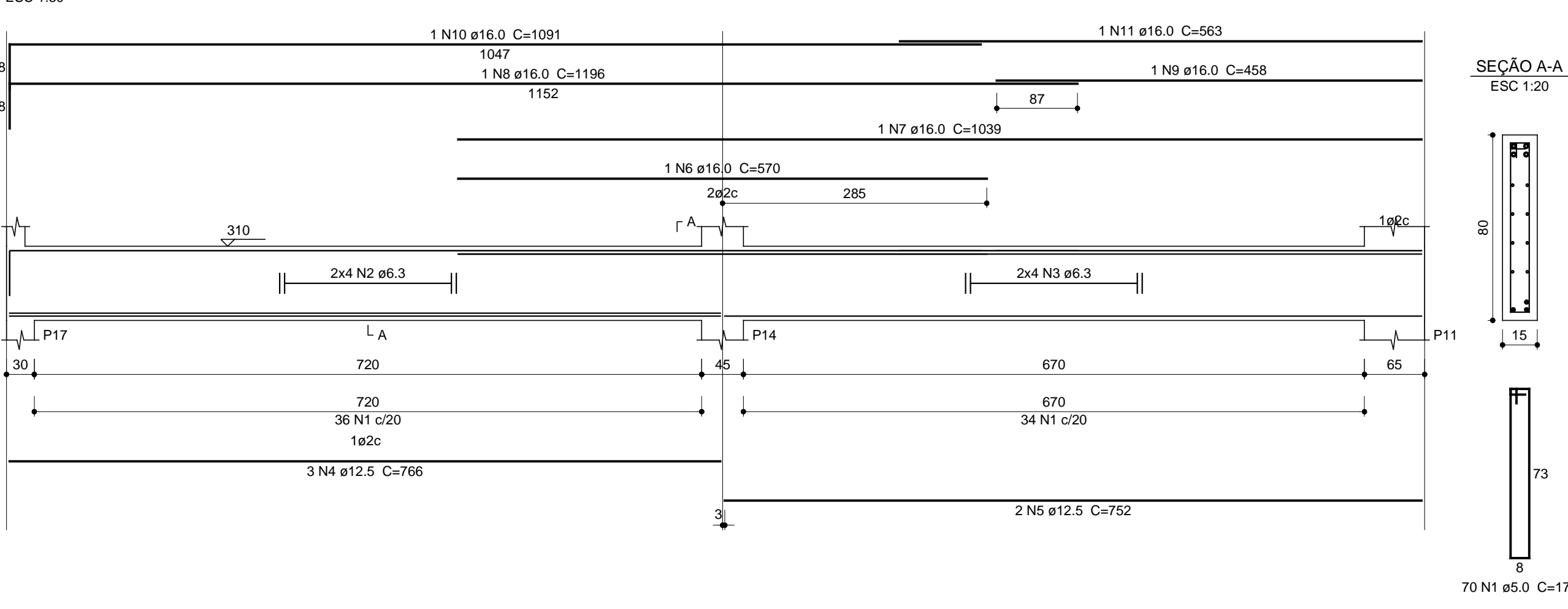
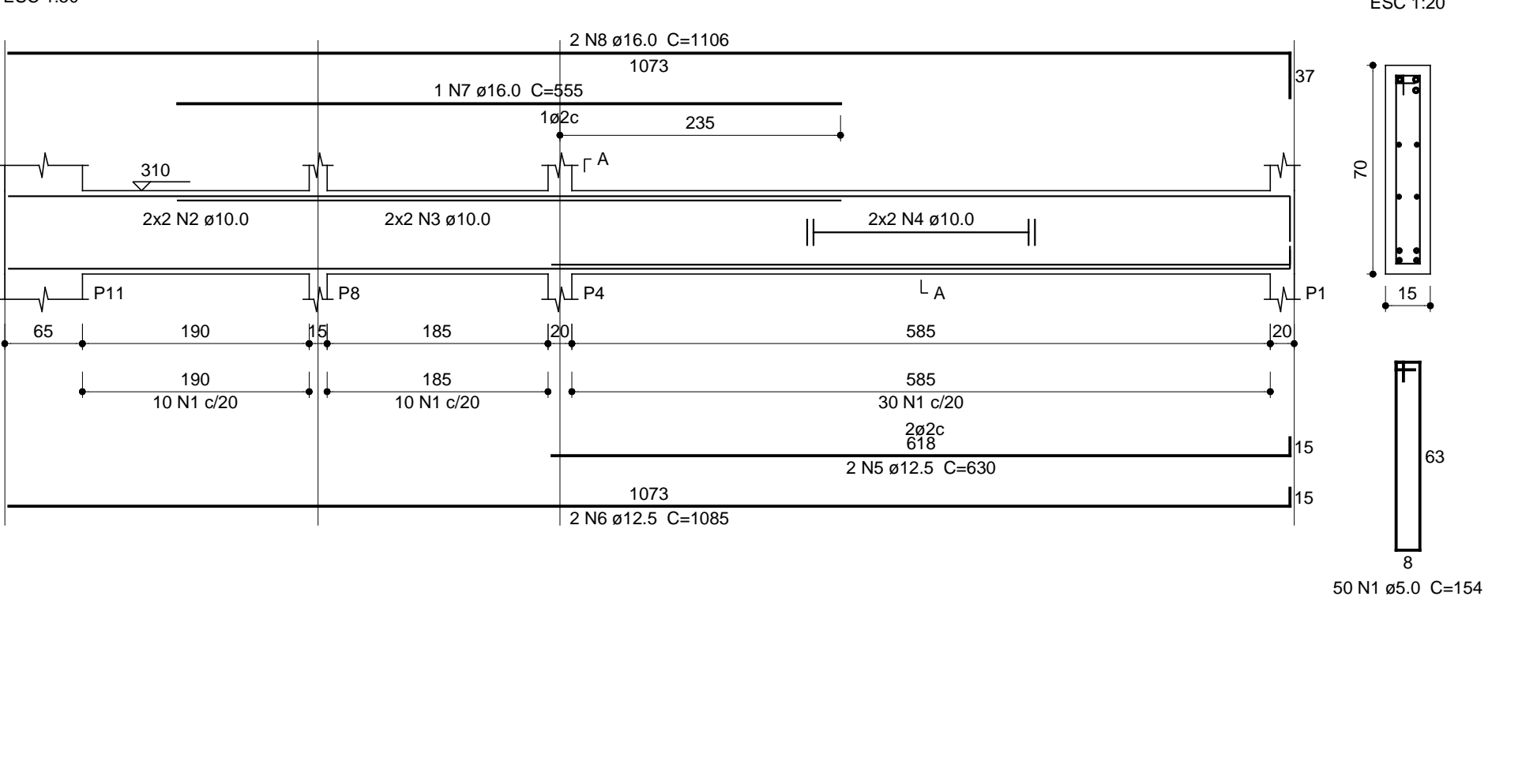


V116 (15 x 80)



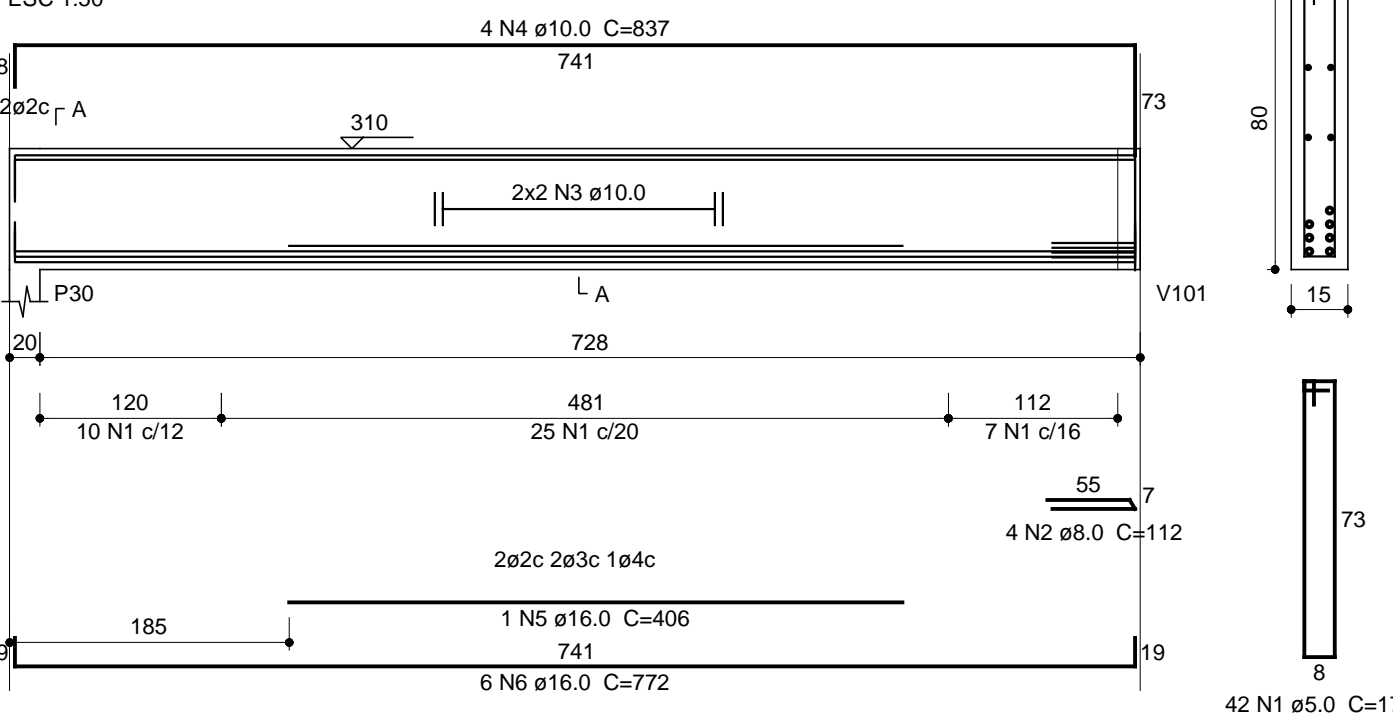
V117 (15 x 70)



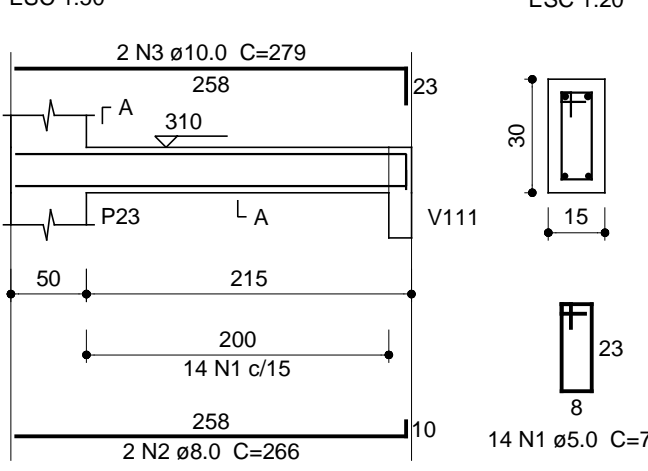
Relação do aço

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V116	CA60	1	5.0	70	174	12180
	CA50	2	6.3	8	CORR	6304
	CA50	3	6.3	8	CORR	6184
	CA50	4	12.5	3	766	2298
	CA50	5	12.5	2	752	1504
	CA50	6	16.0	1	570	570
	CA50	7	16.0	1	1039	1039
	CA50	8	16.0	1	1196	1196
	CA50	9	16.0	1	458	458
	CA50	10	16.0	1	1091	1091
V117	CA50	11	16.0	1	563	563
	CA60	1	5.0	50	154	7700
	CA50	2	10.0	4	CORR	1052
	CA50	3	10.0	4	CORR	852
	CA50	4	10.0	4	CORR	2472
	CA50	5	12.5	2	630	1260
	CA50	6	12.5	2	1085	2170
	CA50	7	16.0	1	555	555
	CA50	8	16.0	2	1106	2212
	CA60	1	5.0	42	174	7308
V118	CA50	2	8.0	4	112	448
	CA50	3	10.0	4	CORR	2964
	CA50	4	10.0	4	837	3348
	CA50	5	16.0	1	406	406
	CA50	6	16.0	6	772	4632
	CA60	1	5.0	14	74	1036
	CA50	2	8.0	2	266	532
	CA50	3	10.0	2	279	558
	CA60	1	5.0	2	741	1482
	CA60	2	5.0	36	174	6264
V119	CA50	3	6.3	8	CORR	5928
	CA50	4	12.5	5	765	3825
	CA60	1	5.0	2	263	526
	CA60	2	5.0	16	74	1184
	CA50	3	10.0	2	273	546
	CA60	1	5.0	2	213	426
	CA60	2	5.0	13	74	962
	CA50	3	8.0	2	213	426
	CA60	1	5.0	2	263	526
	CA60	2	5.0	16	74	1184
V120	CA50	3	8.0	2	263	526
	CA60	1	5.0	38	174	6612
	CA50	2	6.3	8	CORR	6304
	CA50	3	12.5	1	410	410
	CA50	4	12.5	5	800	4000
	CA50	5	16.0	2	263	526
	CA50	6	16.0	2	872	1744
	CA60	1	5.0	30	74	2220
	CA50	2	12.5	2	217	434
	CA50	3	12.5	2	498	996
V121	CA50	4	16.0	1	453	453
	CA50	5	16.0	2	507	1014
	CA60	1	5.0	30	154	4620
	CA50	2	10.0	4	CORR	2452
	CA50	3	12.5	5	637	3185
	CA50	4	12.5	3	707	2121
	CA60	1	5.0	35	174	6090
	CA50	2	6.3	8	CORR	5928
	CA50	3	10.0	1	215	215
	CA50	4	10.0	3	787	2361
V122	CA50	5	16.0	3	772	2316
	CA60	1	5.0	34	154	5236
	CA50	2	10.0	4	CORR	2792
	CA50	3	12.5	4	722	2888
	CA50	4	12.5	4	764	3056
	CA60	1	5.0	30	74	2220
	CA50	2	8.0	2	297	594
	CA50	3	10.0	3	248	744
	CA50	4	10.0	4	516	2064
	CA50	4	10.0	4	516	2064

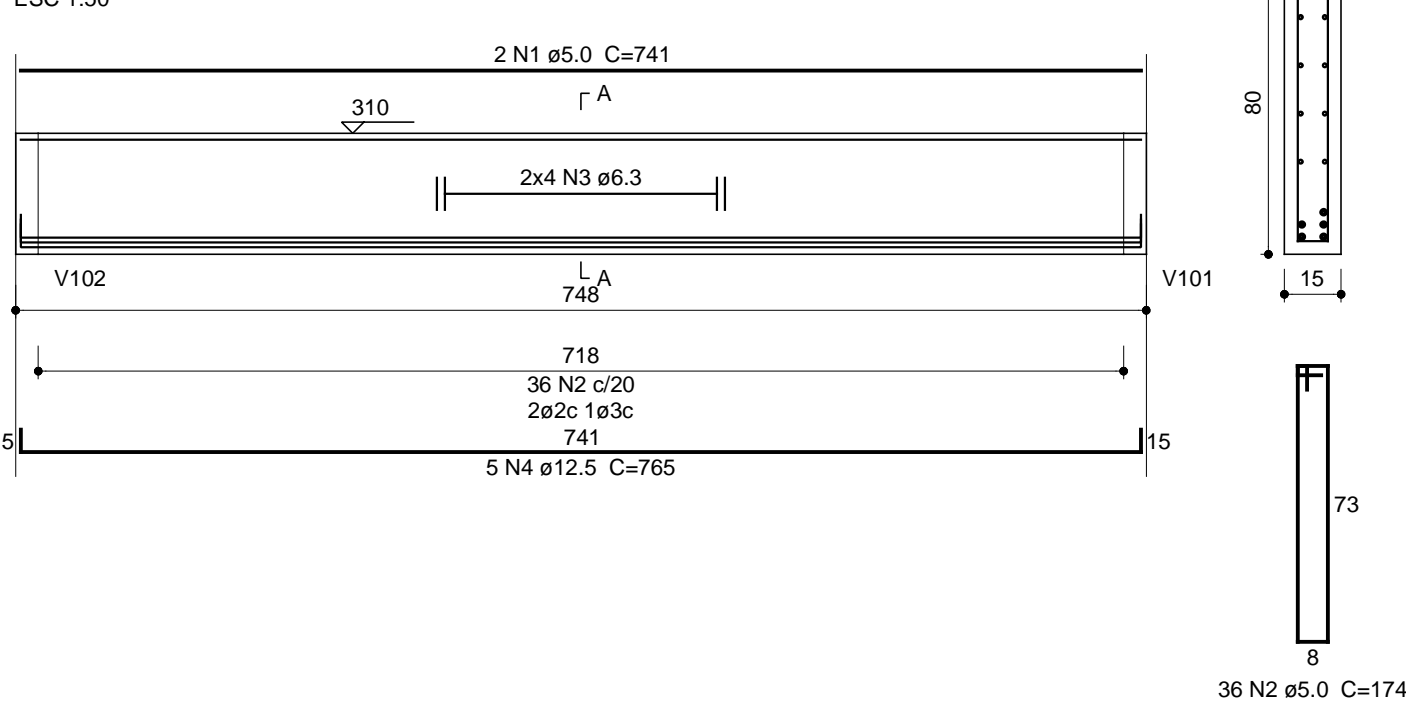
V118 (15 x 80)



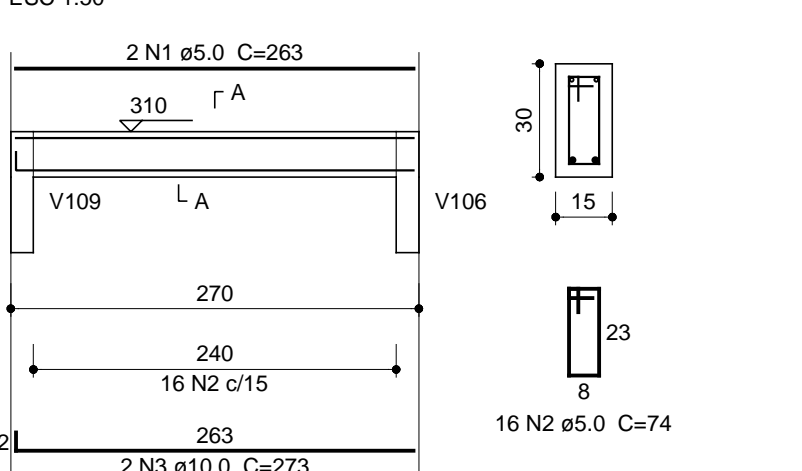
V119 (15 x 30)



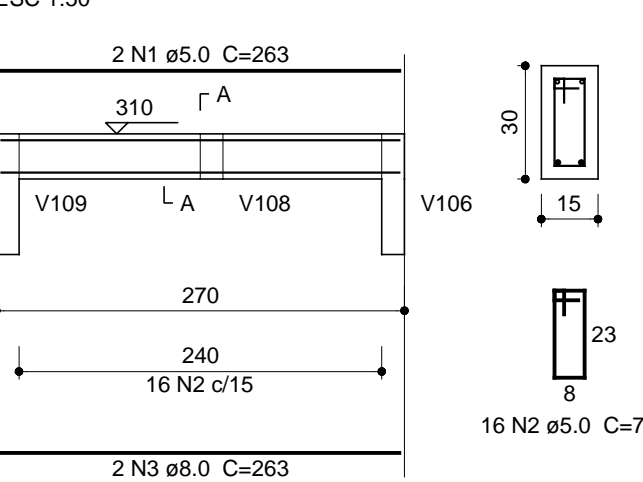
V120 (15 x 80)



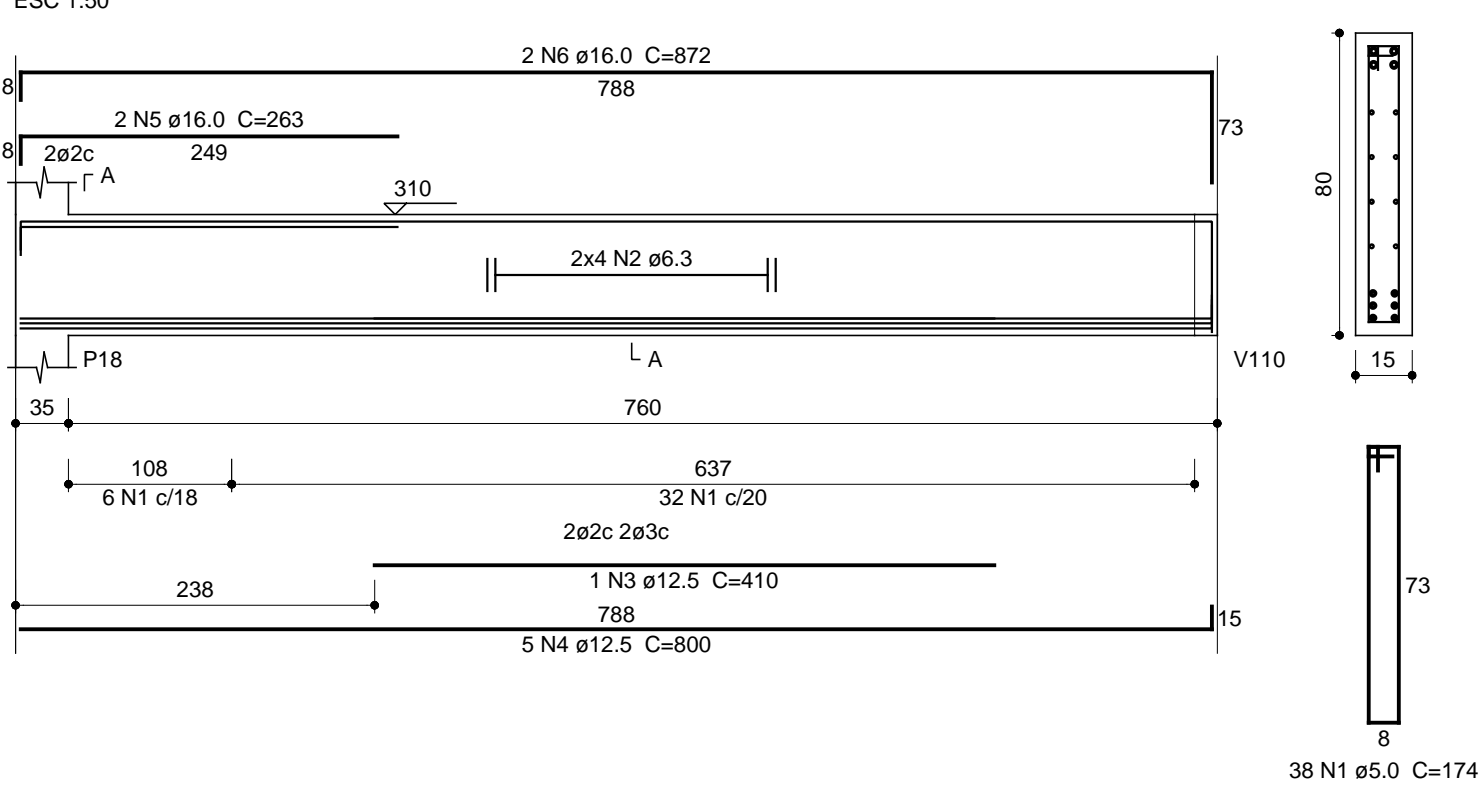
V121 (15 x 30)



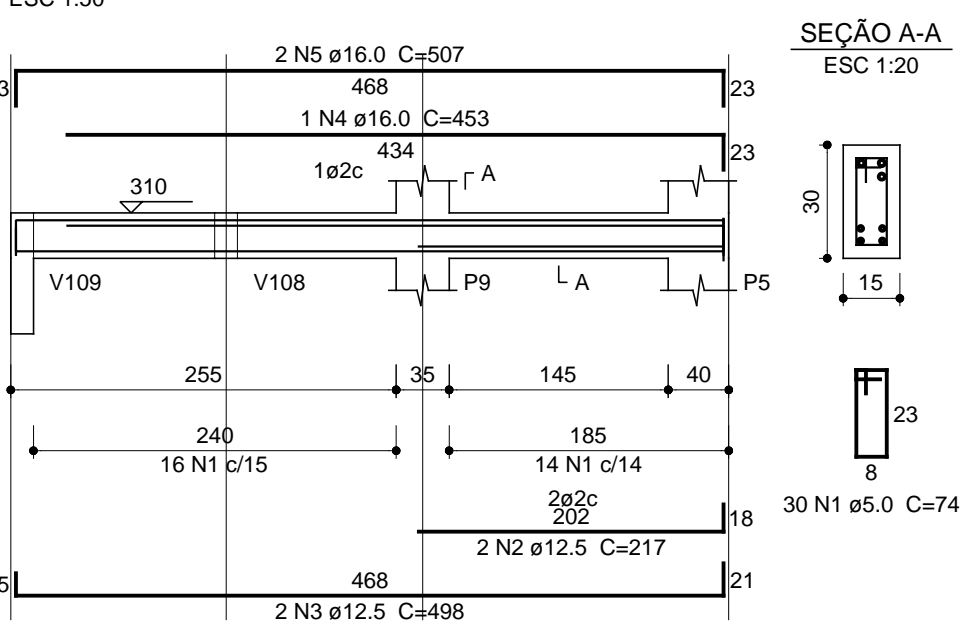
V123 (15 x 30)



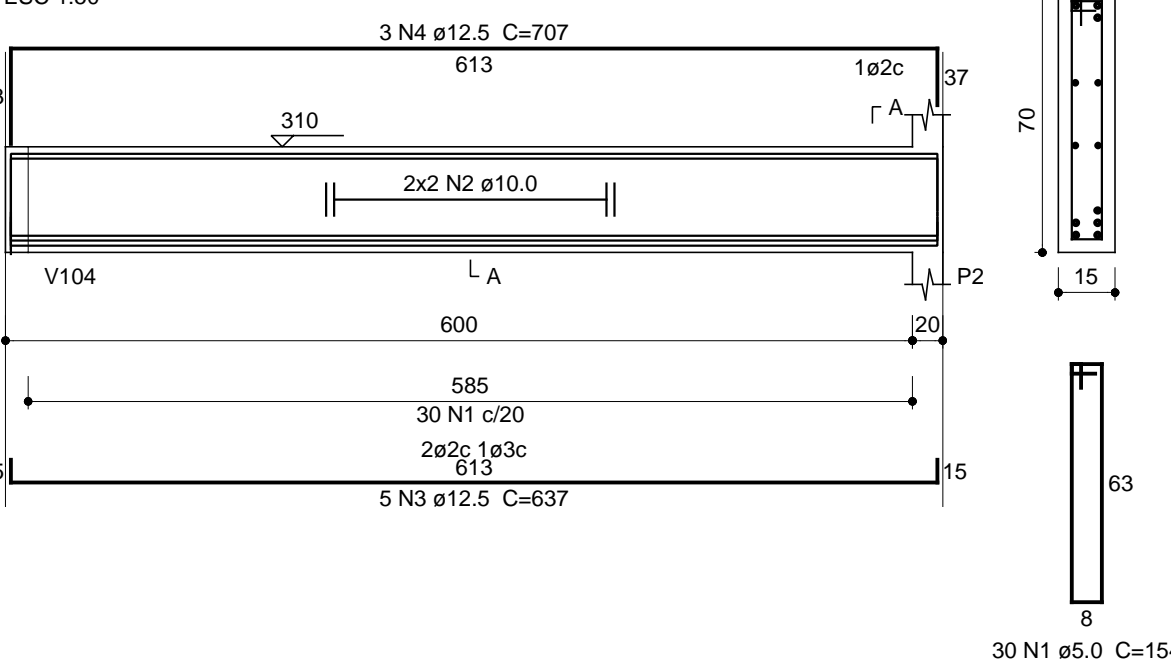
V124 (15 x 80)



V125 (15 x 30)



V126 (15 x 70)

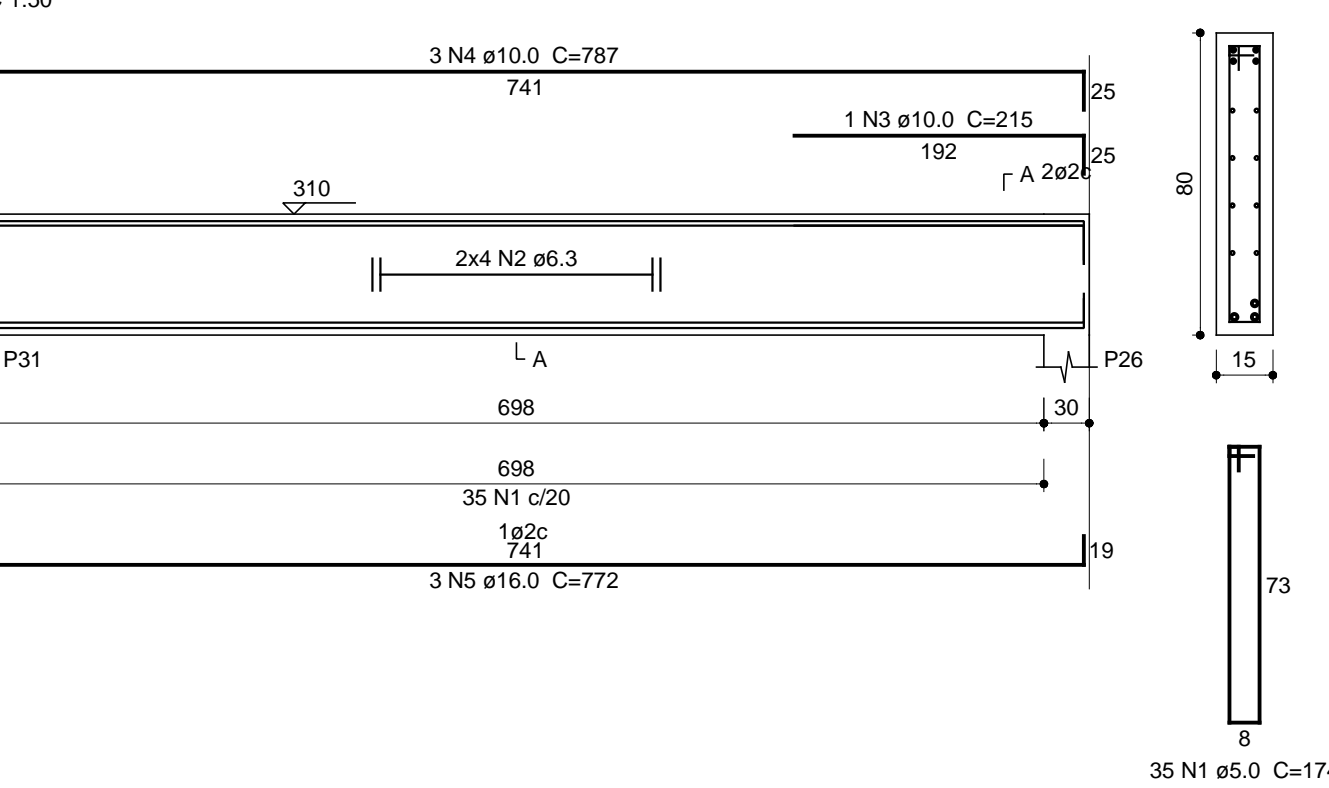


Resumo do aço

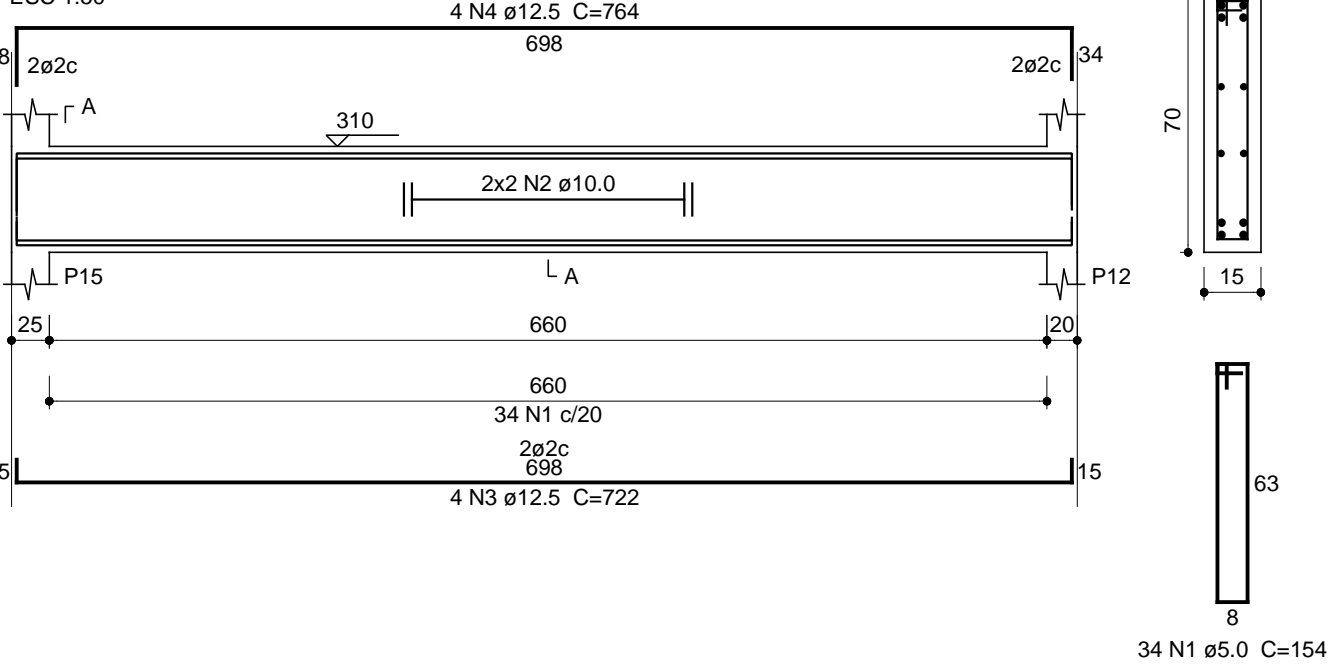
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	306.5	75
	8.0	25.3	10
	10.0	224.2	138.2
	12.5	281.5	271.2
	16.0	187.8	296.3
CA60	5.0	677.8	104.5
PESO TOTAL (kg)			
CA50	790.7		
CA60	104.5		

Volume de concreto (C35) = 8.9 m³
Área de forma = 132.05 m²

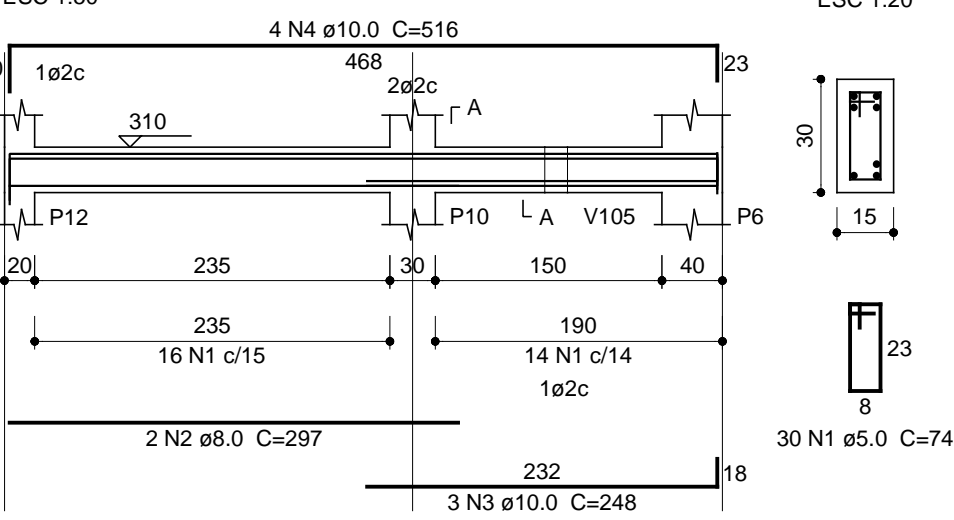
V127 (15 x 80)



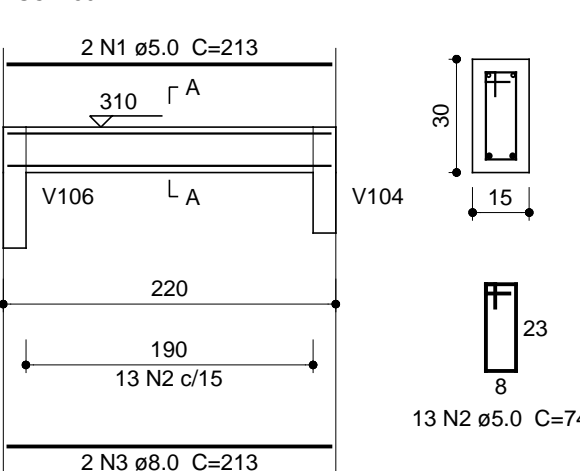
V128 (15 x 70)



V129 (15 x 30)



V122 (15 x 30)



PENAS	
RED	0.1mm BLACK
YELLOW	0.2mm BLACK
GREEN	0.3mm BLACK
CYAN	0.4mm BLACK
BLUE	0.5mm BLACK
MAGENTA	0.6mm BLACK
10	0.1mm
40	0.1mm
60	0.1mm
80	0.1mm
100	0.1mm
120	0.1mm
140	0.1mm
160	0.1mm
180	0.1mm
200	0.1mm