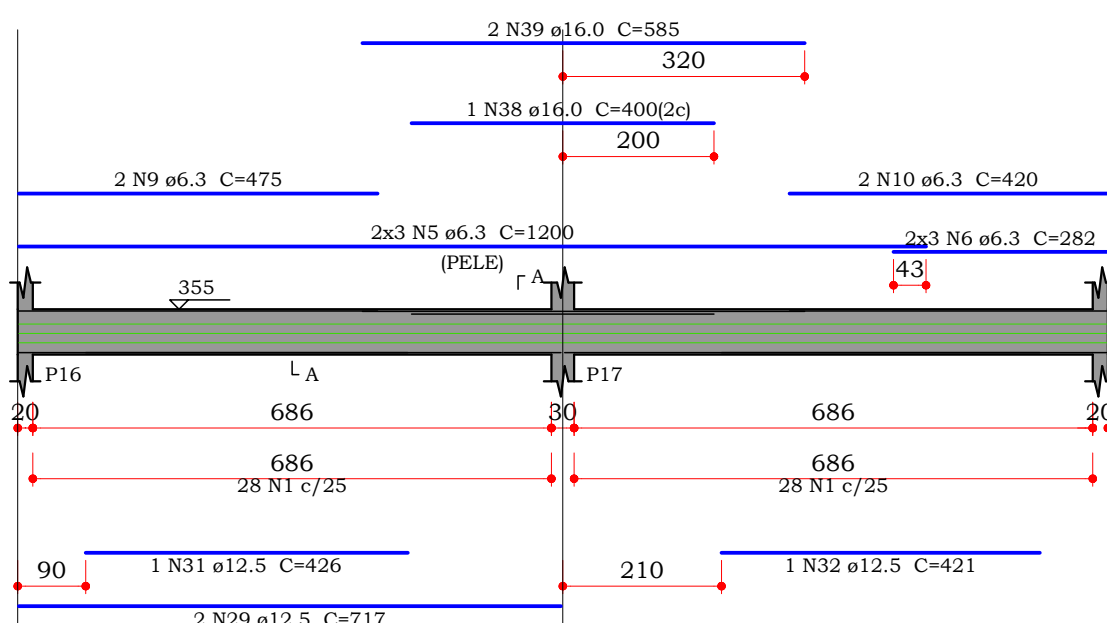
V5 (14 x 40)
Esc: 1:100



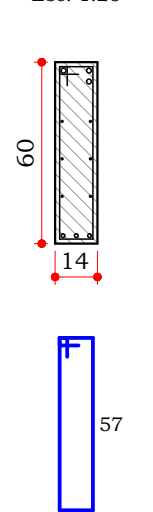
SEÇÃO A-A
Esc: 1:25



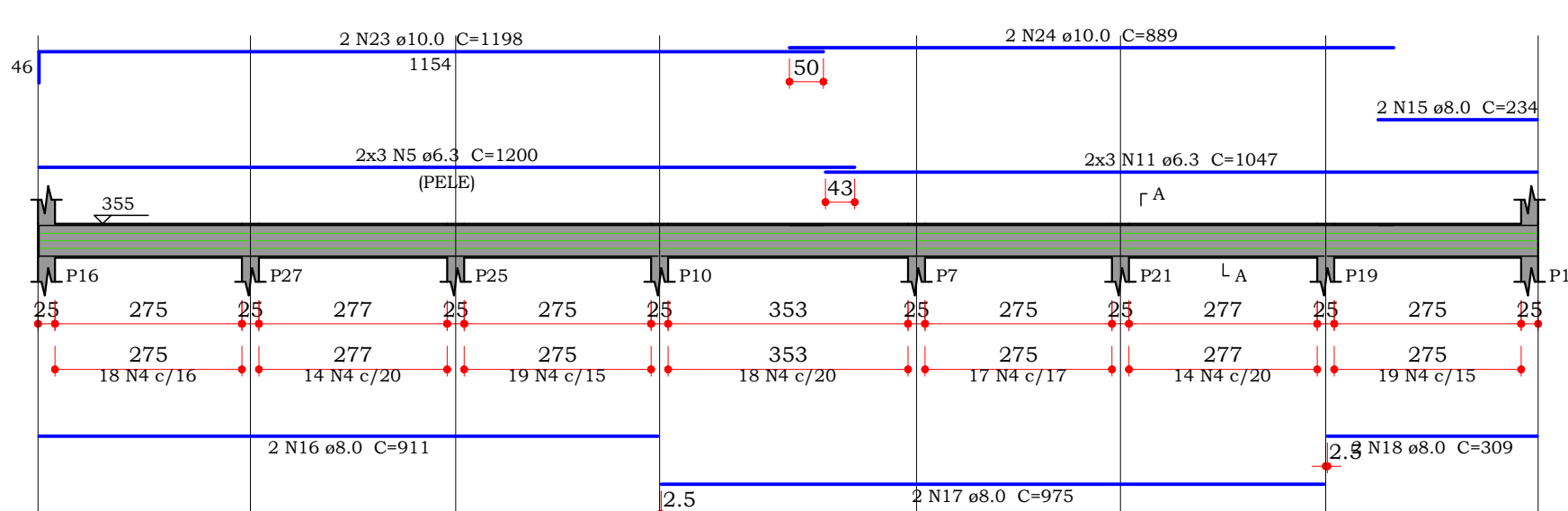
V6 (14 x 60)
Esc: 1:100



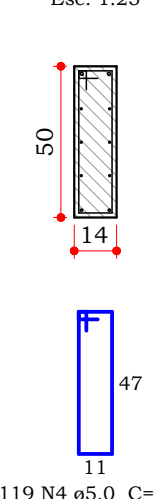
SEÇÃO A-A
Esc: 1:25



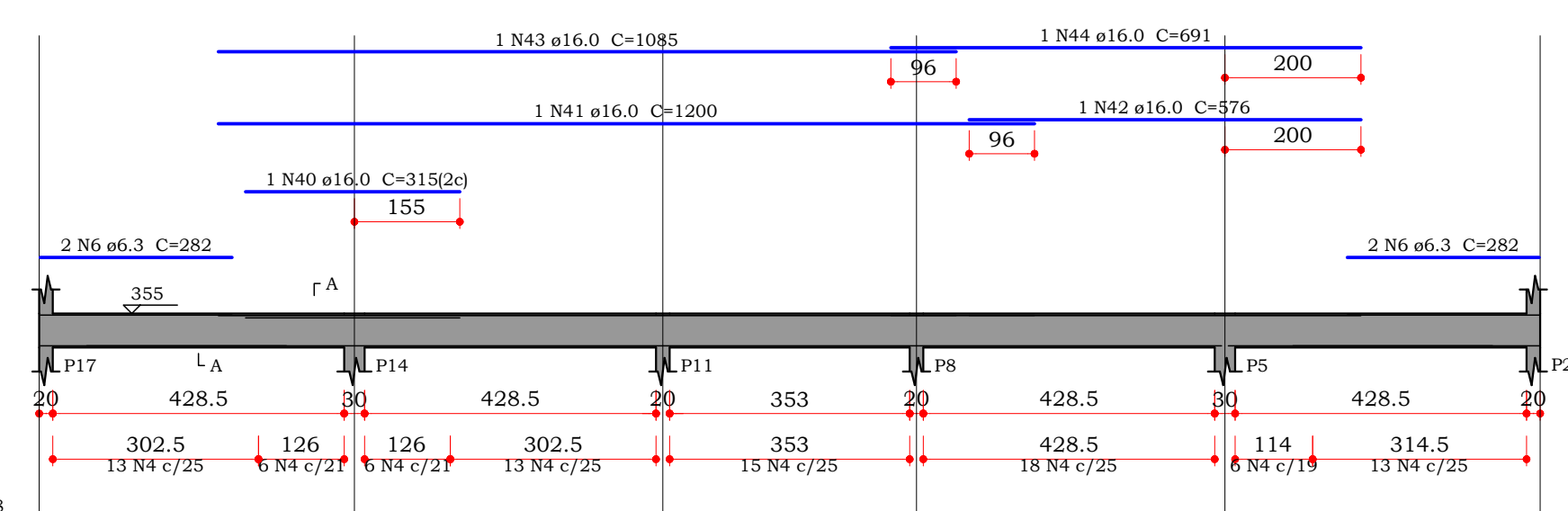
V7 (14 x 50)
Esc: 1:100



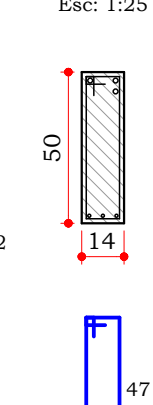
SEÇÃO A-A
Esc: 1:25



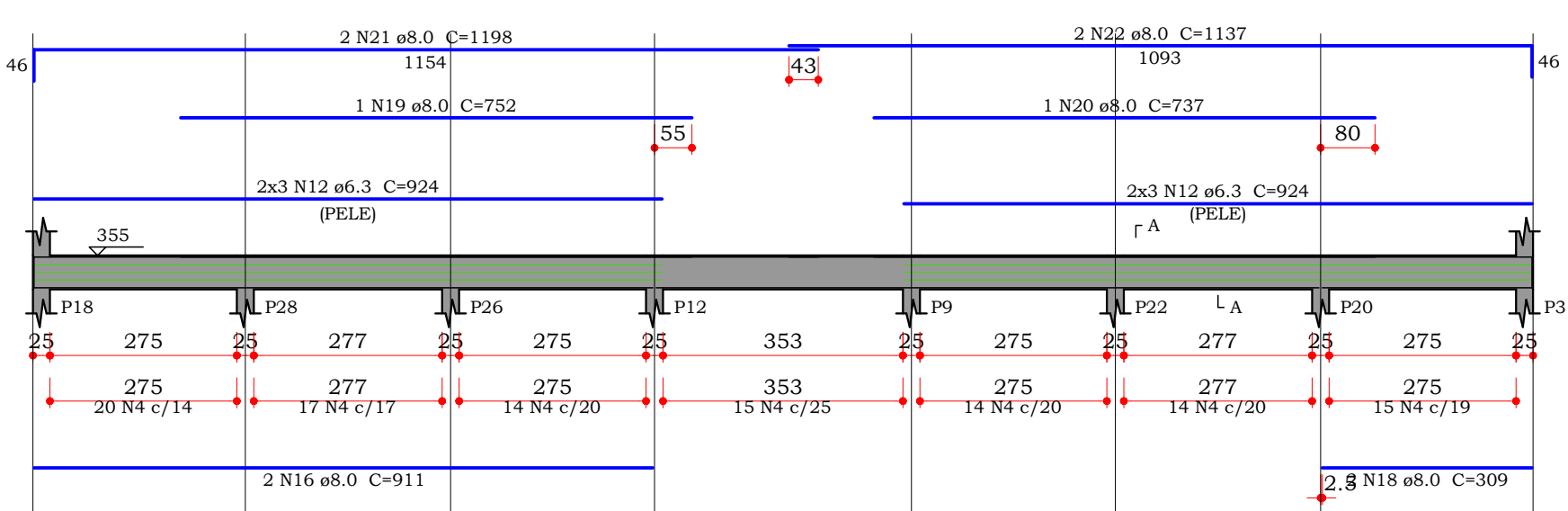
V8 (14 x 50)
Esc: 1:100



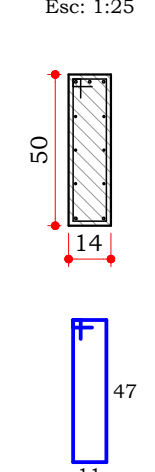
SEÇÃO A-A
Esc: 1:25



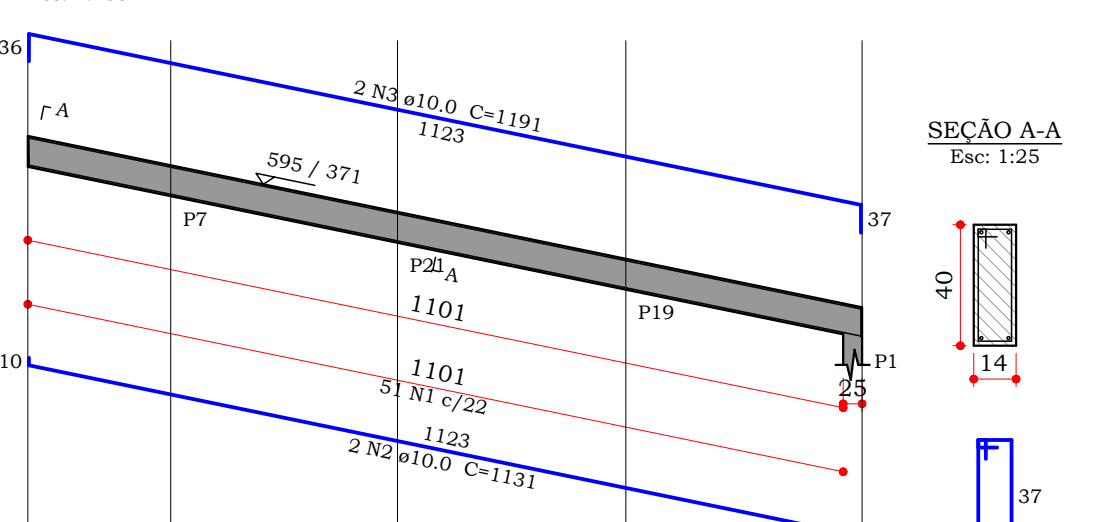
V9 (14 x 50)
Esc: 1:100



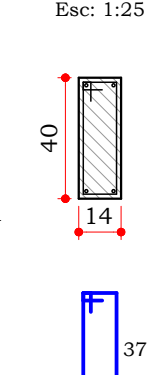
SEÇÃO A-A
Esc: 1:25



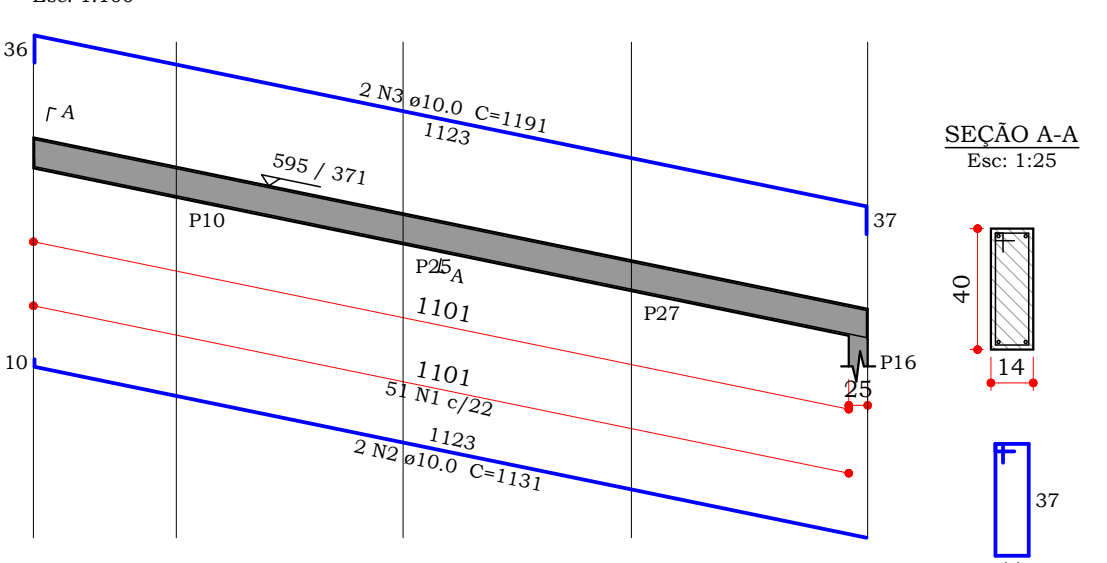
V3 (14 x 40)
Esc: 1:100



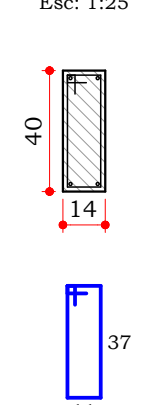
SEÇÃO A-A
Esc: 1:25



V4 (14 x 40)
Esc: 1:100



SEÇÃO A-A
Esc: 1:25

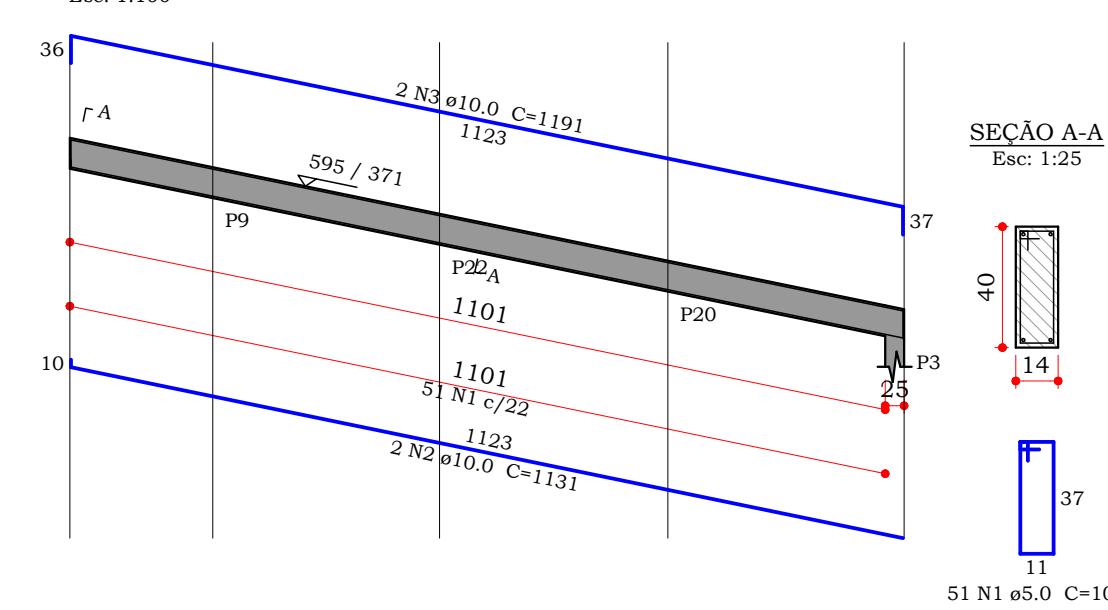


Resumo do aço

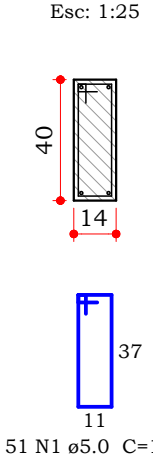
ACO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	10.0	185.8	18	126
CA60	5.0	220.4	21	37.4
CA50	126			
CA60	37.4			

Volume de concreto (C-30) = 2.47 m³
Área de forma = 41.42 m²

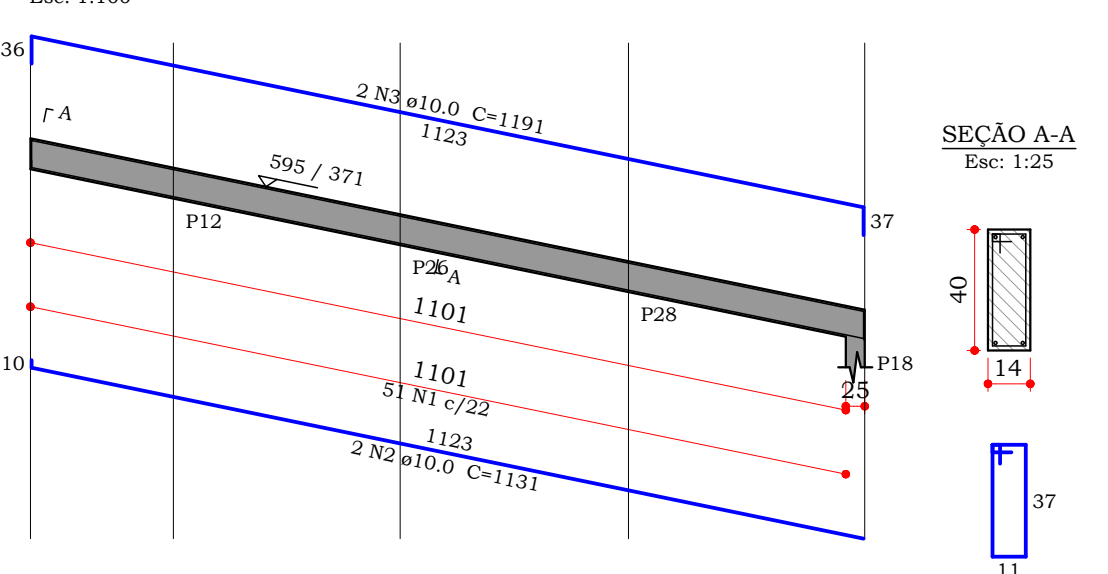
V1 (14 x 40)
Esc: 1:100



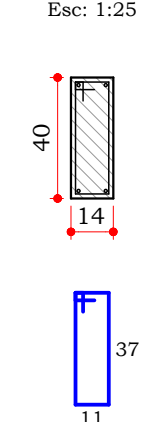
SEÇÃO A-A
Esc: 1:25



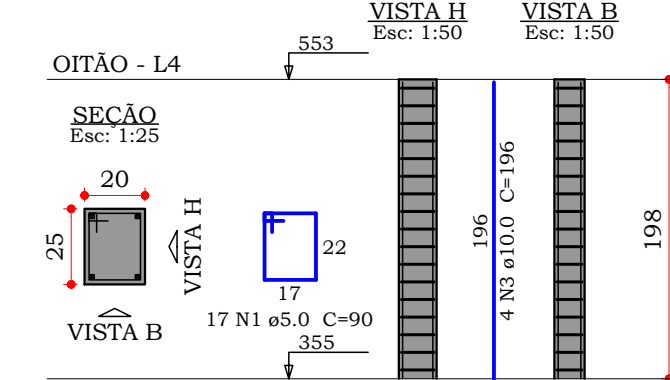
V5 (14 x 40)
Esc: 1:100



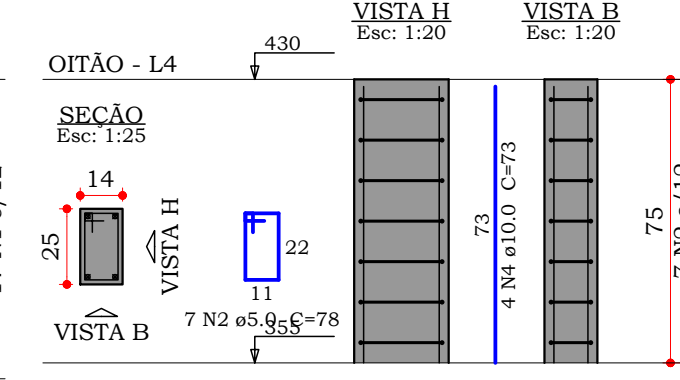
SEÇÃO A-A
Esc: 1:25



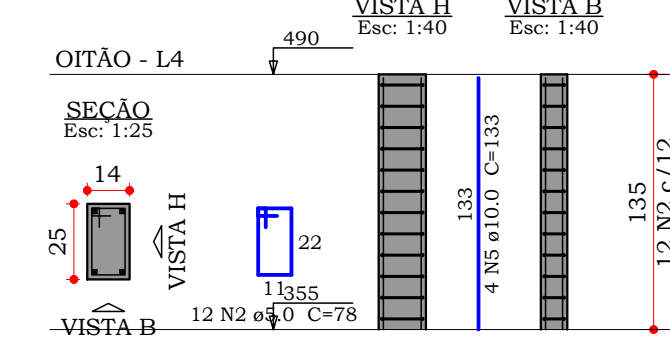
P7=P9=P10=P12



P19=P20=P27=P28



P21=P22=P25=P26



Resumo do aço

ACO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	10.0	64.4	6	43.6
CA60	5.0	120.5	12	20.4
CA50	43.6			
CA60	20.4			

Volume de concreto (C-30) = 0.69 m³
Área de forma = 13.68 m²



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CREA/SC 025.924-0



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Concórdia/ SC

CONTRATANTE:
Sr. Rudinei Kock Exterkoter
Diretor Geral Campus Concórdia

NOME DO PROJETO: PROJETO - SALAS DE AULA		
TÍTULO DO DESENHO: VIGAS E PILARES FORRO		
OBJETIVO DO PROJETO: CONSTRUÇÃO	TIPO DE PROJETO: ESTRUTURAL	FOLHA: 08
AUTORIA DO DESENHO: GERSON	ÁREA DO PROJETO: 332,6450 m²	
CIDADE - UF: CONCÓRDIA - SC	REVISÃO Nº: 00	REFERÊNCIA: EC 08/09
DATA: 09/2022	ESCALA: INDICADA	