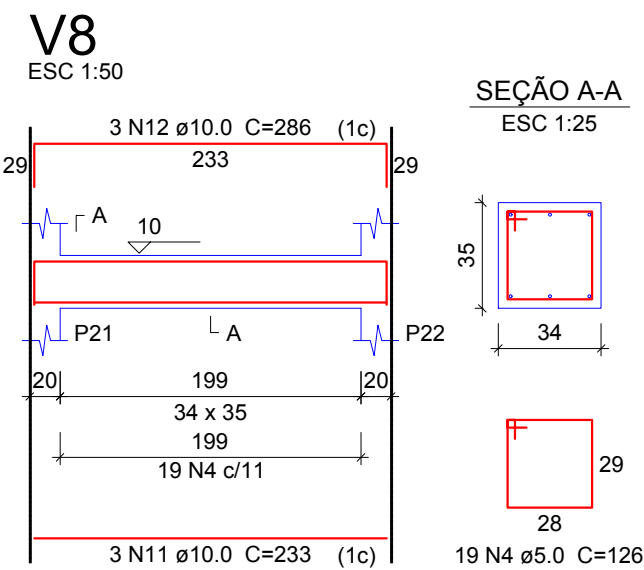
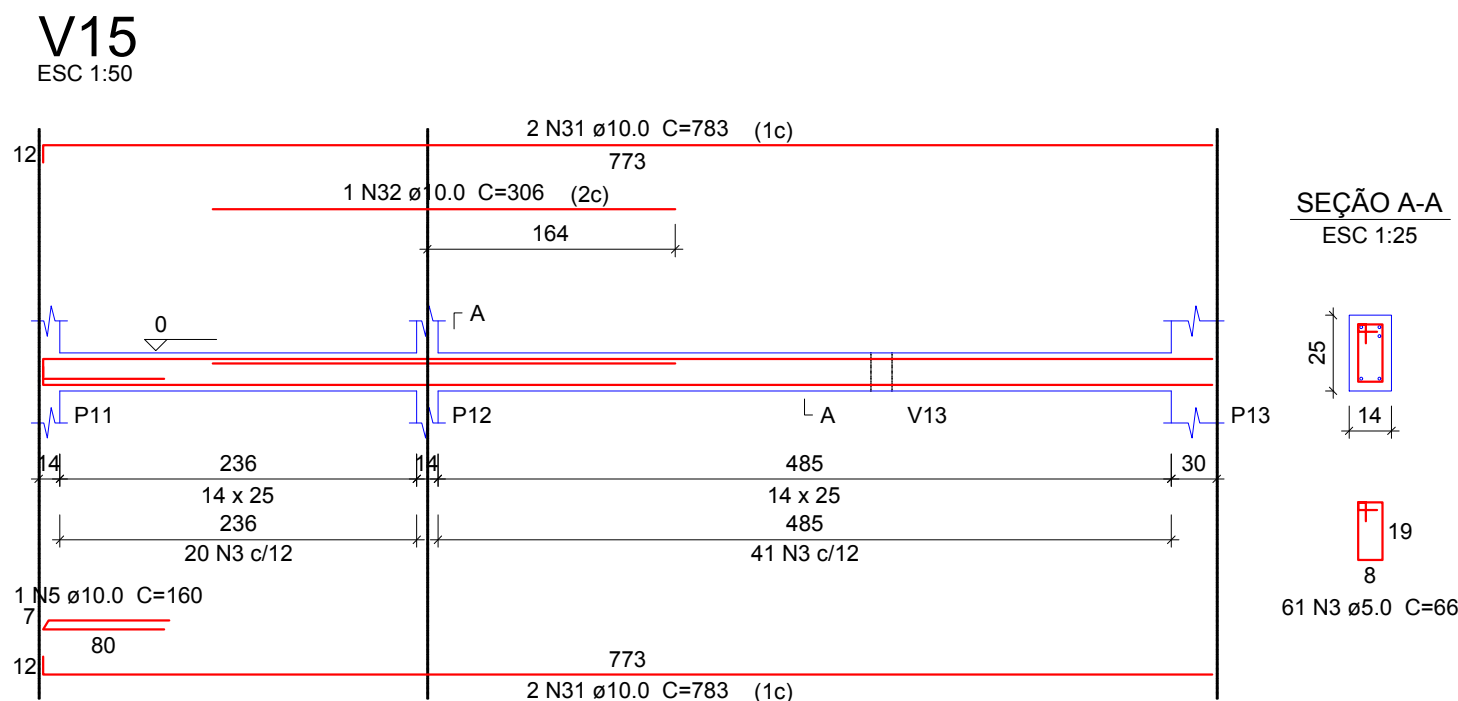
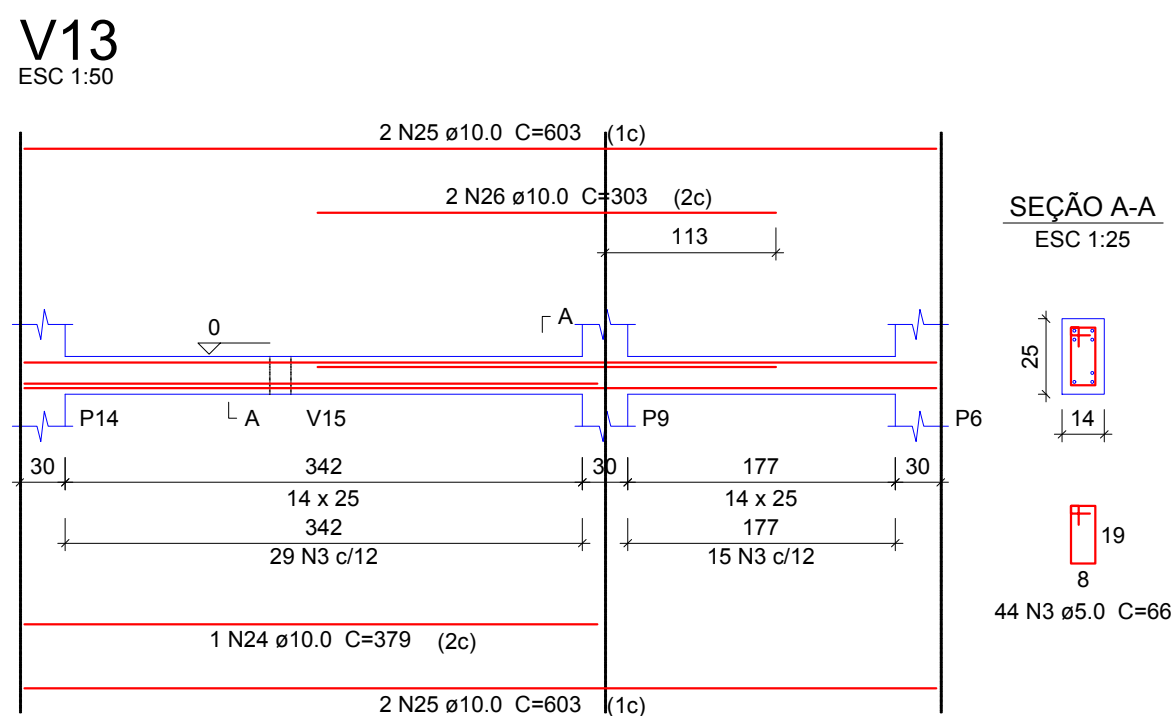
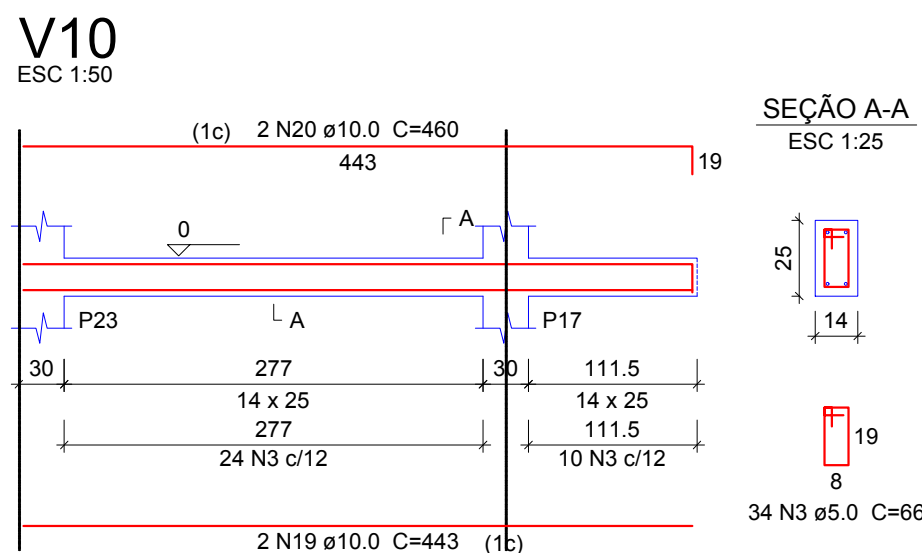
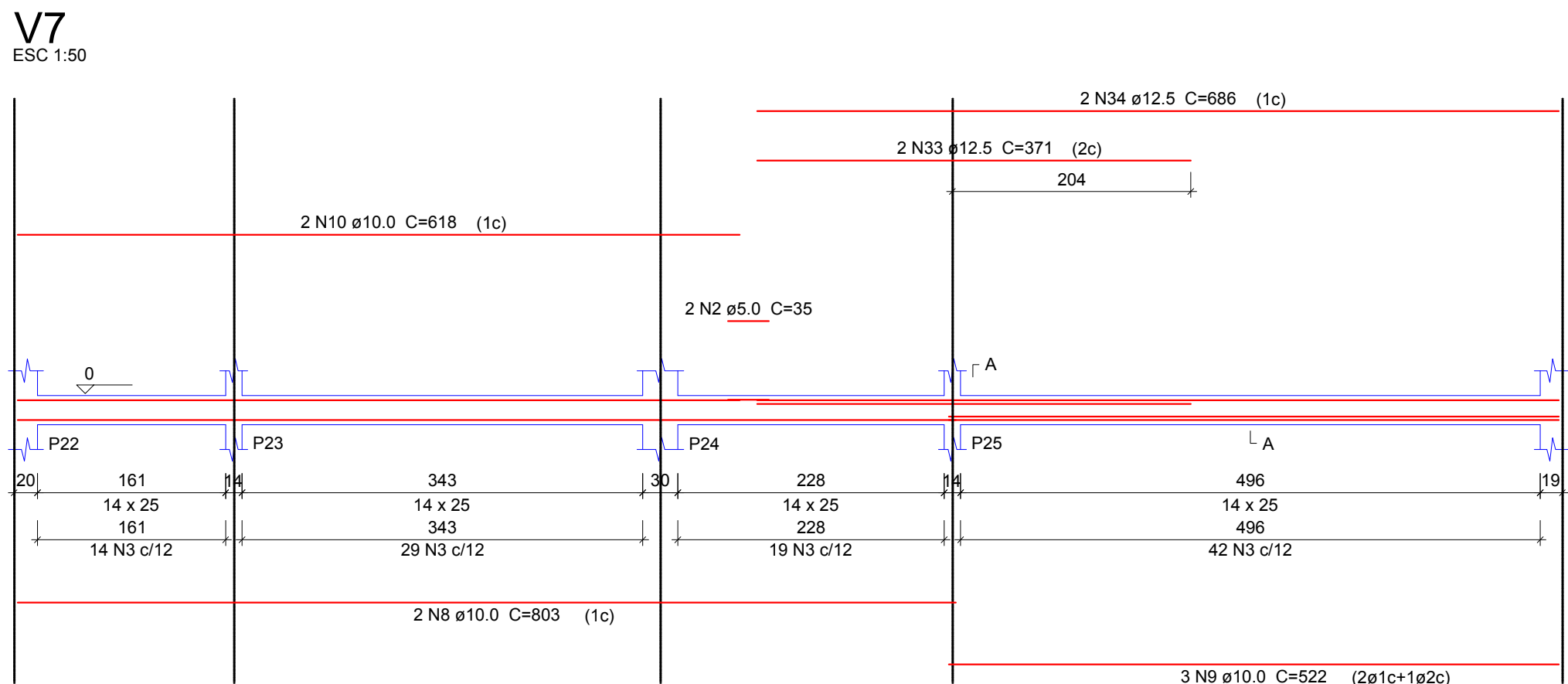
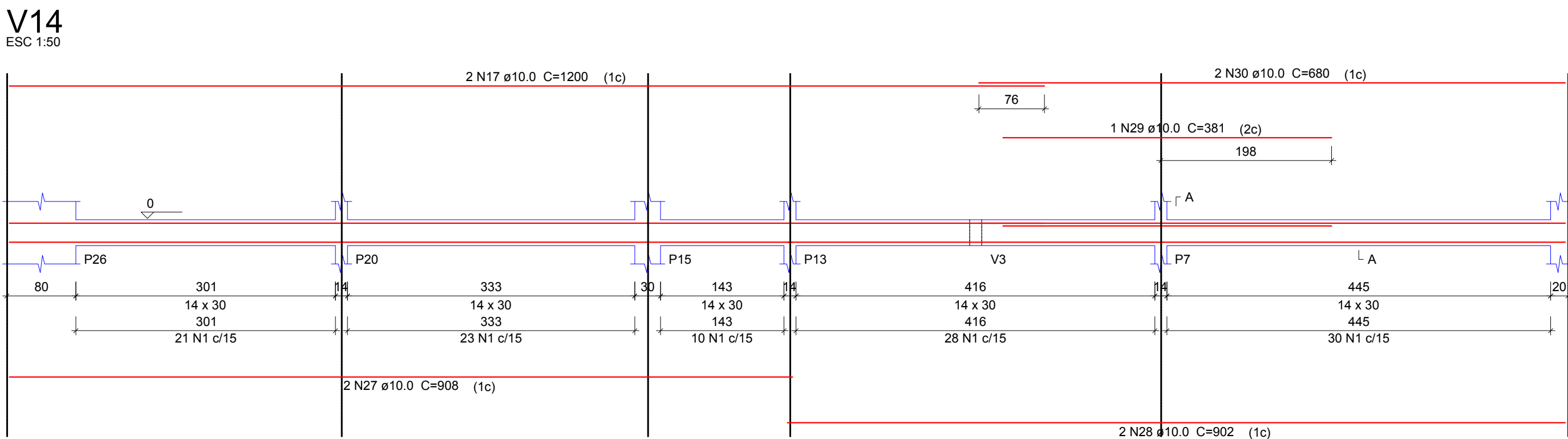
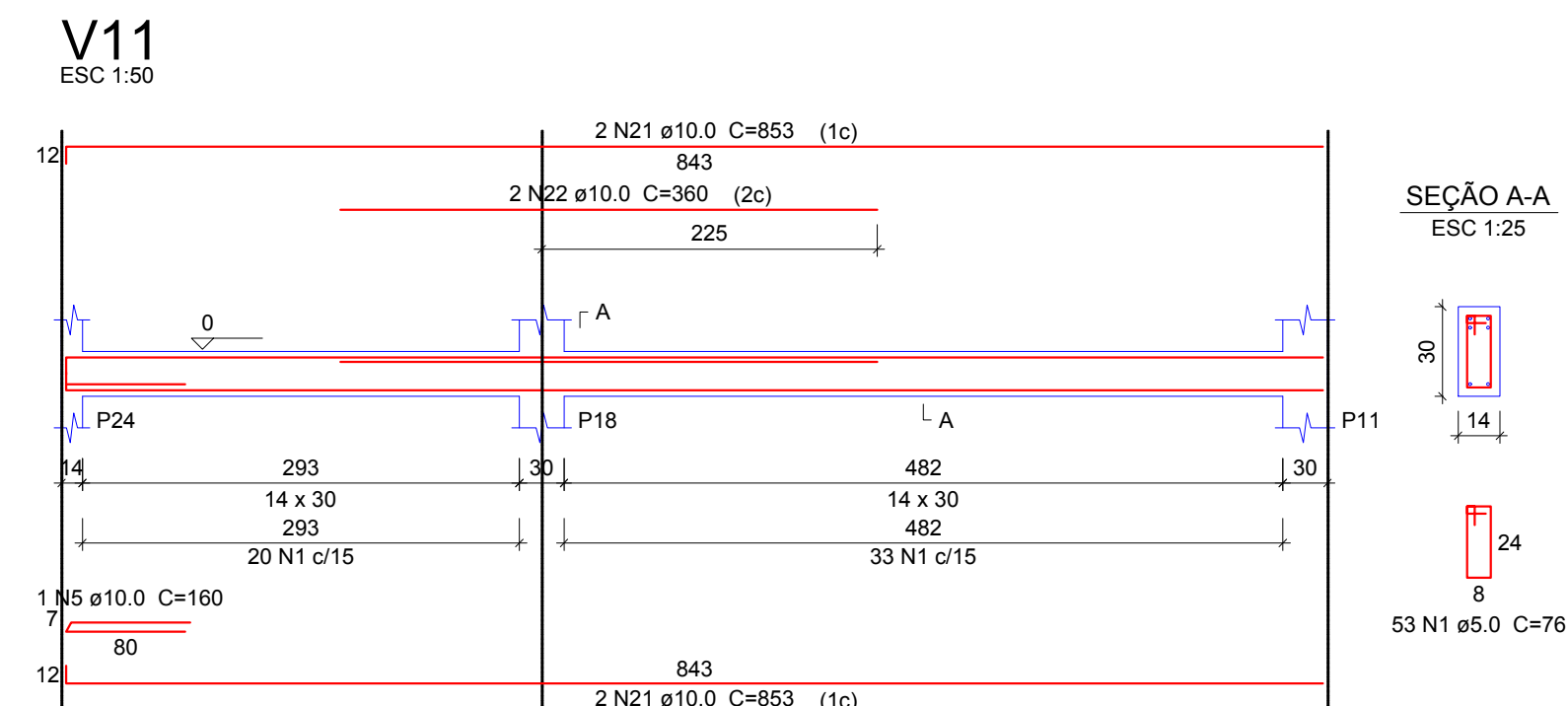
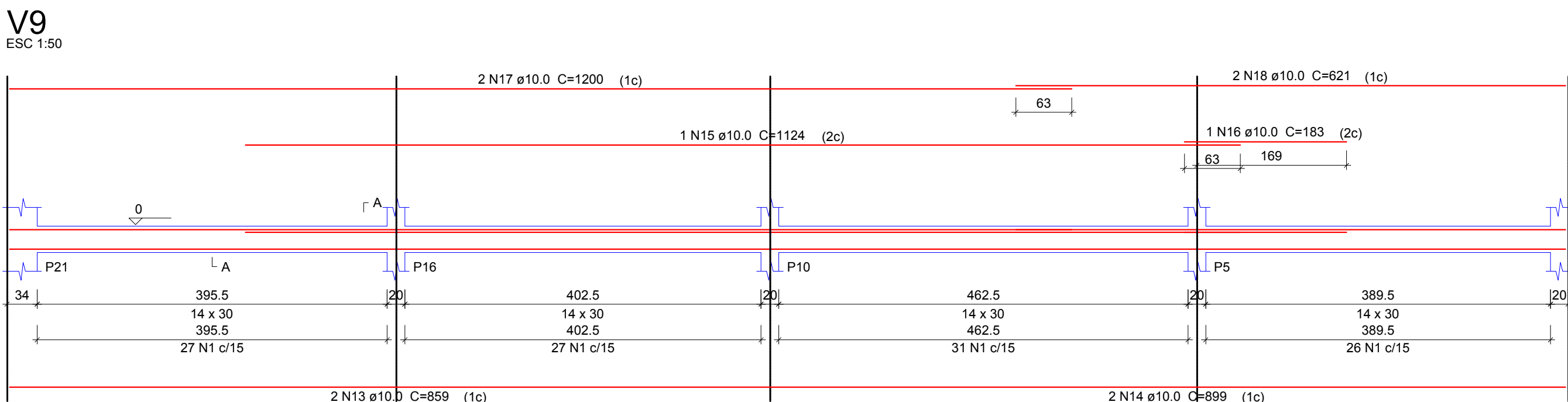
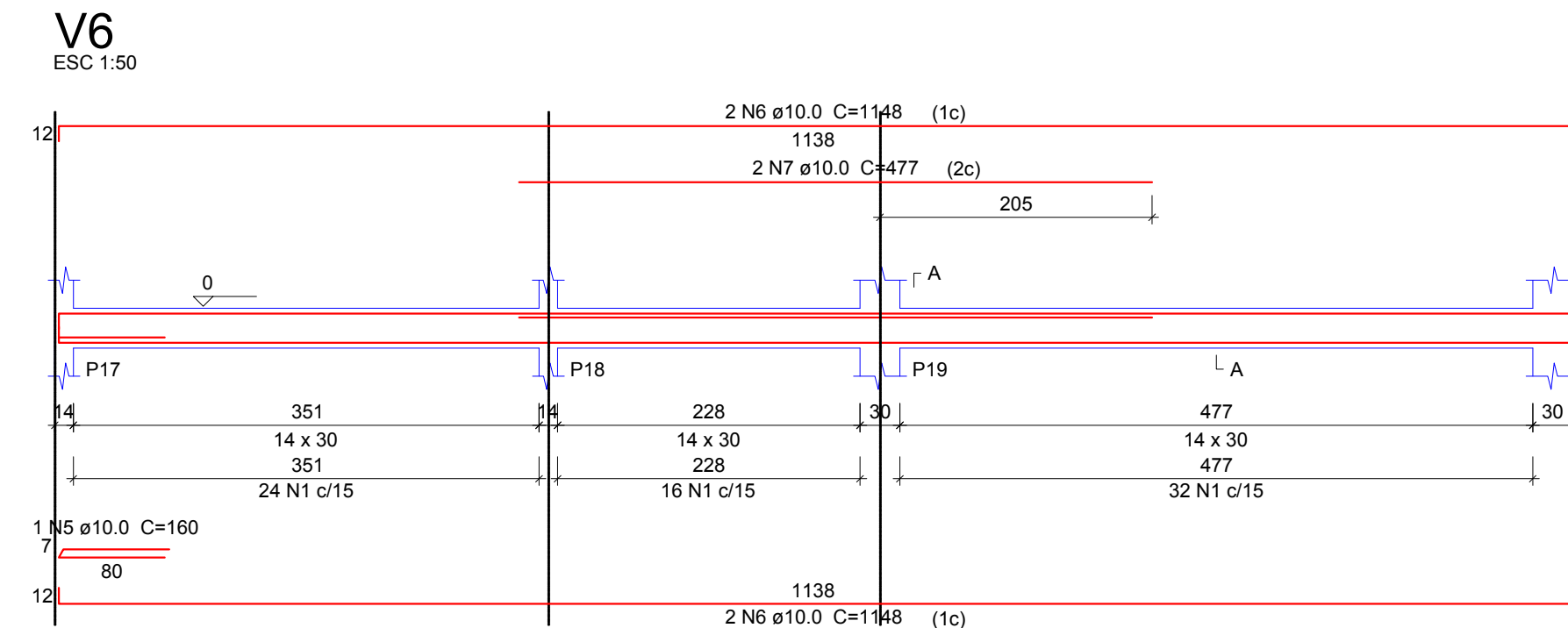




Relação do aço					
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	348	76	26448
	2	5.0	2	35	70
	3	5.0	324	66	21384
	4	5.0	19	126	2394
CA50	5	10.0	3	160	480
	6	10.0	4	1148	4592
	7	10.0	2	477	954
	8	10.0	2	803	1606
	9	10.0	3	522	1566
	10	10.0	2	618	1236
	11	10.0	3	233	699
	12	10.0	3	286	858
	13	10.0	2	859	1718
	14	10.0	2	899	1798
	15	10.0	1	1124	1124
	16	10.0	1	183	183
	17	10.0	4	1200	4800
	18	10.0	2	621	1242
	19	10.0	2	443	886
	20	10.0	2	460	920
	21	10.0	4	853	3412
	22	10.0	2	360	720
	23	10.0	2	1058	2116
	24	10.0	1	379	379
	25	10.0	4	603	2412
	26	10.0	2	303	606
PESO TOTAL	27	10.0	2	908	1816
	28	10.0	2	902	1804
	29	10.0	1	381	381
	30	10.0	2	680	1360
	31	10.0	4	783	3132
	32	10.0	1	306	306
	33	12.5	2	371	742
	34	12.5	2	686	1372
	35	12.5	2	1058	2116

Resumo do aço			
AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	431.1	265.8
CA60	5.0	503	77.5
PESO TOTAL			
CA50	306.5		
CA60	77.5		

Vol. de concreto total (C-25) = 4.1 m³
Área de forma total = 70.72 m²

MINISTÉRIO DA DEFESA		ANO	TIPO	FOLHA	MODIFICAÇÕES		
P C N		2020	EST	5/8	A	FEVEREIRO/2020	
					B	JULHO/2020	
					C		
PROGRAMA CALHA NORTE		LOCAL	RUA CERES, JARDIM SANTA ROSA III		C		
CONVENIENTE MUNICÍPIO DE SÃO JOSÉ DOS QUATRO MARCOS							
OBRA							
CONSTRUÇÃO DA BIBLIOTECA MUNICIPAL			ÁREAS		D		
			Construída - 288,2 m²		E		
			Coberta - 288,2 m²		F		
			Útil - 269,60 m²				
AUTOR ROBSON DARCIO		PRANCHAS Projeto Estrutural	DATA 16/07/2020		G		
PREFEITO				DIM CENTÍMETRO	H		
AUTOR				ESC Como Indicado	I		