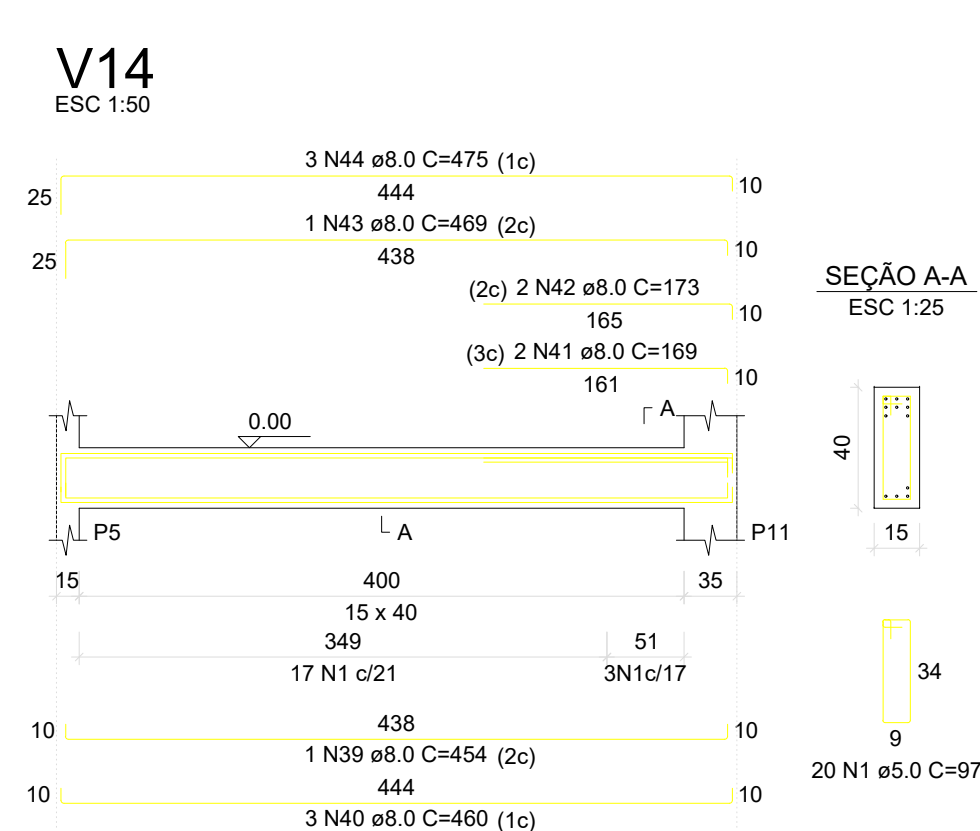
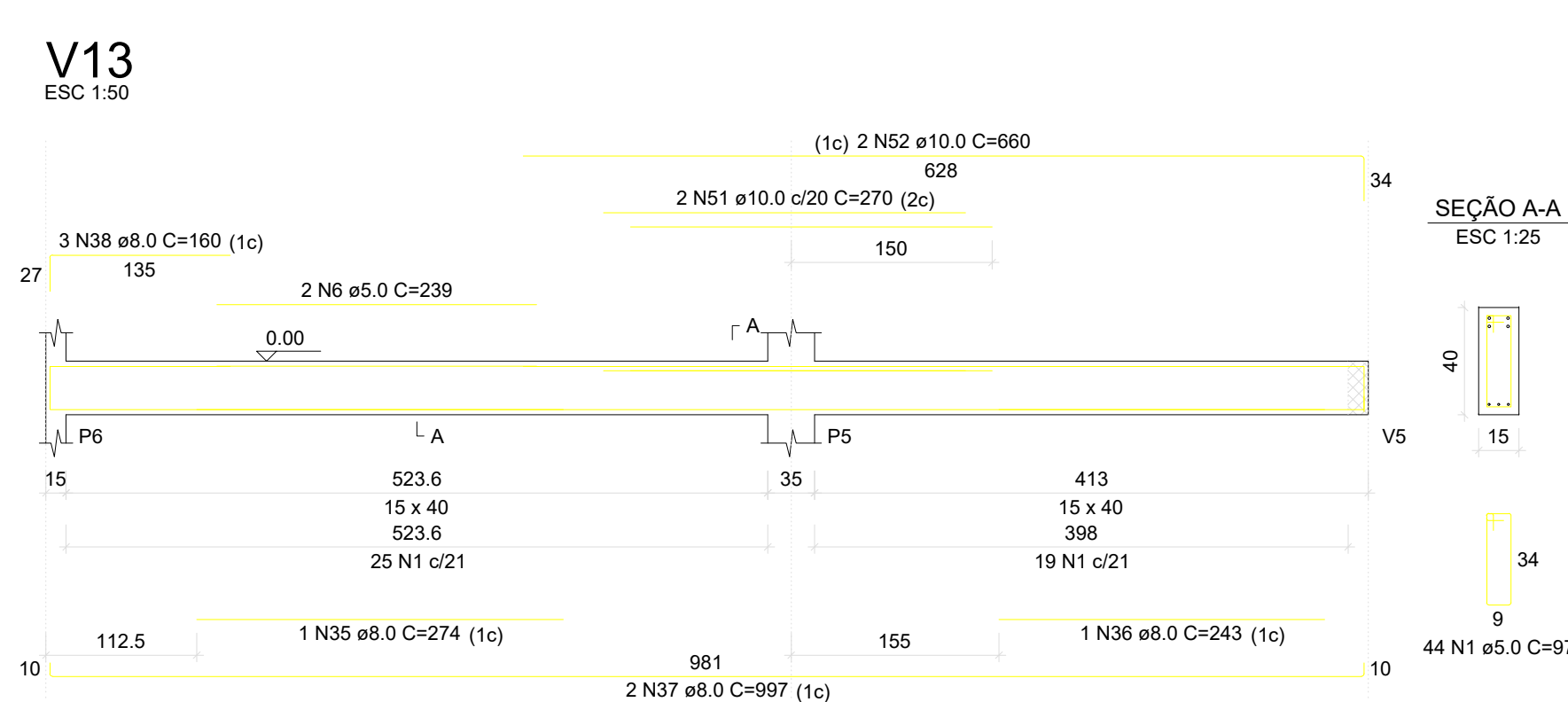
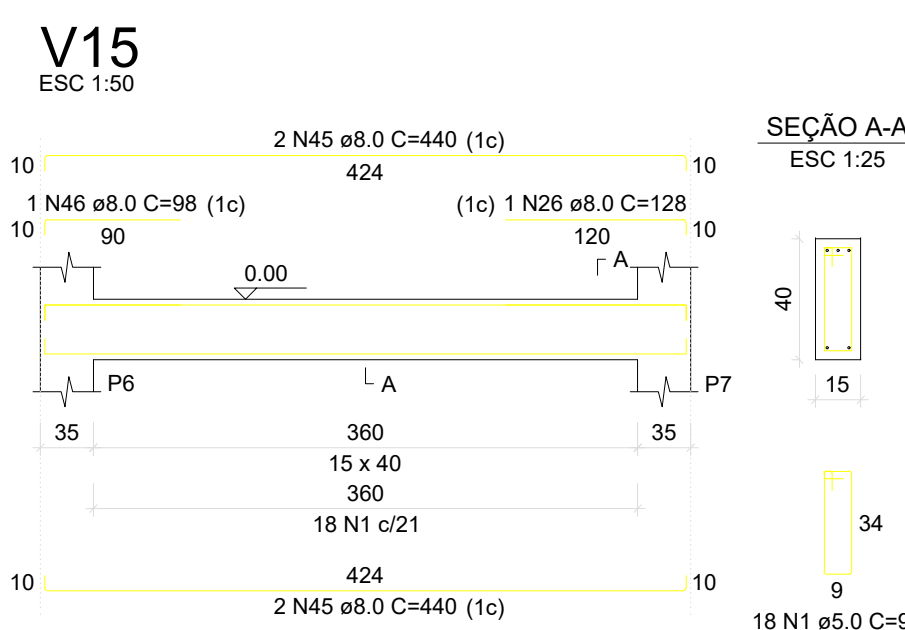
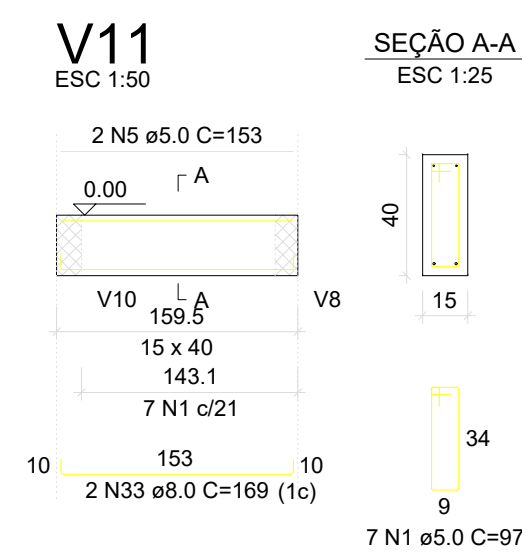
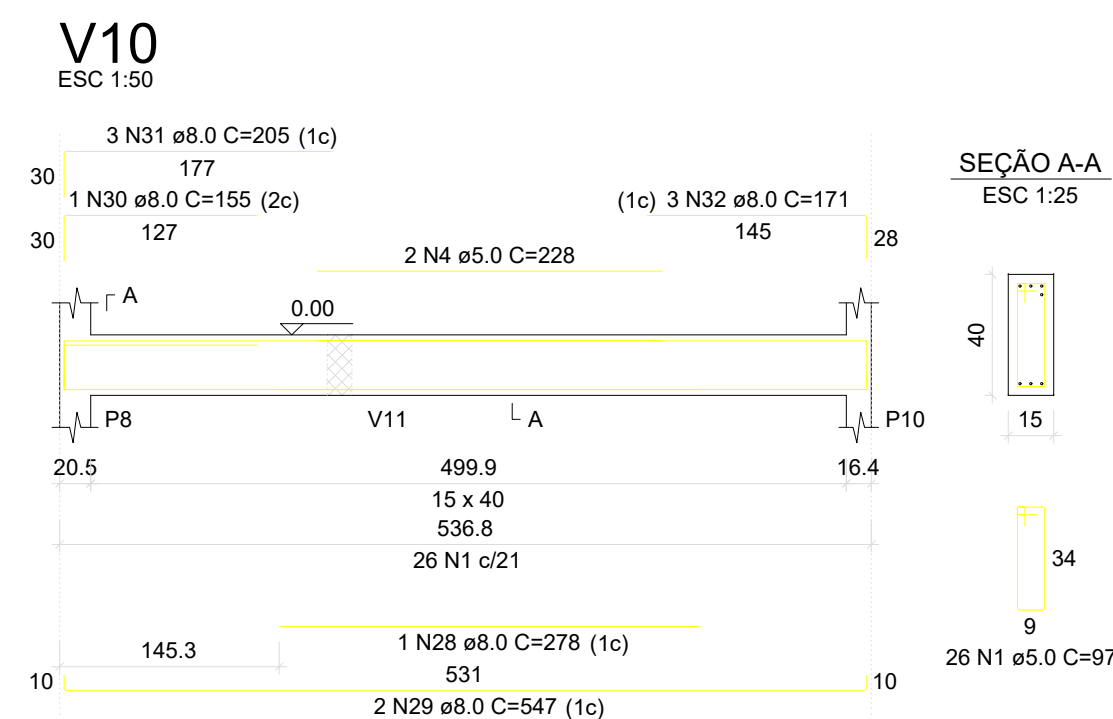
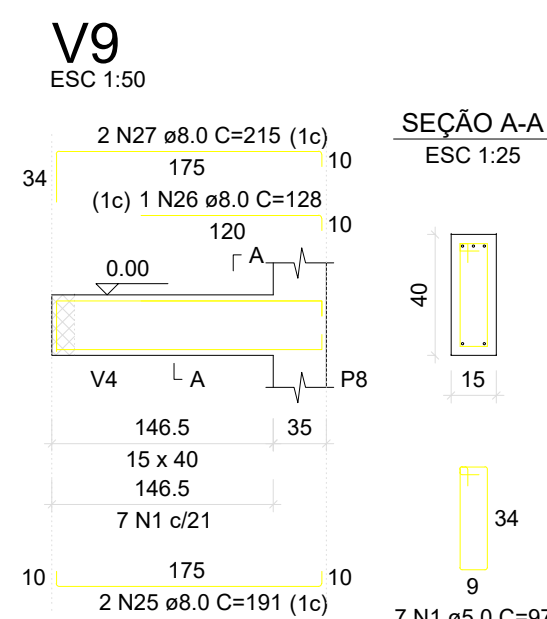
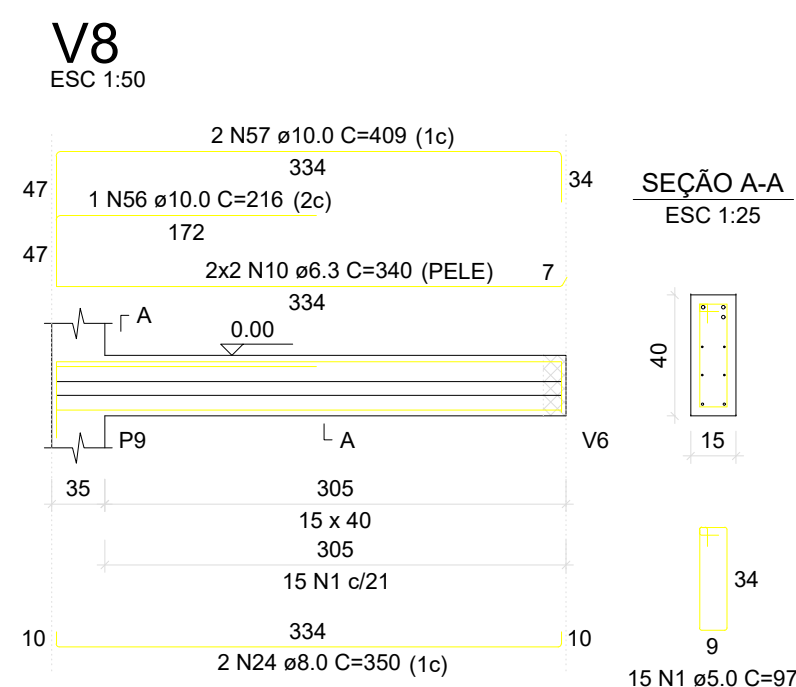
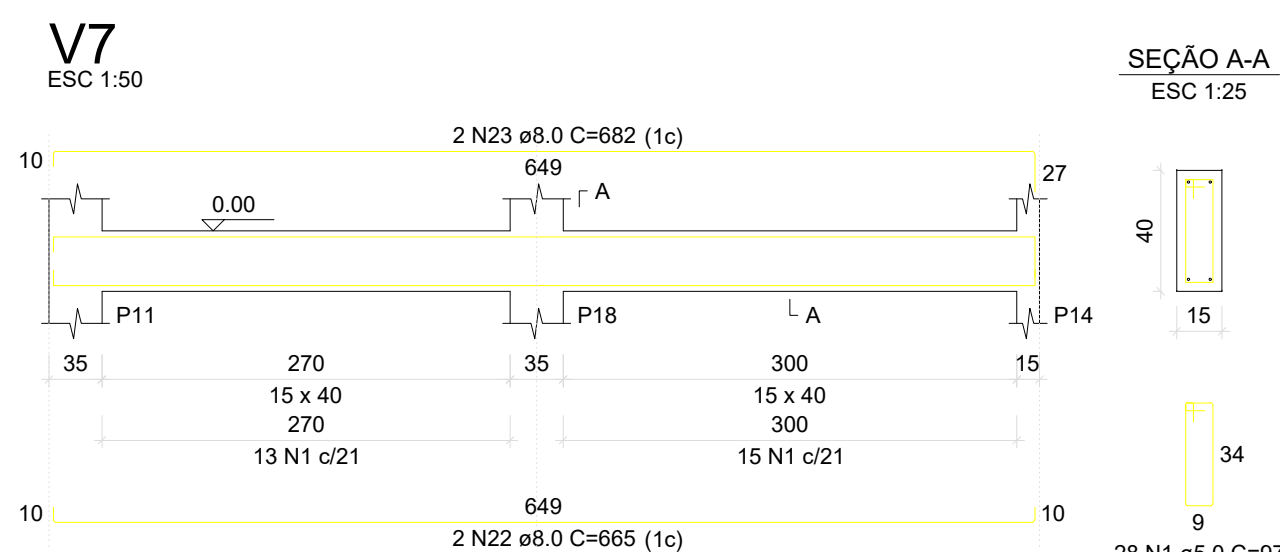
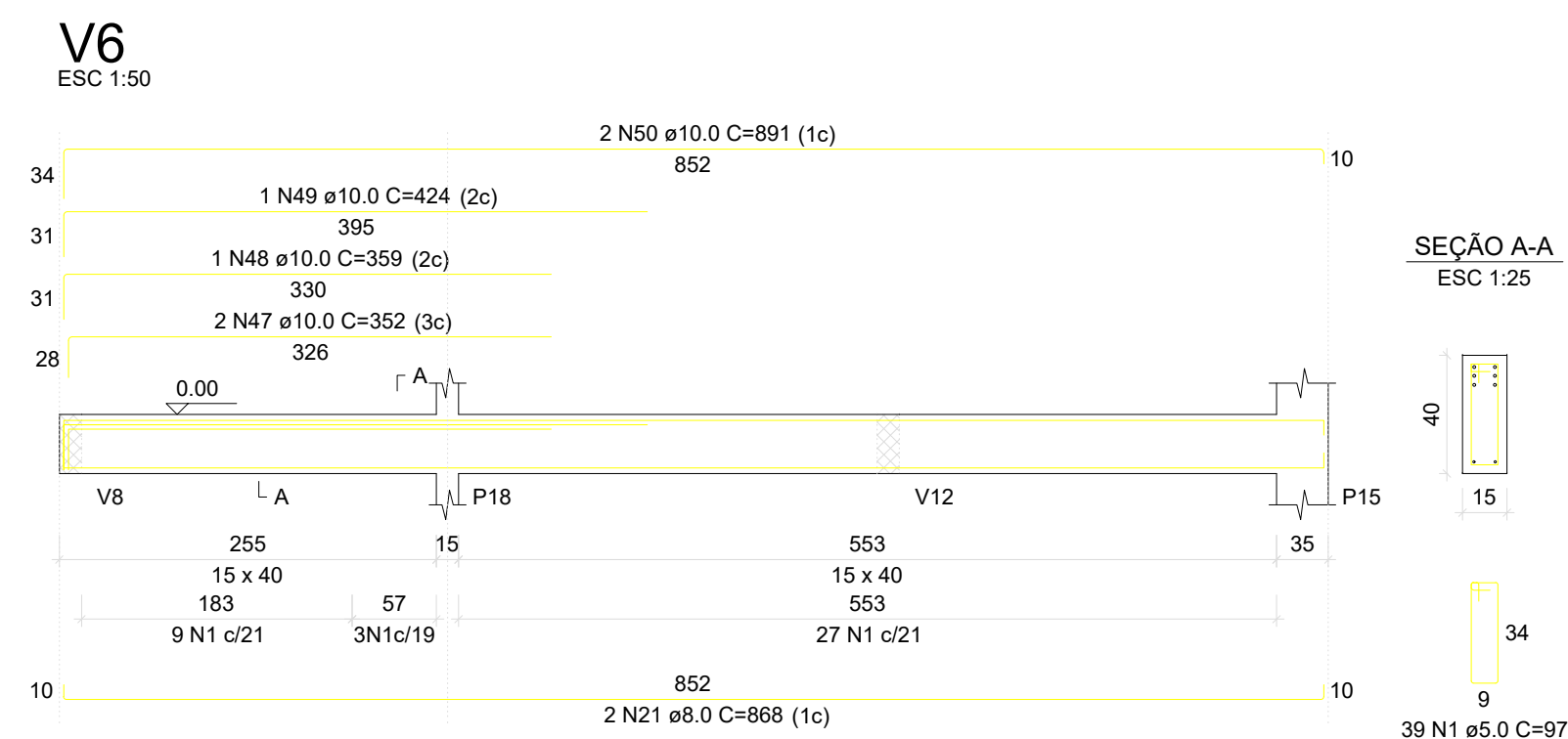
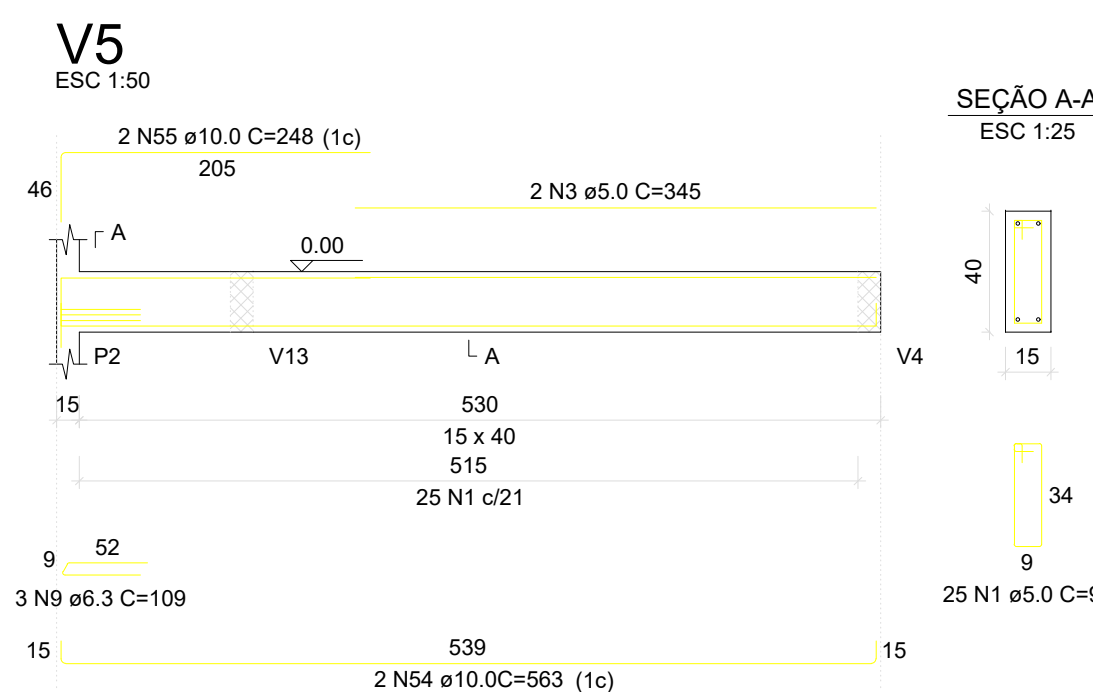
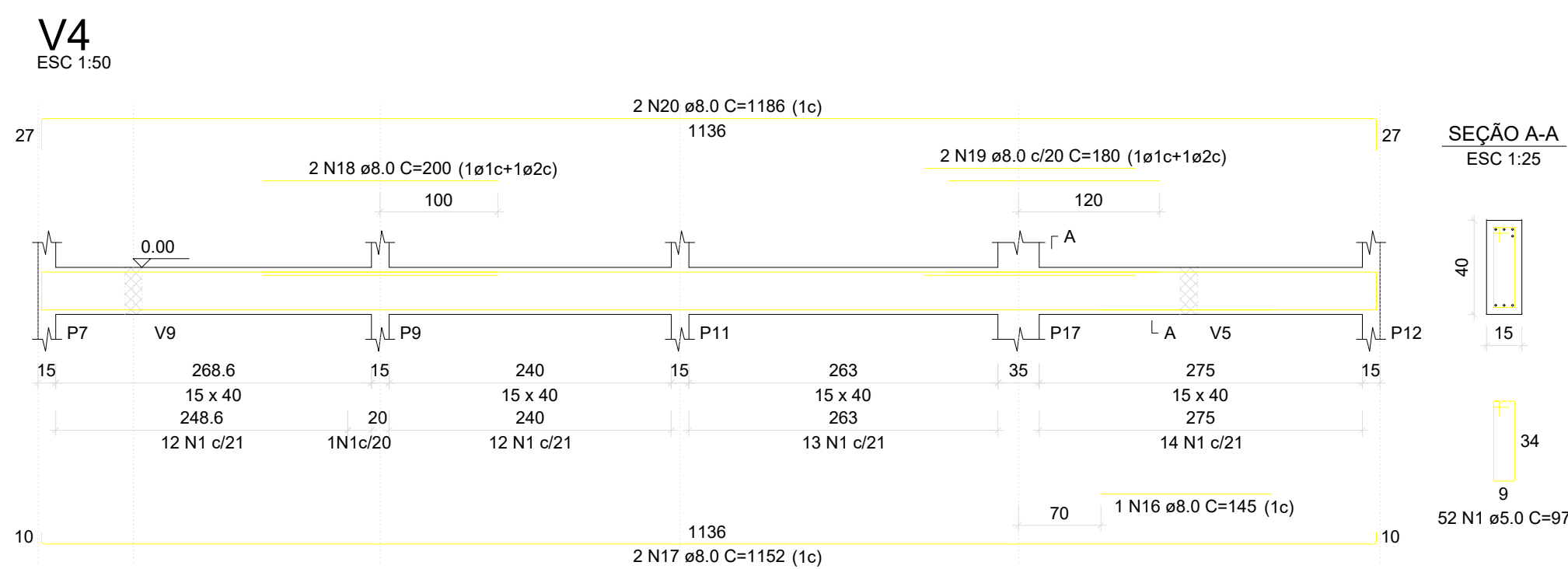
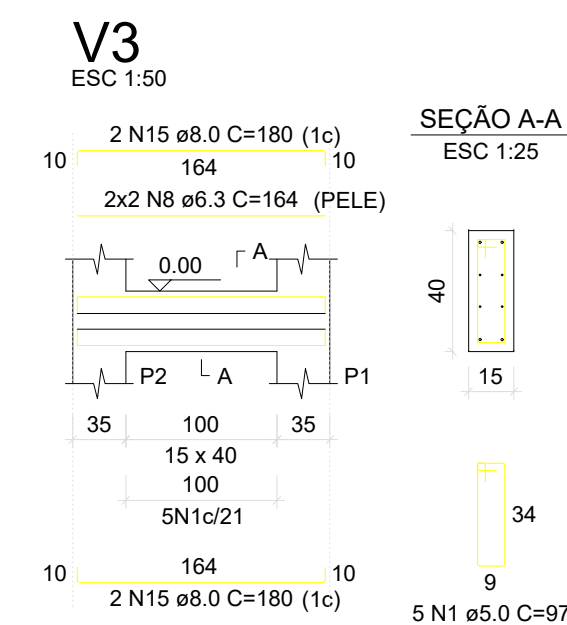
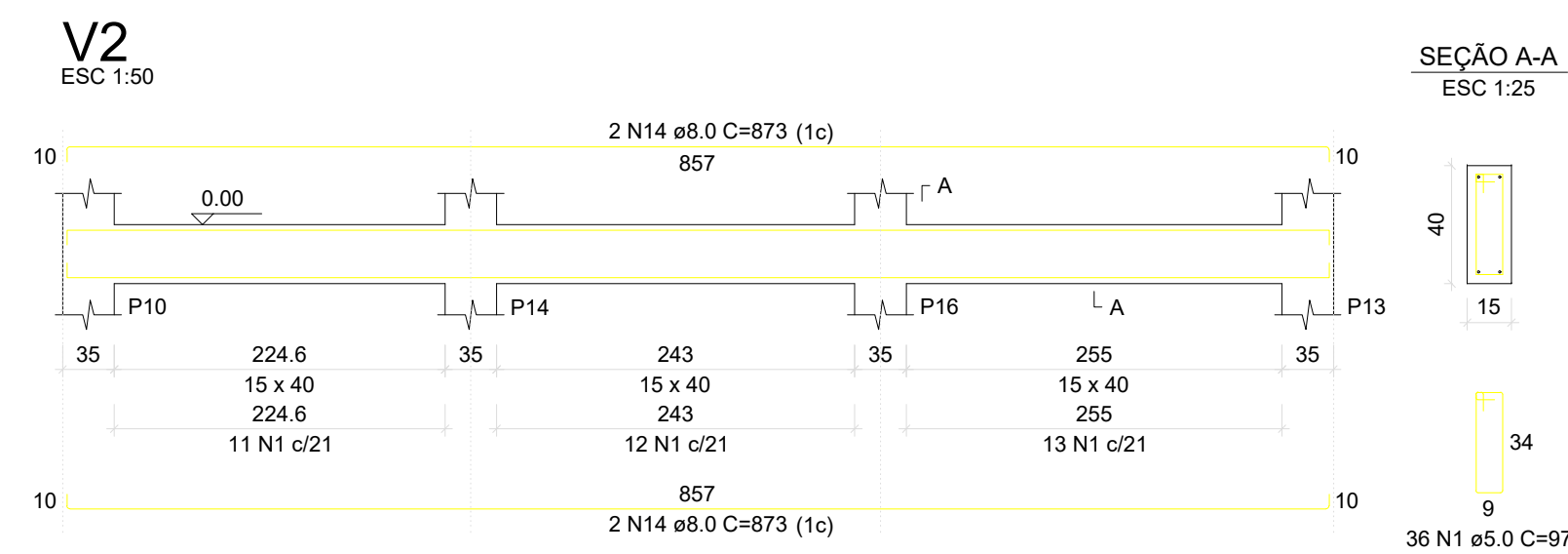
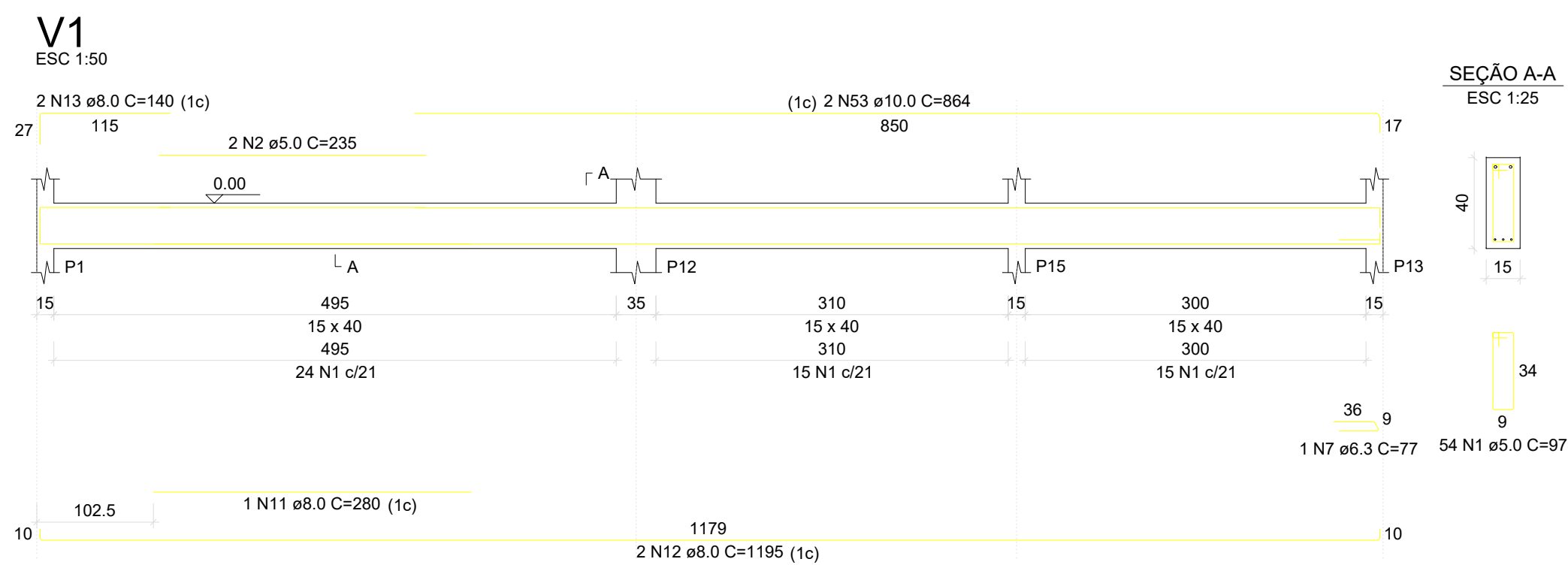




RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	406	97	39382
	2	5.0	2	235	470
	3	5.0	2	345	690
	4	5.0	2	228	456
	5	5.0	2	153	306
	6	5.0	2	239	478
	7	6.3	1	77	77
	8	6.3	4	164	656
	9	6.3	3	109	327
	10	8.0	4	340	1360
	11	8.0	1	280	280
	12	8.0	2	1195	2390
	13	8.0	2	140	280
	14	8.0	4	873	3492
	15	8.0	4	180	720
	16	8.0	2	145	290
	17	8.0	2	1152	2304
	18	8.0	2	200	400
	19	8.0	2	180	360
	20	8.0	2	1186	2372
	21	8.0	2	868	1736
	22	8.0	4	665	2660
	23	8.0	2	682	1364
	24	8.0	2	350	700
	25	8.0	2	191	382
	26	8.0	2	128	256
	27	8.0	2	215	430
	28	8.0	1	278	278
	29	8.0	2	547	1094
	30	8.0	1	155	155
	31	8.0	3	205	615
	32	8.0	3	171	513
	33	8.0	2	169	338
	34	8.0	2	699	1398
	35	8.0	1	274	274
	36	8.0	1	243	243
	37	8.0	1	897	1694
	38	8.0	3	160	480
	39	8.0	1	454	454
	40	8.0	3	460	1380
	41	8.0	2	169	338
	42	8.0	2	173	346
	43	8.0	1	469	469
	44	8.0	3	475	1425
	45	8.0	4	440	1760
	46	8.0	1	98	98
	47	10.0	2	352	704
	48	10.0	1	359	359
	49	10.0	1	424	424
	50	10.0	2	891	1782
	51	10.0	2	270	540
	52	10.0	2	660	1320

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)
CA50	6.3	24.2	3
	8.0	339.2	32
	10.0	51.3	5
CA60	5.0	417.8	39

PESO TOTAL (kg)
CA50 235
CA60 70.8

Volume de concreto (C-25) = 4.97 m³
Área de forma = 69.10 m²

BALDRAME

PROJETO AMPLIAÇÃO E REFORMA

RUA DONA QUIQUINHA,
PIEDADE DE PONTE NOVA

PREFEITURA MUNICIPAL DE PIEDADE

CLAYTON SOARES FERNANDES
CREAMG 239135

FOLHA A1

DATA 11/09/2025

FOLHA

3/3