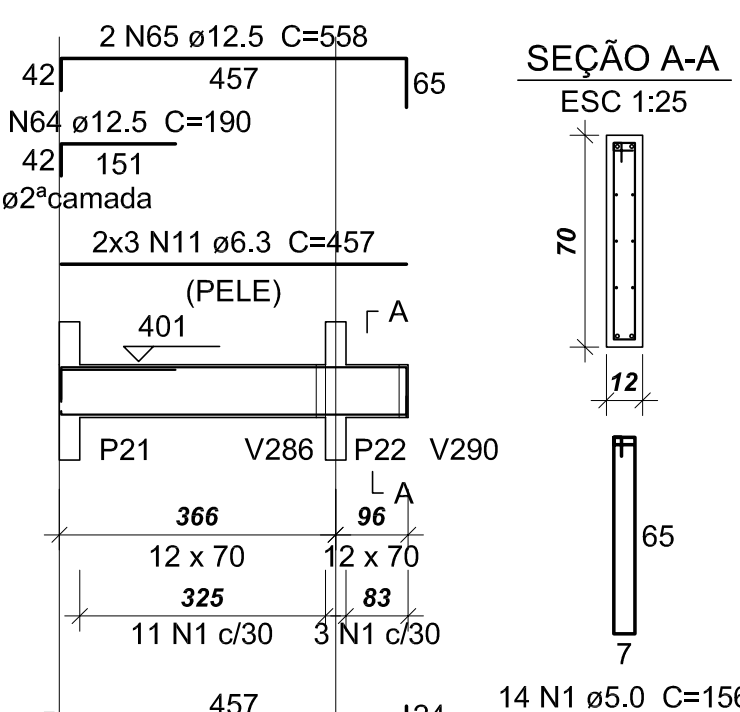
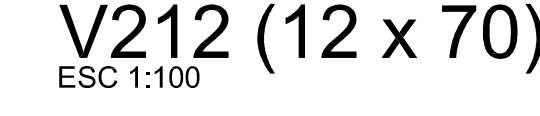
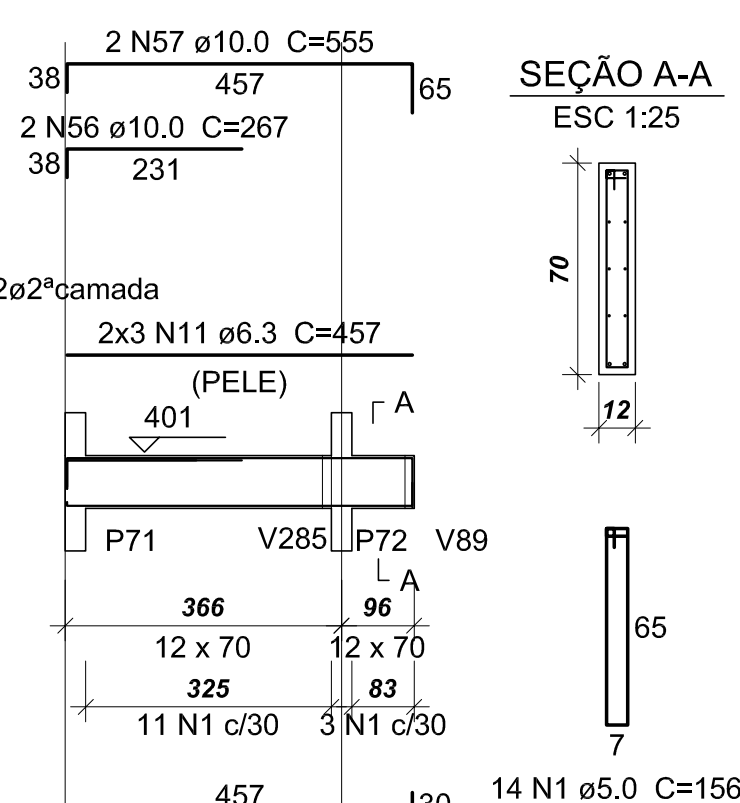
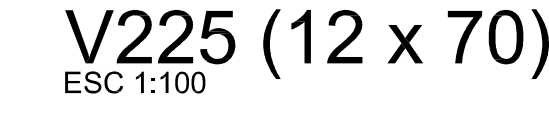
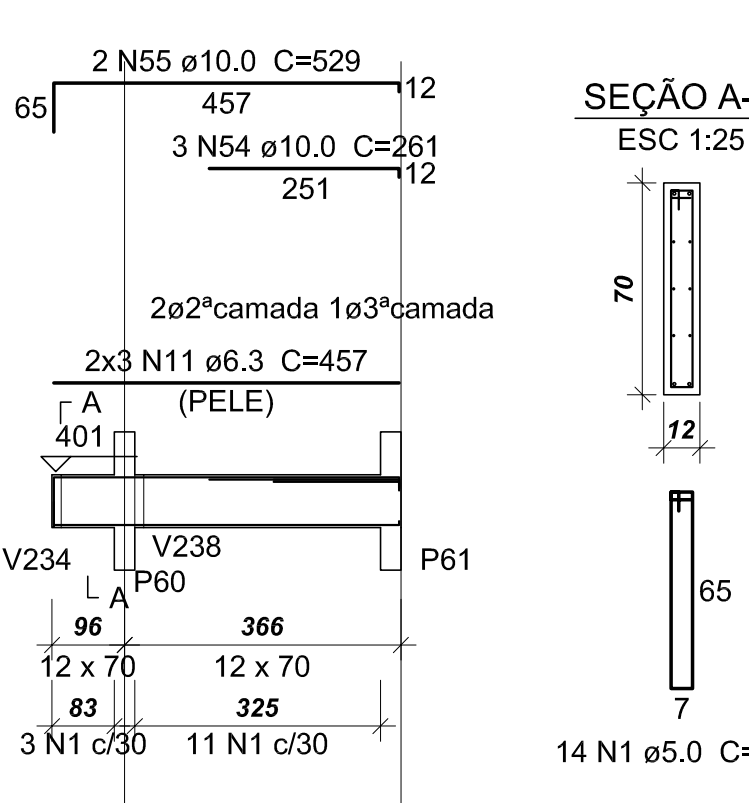
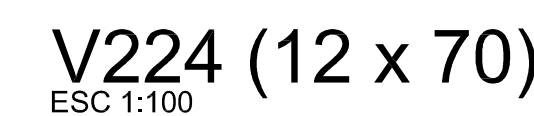
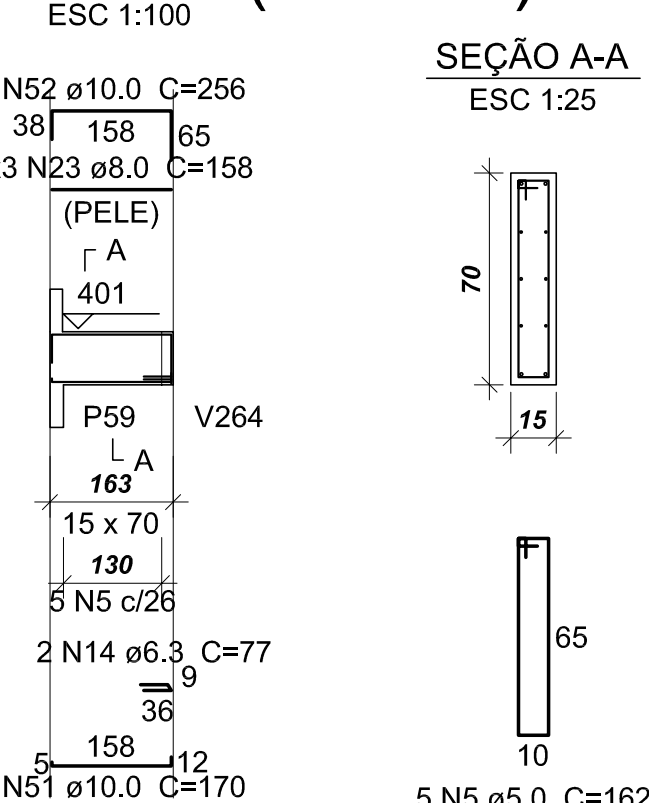
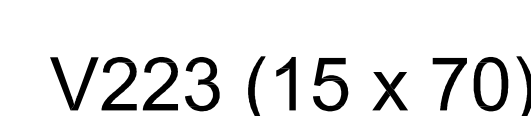
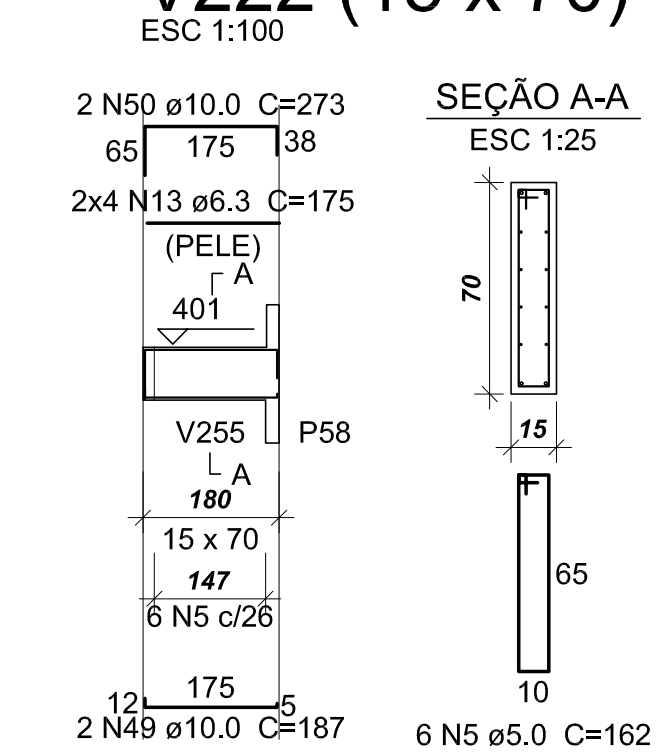
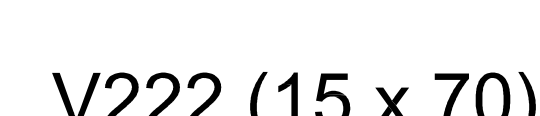
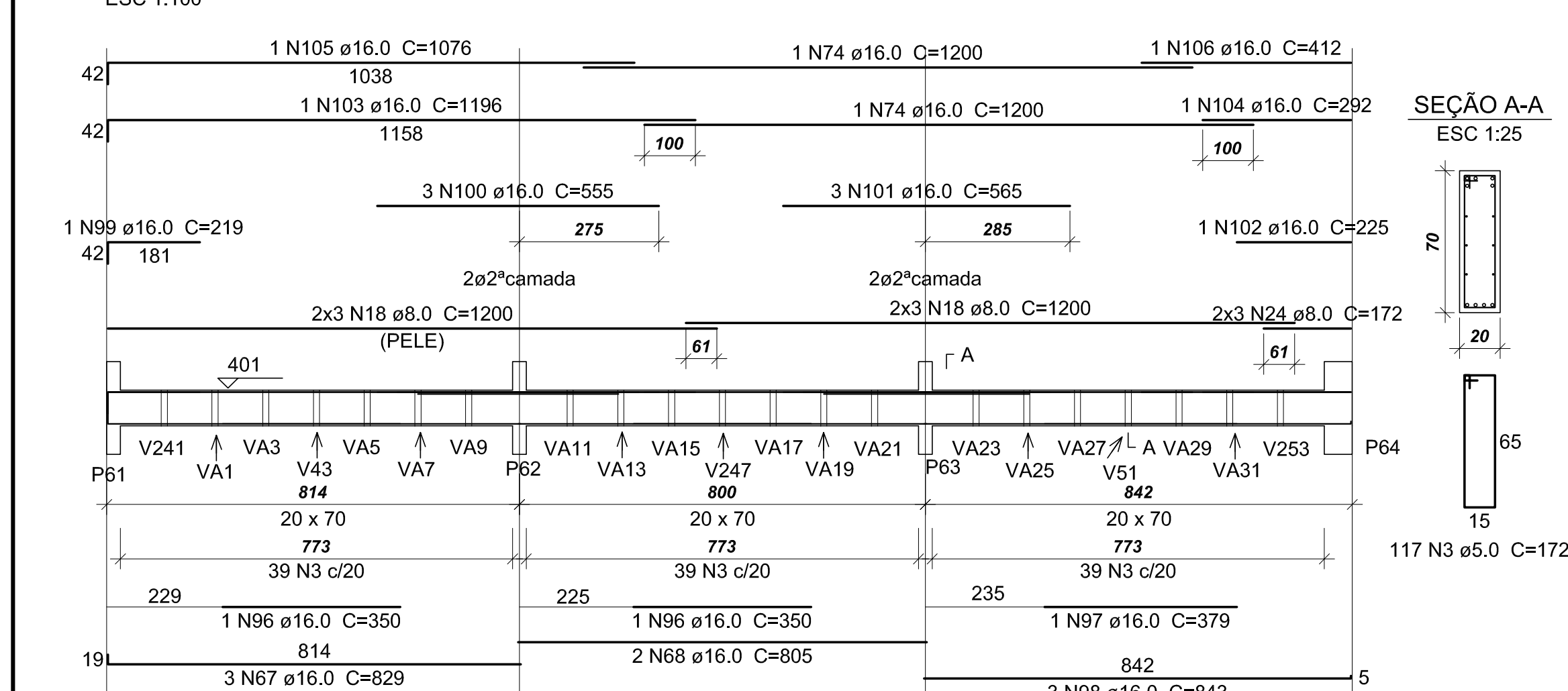
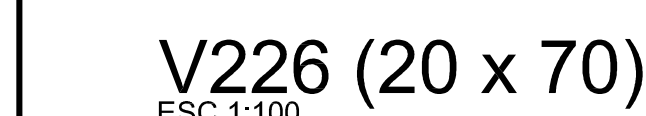
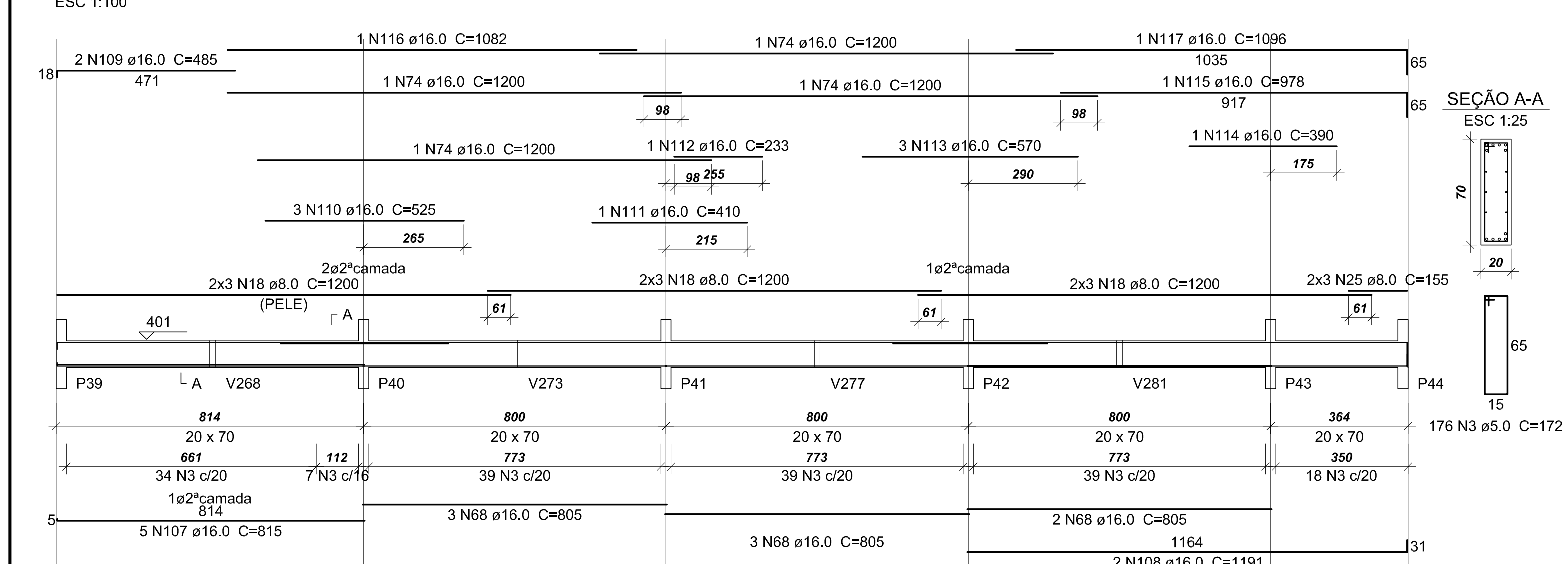
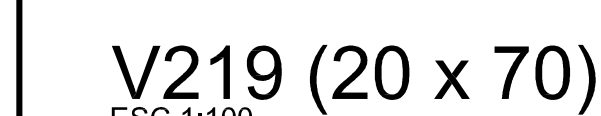
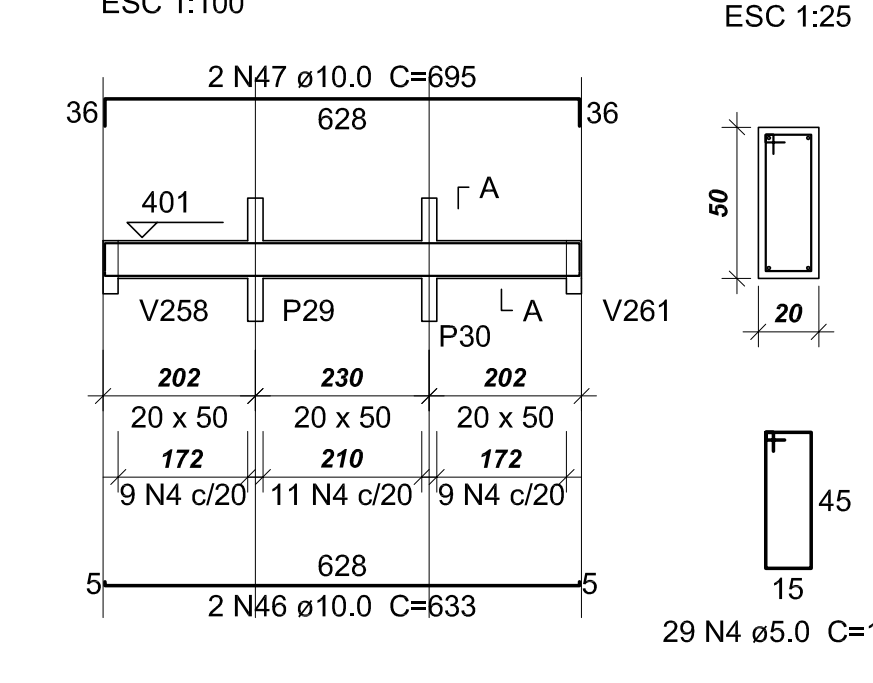
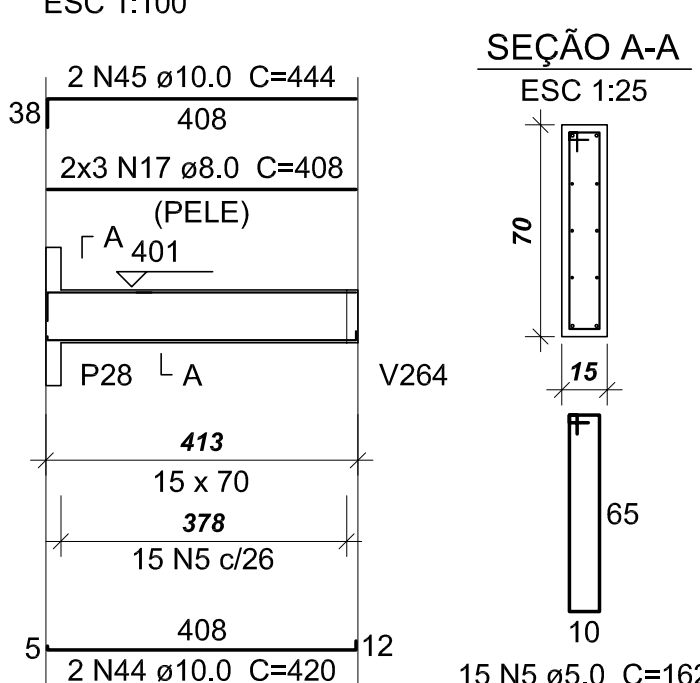
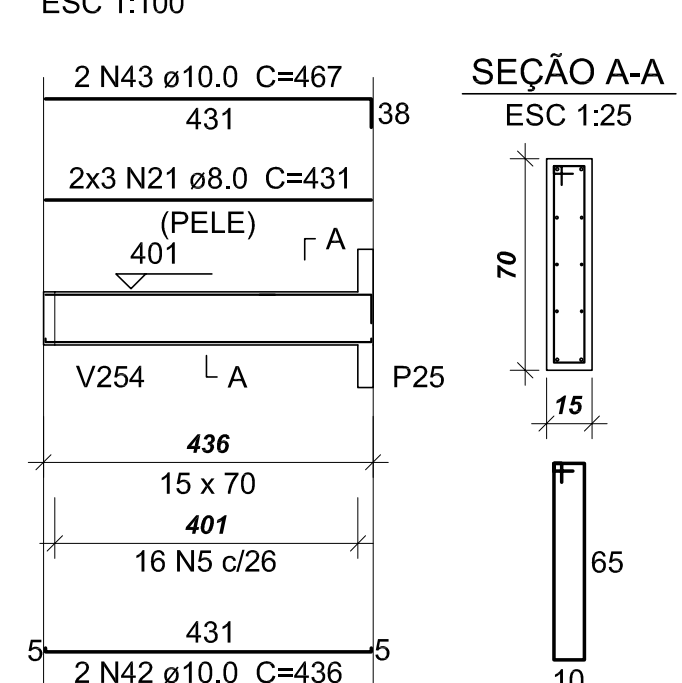
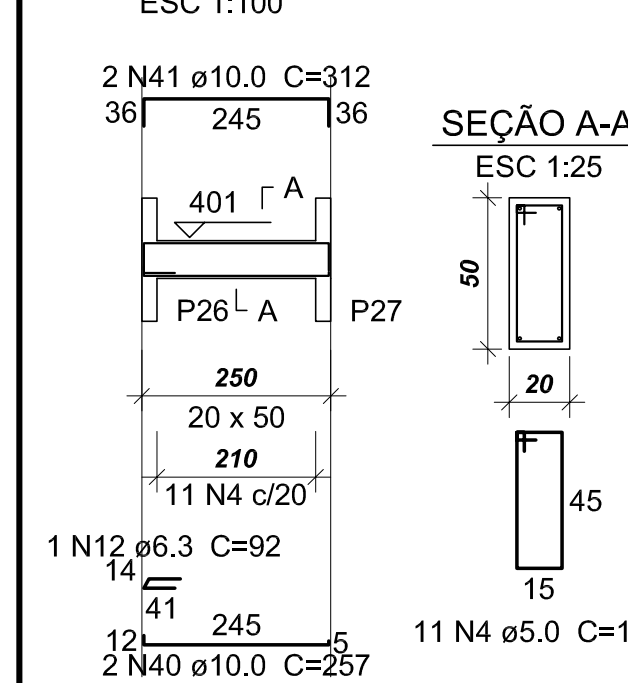
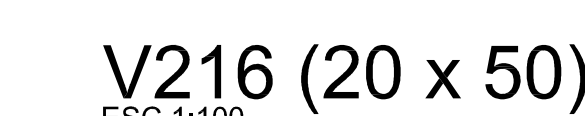
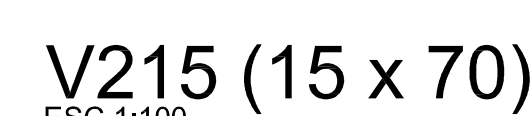
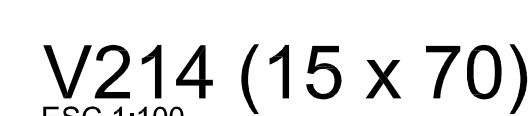
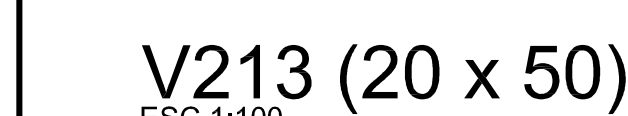
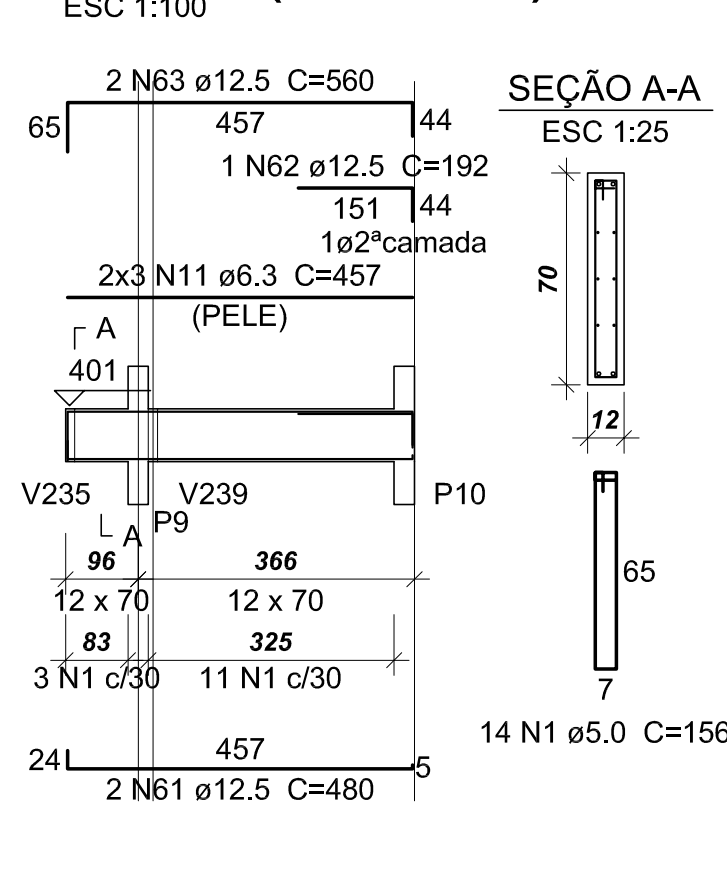
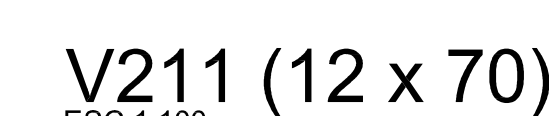
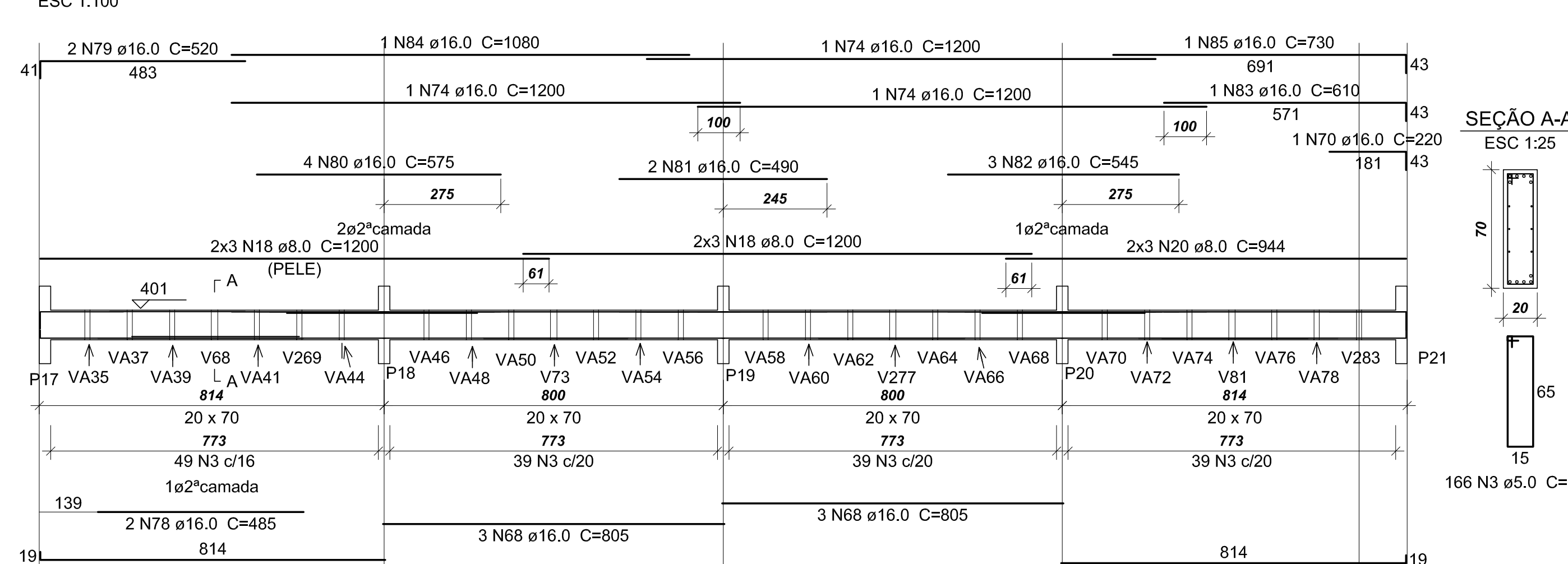
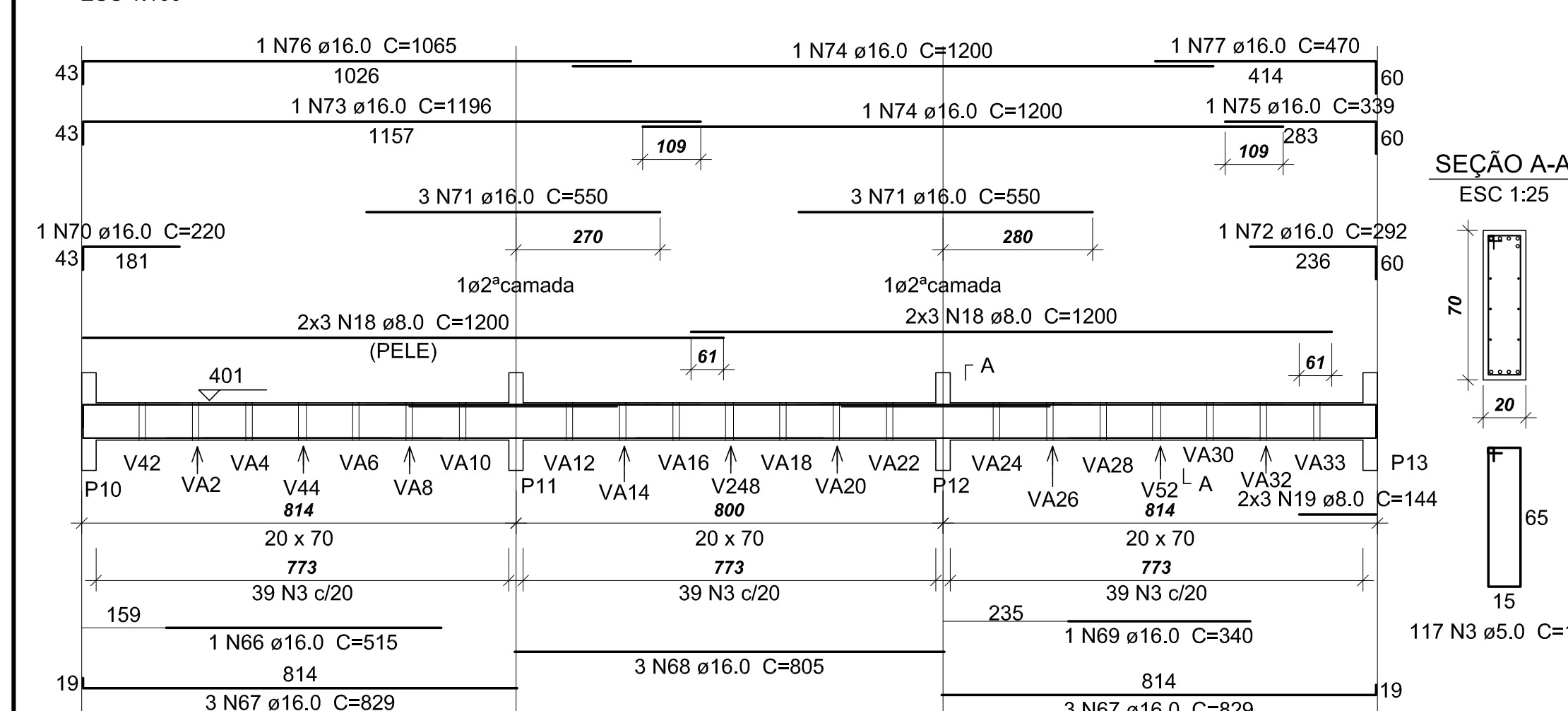
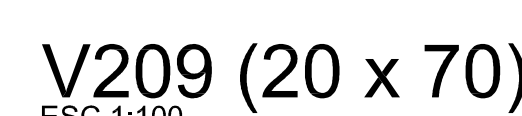
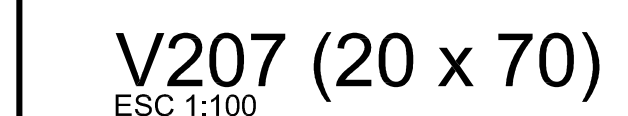
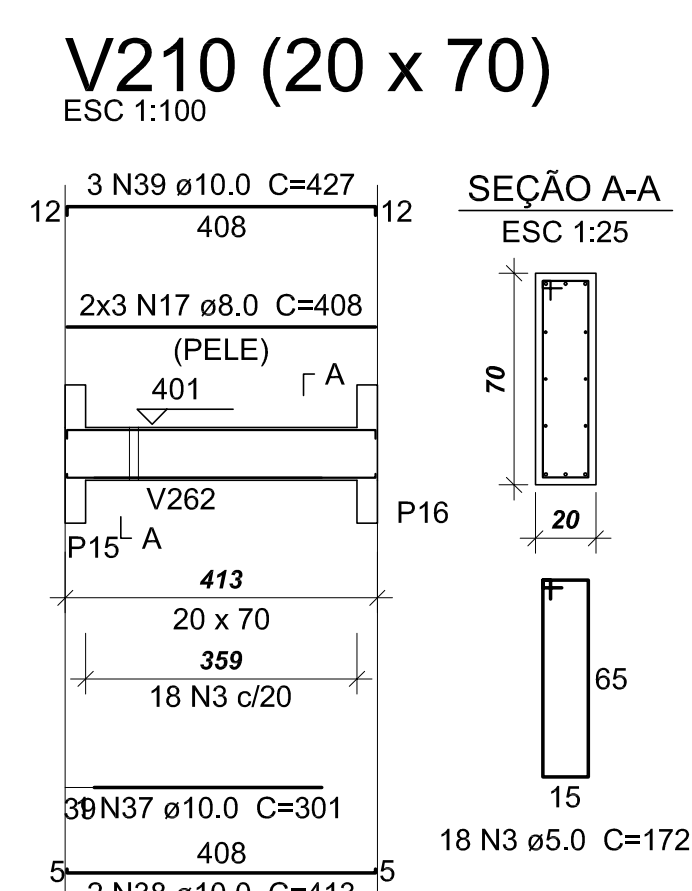
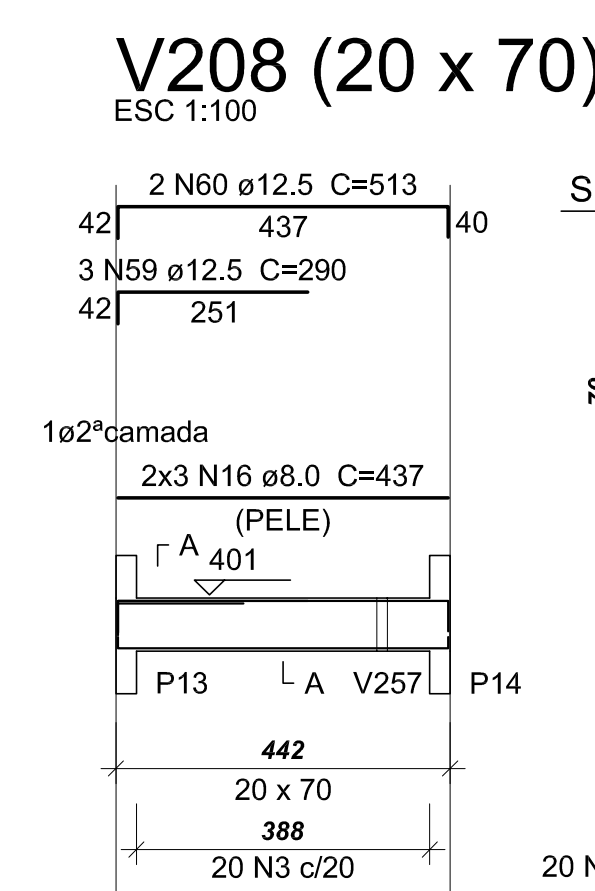
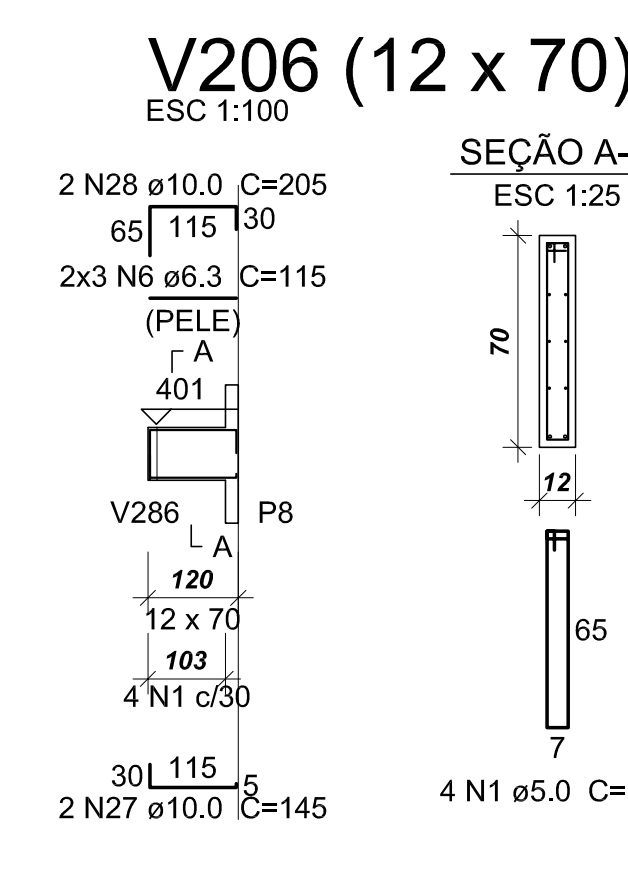
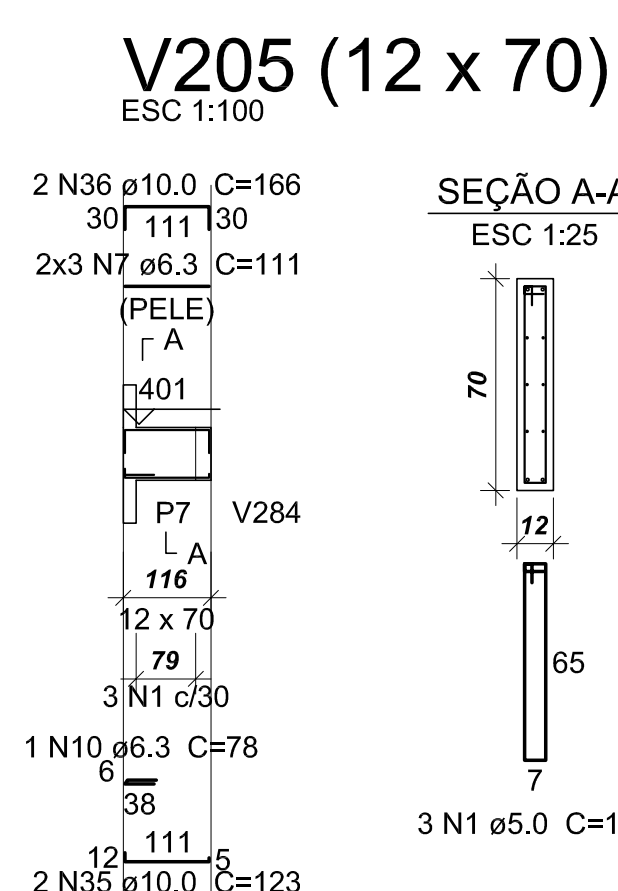
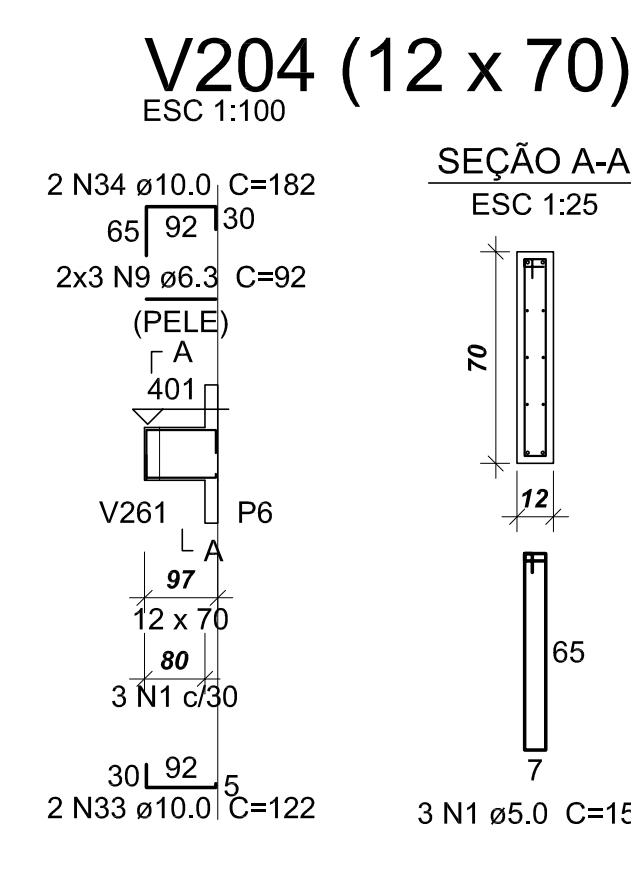
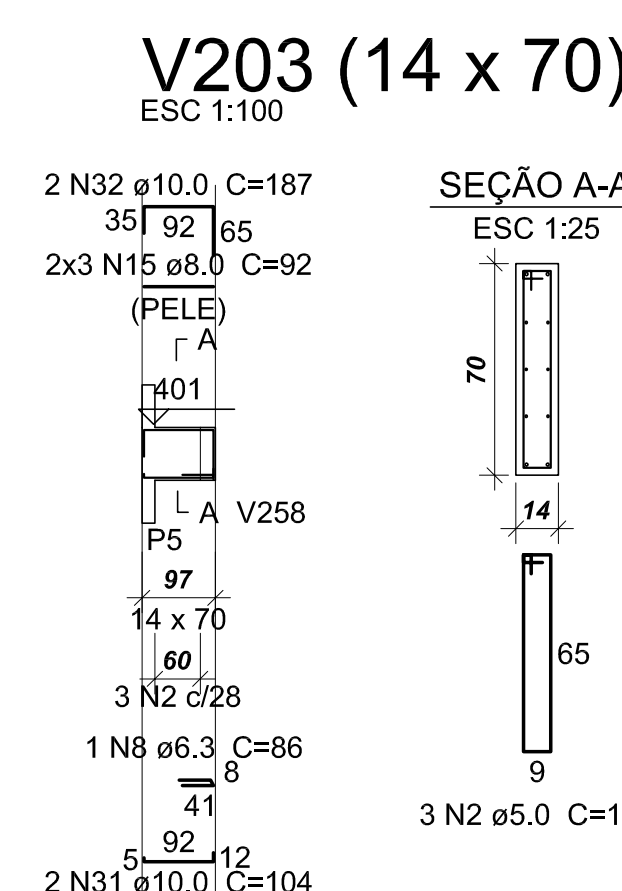
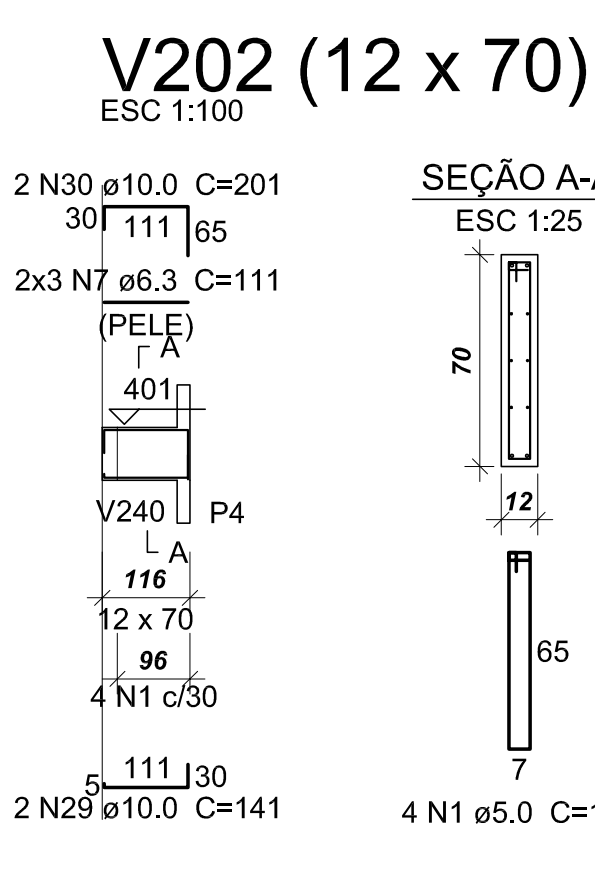
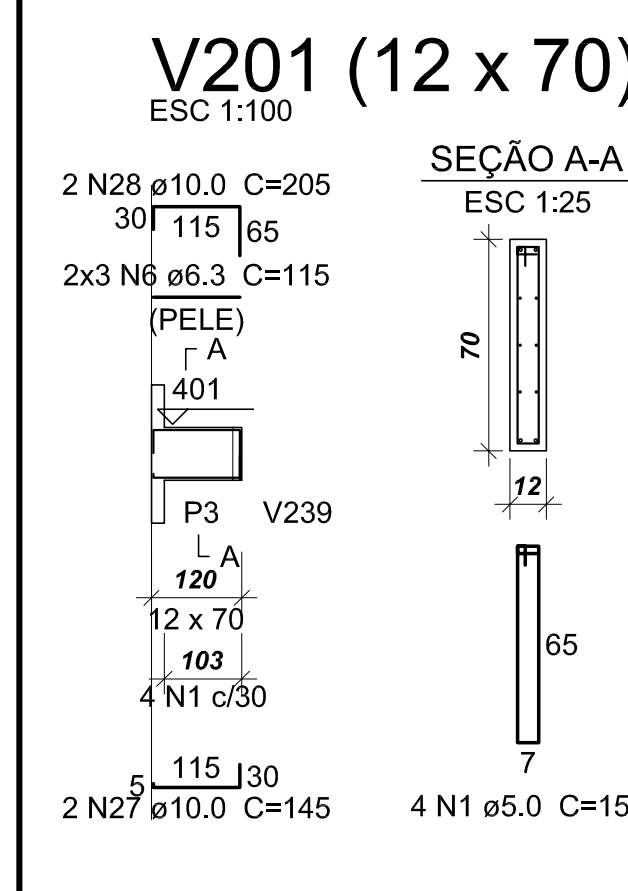
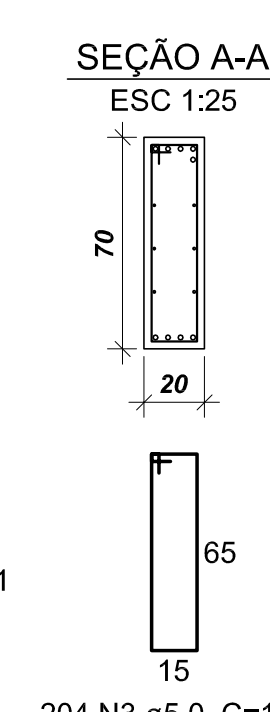
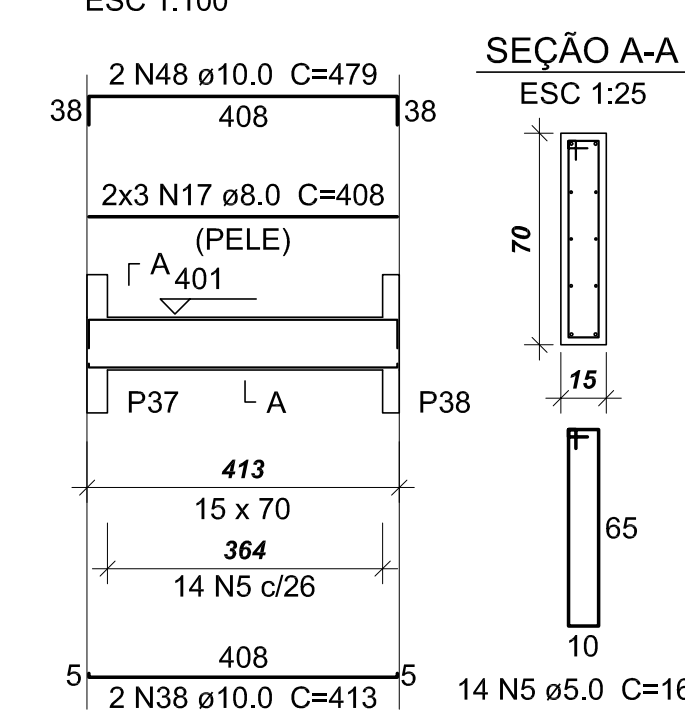
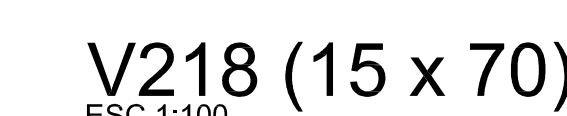




Relação do aço						Relação do aço					
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	74	156	11544	CA50	66	16.0	1	515	515
	2	5.0	3	160	480		67	16.0	15	829	12435
	3	5.0	972	172	167184		68	16.0	37	805	29785
CA50	4	5.0	40	132	5360	69	16.0	1	340	340	
	5	5.0	56	162	9072	70	16.0	2	220	440	
	6	6.3	12	115	1380	71	16.0	6	550	3300	
	7	6.3	12	111	1332	72	16.0	1	292	2920	
	8	6.3	1	86	86	73	16.0	1	1196	1196	
	9	6.3	6	92	552	74	16.0	19	1200	22800	
	10	6.3	1	78	78	75	16.0	1	339	339	
	11	6.3	24	457	10968	76	16.0	1	1065	1065	
	12	6.3	1	92	92	77	16.0	1	470	470	
	13	6.3	8	175	1400	78	16.0	2	485	970	
	14	6.3	4	77	154	79	16.0	2	520	1040	
	15	8.0	6	92	552	80	16.0	4	575	2300	
	16	8.0	6	437	2622	81	16.0	2	490	980	
	17	8.0	18	408	7344	82	16.0	3	545	1635	
	18	8.0	84	1200	108000	83	16.0	1	610	610	
	19	8.0	6	144	864	84	16.0	8	1080	10800	
	20	8.0	6	944	5664	85	16.0	1	730	730	
	21	8.0	6	431	2586	86	16.0	2	1165	2330	
	22	8.0	6	909	5454	87	16.0	2	430	860	
	23	8.0	6	158	948	88	16.0	1	360	360	
	24	8.0	6	172	1032	89	16.0	6	495	2970	
	25	8.0	6	155	930	90	16.0	1	280	280	
	26	8.0	6	776	4656	91	16.0	1	430	430	
	27	10.0	4	145	580	92	16.0	1	1196	1196	
	28	10.0	4	205	820	93	16.0	1	1037	1037	
	29	10.0	2	141	282	94	16.0	9	1065	10650	
	30	10.0	2	201	402	95	16.0	1	1168	1168	
31	10.0	2	104	208	96	16.0	2	350	700		
32	10.0	2	187	374	97	16.0	1	379	379		
33	10.0	2	122	244	98	16.0	3	843	2529		
34	10.0	2	164	328	99	16.0	9	219	2190		
35	10.0	2	123	246	100	16.0	3	555	1665		
36	10.0	2	166	332	101	16.0	3	565	1695		
37	10.0	1	301	301	102	16.0	1	225	225		
38	10.0	4	413	1652	103	16.0	1	1196	1196		
39	10.0	3	427	1281	104	16.0	1	292	292		
40	10.0	2	257	514	105	16.0	1	1076	1076		
41	10.0	2	312	624	106	16.0	1	412	412		
42	10.0	2	436	872	107	16.0	5	815	4075		
43	10.0	2	467	934	108	16.0	4	1191	4764		
44	10.0	2	420	840	109	16.0	7	485	3795		
45	10.0	2	444	888	110	16.0	3	525	1575		
46	10.0	2	633	1266	111	16.0	1	410	410		
47	10.0	2	695	1390	112	16.0	1	233	233		
48	10.0	2	479	958	113	16.0	3	570	1710		
49	10.0	2	187	374	114	16.0	1	390	390		
50	10.0	2	273	546	115	16.0	1	978	978		
51	10.0	2	170	340	116	16.0	1	1082	1082		
52	10.0	2	256	512	117	16.0	1	1096	1096		
53	10.0	4	487	1948	118	16.0	2	721	1442		
54	10.0	3	261	783	119	16.0	2	716	1432		
55	10.0	2	529	1058	120	16.0	1	365	365		
56	10.0	2	267	534	121	16.0	2	500	1000		
57	10.0	2	555	1110	122	16.0	1	281	281		
58	12.5	2	461	922	123	16.0	2	460	920		
59	12.5	3	980	1960	124	16.0	1	395	395		
60	12.5	3	113	1026	125	16.0	1	1196	1196		
61	12.5	4	480	1920	126	16.0	1	529	529		
62	12.5	1	192	192	127	16.0	1	1075	1075		
63	12.5	2	560	1120	128	16.0	1	650	650		
64	12.5	1	190	190	129	16.0	2	479	958		
65	12.5	1	1116	1116							

Resumo do aço			
AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	160.5	39.3
	8.0	1334.6	526.6
	10.0	225.8	139.2
	12.5	73.6	70.9
	16.0	1319.4	2082.3
CA60	5.0	1935.6	298.3
PESO TOTAL			
CA50	2858.2		
CA60	298.3		

Vol. de concreto total (C-25) = 32.59 m³
Área de forma total = 392.56 m²



01		B2 27.03.21		PROJETO ESTRUTURAL	
02		DATA:		DESCRIÇÃO DA REVISÃO:	
03		RESPONSÁVEL			
		AS BUILT ENGENHARIA DE PROJETOS LTDA			
		Rua Jovino do Rosário, 1564 - Boa Vista			
		CEP 62060-432 - Curitiba - Paraná			
		autobuiltprojetos@gmail.com - (41)3088-4949			
FONE:					
PROJETO ESTRUTURAL					
CONFERIR MEDIDAS NA OBRA					
OBRA:					
ADMINISTRAÇÃO CAMPUS UNAI					
PROPRIETÁRIO:		UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONIA E MUCURI		CPF: 1.6.666.315/0001-17	
FRANCHA:		FERRAGENS DAS VIGAS: CONCRETO PAVIMENTO (I)			
AUTOR PROJETO:					
CARLOS HENRIQUE DE SOUZA GONÇALVES CREA 79862/2 - P					
ESCALA: INDICADA				DESENHO: EQUIPE	
VERSÃO: 1		DATA: 22/07/2013		ÁREA CONSTRUÍDA: 3056,63m²	
ARQUIVO:				FOLHA: 10/22	