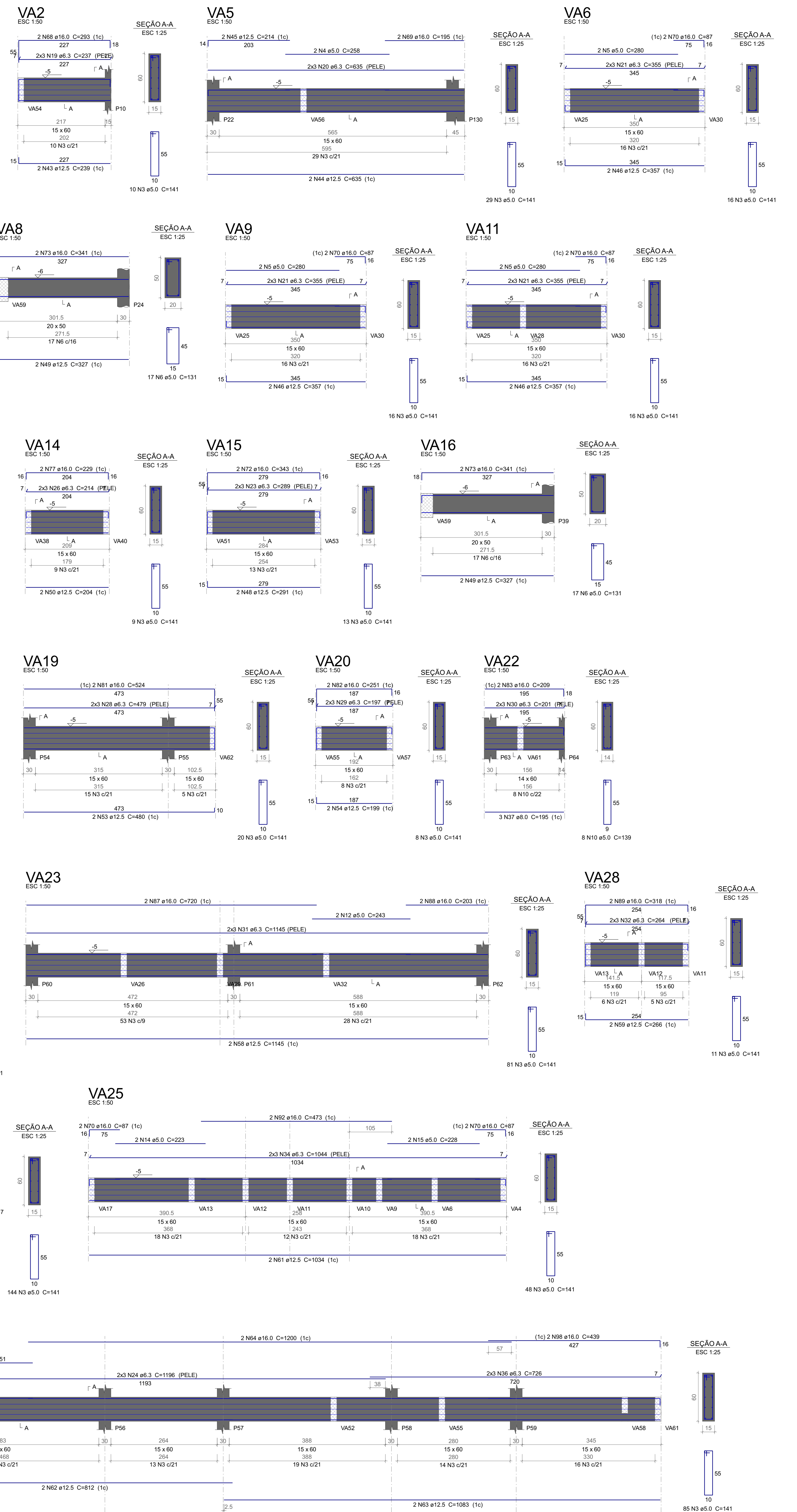
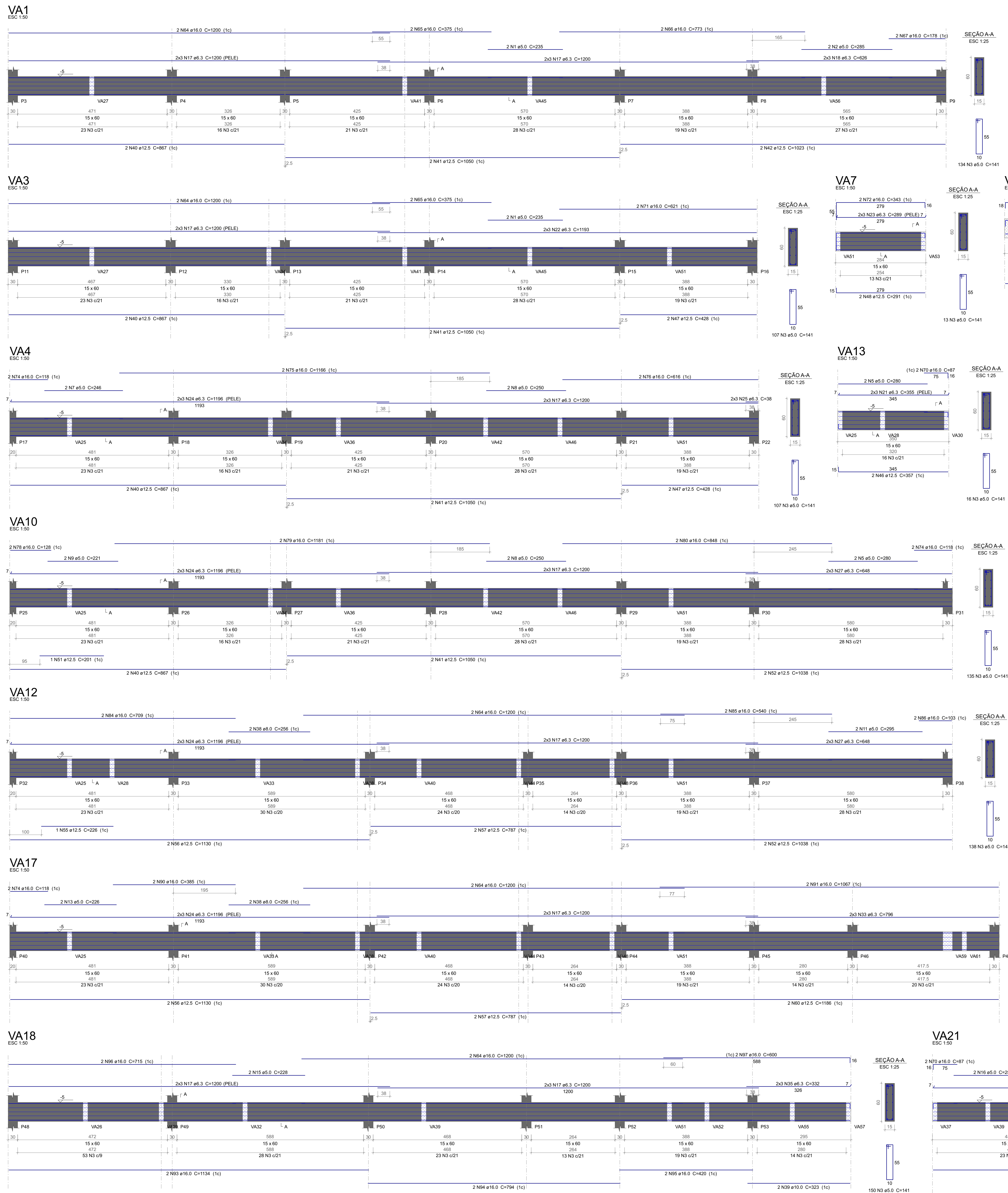




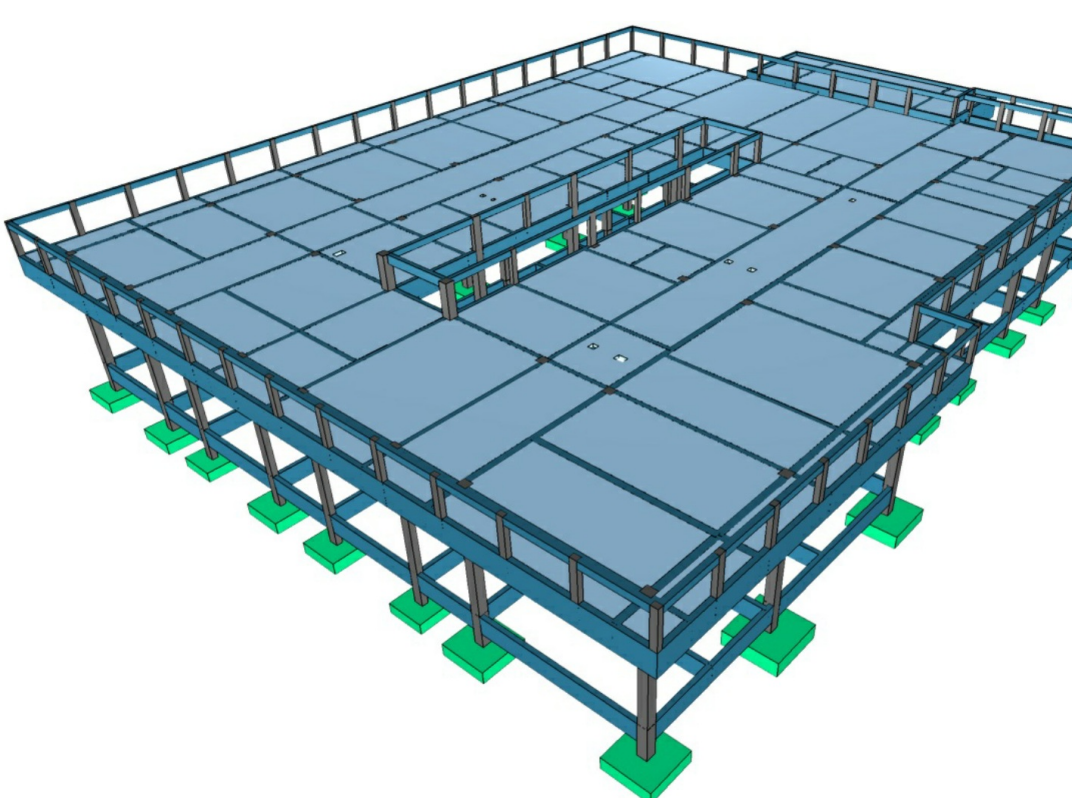
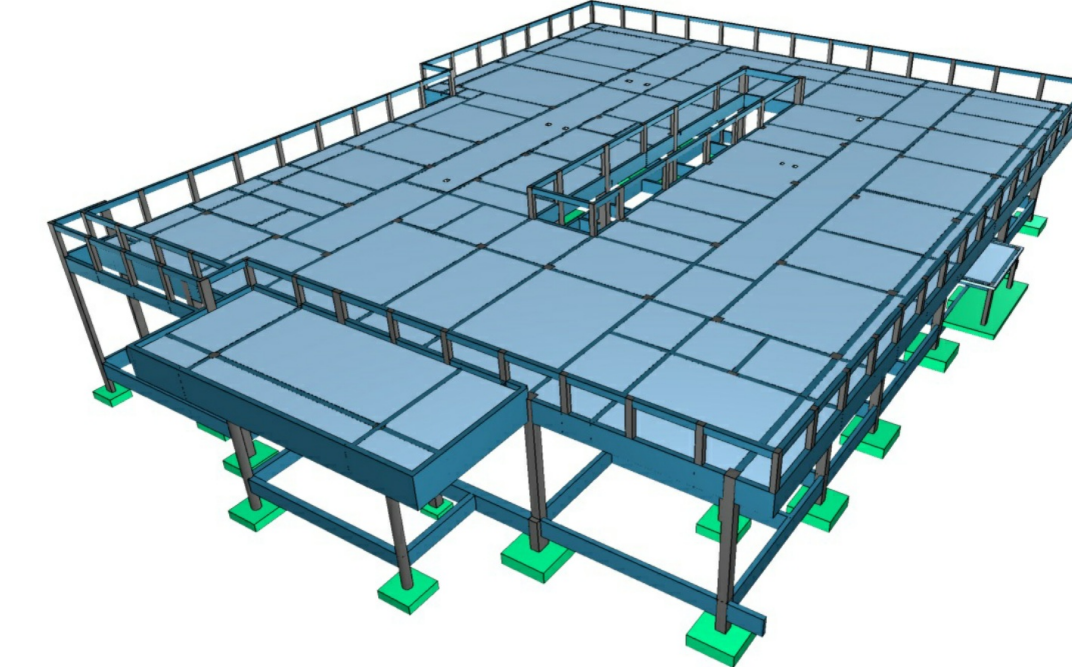
Relação Do ago						
VA1		VA2		VA3		
VA4		VA5		VA6		
VA7		VA8		VA9		
VA10		VA11		VA12		
VA13		VA14		VA15		
VA16		VA17		VA18		
VA19		VA20		VA21		
VA22		VA23		VA24		
VA25		VA26		VA27		
CA50	N	50M	QUANT	CUMT	C.TOTAL	
CA50	1	5,0	2	235	590	
	2	5,0	2	236	590	
	3	5,0	1006	141	18446	
	4	5,0	10	280	2800	
	5	5,0	10	280	2800	
	6	5,0	14	444	4440	
	7	5,0	2	246	492	
	8	5,0	2	241	482	
	9	5,0	2	291	582	
	10	5,0	8	193	1930	
CA50	11	5,0	2	265	530	
	12	5,0	2	243	486	
	13	5,0	2	228	456	
	14	5,0	2	228	456	
	15	5,0	2	228	456	
	16	5,0	2	228	456	
	17	5,0	2	251	502	
	18	6,3	5	306	3060	
	19	6,3	6	366	3660	
	20	6,3	6	366	3660	
	21	6,3	24	241	2410	
	22	6,3	6	603	6030	
	23	6,3	12	1206	12060	
	24	6,3	30	1196	35880	
	25	6,3	3	336	3360	
	26	6,3	6	214	2140	
	27	6,3	3	336	3360	
	28	6,3	6	479	2874	
	29	6,3	6	101	1010	
	30	6,3	6	101	1010	
	31	6,3	6	1145	11450	
	32	6,3	6	1146	11460	
	33	6,3	6	796	6770	
	34	6,3	6	1004	6024	
	35	6,3	6	332	1992	
	36	6,3	6	736	4416	
	37	8,0	3	195	185	
	38	8,0	3	195	185	
	39	10,0	2	323	646	
	40	10,0	3	809	2427	
	41	12,5	8	1000	8000	
	42	12,5	8	1005	8040	
	43	12,5	2	239	478	
	44	12,5	2	635	1270	
	45	12,5	8	428	3424	
	46	12,5	8	307	2456	
	47	12,5	4	307	1228	
	48	12,5	2	201	1164	
	49	12,5	2	204	408	
	50	12,5	2	480	480	
	51	12,5	2	1008	1512	
	52	12,5	2	480	480	
	53	12,5	2	1130	4520	
	54	12,5	2	1130	4520	
	55	12,5	2	1145	2390	
	56	12,5	2	266	532	
57	12,5	2	1119	2238		
58	12,5	2	1034	2068		
59	12,5	2	1034	2068		
60	12,5	2	1034	2068		
61	12,5	2	1034	2068		
62	12,5	2	1034	2068		
63	12,5	2	1034	2068		
64	16,0	2	375	1500		
65	16,0	2	375	1500		
66	16,0	2	375	1500		
67	16,0	2	375	1500		
68	16,0	2	375	1500		
69	16,0	2	375	1500		
70	16,0	2	375	1500		
71	16,0	2	375	1500		
72	16,0	2	375	1500		
73	16,0	2	375	1500		
74	16,0	2	375	1500		
75	16,0	2	375	1500		
76	16,0	2	375	1500		
77	16,0	2	375	1500		
78	16,0	2	375	1500		
79	16,0	2	375	1500		
80	16,0	2	375	1500		
81	16,0	2	375	1500		
82	16,0	2	375	1500		
83	16,0	2	375	1500		
84	16,0	2	375	1500		
85	16,0	2	375	1500		
86	16,0	2	375	1500		
87	16,0	2	375	1500		
88	16,0	2	375	1500		
89	16,0	2	375	1500		
90	16,0	2	375	1500		
91	16,0	2	375	1500		
92	16,0	2	375	1500		
93	16,0	2	375	1500		
94	16,0	2	375	1500		
95	16,0	2	420	840		
96	16,0	2	420	840		
97	16,0	2	420	840		
98	16,0	2	420	840		
99	16,0	2	420	840		
100	16,0	2	420	840		

AÇO	DIAM. (mm)	C.TOTAL (m)	PE90 + 10 % (kg)
CA50	6.3	1692.1	455.5
	8.0	16.1	7
	10.0	6.5	4.4
	12.5	516.7	547.5
	16.0	522.3	906.7
CA60	5.0	1998.6	338.9

PESO TOTAL (kg)	
CA50	1921
CA60	338,9

VOLUME de concreto (C-35) = 23,64 m³
 Área da forma = 353,09 m²

PERSPECTIVAS :



DETALHES ORIENTATIVOS :

- [illegible]

COBRIMENTOS:		
ELEMENTO	SEM CONTATO COM O SOLO	EM CONTATO COM O SOLO
VIGAS	2,5 CM	2,0 CM
LAMELASCADAS	2,5 CM	3,0 CM
PLACAS	2,5 CM	4,0 CM
SAPATAS	-	4,5 CM
BLOCOS	-	4,5 CM
TUBULÕES	-	-
RESERVATÓRIOS ESCASAS	3,0 CM	3,0 CM

FUNDAÇÃO () :

1. FUNDAÇÃO E PILARES DE ARRANQUE DEVERÃO SER CALCULADOS DE ACORDO COM O LOCAL DE IMPLANTAÇÃO E RELATÓRIOS DE SONDAGEM

DESFORMA:

1. FACES LATERAIS: 3 DIAS APÓS A CONCRETAGEM.
2. FACES INFERIORES, DEIXANDO O PONTALETES DE ESCORAMENTO: 14 DIAS APÓS A CONCRETAGEM.
3. FACES INFERIORES SEM PONTALETES DE ESCORAMENTO: 28 DIAS APÓS A CONCRETAGEM.
4. NOS BALANÇOS, A RETIRADA DAS ESCORAS DEVERÁ SER REALIZADA DA PONTA PARA O APOIO.
5. É DE RESPONSABILIDADE DA CONSTRUTORA O PROJETO DE ESCORAMENTO E CIMENTAMENTO.