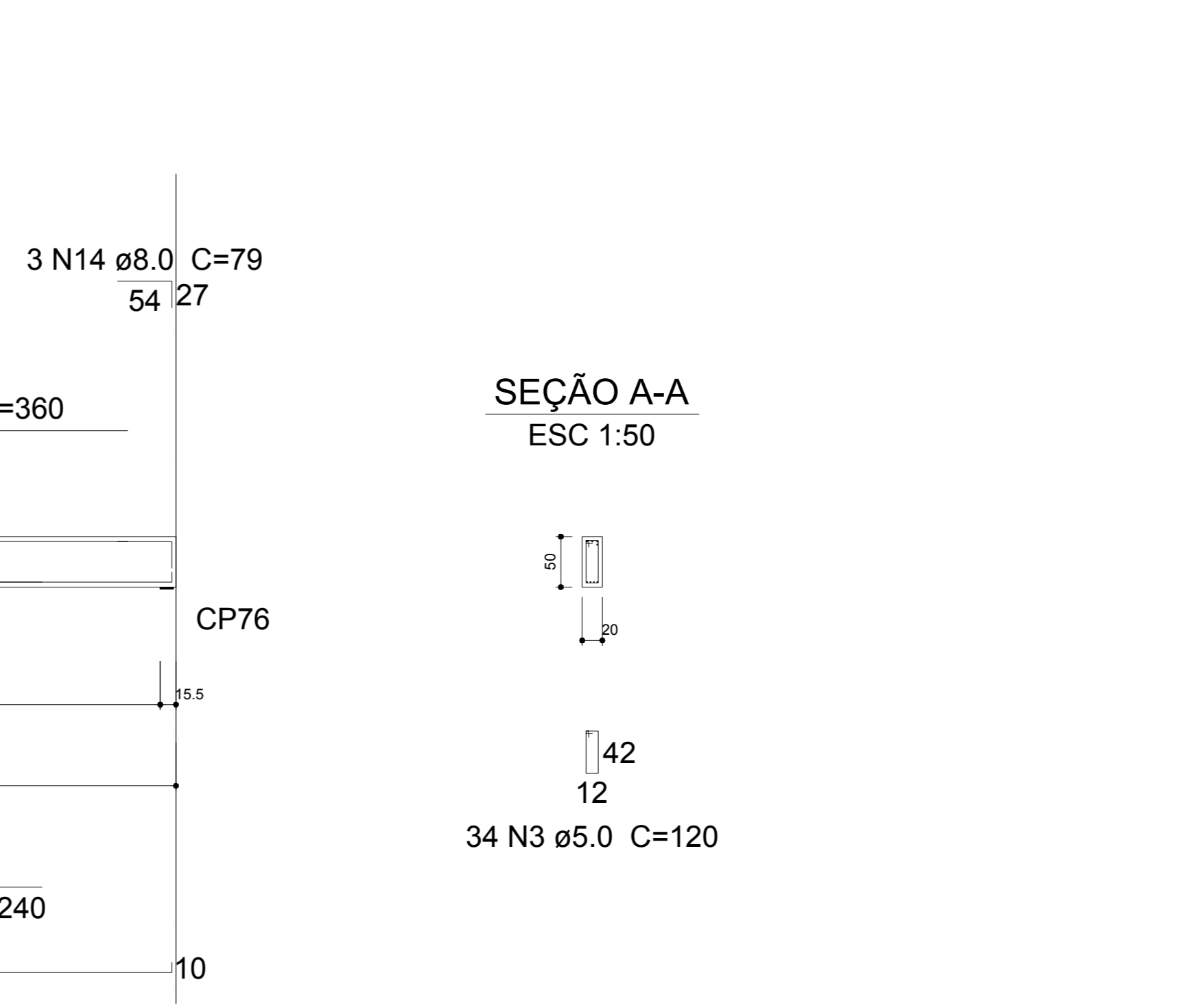
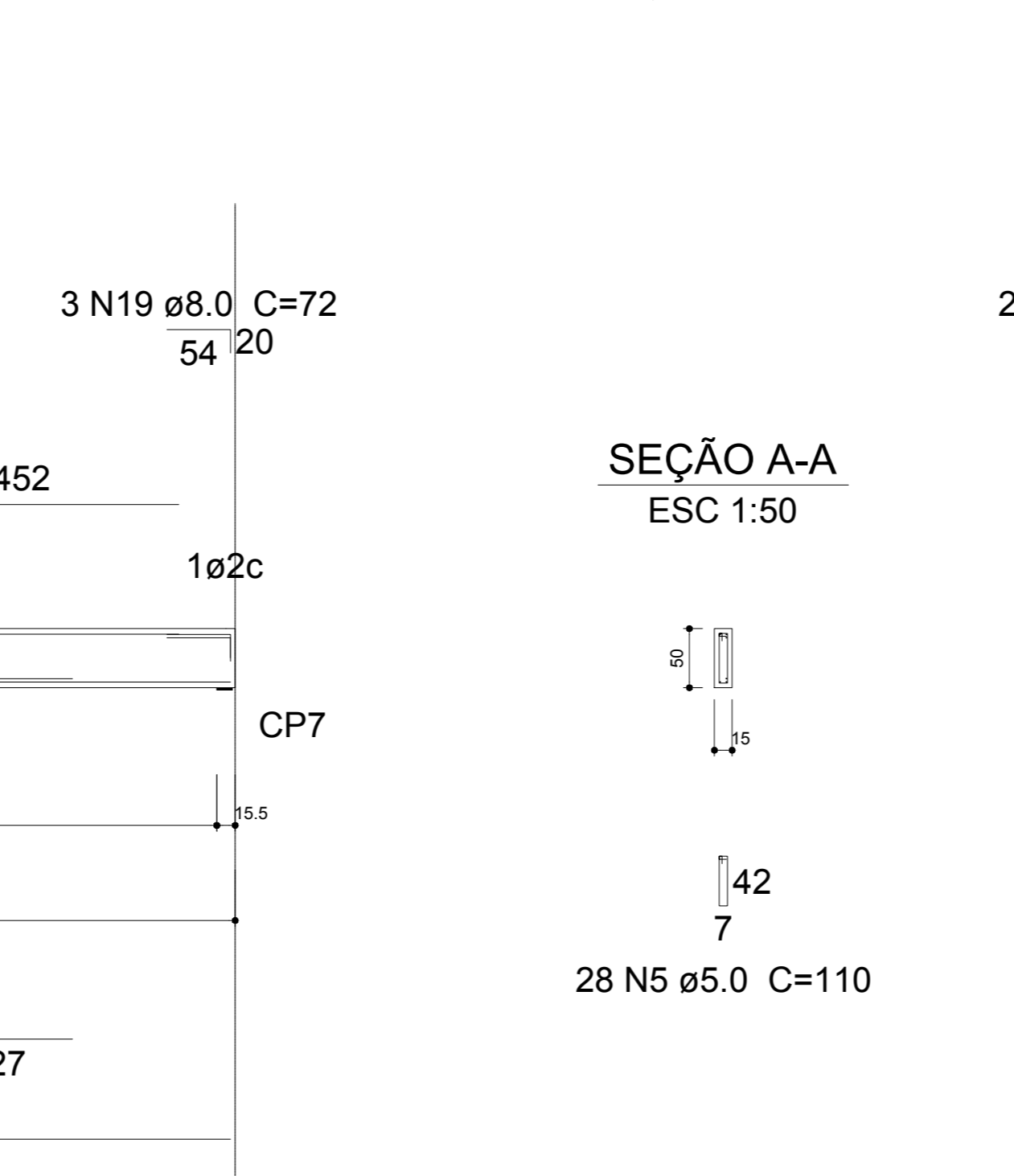
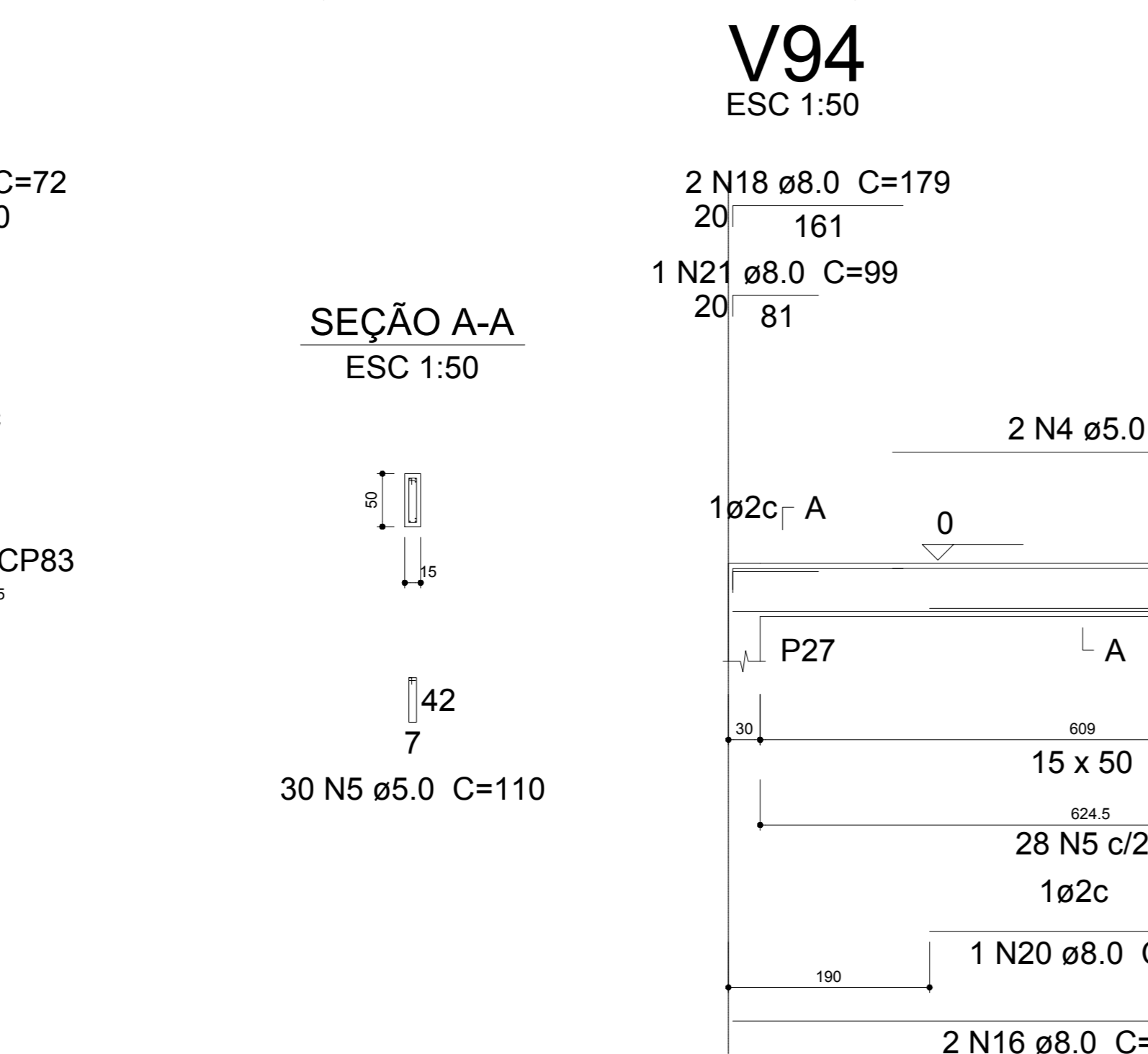
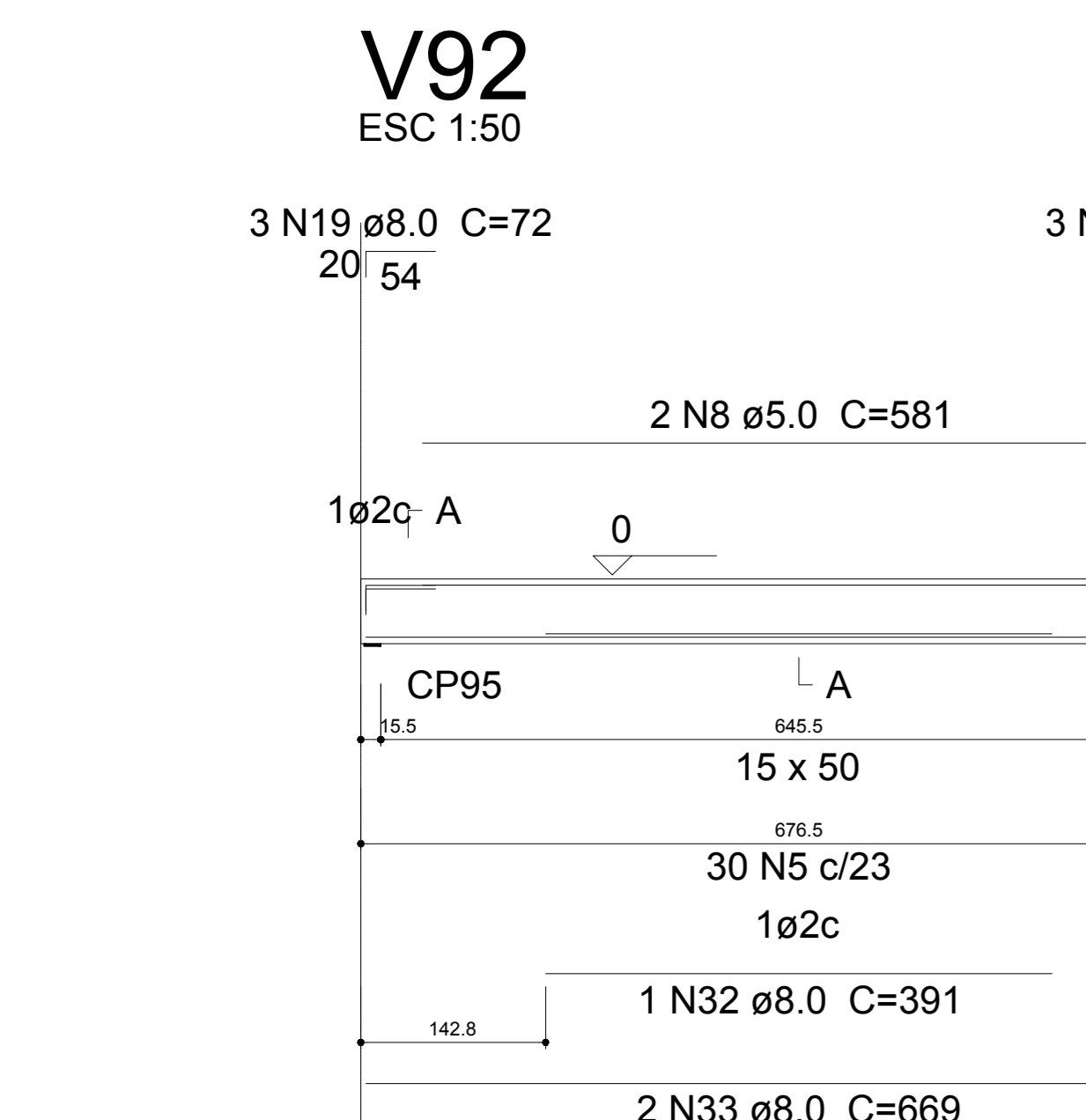
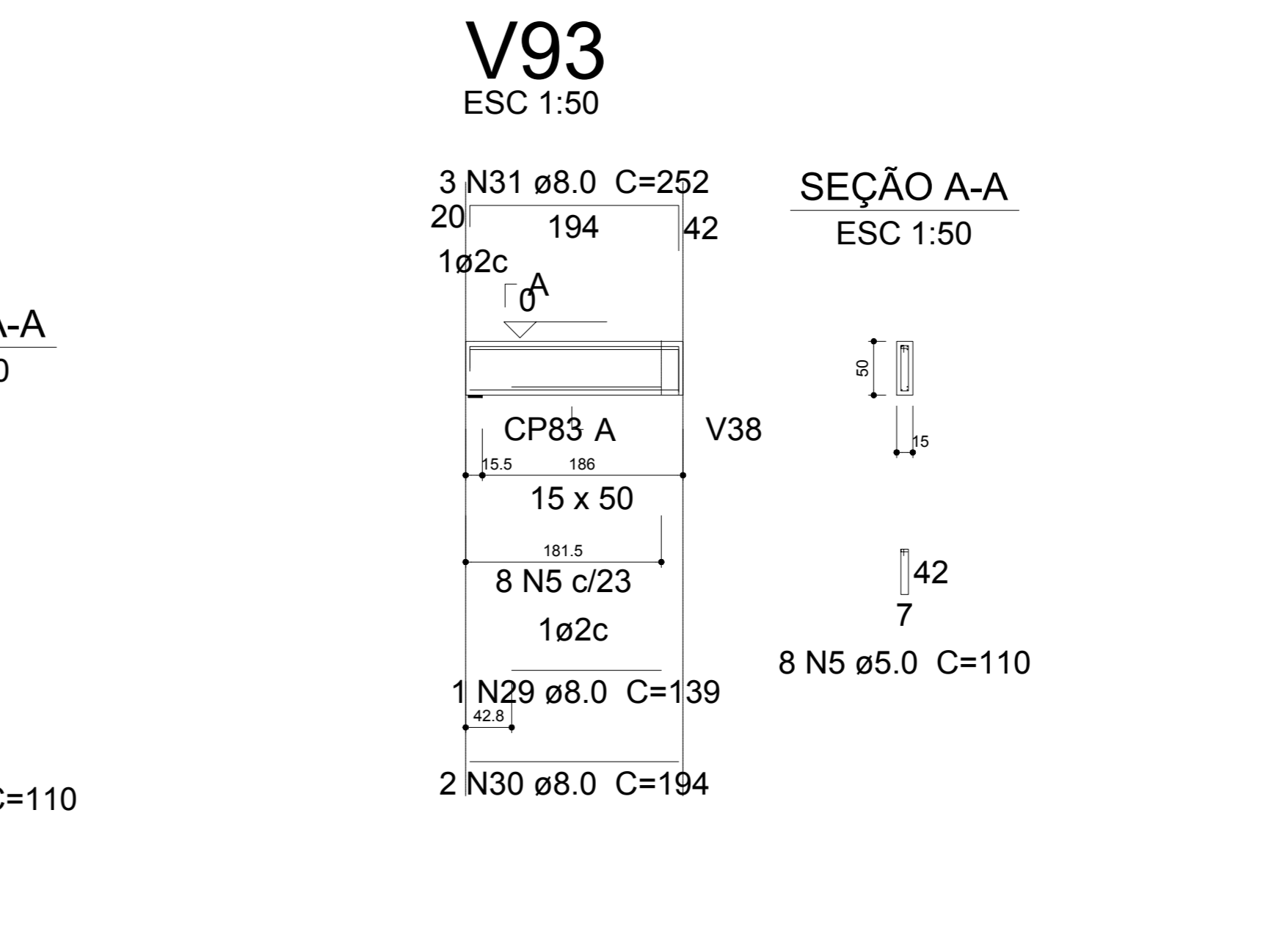
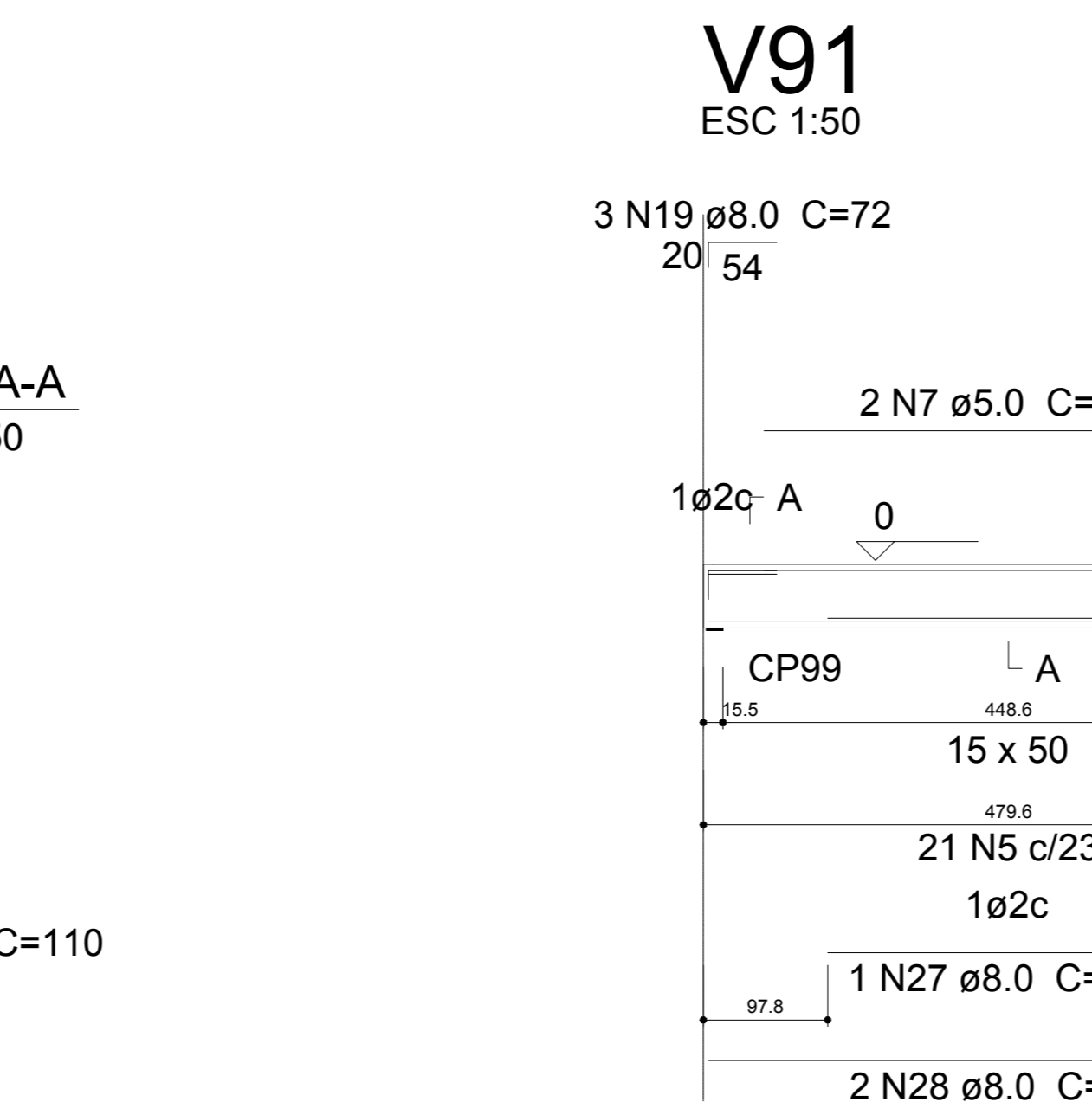
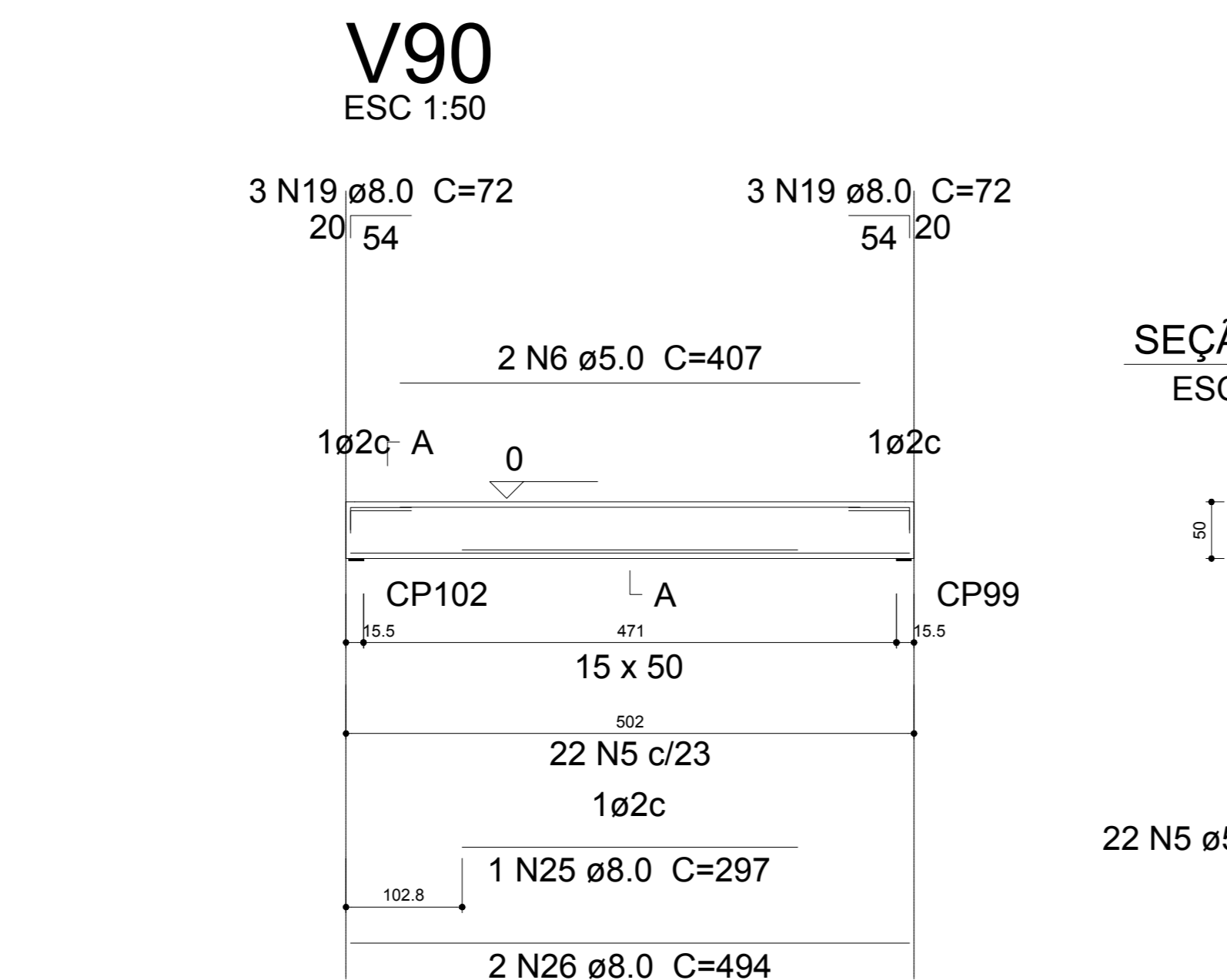
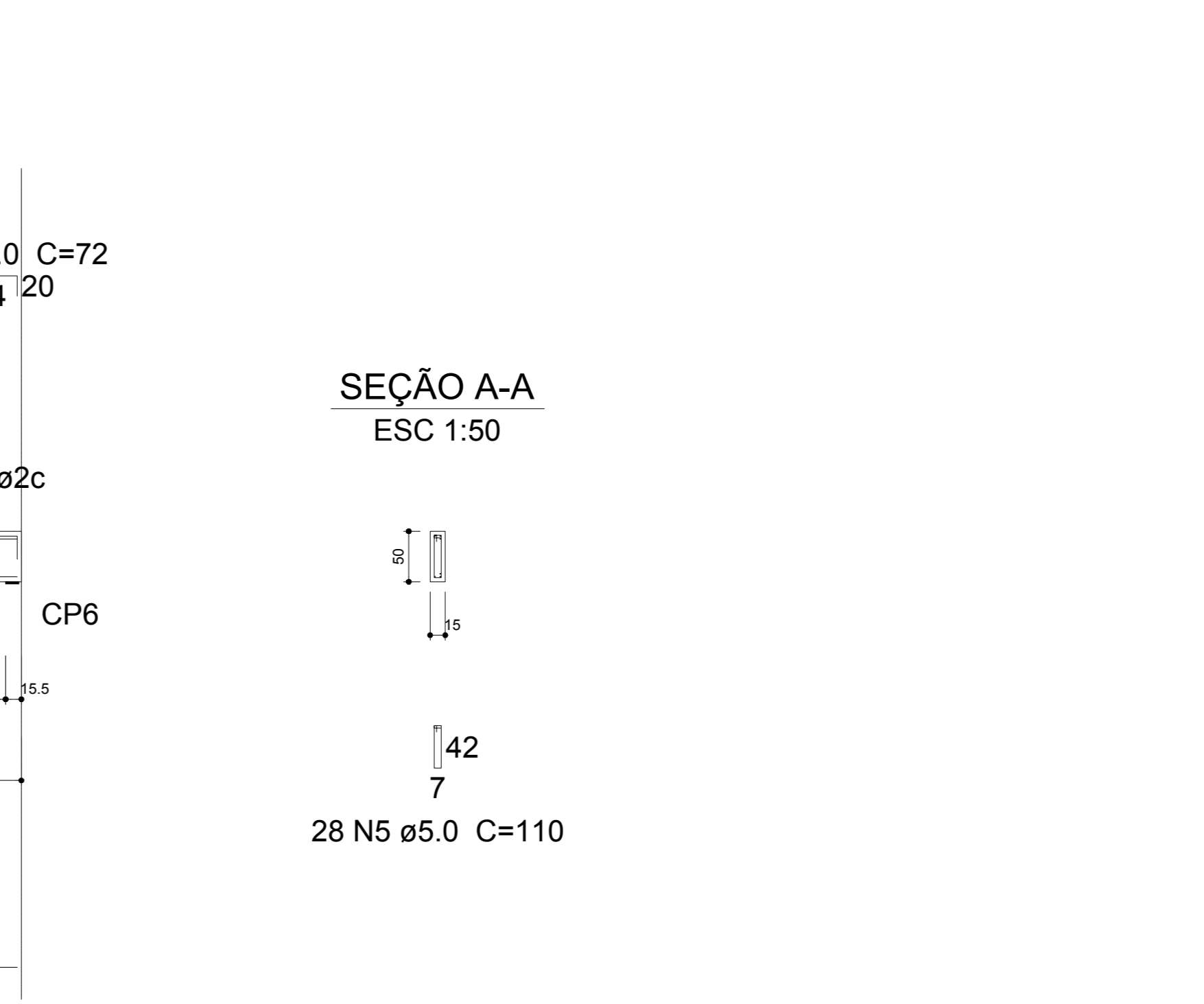
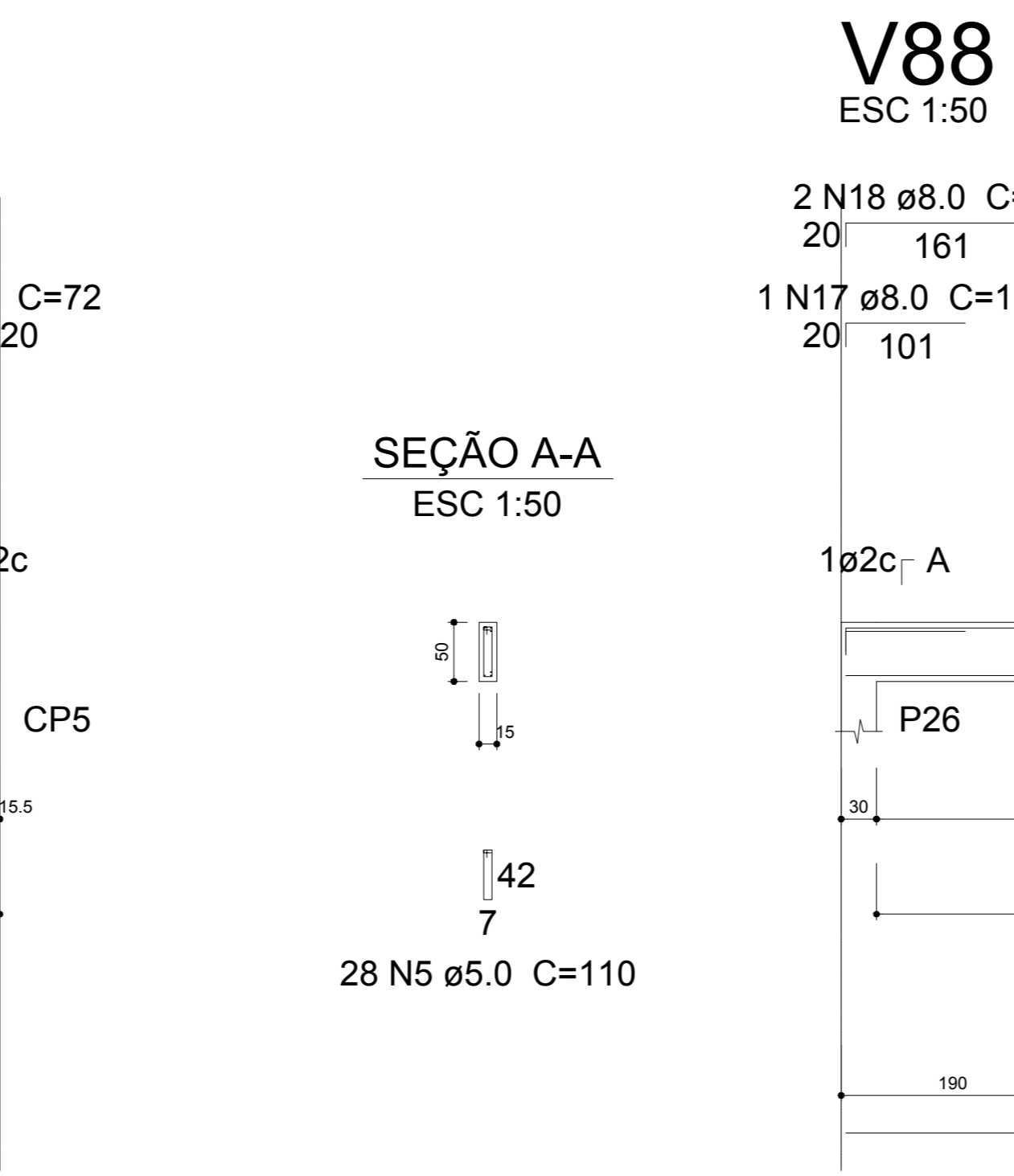
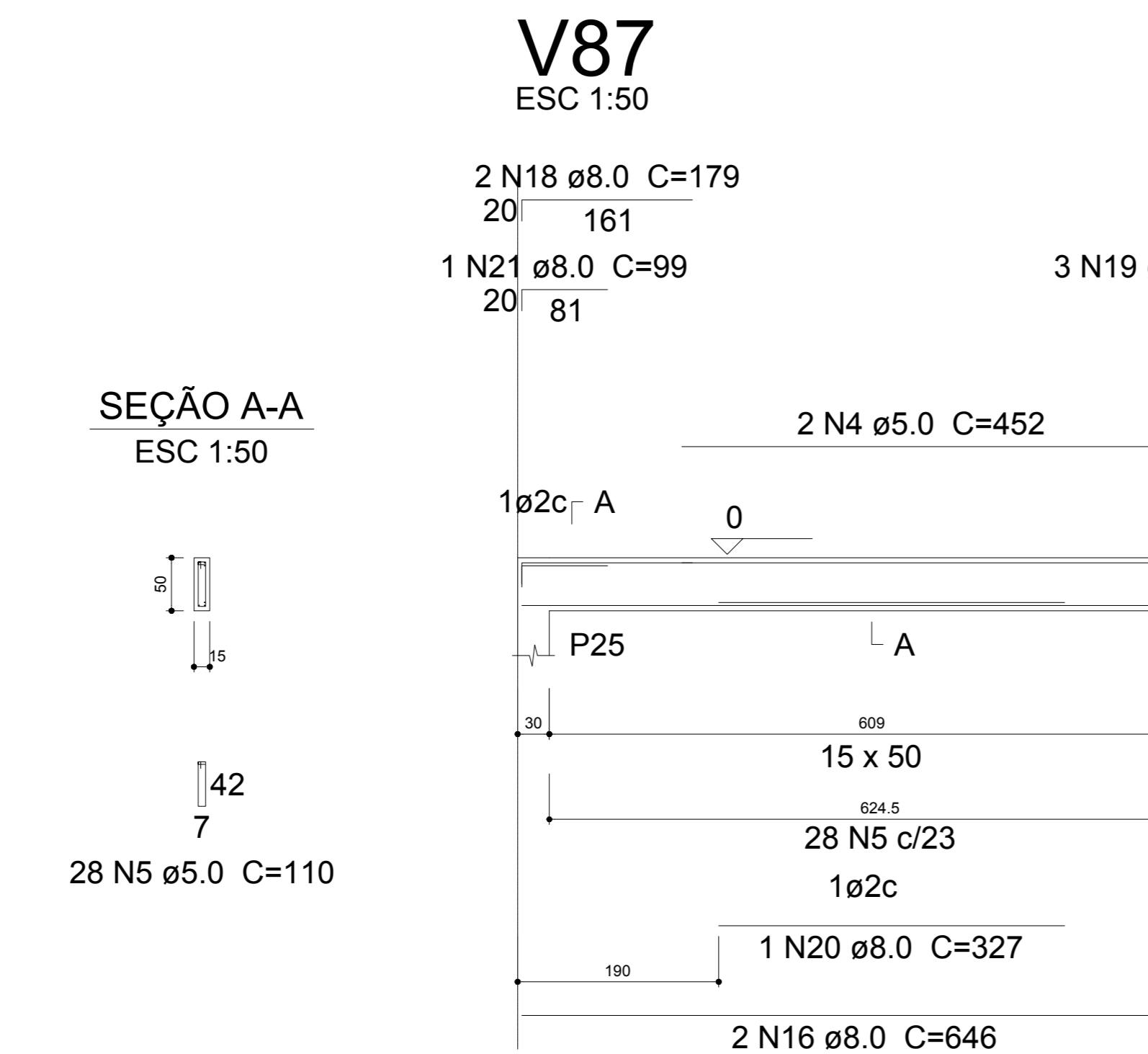
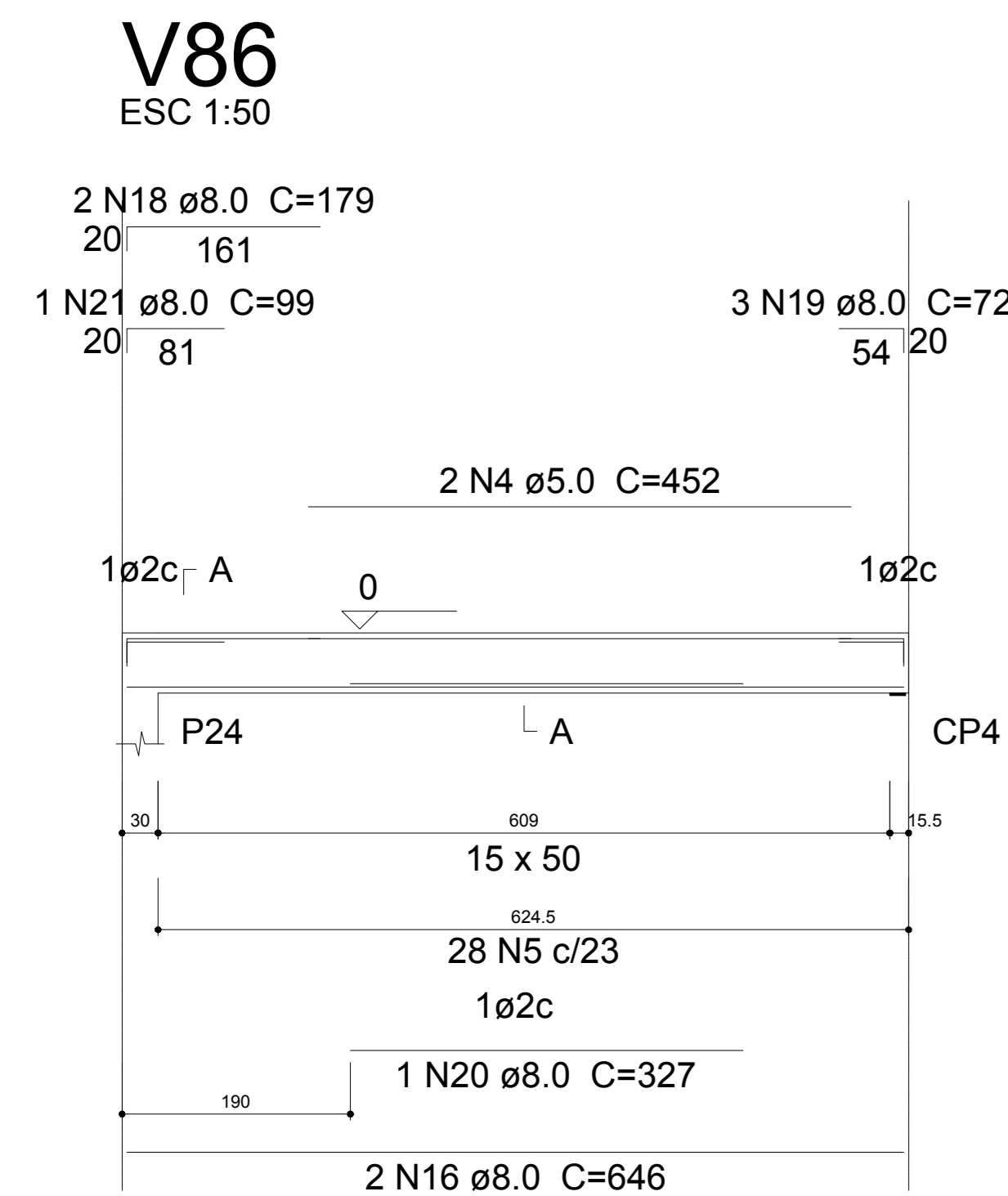


Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	21	90	1890
	2	5.0	2	400	800
	3	5.0	64	120	7680
	4	5.0	12	452	5424
	5	5.0	255	110	28050
	6	5.0	2	407	814
	7	5.0	2	384	768
	8	5.0	2	581	1162
	9	5.0	2	360	720
CA50	10	8.0	2	492	984
	11	8.0	2	522	1044
	12	8.0	1	245	245
	13	8.0	2	487	974
	14	8.0	9	79	711
	15	8.0	1	322	322
	16	8.0	12	646	7752
	17	8.0	2	119	238
	18	8.0	12	179	2148
	19	8.0	36	72	2592
	20	8.0	5	327	1635
	21	8.0	4	99	396
	22	8.0	1	61	61
	23	8.0	2	124	248
	24	8.0	3	160	480
	25	8.0	1	297	297
	26	8.0	2	494	988
	27	8.0	1	284	284
	28	8.0	2	472	944
	29	8.0	1	139	139
	30	8.0	2	194	388
	31	8.0	3	252	756
	32	8.0	1	391	391
	33	8.0	2	669	1338
	34	8.0	1	240	240
	35	8.0	3	613	1839
	36	10.0	2	131	262
	37	10.0	2	211	422



Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	274.4	119.1
CA60	10.0	6.9	4.6
CA60	5.0	473.1	80.2
PESO TOTAL (kg)			
CA50		123.7	
CA60		80.2	

Volume de concreto (C-35) = 5.85 m³
Área de forma = 86.1 m²

Rua Primo Tacca, 350, Bairro Tacca - Jaraguá - SC
E-mail: engenharia.engeobra@gmail.com - Tel: (49) 9 9576-0228

OBRA: GINÁSIO SANTA TEREZINHA

LOCAL: Rua Achilles Biassotto, s/n, Bairro Guarany - Xaxim - SC

PROJETO: PROJETO ESTRUTURAL

ESPECIFICAÇÕES: - Vigas baldrame	DATA: 07/2021	DESENHO: T.L
	ÁREA: 3.544,73 m²	PRANCHA: 10 / 27
	ESCALA: Indicada	

Projeto: _____ Proprietário: _____

SAMUEL SPSSASSATO OUTEIRO
Engº Civil - CREA SC 133319-7

PREFEITURA MUNICIPAL DE XAXIM
CNPJ: 82.854.670/0001-30