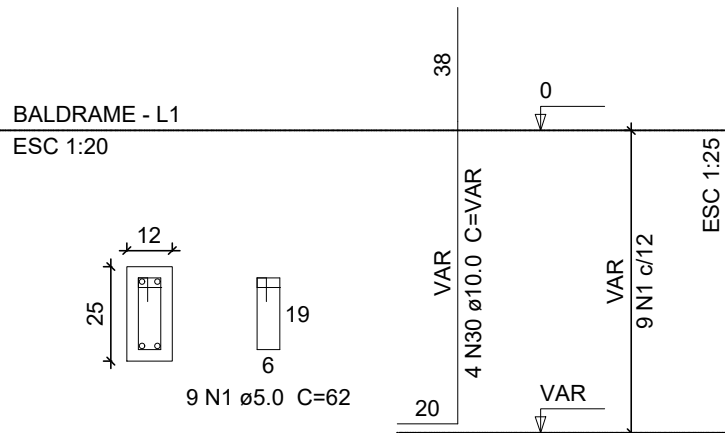
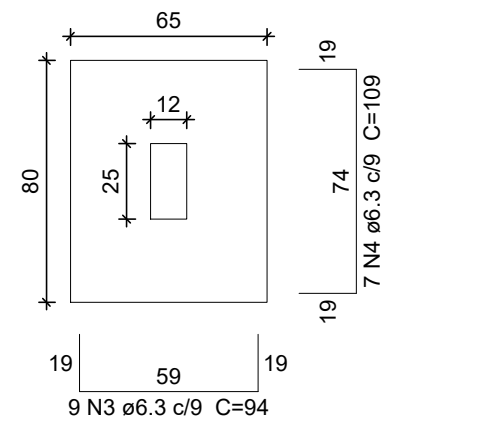


P1=P4=P8=P12

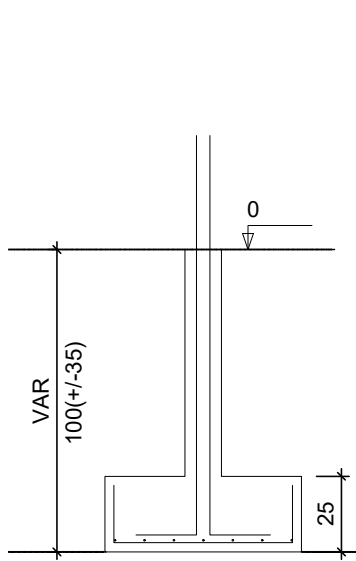


S1=S4=S8=S12
PLANTA
ESC 1:25

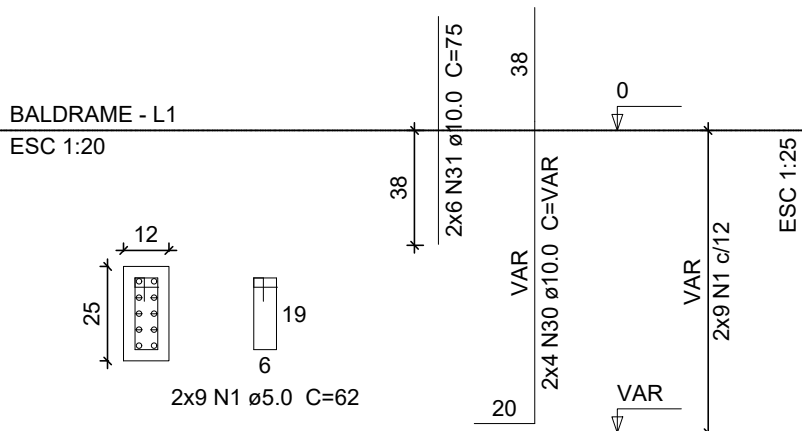


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

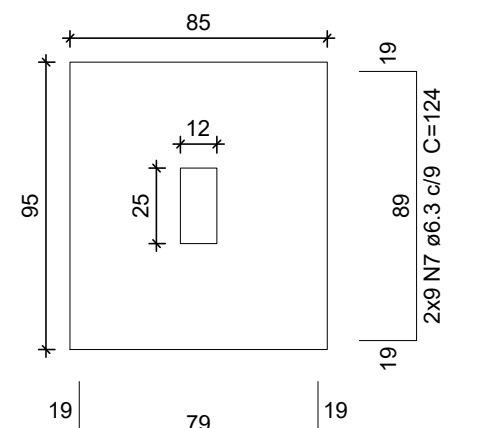
CORTE
ESC 1:25



P2=P3

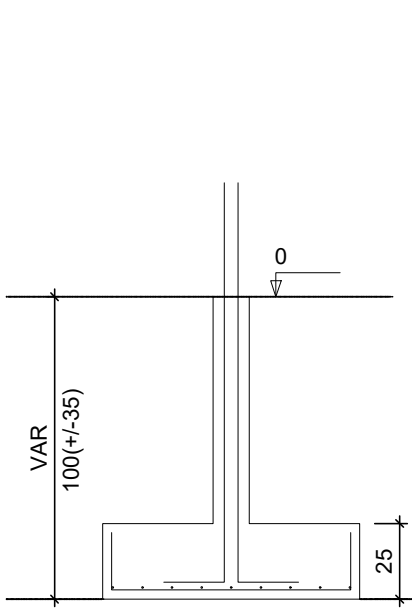


S6=S7
PLANTA
ESC 1:25

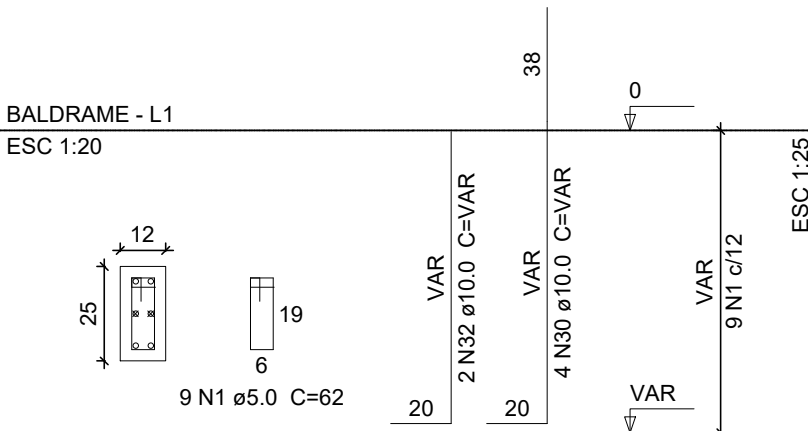


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

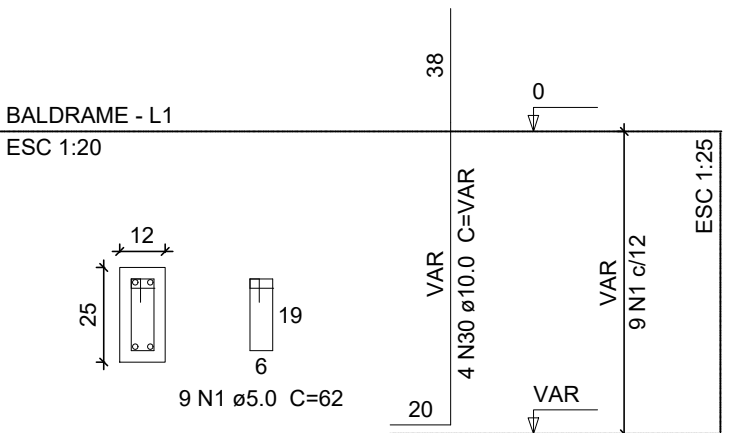
CORTE
ESC 1:25



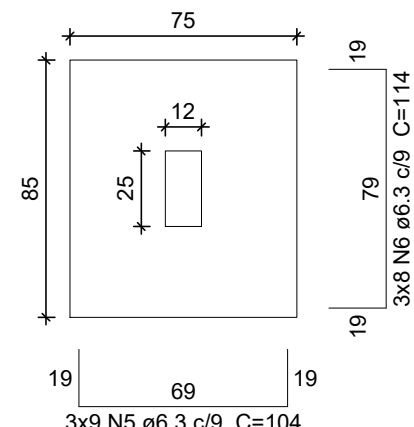
P5



P9=P10=P11

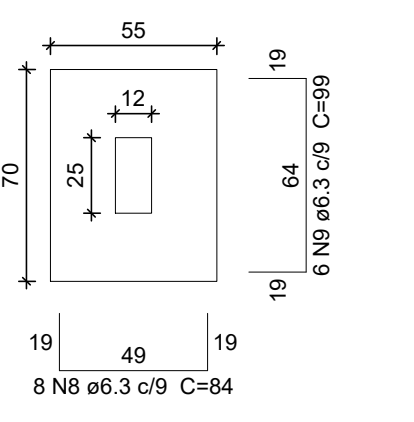


S2=S3=S5
PLANTA
ESC 1:25



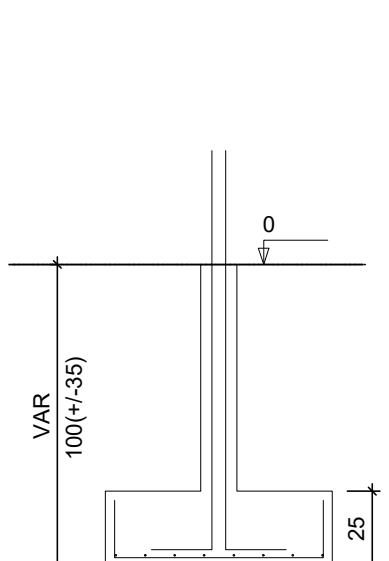
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S9=S10=S11
PLANTA
ESC 1:25

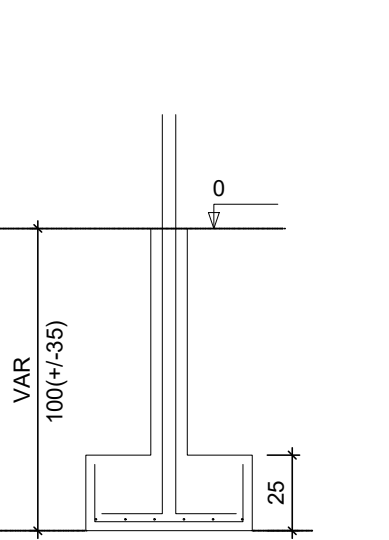


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



CORTE
ESC 1:25



Relação do aço

BALDRAME:	4xS1 S6 V1 V3 V5 V8 V10 V1	S2 3xS9 V2 V4 V6 V9 2xP2
TERREO:	10xP1 V1	

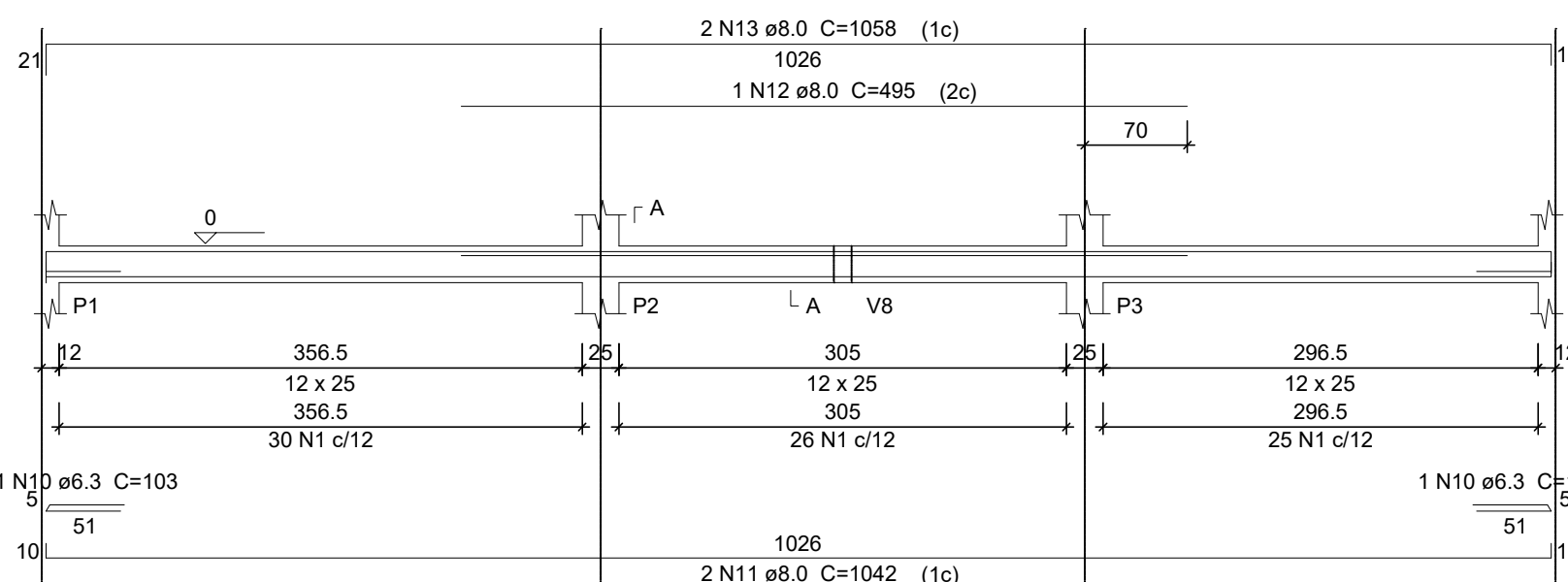
ÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	899	62	55738
CA50	2	5.0	2	240	480
	3	6.3	36	94	3384
	4	6.3	28	109	3052
	5	6.3	27	104	2808
	6	6.3	44	114	5016
	7	6.3	18	124	2232
	8	6.3	24	84	2016
	9	6.3	18	99	1782
	10	6.3	6	103	618
	11	8.0	6	1042	6252
	12	8.0	1	495	495
	13	8.0	2	1058	2116
	14	8.0	2	210	420
	15	8.0	2	352	704
	16	8.0	4	69	276
	17	8.0	2	397	794
	18	8.0	2	427	854
	19	8.0	2	337	674
	20	8.0	2	352	704
	21	8.0	4	1048	4192
	22	8.0	4	601	2404
	23	8.0	4	609	2436
	24	8.0	2	237	474
	25	8.0	2	249	498
	26	8.0	2	617	1234
	27	8.0	1	180	180
	28	8.0	1	423	423
	29	8.0	2	633	1266
	30	10.0	48	VAR	VAR
	31	10.0	12	75	900
	32	10.0	6	VAR	VAR
	33	10.0	60	297	17820

Resumo do aço

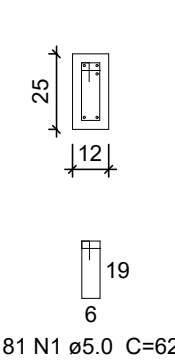
ÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	208.1	56.3
	8.0	264	114.6
	10.0	269	182.4
CA60	5.0	562.2	95.3
PESO TOTAL			
CA50	353.3		
CA60	95.3		

Vol. de concreto total (C-25) = 4.99 m³
Área de forma total = 82.94 m²

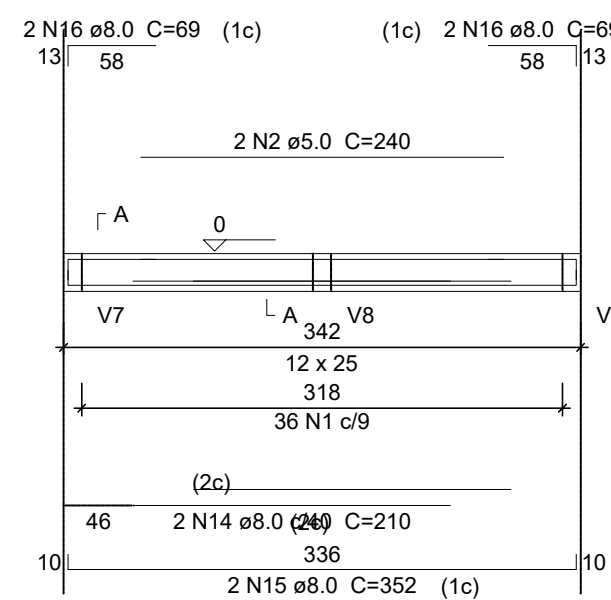
V1
ESC 1:50



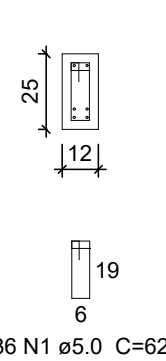
SEÇÃO A-A
ESC 1:25



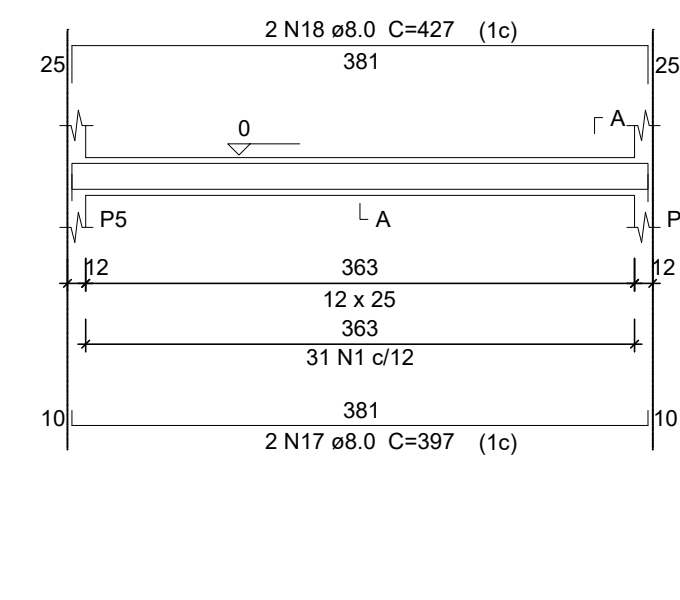
V2
ESC 1:50



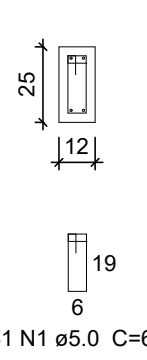
SEÇÃO A-A
ESC 1:25



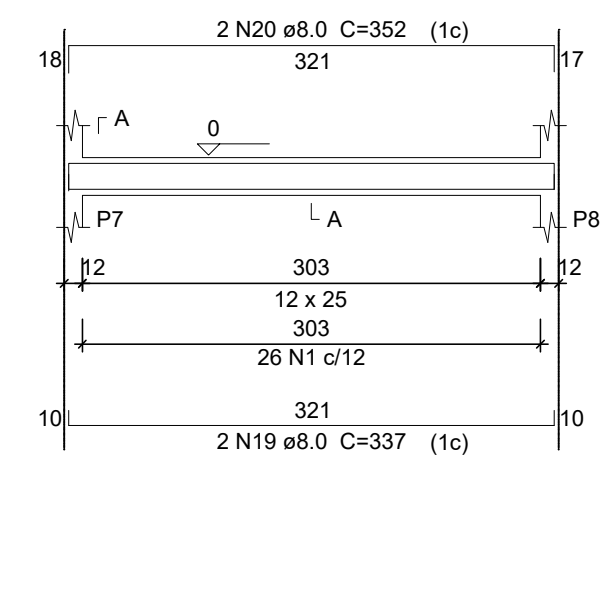
V3
ESC 1:50



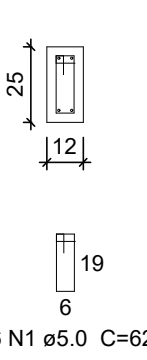
SEÇÃO A-A
ESC 1:25



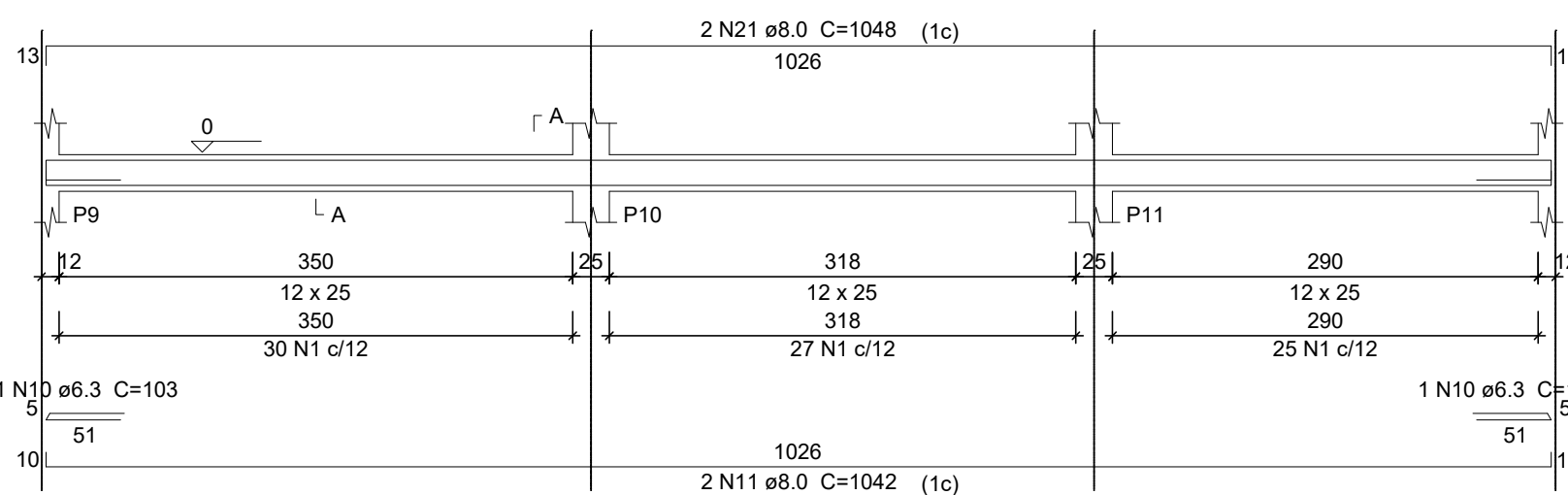
V4
ESC 1:50



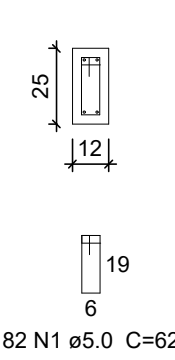
SEÇÃO A-A
ESC 1:25



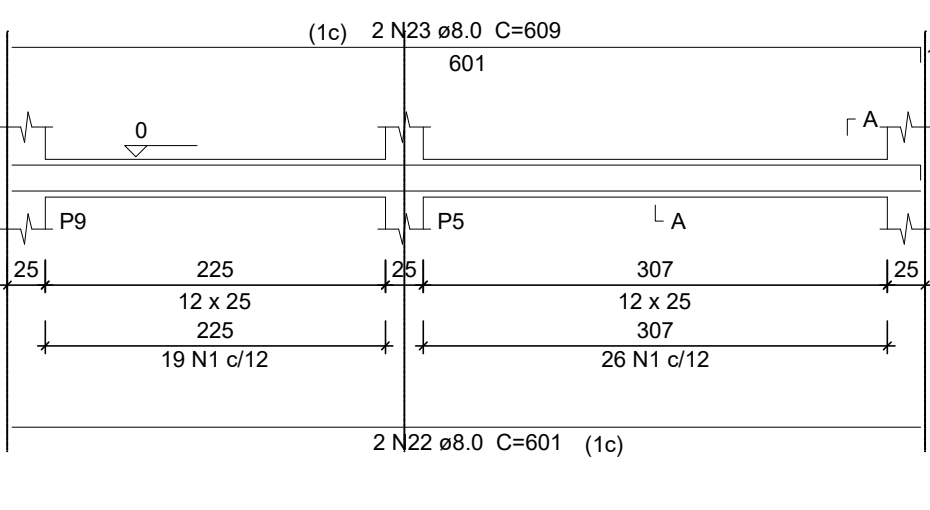
V5
ESC 1:50



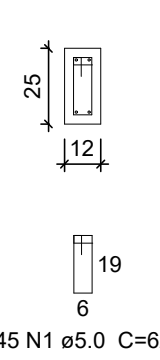
SEÇÃO A-A
ESC 1:25



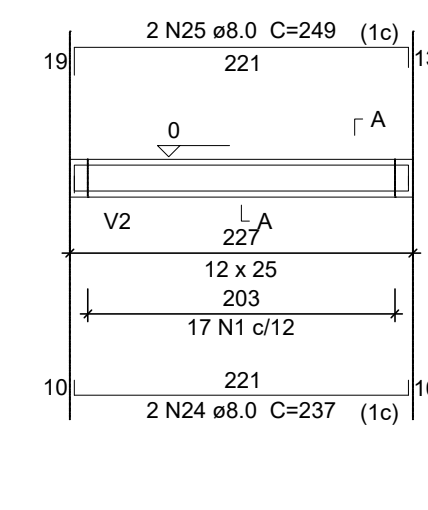
V6
ESC 1:50



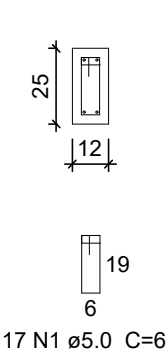
SEÇÃO A-A
ESC 1:25



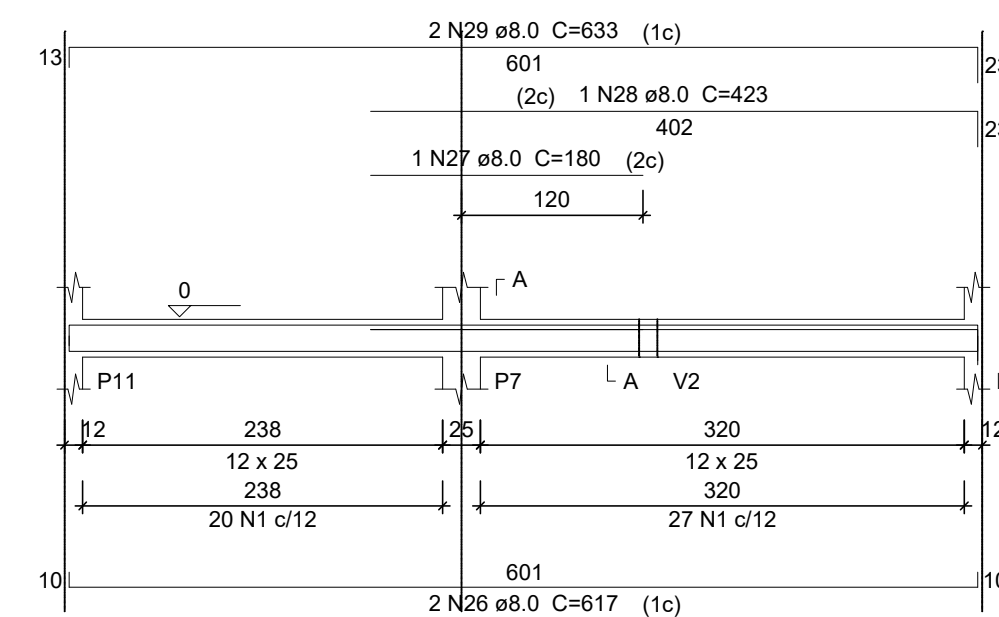
V8
ESC 1:50



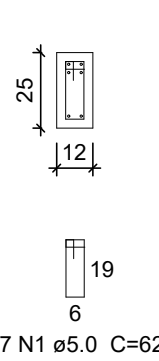
SEÇÃO A-A
ESC 1:25



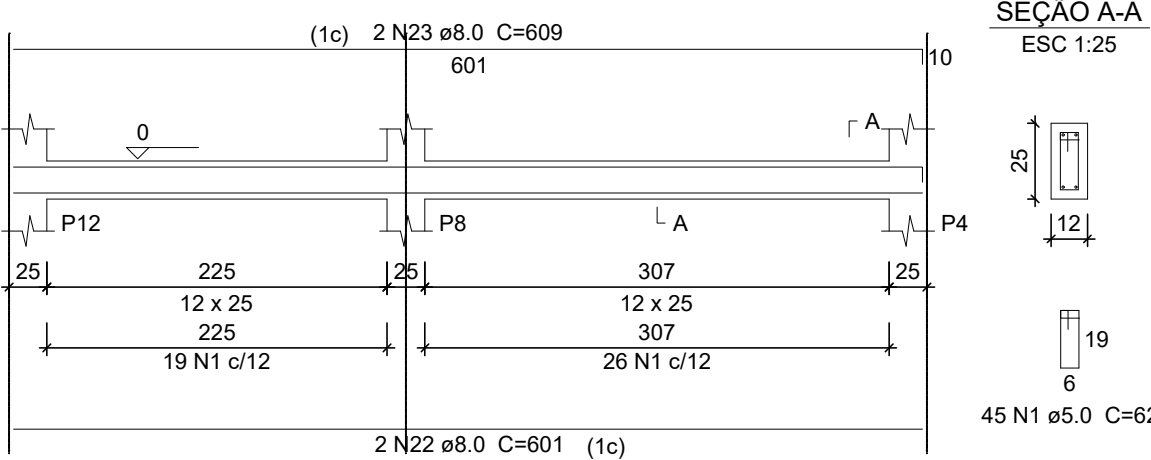
V9
ESC 1:50



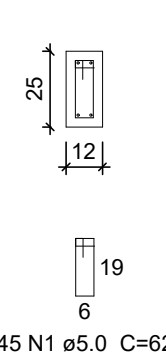
SEÇÃO A-A
ESC 1:25



V10
ESC 1:50



SEÇÃO A-A
ESC 1:25



PROJETO ESTRUTURAL

UTC - USINA DE TRIAGEM E COMPOSTAGEM

PROPRIETÁRIO:

PREFEITURA MUNICIPAL DE SÃO JOÃO DO PARAISO
CNPJ.: 24.791.154/0001-07

ENDEREÇO DA OBRA: ESTRADA P/ BOA SORTE, COHAB, SÃO JOÃO DO PARAISO-MG

ENGENHEIRO:

ROBERTO CÉSAR GOMES DE SOUSA
CREA-MG: 194.488/D

ÁREAS:

TERRENO: 2.578,00m²
ÁREA CONSTRUIDA: 63,13m² + 15,18m²

CONTEÚDO:

DETALHAMENTO DE SAPATAS, ARRANQUES DOS
PILARES, BALDRAMES E RESUMO DE AÇO

FRANCHA:

02/05

TAXA OCUP.:

3,037%

COEF. APRV.:

1,00

ESCALA:

INDICADAS

DATA:

OUTUBRO/2022