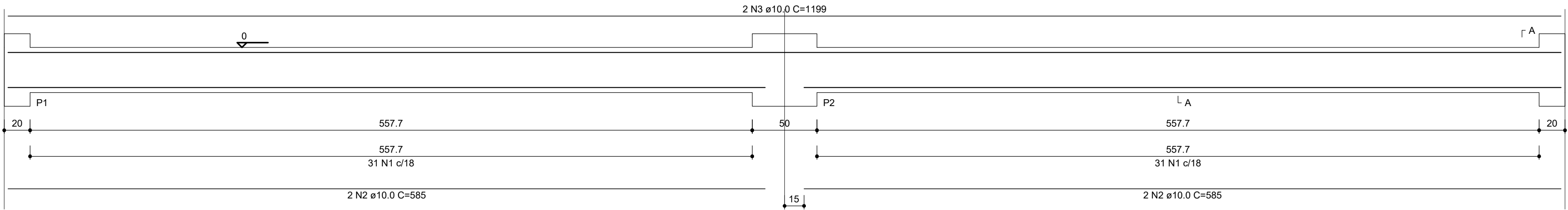
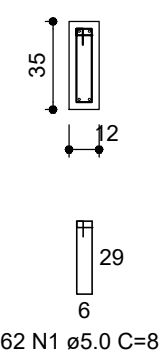


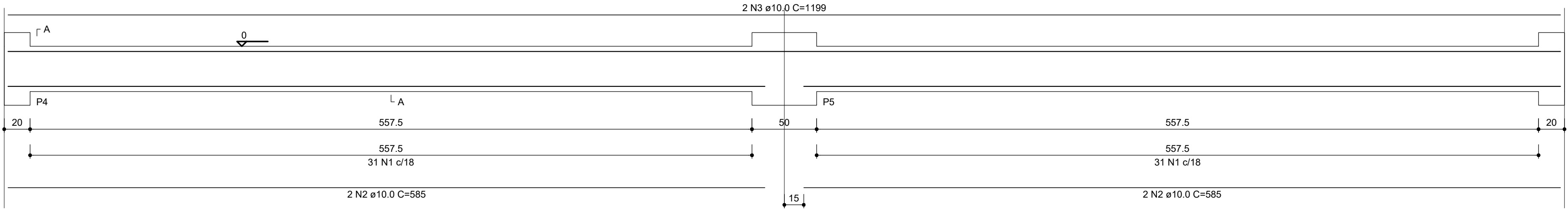
V1  
ESC 1:25



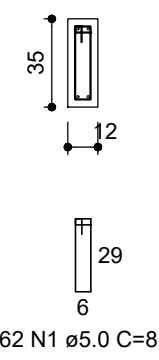
SEÇÃO A-A  
ESC 1:30



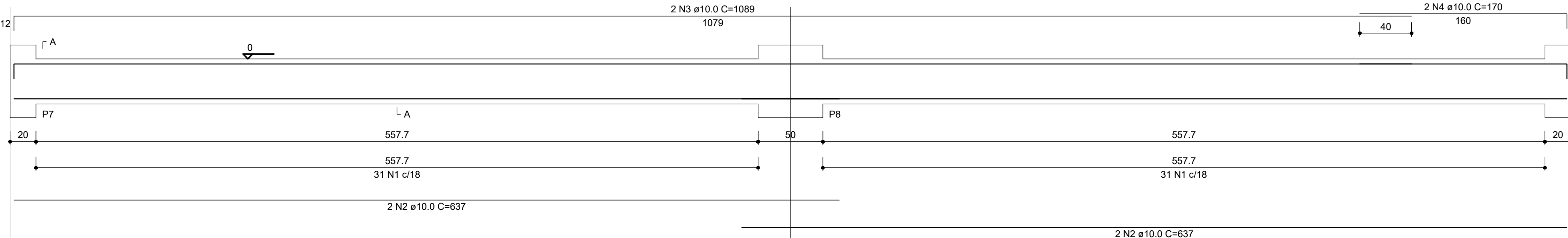
V2  
ESC 1:25



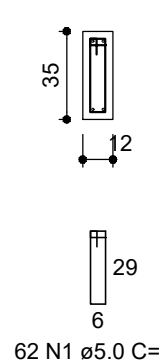
SEÇÃO A-A  
ESC 1:30



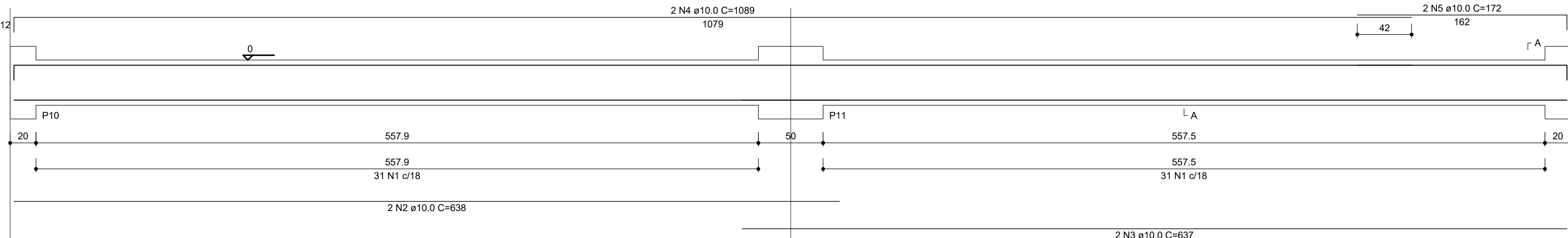
V3  
ESC 1:25



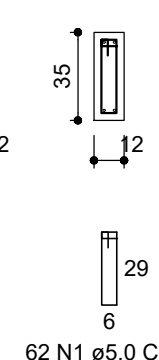
SEÇÃO A-A  
ESC 1:30



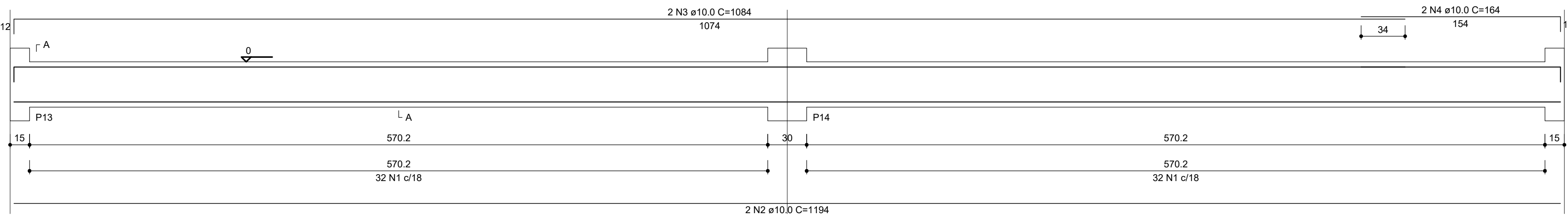
V4  
ESC 1:25



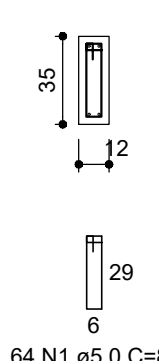
SEÇÃO A-A  
ESC 1:30



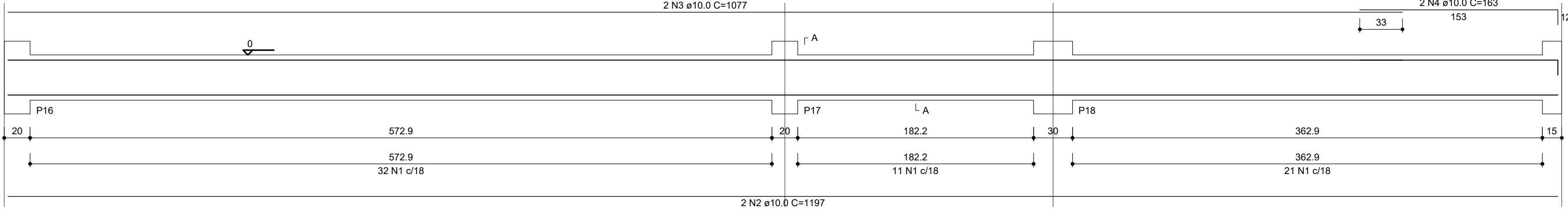
V5  
ESC 1:25



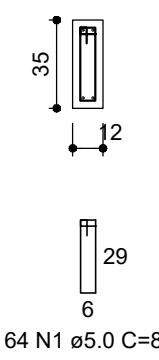
SEÇÃO A-A  
ESC 1:30



V6  
ESC 1:25



SEÇÃO A-A  
ESC 1:30



RELAÇÃO DO AÇO						
ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1	CA60	1	5.0	62	81	5022
	CA50	2	10.0	4	585	2340
	CA50	3	10.0	2	1199	2398
V2	CA60	1	5.0	62	81	5022
	CA50	2	10.0	4	585	2340
	CA50	3	10.0	2	1199	2398
V3	CA60	1	5.0	62	81	5022
	CA50	2	10.0	4	637	2548
	CA50	3	10.0	2	1089	2178
V4	CA60	1	5.0	62	81	5022
	CA50	2	10.0	2	638	1276
	CA50	3	10.0	2	637	1274
V5	CA60	1	5.0	64	81	5184
	CA50	2	10.0	2	1194	2388
	CA50	3	10.0	2	1084	2168
V6	CA60	1	5.0	64	81	5184
	CA50	2	10.0	2	1197	2394
	CA50	3	10.0	2	1077	2154

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	293.7	199.2
CA60	5.0	304.6	51.6
PESO TOTAL (kg)			
CA50	199.2		
CA60	51.6		

Volume de concreto (C-25) = 3.03 m³  
Área de forma = 59.24 m²

PREFEITURA MUNICIPAL DE BRAUNAS

GALPAO AGRICULTURA FAMILIAR

EMPENDIMENTO	ART Nº:	LOGRADOURO:	QUADRA:
	APROVAÇÃO:	BAIRRO:	CIDADE:
	SECRETARIA MUNICIPAL DE OBRAS	CENTRO	BRAUNAS/MG
PROJETO	RESP. TEC.:	CREA ES.:	VISTO-MG:
	PROPRIETARIO:	CNPJ:	DATA:
	DETALHE:	ESC.:	AREAS:
PROJETO	VIGAS DO PAVIMENTO BALDRAME	INDICADA	AREA CONSTRUIDA = 621,00 m2
	USO:		AREA DO TERRENO = 1.500,00 m2
	TITULO:		FOLHA:
PROJETO	PROJETO ESTRUTURAL		
	GALPAO AGRICULTURA FAMILIAR - BRAUNAS / MG		
			07/12