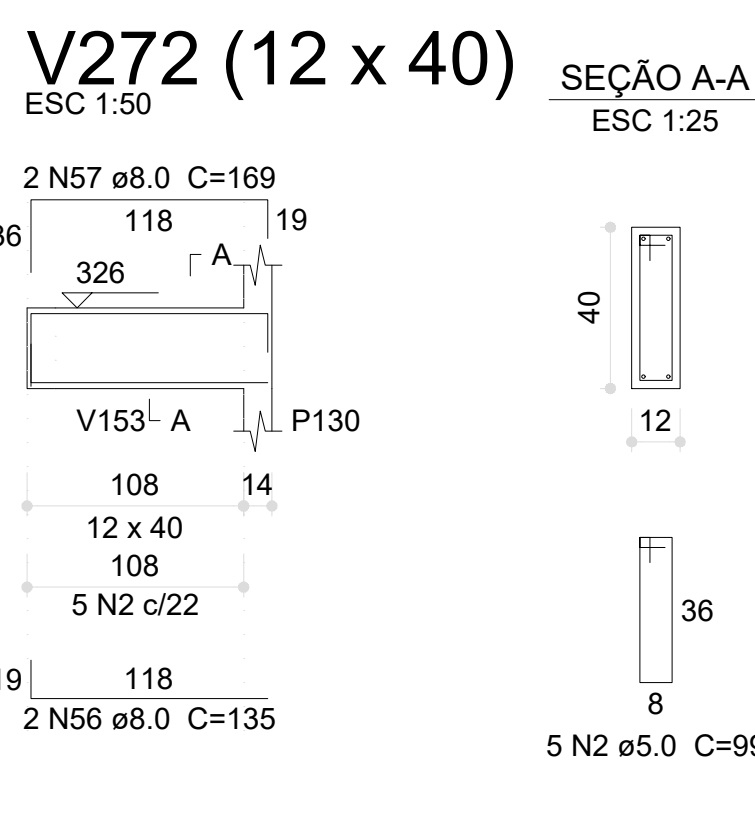
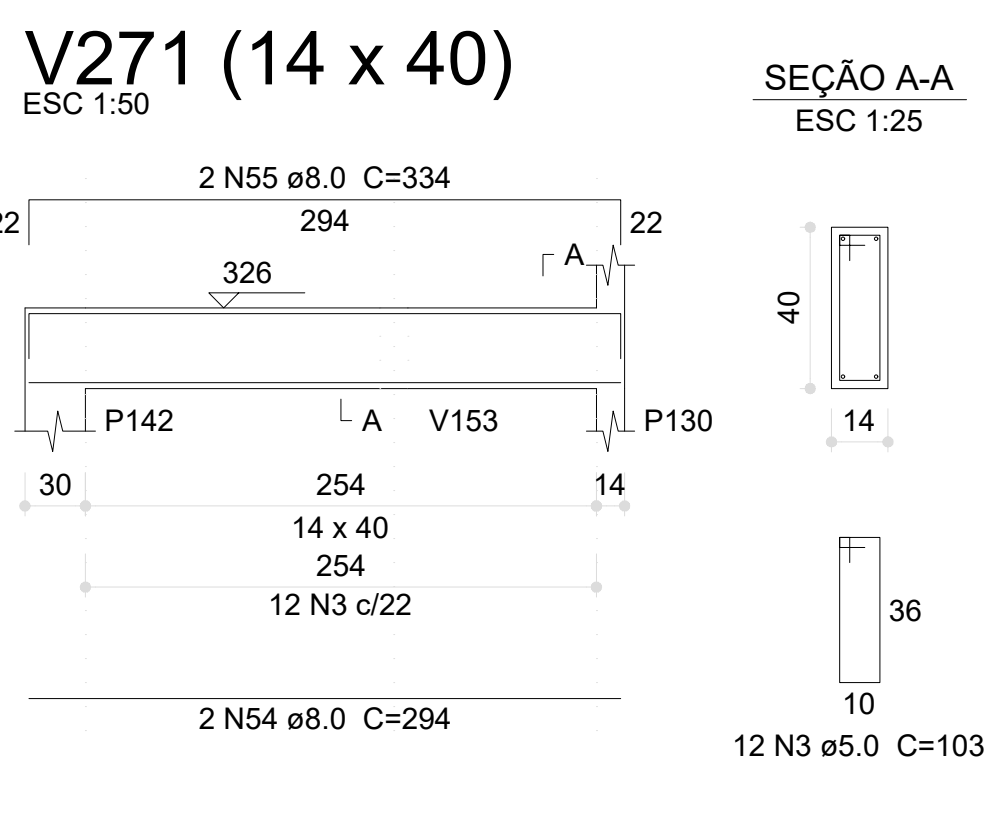
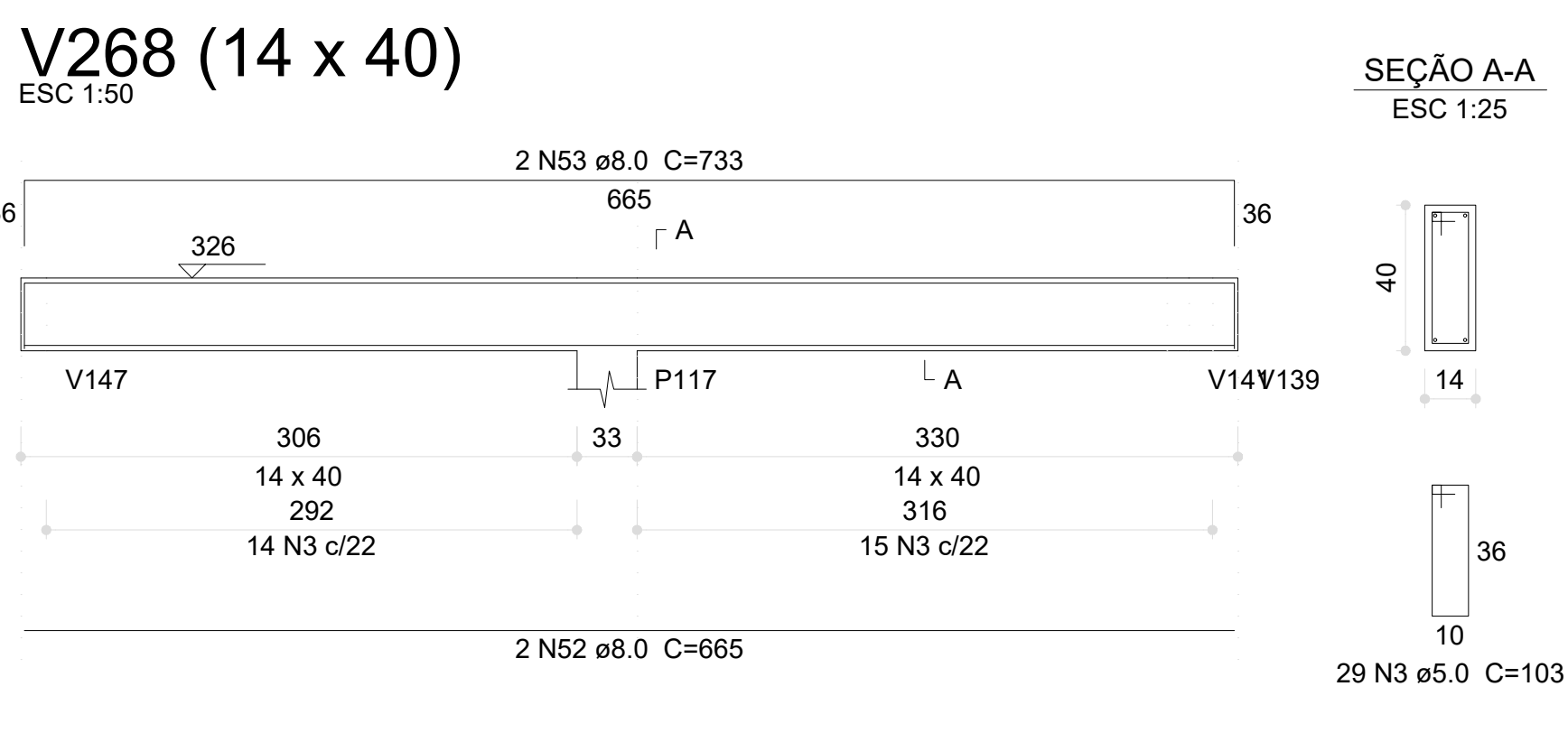
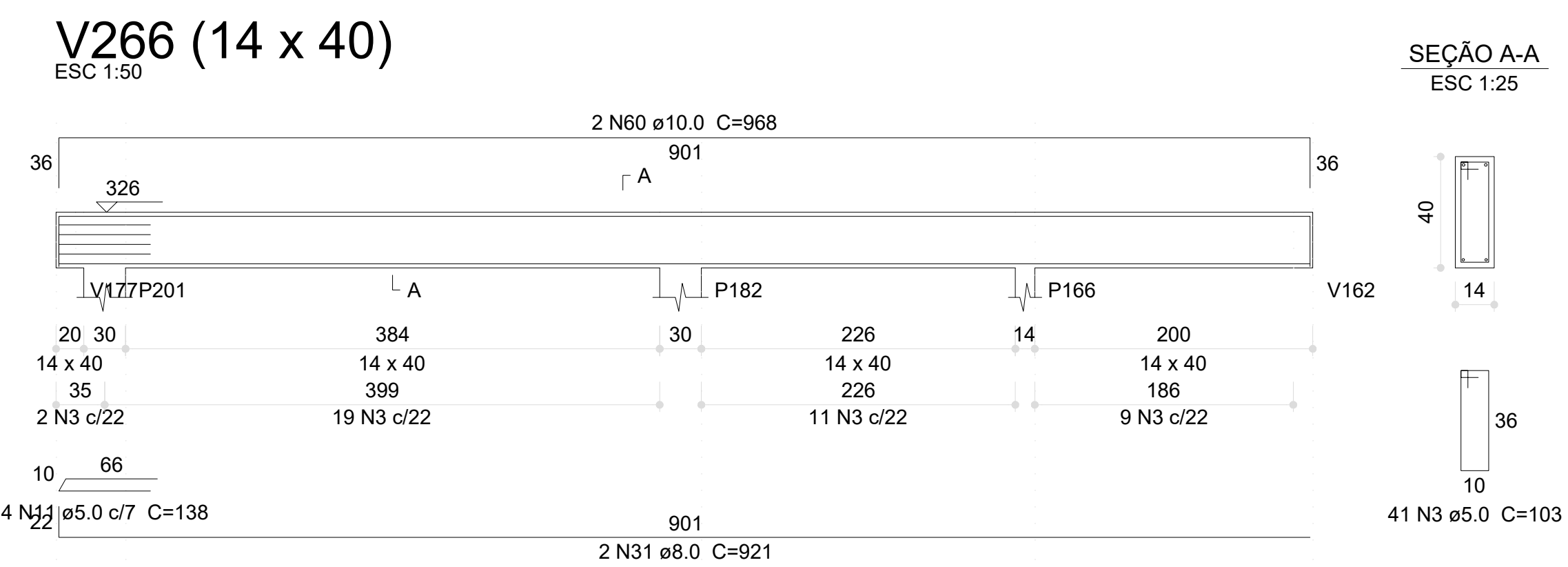
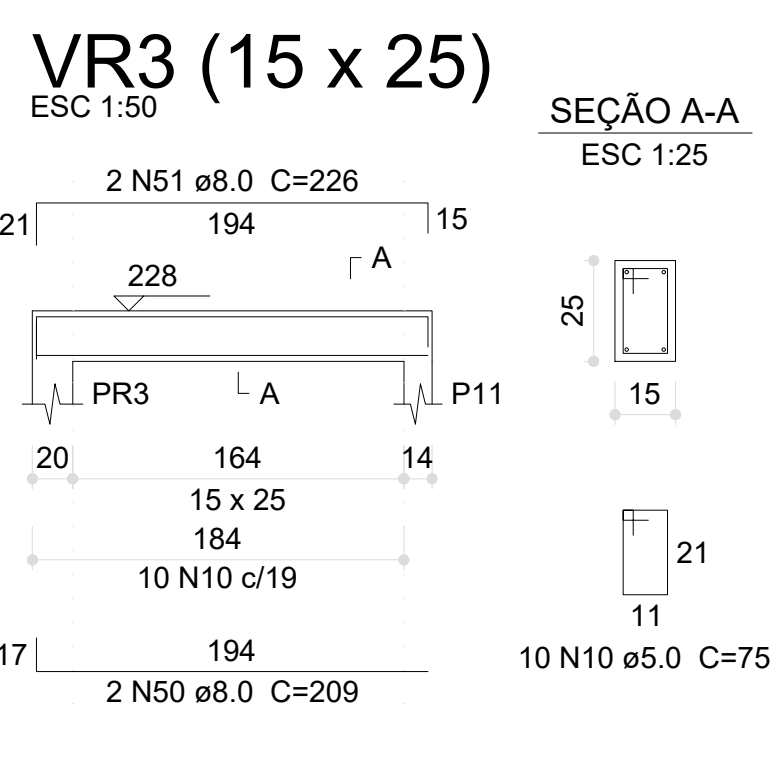
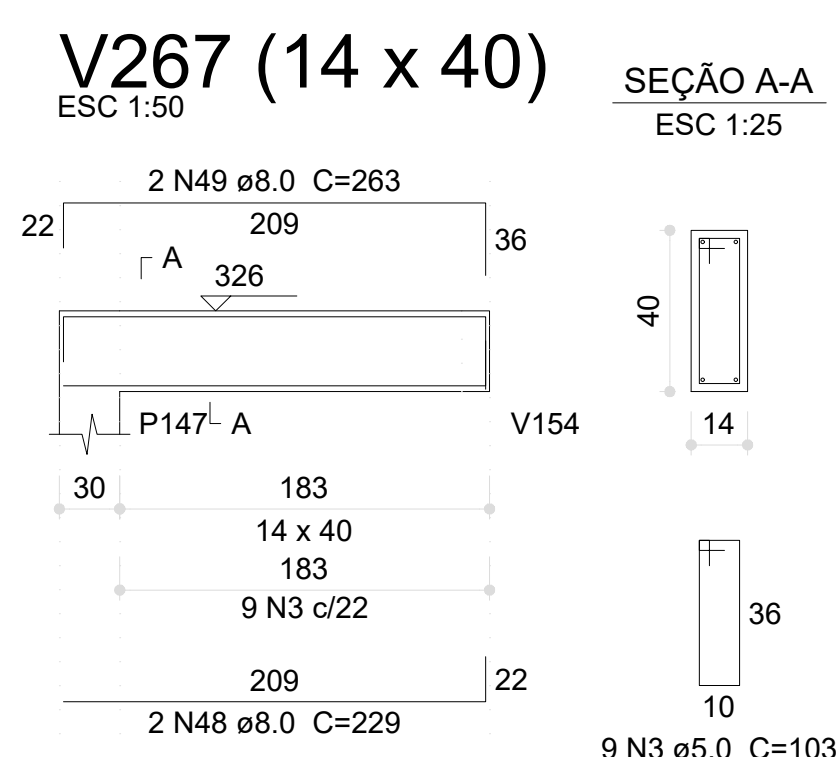
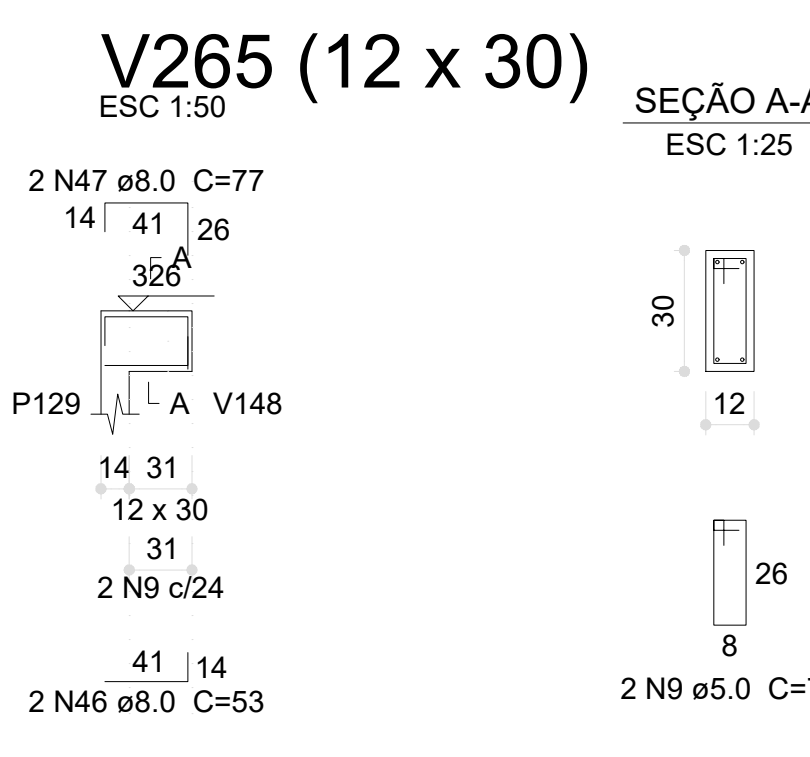
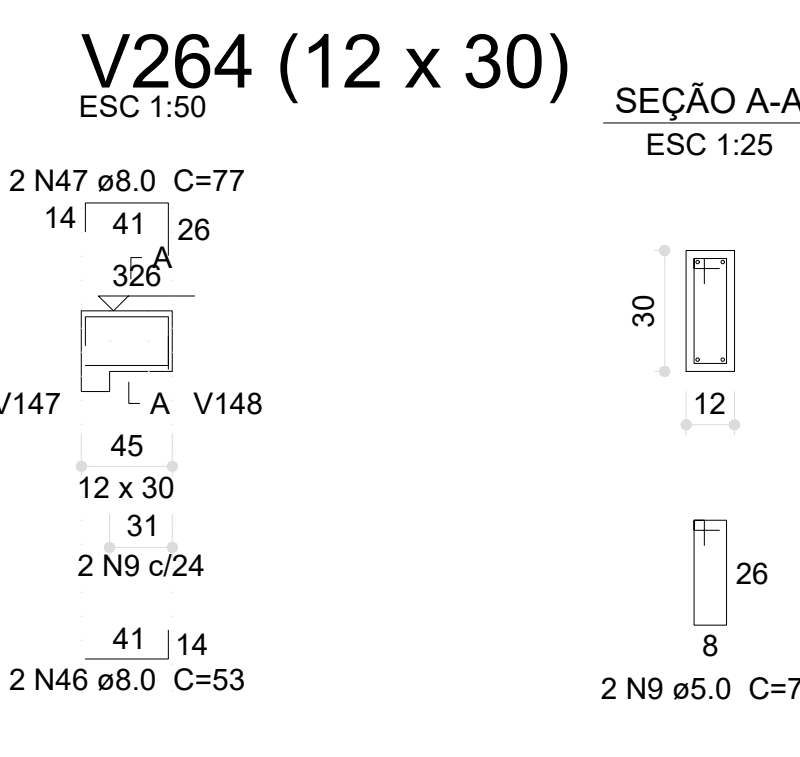
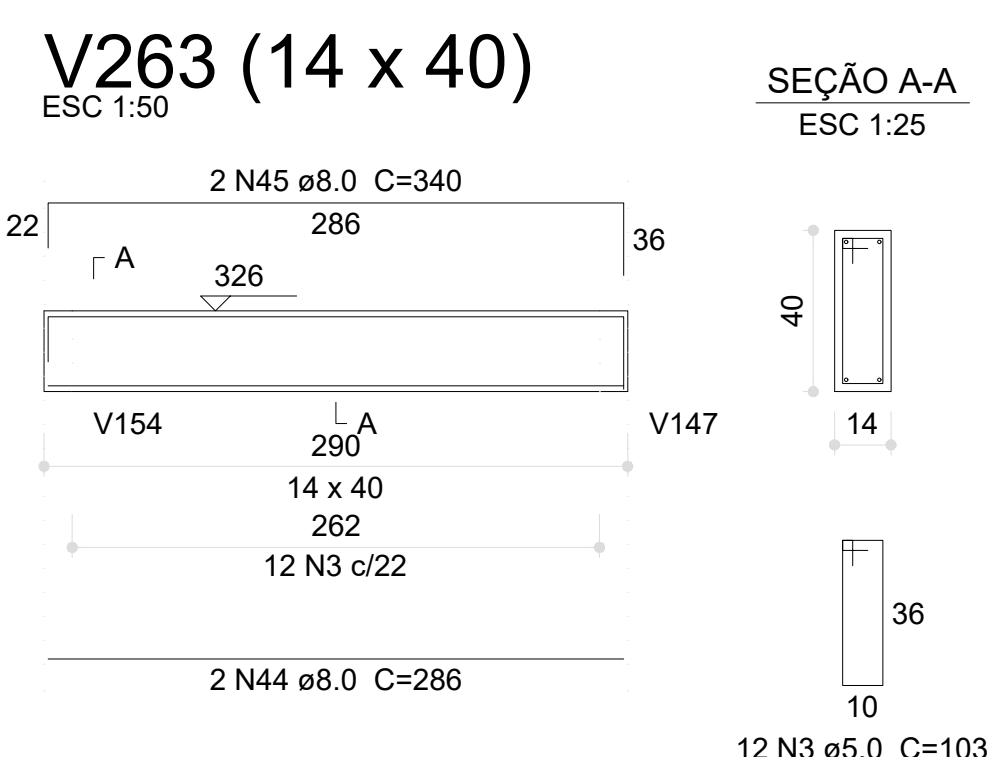
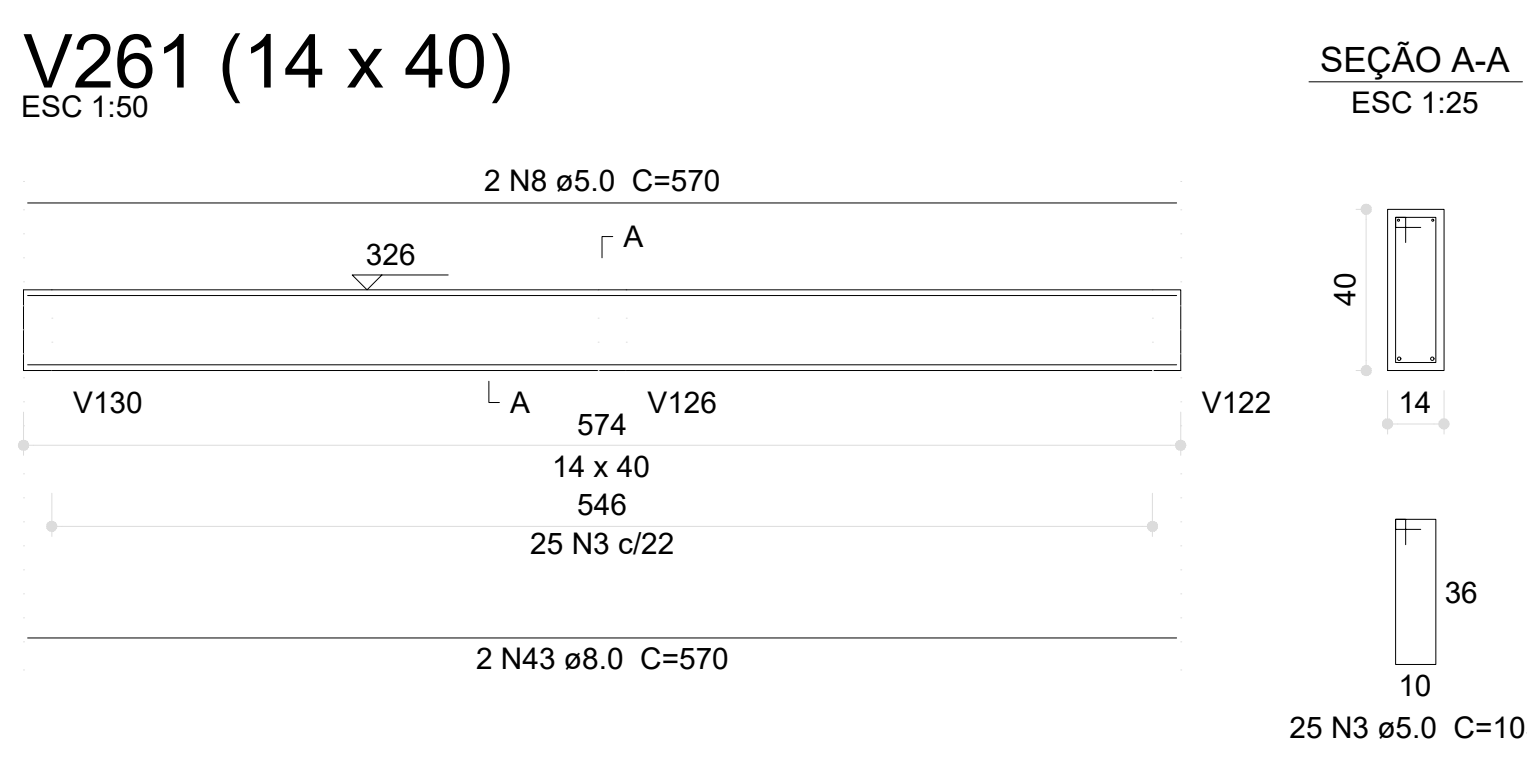
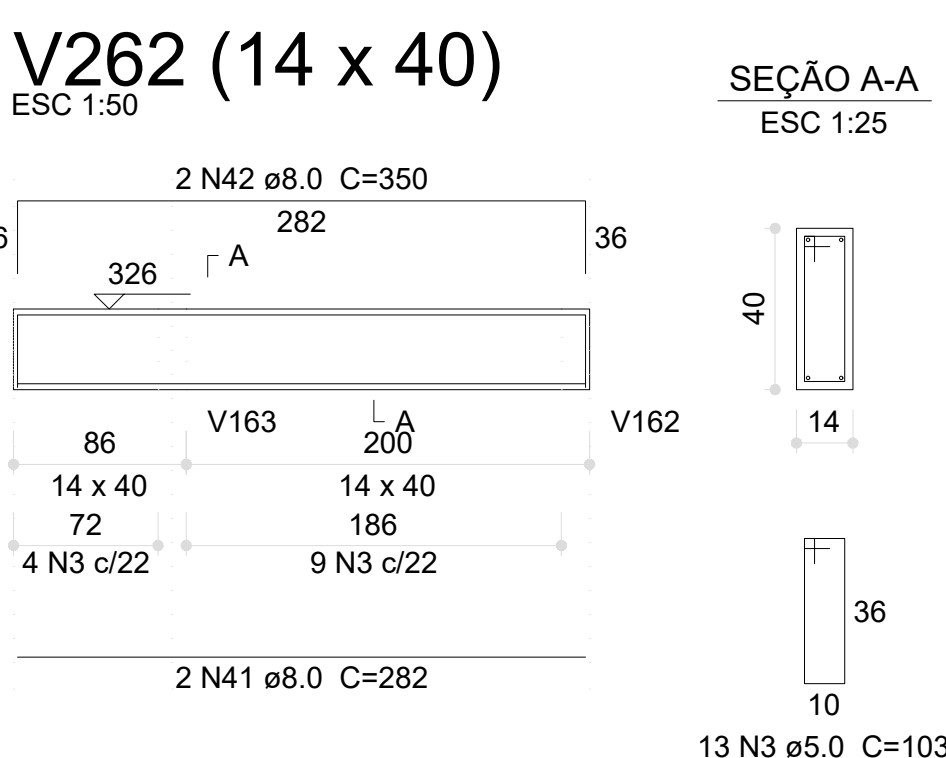
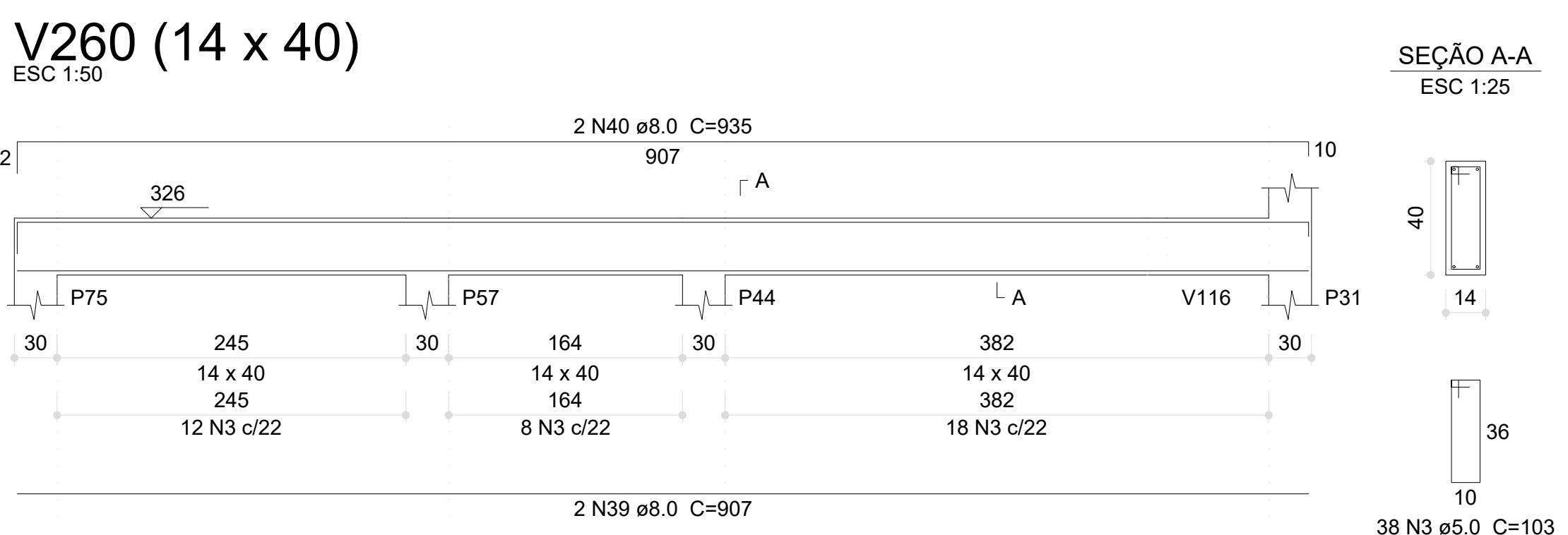
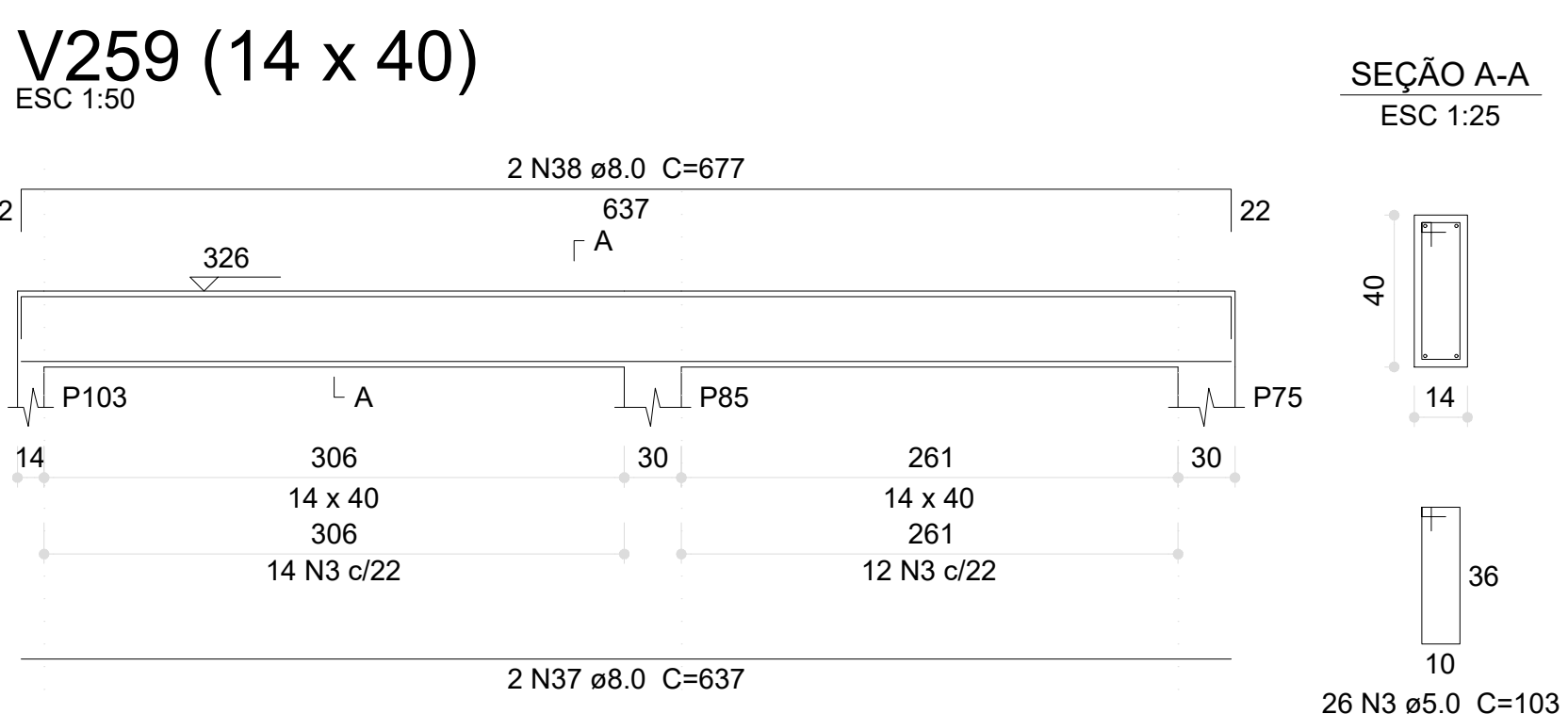
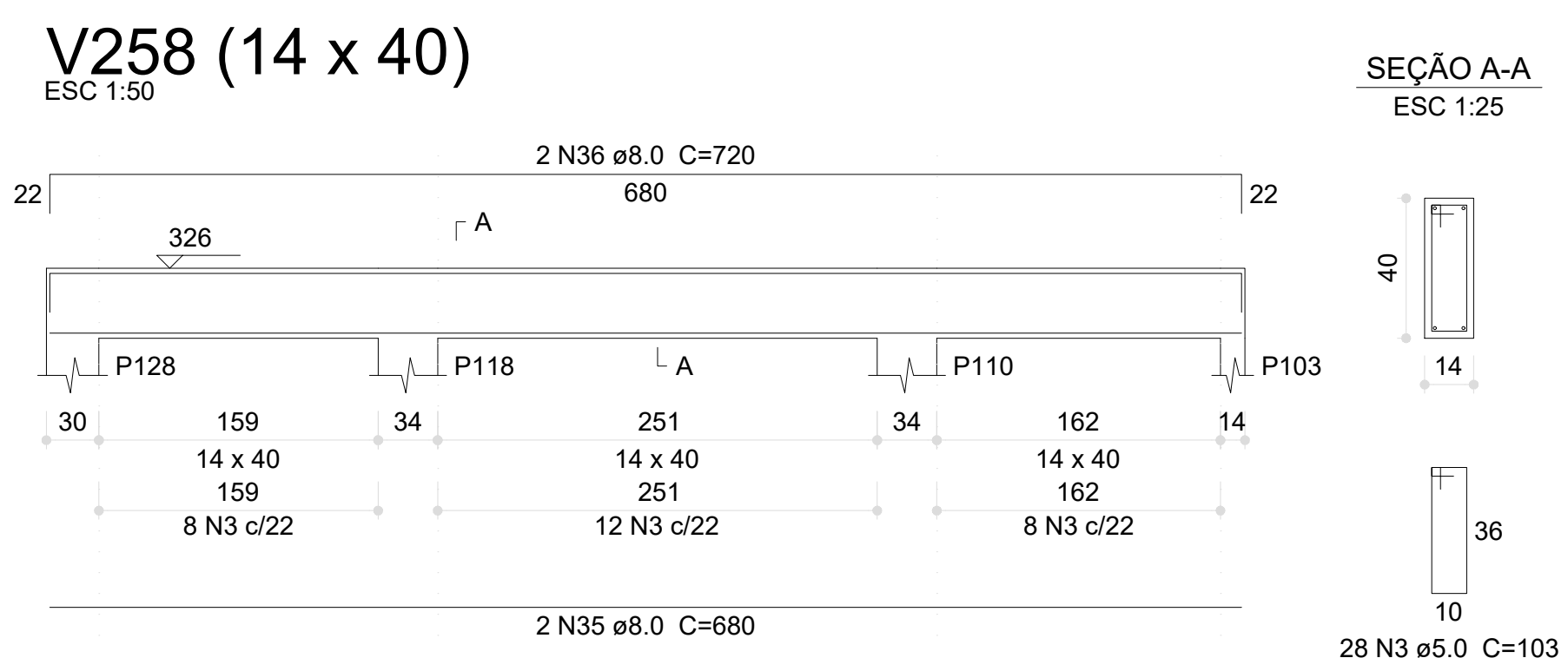
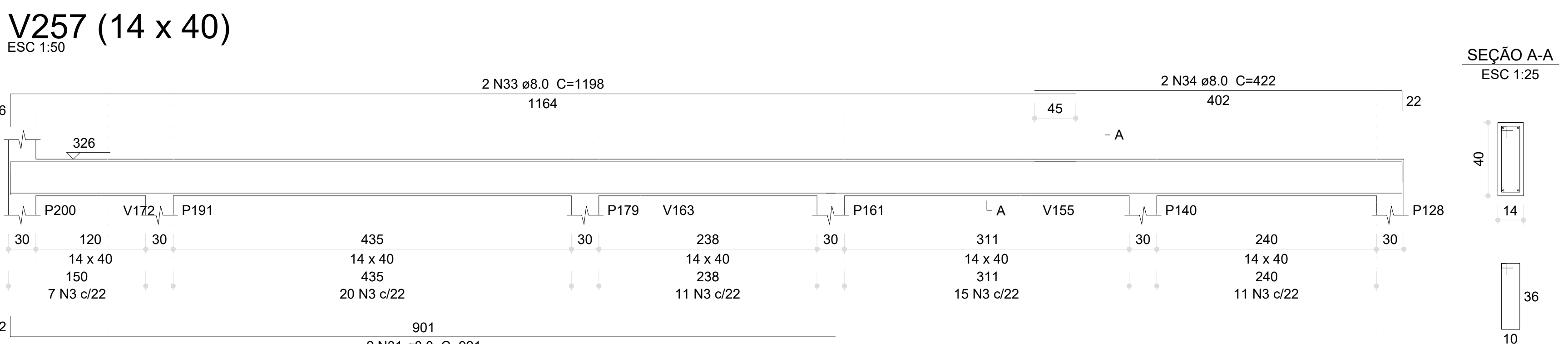
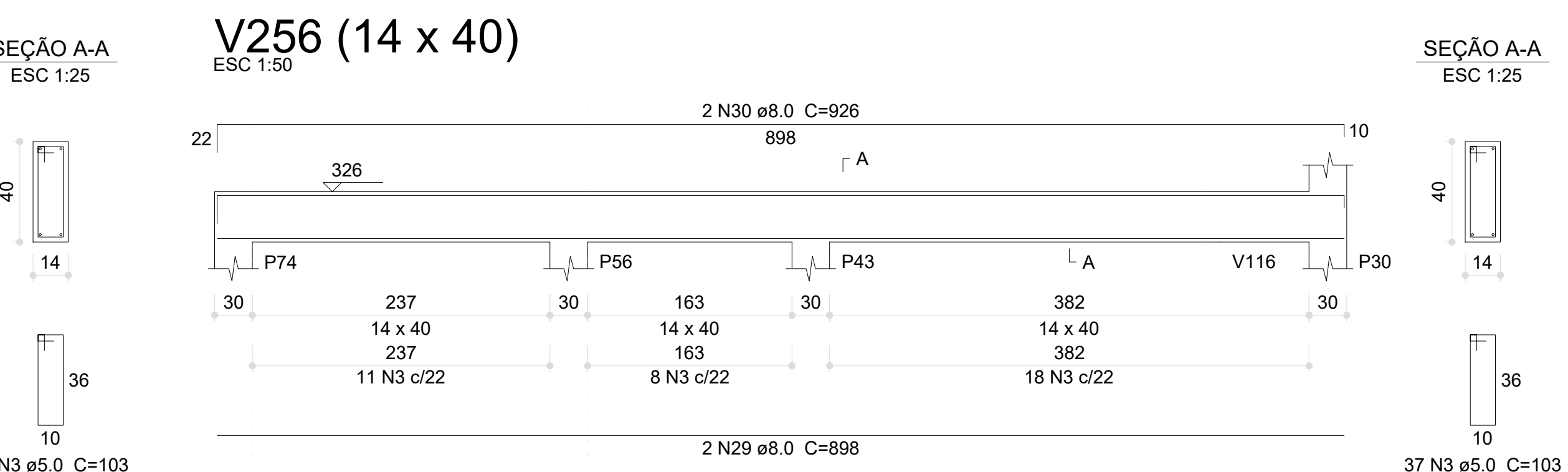
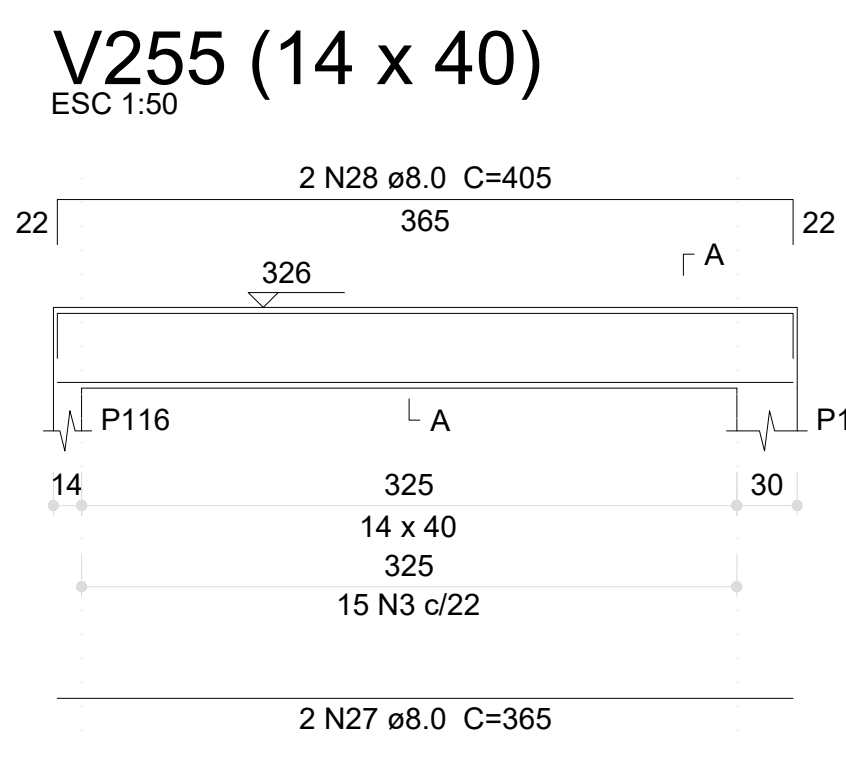
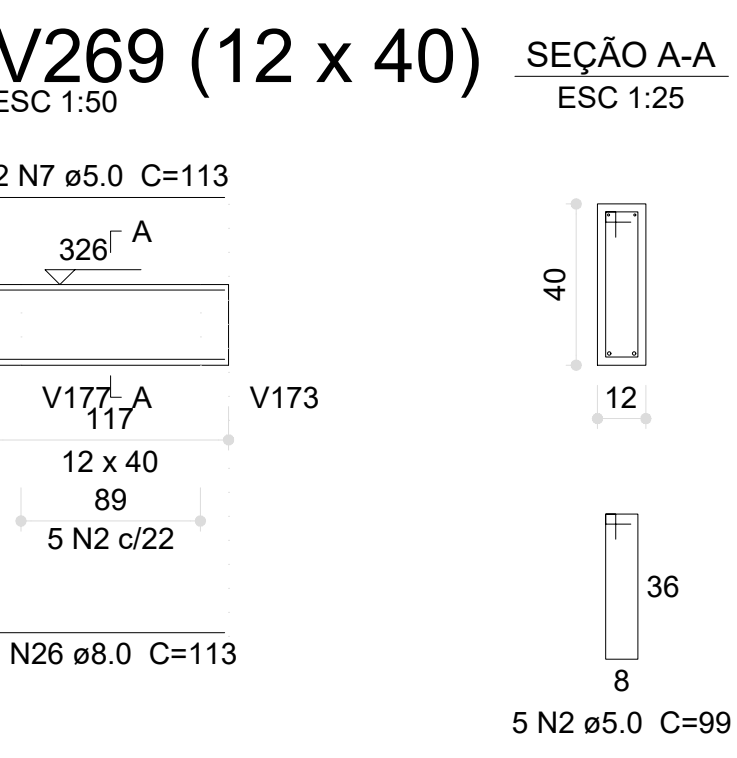
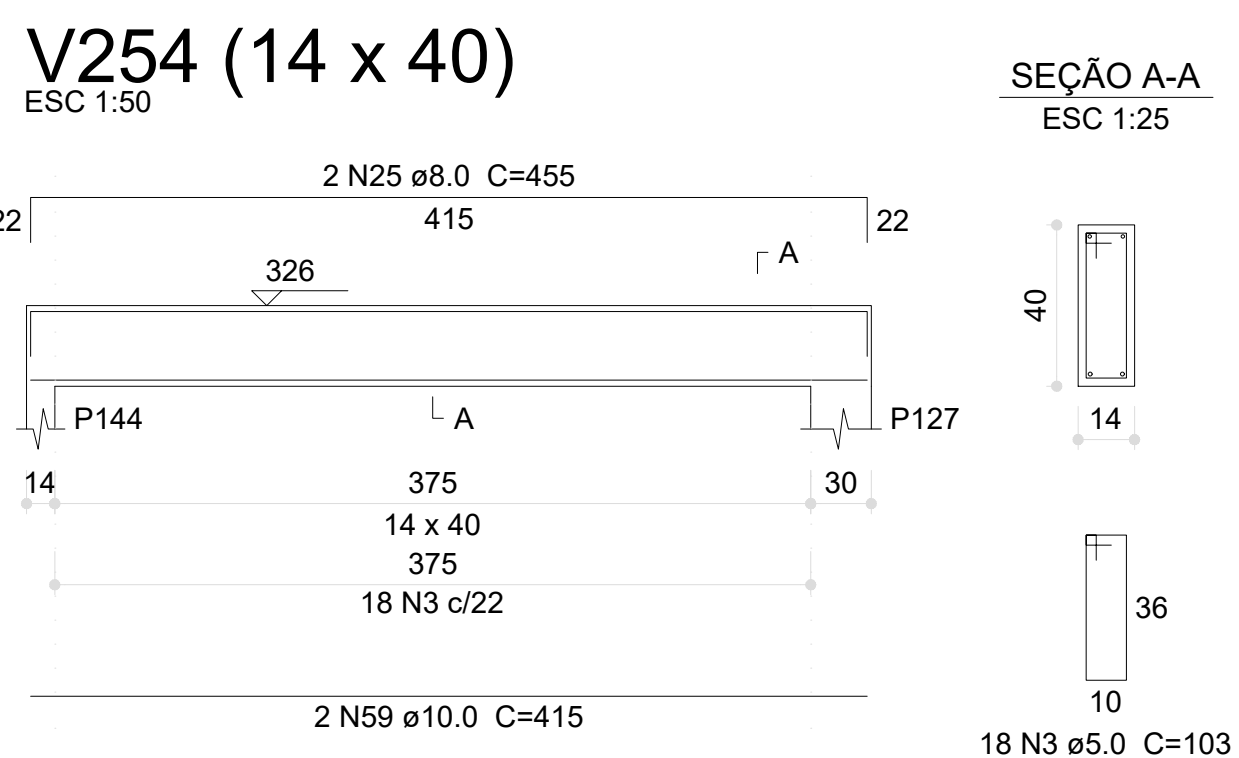
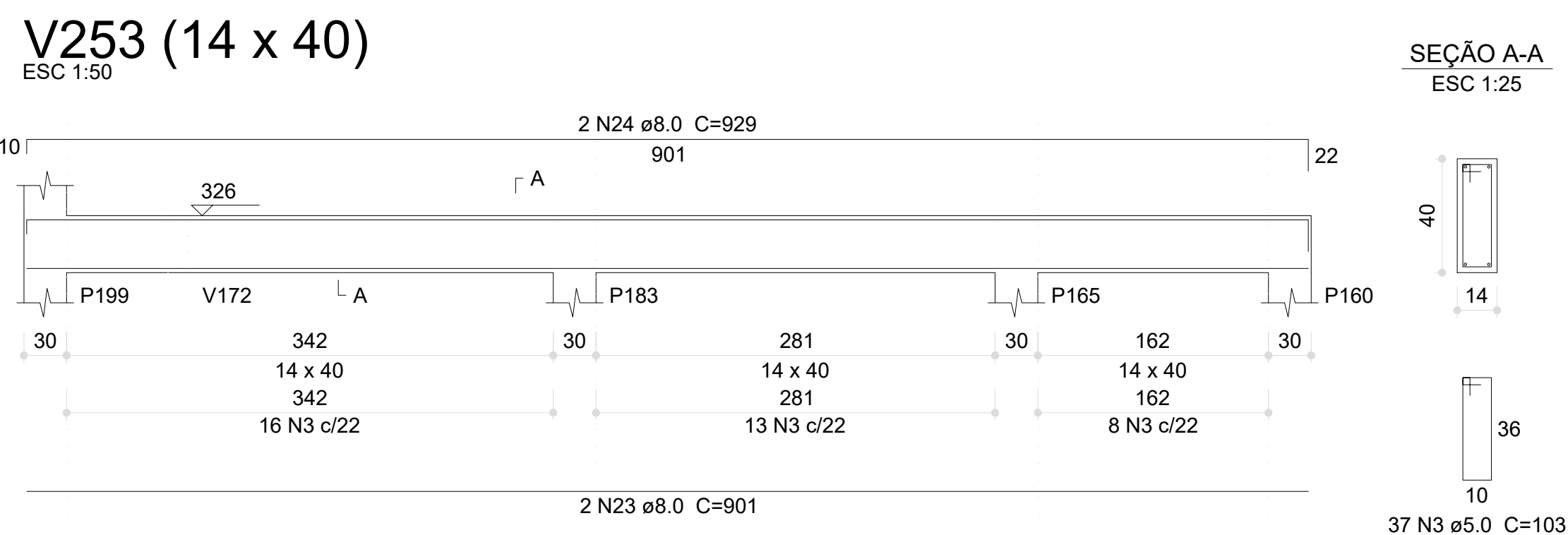
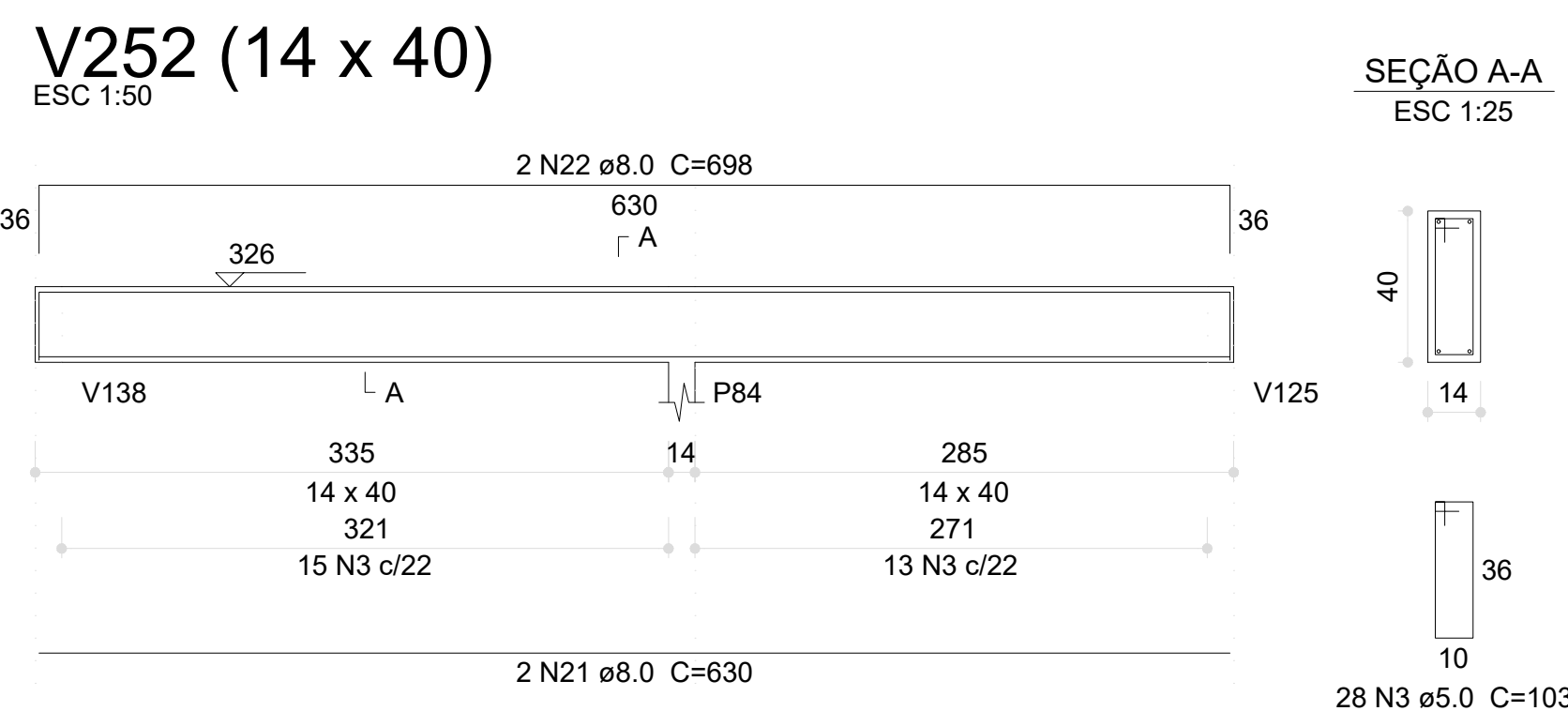
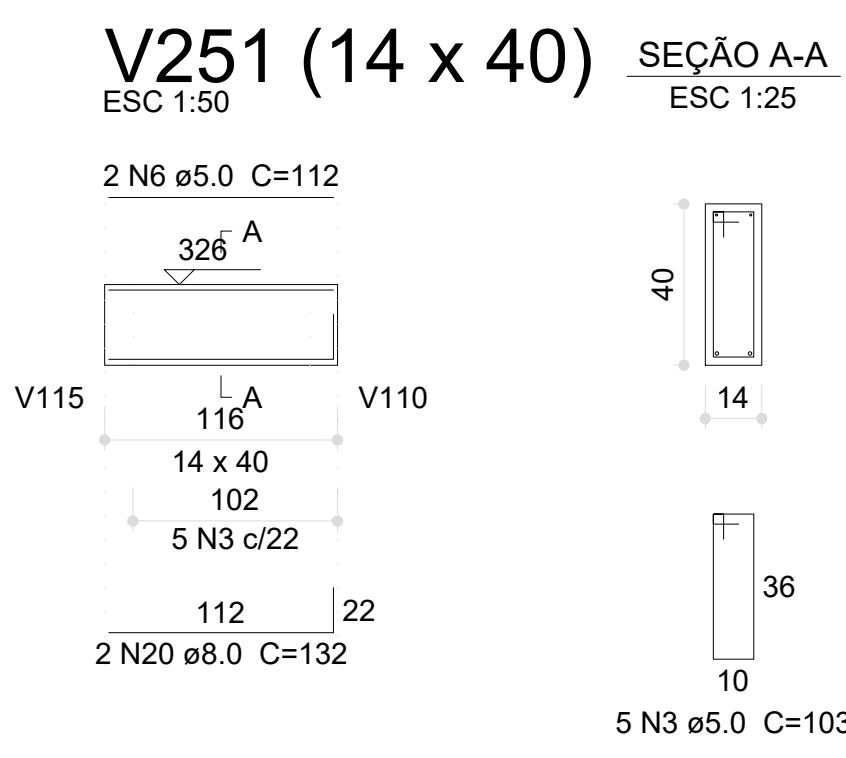
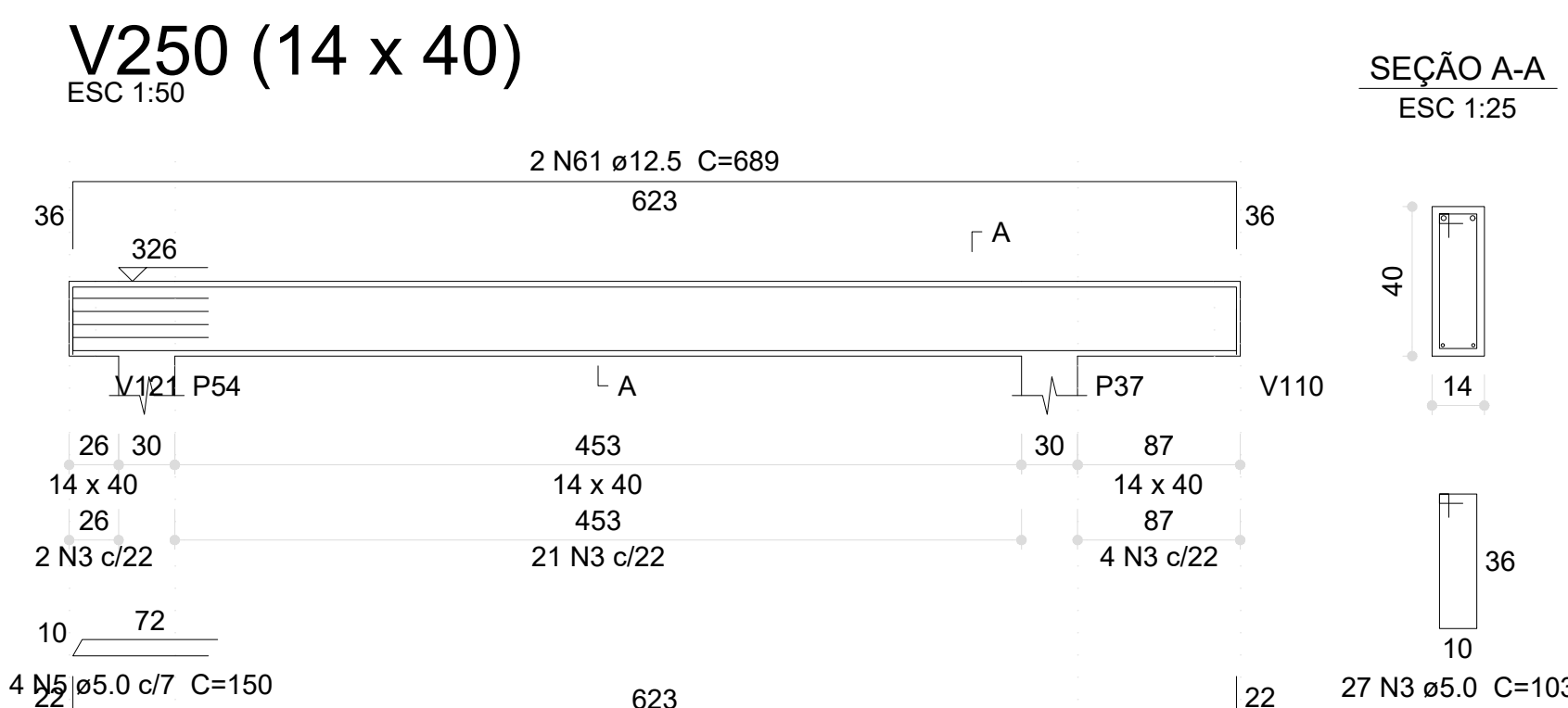
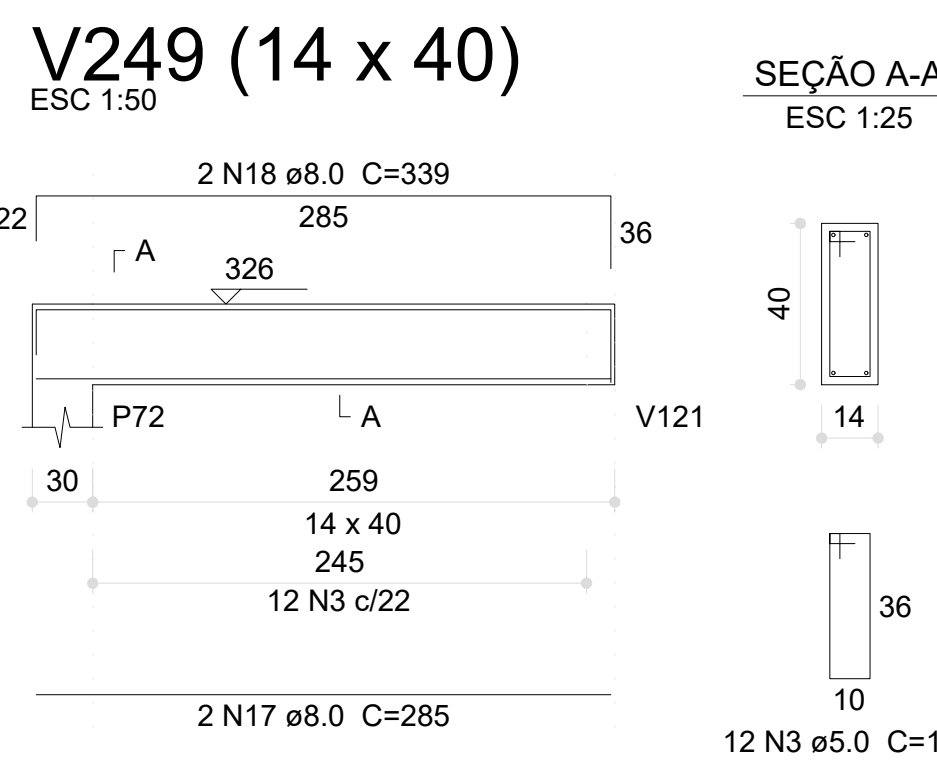
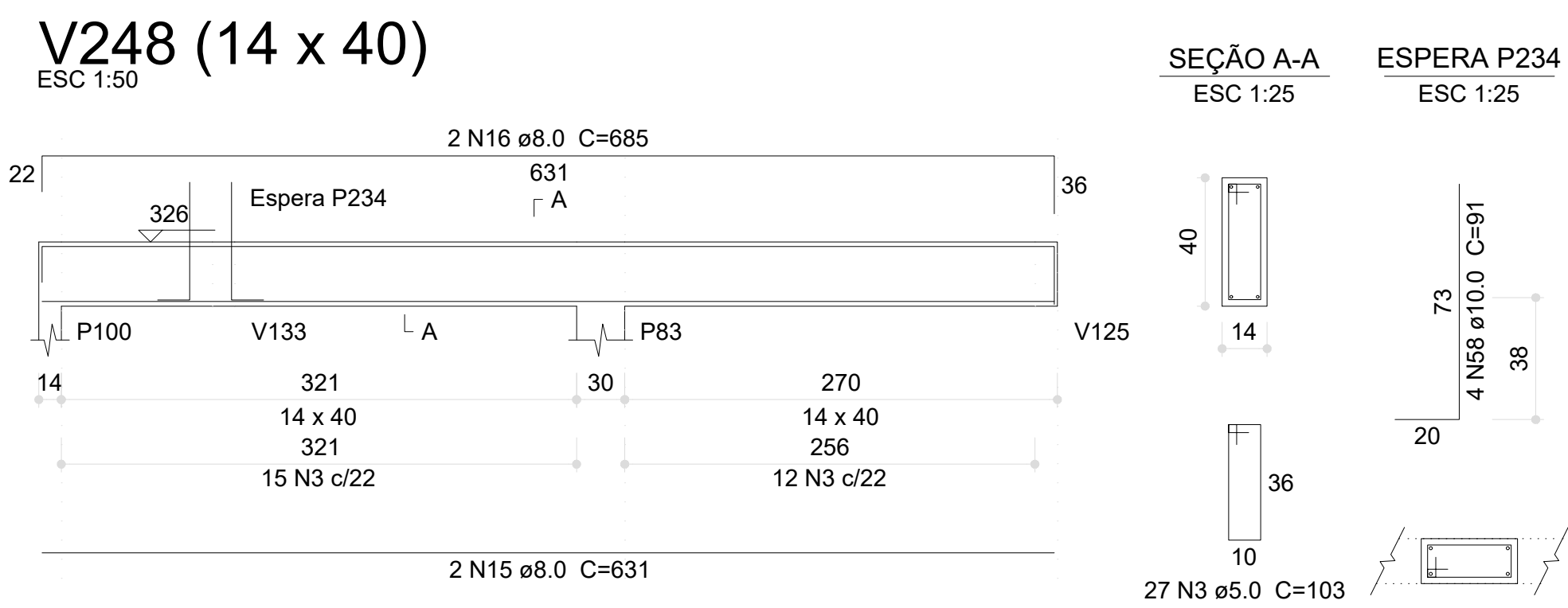
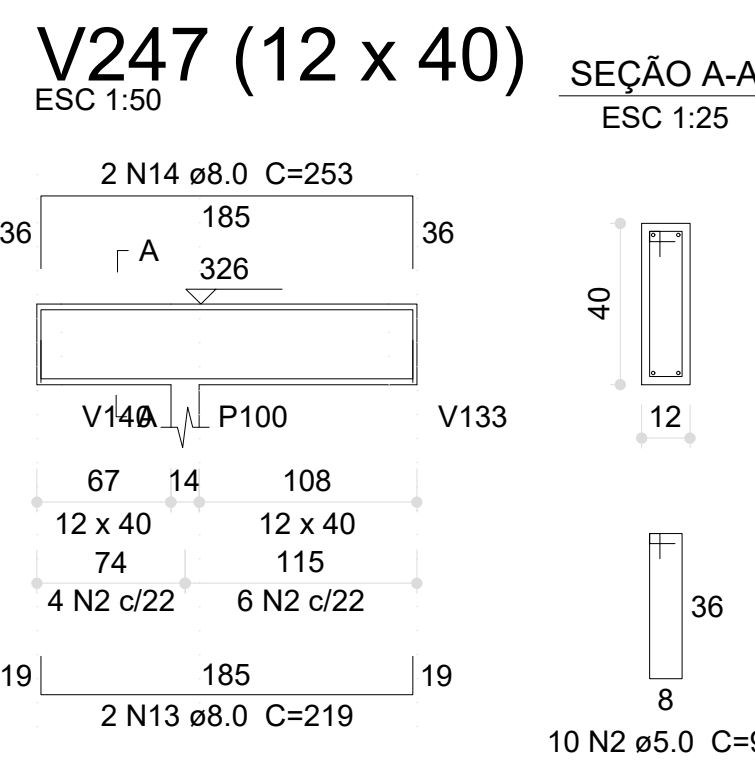
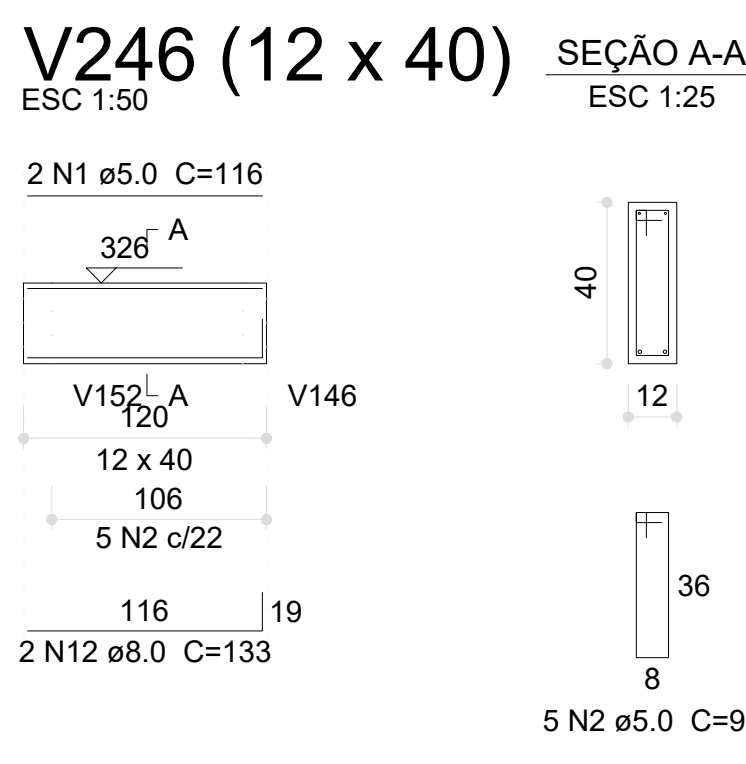


Relação do aço

V246	V247	V248
V249	V250	V251
V252	V253	V254
V255	V256	V257
V258	V259	V260
V261	V262	V263
V264	V265	V266
V267	V268	V269
V271	V272	VR3

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	116	232
	2	5.0	25	99	2475
	3	5.0	503	103	51809
	4	5.0	4	83	332
	5	5.0	4	150	600
	6	5.0	2	112	224
	7	5.0	2	113	226
	8	5.0	2	570	1140
	9	5.0	4	79	316
	10	5.0	10	75	750
CA50	11	8.0	4	138	552
	12	8.0	2	133	266
	13	8.0	2	119	438
	14	8.0	2	253	506
	15	8.0	2	631	1262
	16	8.0	2	685	1370
	17	8.0	2	285	570
	18	8.0	2	339	678
	19	8.0	2	663	1326
	20	8.0	2	132	264
	21	8.0	2	630	1260
	22	8.0	2	698	1396
	23	8.0	2	901	1802
	24	8.0	2	929	1858
	25	8.0	2	455	910
	26	8.0	2	113	226
	27	8.0	2	385	770
	28	8.0	2	405	810
	29	8.0	2	898	1796
	30	8.0	2	926	1852
	31	8.0	2	921	3684
	32	8.0	2	629	1258
	33	8.0	2	1198	2396
	34	8.0	2	422	844
	35	8.0	2	680	1360
	36	8.0	2	720	1440
	37	8.0	2	637	1274
	38	8.0	2	677	1354
	39	8.0	2	907	1814
	40	8.0	2	935	1870
	41	8.0	2	282	564
	42	8.0	2	350	700
	43	8.0	2	570	1140
	44	8.0	2	286	572
	45	8.0	2	340	680
	46	8.0	4	53	212
	47	8.0	4	77	308
	48	8.0	2	229	458
	49	8.0	2	263	526
	50	8.0	2	209	418
	51	8.0	2	226	452
	52	8.0	2	665	1330
	53	8.0	2	733	1466
	54	8.0	2	294	588
	55	8.0	2	334	668
	56	8.0	2	135	270
	57	8.0	2	169	338
	58	10.0	4	91	364
	59	10.0	2	415	830
	60	10.0	2	986	1936
	61	12.5	2	689	1378

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	473.1	186.7
	10.0	31.3	19.3
	12.5	13.8	13.3
CA60	5.0	586.6	90.4
PESO TOTAL (kg)			
CA50	219.2		
CA60	90.4		

VOLUME de concreto (C-30) = 6.26 m³
 Área de forma = 80.59 m²

03	JANEIRO/ 2023	Revisão geral da disciplina conforme a atualização da arquitetura. Redimensionamento dos elementos estruturais e acréscimo de elementos para adequação da arquitetura. Atendimento a NBR 6118/2014 e NBR 6122/2019.
02	JANEIRO/ 2017	Atendimento à NBR 9060/2015. Alteração: quadro de áreas, fechamento frontal, sanitários 1 e 2, altura da platibanda, mobiliário e equipamento, altura da cerâmica nos sanitários, cor dos portais dos solários e altura da porta PA4. Acréscimo: grade e quadros de cargas no canteiro de água, de duchas higiênicas e escaninhos pré-escola.
01	JULHO/ 2016	Alteração paredes - shaft para tubulação hidráulica e detalhamento; alteração da altura da platibanda.
DATA DE EMISSÃO		DATA
Nº CONTROLE DE EMISSÕES		DESCRIÇÃO