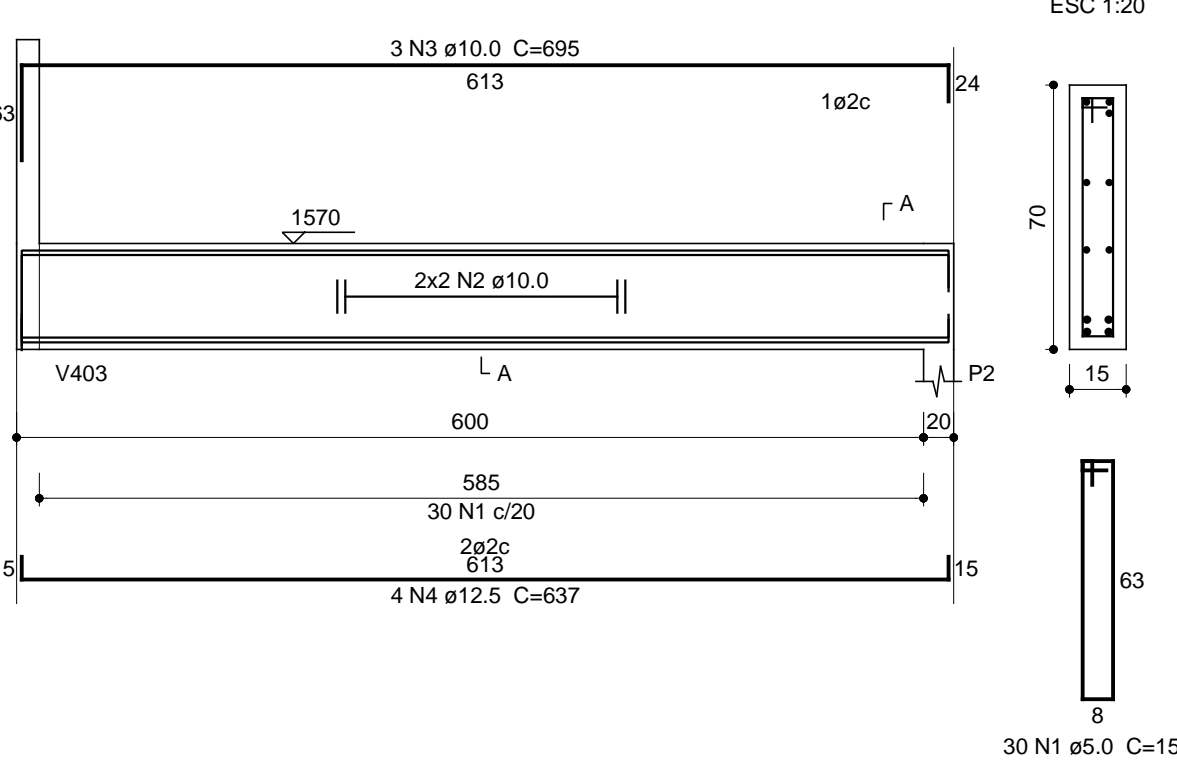
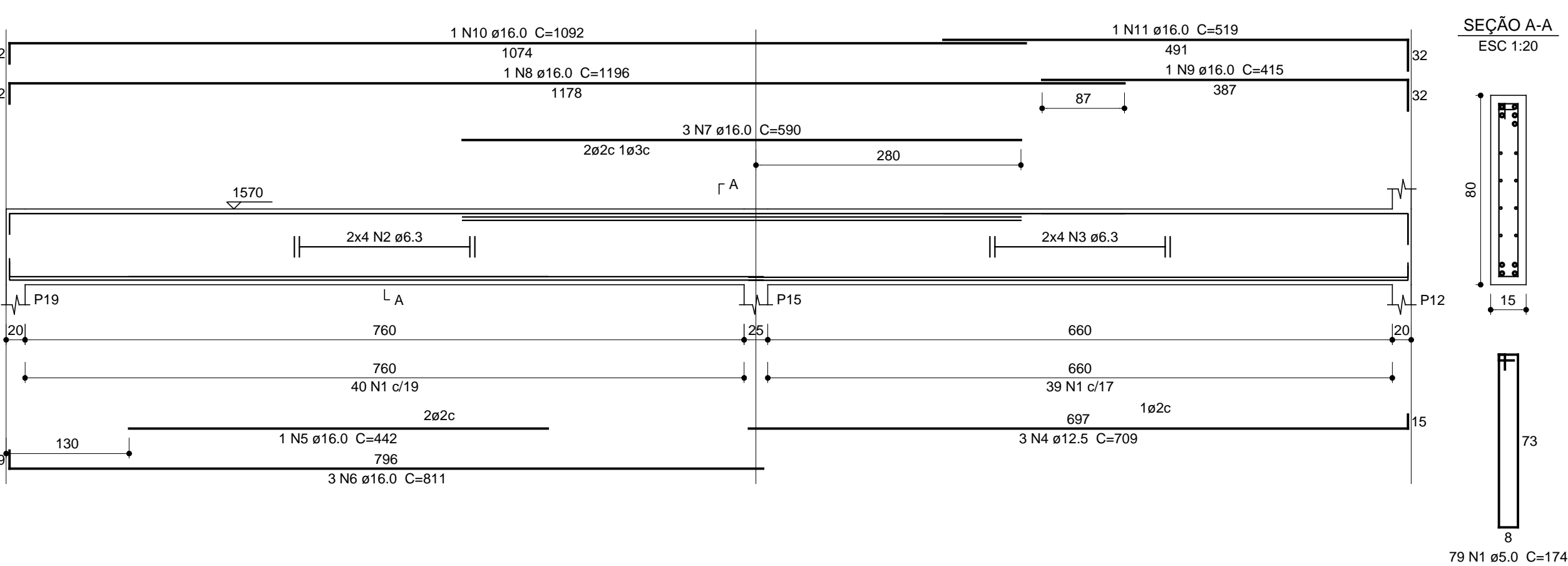


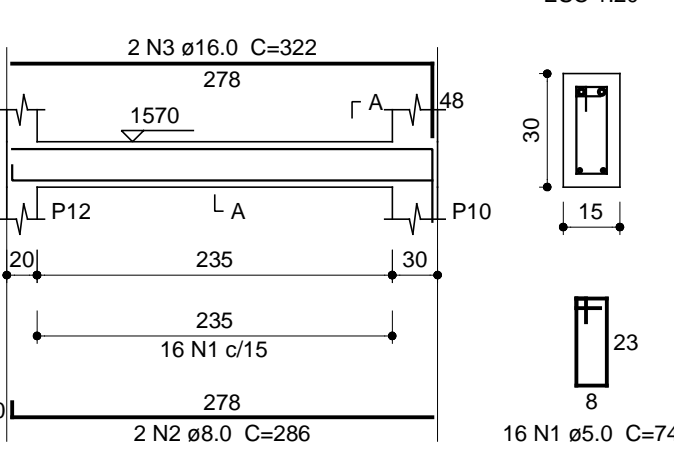
V420 (15 x 70)



V421 (15 x 80)



V422 (15 x 30)



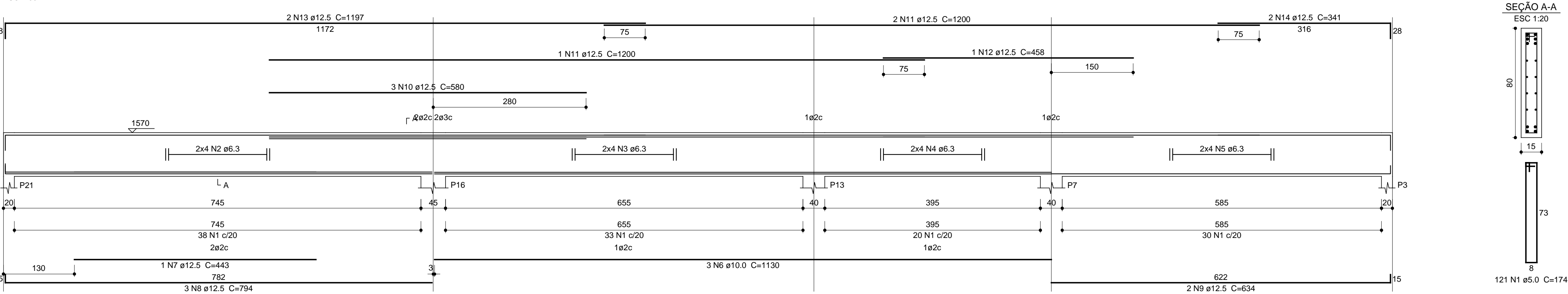
Relação do aço					
ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)
V420	CA60	1	5.0	30	154
	CA50	2	10.0	4	2452
	CA50	3	10.0	3	695
	CA50	4	12.5	4	637
V421	CA60	1	5.0	79	174
	CA50	2	6.3	8	6384
	CA50	3	6.3	8	5584
	CA50	4	12.5	3	709
V422	CA50	5	16.0	1	442
	CA50	6	16.0	3	811
	CA50	7	16.0	3	590
	CA50	8	16.0	1	1196
V423	CA50	9	16.0	1	415
	CA50	10	16.0	1	1092
	CA50	11	16.0	1	519
	CA60	1	5.0	16	74
V424	CA50	2	8.0	2	286
	CA50	3	16.0	2	322
	CA60	1	5.0	10	334
	CA50	2	6.3	16	3408
V425	CA50	3	12.5	3	259
	CA50	4	12.5	3	374
	CA60	1	5.0	121	174
	CA50	2	6.3	8	6424
V426	CA50	3	6.3	8	5964
	CA50	4	6.3	8	3744
	CA50	5	6.3	8	5104
	CA50	6	10.0	3	1130
V427	CA50	7	12.5	1	443
	CA50	8	12.5	3	794
	CA50	9	12.5	2	634
	CA50	10	12.5	3	580
V428	CA50	11	12.5	3	1200
	CA50	12	12.5	1	458
	CA50	13	12.5	2	1197
	CA50	14	12.5	2	341
V429	CA60	1	5.0	13	74
	CA50	2	8.0	2	268
	CA50	3	10.0	2	258
	CA50	4	12.5	3	516

Resumo do aço

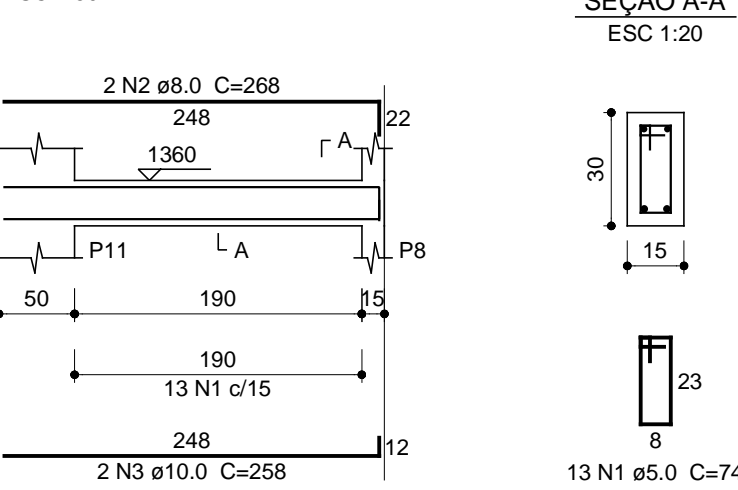
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	365.2	89.3
	8.0	11.1	4.4
	10.0	84.5	52.1
	12.5	195.5	188.2
CA60	5.0	449.1	69.2
	5.0	449.1	69.2
PESO TOTAL (kg)			
CA50	468.4		
CA60	69.2		

Volume de concreto (C35) = 6.26 m³  
Área de forma = 91.56 m²

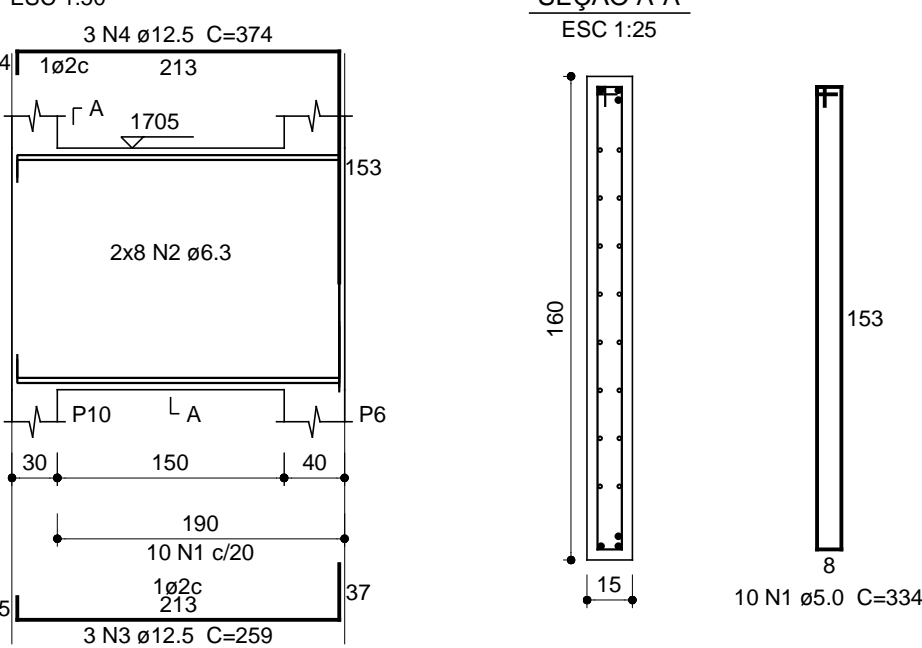
V424 (15 x 80)



V425 (15 x 30)



V423 (15 x 160)



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 10
60	0.1mm 60
90	0.1mm 90
150	0.1mm 150
160	0.2mm 160
254	0.1mm 254