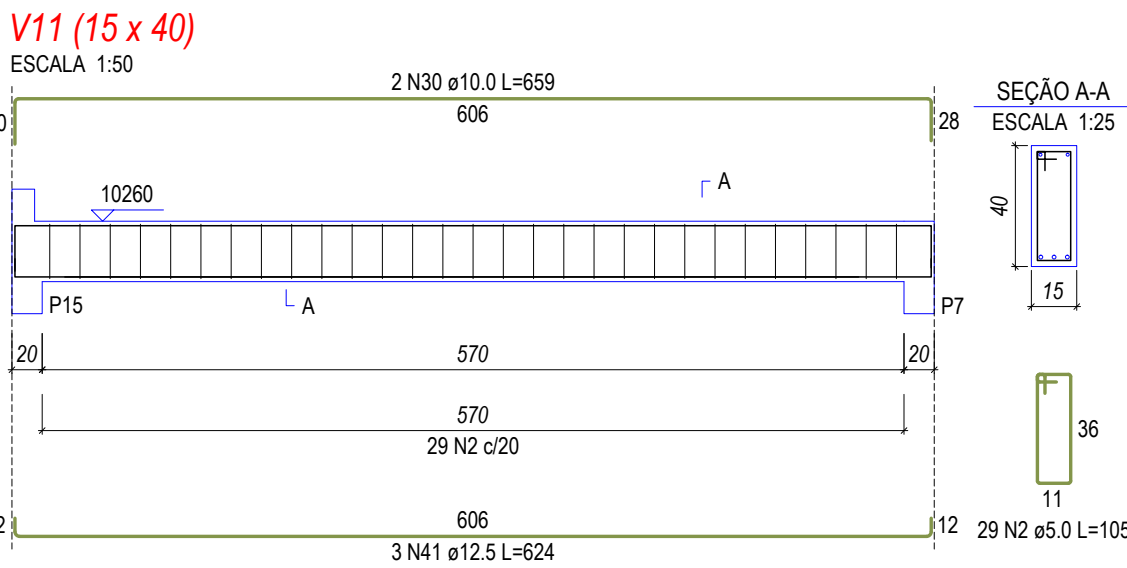
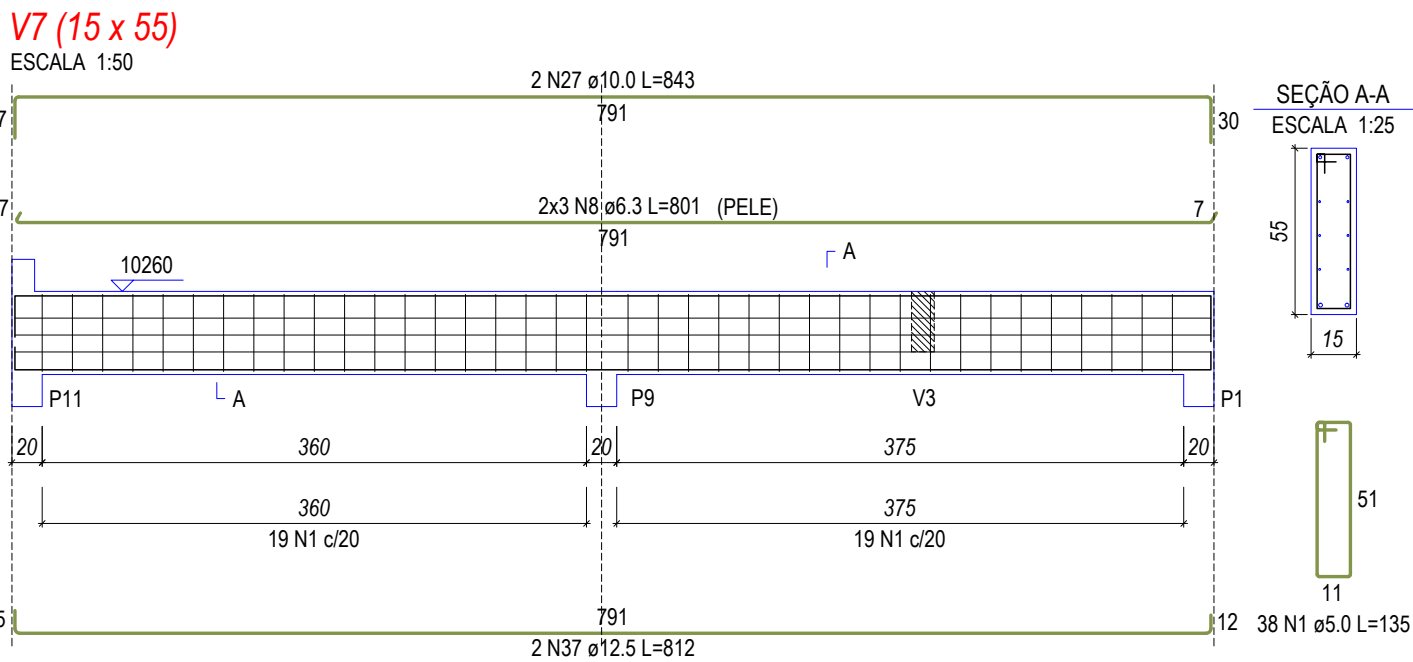
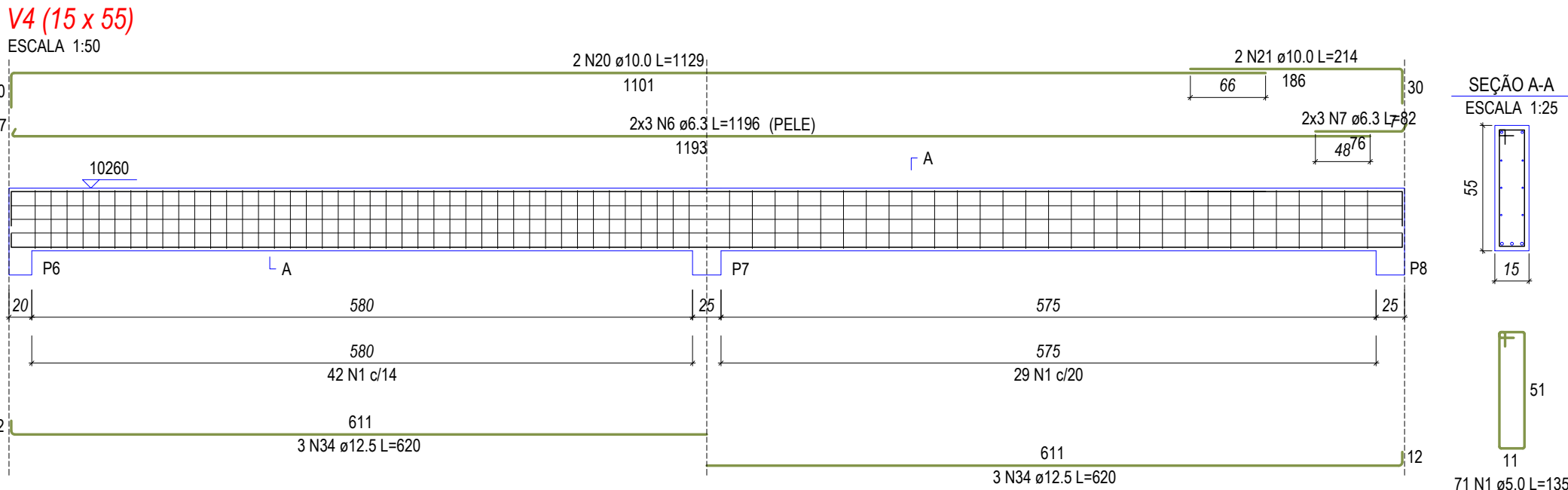
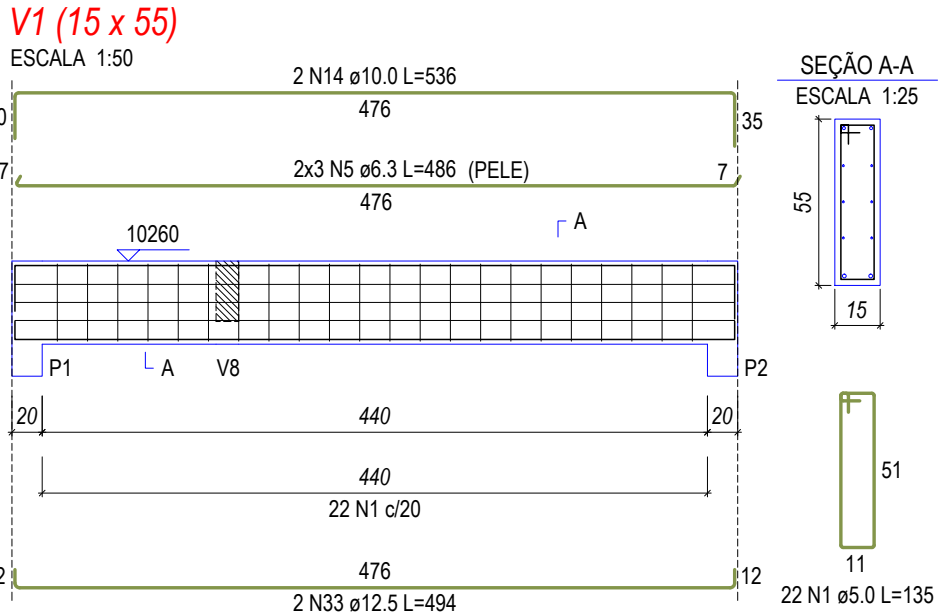
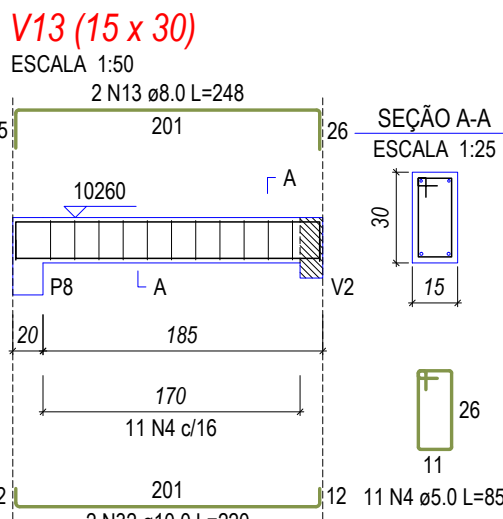
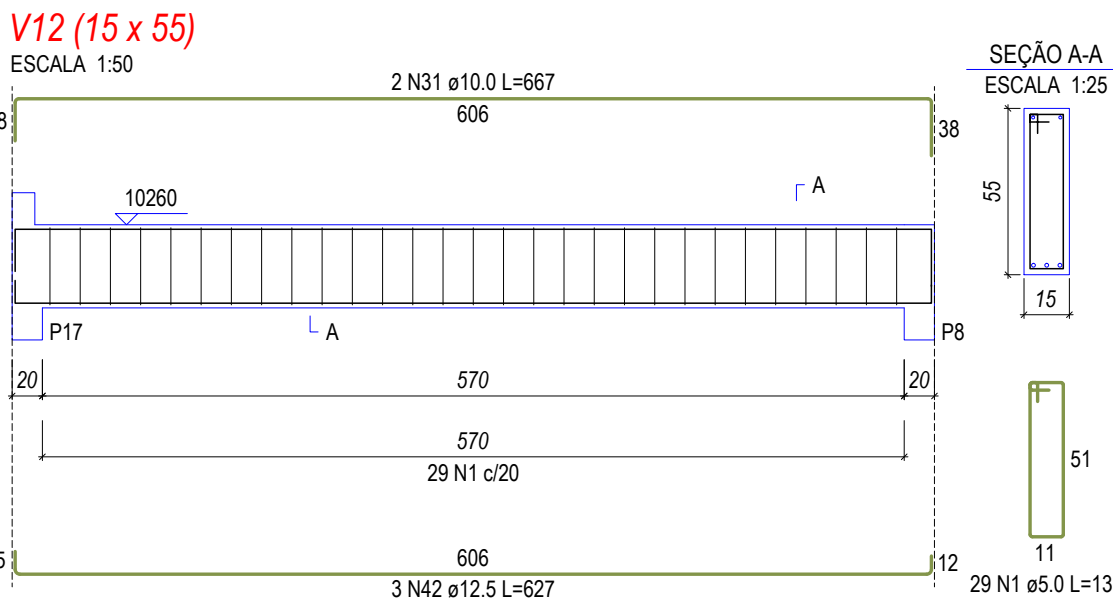
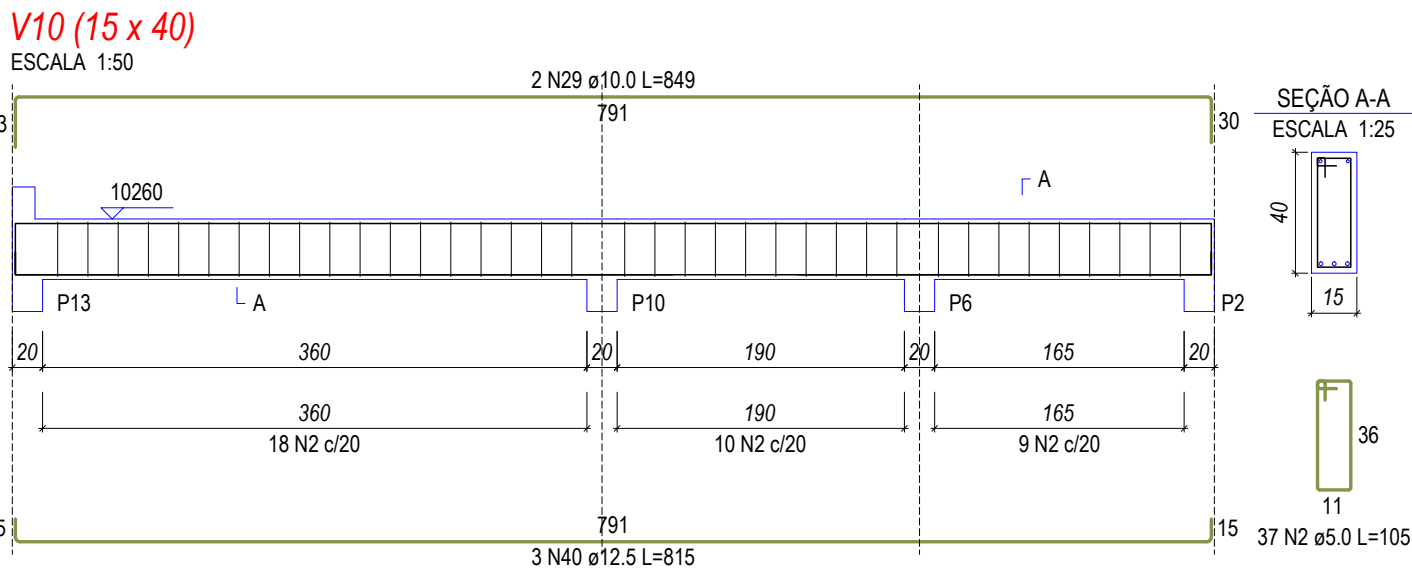
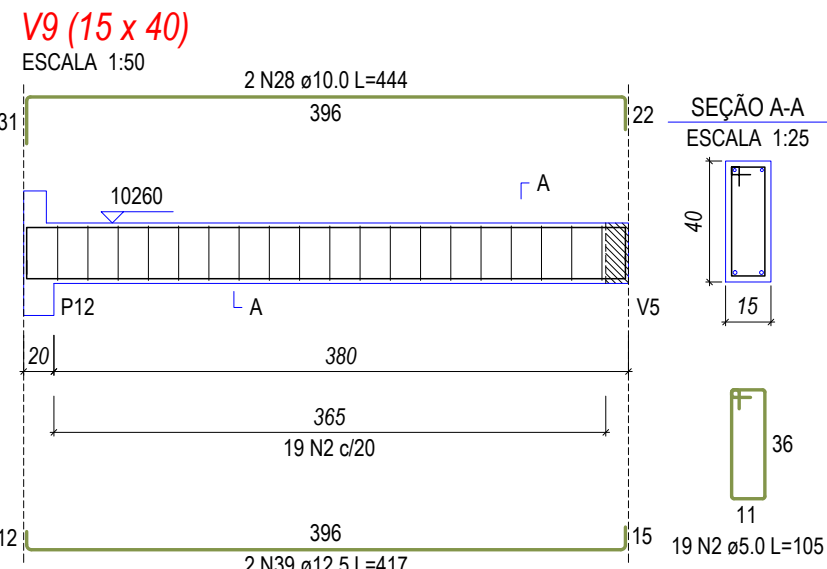
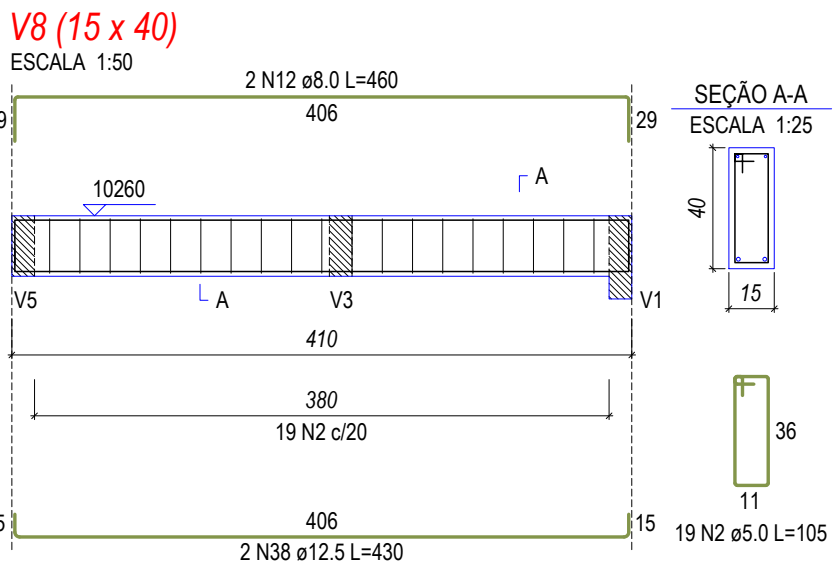
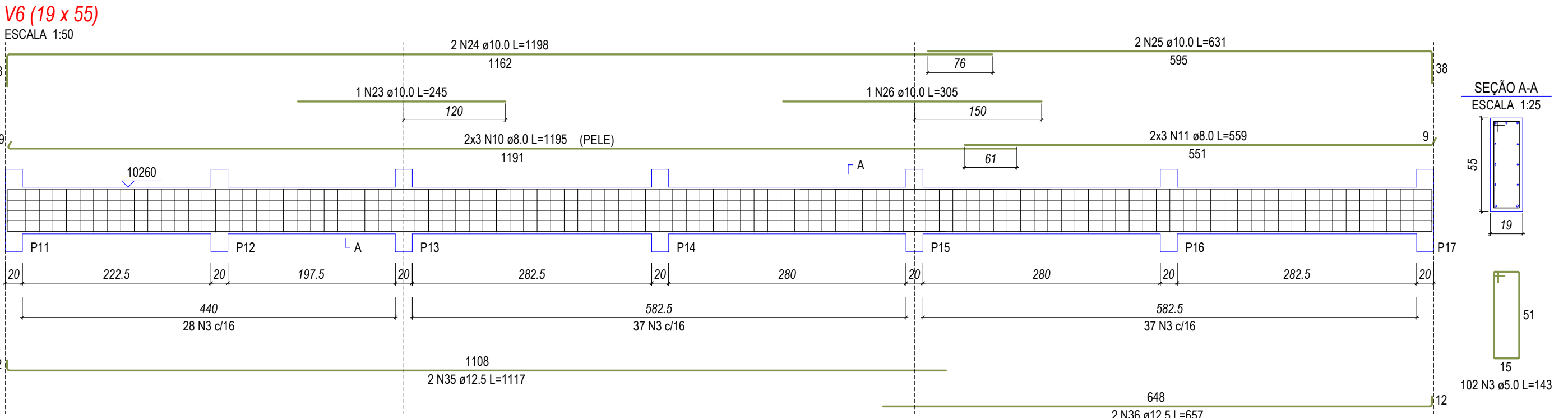
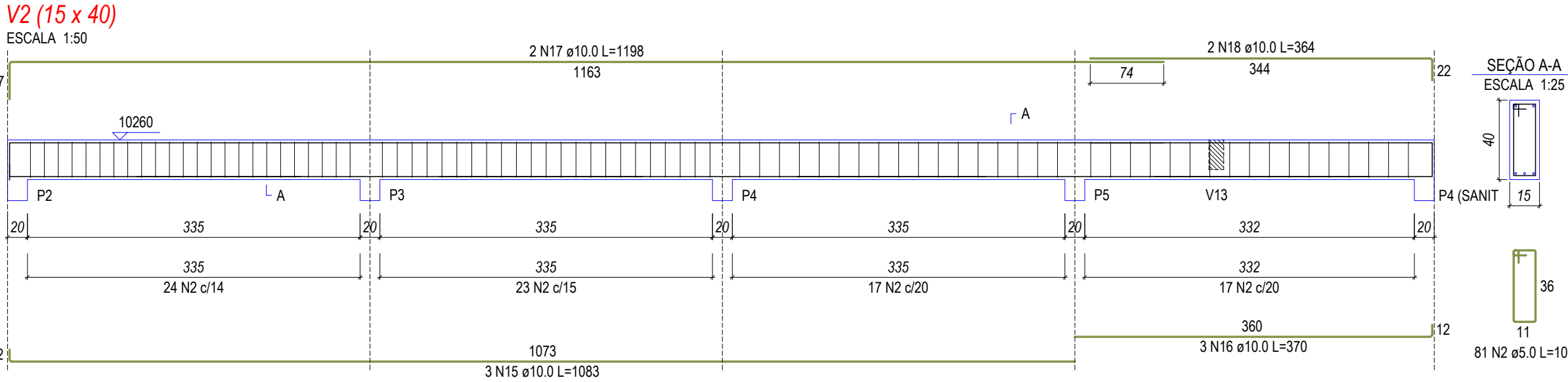
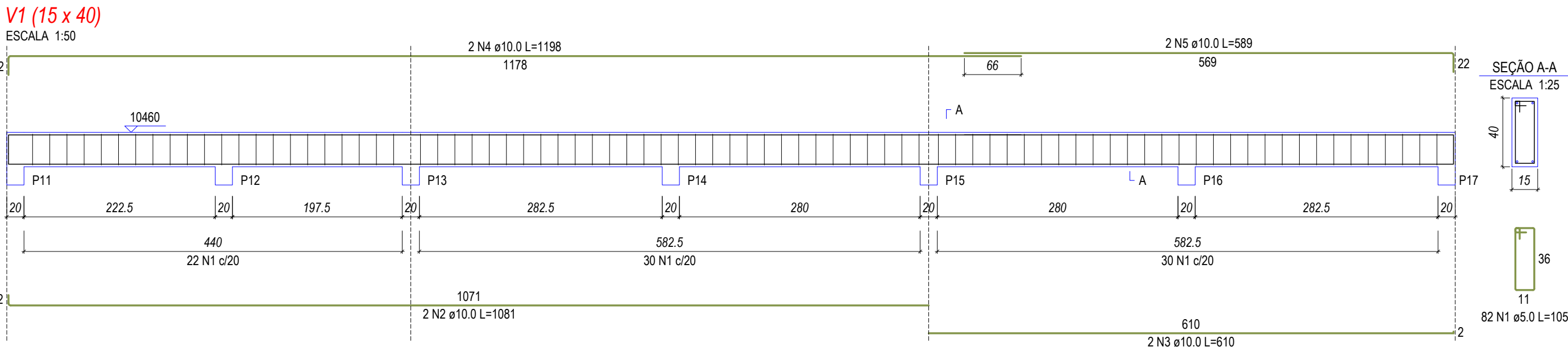


COBERTURA - DETALHAMENTO DAS VIGAS



PLATIBANDA - DETALHAMENTO DA VIGA



RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	PESO + 0% (kg)
CA50	6.3	153.9	13	37.7
	8.0	123.5	11	48.7
	10.0	242.4	21	149.4
	12.5	187.6	16	180.7
CA60	5.0	594.9	50	91.7
PESO TOTAL (kg)		Volume de concreto (C-25) = 6.47 m³		
CA50	416.5	Área de forma = 102.83 m²		
CA60	91.7			

RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	82	105	8610
CA50	2	10.0	2	1081	2162
	3	10.0	2	610	1220
	4	10.0	2	1198	2396
	5	10.0	2	589	1178

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	PESO + 0% (kg)
CA50	10.0	69.6	6	42.9
CA60	5.0	86.1	8	13.3
PESO TOTAL (kg)		Volume de concreto (C-25) = 0.93 m³		
CA50	42.9	Área de forma = 16.01 m²		
CA60	13.3			

RELAÇÃO DO AÇO

V6 V11	V2 V7 V12	V3 V8 V13	V4 V9	V5 V10	
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	160	135	21600
	2	5.0	213	105	22365
CA50	3	5.0	102	143	14586
	4	5.0	11	85	935
	5	6.3	6	486	2916
	6	6.3	6	1196	7176
	7	6.3	6	82	492
	8	6.3	6	801	4806
	9	8.0	2	205	410
	10	8.0	6	1195	7170
	11	8.0	6	559	3354
	12	8.0	2	460	920
	13	8.0	2	248	496
	14	10.0	2	536	1072
	15	10.0	3	1083	3249
	16	10.0	3	370	1110
	17	10.0	2	1198	2396
	18	10.0	2	364	728
	19	10.0	2	165	330
	20	10.0	2	1129	2258
21	10.0	2	214	428	
22	10.0	2	547	1094	
23	10.0	1	245	245	
24	10.0	2	1198	2396	
25	10.0	2	631	1262	
26	10.0	1	305	305	
27	10.0	2	843	1686	
28	10.0	2	444	888	
29	10.0	2	849	1698	
30	10.0	2	659	1318	
31	10.0	2	667	1334	
32	10.0	2	220	440	
33	12.5	4	494	1976	
34	12.5	6	620	3720	
35	12.5	2	1117	2234	
36	12.5	2	657	1314	
37	12.5	2	812	1624	
38	12.5	2	430	860	
39	12.5	2	417	834	
40	12.5	3	815	2445	
41	12.5	3	624	1872	
42	12.5	3	627	1881	



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EMEF ERLINDA MINÓGGIO VINADÉ

RUA JORDÂNIA, Nº 133 - BAIRRO SÃO JOÃO - SANTA MARIA - RS

PROJETO ESTRUTURAL - EDIFICAÇÃO "A"
DETALHAMENTO DAS VIGAS DA COBERTURA E PLATIBANDA

PROPRIETÁRIA / SECRETARIA GESTORA

PROJETISTA / RESPONSÁVEL TÉCNICO

PREFEITURA MUNICIPAL DE SANTA MARIA

Eng. Civil Regis C. Moraes
CREA/RS 93.278

ÁREA

DESENHO ORIGINAL

A.R.T.

PRANCHA

ESCALA

INDICADA

AJUSTES

DATA

7/22

UNIDADES

CENTÍMETROS

Regis Moraes
Engenheiro Civil

JUNHO/2024

ARQUIVO