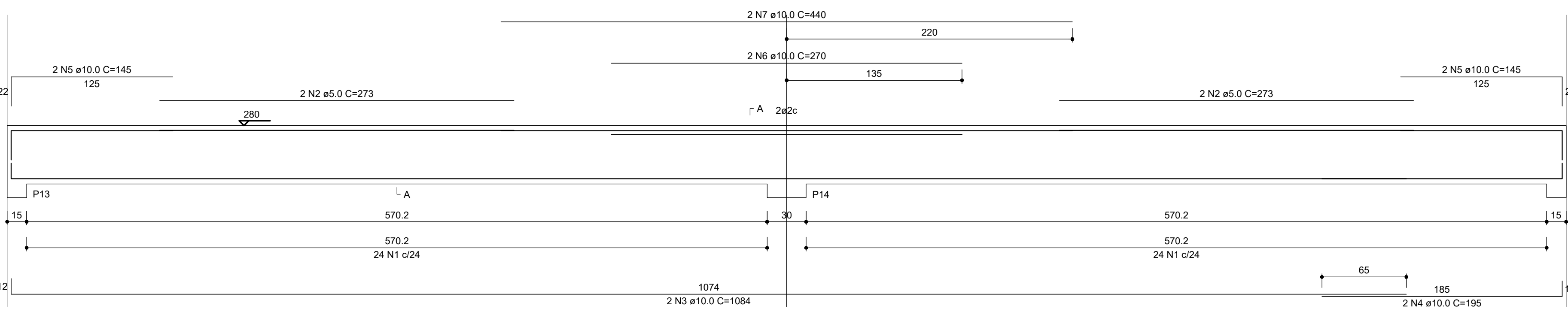
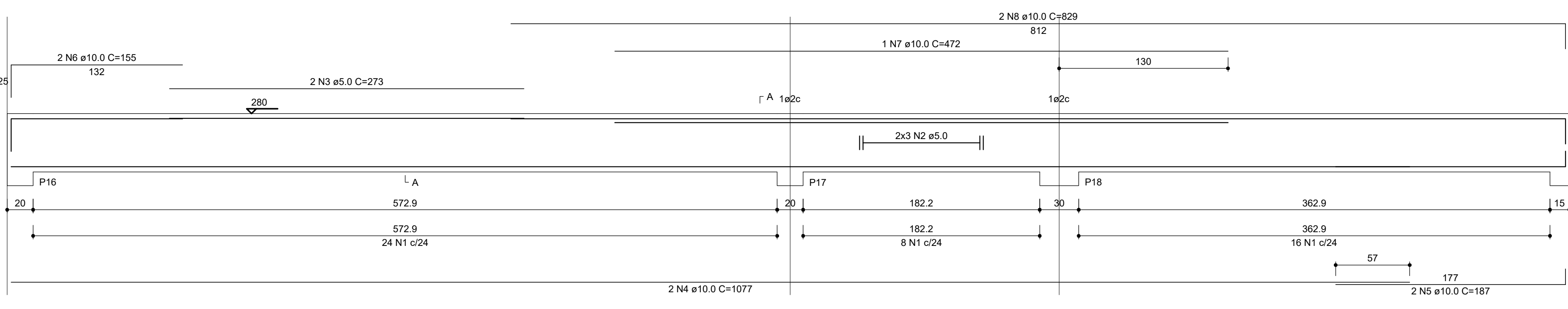


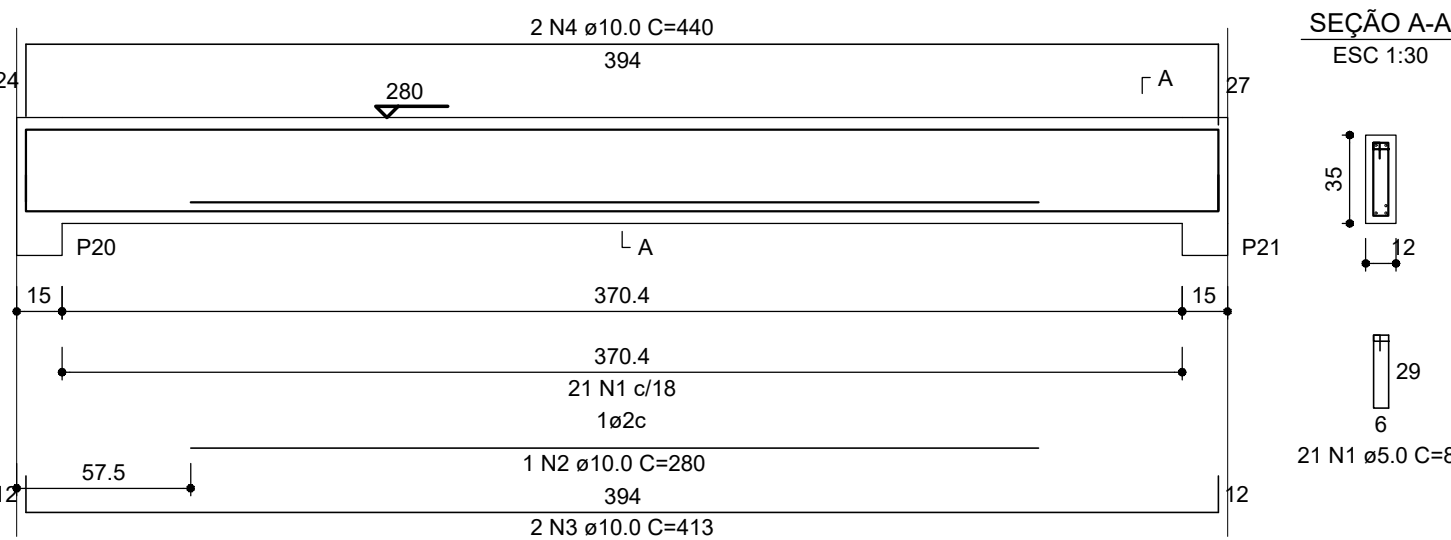
V5
ESC 1:25



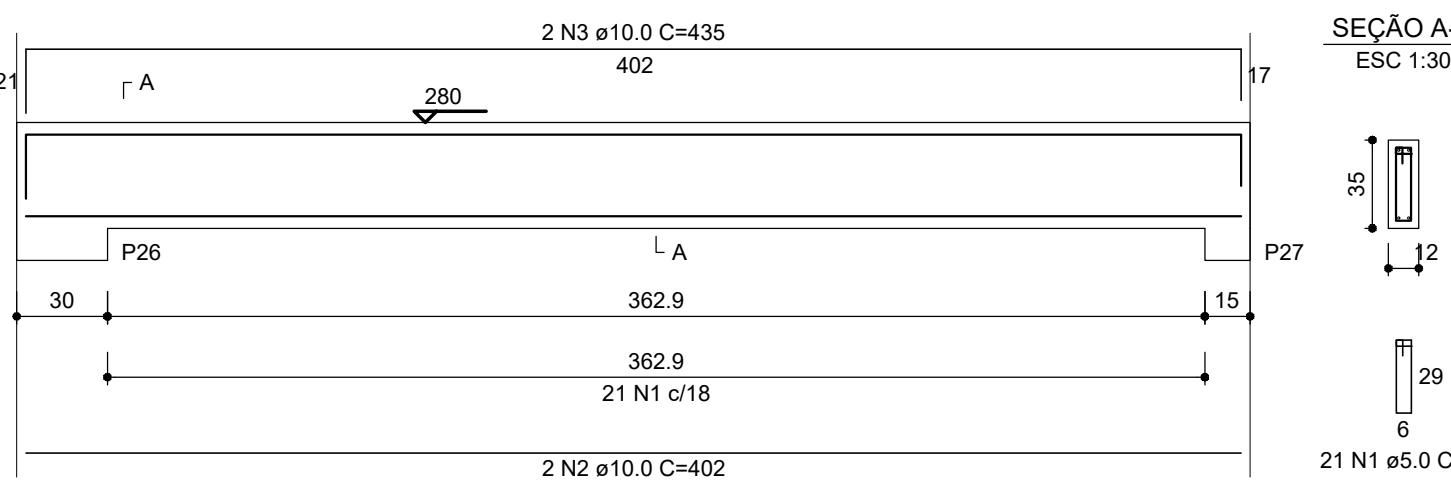
V6
ESC 1:25



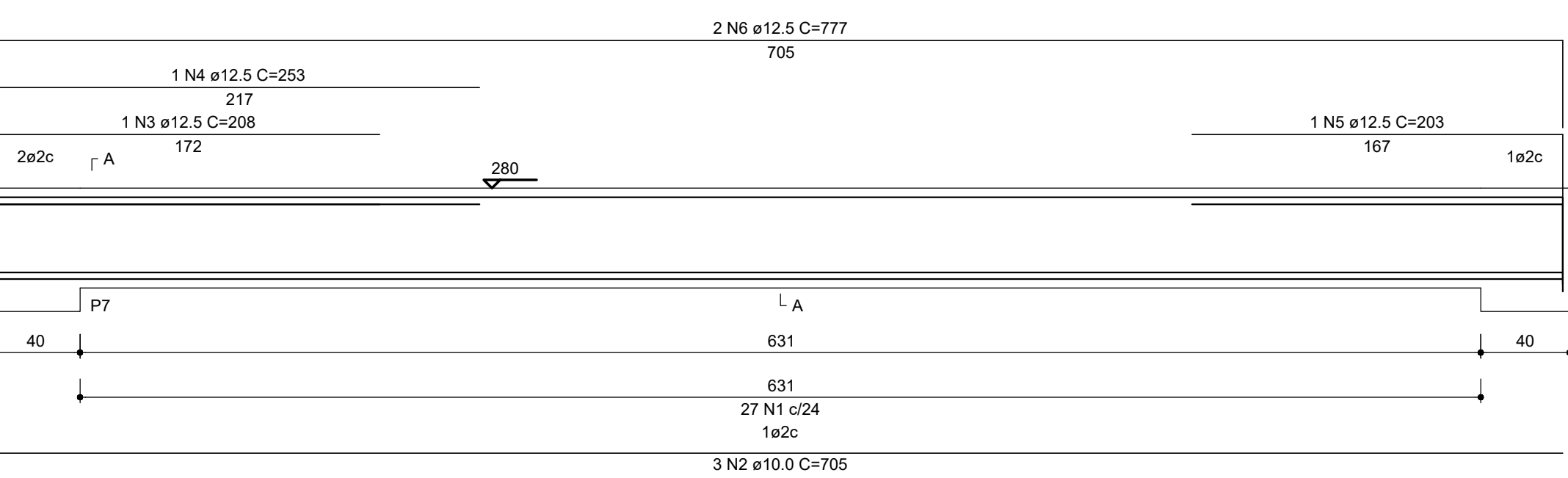
V7
ESC 1:25



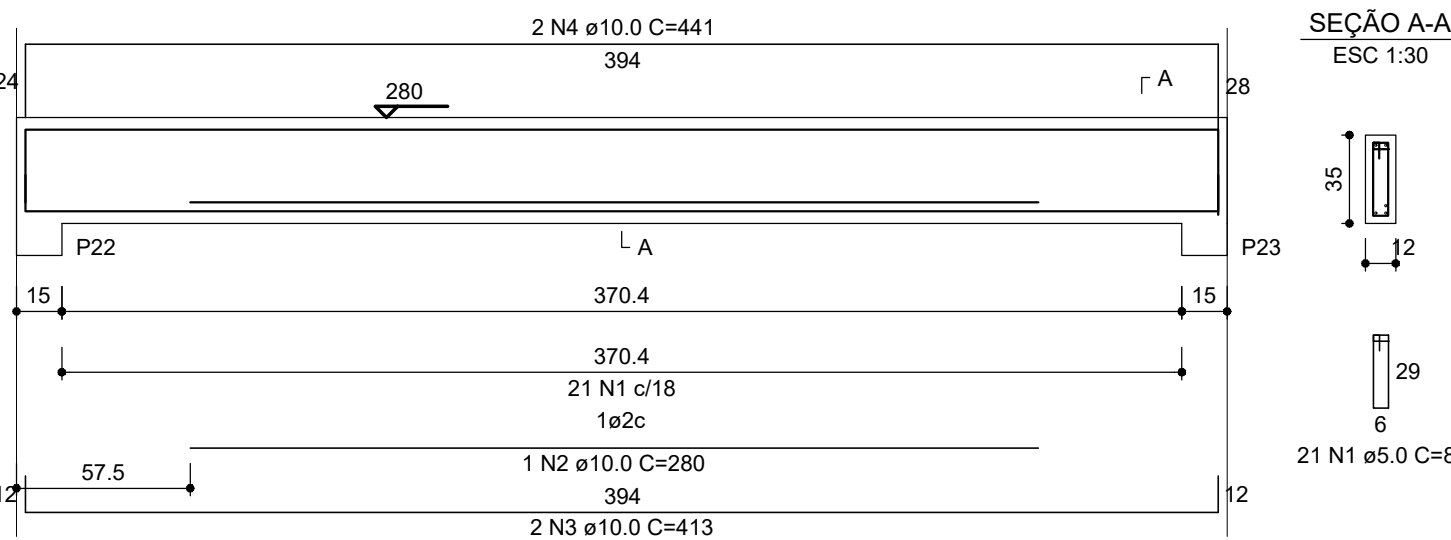
V10
ESC 1:25



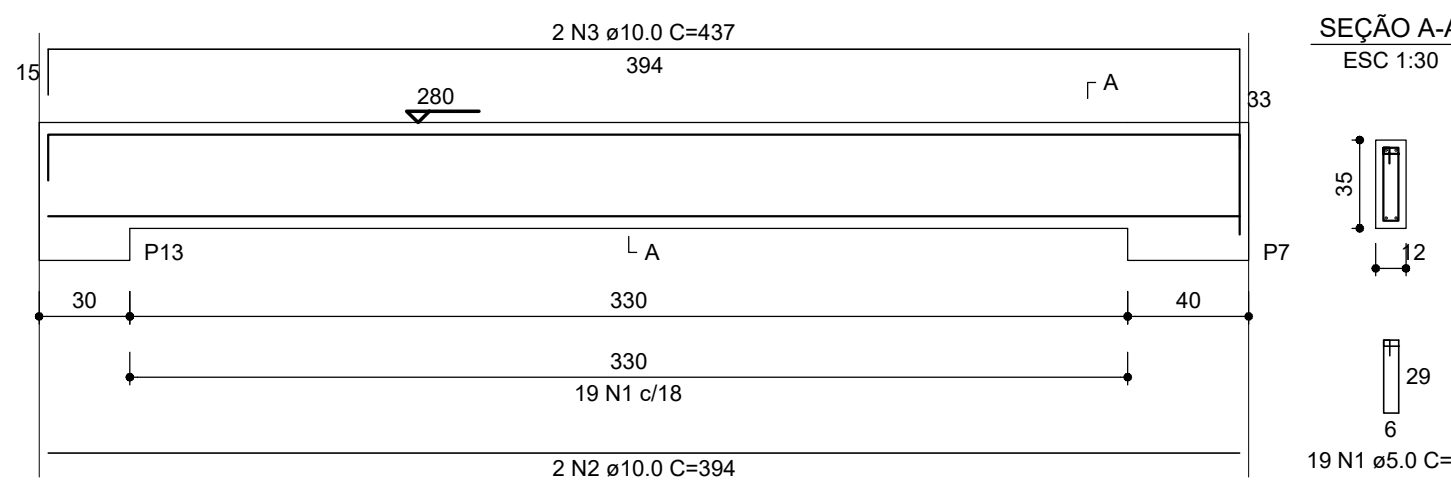
V12
ESC 1:25



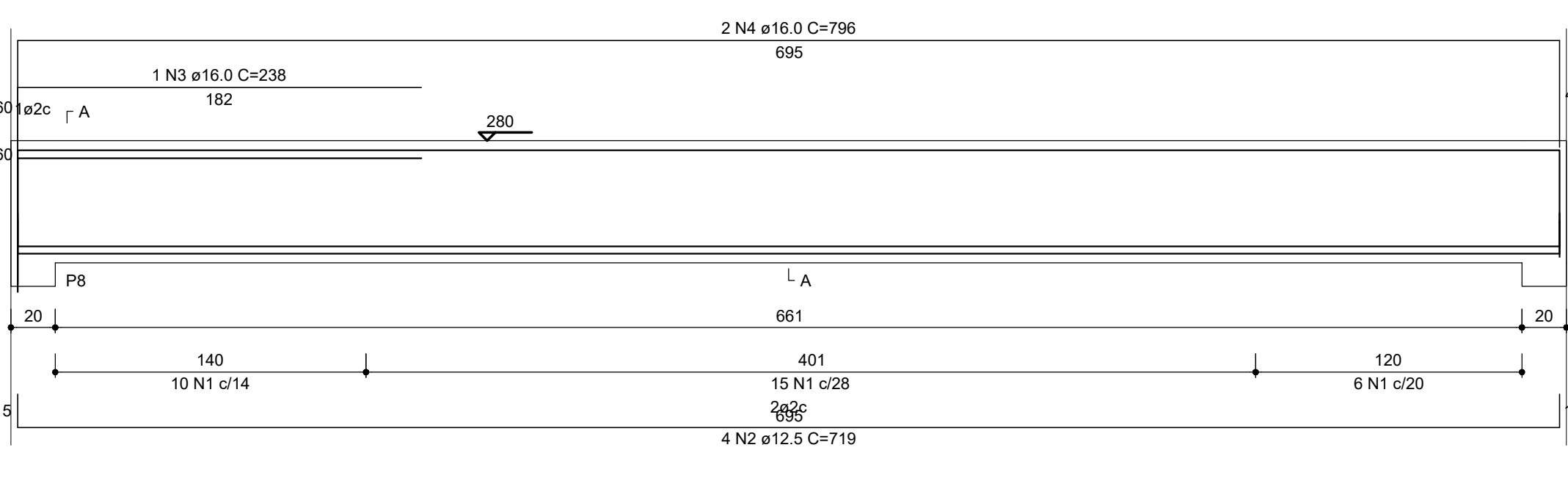
V8
ESC 1:25



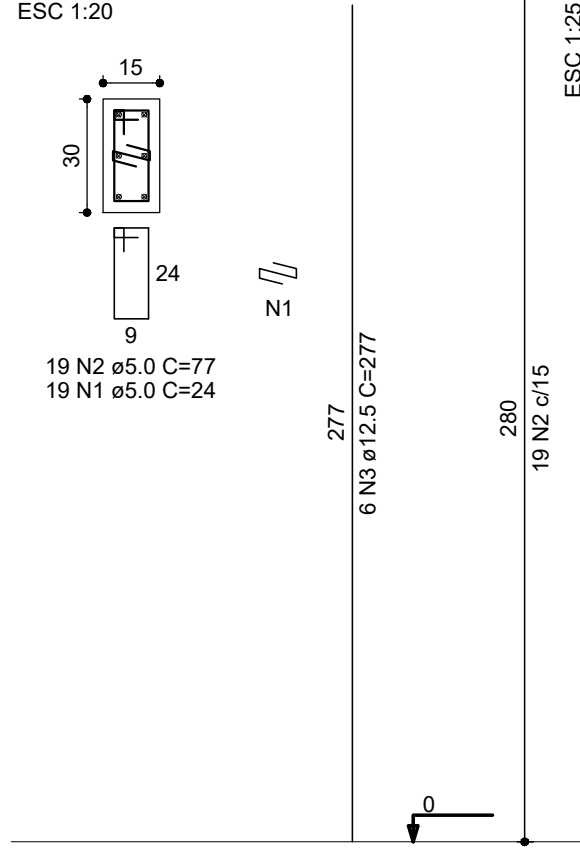
V11
ESC 1:25



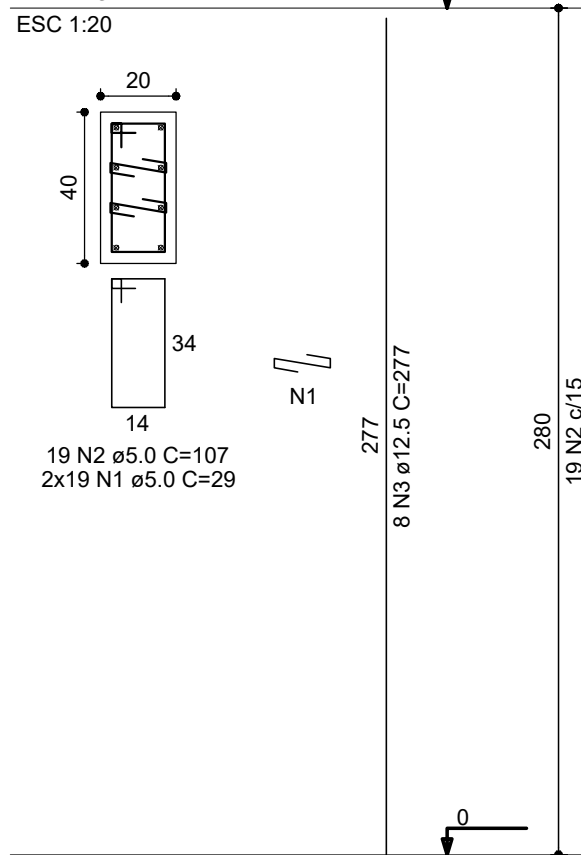
V14
ESC 1:25



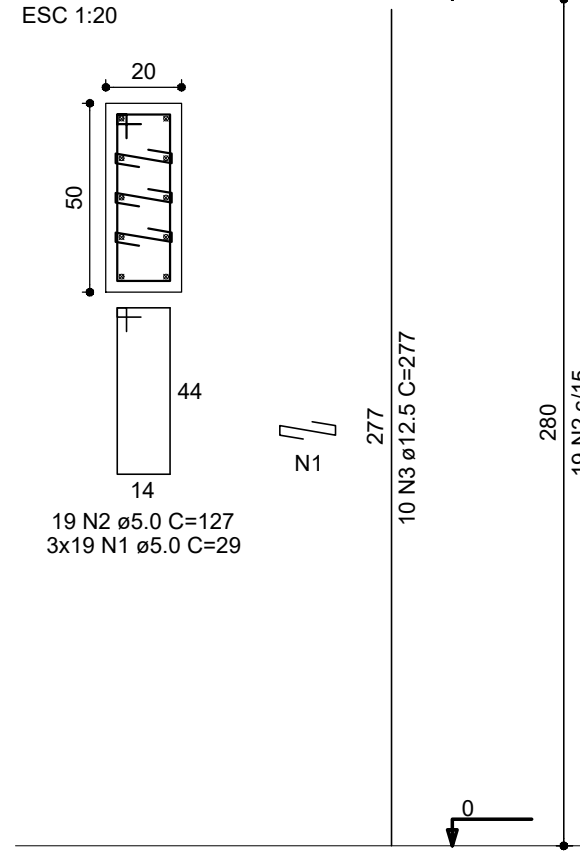
P27
TERREO - L2
ESC 1:20



P7=P9=P10=P12
TERREO - L2
ESC 1:20



P8=P11
TERREO - L2
ESC 1:20



RELAÇÃO DO AÇO						
ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
4xP7	CA60	1	5.0	152	29	4408
	CA60	2	5.0	76	107	8132
	CA50	3	12.5	32	277	8864
2xP8	CA60	1	5.0	114	29	3306
	CA60	2	5.0	38	127	4626
	CA50	3	12.5	20	277	5540
P27	CA60	1	5.0	19	24	456
	CA60	2	5.0	19	77	1463
	CA50	3	12.5	6	277	1662
V5	CA60	1	5.0	48	101	4848
	CA60	2	5.0	4	273	1092
	CA50	3	10.0	2	1084	2168
V6	CA50	4	10.0	2	195	390
	CA50	5	10.0	4	145	580
	CA50	6	10.0	2	270	540
V7	CA50	7	10.0	2	440	880
	CA60	1	5.0	48	101	4848
	CA60	2	5.0	6	corr	1356
V8	CA60	3	5.0	2	273	546
	CA50	4	10.0	2	1077	2154
	CA50	5	10.0	2	187	374
V9	CA50	6	10.0	2	155	310
	CA50	7	10.0	1	472	472
	CA50	8	10.0	2	829	1658
V10	CA60	1	5.0	21	81	1701
	CA50	2	10.0	1	280	280
	CA50	3	10.0	2	413	826
V11	CA50	4	10.0	2	440	880
	CA60	1	5.0	21	81	1701
	CA50	2	10.0	1	280	280
V12	CA50	3	10.0	2	413	826
	CA50	4	10.0	2	444	888
	CA60	1	5.0	21	81	1701
V13	CA50	2	10.0	2	402	804
	CA50	3	10.0	2	435	870
	CA60	1	5.0	19	81	1539
V14	CA50	2	10.0	2	394	788
	CA50	3	10.0	2	437	874
	CA60	1	5.0	27	101	2727
	CA50	2	10.0	3	705	2115
	CA50	3	12.5	1	208	208
	CA50	4	12.5	1	253	253
	CA50	5	12.5	1	203	203
	CA50	6	12.5	2	777	1554
	CA60	1	5.0	16	101	1616
	CA50	2	10.0	2	394	788
	CA50	3	12.5	1	170	170
	CA50	4	12.5	1	250	250
	CA50	5	12.5	2	456	912
	CA60	1	5.0	31	125	3875
	CA50	2	12.5	4	719	2876
	CA50	3	16.0	1	238	238
	CA60	4	16.0	2	796	1592

RESUMO DO AÇO			
AÇO	DIAM (mm)	C. TOTAL (m)	PESO + 10% (kg)
CA50	10.0	217.4	147.5
CA50	12.5	224.9	238.3
CA60	16.0	18.3	31.8
CA60	5.0	518.4	87.9
PESO TOTAL (kg)			
CA50	417.6		
CA60	87.9		
Volume de concreto (C-25) = 4.85 m³ Área de forma = 84.53 m²			

PREFEITURA MUNICIPAL DE BRAUNAS

GALPAO AGRICULTURA FAMILIAR

EMPENDIMENTO	ART Nº:	LOGRADOURO:	QUADRA:
	APROVAÇÃO:	BAIRRO:	CIDADE:
	SECRETARIA MUNICIPAL DE OBRAS	CENTRO	BRAUNAS/MG
	RESP. TEC:	CREA ES:	VISTO-MG:
PROJETO	PROPRIETARIO:	88.862/D	
	PREFEITURA MUNICIPAL DE BRAUNAS	CNPJ:	DATA:
	183.073.890/0001-88	AGOSTO/2021	
	DETALHE:	ESC.:	AREAS:
USO:	VIGAS DO PAVIMENTO TERREO	INDICADA	AREA CONSTRUIDA = 621,00 m2
	PILARES DO TERREO		AREA DO TERRENO = 1.500,00 m2
	RESIDENCIAL		
TITULO:	PROJETO ESTRUTURAL	FOLHA:	
	GALPAO AGRICULTURA FAMILIAR - BRAUNAS / MG	11/12	