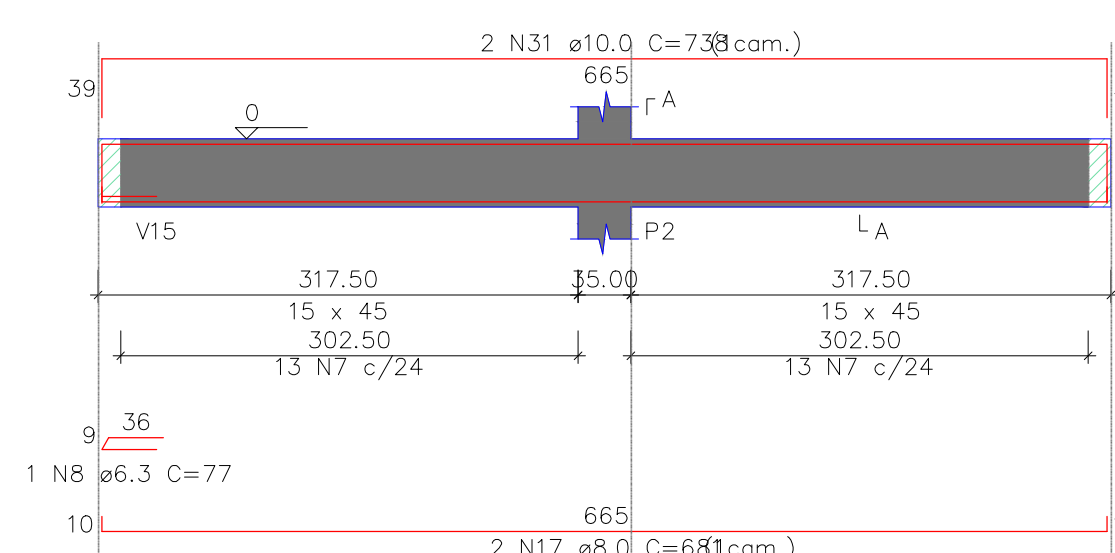
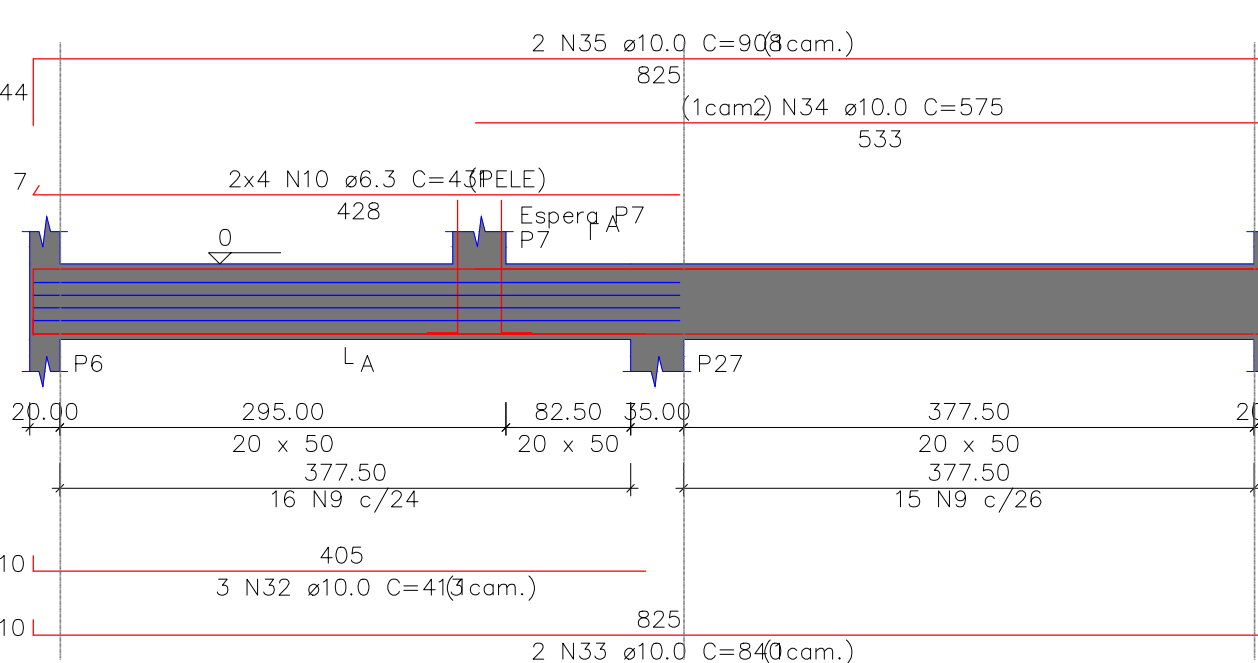


V1 (15 x 45)
Esc. 1:50



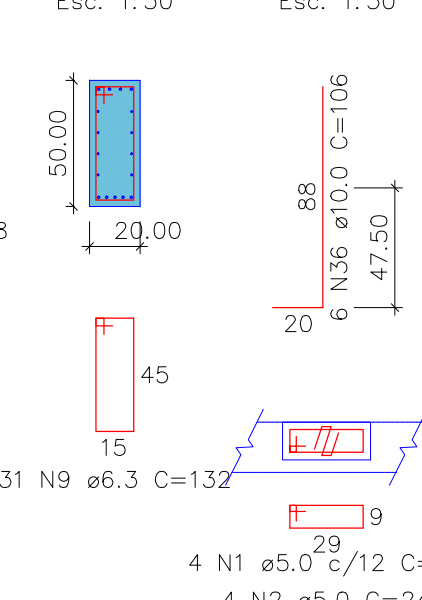
SEÇÃO A-A
Esc. 1:30

V2 (20 x 50)
Esc. 1:50

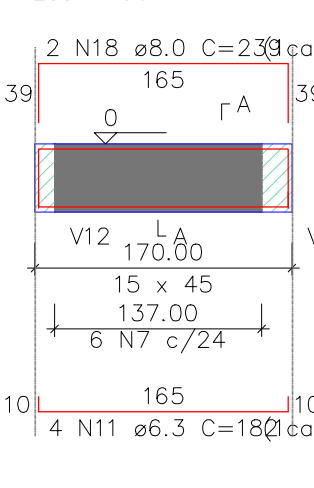


SEÇÃO A-A
Esc. 1:30

ESPERA P7
Esc. 1:30

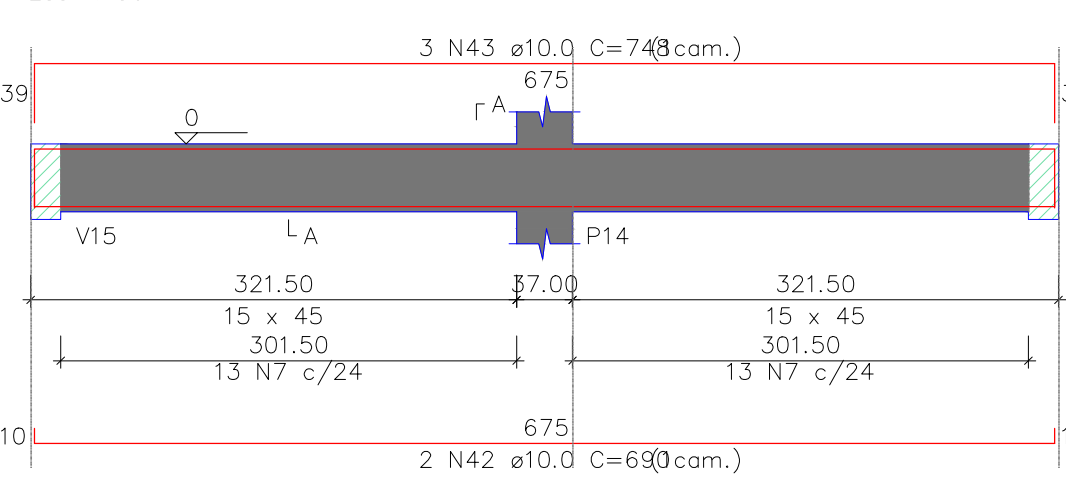


V4 (15 x 45)
Esc. 1:50

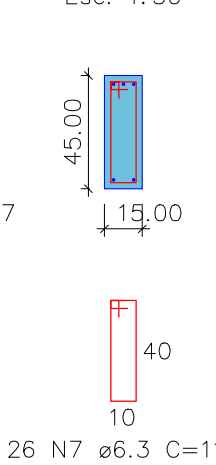


SEÇÃO A-A
Esc. 1:30

V5 (15 x 45)
Esc. 1:50



SEÇÃO A-A
Esc. 1:30

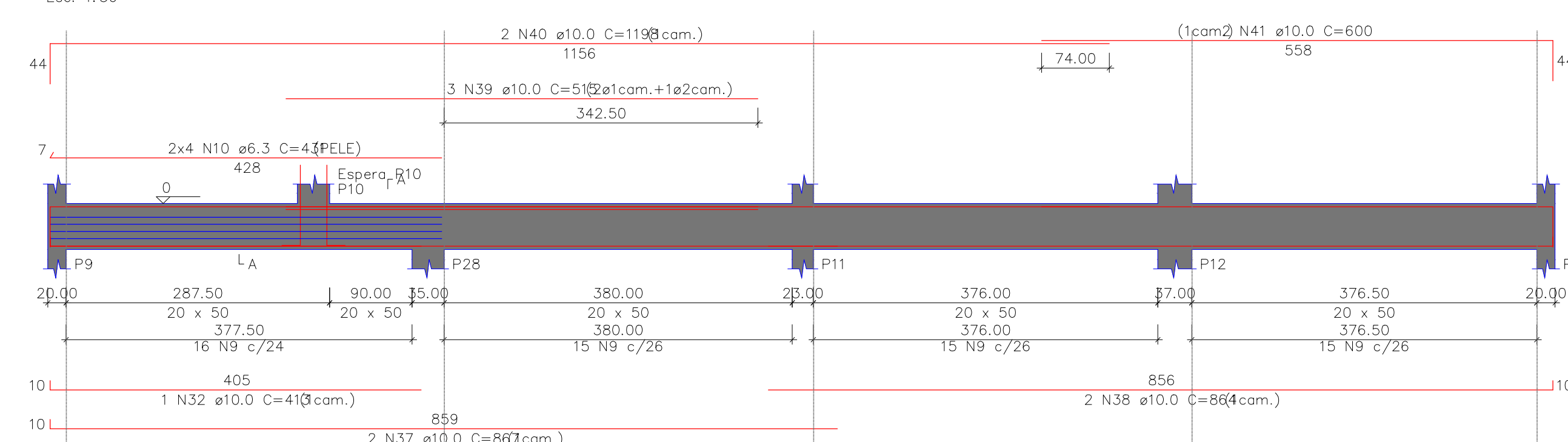


RESUMO DO AÇO

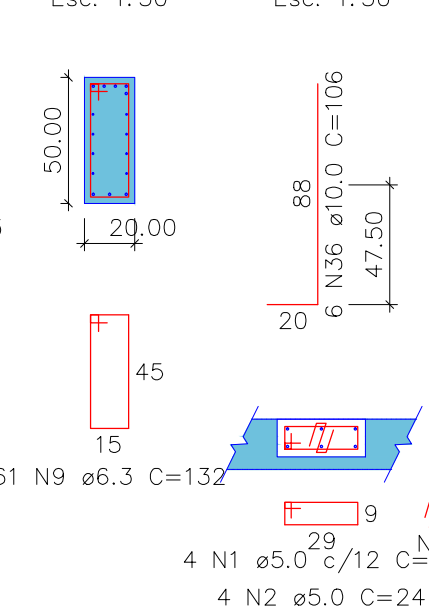
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barros)	UNIT	PESO + 10% (kg)
CA50	6.3	486.2	45	12 m	130.9
	8.0	194.8	18	12 m	84.5
	10.0	400.9	37	12 m	271.9
	12.5	86.5	8	12 m	91.7
	5.0	200.1	170	12 m	33.9
PESO TOTAL (kg)					
CA50		579			
CA60		33.9			

Volume de concreto (C-25) = 8.91 m³
Área de forma = 122.90 m²

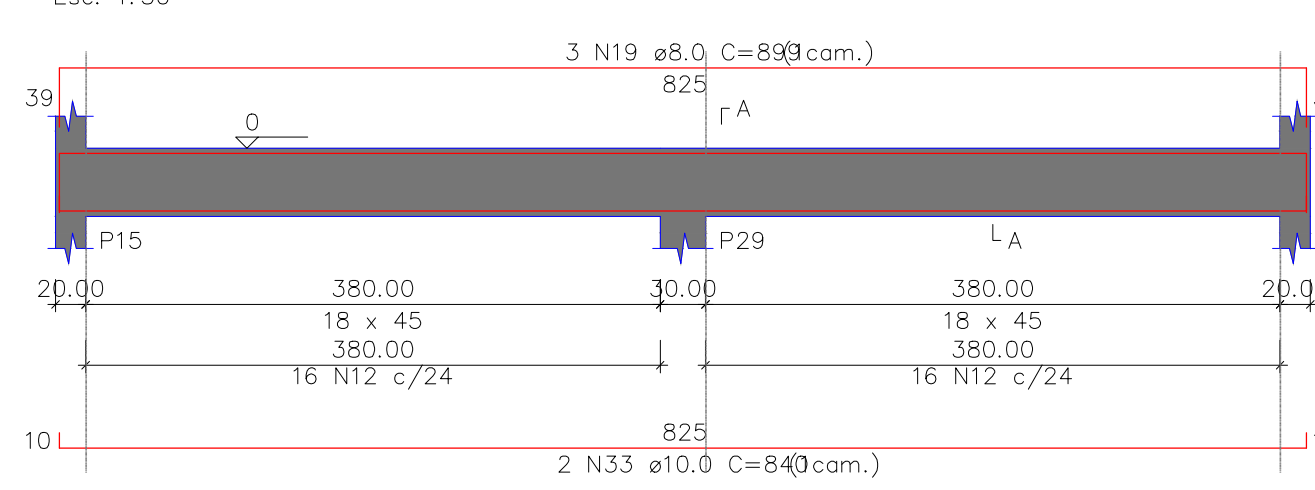
V3 (20 x 50)
Esc. 1:50



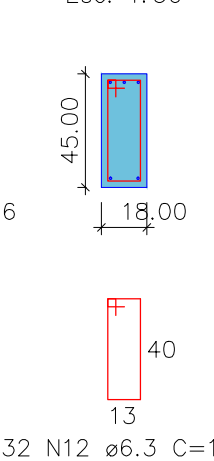
SEÇÃO A-A
Esc. 1:30



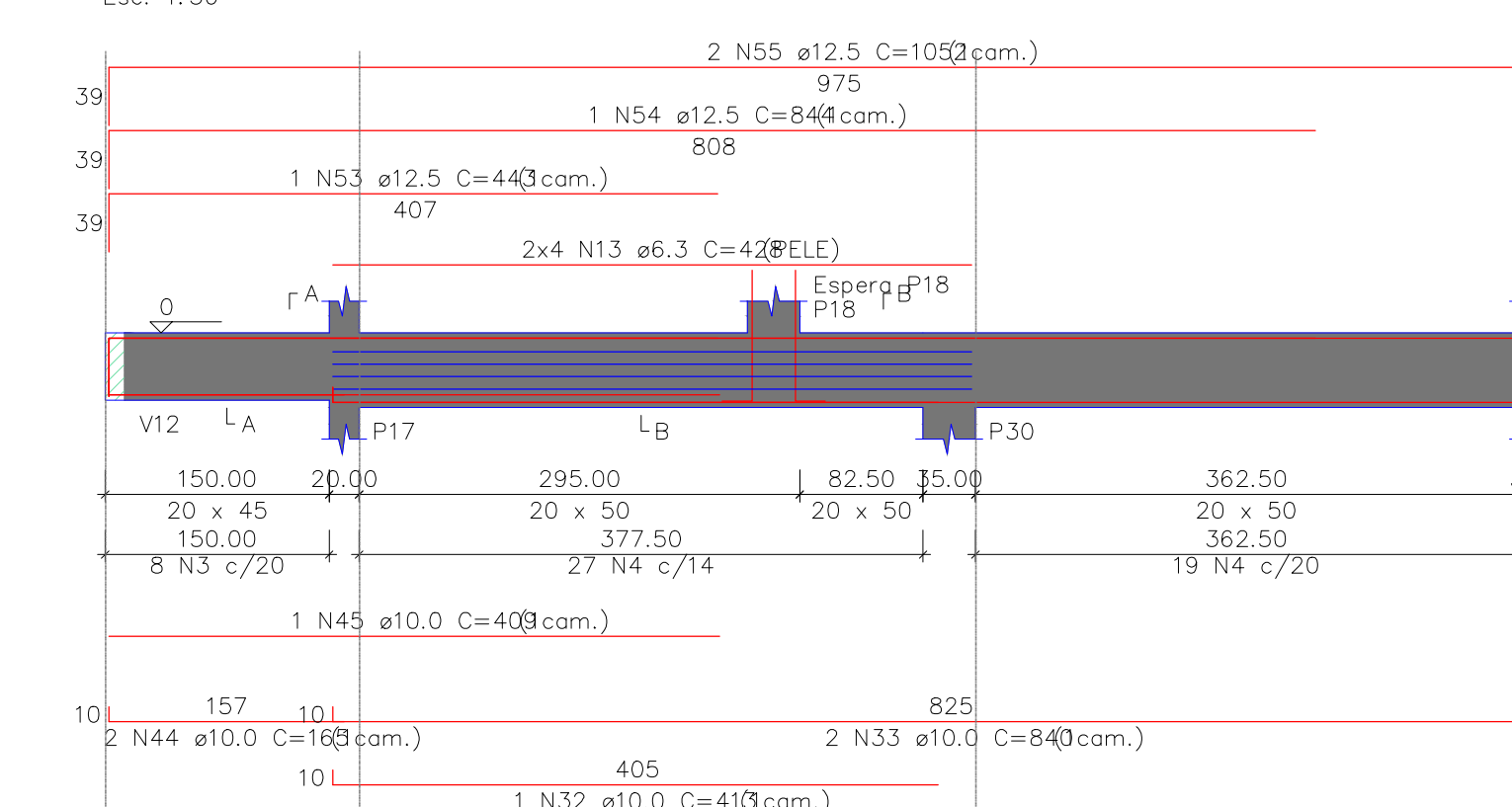
V6 (18 x 45)
Esc. 1:50



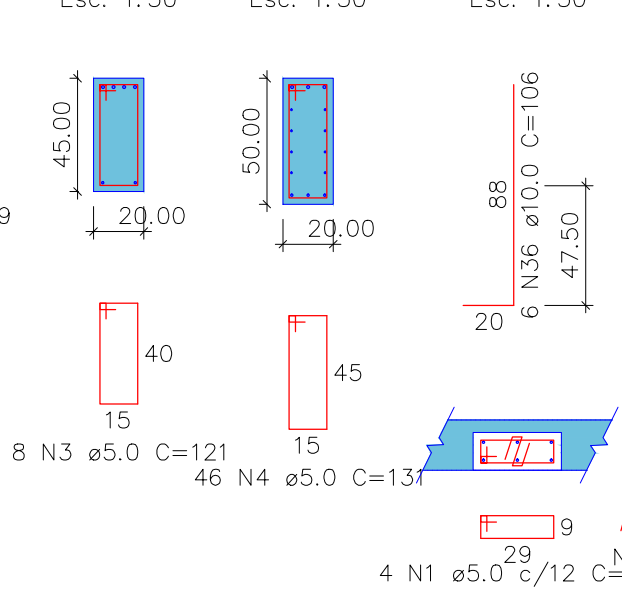
SEÇÃO A-A
Esc. 1:30



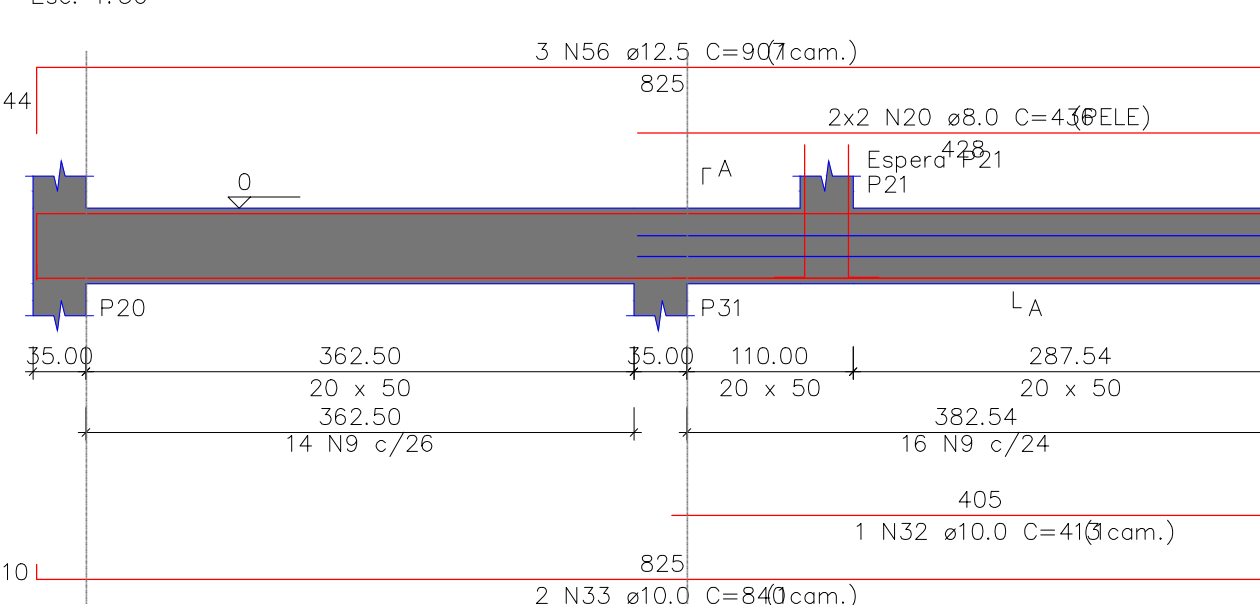
V7 (var)
Esc. 1:50



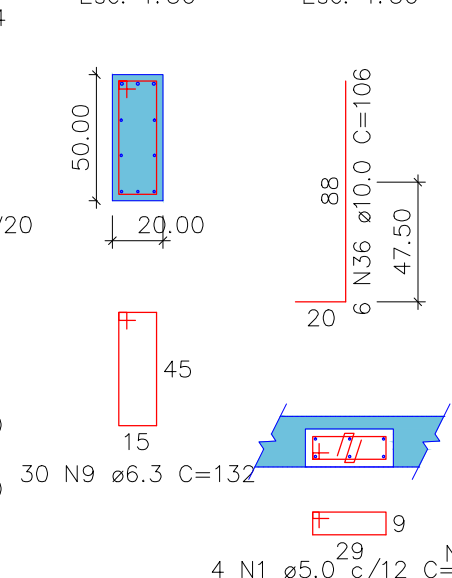
SEÇÃO A-A
Esc. 1:30



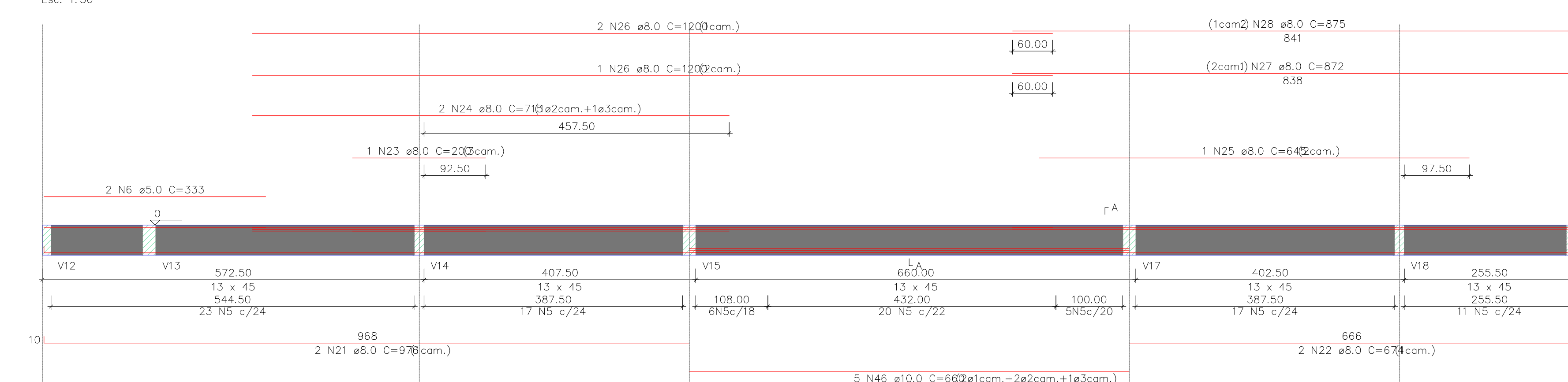
V8 (20 x 50)
Esc. 1:50



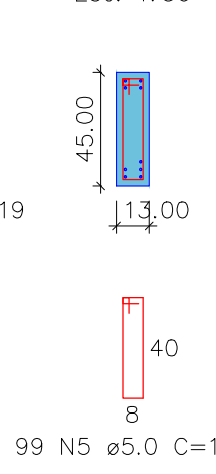
SEÇÃO A-A
Esc. 1:30



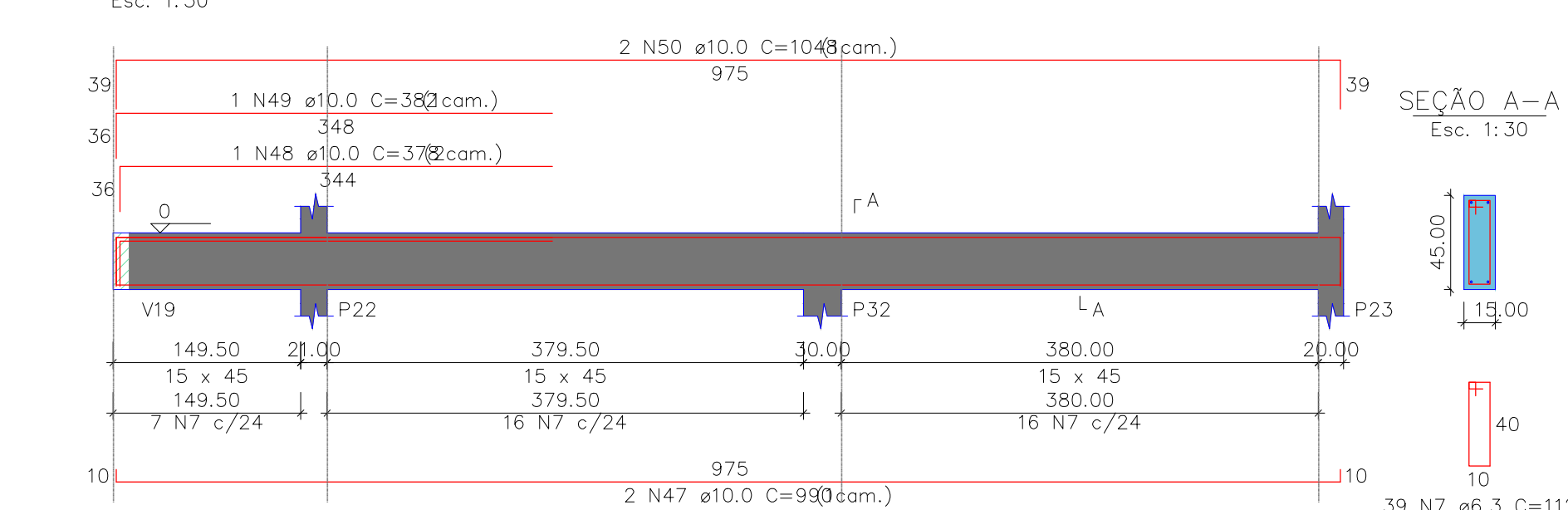
V9 (13 x 45)
Esc. 1:50



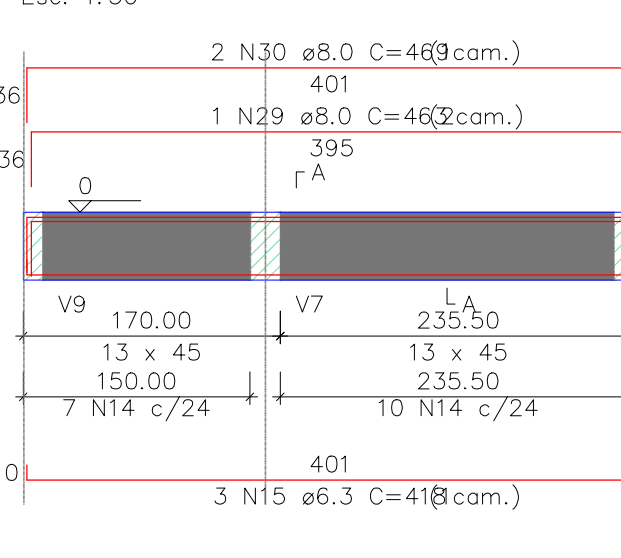
SEÇÃO A-A
Esc. 1:30



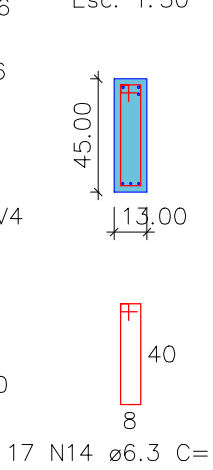
V10 (15 x 45)
Esc. 1:50



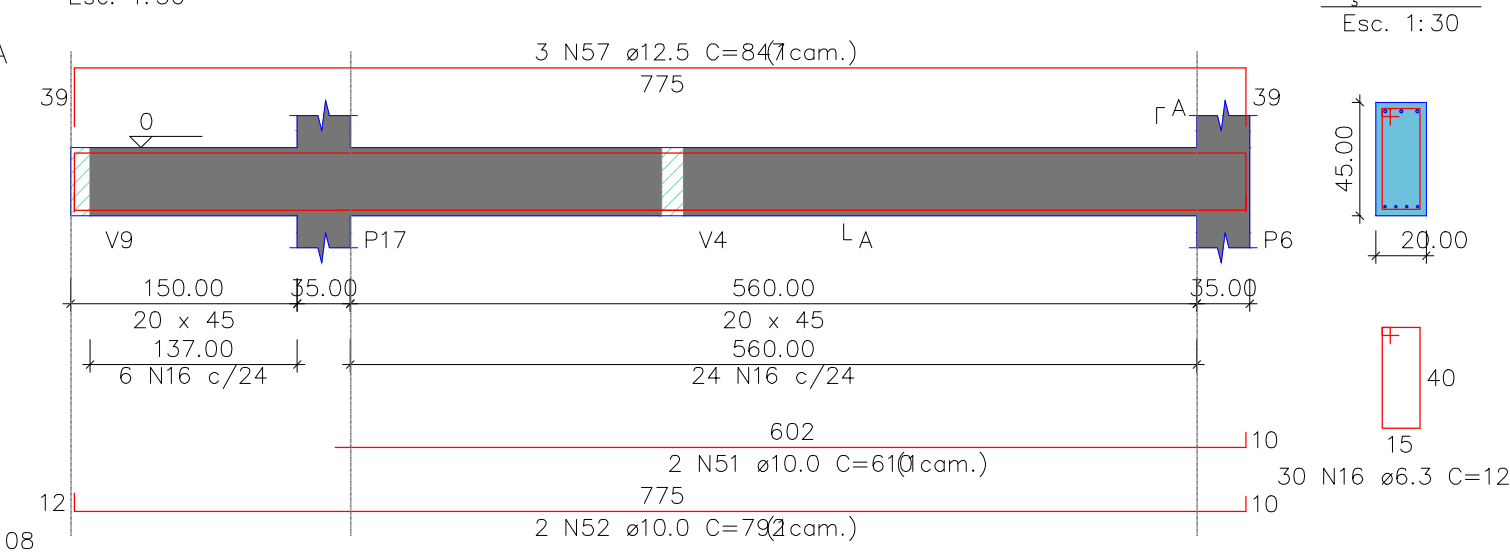
V12 (13 x 45)
Esc. 1:50



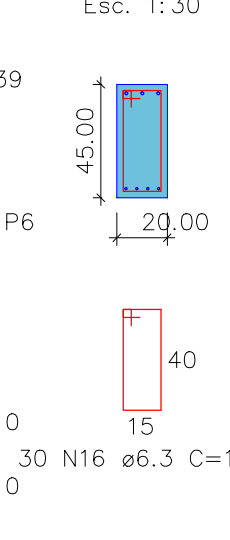
SEÇÃO A-A
Esc. 1:30



V13 (20 x 45)
Esc. 1:50



SEÇÃO A-A
Esc. 1:30



ASSINATURAS	
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INTERVENÇÃO: REFORMA E AMPLIAÇÃO DIREITOS AUTORAIS RESERVADOS POR LEI.	
PREFEITURA MUNICIPAL DE GASPAR SECRETARIA MUNICIPAL DE EDUCAÇÃO - SEMED RUA SÃO PEDRO Nº 128 - CENTRO - GASPAR - CEP 89110-082	
CDI DORVALINA FACHINI	ESTRUTURAL
ENGENHEIRO: RUA PREFEITO JULIO SCHRAMM, Nº 635 - BAIRRO: SETE DE SETEMBRO - GASPAR/SC	ESCALA: INDICADA
CONTEÚDO: DETALHAMENTO DAS VIGAS - PARTE 01 PVTO. BALDRAME	FRANCHA: ES08
Nº DE FRANCHAS: 15	DATA: 04/02/2019