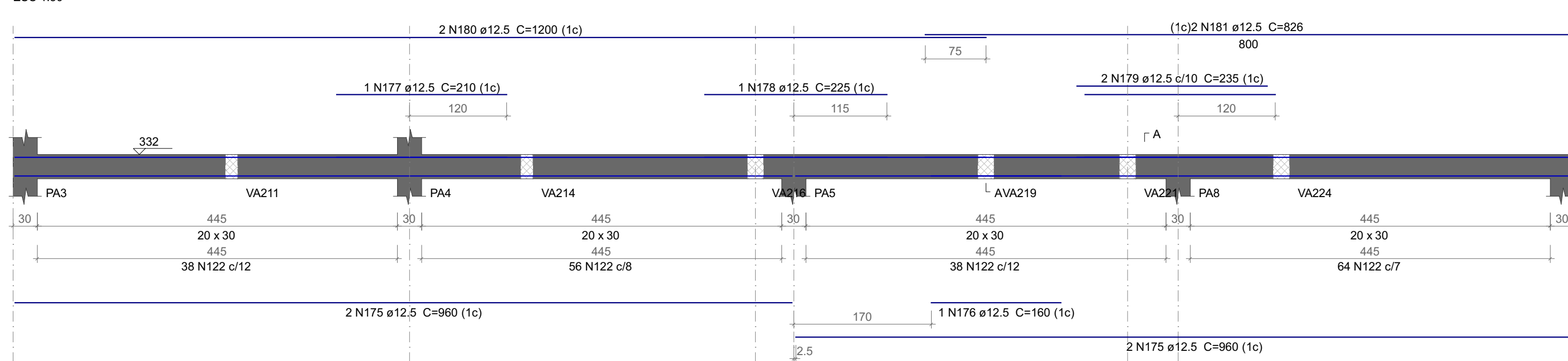
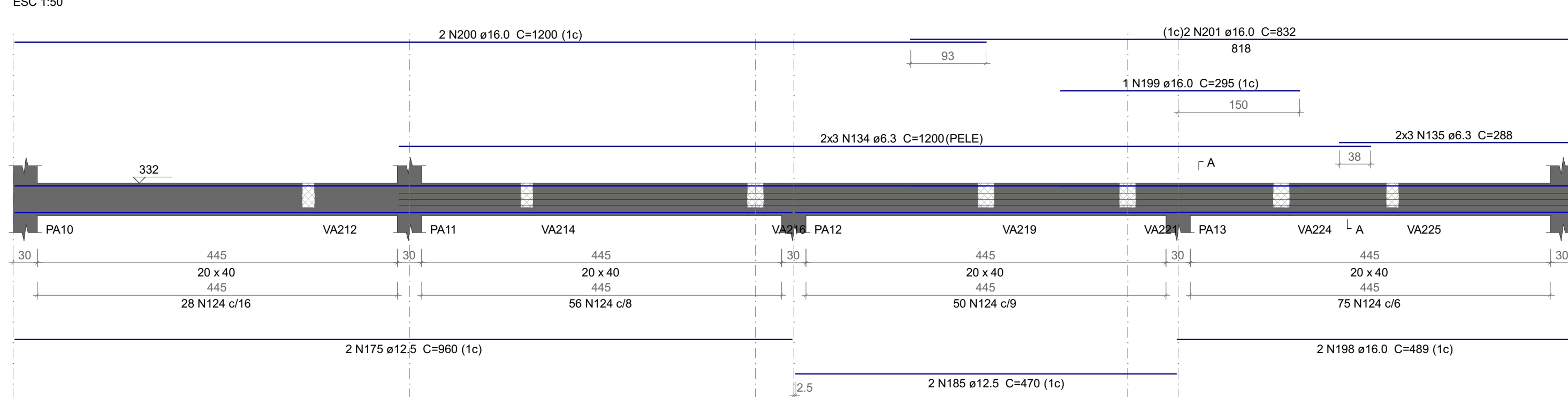


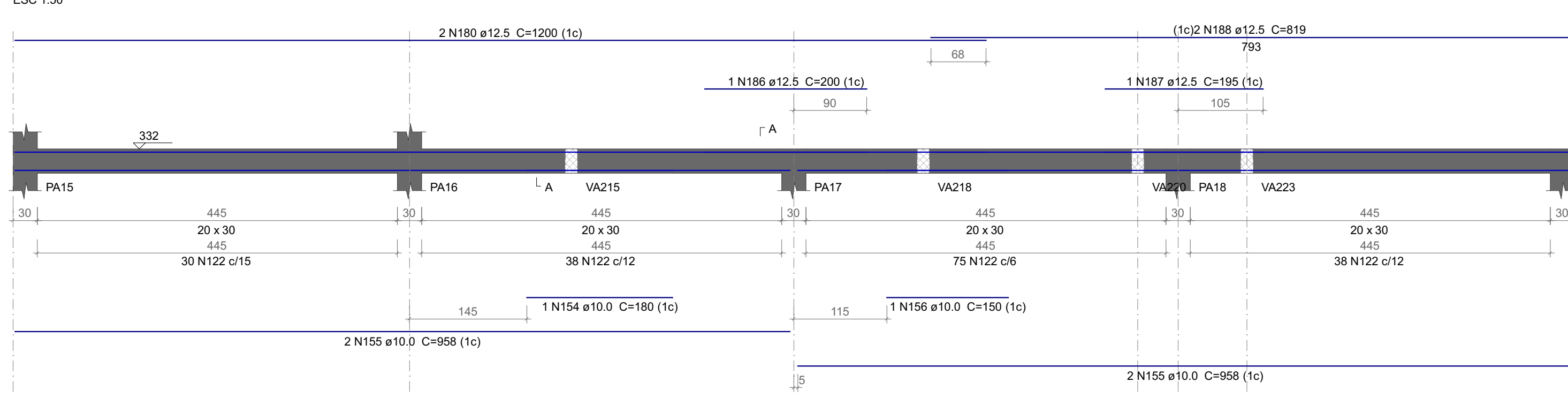
VA201



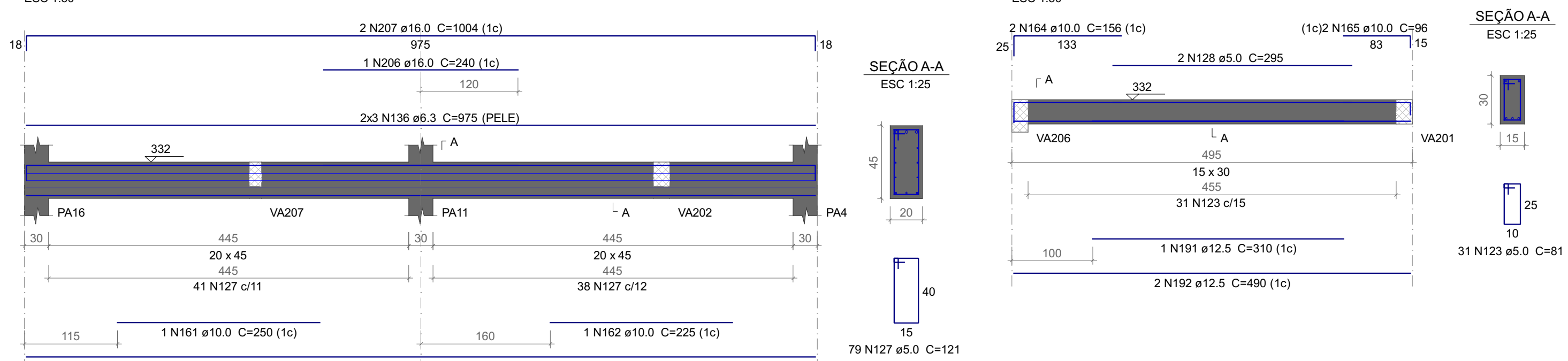
VA206



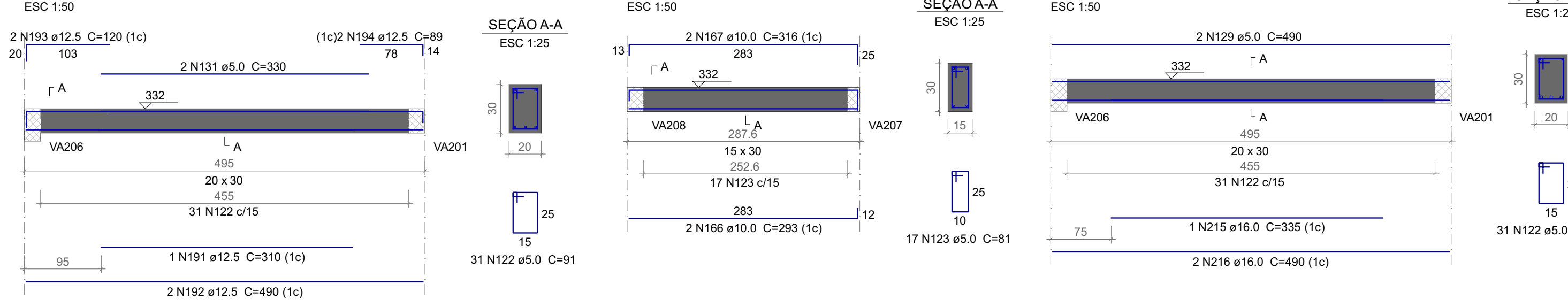
VA208



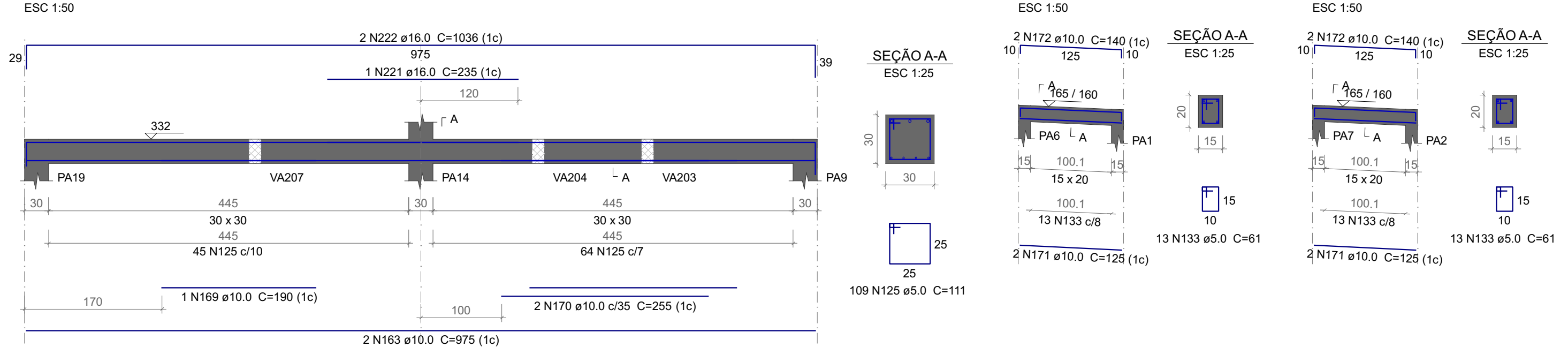
VA213



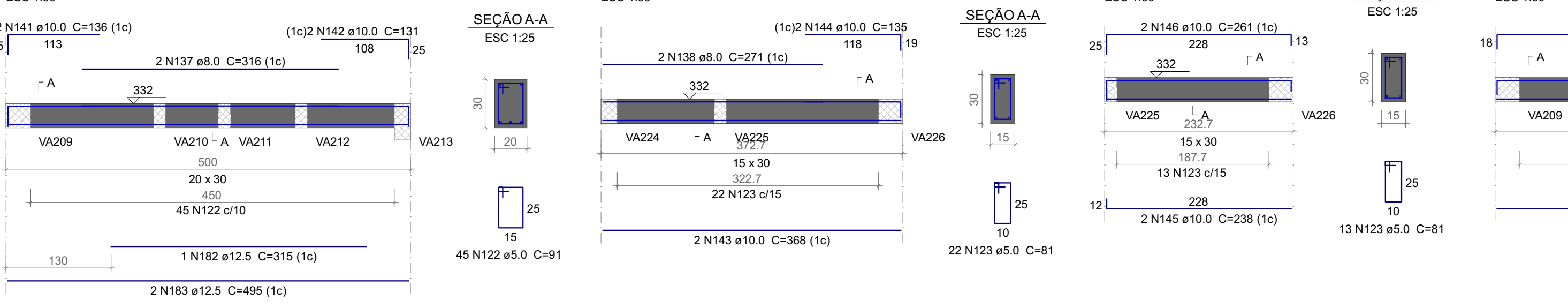
VA219



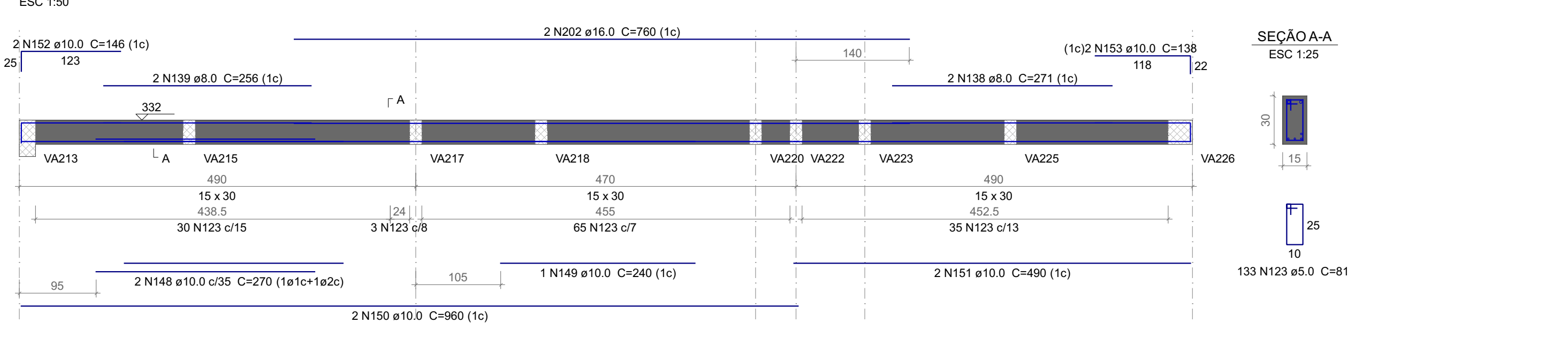
VA226



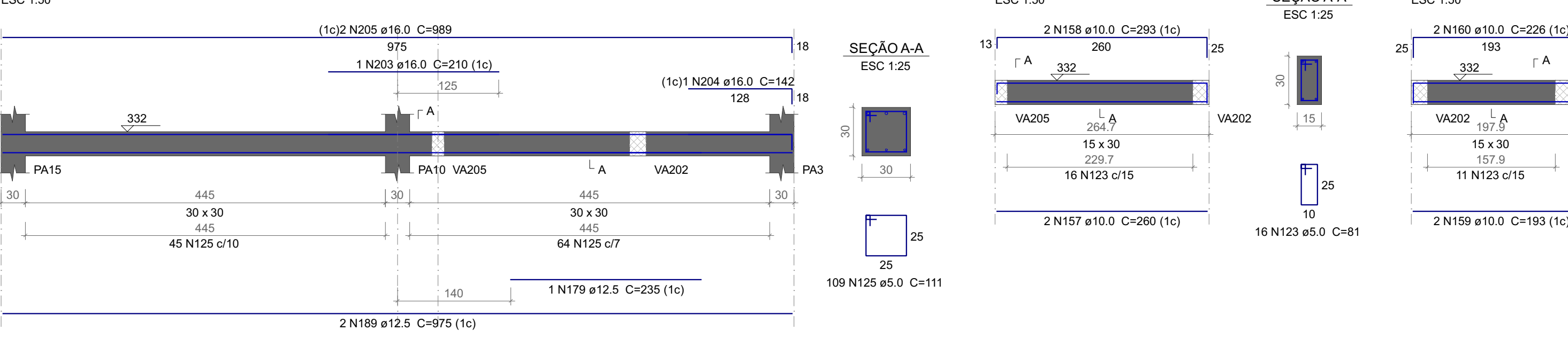
VA202



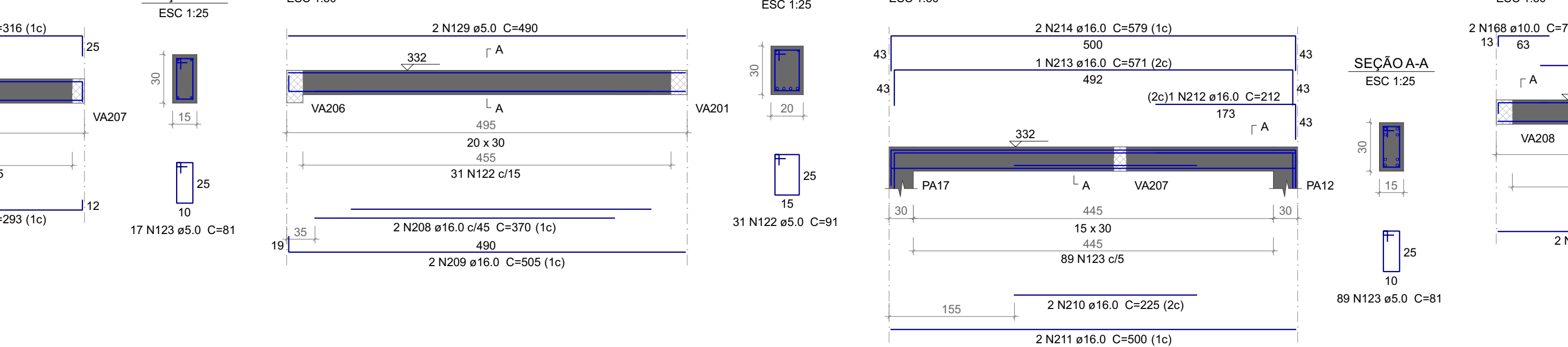
VA207



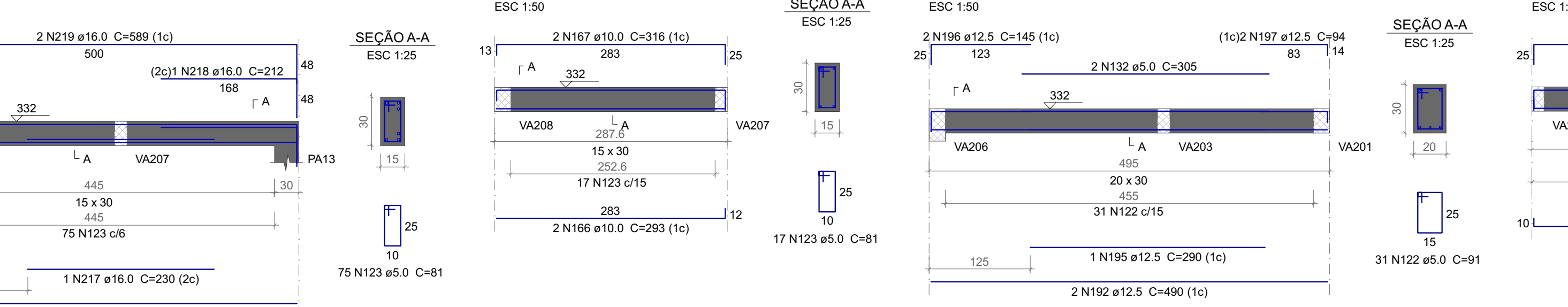
VA209



VA215



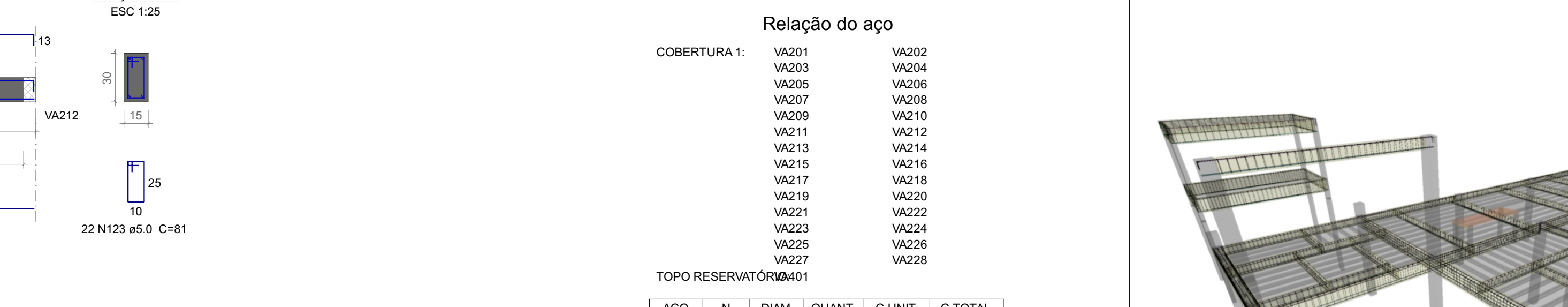
VA222



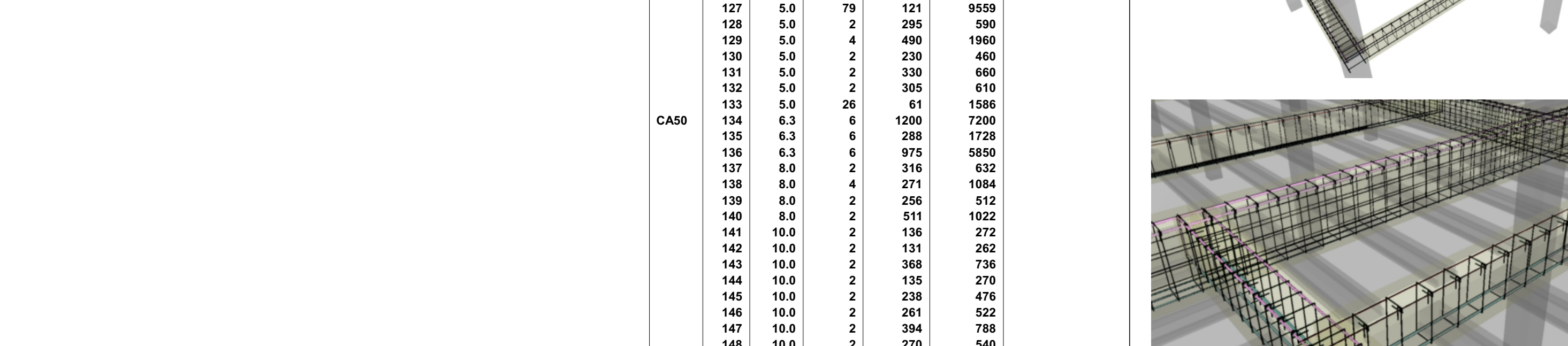
VA401



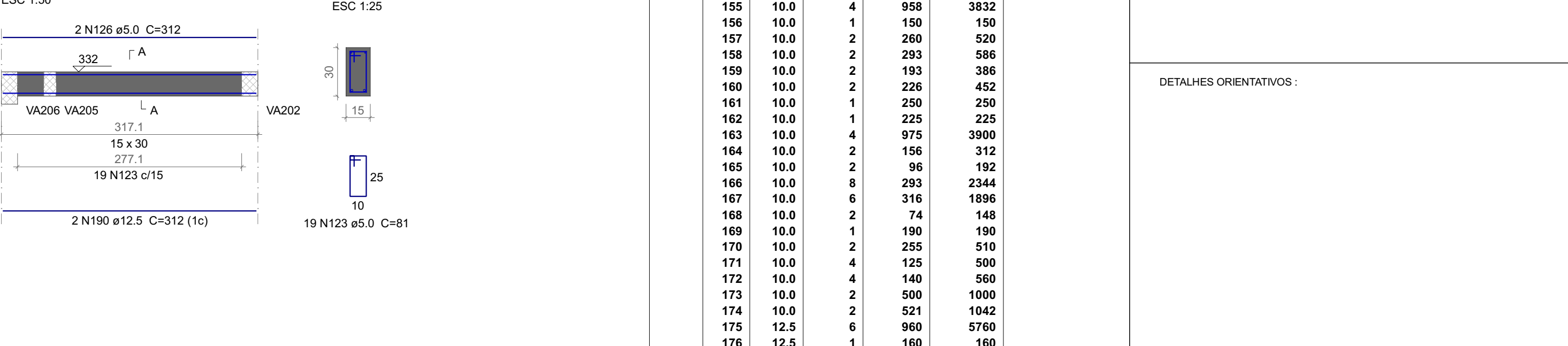
VA203



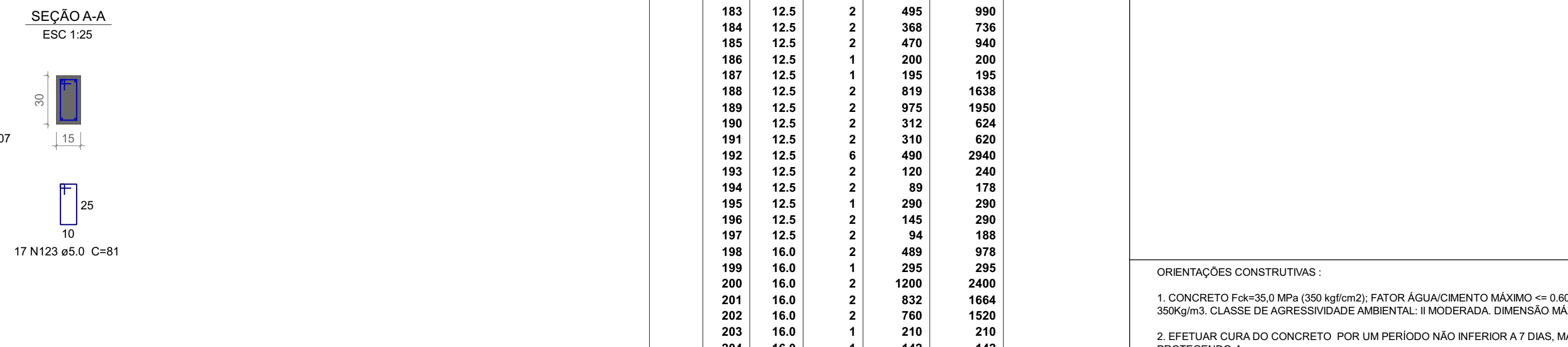
VA204



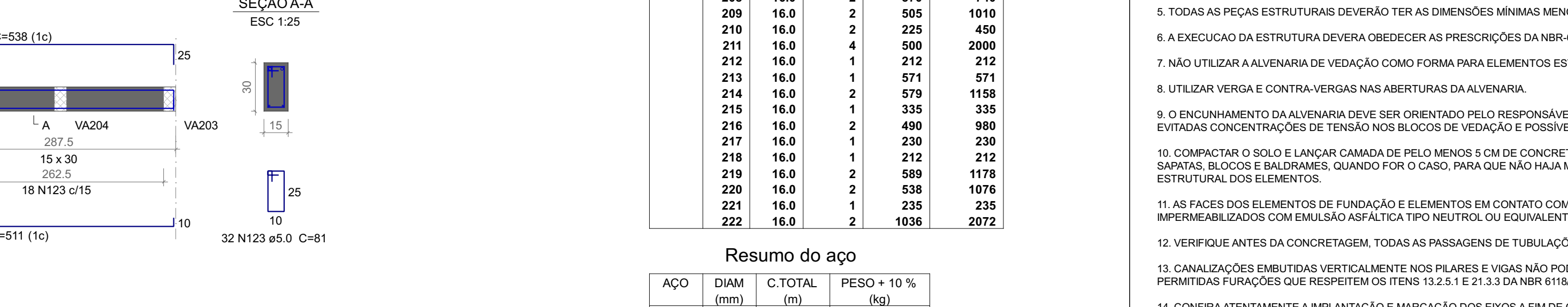
VA205



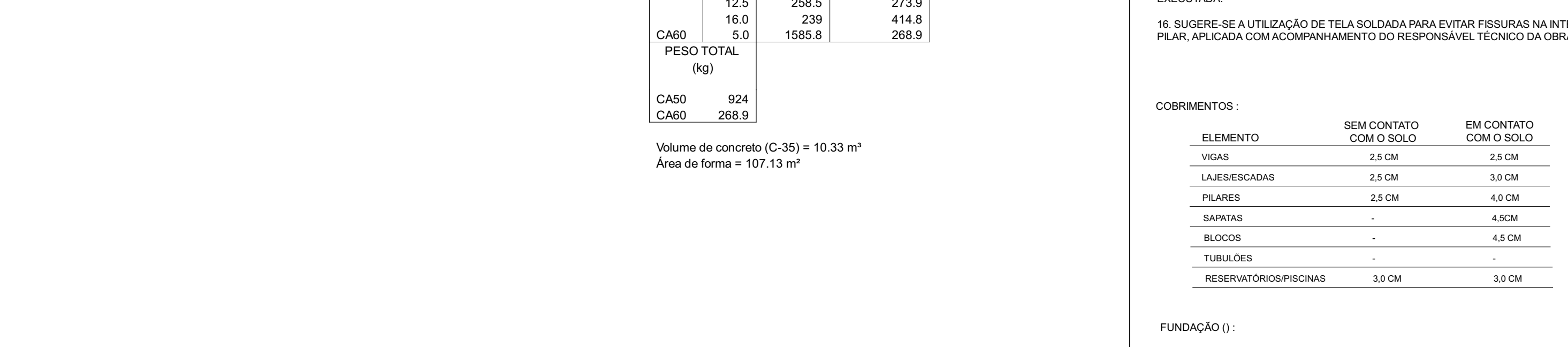
VA217



VA218



VA224



VA225



Relação do aço

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (m³)
CA60	122	5.0	546	81	45066
	123	5.0	561	81	45441
	124	5.0	209	111	23199
	125	5.0	219	111	24199
	126	5.0	312	124	38624
	127	5.0	79	121	9509
	128	5.0	2	295	590
	129	5.0	4	499	1996
	130	5.0	2	239	478
	131	5.0	2	339	678
CA50	132	5.0	2	365	730
	133	5.0	26	61	1586
	134	6.3	6	1209	7209
	135	6.3	6	288	1728
	136	6.3	6	975	5850
	137	6.3	2	315	630
	138	8.0	4	271	1084
	139	8.0	2	256	512
	140	8.0	8	511	4088
	141	10.0	2	136	272
CA40	142	10.0	2	131	262
	143	10.0	2	368	736
	144	10.0	2	135	270
	145	10.0	2	238	476
	146	10.0	2	261	522
	147	10.0	2	394	788
	148	10.0	2	270	540
	149	10.0	1	240	480
	150	10.0	2	960	1920
	151	10.0	2	480	960
CA30	152	10.0	2	146	292
	153	10.0	2	135	270
	154	10.0	1	189	189
	155	10.0	4	950	3800
	156	10.0	1	109	109
	157	10.0	2	269	538
	158	10.0	2	283	566
	159	10.0	2	193	386
	160	10.0	2	226	452
	161	10.0	1	259	259
CA20	162	10.0	2	225	450
	163	10.0	4	975	3900
	164	10.0	2	106	212
	165	10.0	2	96	192
	166	10.0	8	295	2364
	167	10.0	6	316	1896
	168	10.0	2	74	148
	169	10.0	1	199	199
	170	10.0	2	255	510
	171	10.0	4	125	500
CA10	172	10.0	4	149	596
	173	10.0	2	999	1998
	174	10.0	2	521	1042
	175	12.5	6	960	5760
	176	12.5	1	160	160
	177	12.5	1	210	210
	178	12.5	1	225	225
	179	12.5	3	235	705
	180	12.5	4	5200	4800
	181	12.5	2	626	1252
CA05	182	12.5	2	215	430
	183	12.5	2	495	990
	184	12.5	2	368	736
	185	12.5	2	470	940
	186	12.5	1	200	200
	187	12.5	1	200	200
	188	12.5	2	819	1638
	189	12.5	2	975	1950
	190	12.5	2	312	624
	191	12.5	2	319	638
CA02	192	12.5	6	469	2814
	193	12.5	2	120	240
	194	12.5	2	89	178
	195	12.5	1	290	290
	196	12.5	2	145	290
	197	12.5	2	94	188
	198	16.0	2	489	978
	199	16.0	1	295	295
	200	16.0	2	1209	2418
	201	16.0	2	832	1664
CA01	202	16.0	2	760	1520
	203	16.0	1	210	210
	204	16.0	1	142	142
	205	16.0	2	999	1998
	206	16.0	1	249	249
	207	16.0	2	1094	2188
	208	16.0	2	379	758
	209	16.0	2	995	1990
	210	16.0	2	225	450
	211	16.0	4	990	3960
CA00	212	16.0	1	212	212
	213	16.0	1	571	571
	214	16.0	2	679	1358
	215	16.0	1	335	335
	216	16.0	2	499	998
	217	16.0	1	239	239
	218	16.0	1	212	212
	219	16.0	2	569	1138
	220	16.0	2	538	1076
	221	16.0	1	235	235
RESUMO DO AÇO					
ACO	N	DIAM (mm)	C.TOTAL (m³)	PESO + 10% (kg)	
CA60	122	5.0	45066	39.8	
	123	5.0	45441	14.1	
	124	5.0	23199	181.4	
	125	5.0	24199	273.9	
	126	5.0	38624	414.8	
CA50					
CA50	132	5.0	730	268.9	
	133	5.0	1586	268.9	
	134	6.3	7209	268.9	
	135	6.3	1728	268.9	
	136	6.3	5850	268.9	
CA40					
CA40	142	10.0	272	268.9	
	143	10.0	736	268.9	
	144	10.0	270	268.9	
	145	10.0	476	268.9	
	146	10.0	522	268.9	
CA30					
CA30	152	10.0	292	268.9	
	153	10.0	270	268.9	
	154	10.0	189	268.9	
	155	10.0	3800	268.9	
	156	10.0	109	268.9	
CA20					
CA20	162	10.0	450	268.9	
	163	10.0	3900	268.9	
	164	10.0	212	268.9	
	165	10.0	192	268.9	
	166	10.0	2364	268.9	
CA10					
CA10	172	10.0	596	268.9	
	173	10.0	1998	268.9	
	174	10.0	1042	268.9	
	175	12.5	5760	268.9	
	176	12.5	160	268.9	
CA05					
CA05	182	12.5	430	268.9	
	183	12.5	990	268.9	
	184	12.5	736	268.9	
	185	12.5	940	268.9	
	186	12.5	200	268.9	
CA02					
CA02	192	12.5	2814	268.9	
	193	12.5	240	268.9	
	194	12.5	178	268.9	
	195	12.5	290	268.9	
	196	12.5	290	268.9	
CA01					
CA01	202	16.0	1520	268.9	
	203	16.0	210	268.9	
	204	16.0	142	268.9	
	205	16.0	1998	268.9	
	206	16.0	249	268.9	
CA00					
CA00	212	16.0	212	268.9	
	213	16.0	571	268.9	
	214	16.0	1358	268.9	
	215	16.0	335	268.9	
	216	16.0	998	268.9	

Resumo do aço

ACO	N	DIAM (mm)	C.TOTAL (m³)	PESO + 10% (kg)
CA60	122	5.0	45066	39.8
	123	5.0	45441	14.1
	124	5.0	23199	181.4
	125	5.0	24199	273.9
	126	5.0	38624	414.8
CA50				
CA50	132	5.0	730	268.9
	133	5.0	1586	268.9
	134	6.3	7209	268.9
	135	6.3	1728	268.9
	136	6.3	5850	268.9
CA40				
CA40	142	10.0	272	268.9
	143	10.0	736	268.9
	144	10.0	270	268.9
	145	10.0	476	268.9
	146	10.0	522	268.9
CA30				
CA30	152	10.0	292	268.