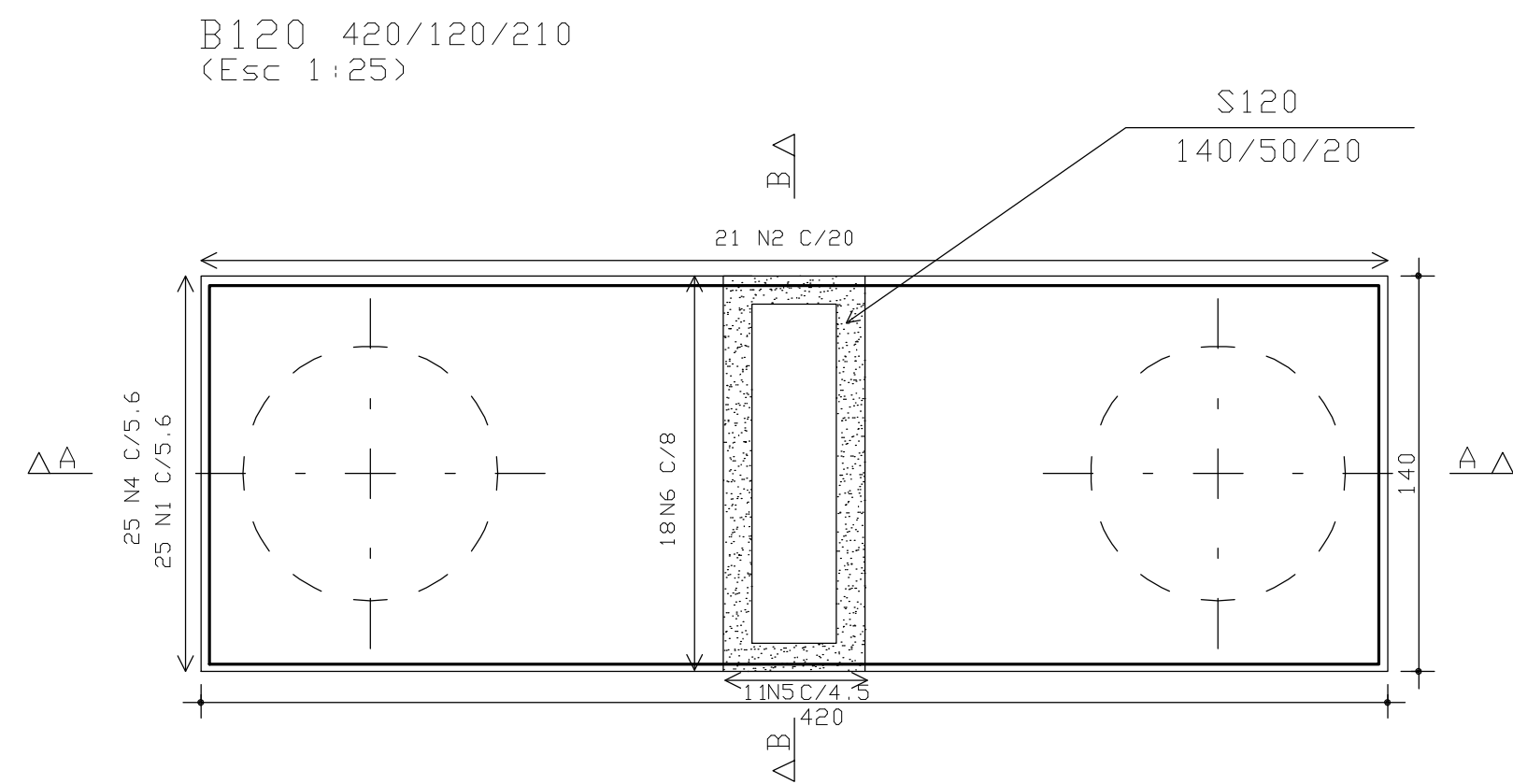
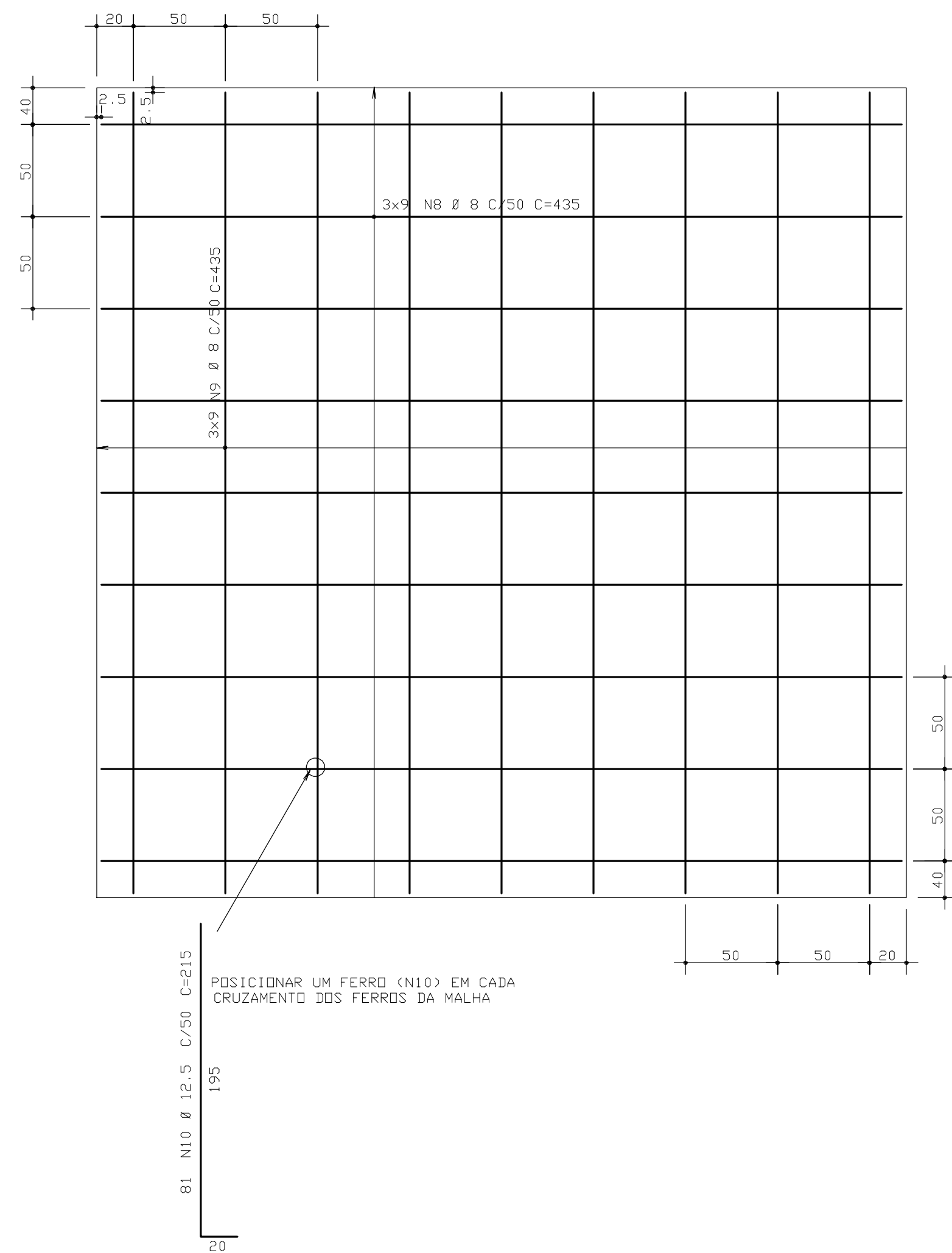
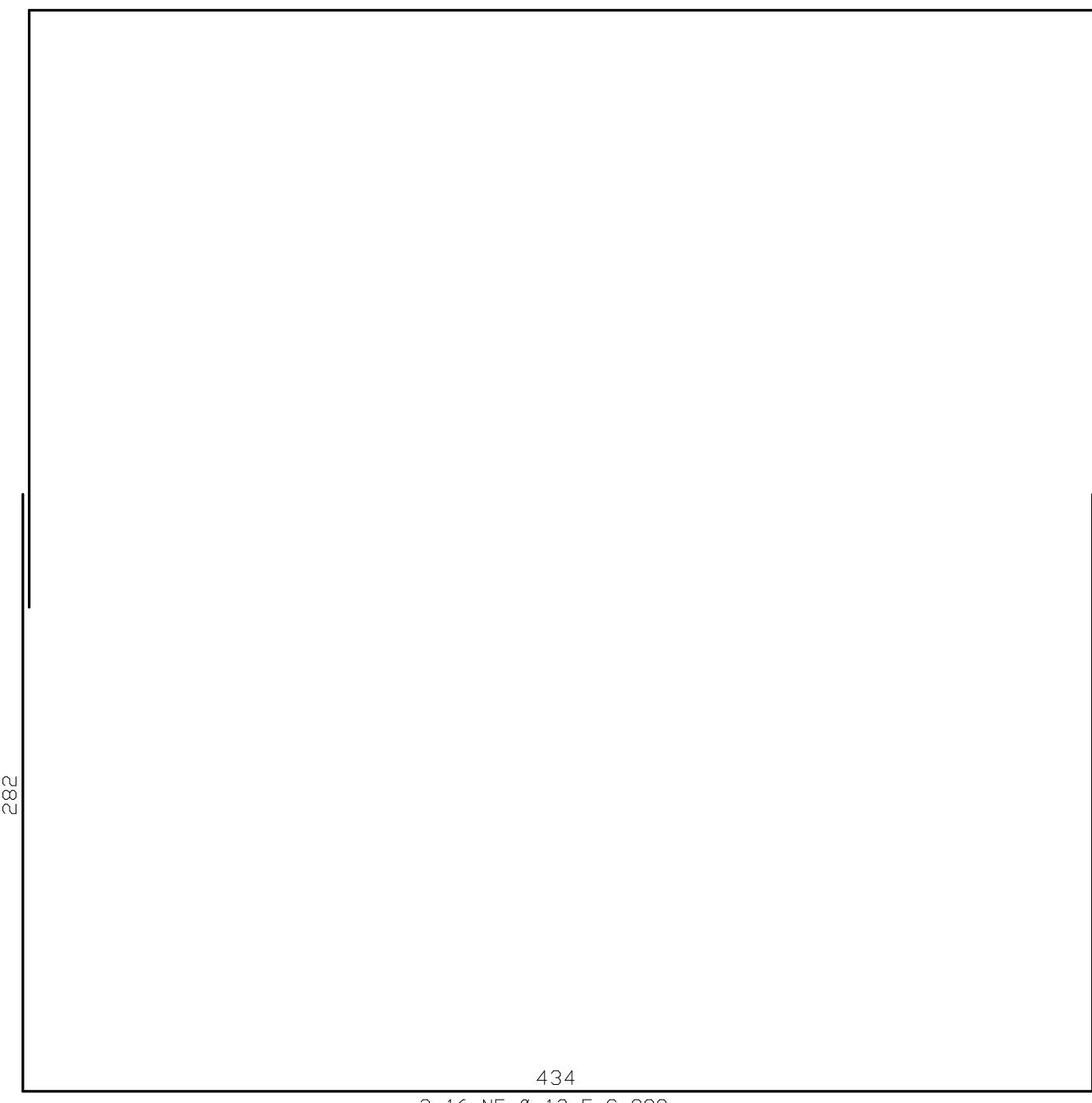
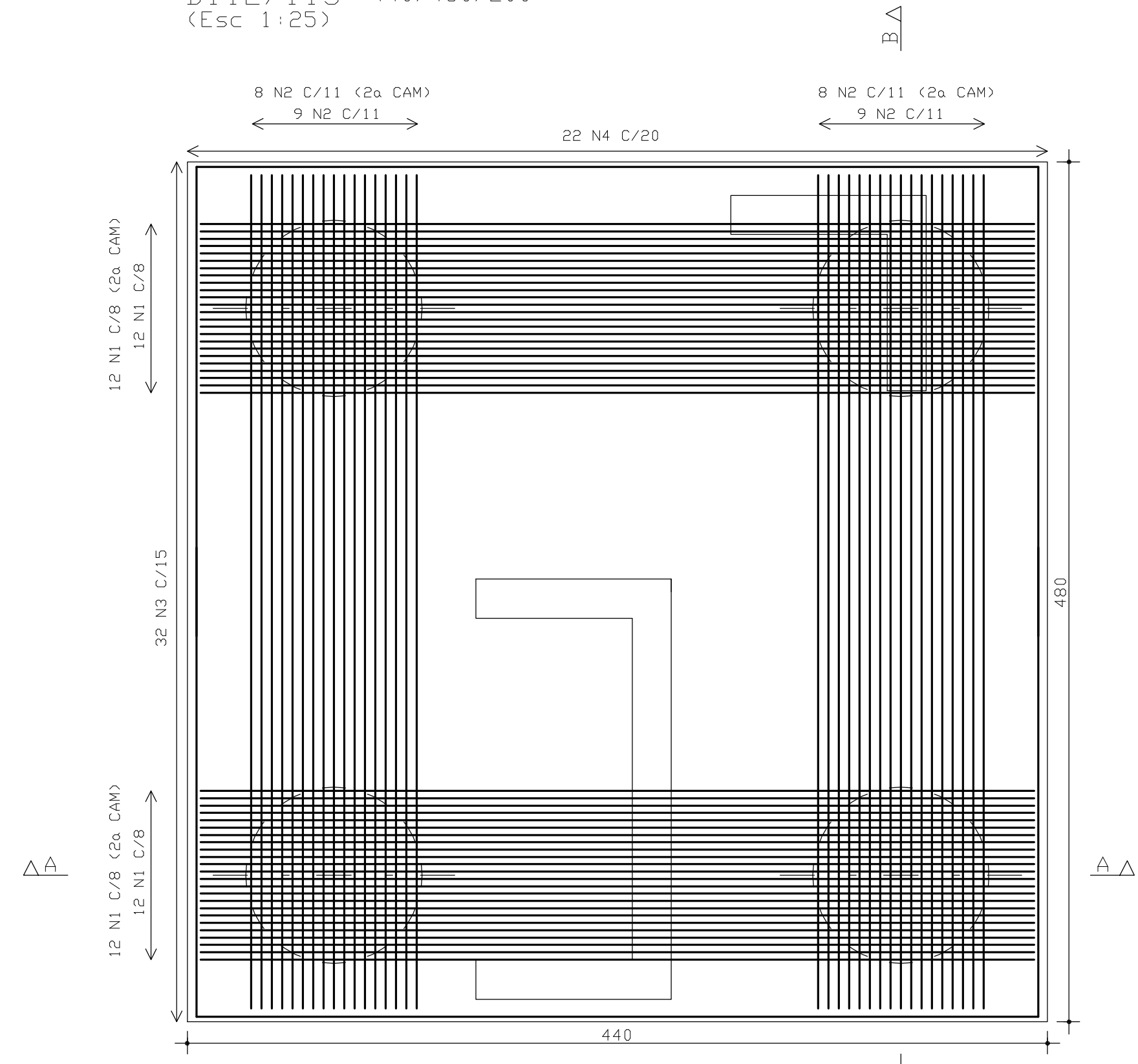
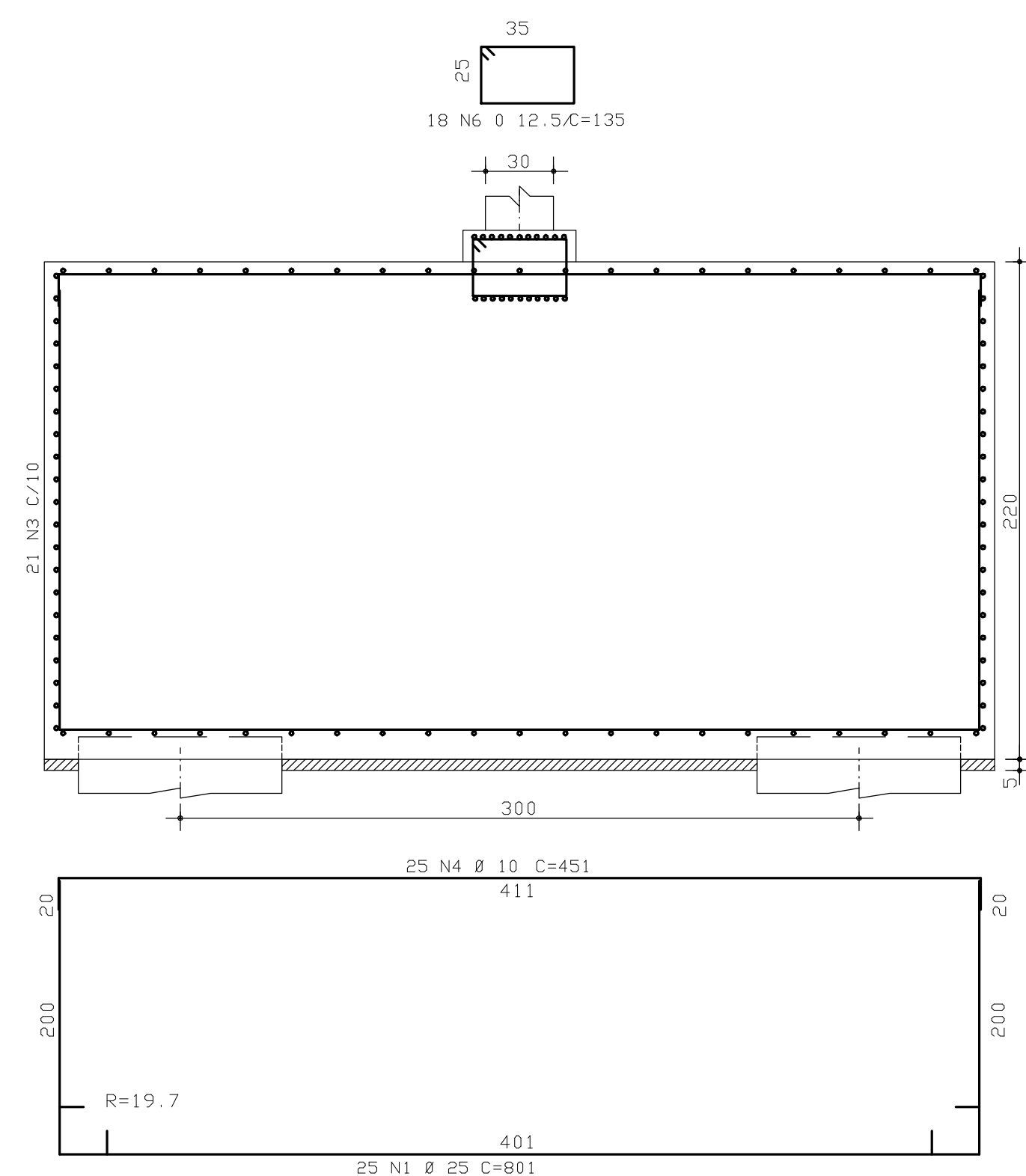


SISTEMA ENGENHARIA DE PROJETOS S/C LTDA - PL. CUNHA e MACHADO - ALTO-AR - JARDIM AT - BARRAS - JARDIMOURVEM - PCT. 17107/2010 - 11.31.72

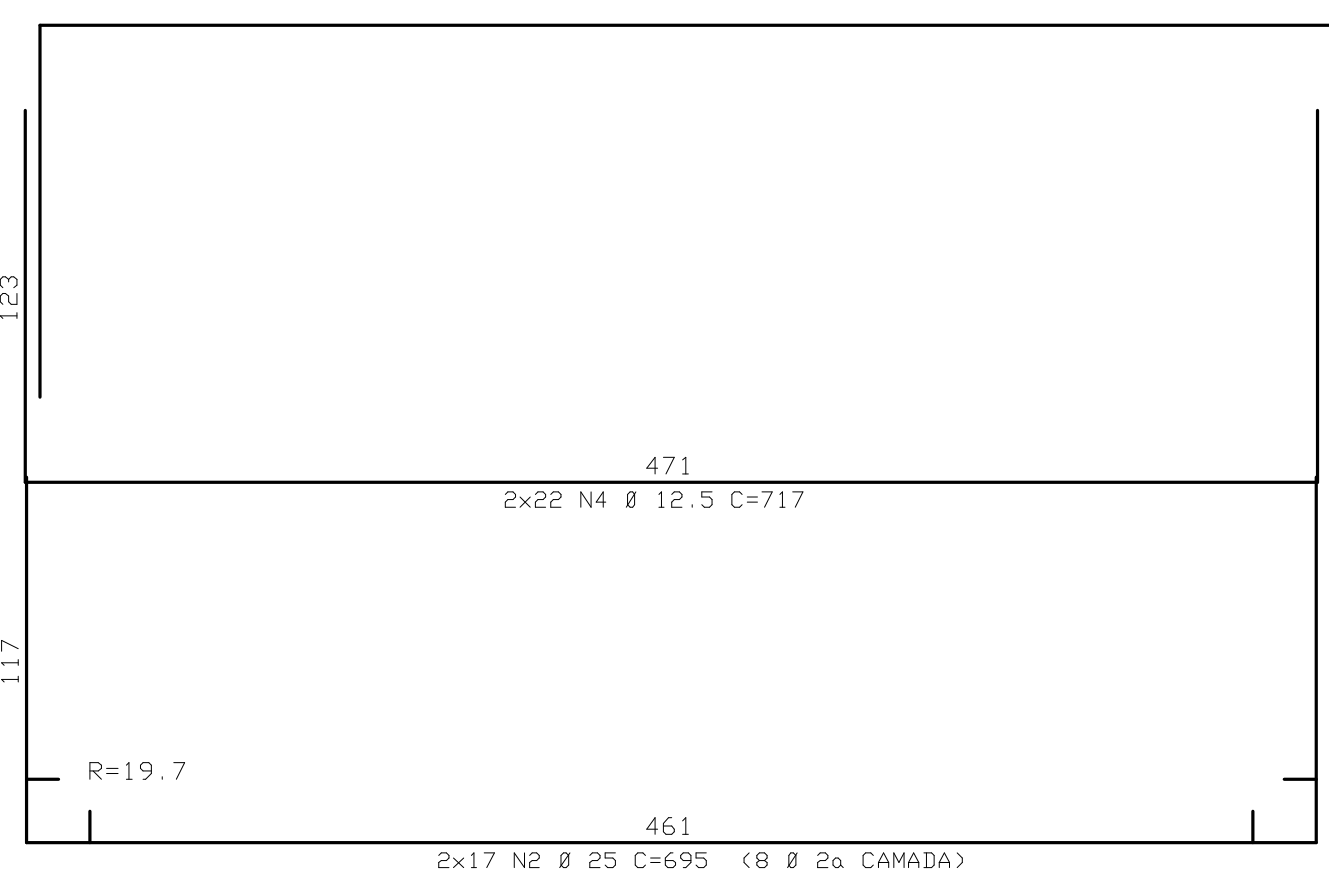
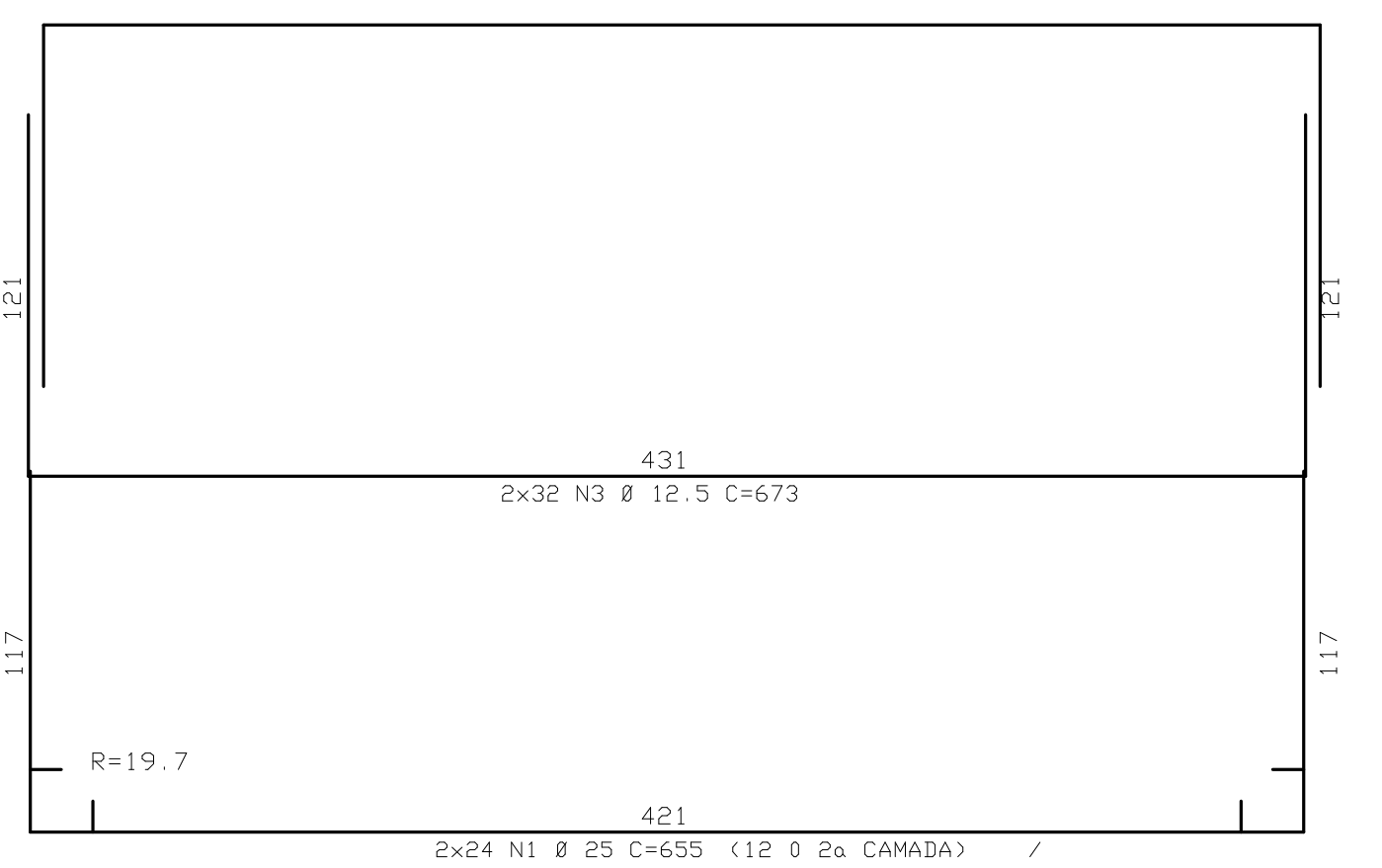
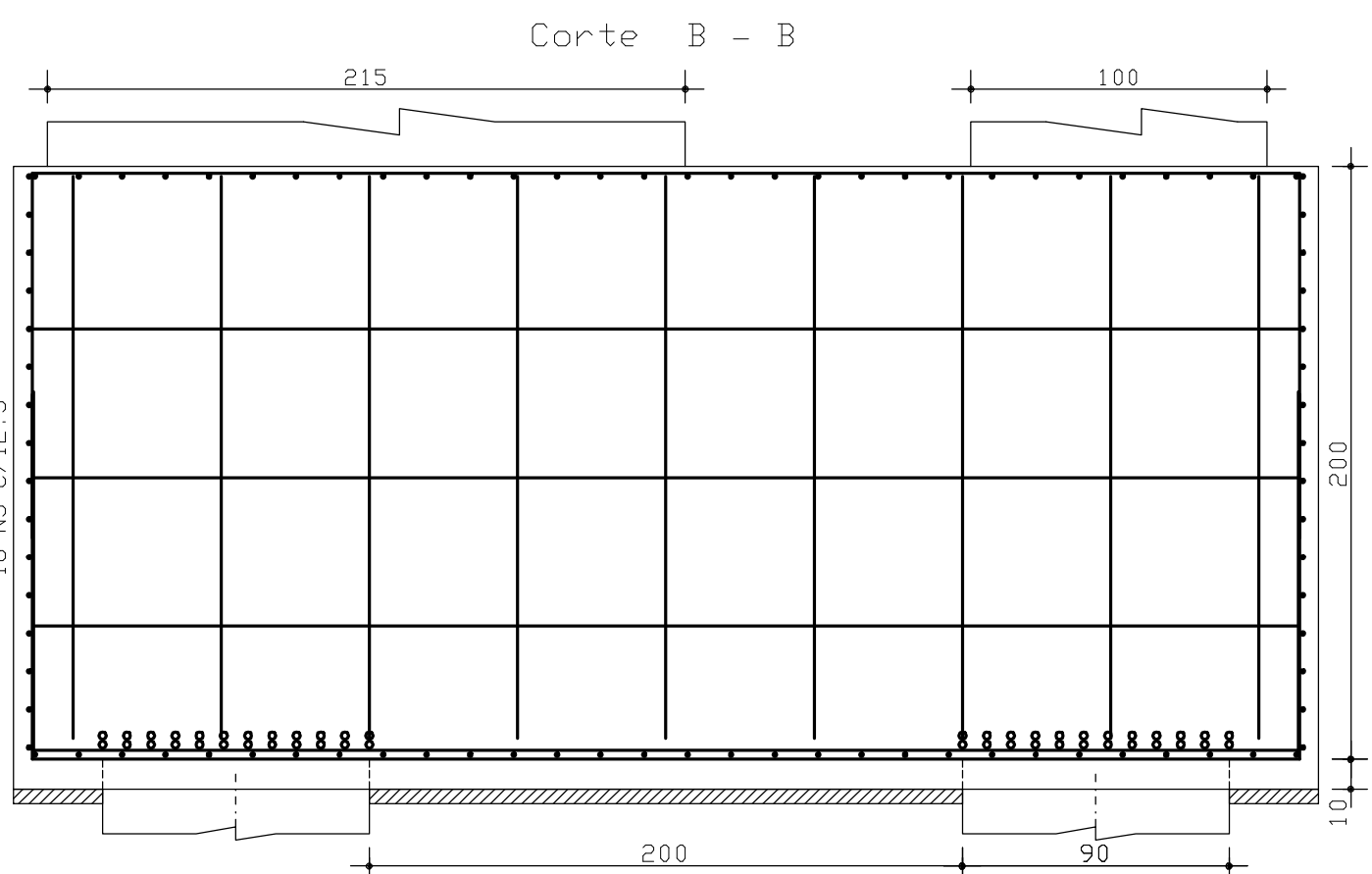
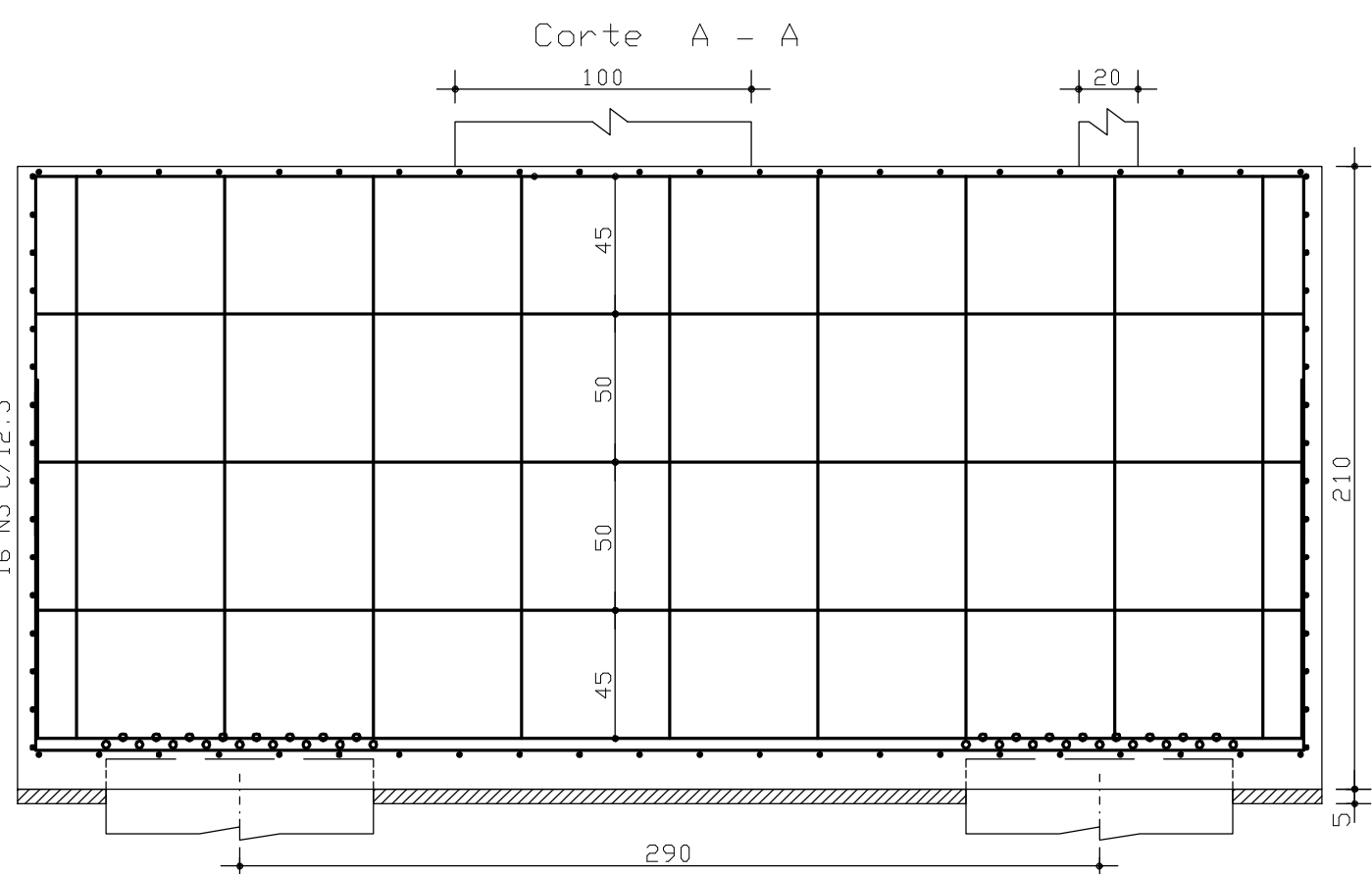
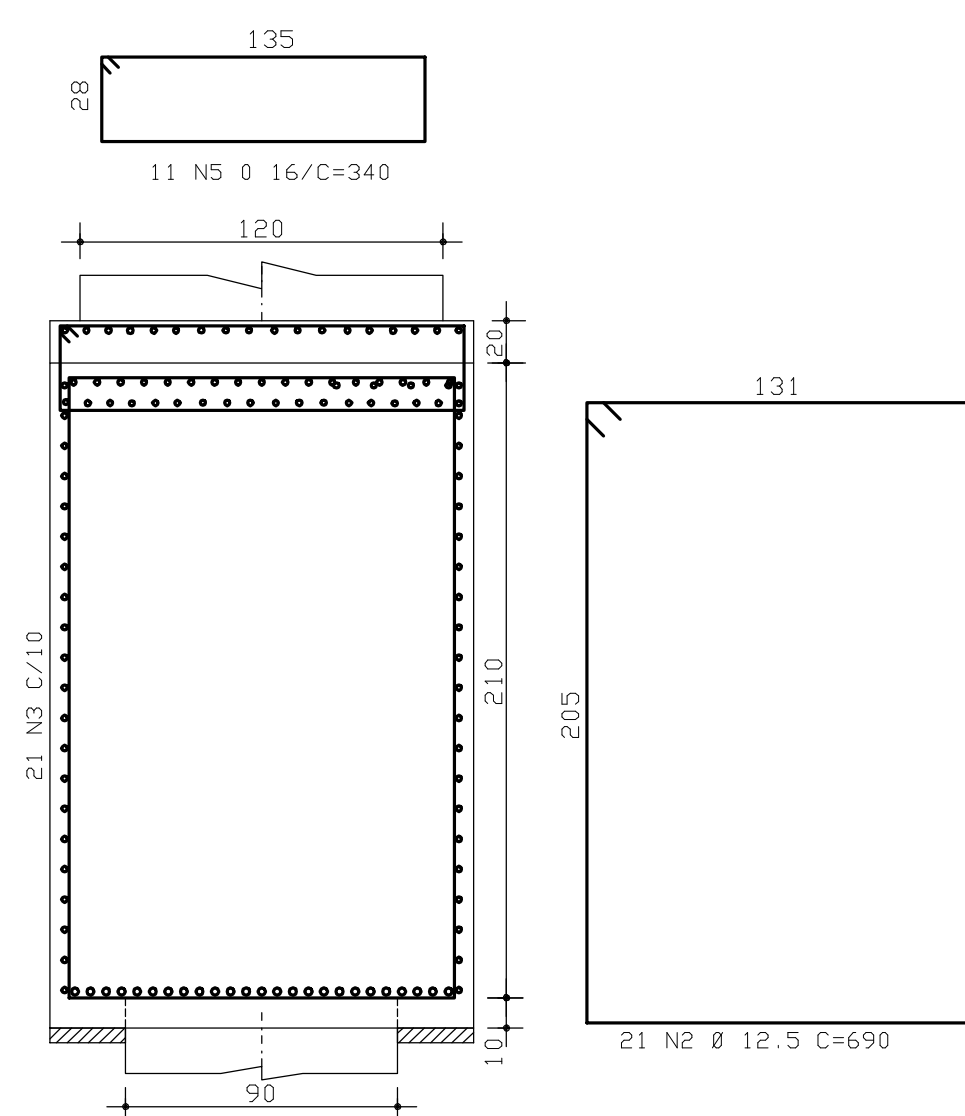
B112/115 440/480/200
(Esc 1:25)



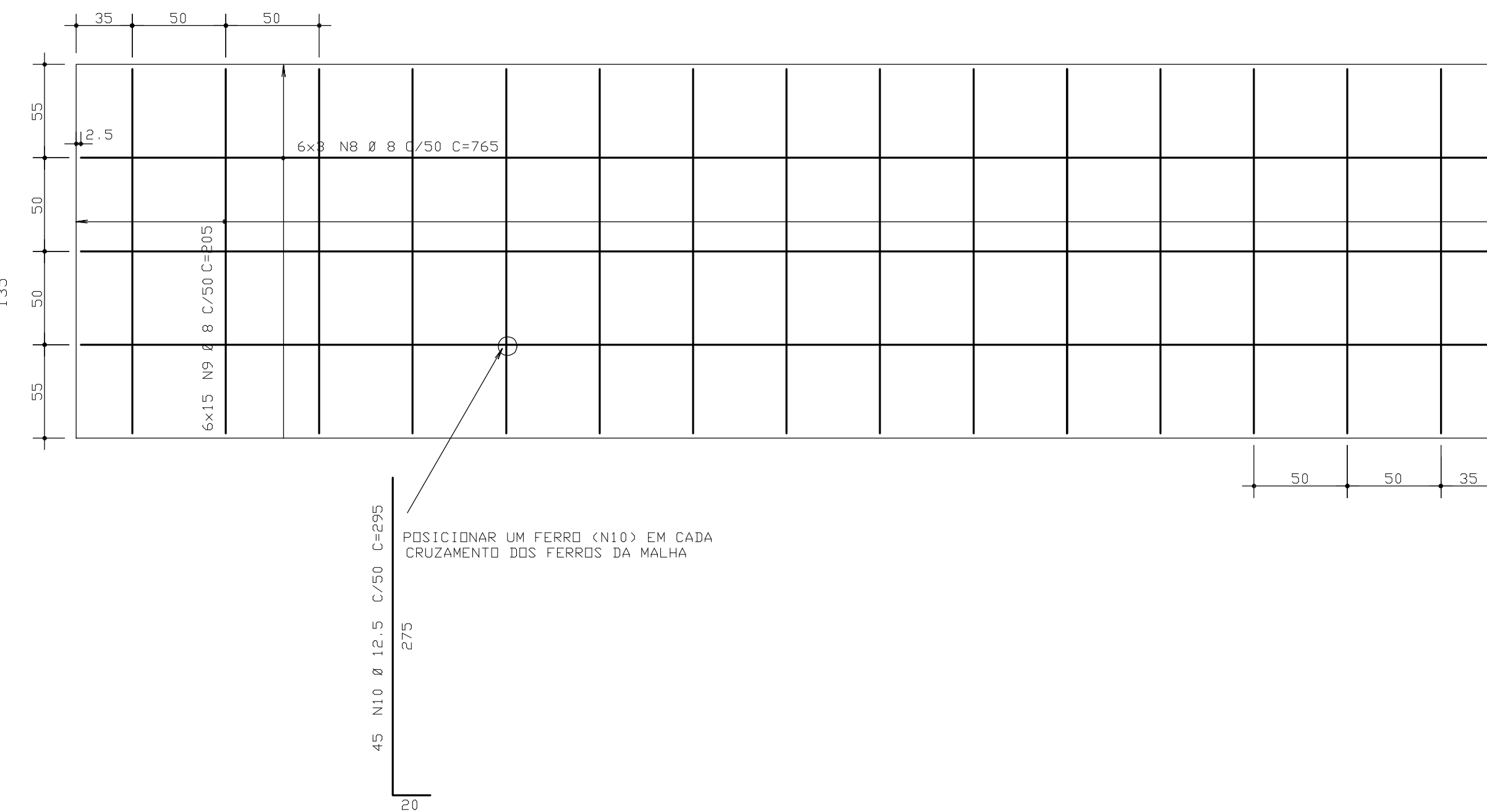
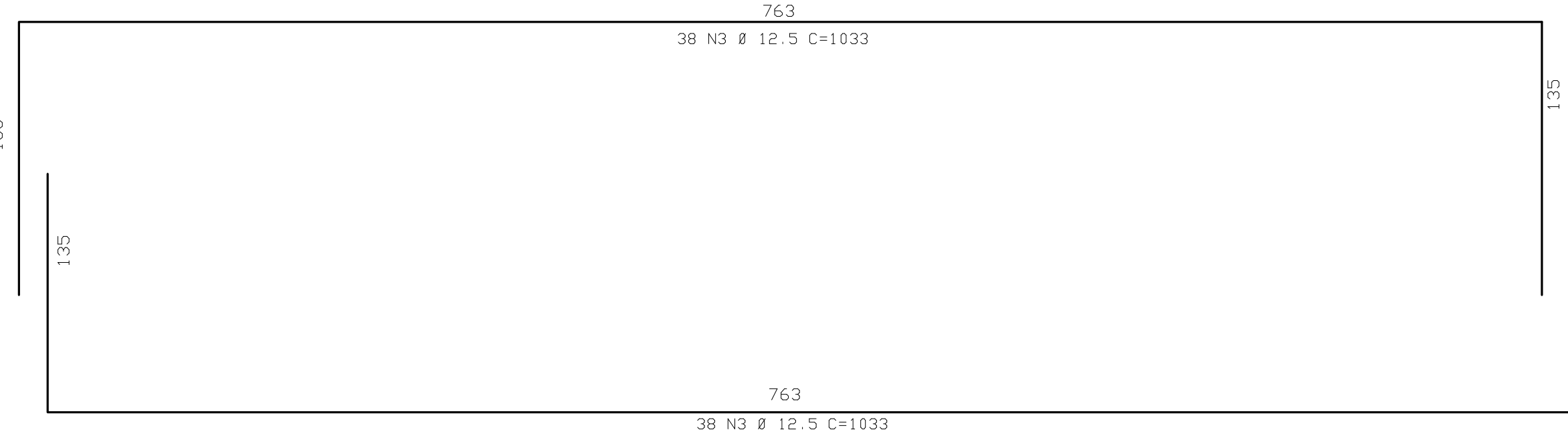
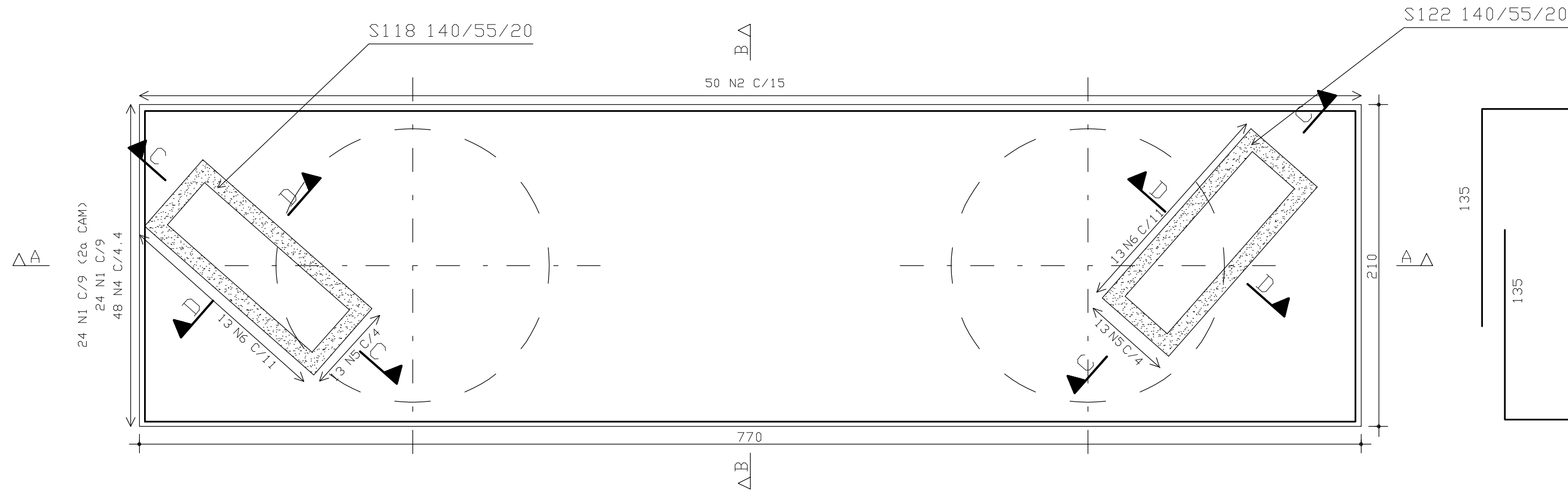
Corte A - A



Corte B - B

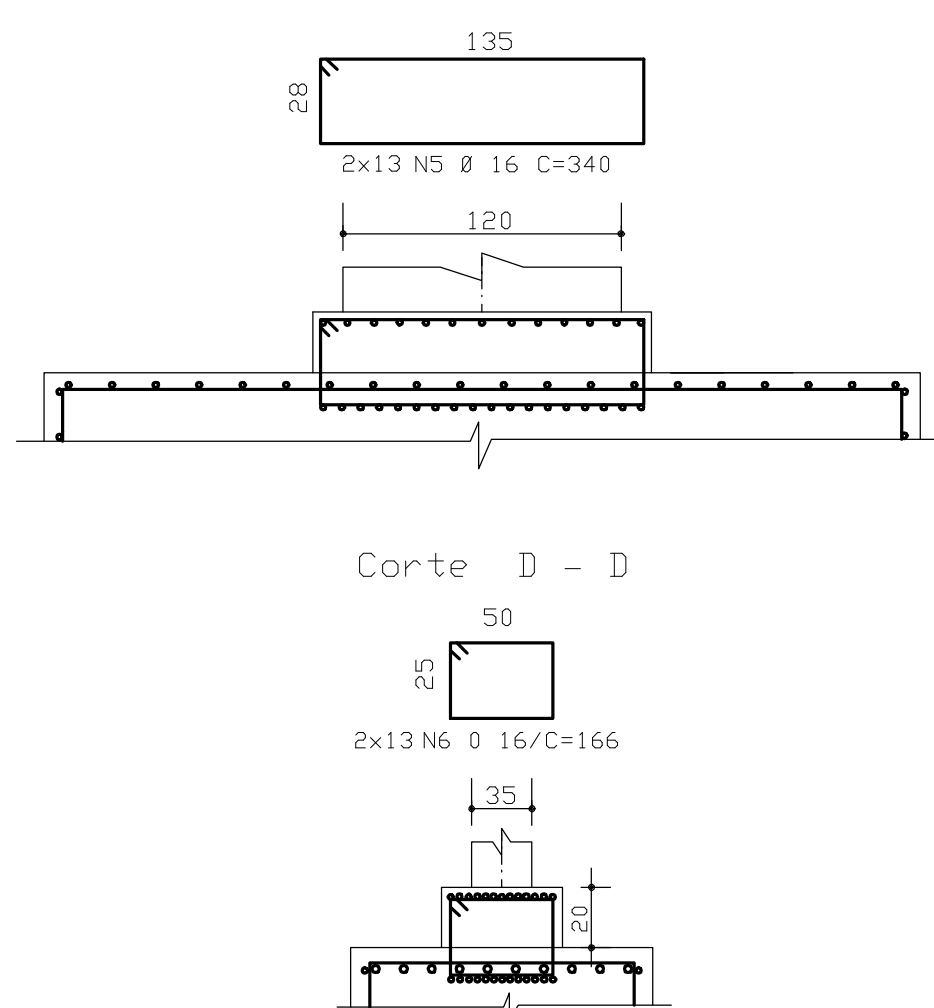


B118/122 210/770/280
(Esc 1:25)

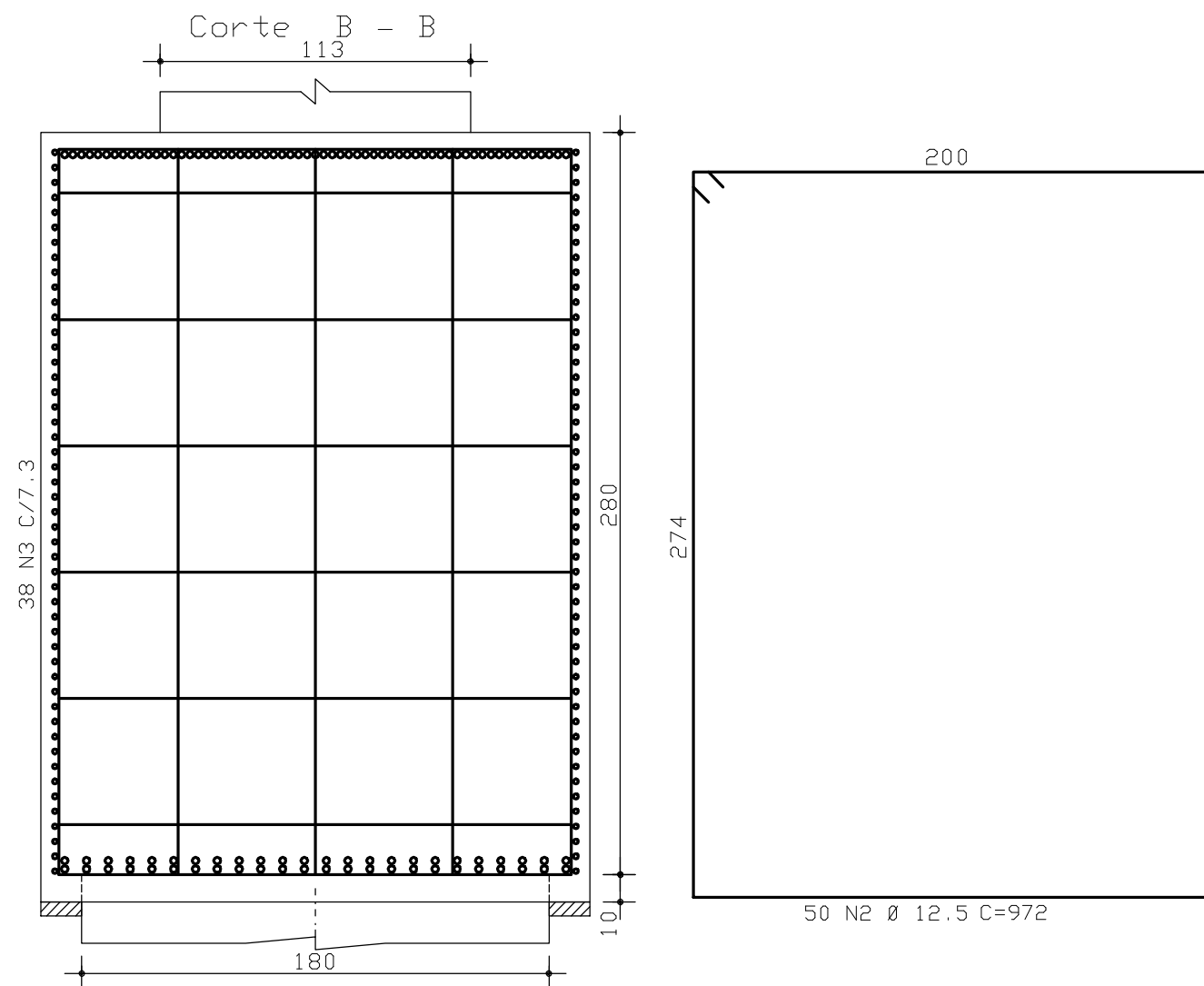
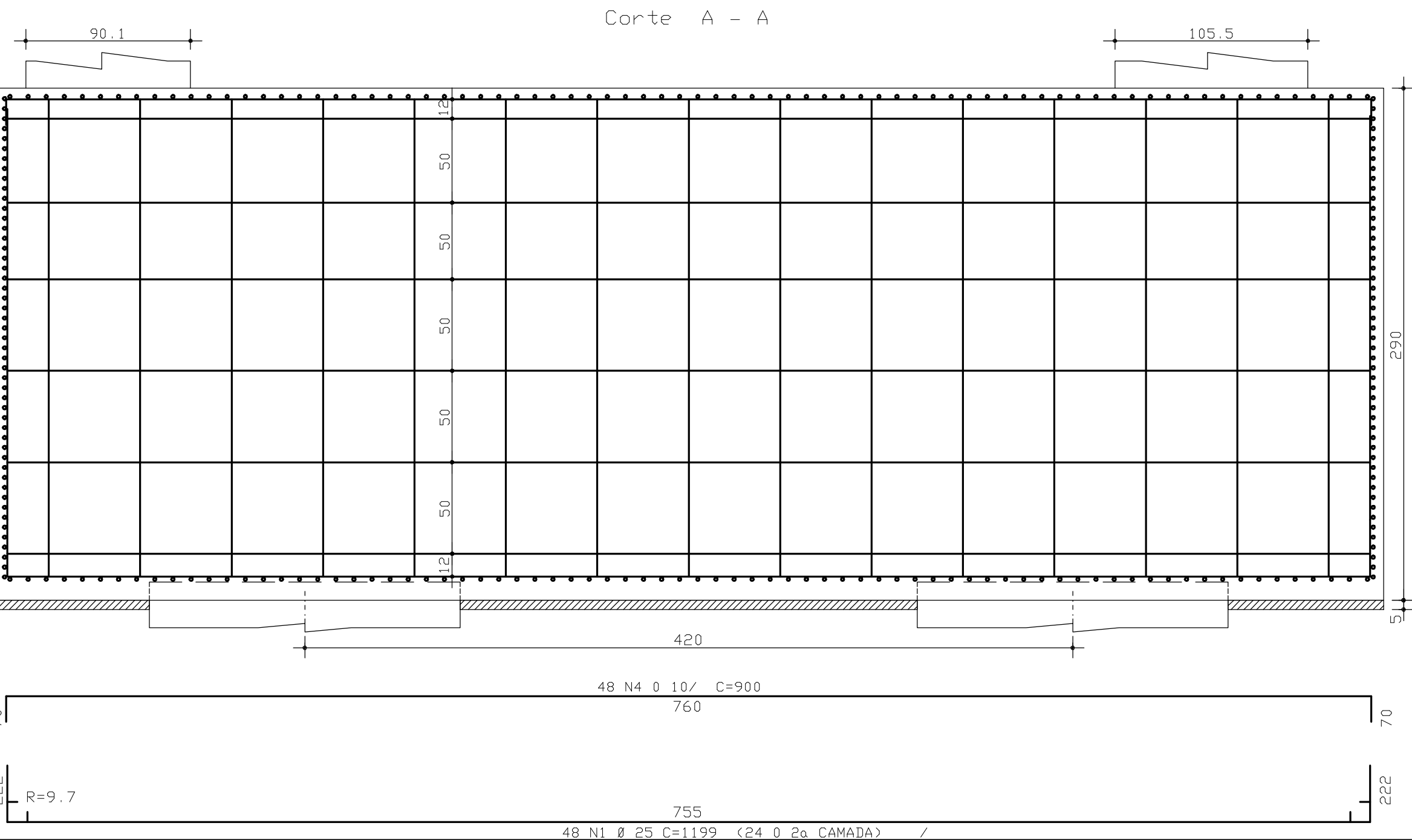
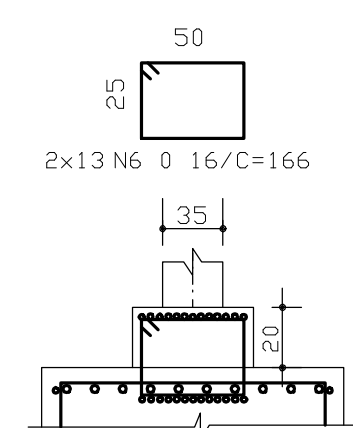


POSICIONAR UM FERRO (N10) EM CADA
CRUZAMENTO DOS FERROS DA MALHA

Corte C - C



Corte D - D



COBRIMENTO DA ARMADURA¹:

- LAJES = 2,0 cm
- VIGAS E PILARES = 2,5 cm
- BLOCOS, BALDRAMES E CONTENEDORES (FACE EM CONTATO COM A TERRA) = 3,0 cm

1. ESSES COBRIMENTOS DEVEM SER GARANTIDOS COM O USO DE ESPACADORES OU PASTILHAS.
COBRIMENTOS ESPECÍFICOS DE CONCRETO AIS VALORES INDICADOS ACIMA. ESTÃO INDICADOS NOS DESENHOS DE FORMAS DAS PAVIMENTOS.

NORMAS UTILIZADAS:
NBR-6118/2003 - PROJETO E EXECUCAO DE OBRAS DE CONCRETO ARMADO
NBR-6120/1980 - CARGAS PARA O CALCULO DE ESTRUTURAS DE EDIFICACOES

ACO	PIS	BIT (mm)	QUANT	COMPRIMENTO (cm)	UNIT (cm)	TOTAL (cm)
B112/115						
50A	1	25	48	655	31440	
50A	2	25	34	695	23630	
50A	3	12.5	64	673	43072	
50A	4	12.5	44	717	31548	
50A	5	12.5	32	998	31936	
50A	6	8	27	435	11745	
50A	7	8	27	435	11745	
50A	18	12.5	81	215	17415	
B118/122						
50A	1	25	48	1199	57552	
50A	2	12.5	58	970	48600	
50A	3	12.5	76	1033	78508	
50A	4	10	48	989	43200	
50A	5	16	26	340	8840	
50A	6	16	26	166	4316	
50A	8	8	18	765	13770	
50A	9	8	98	255	18450	
50A	10	12.5	45	295	13275	
B120						
50A	1	25	25	881	22025	
50A	5	12.5	21	690	14490	
50A	3	12.5	21	1114	23394	
50A	4	10	25	451	11275	
50A	3	16	11	340	3740	
50A	18	12.5	18	155	2420	

ACO	BIT (mm)	CDMPR (m)	PESO (kg)
50A	8	557	223
50A	10	545	243
50A	12.5	3047	3047
50A	16	169	270
50A	25	126	836
Peso Total			5189 kg

ÍNDICE:
B112/115,, B118/122, B120

FCK=35 MPa
EC = 28 GPa (MÓDULO DE ELASTICIDADE SECANTE AOS 28 DIAS).
A/C = 0,65 (FATOR AGUA/CEMENTO)

J	24/06/2009	ALTERACAO DOS BLOCOS B112/115, B118/122			
0	13/03/2009	EMISSAO INICIAL			
REV.	DATA		REVISAO		
 Simetria Engenharia SUA SOLUÇÃO, NÓS SEUS SONHOS. BRASILIA-DF - CEP: 71200-040 FONE: (61) 3331-9000 www.simetriaengenharia.com.br					
PROJETO ESTRUTURAL					
CLIENTE:	JEQUITIBA INCORPORADORA IMOBILIARIA LTDA				
OBRA	ED. JEQUITIBA				No OBRA: XXX
ENDREÇO OBRA:	RUA 36 SUL, LOTE 17 - AGUAS CLARAS				
DESCRIÇÃO:	ARMACAO DOS BLOCOS DE FUNDACAO JUNTA A - 3/4				DESENHO No: 46-88
DESENHISTA:	122/PARA	DATA:	12/03/2009	ESCALA:	1:25
UNIDADE:	CM	No PROJ:	SIMETRIA 418		
ARQUIVO PLT:	46-88-331-46-88-R01-PLT				
PROPRIETARIO:	RESPONSÁVEL TÉCNICO				
RESPONSÁVEL TÉCNICO PELO PROJETO ESTRUTURAL					
SIMETRIA ENGENHARIA E PROJETOS S/C LTDA CRIA: 07/09/07					

