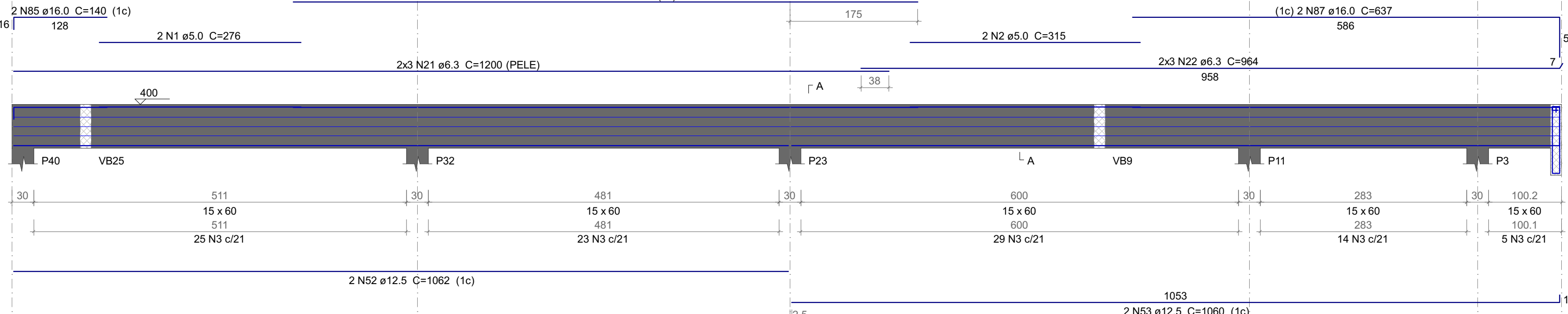


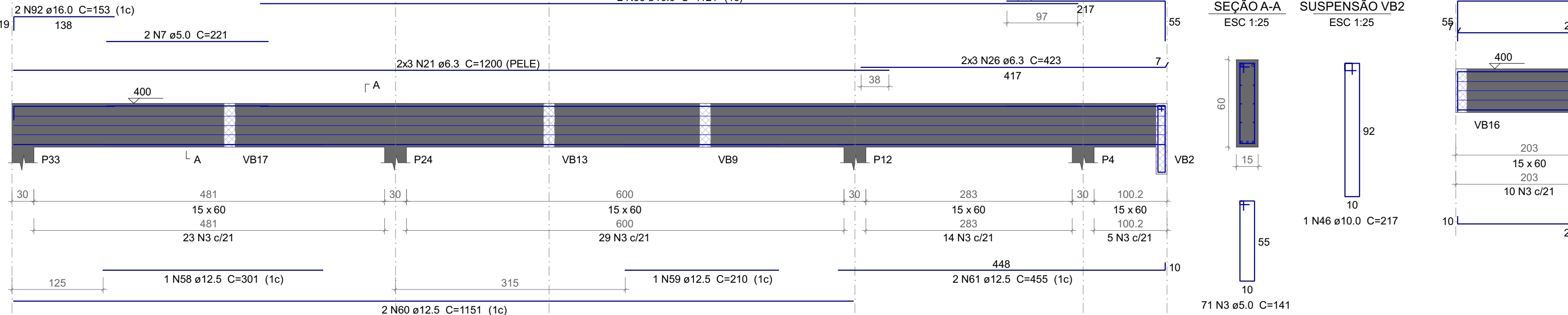
VB32

ESC 1:50



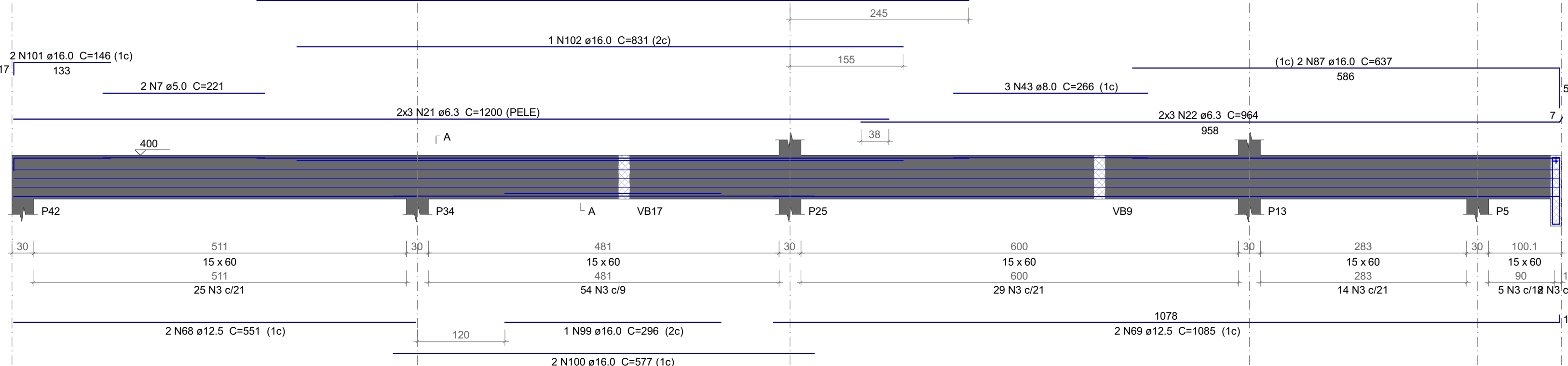
VB36

ESC 1:50



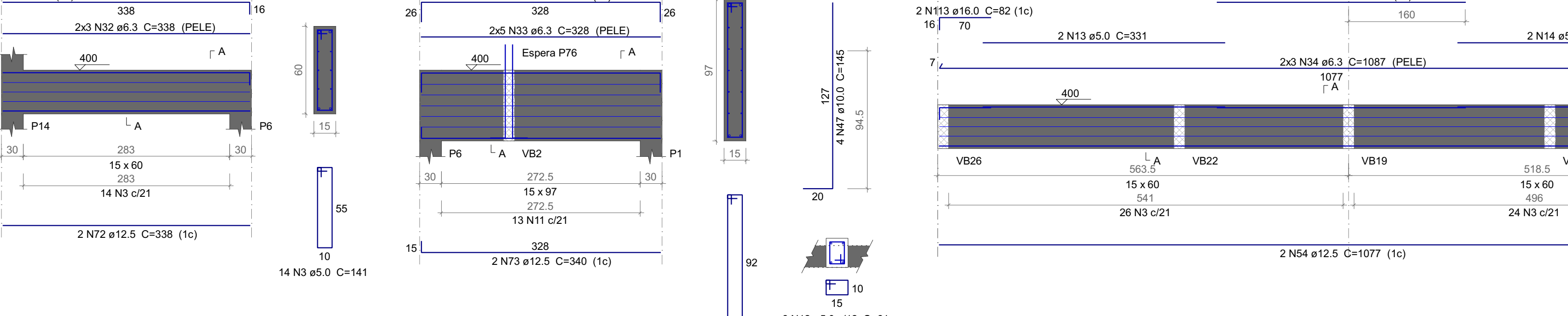
VB42

ESC 1:50



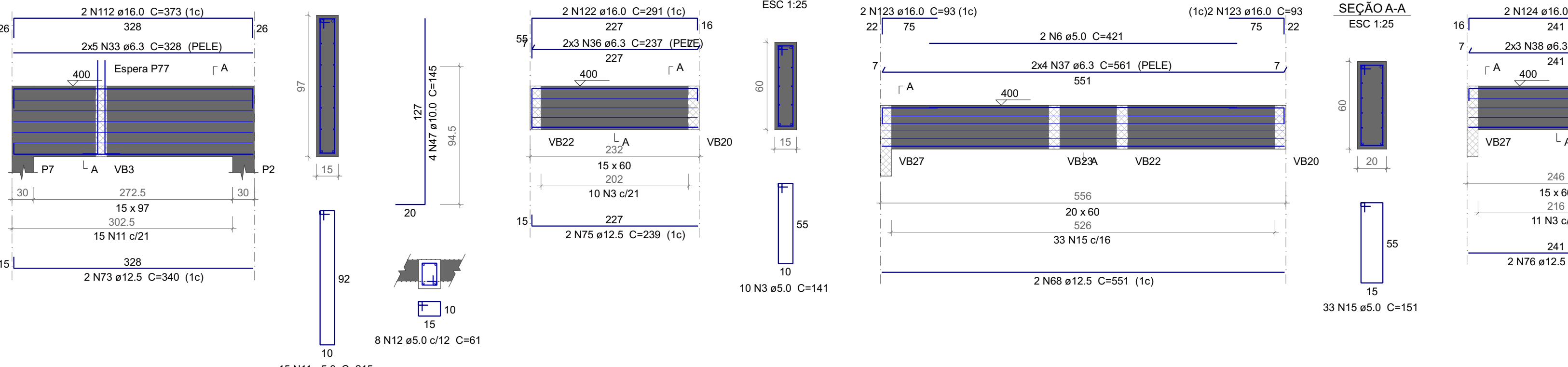
VB47

ESC 1:50



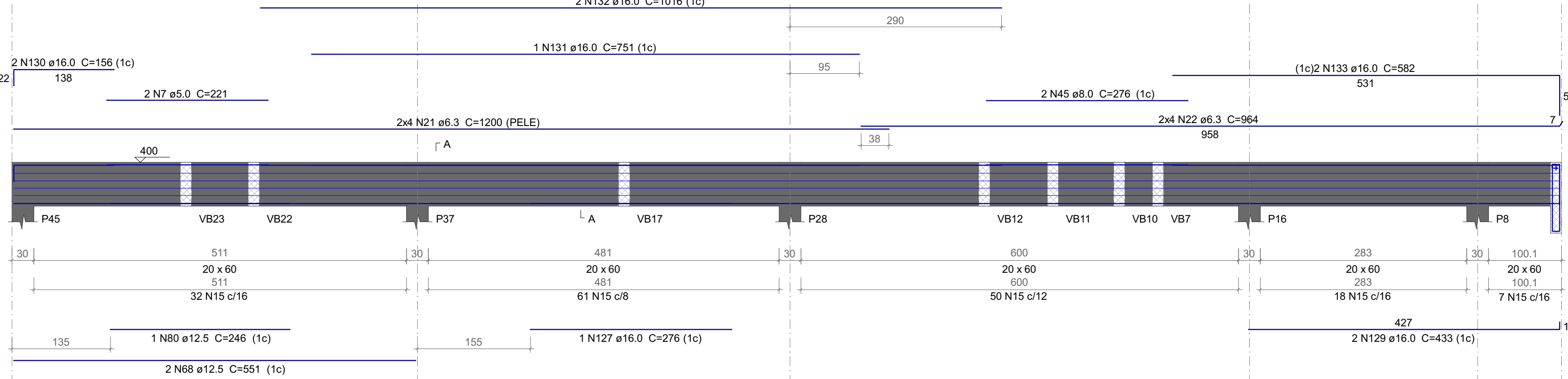
VB51

ESC 1:50



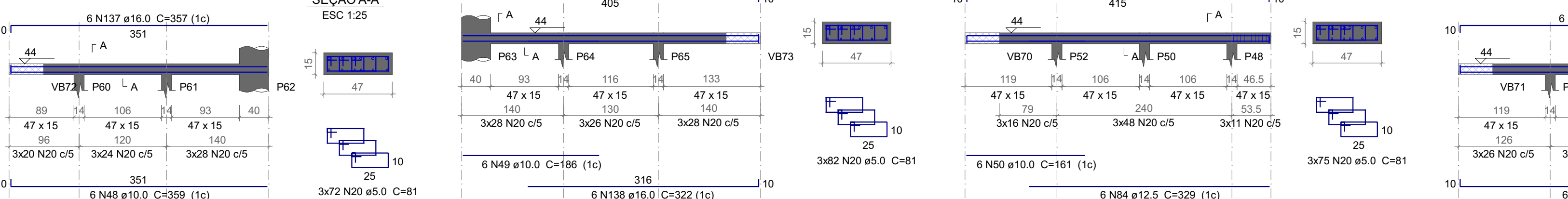
VB57

ESC 1:50



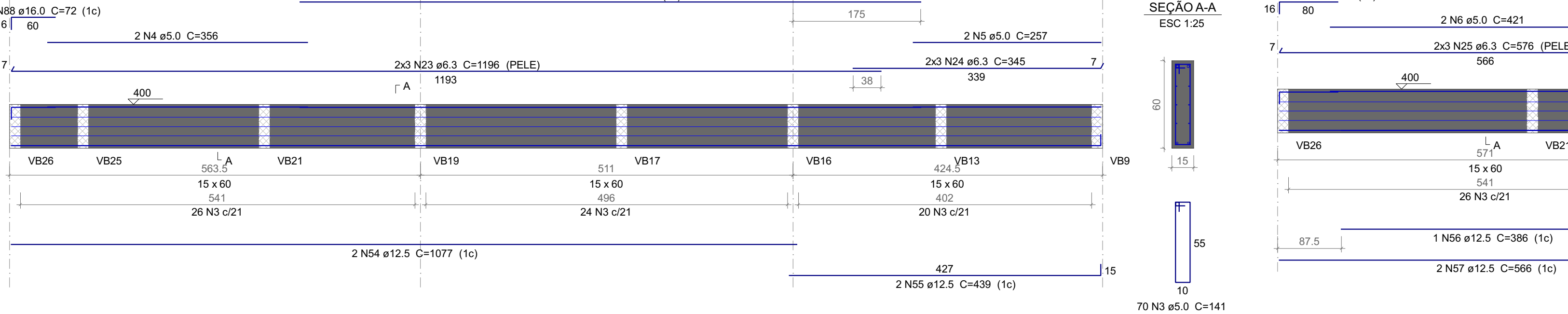
VB70

ESC 1:50



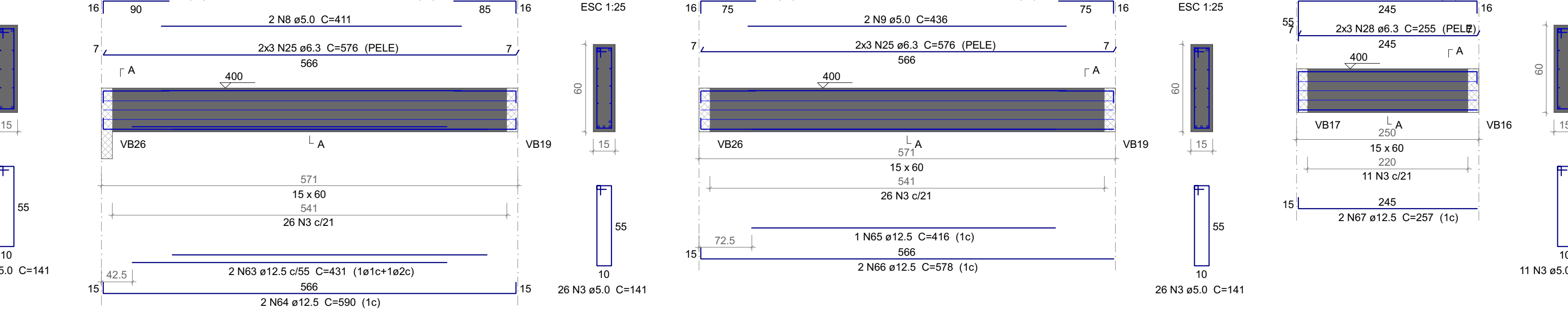
VB33

ESC 1:50



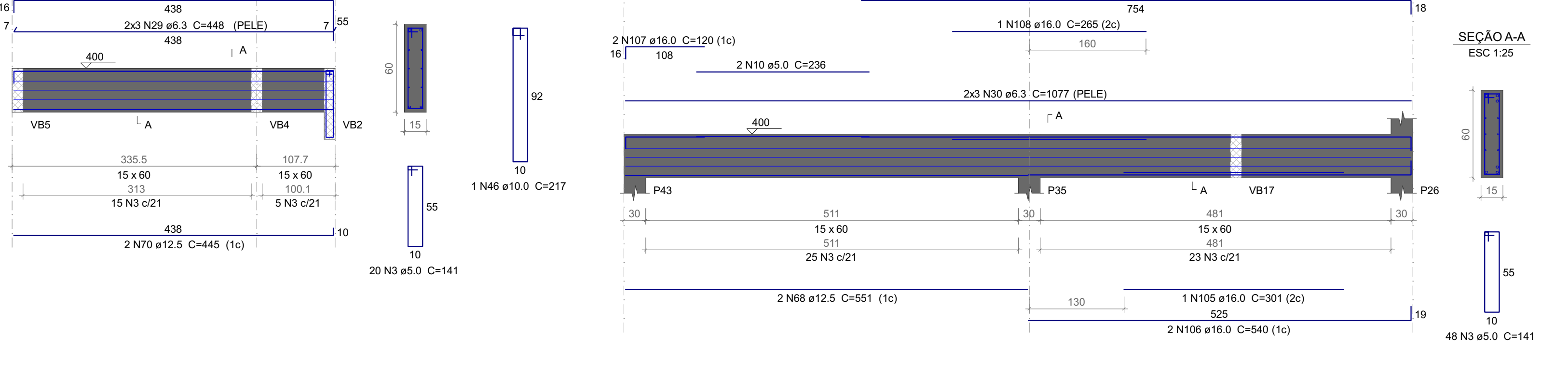
VB39

ESC 1:50



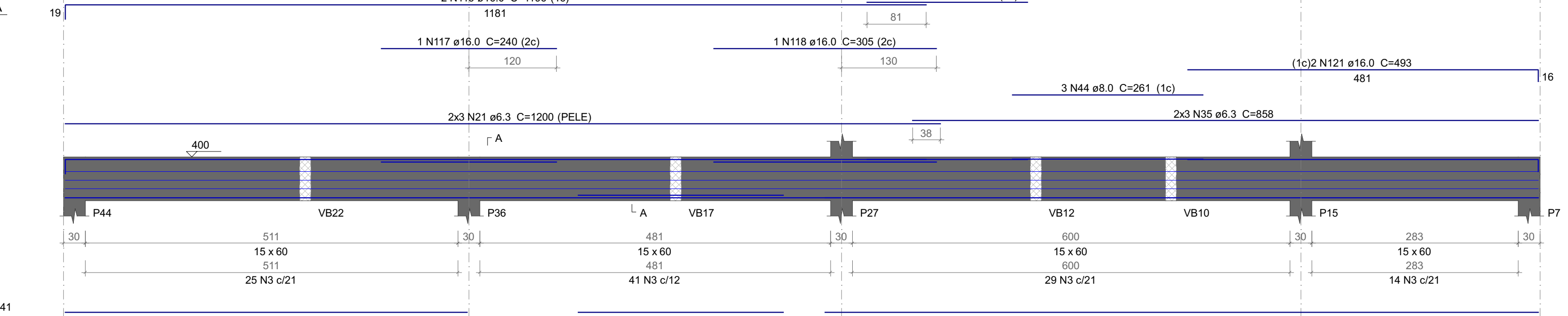
VB45

ESC 1:50



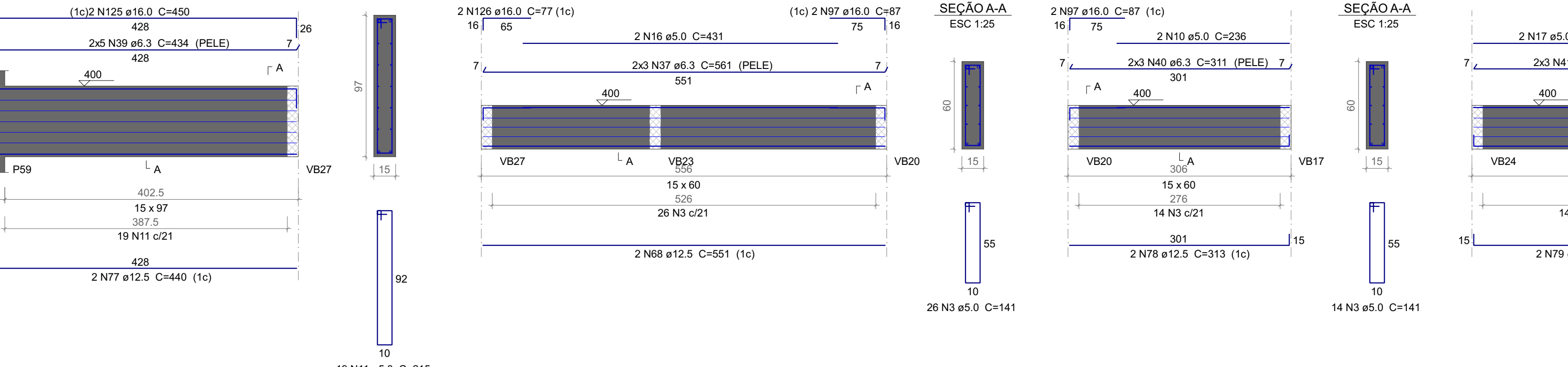
VB50

ESC 1:50



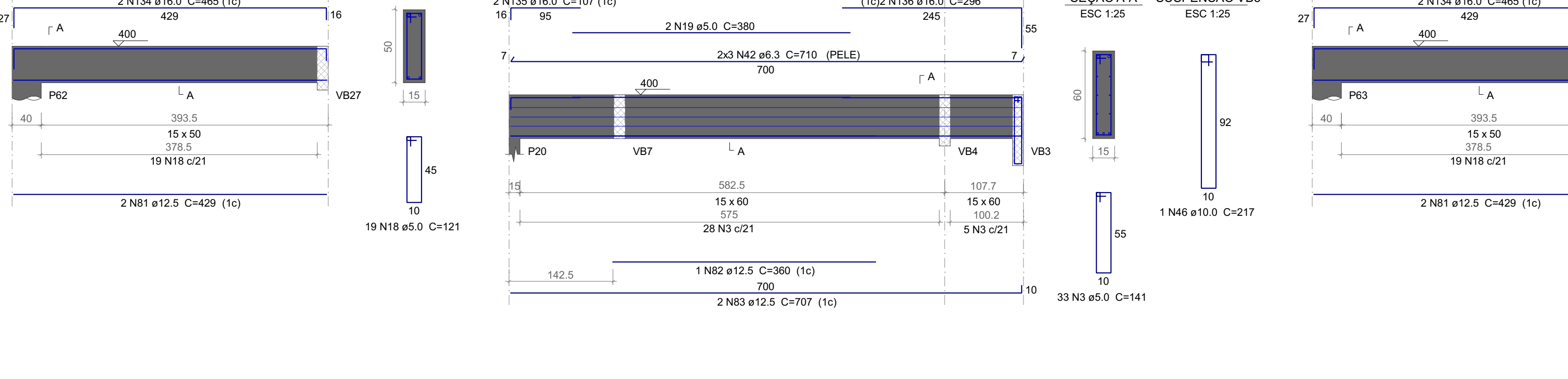
VB56

ESC 1:50



VB60

ESC 1:50



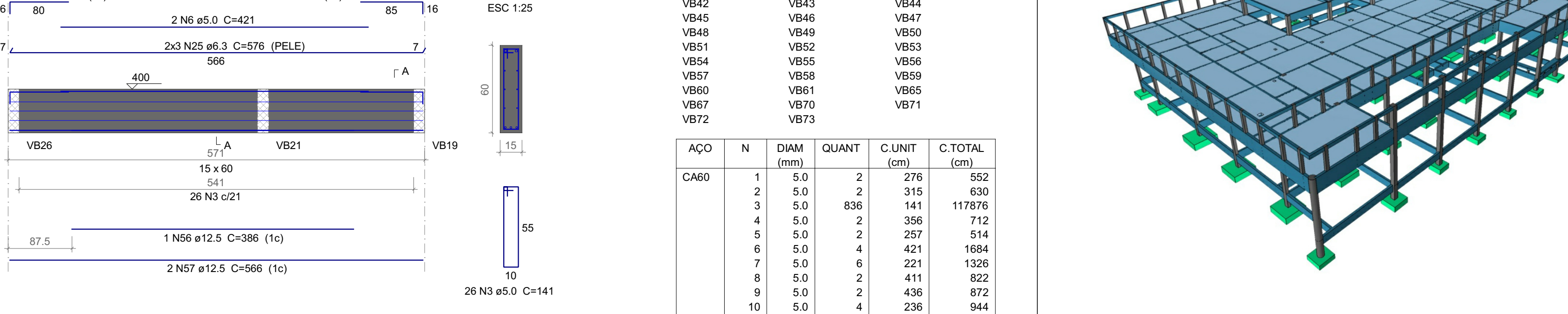
VB73

ESC 1:50



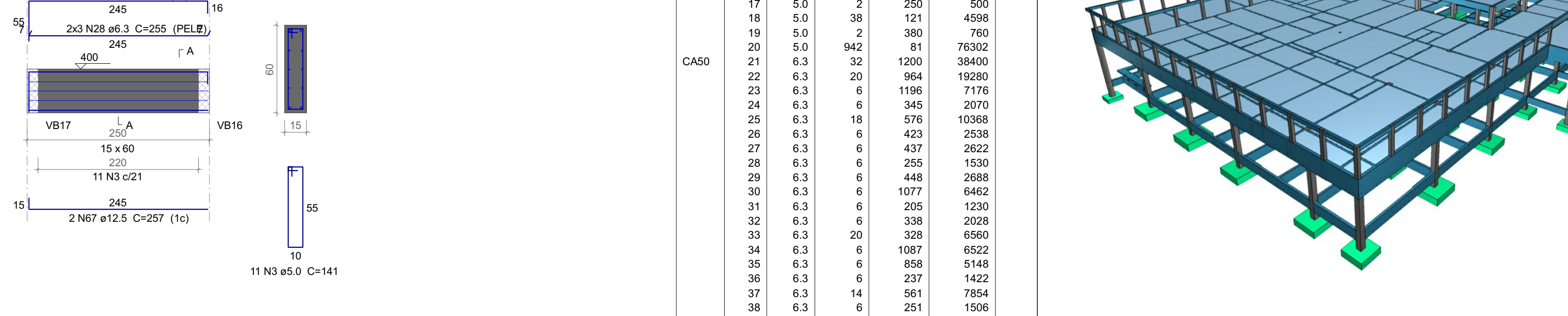
VB35

ESC 1:50



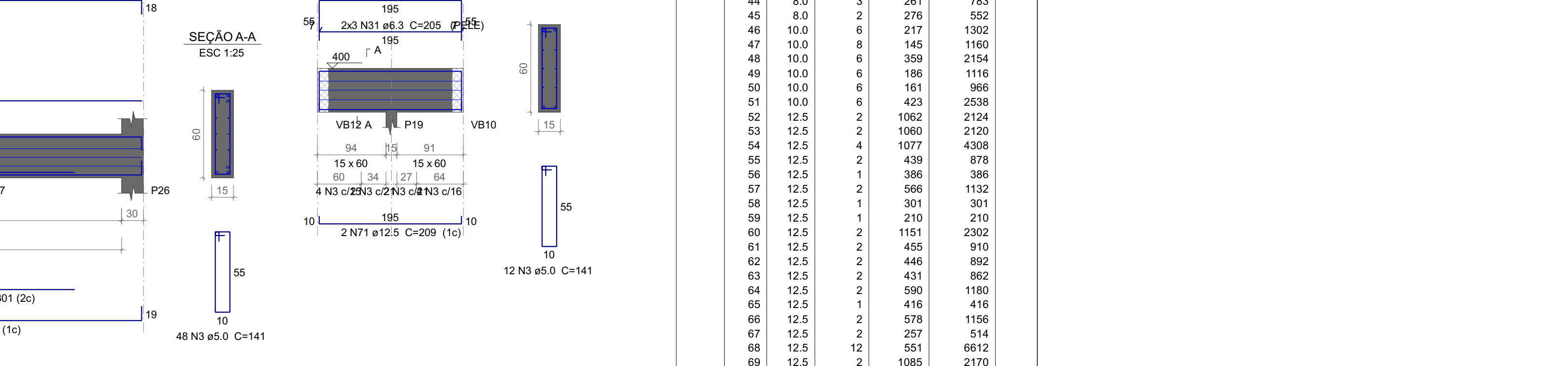
VB43

ESC 1:50



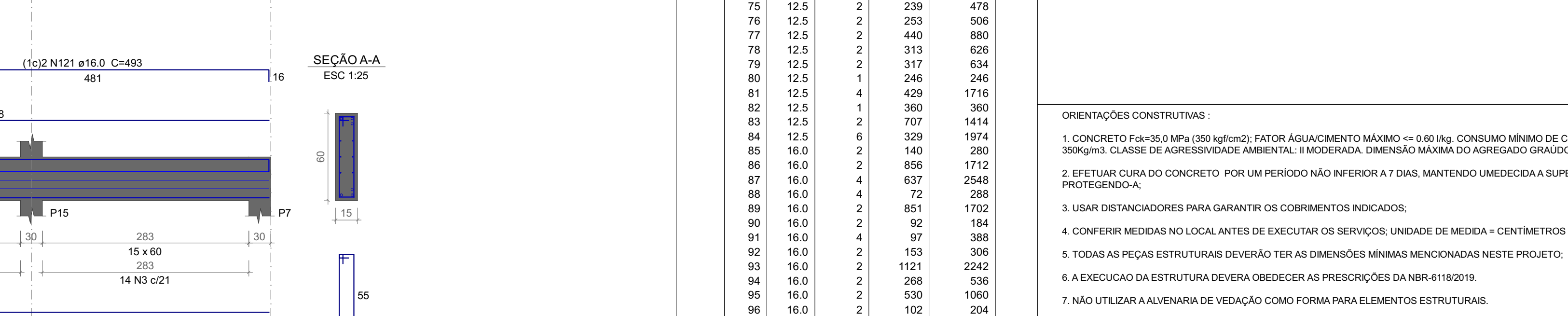
VB46

ESC 1:50



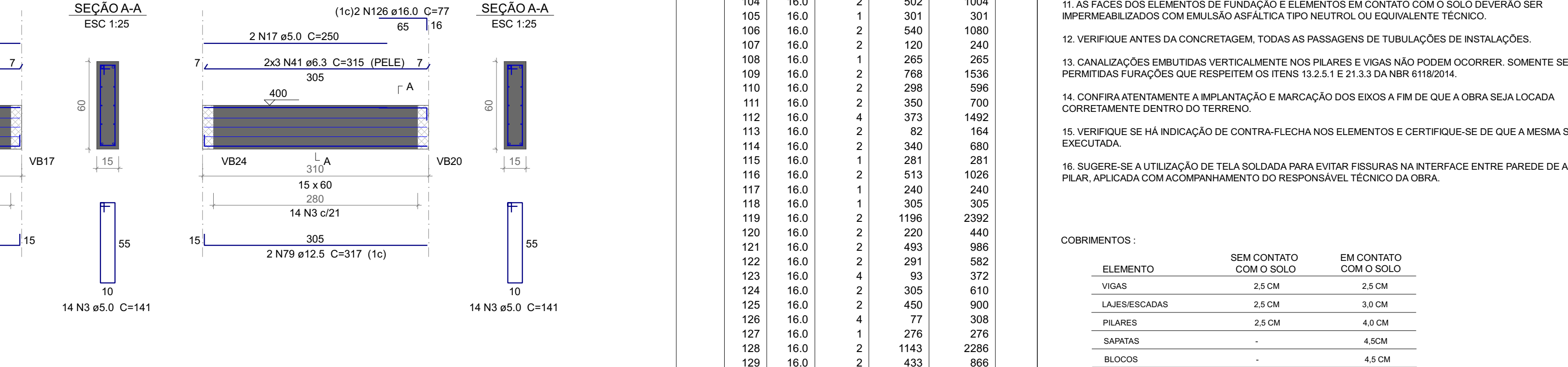
VB58

ESC 1:50



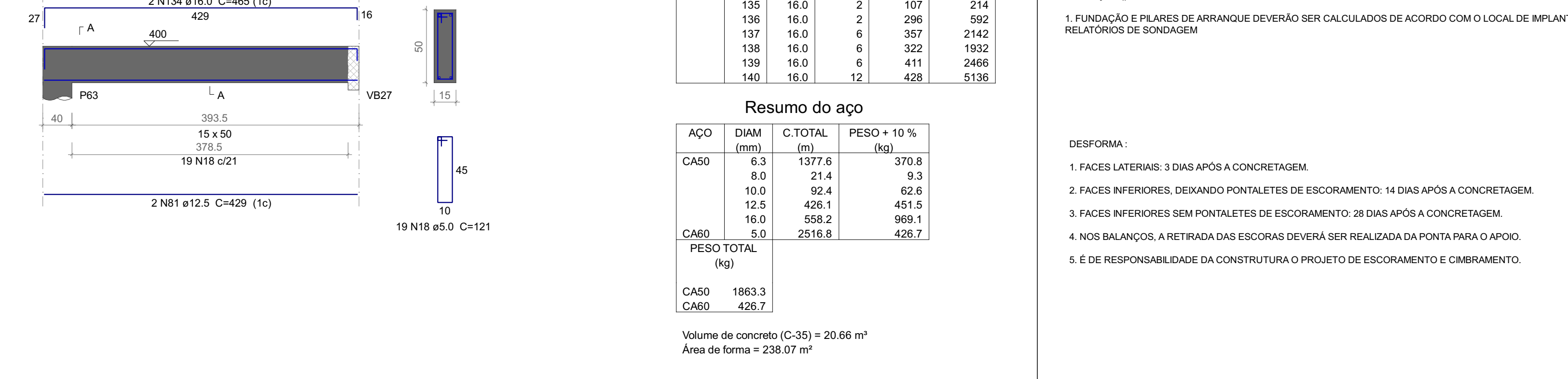
VB59

ESC 1:50



VB61

ESC 1:50



VB65

ESC 1:50



Relação do aço

VB32 VB33 VB35 VB36 VB39 VB42 VB43 VB44 VB45 VB46 VB47 VB48 VB49 VB50 VB51 VB52 VB53 VB54 VB55 VB56 VB57 VB58 VB59 VB60 VB61 VB62 VB63 VB64 VB65 VB66 VB67 VB68 VB69 VB70 VB71 VB72 VB73

AÇO	N	DIA (mm)	QUANT	CUMUL	C. TOTAL (kg)
CABO	1	5,0	2	276	552
	2	5,0	2	315	630
	3	5,0	836	141	1778
	4	5,0	2	309	618
	5	5,0	2	257	514
	6	5,0	4	421	842
	7	5,0	6	221	442
	8	5,0	2	431	862
	9	5,0	2	436	872
	10	5,0	4	236	472
	11	5,0	47	215	1065
	12	5,0	16	61	976
	13	5,0	2	331	662
	14	5,0	2	316	632
	15	5,0	201	151	3031
	16	5,0	2	431	862
	17	5,0	2	250	500
	18	5,0	38	121	4508
	19	5,0	2	380	760
	20	5,0	942	81	7692
	21	6,3	32	1200	36400
	22	6,3	20	964	10280
	23	6,3	6	1196	7176
	24	6,3	345	2071	2431
	25	6,3	18	576	10368
	26	6,3	6	423	2538
	27	6,3	6	437	2622
	28	6,3	6	255	1530
	29	6,3	6	448	2688
	30	6,3	6	1077	6462
	31	6,3	3	205	1230
	32	6,3	6	338	2028
	33	6,3	20	328	6560
	34	6,3	6	1087	6522
	35	6,3	6	858	5148
	36	6,3	6	237	1422
	37	6,3	14	561	7854
	38	6,3	6	251	1506
	39	6,3	10	434	4340
	40	6,3	6	211	1866
	41	6,3	6	315	1980
	42	6,3	6	710	4260
	43	8,0	3	286	798
	44	8,0	3	281	783
	45	8,0	2	275	682
	46	10,0	6	217	1302
	47	10,0	4	145	1160
	48	10,0	6	359	2154
	49	10,0	6	186	1116
	50	10,0	6	181	966
	51	10,0	6	423	2538
	52	12,5	2	1962	2124
	53	12,5	2	1080	2100
	54	12,5	4	1077	4308
	55	12,5	2	439	878
	56	12,5	1	386	386
	57	12,5	2	566	1132
	58	12,5	1	301	301
	59	12,5	1	210	210
	60	12,5	2	185	2320
	61	12,5	2	455	910
	62	12,5	2	446	892
	63	12,5	2	431	862
	64	12,5	2	590	1180
	65	12,5	6	416	416
	66	12,5	2	578	1156
	67	12,5	2	297	514
	68	12,5	12	551	6612
	69	12,5	2	1085	2170
	70	12,5	2	445	890
	71	12,5	2	209	418
	72	12,5	2	338	676
	73	12,5	4	340	1360
	74	12,5	2	978	1956
	75	12,5	2	239	478
	76	12,5	6	253	1518
	77	12,5	2	440	880
	78	12,5	2	313	626
	79	12,5	2	317	634
	80	12,5	1	246	246
	81	12,5	4	429	1716
	82	12,5	1	360	360
	83	12,5	1	707	1414
	84	12,5	6	329	1974
	85	16,0	2	140	280
	86	16,0	2	856	1712
	87	16,0	4	637	2548
	88	16,0	4	72	288
	89	16,0	2	851	1702
	90	16,0	2	95	190
	91	16,0	4	97	388
	92	16,0	2	251	502
	93	16,0	2	1121	2242
	94	16,0	2	268	536
	95	16,0	2	530	1060
	96	16,0	2	102	204
	97	16,0	8	87	696
	98	16,0	2	309	618
	99	16,0	2	296	592
	100	16,0	2	577	1154
	101	16,0	2	146	292
	102	16,0	1	631	631
	103	16,0	2	978	1956
	104	16,0	2	502	1004
	105	16,0	1	301	301
	106	16,0	2	840	1680
	107	16,0	2	120	240
	108	16,0	2	265	530
	109	16,0	2	768	1536
	110	16,0	2	298	596
	111	16,0	2	350	700
	112	16,0	2	373	746
	113	16,0	2	82	164
	114	16,0	2	340	680
	115	16,0	1	281	281
	116	16,0	2	513	1026
	117	16,0	1	240	240
	118	16,0	1	305	305
	119	16,0	2	1196	2392
	120	16,0	2	220	440
	121	16,0	2	463	926
	122	16,0	2	291	582
	123	16,0	4	93	372
	124	16,0	2	305	610
	125	16,0	2	450	900
	126	16,0	4	77	308
	127	16,0	1	276	276
	128	16,0	2	1143	2286
	129	16,0	2	433	866
	130	16,0	2	156	312
	131	16,0	1	751	751
	132	16,0	2	1016	2032
	133	16,0	2	580	1160
	134	16,0	4	465	1860
	135	16,0	2	107	214
	136	16,0	2	296	592
	137	16,0	6	357	2142
	138	16,0	6	322	1932
	139	16,0	6	411	2466
	140	16,0	12	628	5136

DIAM (mm)	QUANT	C.UNIT (cm)
5.0	2	276
5.0	2	315
5.0	836	141
5.0	2	356
5.0	2	257
5.0	4	421
5.0	6	221
5.0	2	411
5.0	2	436
5.0	4	236