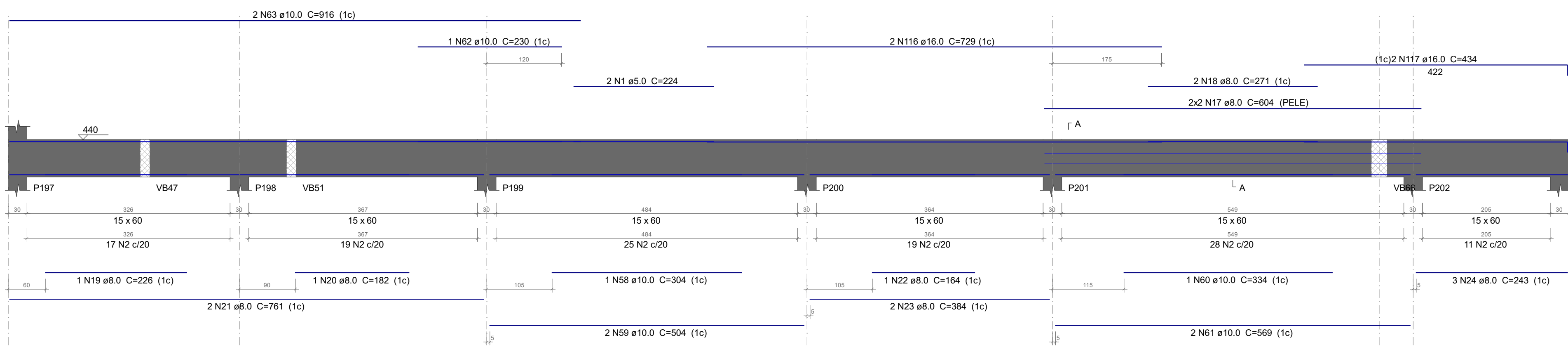


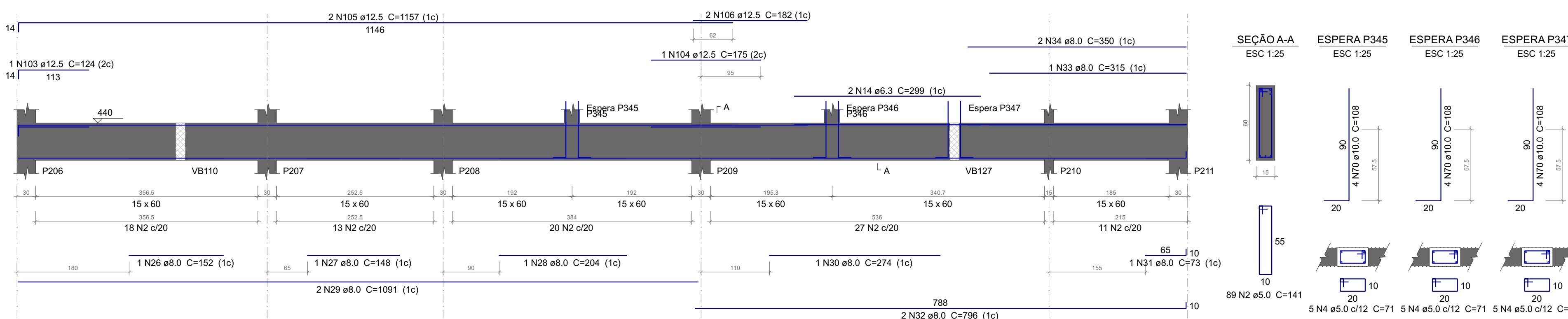
VB37

ESC 1:50



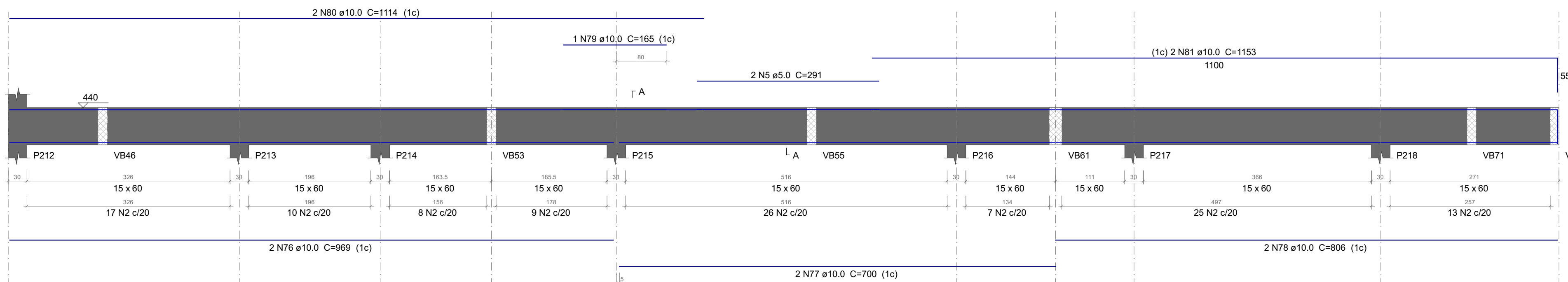
VB39

ESC 1:50



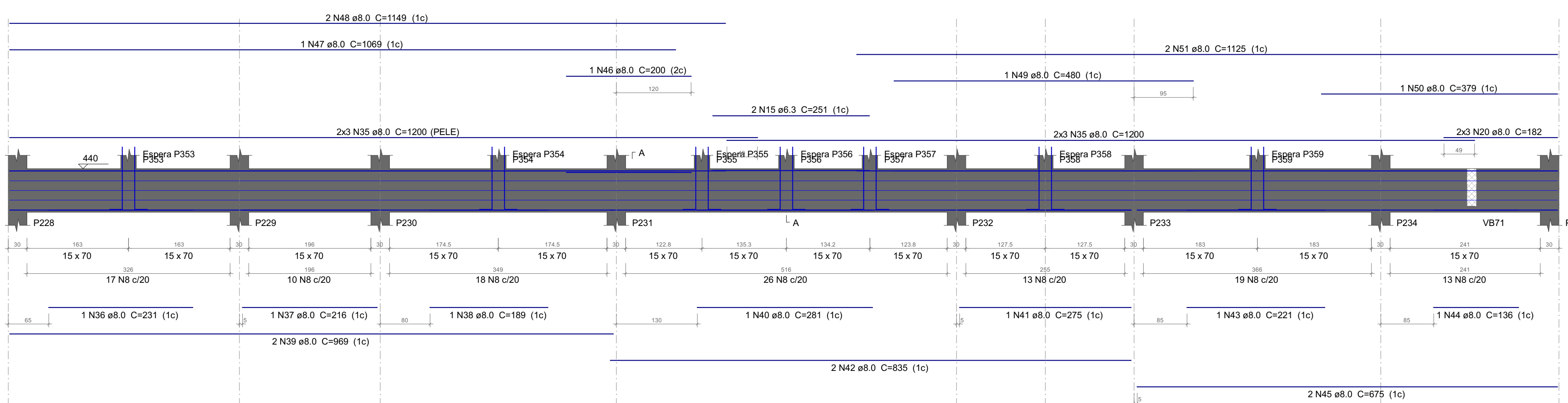
VB40

ESC 1:50



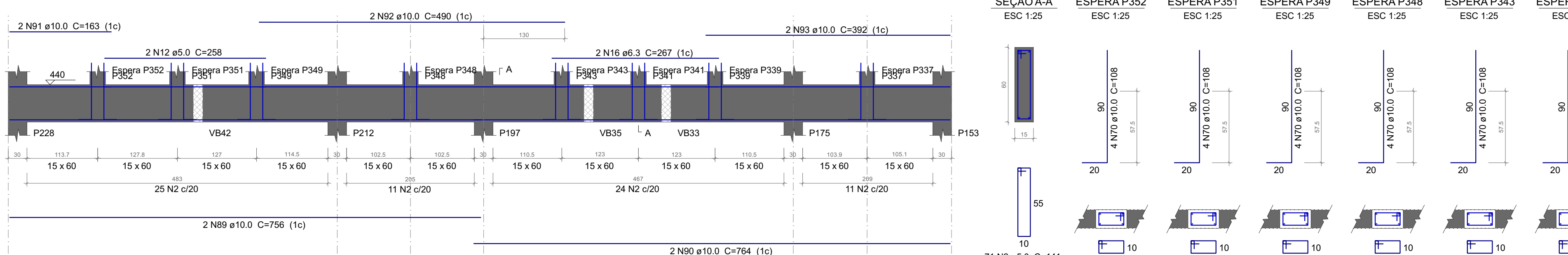
VB44

ESC 1:50



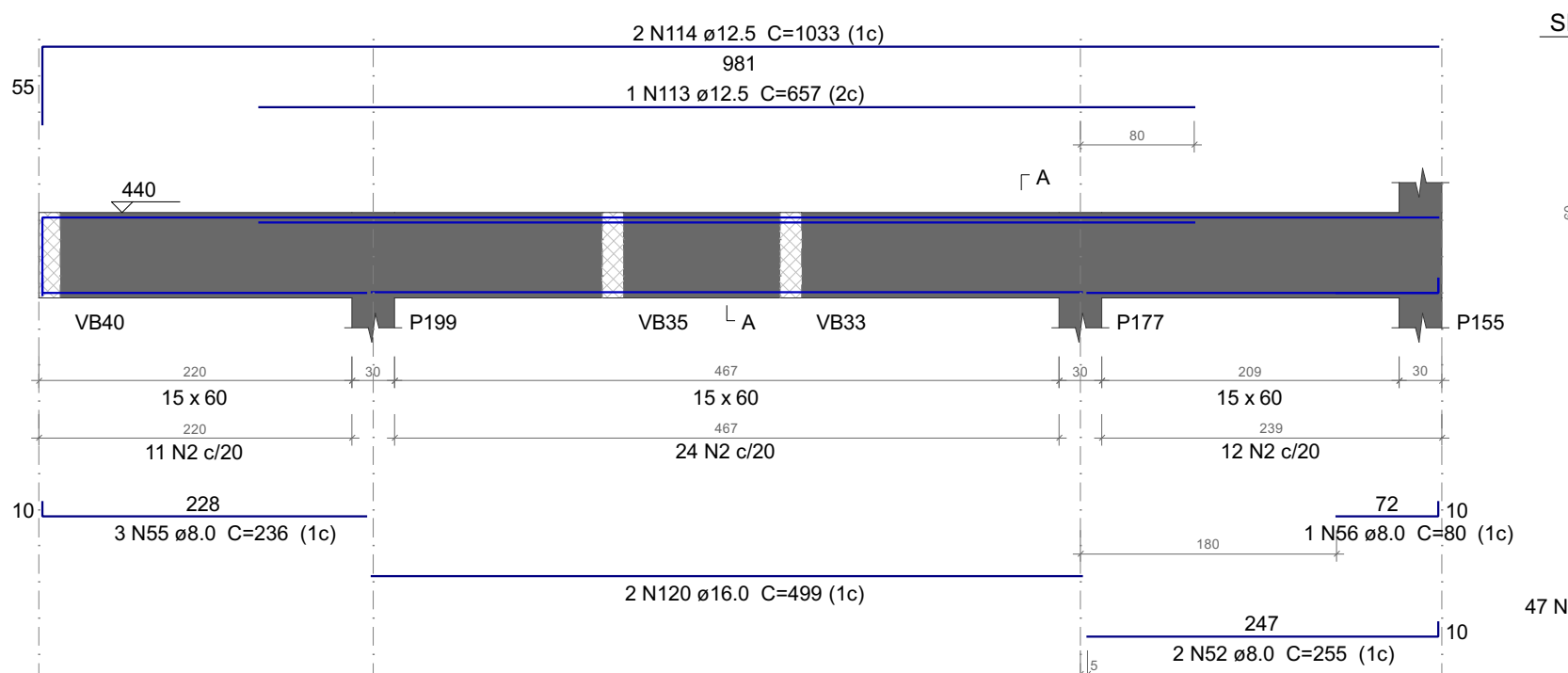
VB45

ESC 1:50



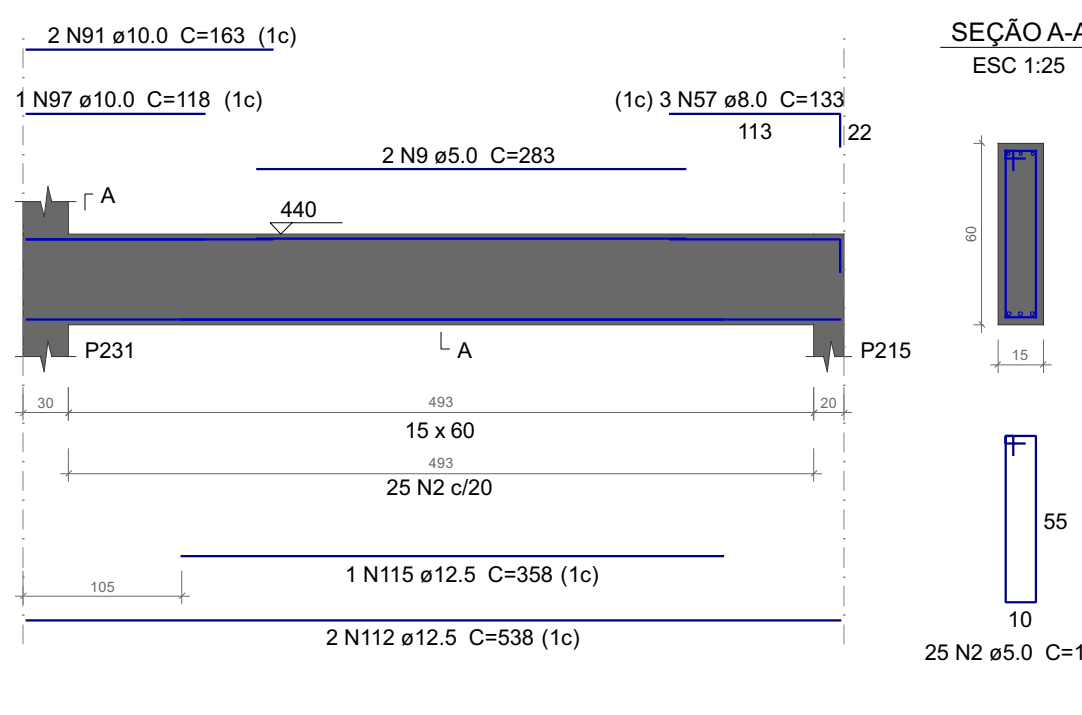
VB53

ESC 1:50



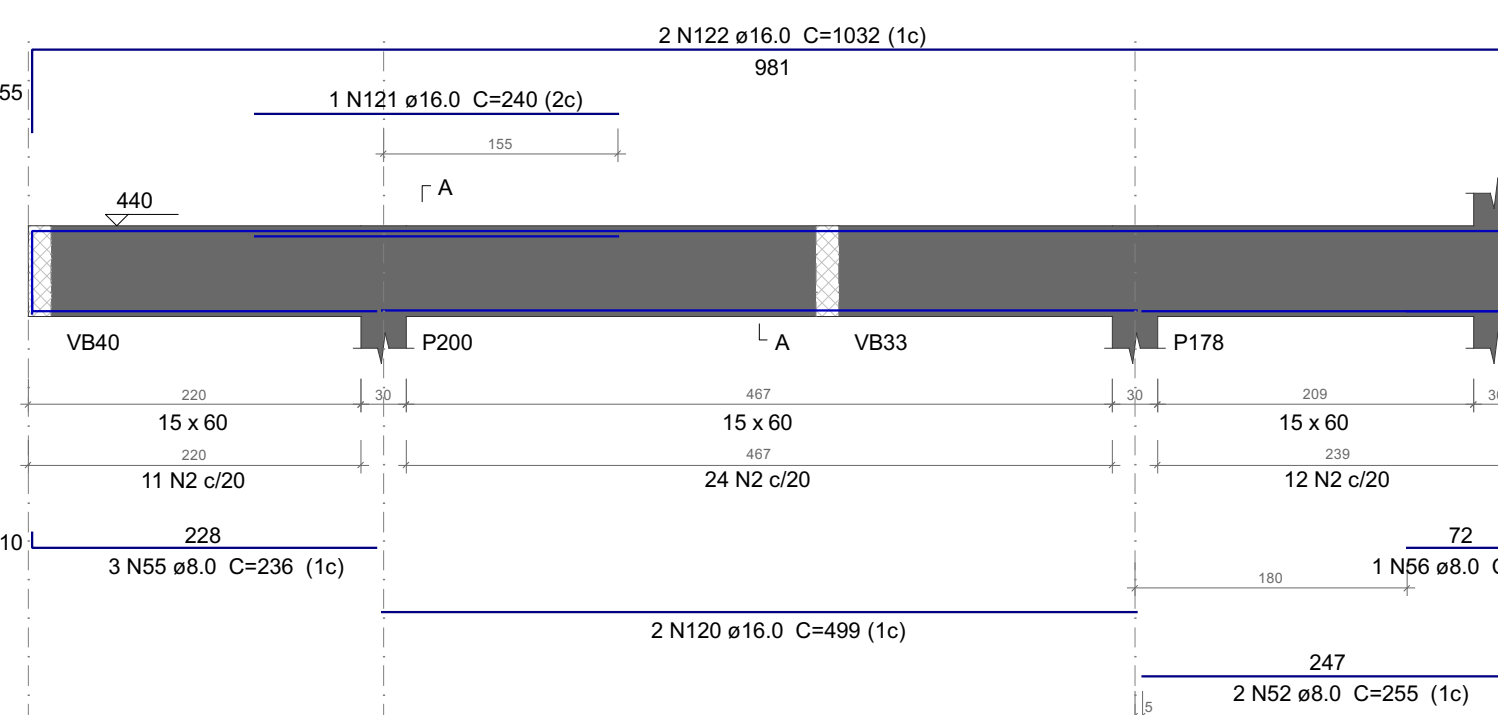
VB54

ESC 1:50



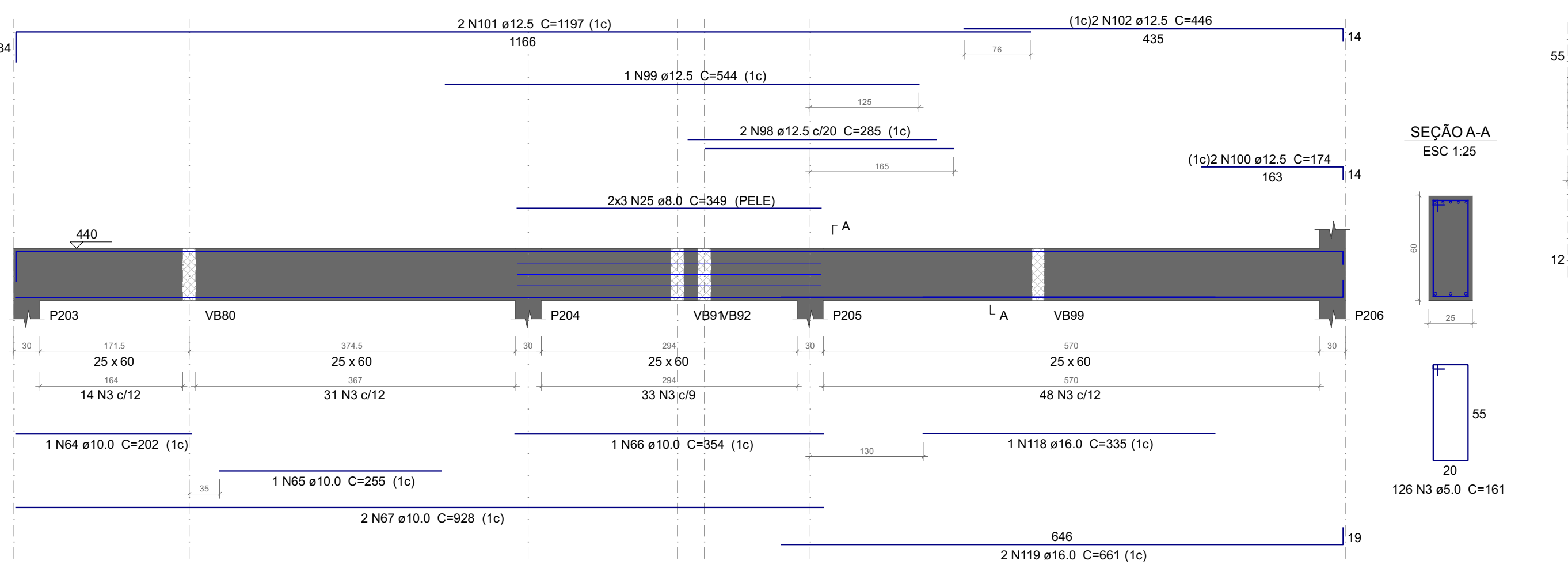
VB55

ESC 1:50



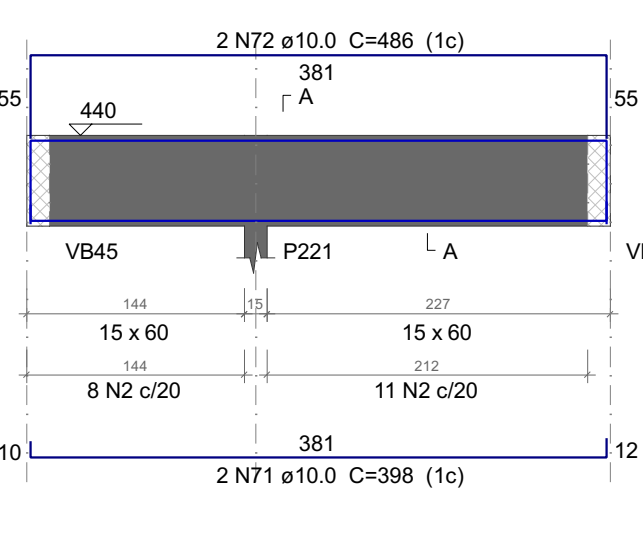
VB38

ESC 1:50



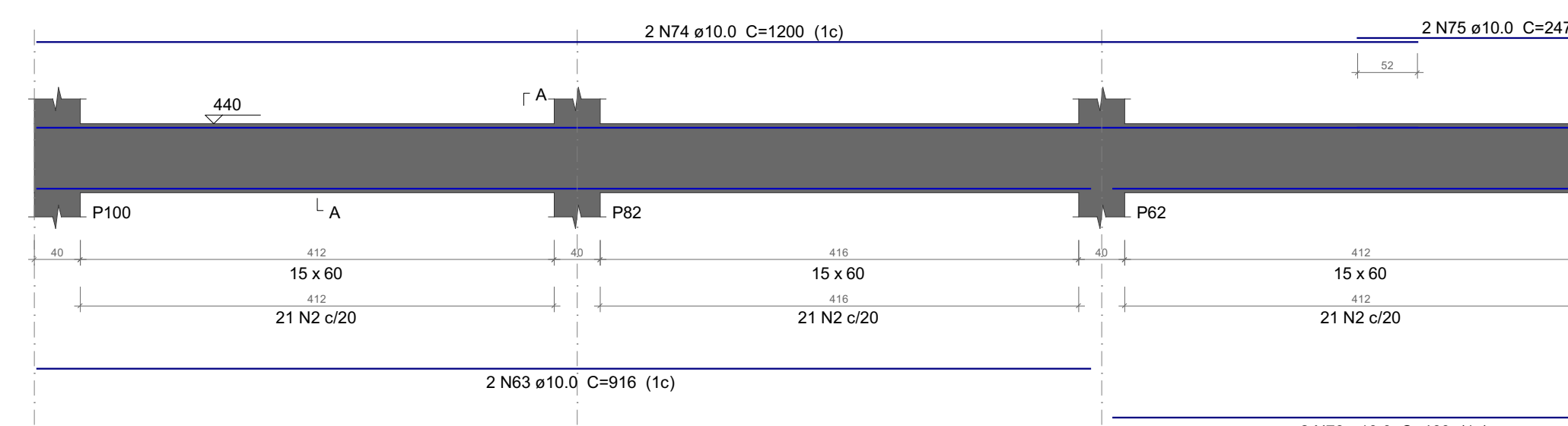
VB42

ESC 1:50



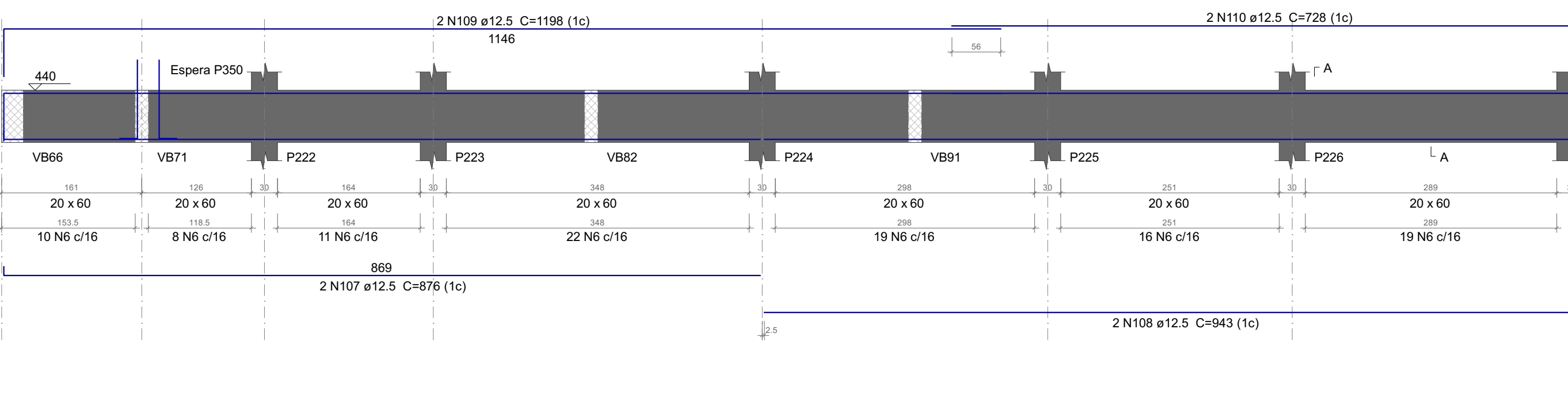
VB48

ESC 1:50



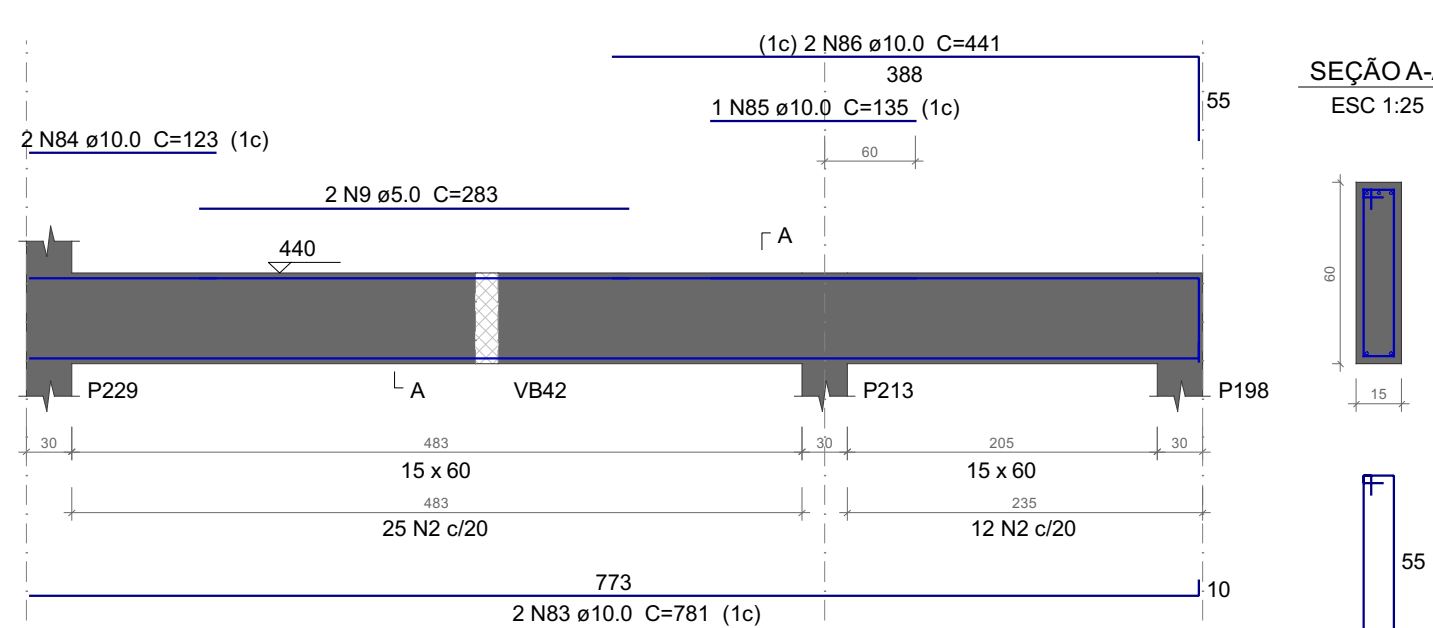
VB43

ESC 1:50



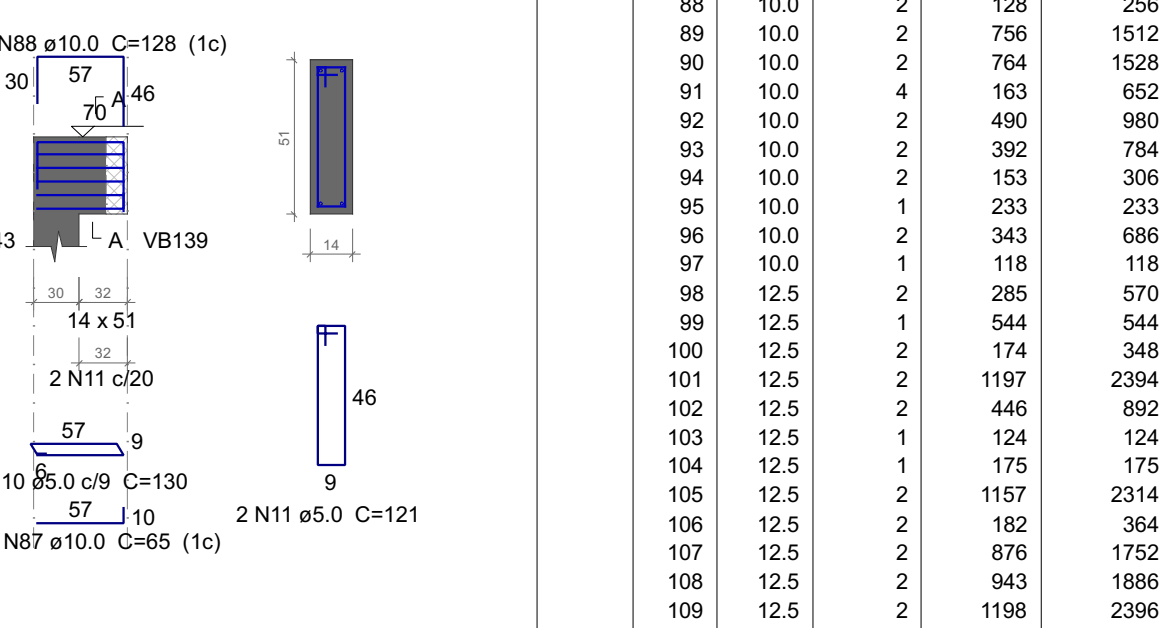
VB49

ESC 1:50



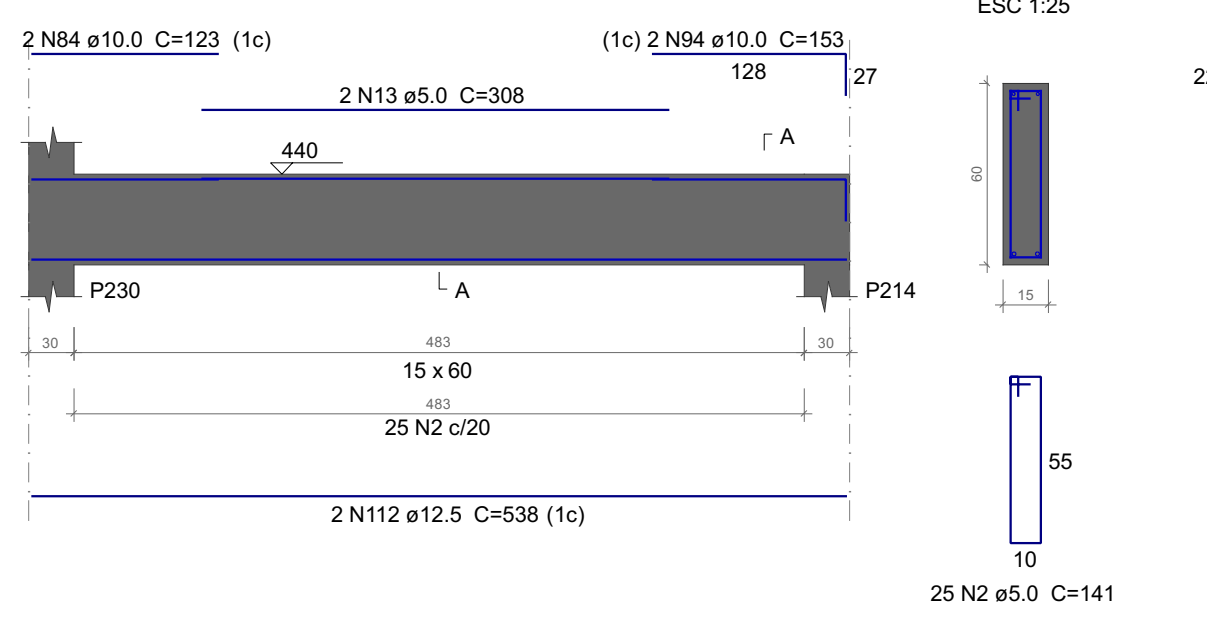
VB146

ESC 1:50



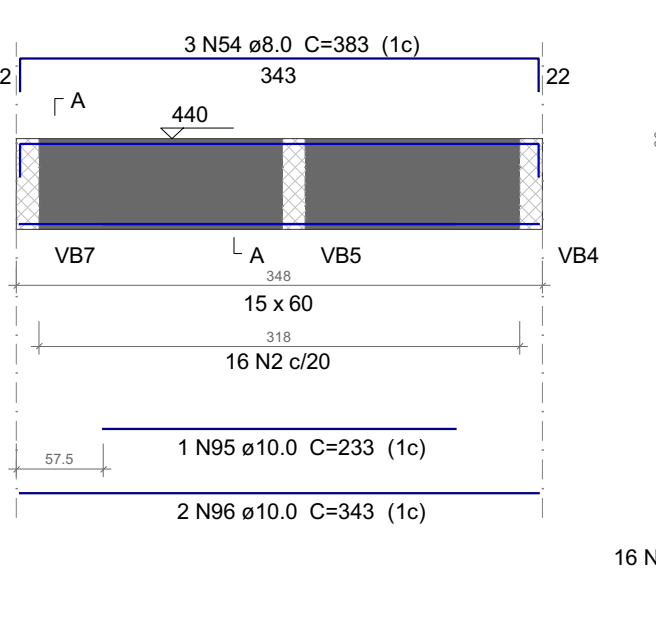
VB52

ESC 1:50



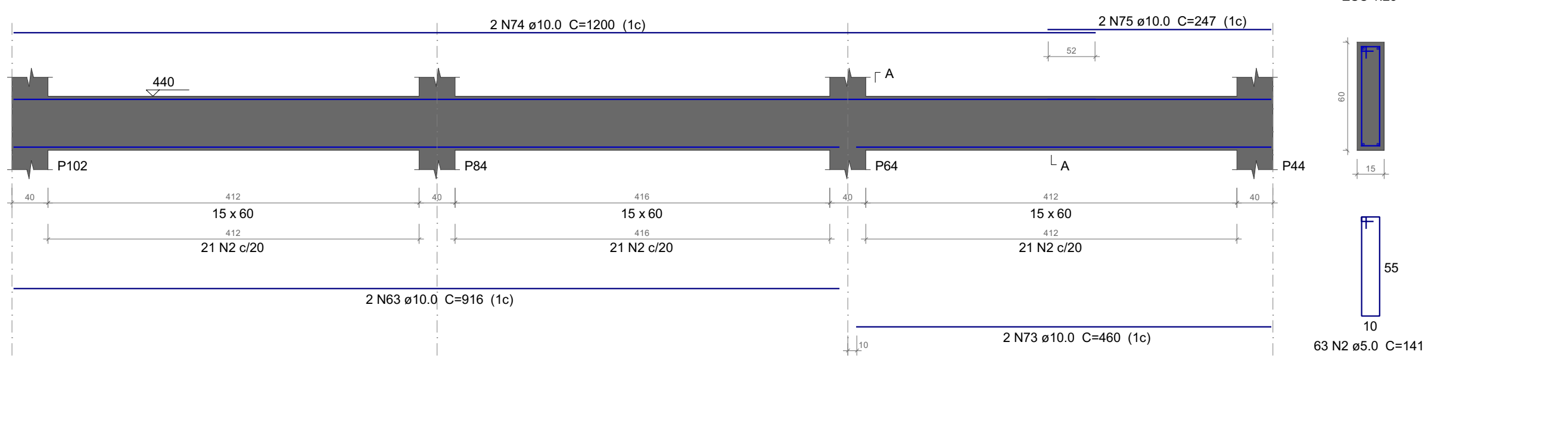
VB76

ESC 1:50



VB57

ESC 1:50



Relação do aço

ESC 1:25

ACO	N	DIAM (mm)	QUANT	C UNIT	C TOTAL
VB37	1	5.0	2	224	448
VB40	2	5.0	173	141	10960
VB42	3	5.0	126	161	20286
VB44	4	5.0	97	191	18607
VB45	5	5.0	2	291	582
VB48	6	5.0	105	151	15855
VB49	7	5.0	5	81	405
VB50	8	5.0	116	161	18676
VB51	9	5.0	4	130	520
VB53	10	5.0	4	130	520
VB54	11	5.0	2	121	242
VB55	12	5.0	2	258	516
VB57	13	5.0	2	258	516
VB146	14	6.3	2	299	598
	15	6.3	2	299	598
	16	6.3	2	267	534
	17	8.0	4	604	2416
	18	8.0	2	271	542
	19	8.0	1	164	164
	20	8.0	7	162	1274
	21	8.0	2	751	1522
	22	8.0	1	164	164
	23	8.0	2	364	728
	24	8.0	3	349	1047
	25	8.0	6	349	2094
	26	8.0	1	152	152
	27	8.0	1	148	148
	28	8.0	1	294	294
	29	8.0	2	1091	2182
	30	8.0	1	274	274
	31	8.0	1	73	73
	32	8.0	1	73	73
	33	8.0	1	315	315
	34	8.0	2	350	700
	35	8.0	12	1200	14400
	36	8.0	1	231	231
	37	8.0	1	236	236
	38	8.0	1	189	189
	39	8.0	1	869	869
	40	8.0	1	281	281
	41	8.0	1	275	275
	42	8.0	2	635	1270
	43	8.0	1	221	221
	44	8.0	1	136	136
	45	8.0	2	675	1350
	46	8.0	1	200	200
	47	8.0	1	1069	1069
	48	8.0	1	1149	1149
	49	8.0	1	480	480
	50	8.0	1	379	379
	51	8.0	2	1125	2250
	52	8.0	7	255	1785
	53	8.0	3	605	1815
	54	8.0	3	383	1149
	55	8.0	6	236	1416
	56	8.0	2	80	160
	57	8.0	3	133	399
	58	10.0	1	304	304
	59	10.0	2	504	1008
	60	10.0	1	334	334
	61	10.0	2	569	1138
	62	10.0	1	230	230
	63	10.0	6	916	5496
	64	10.0	1	202	202
	65	10.0	1	250	250
	66	10.0	1	304	304
	67	10.0	2	658	1316
	68	10.0	2	196	392
	69	10.0	2	262	524
	70	10.0	48	108	5184
	71	10.0	1	186	186
	72	10.0	2	486	972
	73	10.0	2	969	1938
	74	10.0	4	1200	4800
	75	10.0	4	247	988
	76	10.0	1	869	869
	77	10.0	2	700	1400
	78	10.0	2	806	1612
	79	10.0	1	165	165
	80	10.0	1	1114	1114
	81	10.0	2	1153	2306
	82	10.0	26	115	3004
	83	10.0	2	791	1582
	84	10.0	4	125	500
	85	10.0	1	135	135
	86	10.0	1	441	441
	87	10.0	2	65	130
	88	10.0	2	128	256
	89	10.0	2	756	1512
	90	10.0	2	764	1528
	91	10.0	4	163	652
	92	10.0	2	490	980
	93	10.0	2	392	784
	94	10.0	2	153	306
	95	10.0	1	223	223
	96	10.0	2	343	686
	97	10.0	1	119	119
	98	12.5	2	295	590
	99	12.5	1	544	544
	100	12.5	2	174	348
	101	12.5	2	1197	2394
	102	12.5	2	446	892
	103	12.5	1	124	124
	104	12.5	1	175	175
	105	12.5	2	1107	2214
	106	12.5	2	876	1752
	107	12.5	2	963	1926
	108	12.5	2	729	1458
	109	12.5	2	1198	2396
	110	12.5	2	729	1458
	111	12.5	2	343	686
	112	12.5	4	638	2552
	113	12.5	1	697	697
	114	12.5	2	1023	2046
	115	12.5	1	358	358
	116	16.0	2	729	1458
	117	16.0	2	434	868
	118	16.0	1	335	335
	119	16.0	2	661	1322
	120	16.0	4	499	1996
	121	16.0	1	260	260
	122	16.0	2	1032	2064

Resumo do aço

ESC 1:25

ACO	DIAM (mm)	C TOTAL	PESO + 10 %
VB37	5.0	448	4.4
VB40	5.0	10960	109.6
VB42	5.0	20286	202.86
VB44	5.0	18607	186.07
VB45	5.0	582	5.82
VB48	5.0	15855	158.55
VB49	5.0	405	4.05
VB50	5.0	18676	186.76
VB51	5.0	520	5.2
VB53	5.0	520	5.2
VB54	5.0	242	2.42
VB55	5.0	516	5.16
VB57	5.0	516	5.16
VB146	6.3	598	5.98
	6.3	598	5.98
	6.3	534	5.34
	8.0	2416	24.16
	8.0	542	5.42
	8.0	164	1.64
	8.0	1274	12.74
	8.0	1522	15.22
	8.0	728	7.28
	8.0	1047	10.47
	8.0	152	1.52
	8.0	148	1.48
	8.0	294	2.94
	8.0	2182	21.82
	8.0	274	2.74
	8.0	73	0.73
	8.0	73	0.73
	8.0	315	3.15
	8.0	700	7.0
	8.0	14400	144.0
	8.0	231	2.31
	8.0	236	2.36
	8.0	189	1.89
	8.0	869	8.69
	8.0	281	2.81
	8.0	275	2.75
	8.0	1270	12.7
	8.0	221	2.21
	8.0	136	1.36
	8.0	1350	13.5
	8.0	200	2.0
	8.0	1069	10.69
	8.0	1149	11.49
	8.0	480	4.8
	8.0	379	3.79
	8.0	2250	22.5
	8.0	1785	17.85
	8.0	1815	18.15
	8.0	1149	11.49
	8.0	1416	14.16
	8.0	160	1.6
	8.0	399	3.99
	10.0	304	3.04
	10.0	1008	10.08
	10.0	334	3.34
	10.0	1138	11.38
	10.0	230	2.3
	10.0	5496	54.96
	10.0	202	2.02
	10.0	250	2.5
	10.0	304	3.04
	10.0	1316	13.16
	10.0	392	3.92
	10.0	524	5.24
	10.0	5184	51.84
	10.0	186	1.86
	10.0	972	9.72
	10.0	1938	19.38
	10.0	4800	48.0
	10.0	247	2.47
	10.0	869	8.69
	10.0	1400	14.0
	10.0	1612	16.12
	10.0	165	1.65