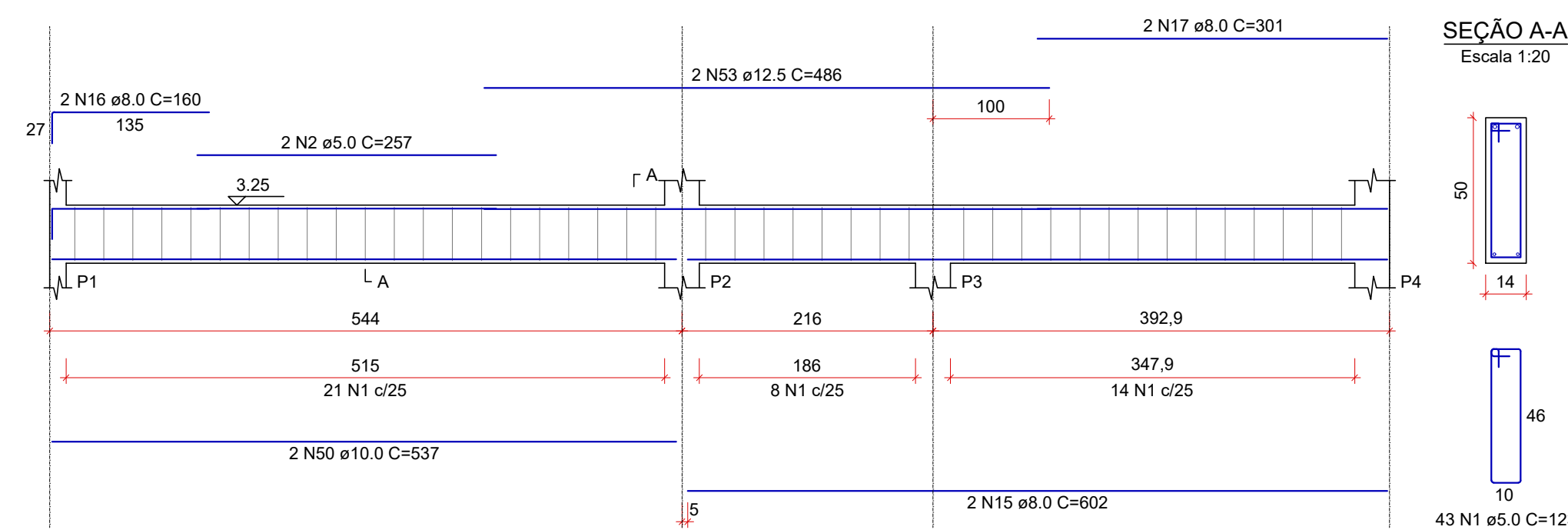
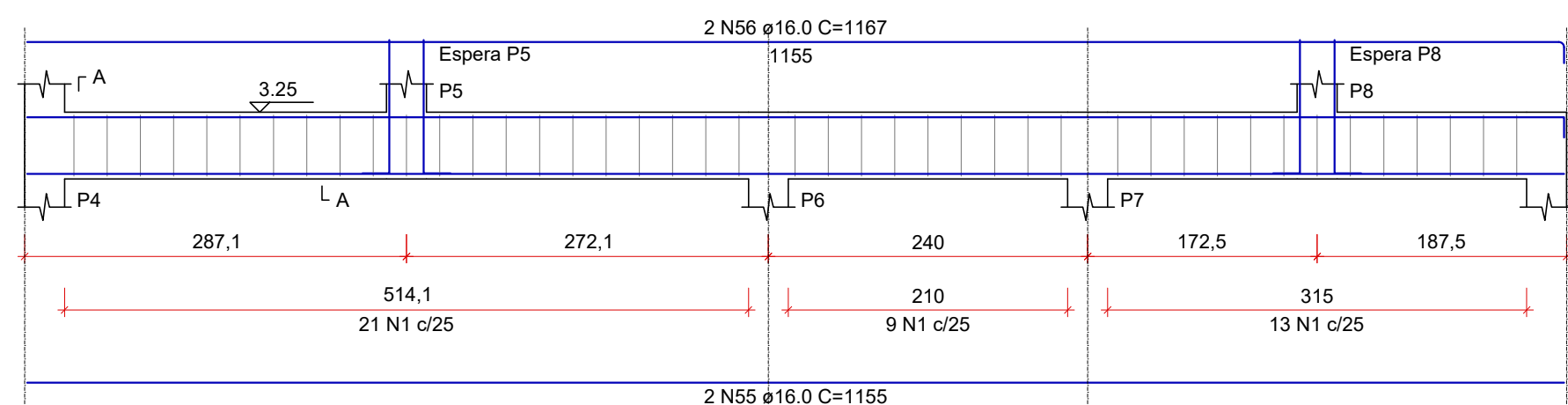


V201
Escala 1:50



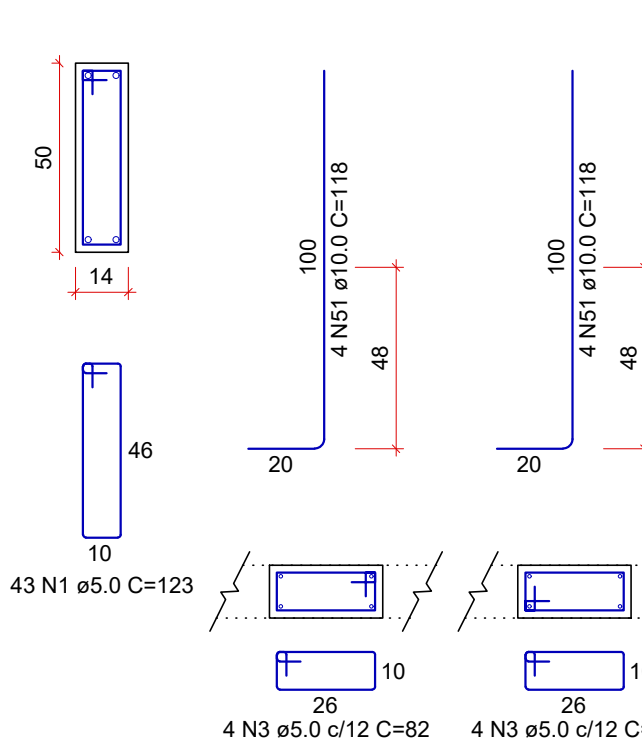
V202
Escala 1:50



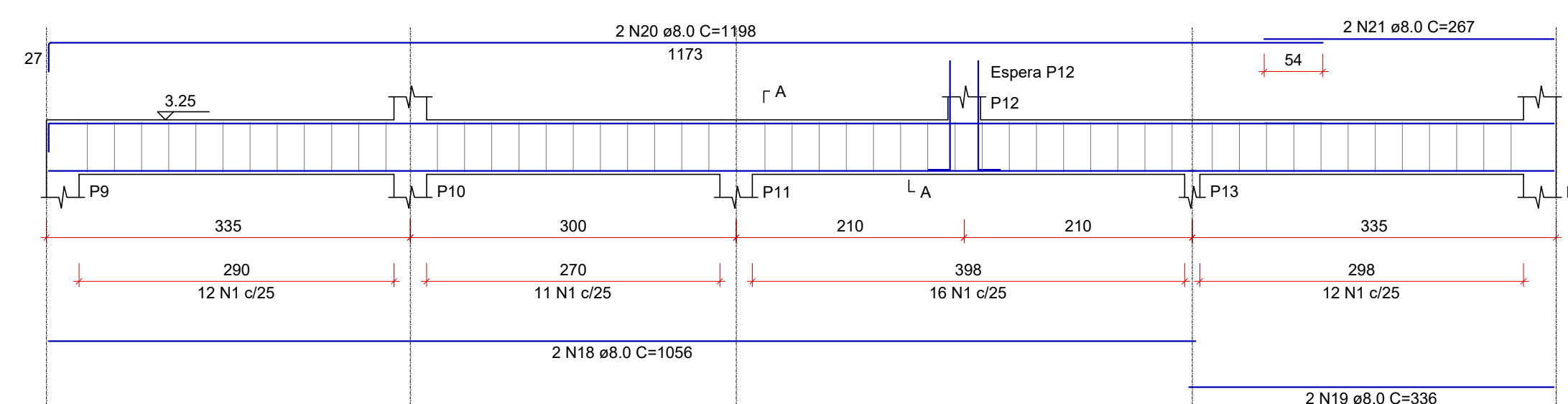
SEÇÃO A-A
Escala 1:20

ESPERA P5
Escala 1:20

ESPERA P8
Escala 1:20

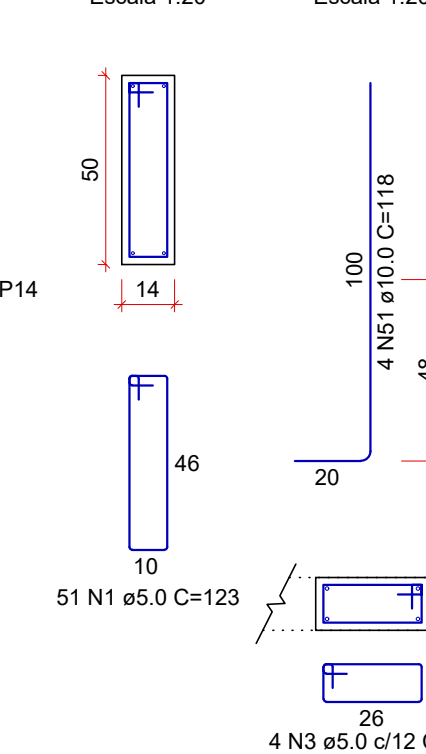


V203
Escala 1:50

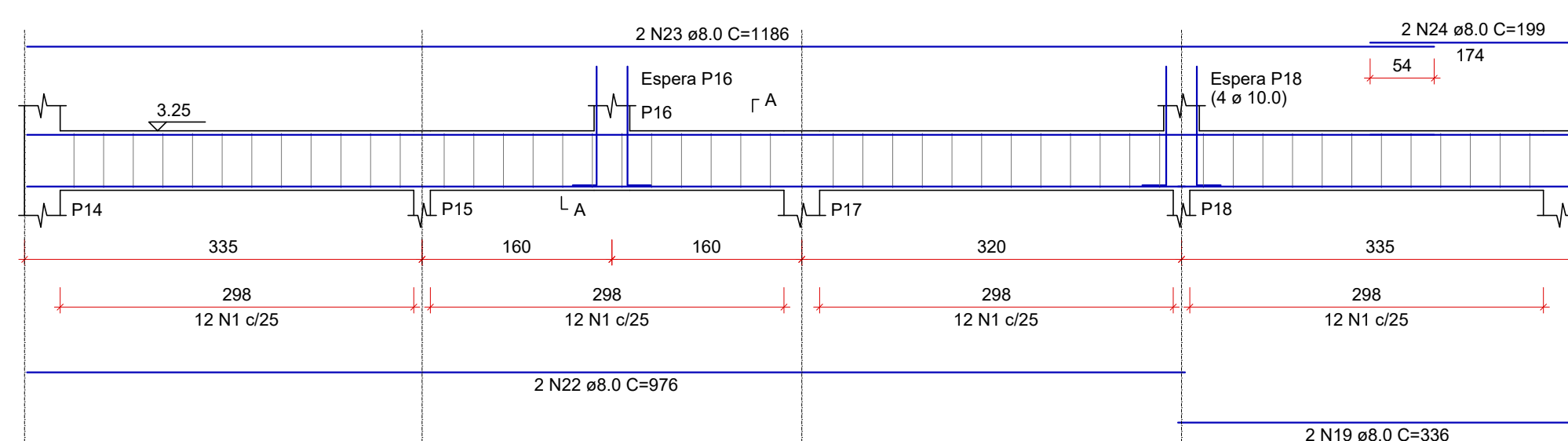


SEÇÃO A-A
Escala 1:20

ESPERA P12
Escala 1:20

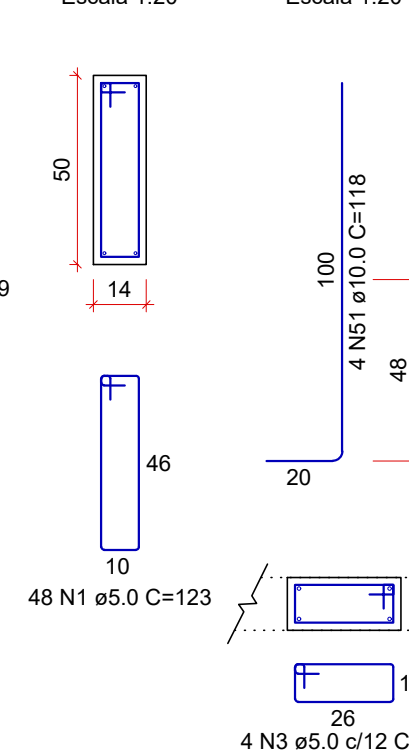


V204
Escala 1:50

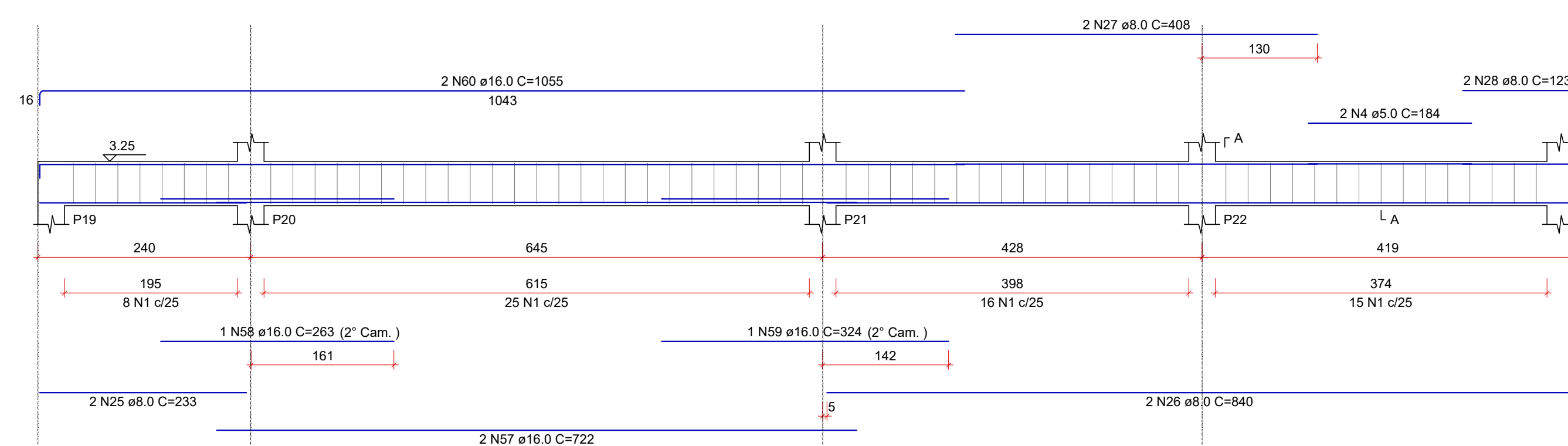


SEÇÃO A-A
Escala 1:20

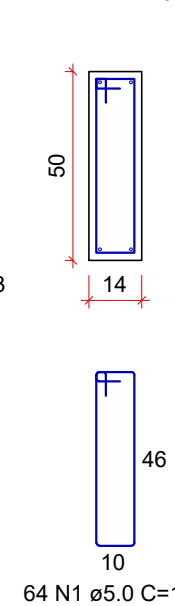
ESPERA P16
Escala 1:20



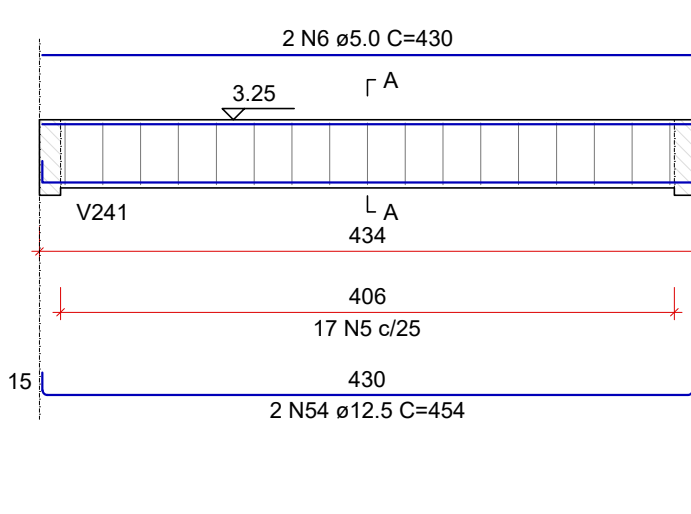
V205
Escala 1:50



SEÇÃO A-A
Escala 1:20

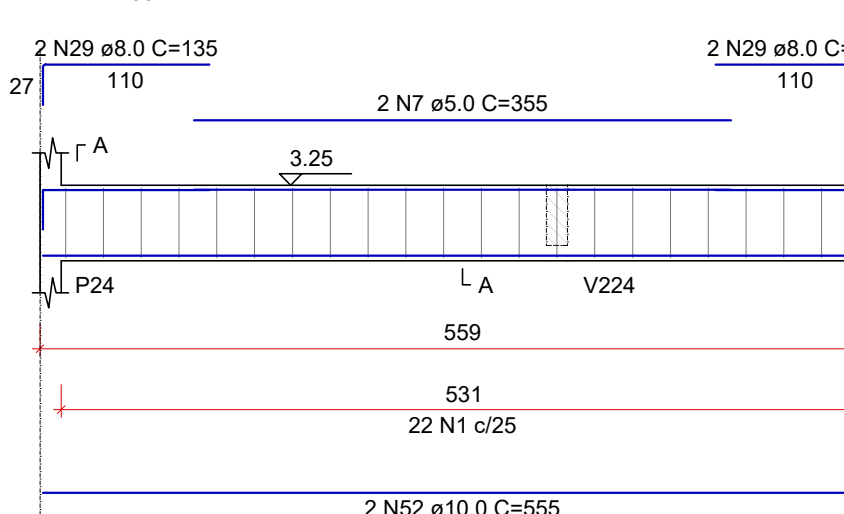


V206
Escala 1:50

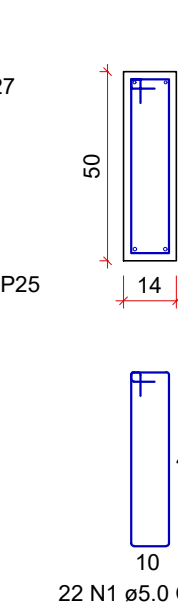


SEÇÃO A-A
Escala 1:20

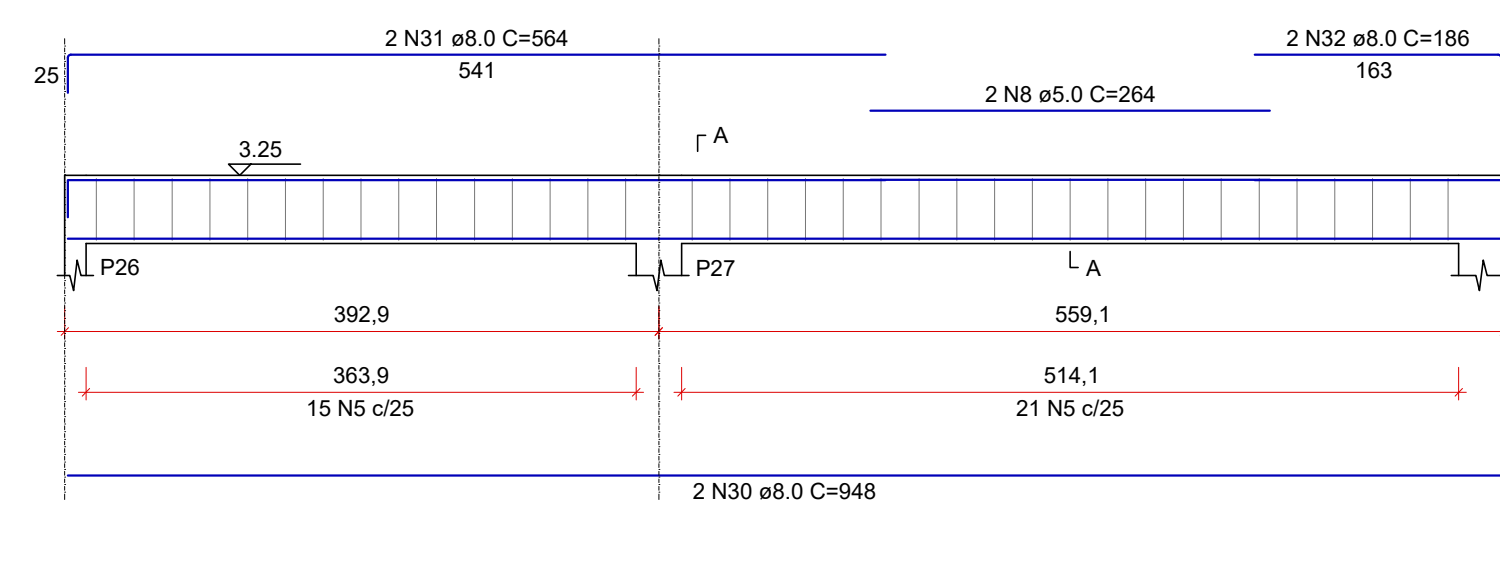
V207
Escala 1:50



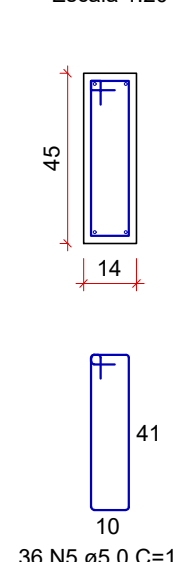
SEÇÃO A-A
Escala 1:20



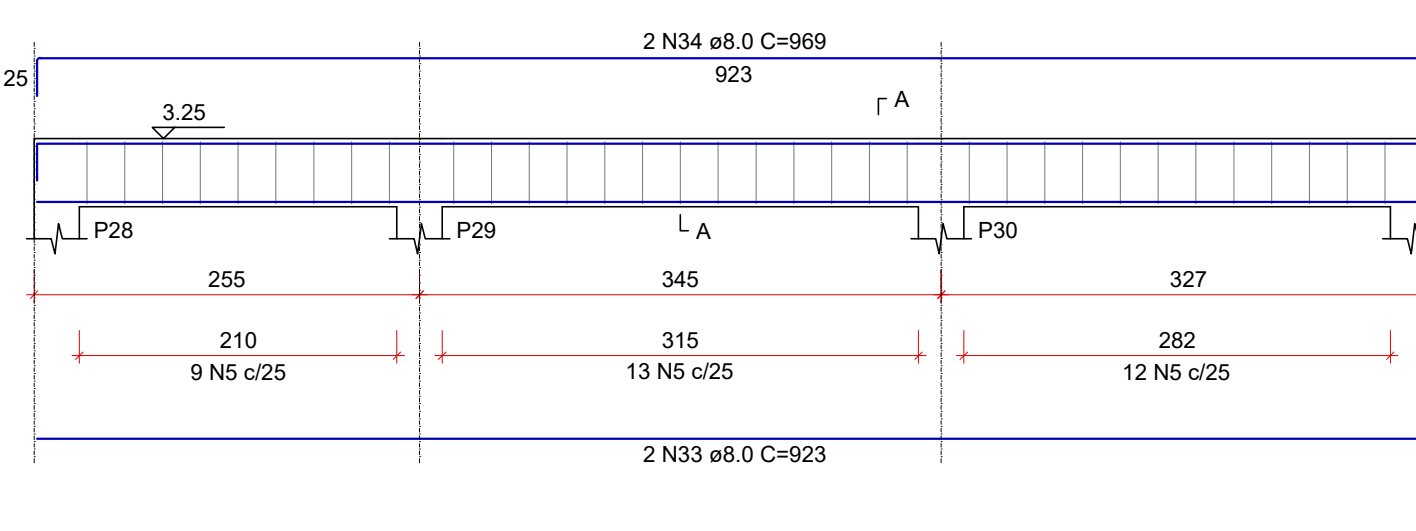
V208
Escala 1:50



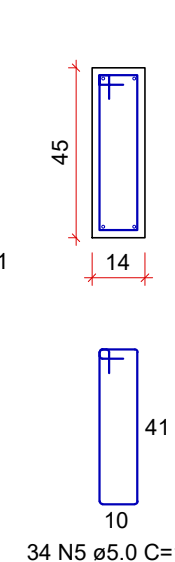
SEÇÃO A-A
Escala 1:20



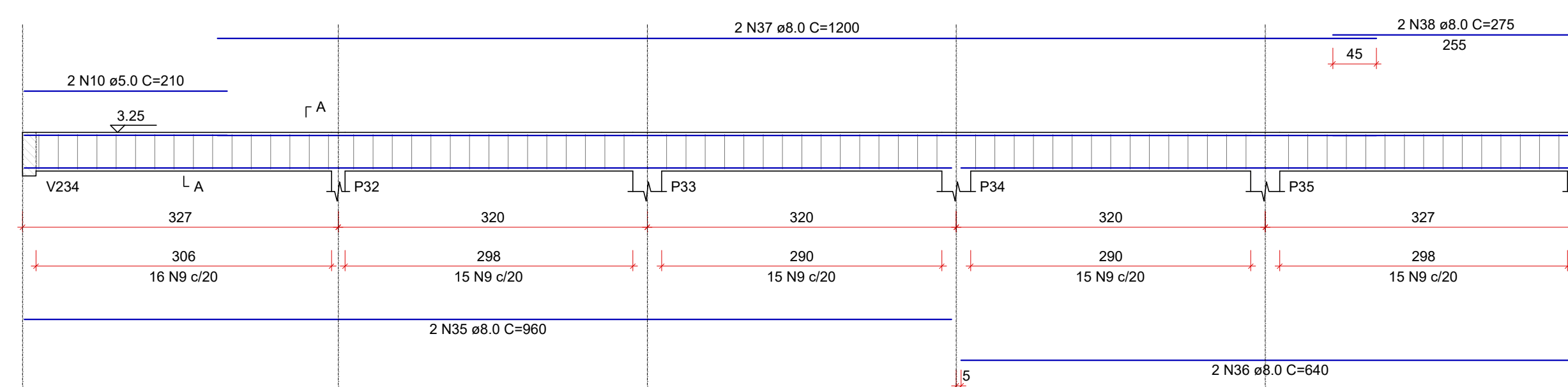
V209
Escala 1:50



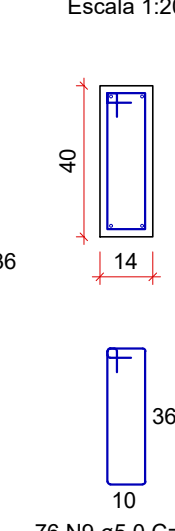
SEÇÃO A-A
Escala 1:20



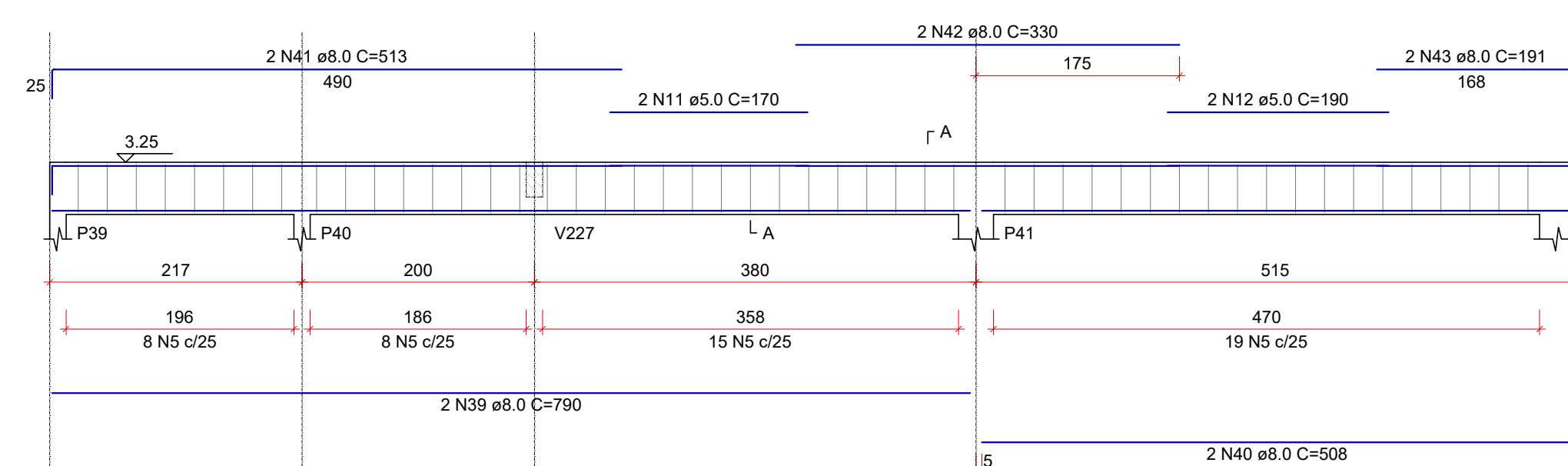
V210
Escala 1:50



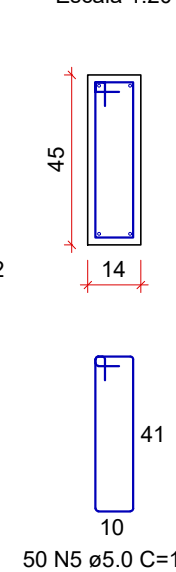
SEÇÃO A-A
Escala 1:20



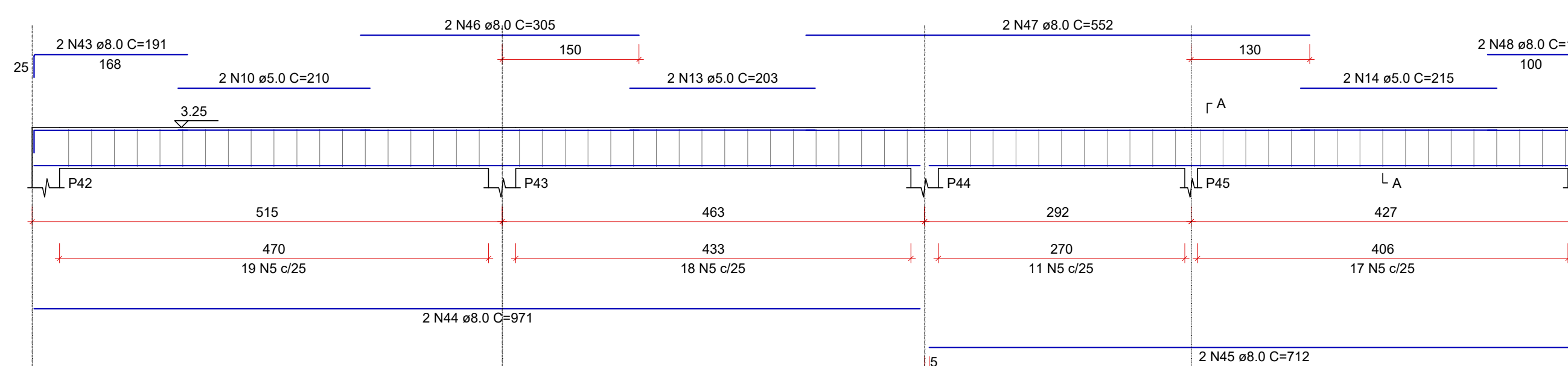
V211
Escala 1:50



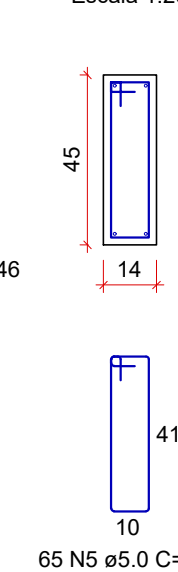
SEÇÃO A-A
Escala 1:20



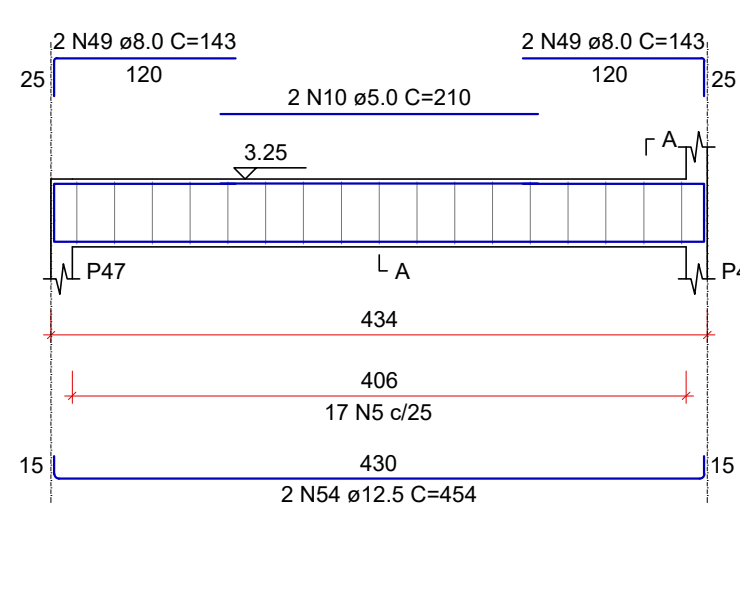
V212
Escala 1:50



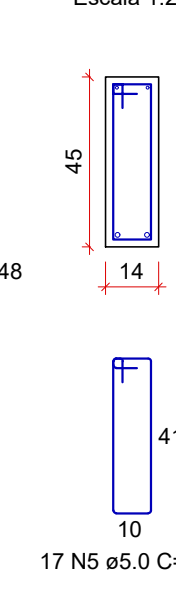
SEÇÃO A-A
Escala 1:20



V213
Escala 1:50



SEÇÃO A-A
Escala 1:20



RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	271	123	33333
	2	5.0	257	514	1312
	3	5.0	16	82	968
	4	5.0	219	113	24717
	5	5.0	2	430	860
	6	5.0	2	355	710
	7	5.0	2	294	588
	8	5.0	76	103	7828
	9	5.0	6	120	720
	10	5.0	2	170	340
	11	5.0	2	190	380
	12	5.0	2	205	406
	13	5.0	2	215	430
	14	5.0	2	215	430
	15	8.0	602	1204	7224
	16	8.0	2	301	602
	17	8.0	2	1056	2112
	18	8.0	2	301	602
	19	8.0	4	336	1344
	20	8.0	2	1198	2396
CA50	21	8.0	2	267	534
	22	8.0	2	976	1952
	23	8.0	2	1186	2372
	24	8.0	2	188	376
	25	8.0	2	233	466
	26	8.0	2	840	1680
	27	8.0	2	408	816
	28	8.0	2	123	246
	29	8.0	4	135	540
	30	8.0	2	948	1896
	31	8.0	2	564	1128
	32	8.0	2	186	372
	33	8.0	2	923	1846
	34	8.0	2	969	1938
	35	8.0	2	960	1920
	36	8.0	2	640	1280
	37	8.0	2	1200	2400
	38	8.0	2	275	550
	39	8.0	2	790	1580
	40	8.0	2	508	1016
	41	8.0	2	513	1026
	42	8.0	2	330	660
	43	8.0	4	191	764
	44	8.0	2	971	1942
	45	8.0	2	712	1424
	46	8.0	2	305	610
	47	8.0	2	552	1104
	48	8.0	2	123	246
	49	8.0	4	143	572
	50	10.0	2	537	1074
	51	10.0	16	118	1888
	52	10.0	2	555	1110
	53	12.5	2	488	972
	54	12.5	4	454	1816
	55	16.0	2	1155	2310
	56	16.0	2	1167	2334
	57	16.0	2	722	1444
	58	16.0	1	263	263
	59	16.0	1	324	324
	60	16.0	2	1055	2110

RESUMO DO AÇO				
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	8.0	412.6	38	179.1
CA50	10.0	40.7	4	27.6
CA50	12.5	27.9	3	29.5
CA50	16.0	87.9	9	152.5
CA50	5.0	730.2	67	123.8
PESO TOTAL (kg)				
CA50		388.8		
CA60		123.8		

Volume de concreto (C-30) = 8.84 m³
Área de forma = 158.29 m²

REV. 00	14/05/24	EMISSÃO INICIAL	DAC
REVISÃO	DATA	DESCRIÇÃO	RESP.:
PROJETO		GERÊNCIA DE PROJETOS ALOSIO CAETANO FERREIRA	
		RESPONSÁVEL TÉCNICO	
EMPREENDIMENTO		DISCIPLINA	
CONSTRUÇÃO DO TERMINAL RODOVIÁRIO DE SANTA RITA DO SAPUCAÍ		ESTRUTURAL	
ENDEREÇO RUA PROJETADE, SIN - BAIRRO FAMÍLIA ANDRADE SANTA RITA DO SAPUCAÍ - MINAS GERAIS		FASE DO PROJETO EXECUTIVO	
ASSUNTO PROJETO ESTRUTURAL EM CONCRETO ARMADO DETALHAMENTO DAS VIGAS		FOLHA Nº 11/16	
DATA INICIAL 14/05/2024	ESCALA INDICADA	REVISÃO R00	ARQUIVO DAC-PMSRS-TRO-EST-PE-R00.DWG