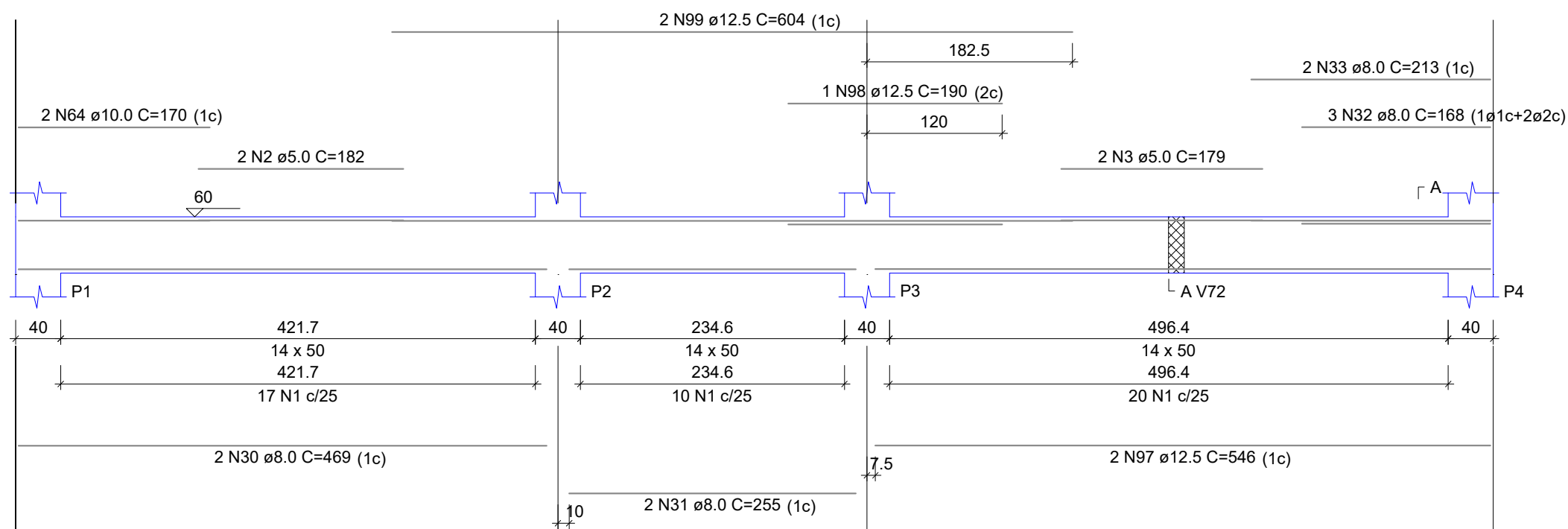
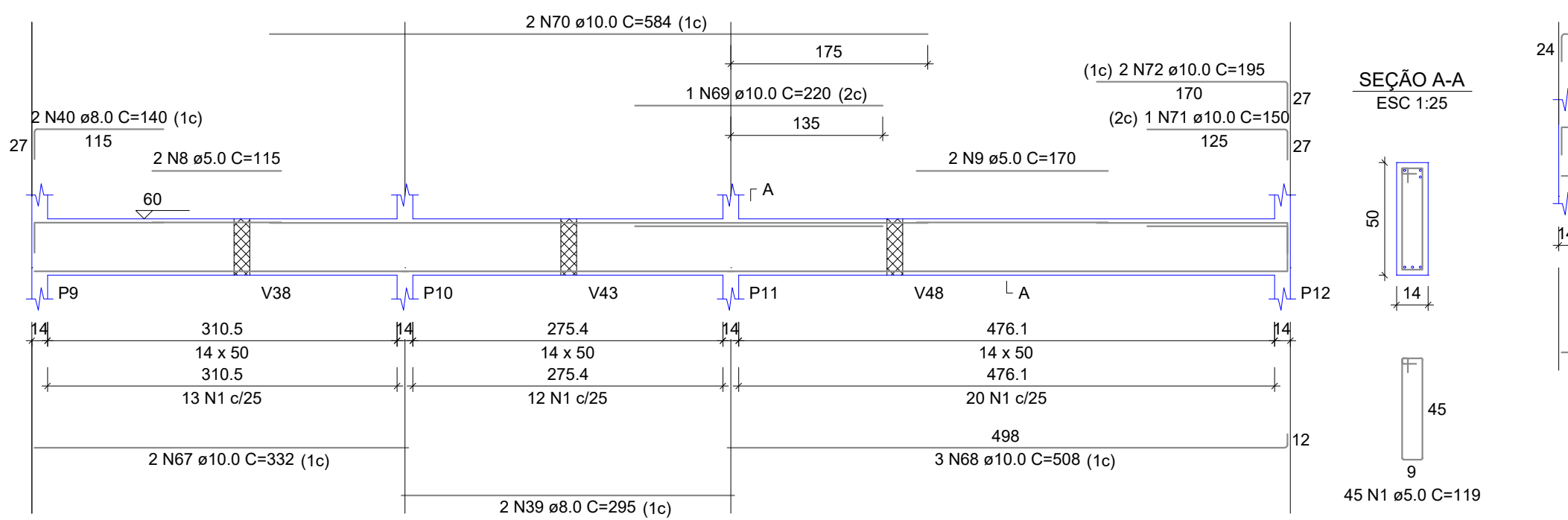
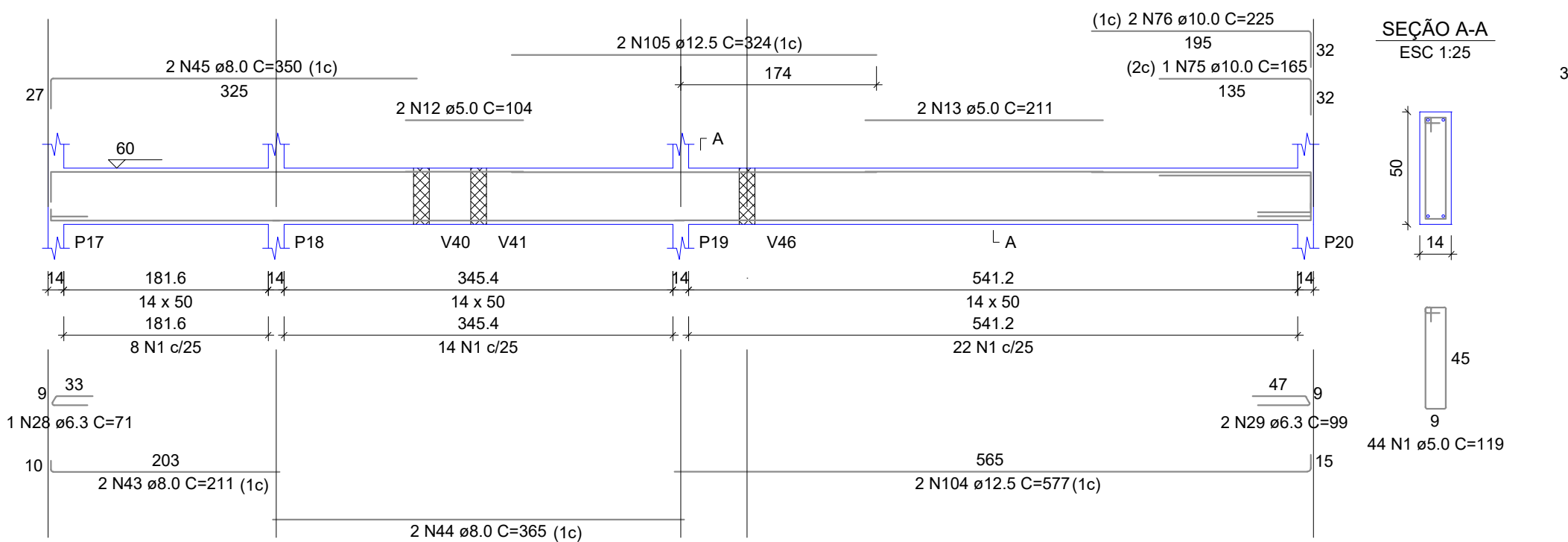
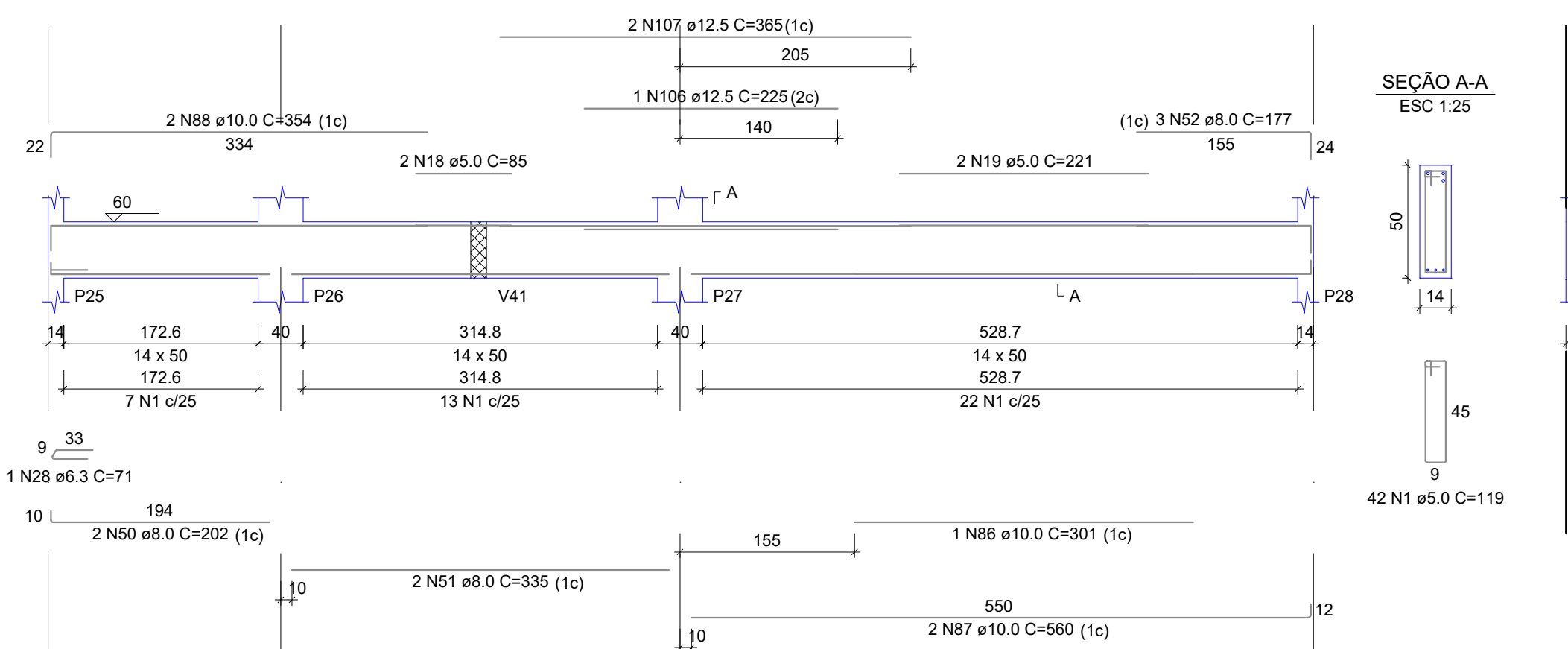
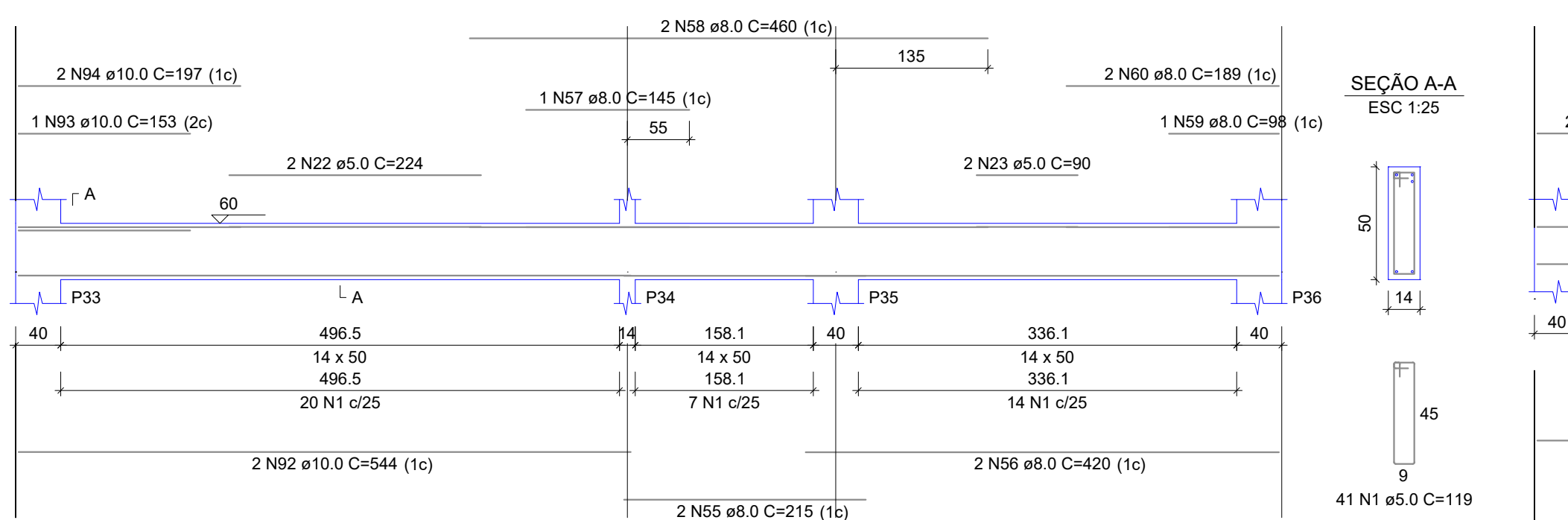
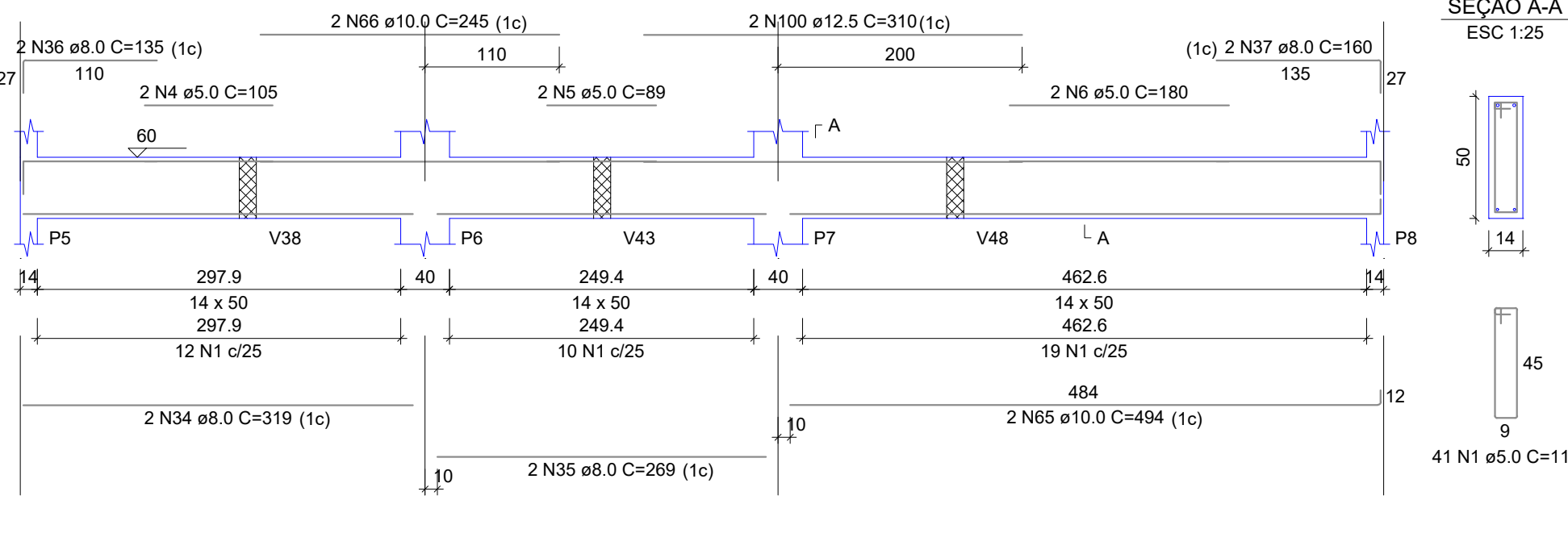
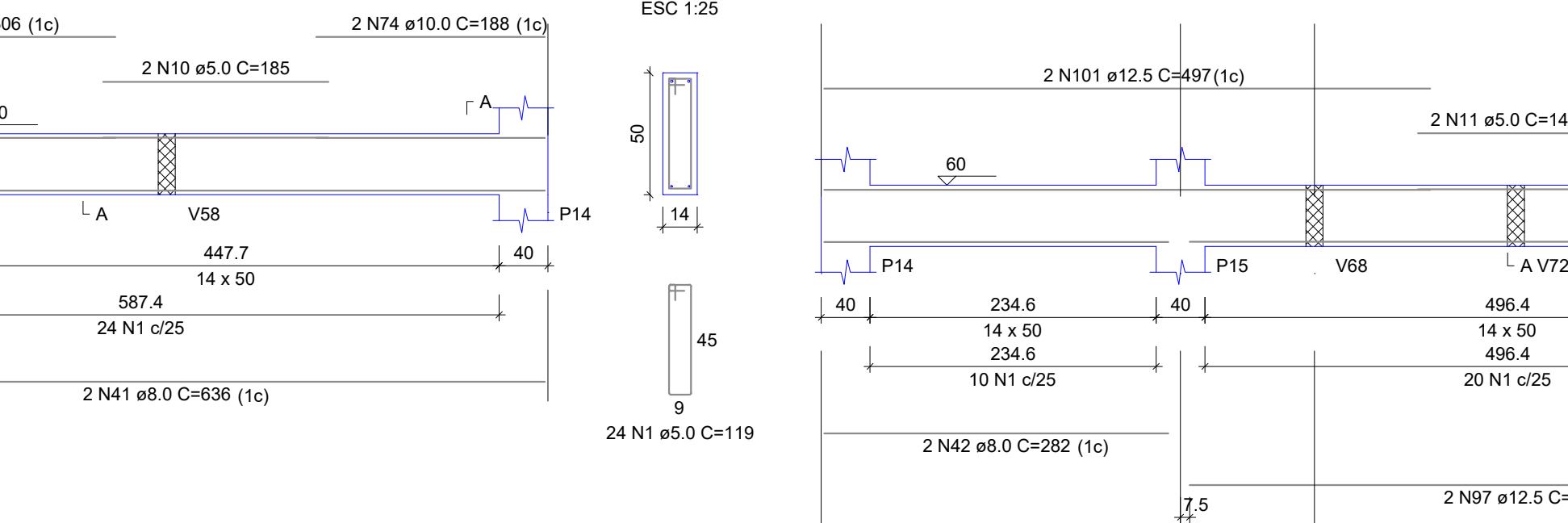
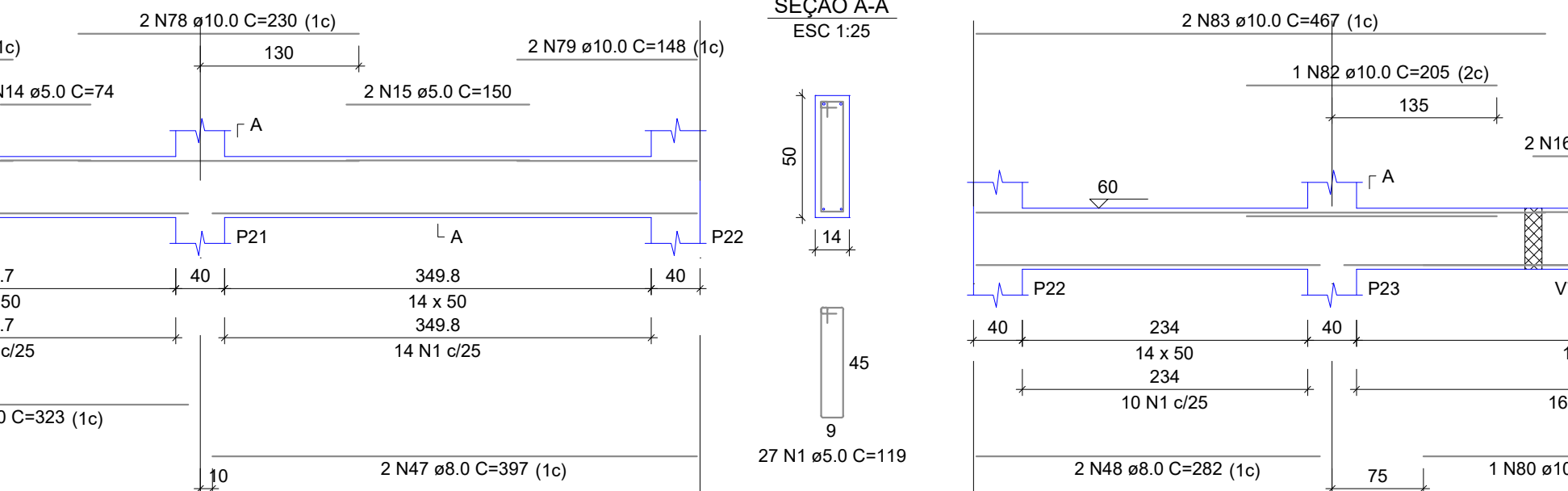
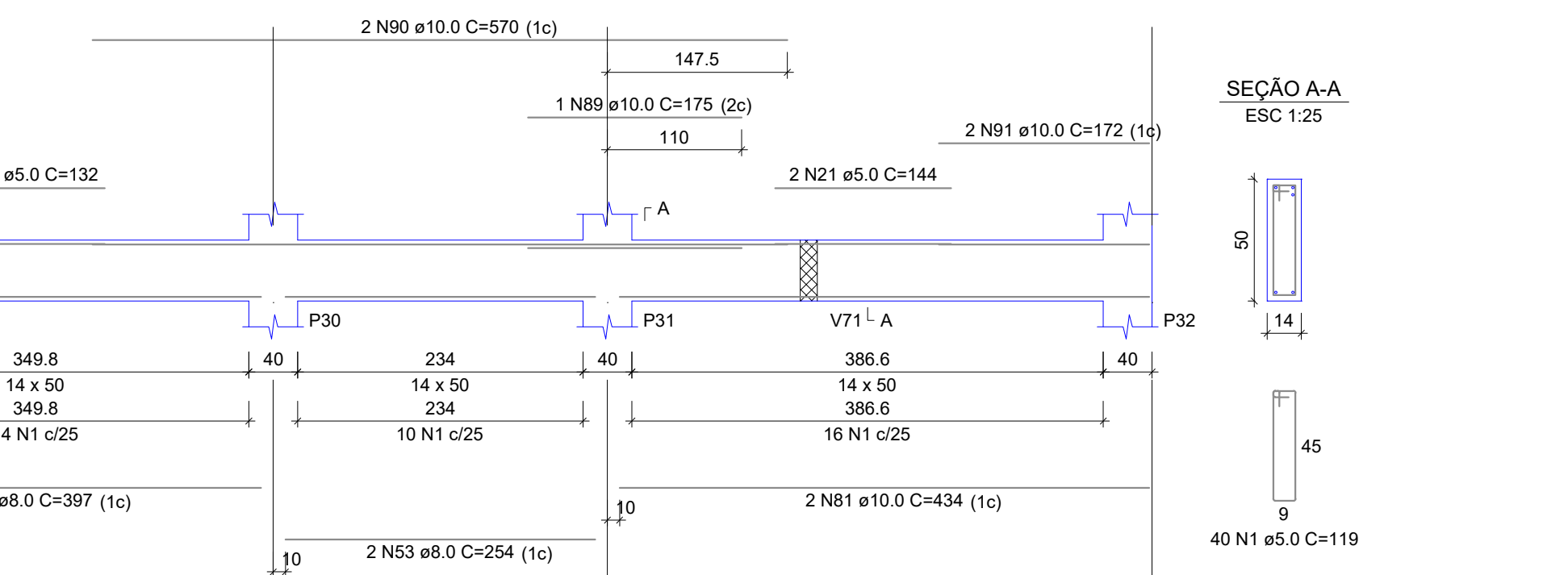
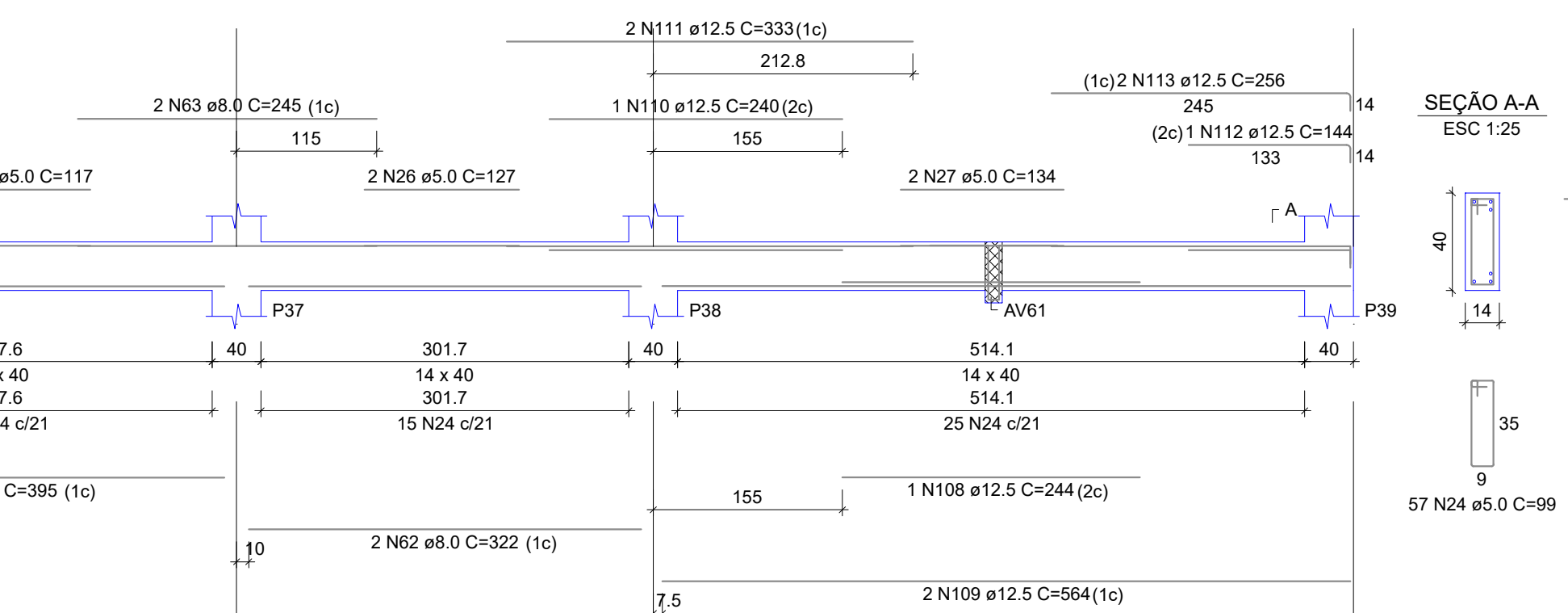
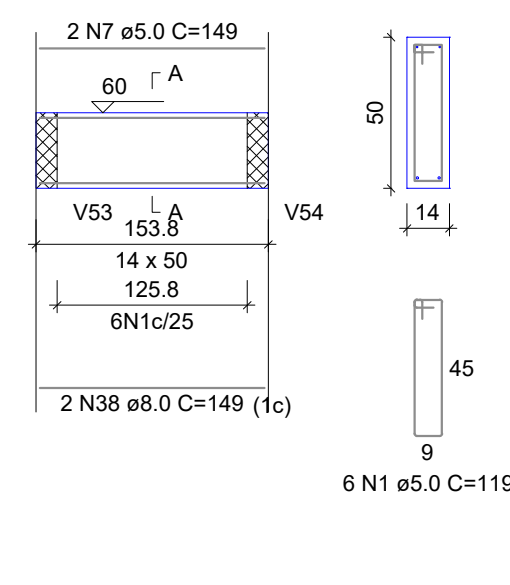
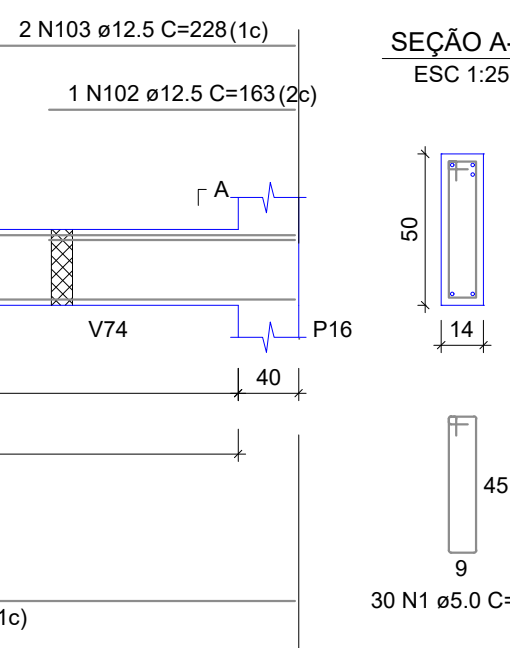
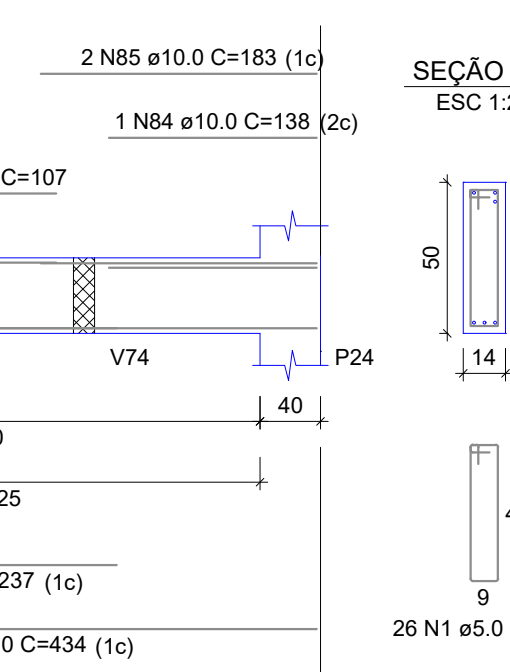
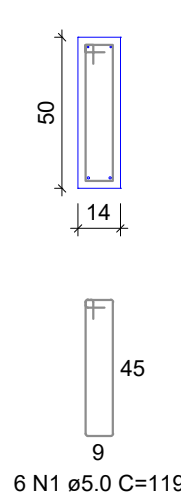
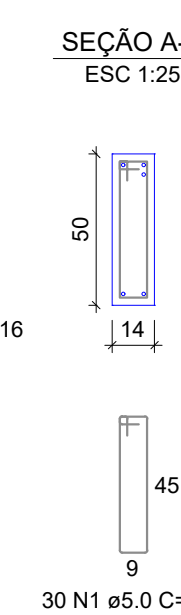
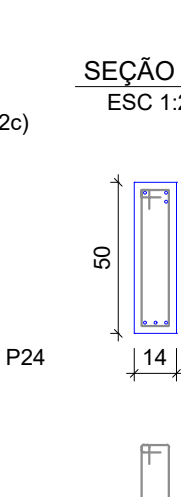
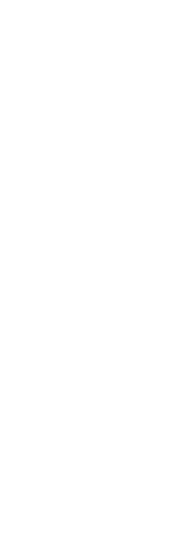


V1
ESC 1:50V4
ESC 1:50V7
ESC 1:50V11
ESC 1:50V13
ESC 1:50V2
ESC 1:50V5
ESC 1:50V8
ESC 1:50V12
ESC 1:50V14
ESC 1:50V3
ESC 1:50V6
ESC 1:50V9
ESC 1:50V10
ESC 1:50SEÇÃO A-A
ESC 1:25SEÇÃO A-A
ESC 1:25SEÇÃO A-A
ESC 1:25SEÇÃO A-A
ESC 1:25SEÇÃO A-A
ESC 1:25SEÇÃO A-A
ESC 1:25SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	420	119	49980
	2	5.0	2	152	304
	3	5.0	2	179	358
	4	5.0	2	105	210
	5	5.0	2	89	178
	6	5.0	2	180	360
	7	5.0	2	149	298
	8	5.0	2	115	230
	9	5.0	2	170	340
	10	5.0	2	185	370
	11	5.0	2	142	284
	12	5.0	2	104	208
	13	5.0	2	150	300
	14	5.0	2	74	148
	15	5.0	2	107	214
	16	5.0	2	174	348
	17	5.0	2	85	170
	18	5.0	2	221	442
	19	5.0	2	132	264
	20	5.0	2	144	288
	21	5.0	2	224	448
	22	5.0	2	90	180
	23	5.0	57	90	5130
	24	5.0	2	117	234
	25	5.0	2	127	254
	26	5.0	2	134	268
	27	5.0	2	71	142
	28	6.3	2	95	190
	29	6.3	2	255	510
	30	8.0	2	168	336
	31	8.0	2	469	938
	32	8.0	2	255	510
CA50	33	8.0	2	213	426
	34	8.0	2	319	638
	35	8.0	2	269	538
	36	8.0	2	135	270
	37	8.0	2	160	320
	38	8.0	2	149	298
	39	8.0	2	295	590
	40	8.0	2	140	280
	41	8.0	2	636	1272
	42	8.0	2	282	564
	43	8.0	2	211	422
	44	8.0	2	365	730
	45	8.0	2	350	700
	46	8.0	2	323	646
	47	8.0	4	397	1588
	48	8.0	2	282	564
	49	8.0	2	174	348
	50	8.0	2	202	404
	51	8.0	2	335	670
	52	8.0	3	177	531
	53	8.0	2	254	508
	54	8.0	2	148	296
	55	8.0	2	215	430
	56	8.0	2	420	840
	57	8.0	1	145	145
	58	8.0	2	460	920
	59	8.0	1	98	98
	60	8.0	2	189	378
	61	8.0	2	395	790
	62	8.0	2	322	644
	63	8.0	2	245	490
	64	10.0	2	170	340
	65	10.0	2	404	808
	66	10.0	2	245	490
	67	10.0	2	332	664
	68	10.0	2	508	1016
	69	10.0	1	220	220
	70	10.0	1	594	1188
	71	10.0	1	150	150
	72	10.0	2	195	390
	73	10.0	2	306	612
	74	10.0	2	188	376
	75	10.0	1	165	165
	76	10.0	2	225	450
	77	10.0	2	208	416
	78	10.0	2	230	460
	79	10.0	2	145	290
	80	10.0	1	237	237
	81	10.0	4	434	1736
	82	10.0	1	205	205
	83	10.0	2	467	934
	84	10.0	1	138	138
	85	10.0	2	183	366
	86	10.0	1	301	301
	87	10.0	2	560	1120
	88	10.0	2	354	708
	89	10.0	2	175	350
	90	10.0	2	570	1140
	91	10.0	2	172	344
	92	10.0	2	544	1088
	93	10.0	1	153	153
	94	10.0	2	197	394
	95	10.0	2	179	358
	96	10.0	1	186	186
	97	12.5	4	546	2184
	98	12.5	1	190	190
	99	12.5	2	604	1208
	100	12.5	2	310	620
	101	12.5	2	497	994
	102	12.5	1	163	163
	103	12.5	2	228	456
	104	12.5	2	577	1154
	105	12.5	2	324	648
	106	12.5	1	225	225
	107	12.5	2	365	730
	108	12.5	1	244	244
	109	12.5	2	564	1128
	110	12.5	1	240	240
	111	12.5	2	333	666
	112	12.5	1	144	144
	113	12.5	2	256	512

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO ± 10% (kg)
CA50	8.3	3.4	0.9
	8.0	192.9	83.7
	10.0	182.9	124.1
	12.5	115.1	121.8
CA60	5.0	628	106.5
	PESO TOTAL (kg)		
CA50	330.6		
CA60	106.5		

Volume de concreto (C-30) = 7.74 m³
Área de forma = 105.46 m²