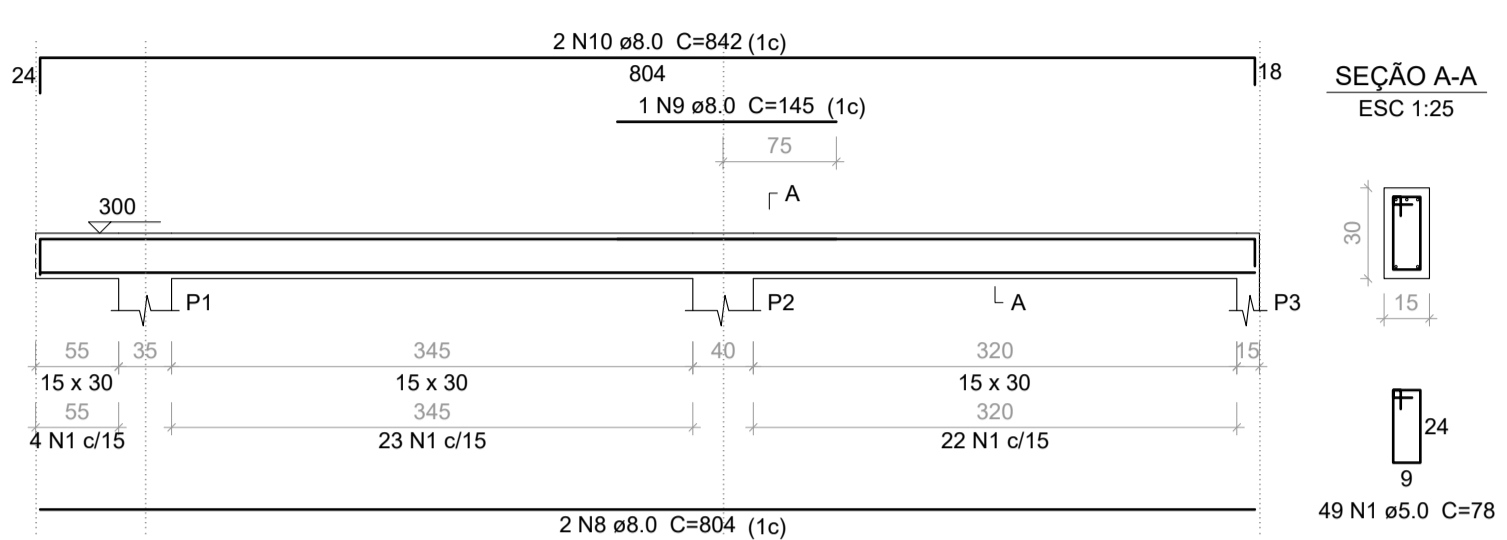
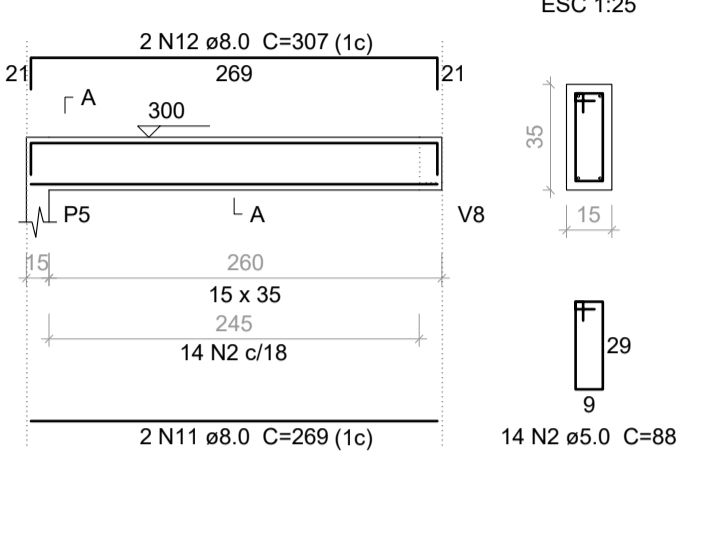


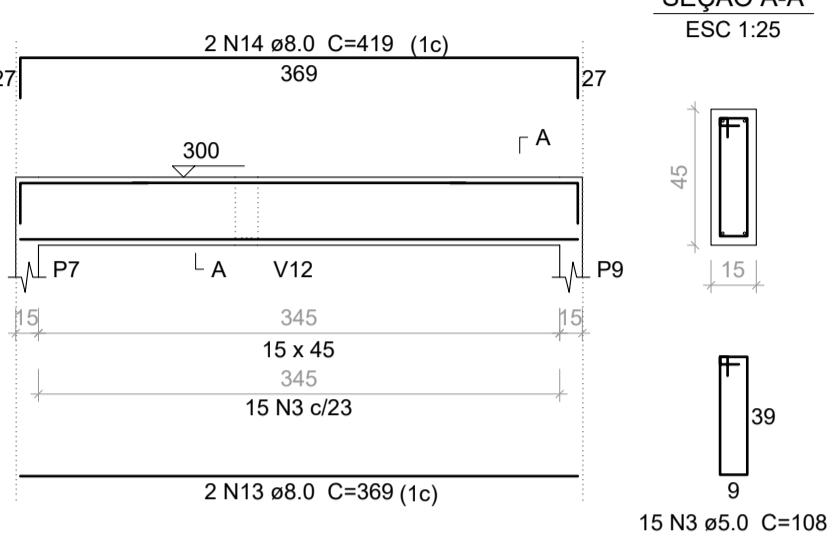
V1  
ESC 1:50



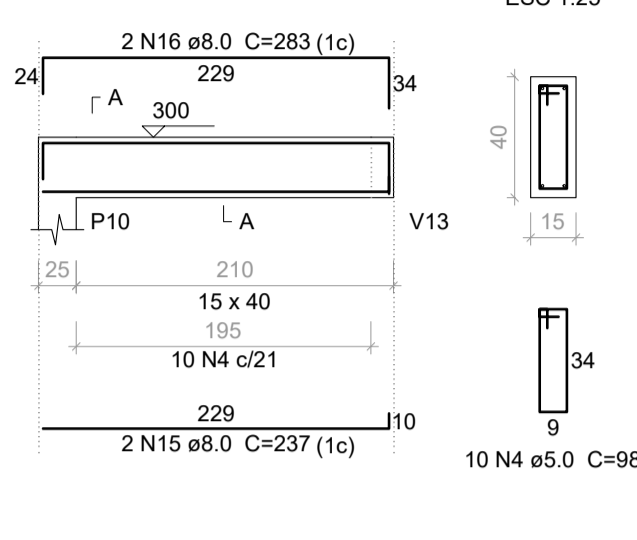
V2  
ESC 1:50



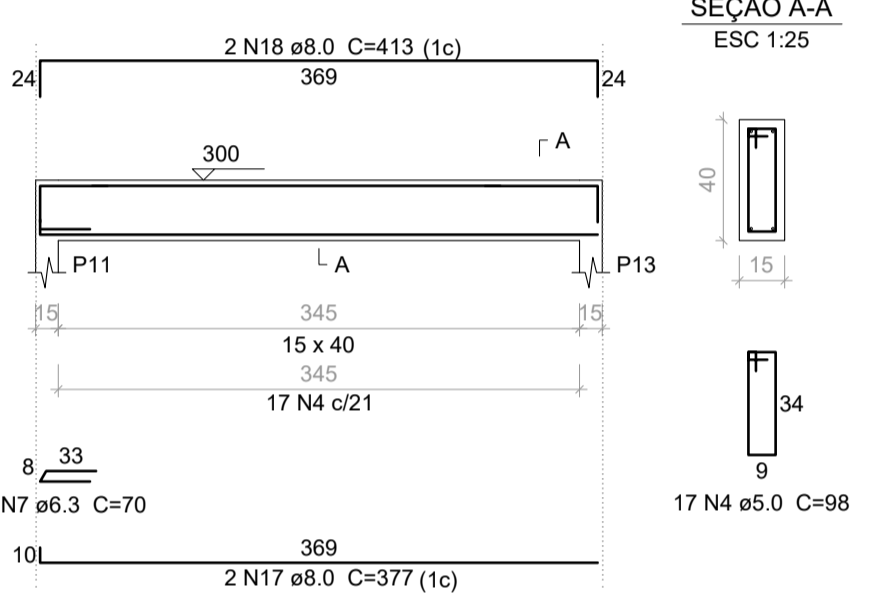
V3  
ESC 1:50



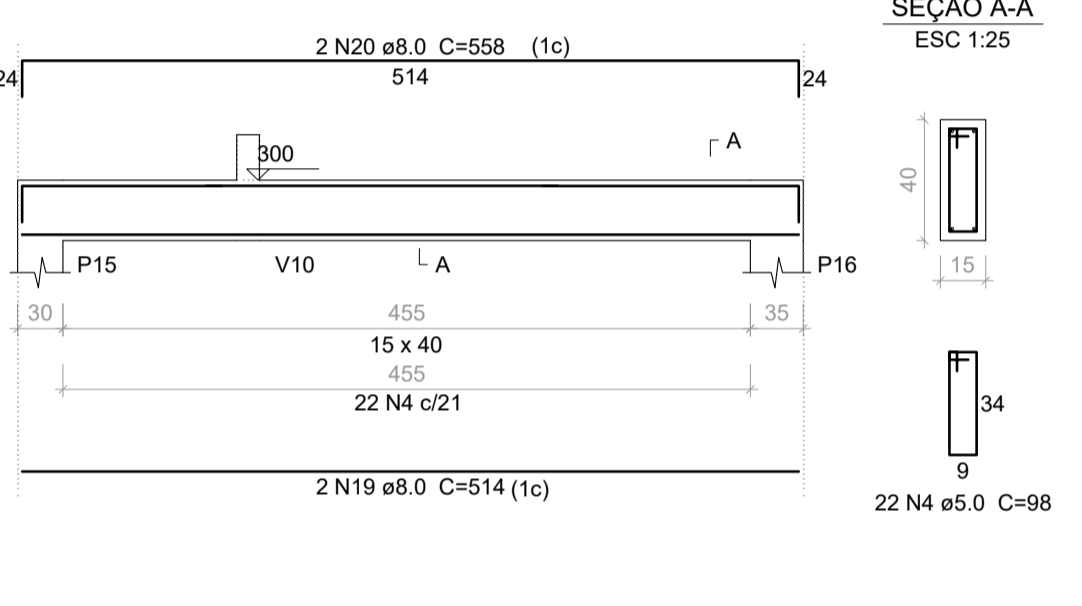
V4  
ESC 1:50



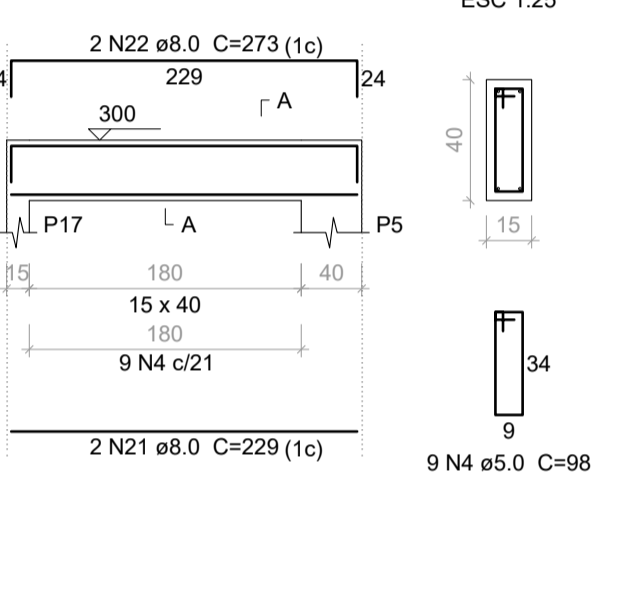
V5  
ESC 1:50



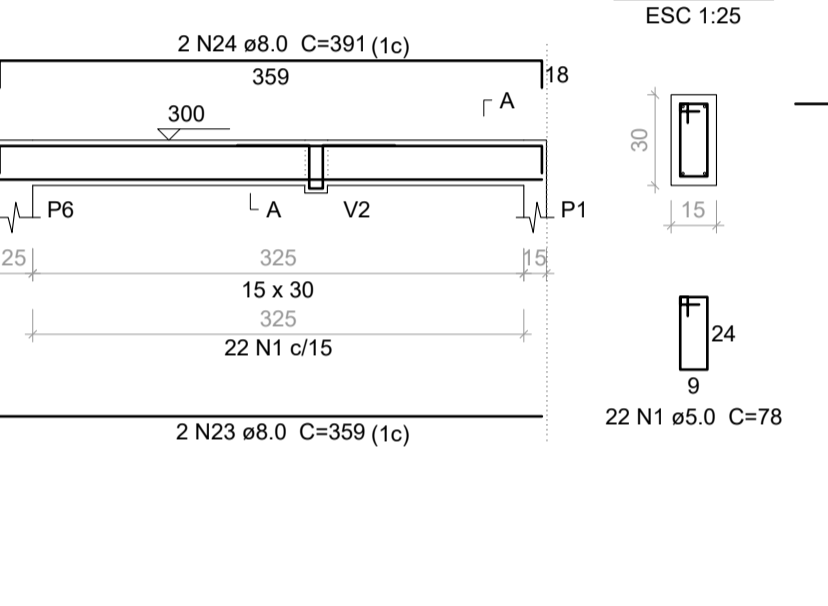
V6  
ESC 1:50



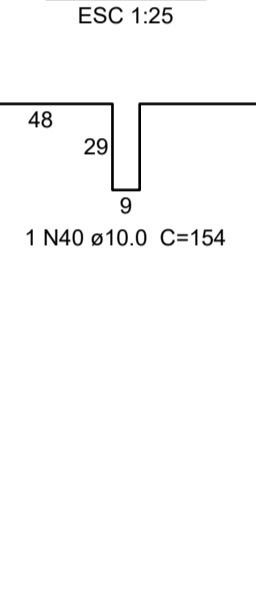
V7  
ESC 1:50



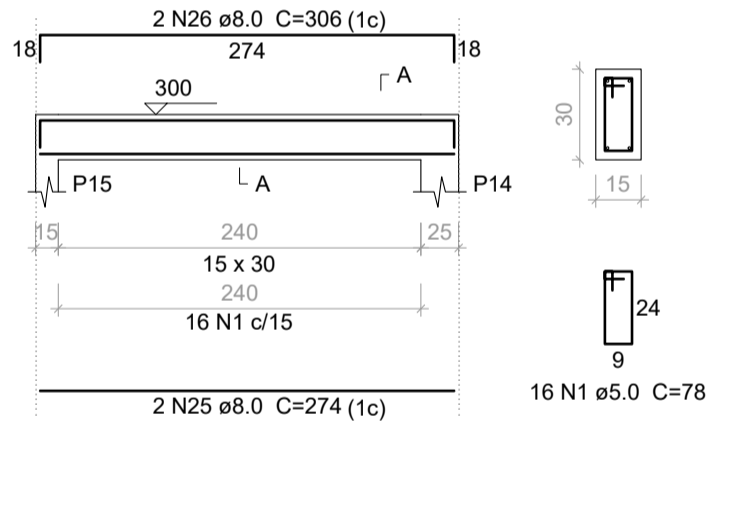
V8  
ESC 1:50



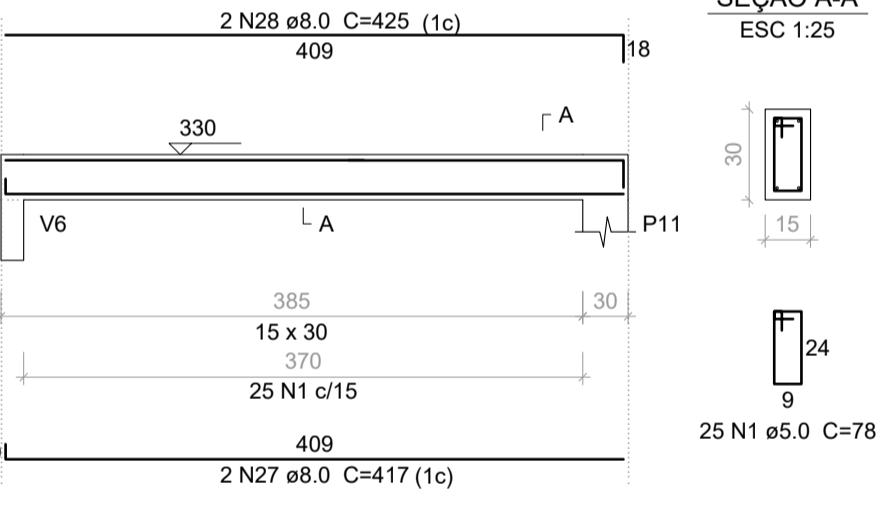
SUSPENSÃO V2  
ESC 1:25



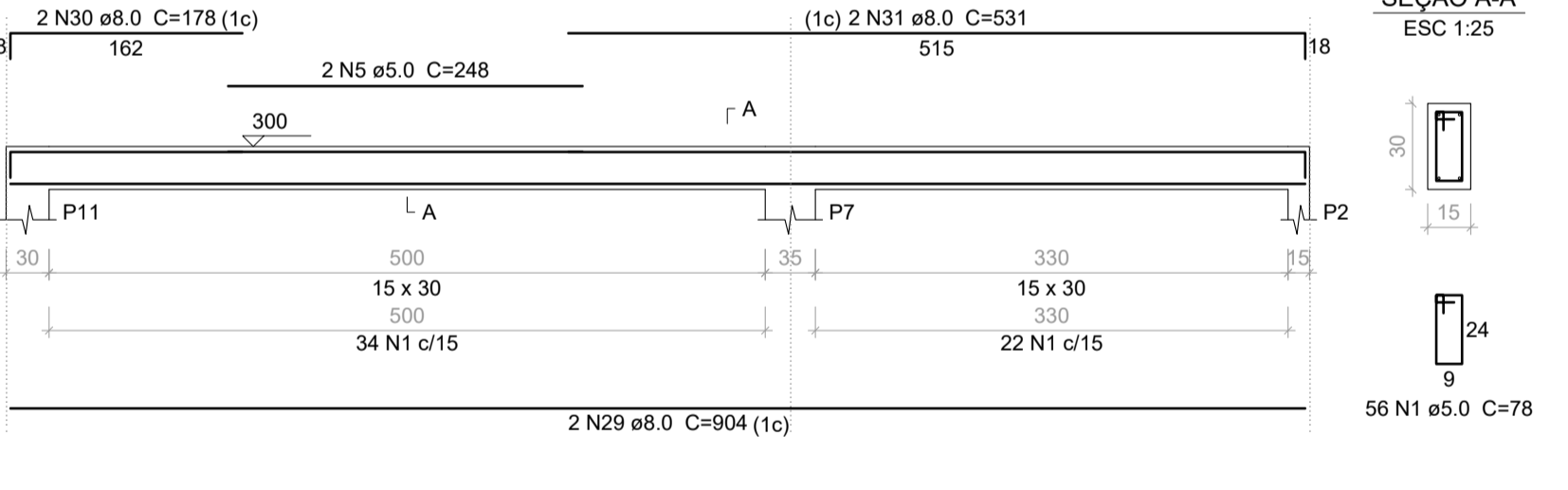
V9  
ESC 1:50



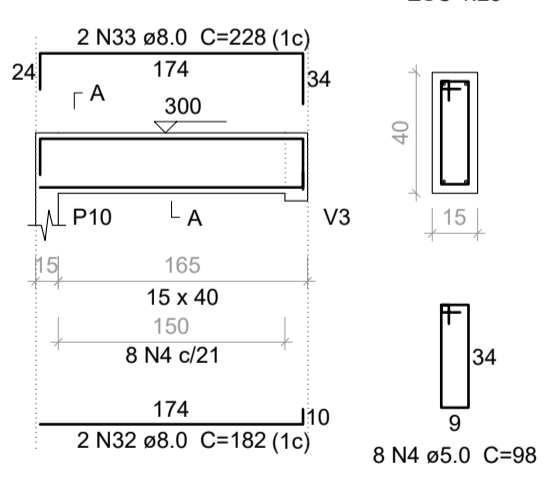
V10  
ESC 1:50



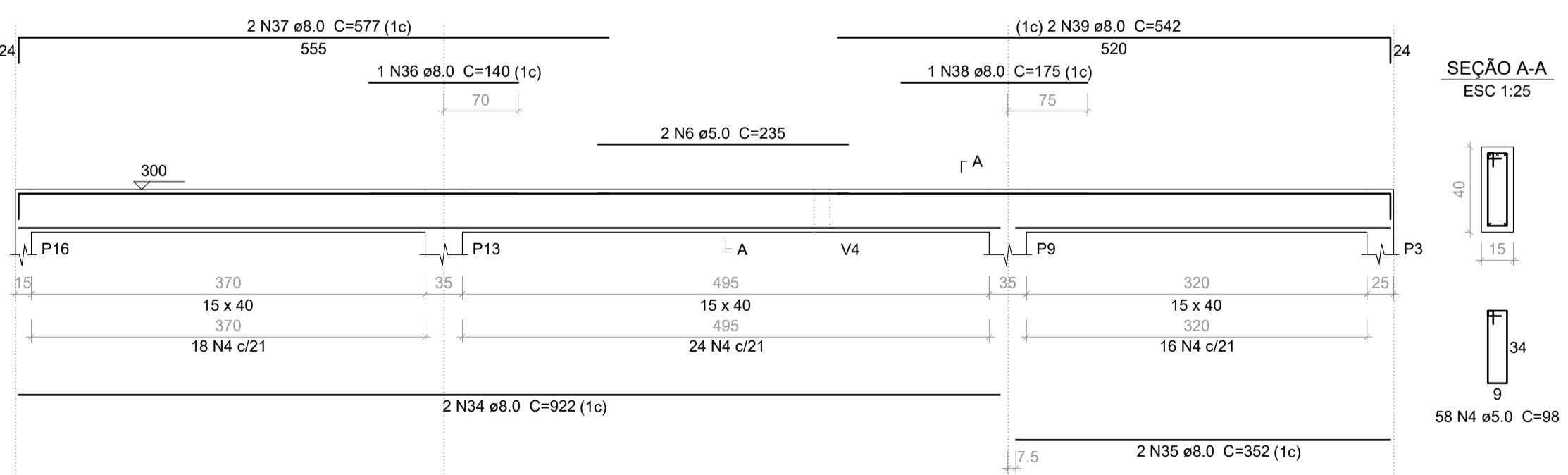
V11  
ESC 1:50



V12  
ESC 1:50



V13  
ESC 1:50



Relação do aço das vigas de cobertura

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	168	78	13104
	2	5.0	14	88	1232
	3	5.0	15	108	1620
	4	5.0	124	98	12152
	5	5.0	2	248	496
	6	5.0	2	235	470
	7	6.3	1	70	70
	8	8.0	2	804	1608
	9	8.0	1	145	145
	10	8.0	2	842	1684
	11	8.0	2	269	538
	12	8.0	2	307	614
	13	8.0	2	369	738
	14	8.0	2	419	838
	15	8.0	2	237	474
	16	8.0	2	283	566
	17	8.0	2	377	754
	18	8.0	2	413	826
	19	8.0	2	514	1028
	20	8.0	2	558	1116
	21	8.0	2	229	458
	22	8.0	2	273	546
	23	8.0	2	359	718
	24	8.0	2	391	782
	25	8.0	2	274	548
	26	8.0	2	306	612
	27	8.0	2	417	834
	28	8.0	2	425	850
	29	8.0	2	904	1808
	30	8.0	2	178	356
	31	8.0	2	531	1062
	32	8.0	2	182	364
	33	8.0	2	228	456
	34	8.0	2	922	1844
	35	8.0	2	352	704
	36	8.0	1	140	140
	37	8.0	2	577	1154
	38	8.0	1	175	175
	39	8.0	2	542	1084
	40	10.0	1	154	154

Resumo do aço

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	0.7	0.2
	8.0	254.3	110.4
	10.0	1.6	1
CA60	5.0	290.8	49.3
PESO TOTAL (kg)			
CA50	111.6		
CA60	49.3		
Volume de concreto (C-30) = 3.35 m³			
Área de forma = 54.11 m²			

PROJETO ESTRUTURAL



Obra:	AMPLIAÇÃO - Secretaria de Assistência Social Rua Elias Carneiro da Silva, nº 950 - Bom Jesus/SC	Data:	11/2021
Resp. Técnico:	Tânia Mara Baldissera - Engenheira Civil - CREA/SC 133907-5	Escala:	Indicada
Município:	Bom Jesus - CNPJ 01.551.148/0001-87	Área:	80,00 m²
Especificação:	Vigas da cobertura Relação de aço	Desenho:	Amanda
		Prancha:	ES-05