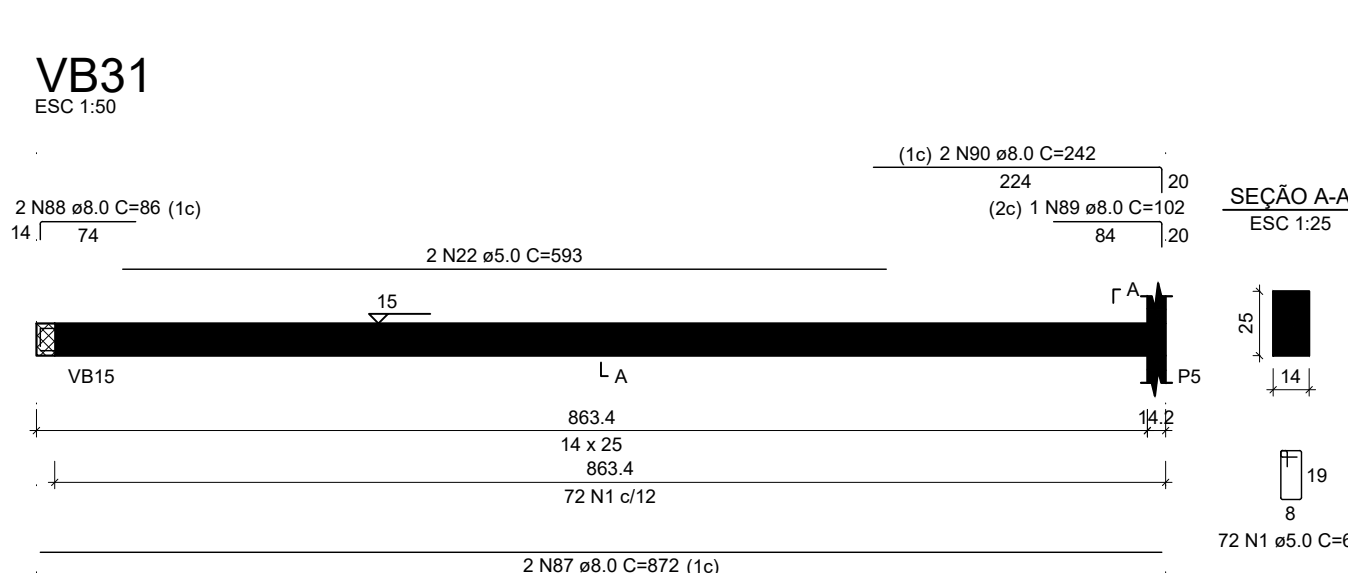
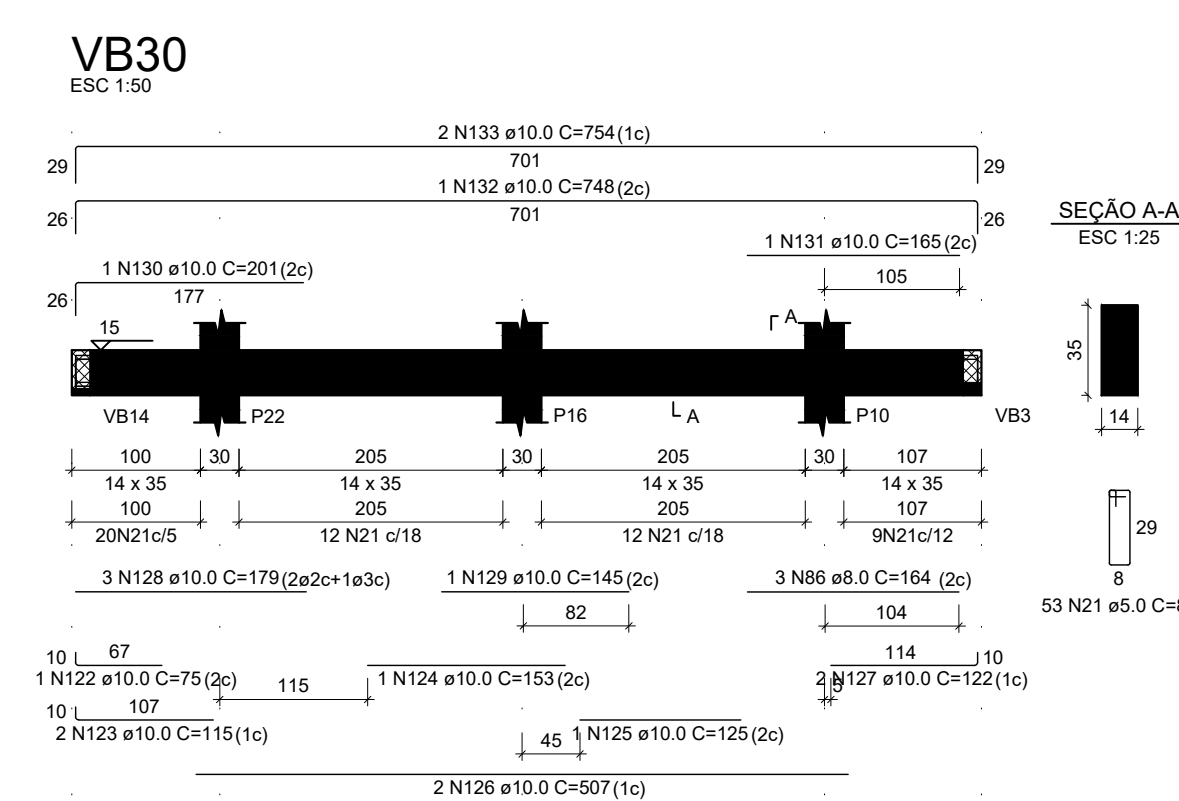
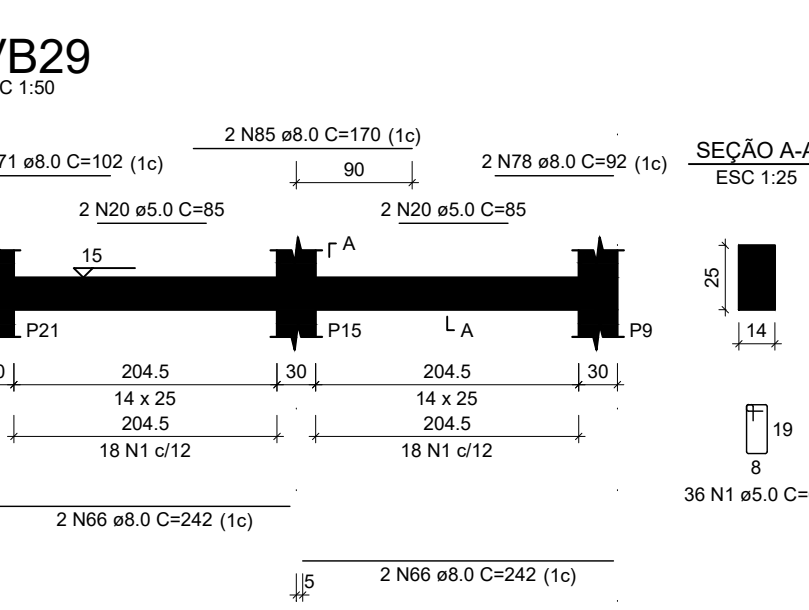
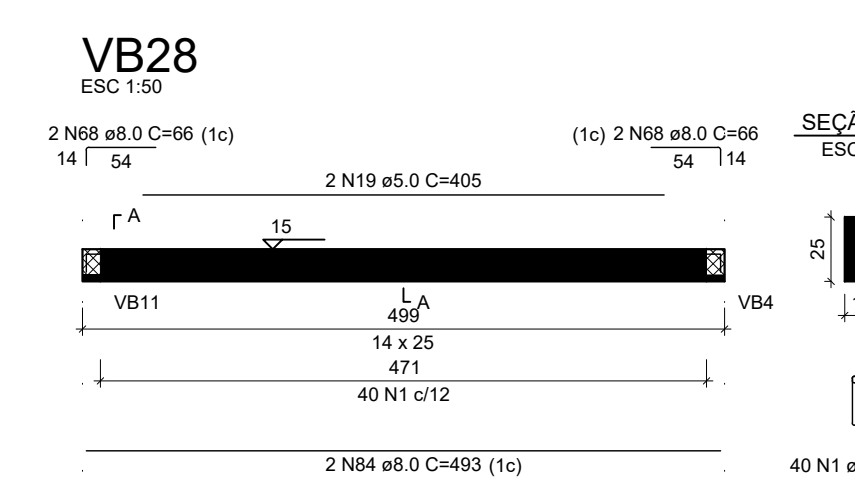
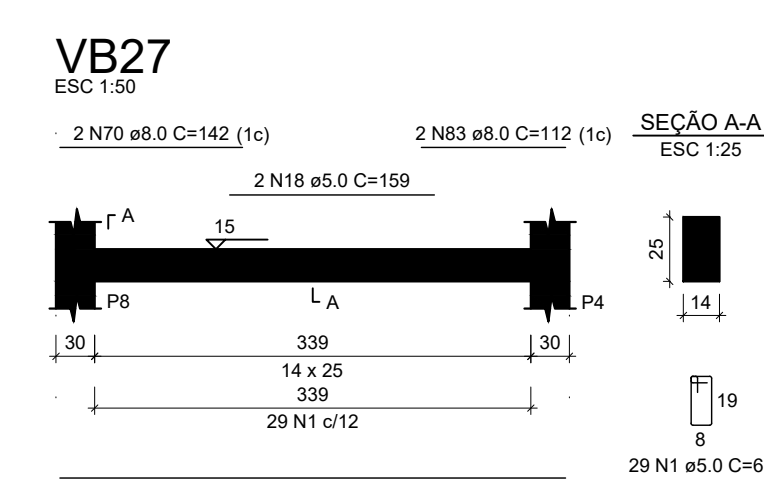
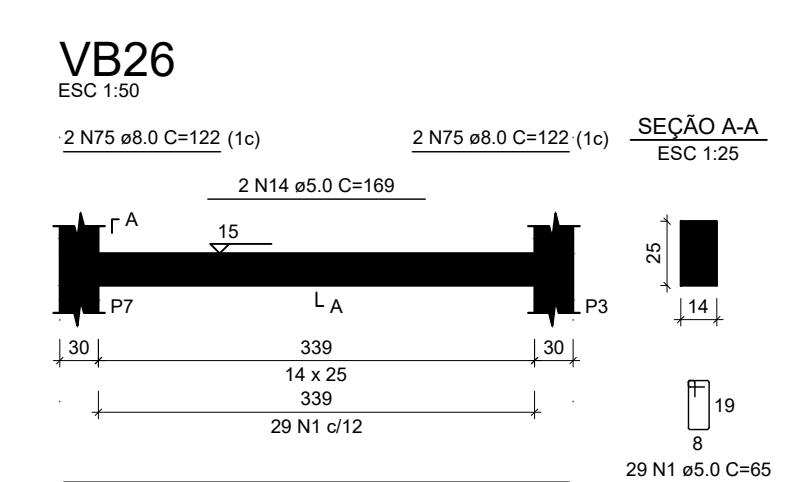
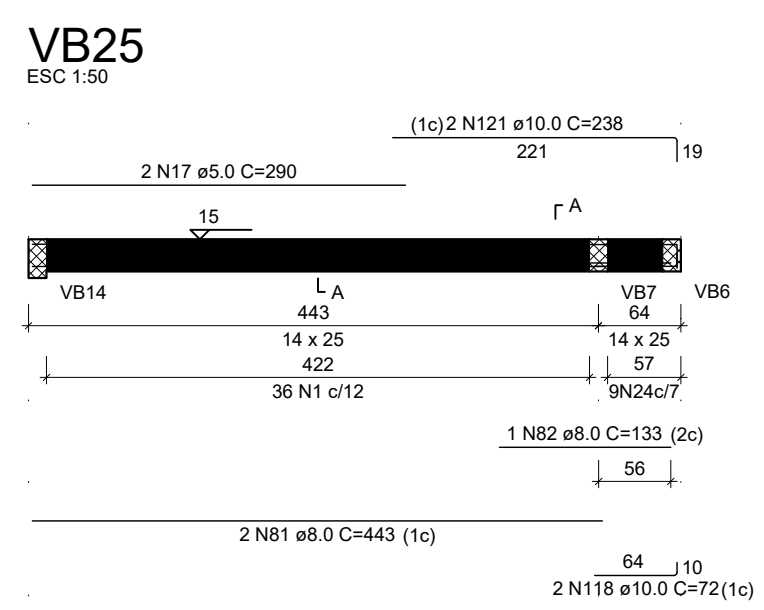
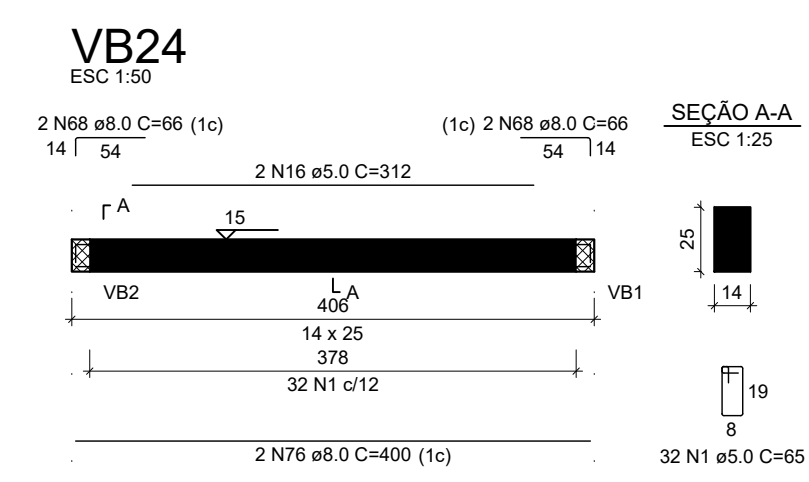
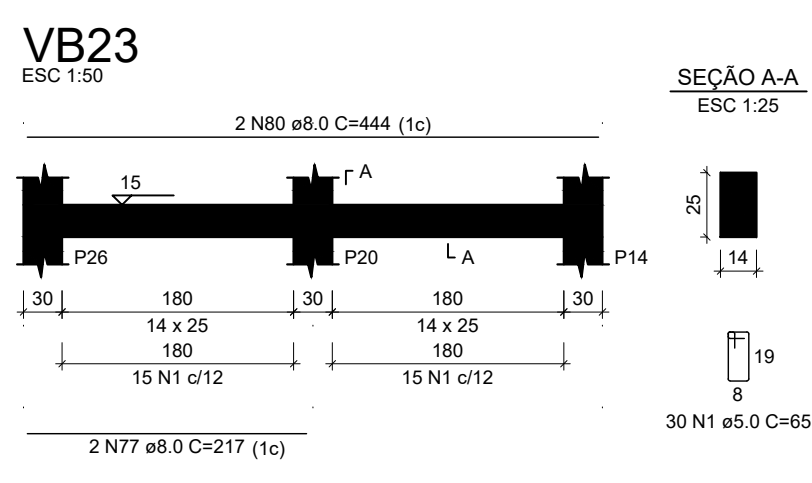
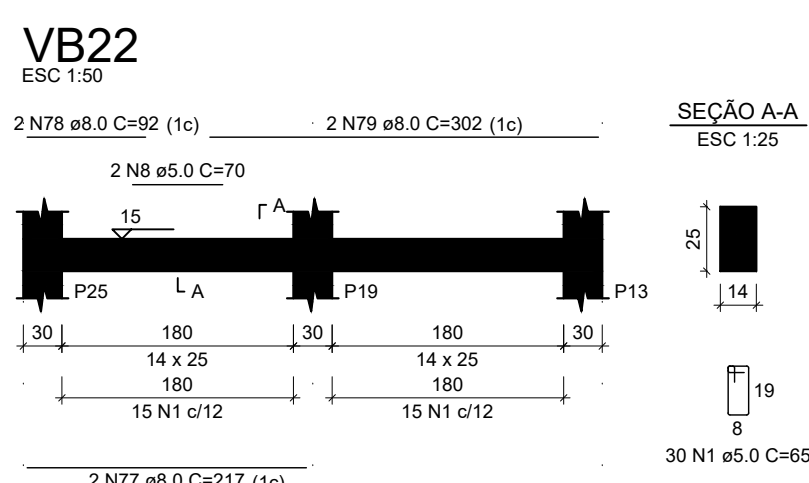
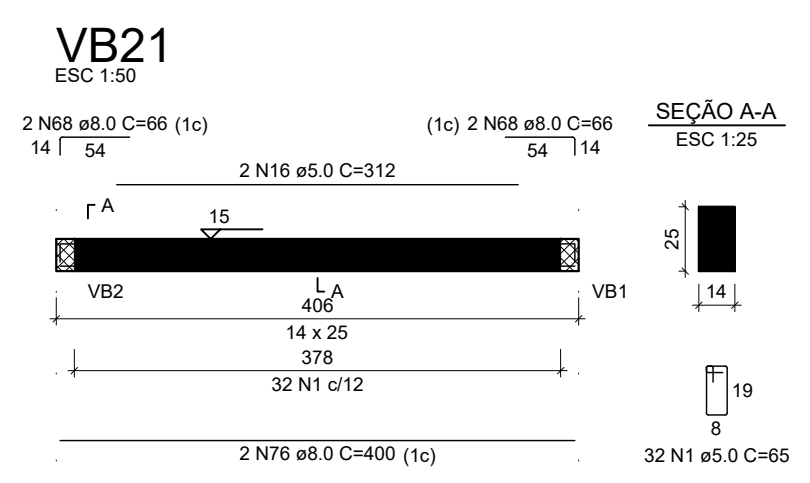
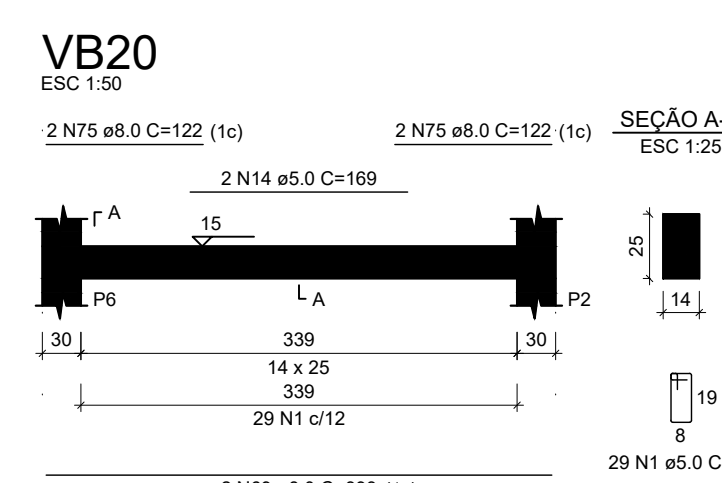
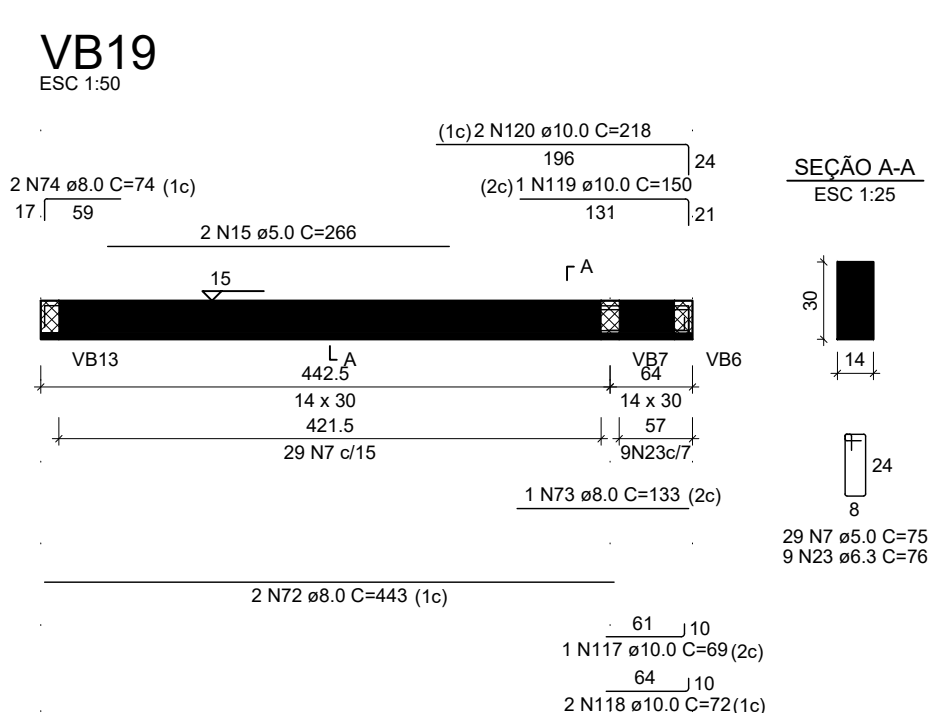
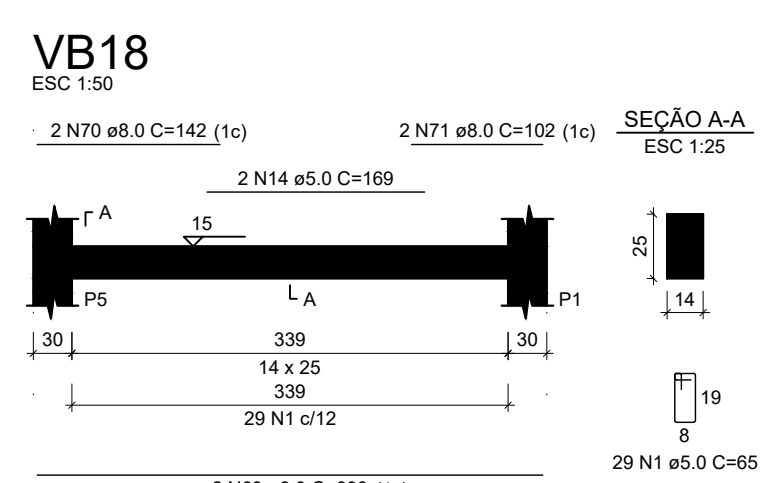
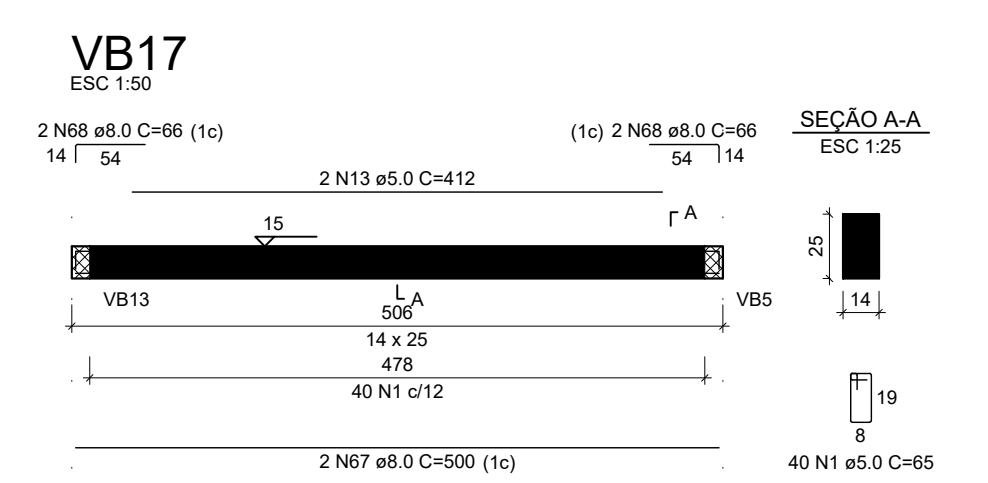
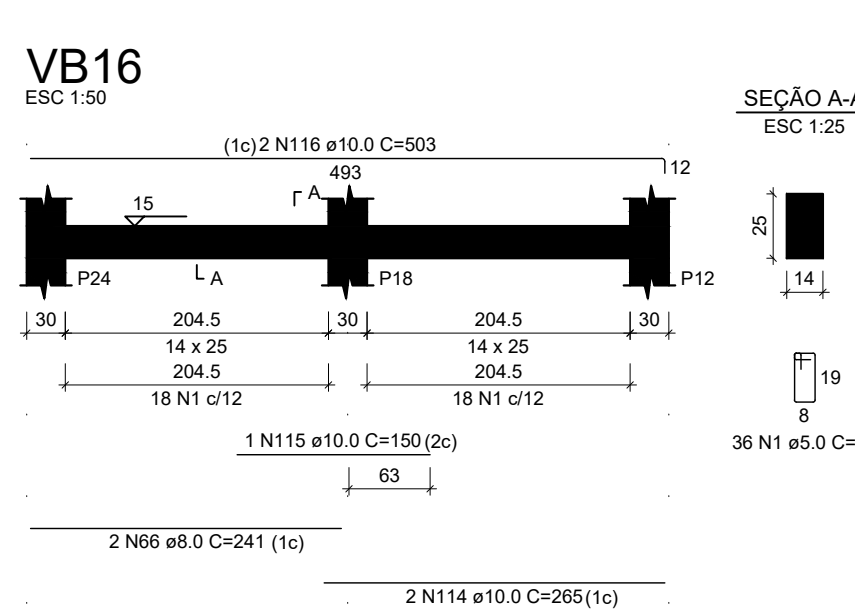
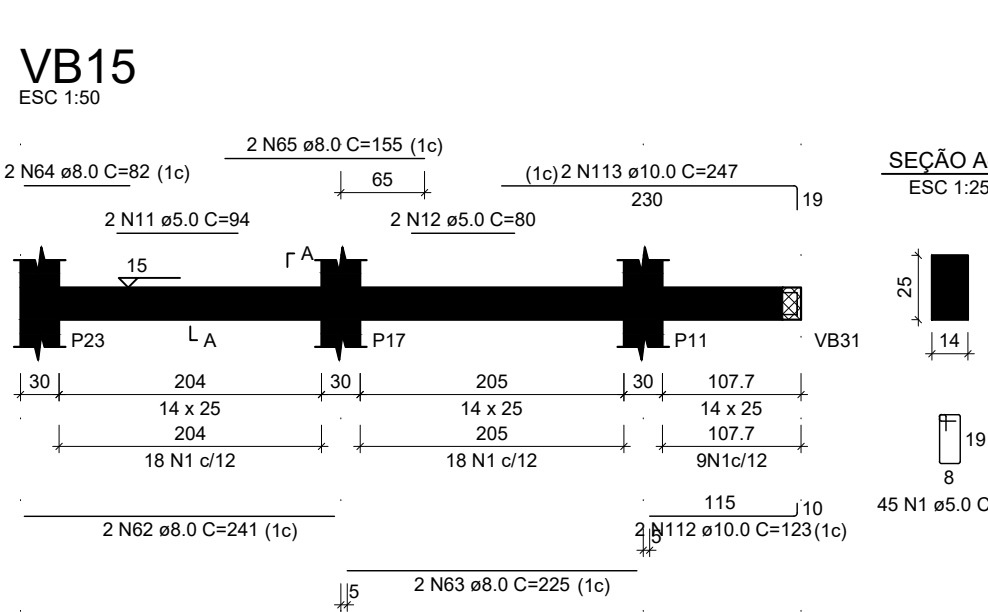
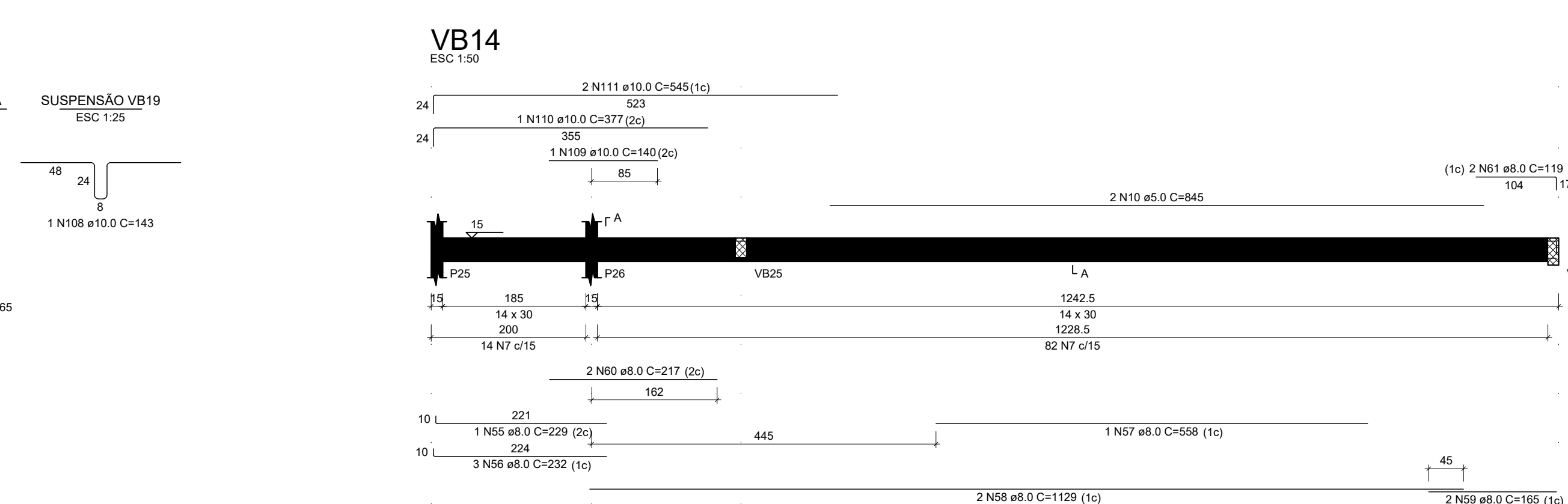
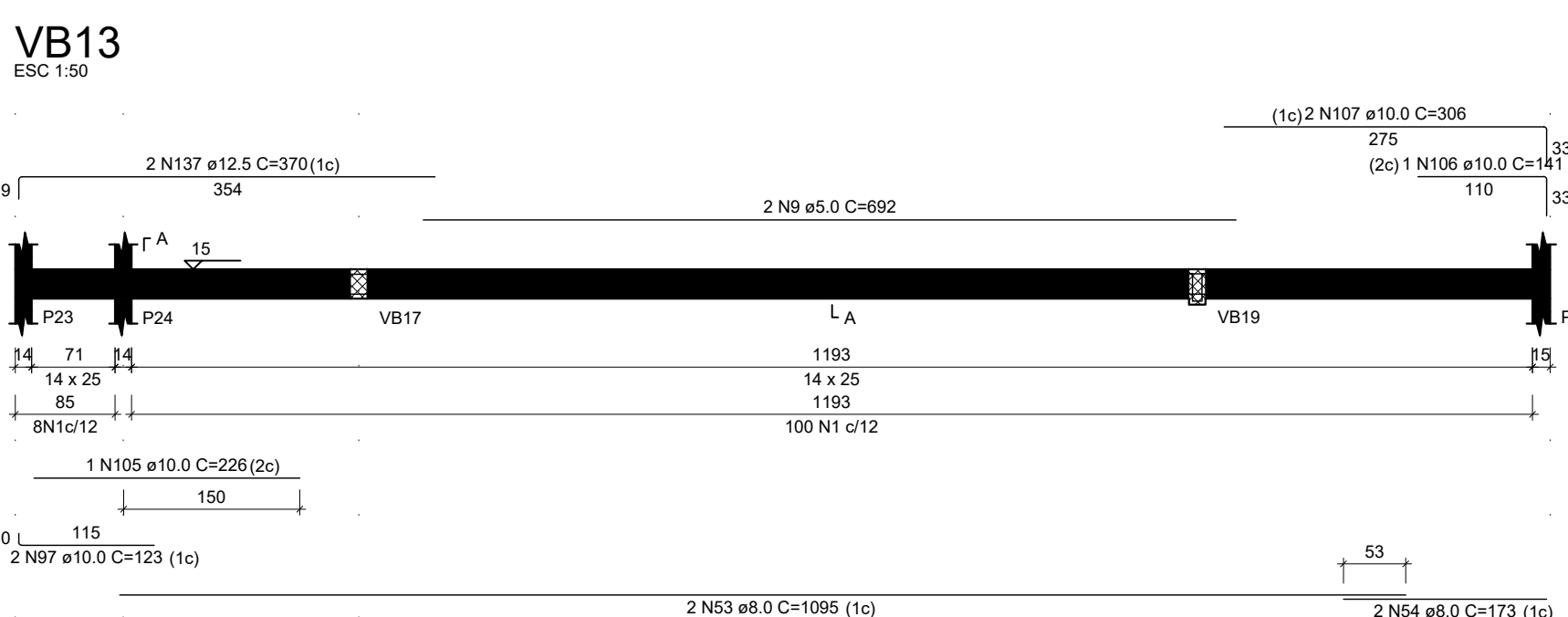
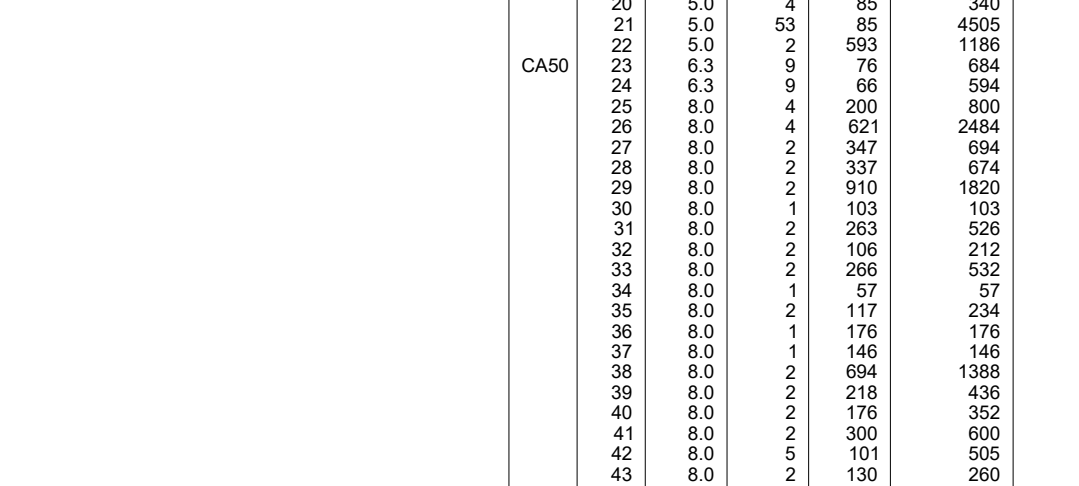
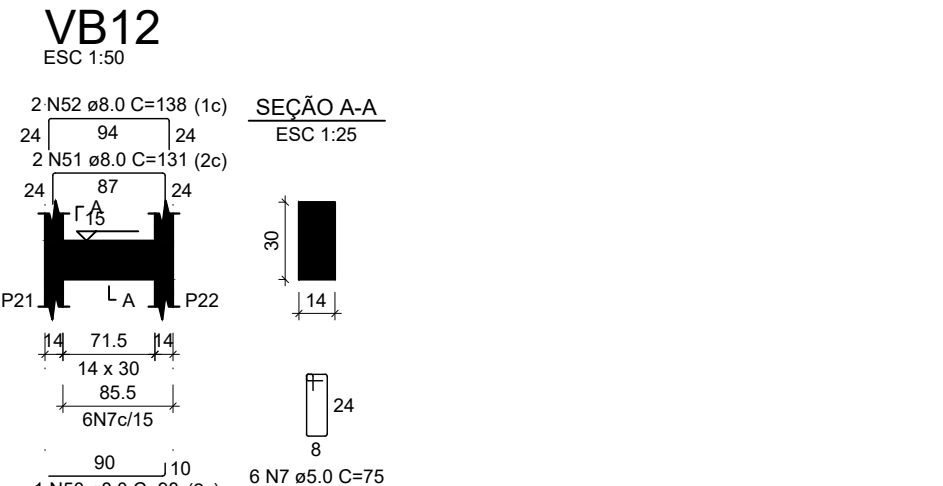
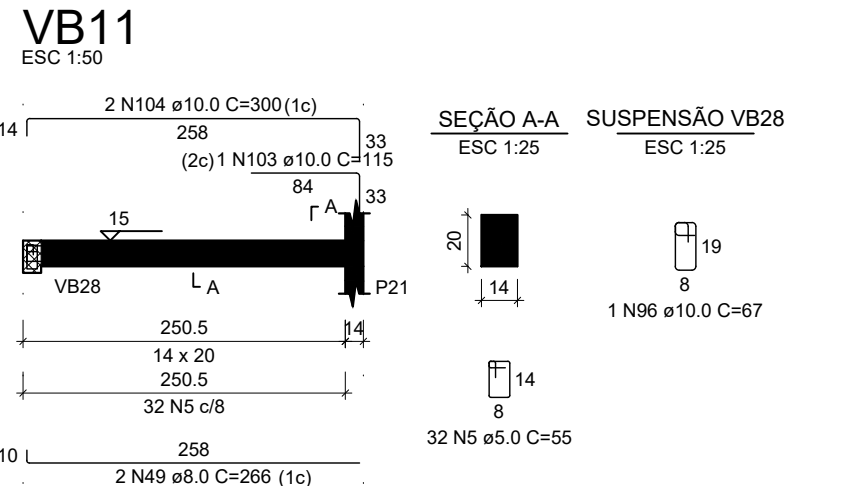
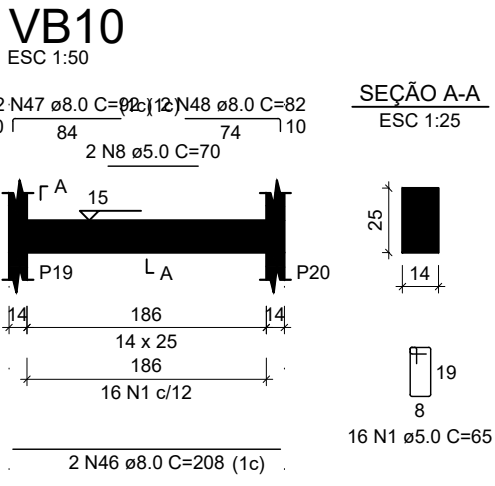
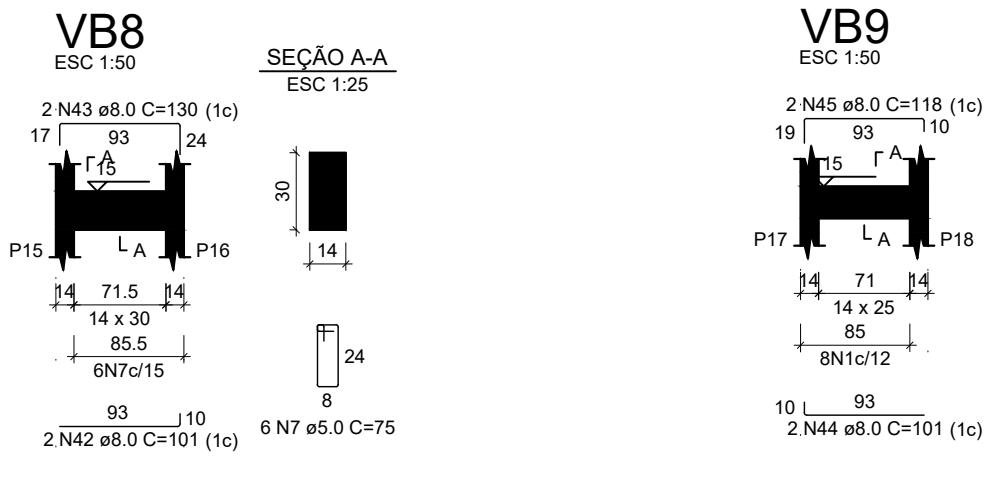
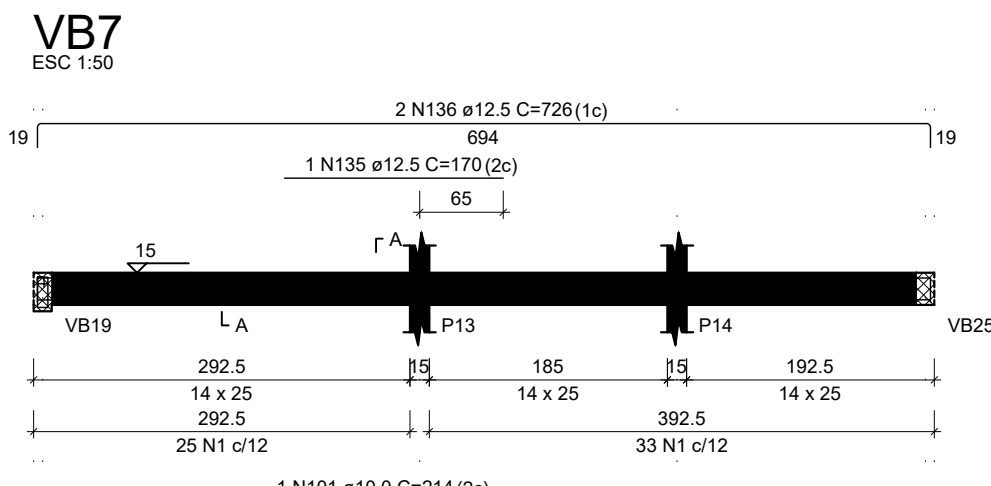
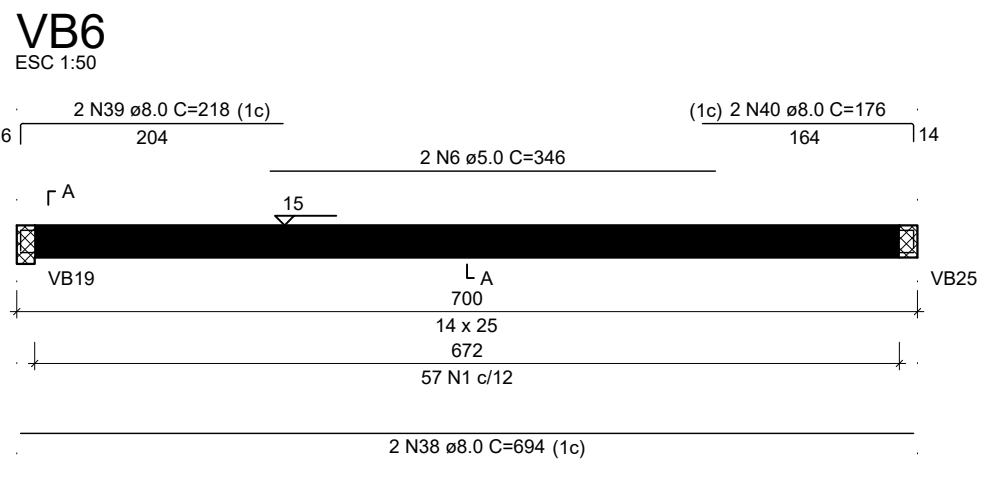
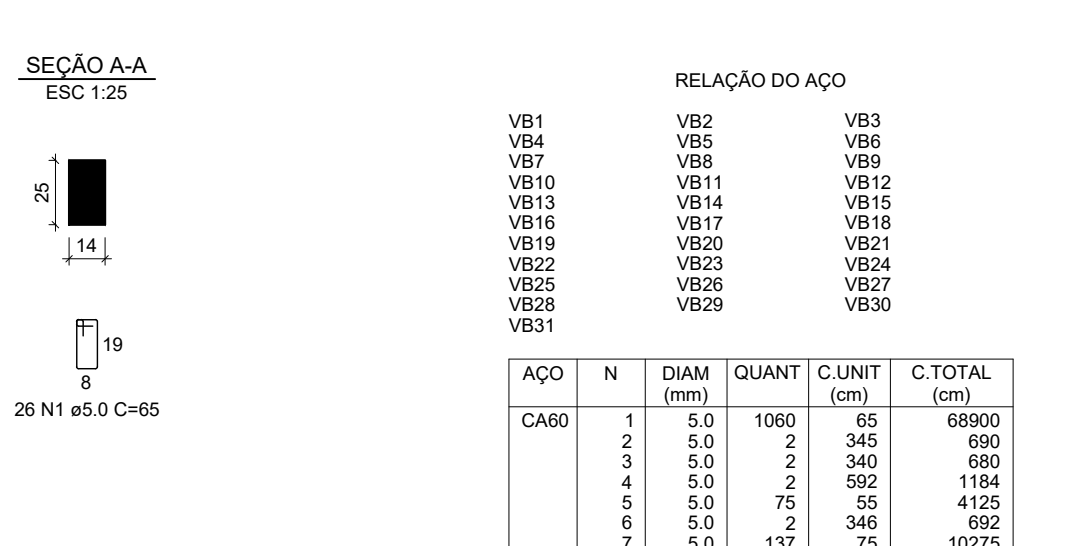
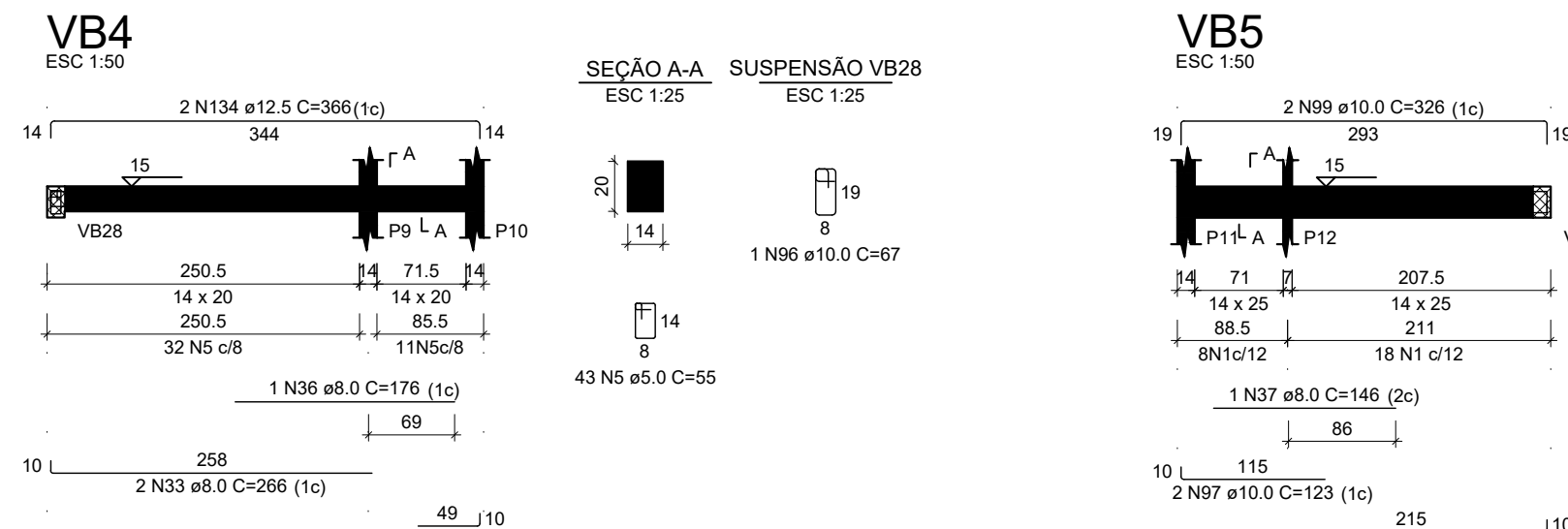
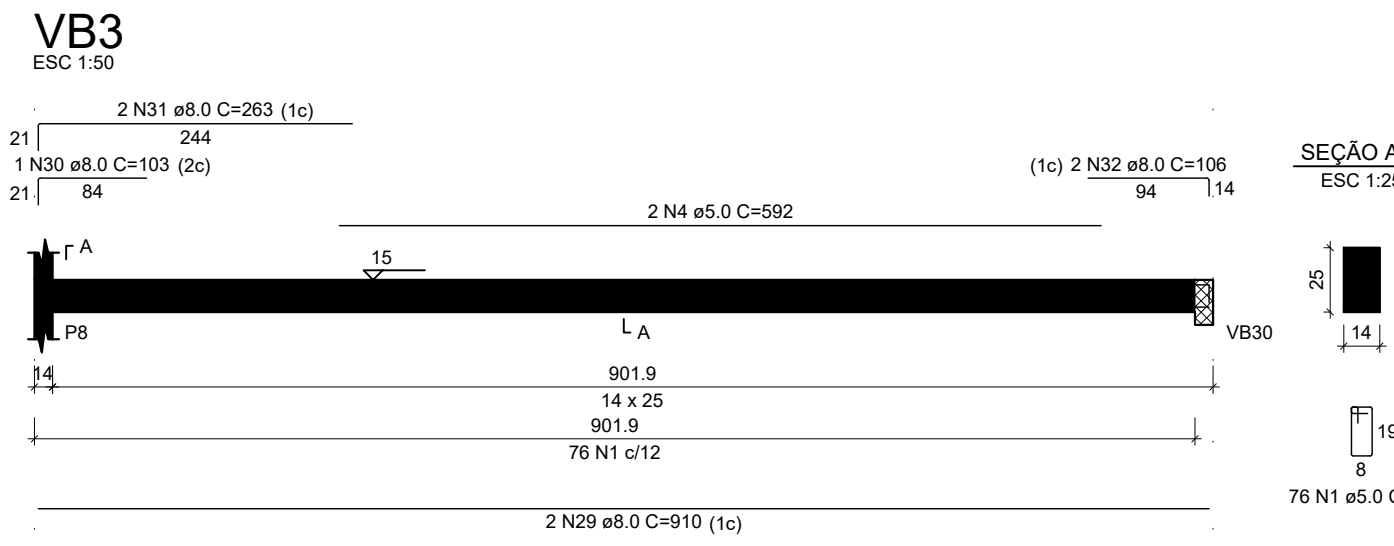
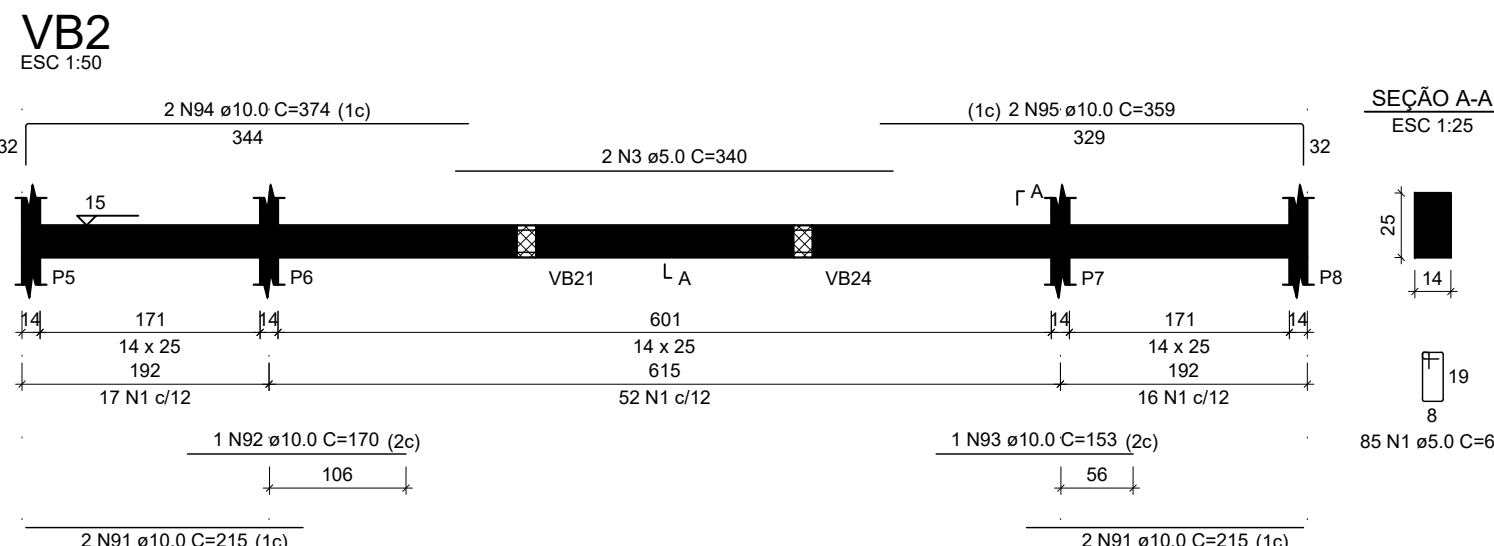
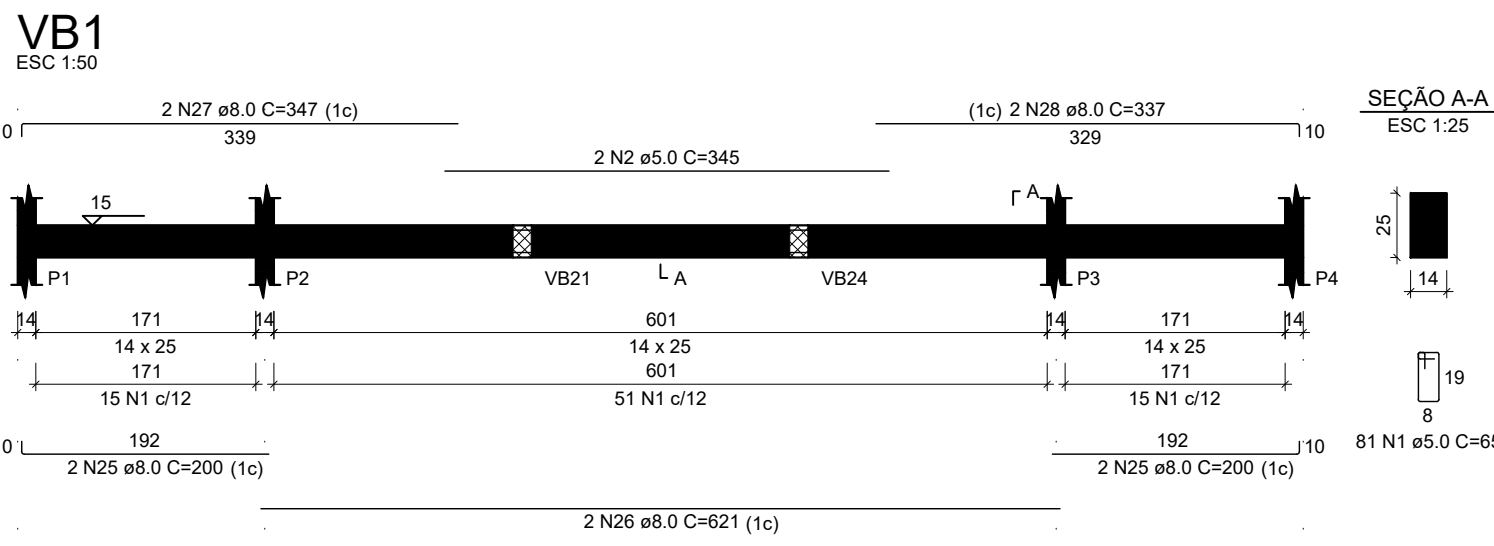




RELAÇÃO DO AÇO						
ACO	N	DIAM (mm)	QUANT	C TOTAL (cm)	PERO + 10% (kg)	
CA50	2	5.0	2	345	860.0	
	3	5.0	2	345	860.0	
	4	5.0	2	345	860.0	
	5	5.0	75	59.0	73.8	
	6	5.0	2	345	860.0	
	7	5.0	137	72.0	89.6	
	8	5.0	2	345	860.0	
	9	5.0	2	660	1384	
	10	5.0	2	660	1384	
	11	5.0	2	840	1672	
	12	5.0	2	840	1672	
	13	5.0	2	412	836.0	
	14	5.0	2	169	338.0	
	15	5.0	2	312	625.0	
	16	5.0	2	312	625.0	
	17	5.0	2	290	580.0	
	18	5.0	2	290	580.0	
	19	5.0	2	405	810.0	
	20	5.0	2	405	810.0	
	21	5.0	53	85.0	106.3	
	22	5.0	3	66	82.5	
	23	5.0	3	66	82.5	
	24	5.0	4	200	250.0	
	25	5.0	4	821	1026.3	
	26	5.0	2	337	421.3	
	27	5.0	2	337	421.3	
	28	5.0	1	103	128.8	
	29	5.0	1	103	128.8	
	30	5.0	2	106	132.5	
	31	5.0	2	263	526.0	
	32	5.0	2	263	526.0	
	33	5.0	2	296	592.0	
	34	5.0	2	296	592.0	
	35	5.0	2	171	342.0	
	36	5.0	1	171	171.0	
	37	5.0	2	171	342.0	
	38	5.0	2	694	1388.0	
	39	5.0	2	694	1388.0	
	40	5.0	2	176	352.0	
	41	5.0	2	176	352.0	
	42	5.0	2	226	452.0	
	43	5.0	2	130	260.0	
	44	5.0	2	130	260.0	
	45	5.0	2	118	236.0	
	46	5.0	2	118	236.0	
	47	5.0	2	82	164.0	
	48	5.0	2	82	164.0	
	49	5.0	2	103	206.0	
	50	5.0	1	98	98.0	
	CA50	51	5.0	2	171	342.0
52		5.0	2	136	272.0	
53		5.0	2	109	218.0	
54		5.0	2	109	218.0	
55		5.0	1	229	229.0	
56		5.0	2	175	350.0	
57		5.0	1	156	156.0	
58		5.0	2	175	350.0	
59		5.0	2	165	330.0	
60		5.0	2	165	330.0	
61		5.0	2	200	400.0	
62		5.0	2	241	482.0	
63		5.0	2	241	482.0	
64		5.0	2	82	164.0	
65		5.0	2	82	164.0	
66		5.0	2	263	526.0	
67		5.0	2	263	526.0	
68		5.0	2	296	592.0	
69		5.0	2	296	592.0	
70		5.0	4	154	308.0	
71		5.0	8	393	3144	
72		5.0	4	154	308.0	
73		5.0	4	102	408.0	
74		5.0	2	443	886.0	
75		5.0	2	443	886.0	
76		5.0	2	171	342.0	
77		5.0	2	171	342.0	
78		5.0	4	400	1600.0	
79		5.0	2	217	434.0	
80		5.0	2	302	604.0	
81		5.0	2	302	604.0	
82		5.0	2	443	886.0	
83		5.0	2	112	224.0	
84		5.0	2	360	720.0	
85		5.0	2	360	720.0	
86		5.0	2	194	388.0	
87		5.0	2	194	388.0	
88		5.0	2	86	172.0	
89		5.0	2	86	172.0	
90		5.0	2	243	486.0	
91		5.0	2	219	438.0	
92		5.0	2	153	306.0	
93		5.0	2	153	306.0	
94		5.0	2	309	618.0	
95		5.0	2	309	618.0	
96		5.0	2	423	846.0	
97		5.0	2	423	846.0	
98		5.0	2	222	444.0	
99		5.0	2	222	444.0	
100		5.0	2	423	846.0	
101	5.0	2	423	846.0		
102	5.0	2	177	354.0		
103	5.0	2	177	354.0		
104	5.0	2	206	412.0		
105	5.0	2	206	412.0		
106	5.0	2	143	286.0		
107	5.0	2	306	612.0		
108	5.0	2	306	612.0		
109	5.0	2	180	360.0		
110	5.0	2	377	754.0		
111	5.0	2	377	754.0		
112	5.0	2	123	246.0		
113	5.0	2	123	246.0		
114	5.0	2	266	532.0		
115	5.0	2	266	532.0		
116	5.0	2	285	570.0		
117	5.0	2	285	570.0		
118	5.0	2	303	606.0		
119	5.0	2	303	606.0		
120	5.0	2	238	476.0		
121	5.0	2	238	476.0		
122	5.0	2	153	306.0		
123	5.0	2	153	306.0		
124	5.0	2	153	306.0		
125	5.0	2	607	1214.0		
126	5.0	2	153	306.0		
127	5.0	3	176	528.0		
128	5.0	3	144	432.0		
129	5.0	1	166	166.0		
130	5.0	1	166	166.0		
131	5.0	2	754	1508.0		
132	5.0	2	754	1508.0		
133	5.0	2	754	1508.0		
134	5.0	2	754	1508.0		
135	5.0	2	754	1508.0		
136	5.0	2	754	1508.0		
137	5.0	2	754	1508.0		
138	5.0	2	754	1508.0		
139	5.0	2	754	1508.0		
140	5.0	2	754	1508.0		