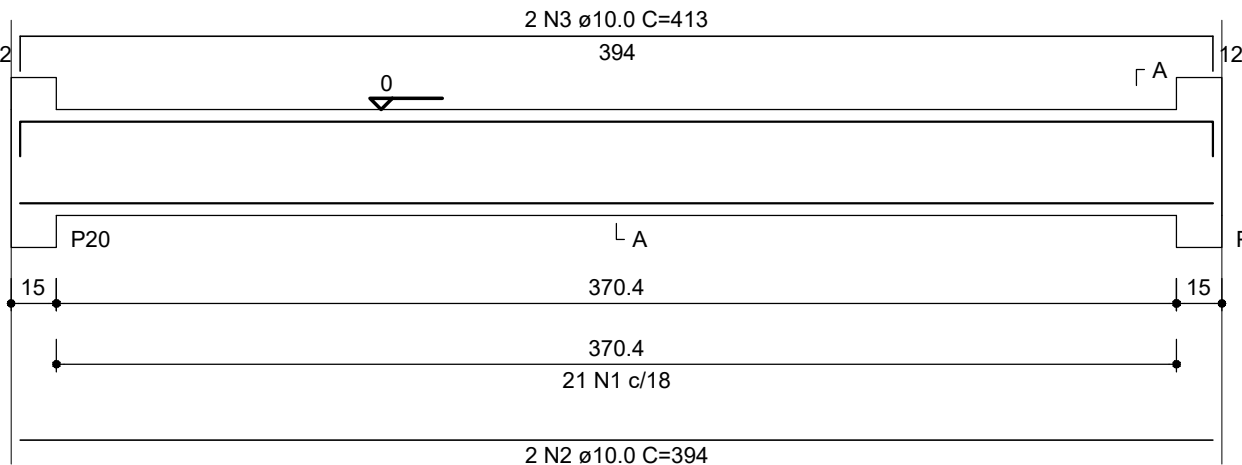


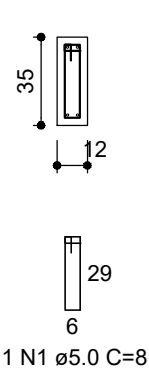
V7

ESC 1:25



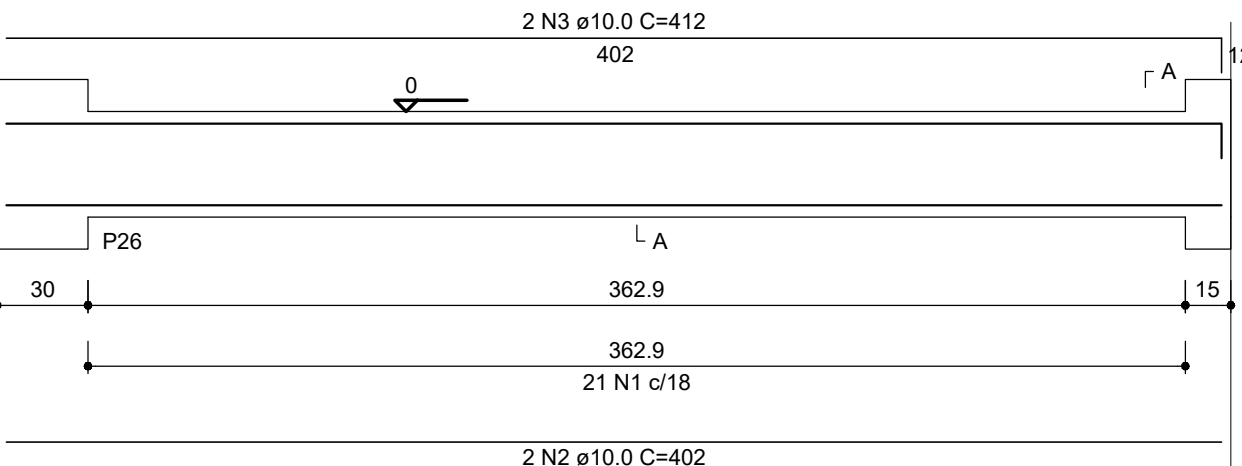
SEÇÃO A-A

ESC 1:30



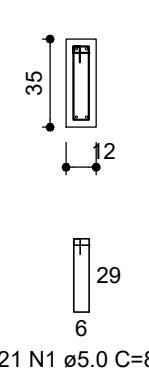
V10

ESC 1:25



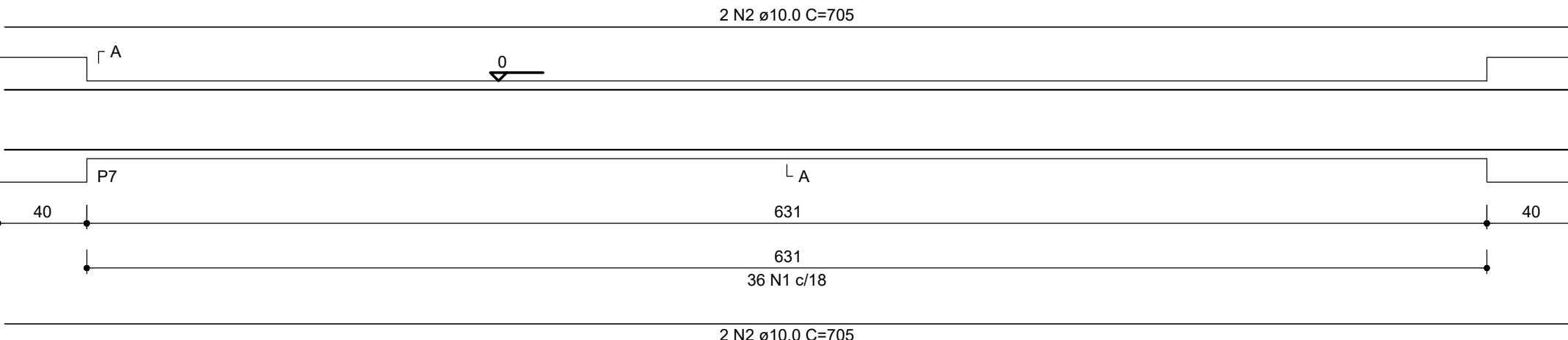
SEÇÃO A-A

ESC 1:30



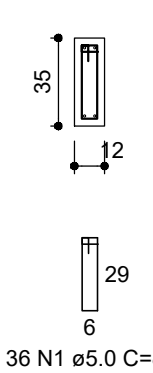
V12

ESC 1:25



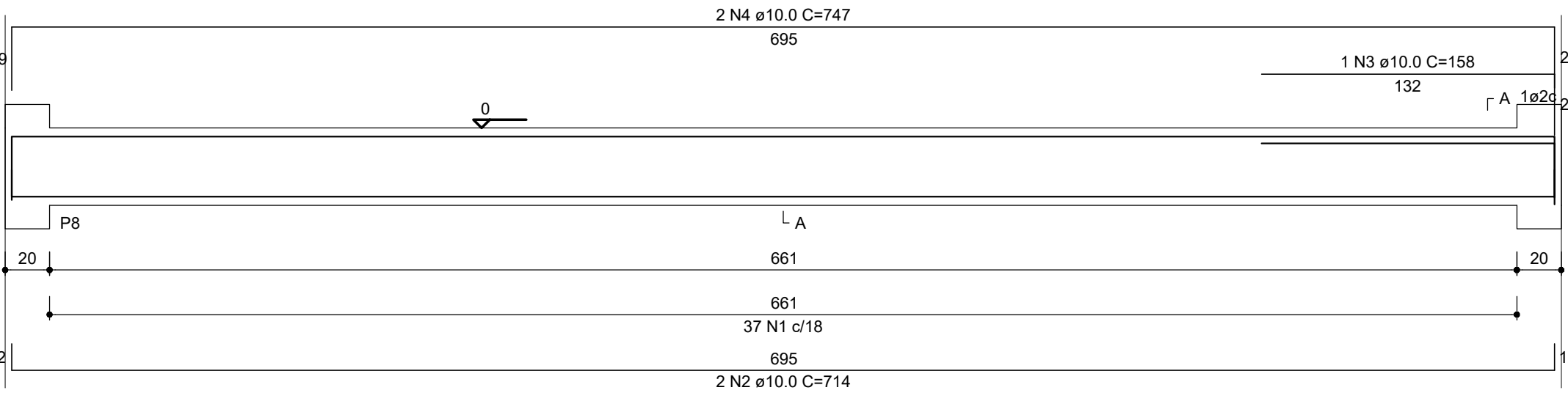
SEÇÃO A-A

ESC 1:30



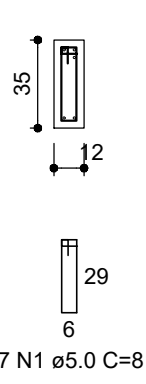
V14

ESC 1:25



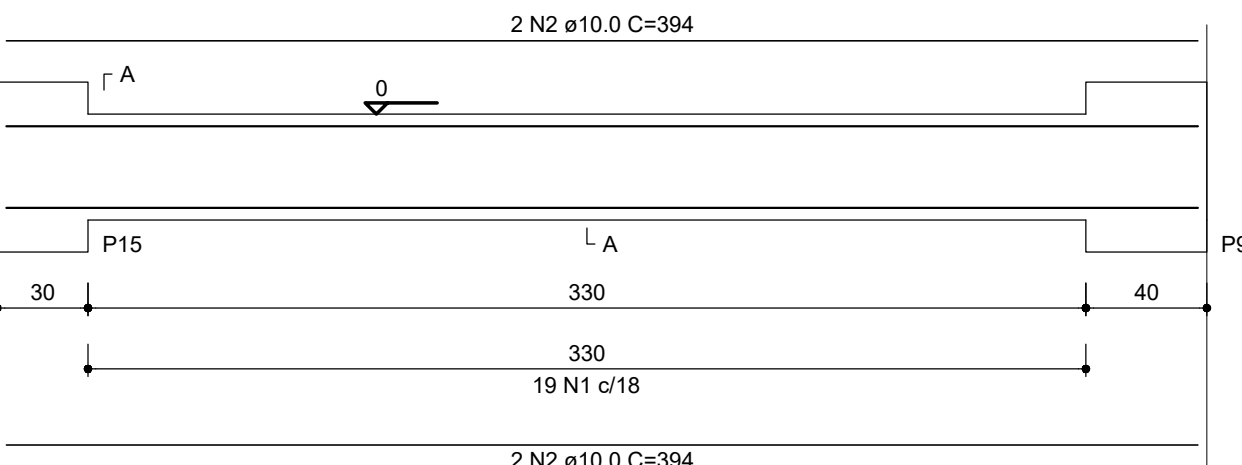
SEÇÃO A-A

ESC 1:30



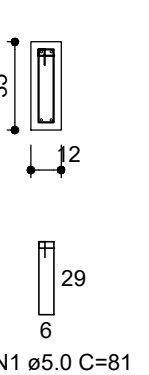
V15

ESC 1:25



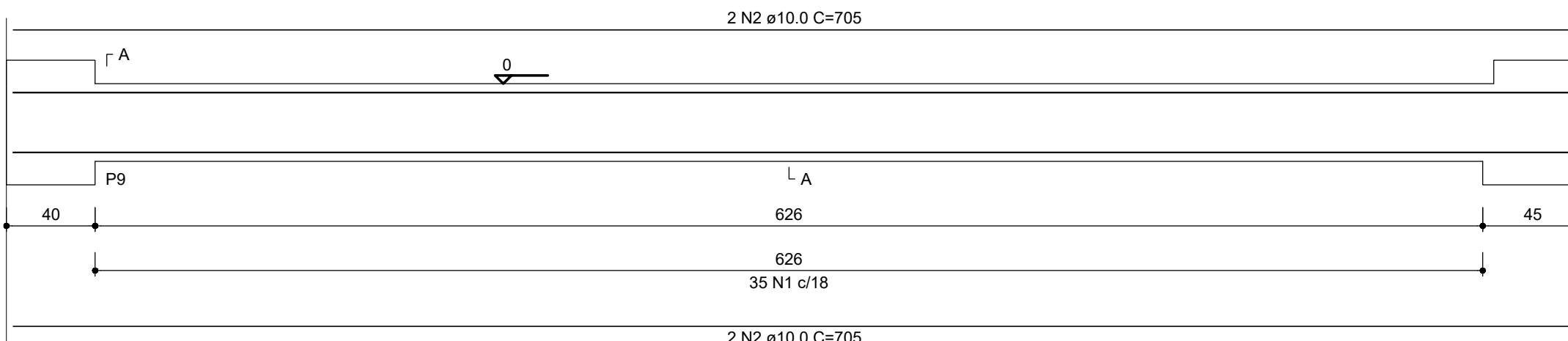
SEÇÃO A-A

ESC 1:30



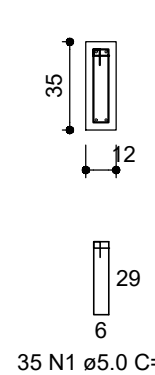
V16

ESC 1:25



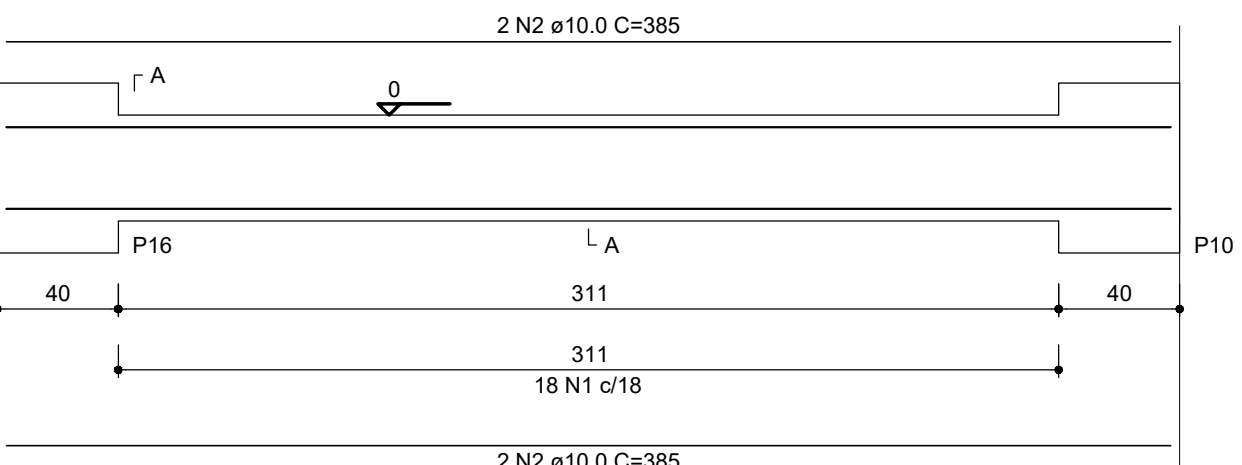
SEÇÃO A-A

ESC 1:30



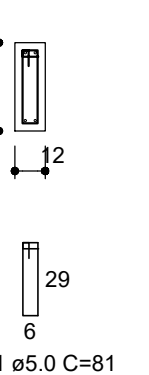
V17

ESC 1:25



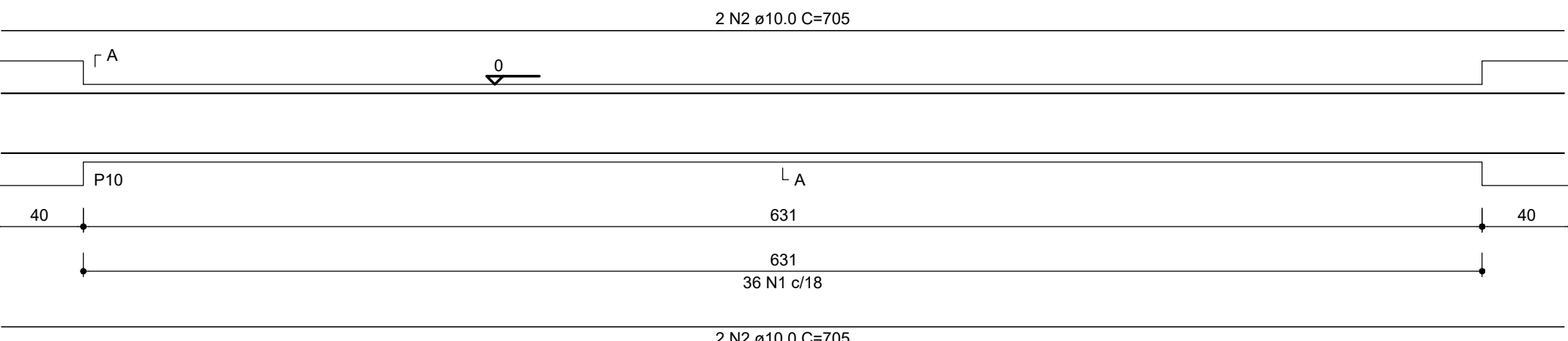
SEÇÃO A-A

ESC 1:30



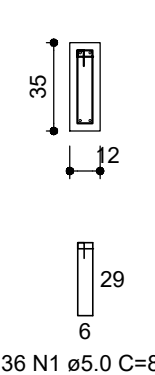
V18

ESC 1:25



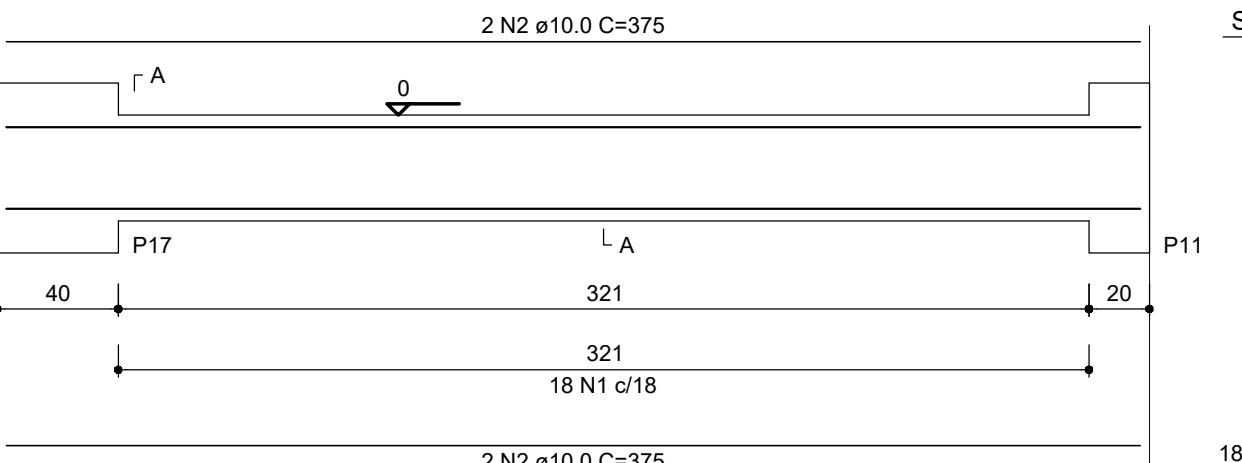
SEÇÃO A-A

ESC 1:30



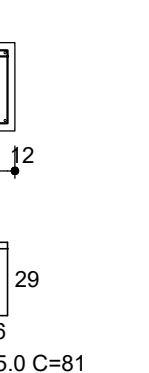
V19

ESC 1:25



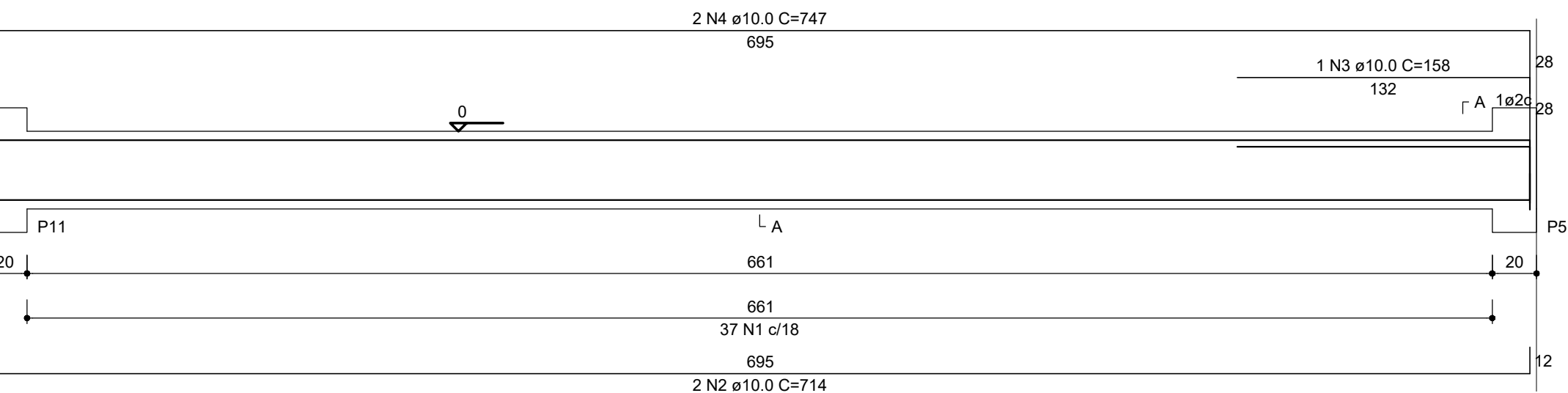
SEÇÃO A-A

ESC 1:30



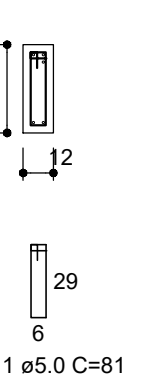
V20

ESC 1:25



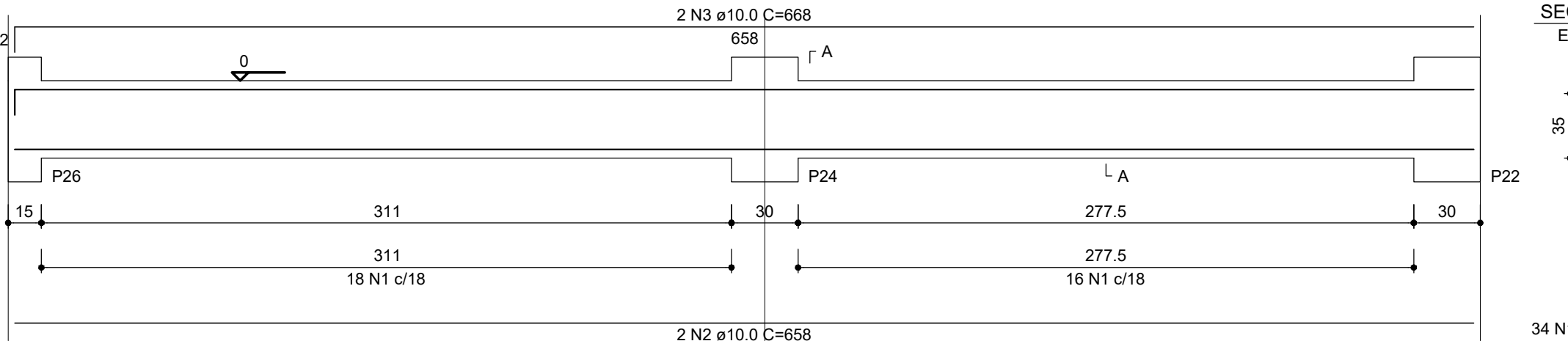
SEÇÃO A-A

ESC 1:30



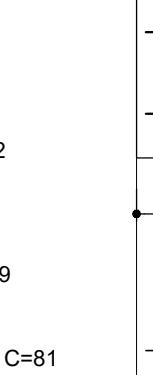
V21

ESC 1:25



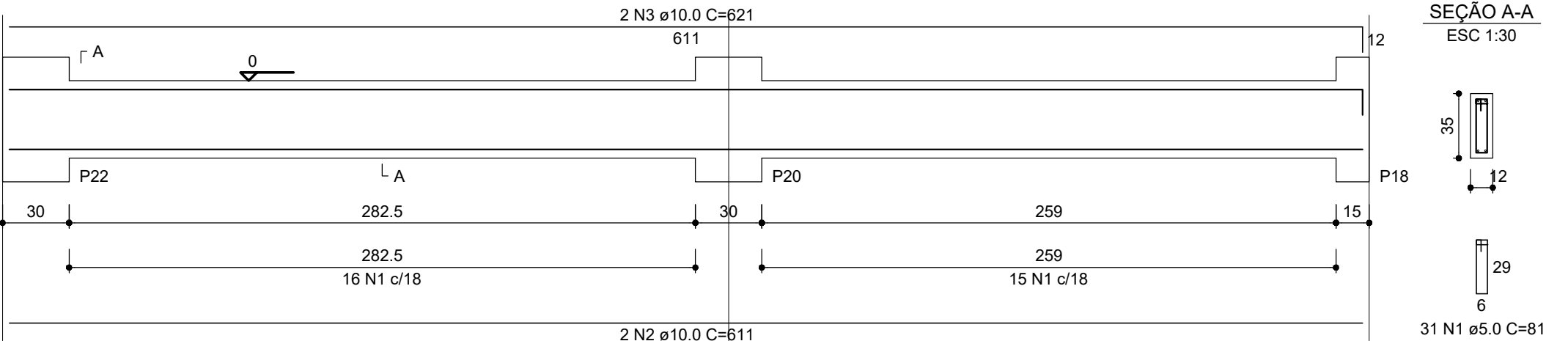
SEÇÃO A-A

ESC 1:30



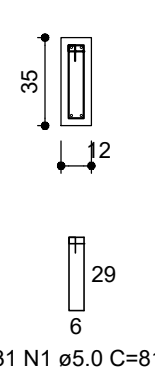
V22

ESC 1:25



SEÇÃO A-A

ESC 1:30



RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V7	CA60	1	5.0	21	81	1701
	CA50	2	10.0	2	394	788
V8	CA50	3	10.0	2	413	826
	CA60	2	5.0	21	81	1701
V9	CA60	2	10.0	2	394	788
	CA50	3	10.0	2	413	826
V10	CA60	1	5.0	21	81	1701
	CA50	2	10.0	2	402	804
V11	CA50	3	10.0	2	412	824
	CA60	1	5.0	19	81	1539
V12	CA50	2	10.0	4	394	1576
	CA60	1	5.0	36	81	2916
V13	CA50	2	10.0	4	705	2820
	CA60	1	5.0	20	81	1620
V14	CA50	2	10.0	2	377	754
	CA50	3	10.0	2	387	774
V15	CA60	1	5.0	37	81	2997
	CA50	2	10.0	2	714	1428
V16	CA50	2	10.0	1	158	158
	CA50	4	10.0	2	747	1494
V17	CA60	1	5.0	19	81	1539
	CA50	2	10.0	4	394	1576
V18	CA60	1	5.0	35	81	2835
	CA50	2	10.0	4	705	2820
V19	CA60	1	5.0	18	81	1458
	CA50	2	10.0	4	375	1500
V20	CA60	1	5.0	37	81	2997
	CA50	2	10.0	2	714	1428
V21	CA50	3	10.0	1	158	158
	CA50	4	10.0	2	747	1494
V22	CA60	1	5.0	34	81	2754
	CA50	2	10.0	2	658	1316
	CA50	3	10.0	2	668	1336
	CA60	1	5.0	31	81	2511
	CA50	2	10.0	2	611	1222
	CA50	3	10.0	2	621	1242

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	339.3	230.1
CA60	5.0	343.4	58.2
PESO TOTAL (kg)			
CA50		230.1	
CA60		58.2	

Volume de concreto (C-25) = 3.52 m³

Área de forma = 68.70 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.: ENG. VICENTE ALVES GUEDES		CREA ES.: 88.862/D	VISTO-MG:
PROPRIETARIO: PREFEITURA MUNICIPAL DE BRAUNAS		CNPJ: 183.073.890/0001-88	DATA: AGOSTO/2021
PROJETO	DETALHE: VIGAS DO PAVIMENTO BALDRAME	ESC.: INDICADA	AREAS:
	USO: RESIDENCIAL		AREA CONSTRUIDA = 621,00 m2
	TITULO: PROJETO ESTRUTURAL GALPAO AGRICULTURA FAMILIAR - BRAUNAS / MG		AREA DO TERRENO = 1.500,00 m2
FOLHA: 08/12			