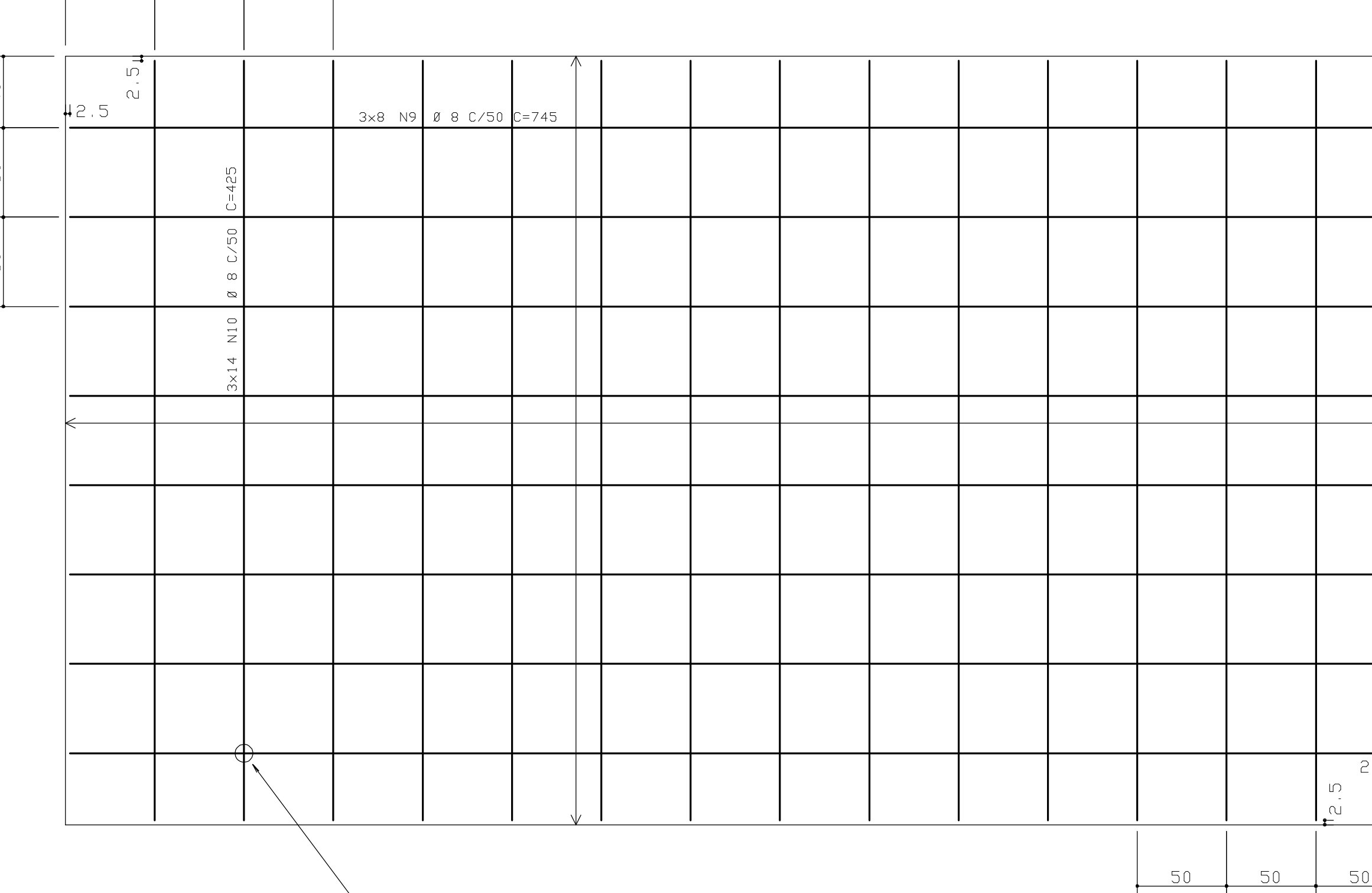
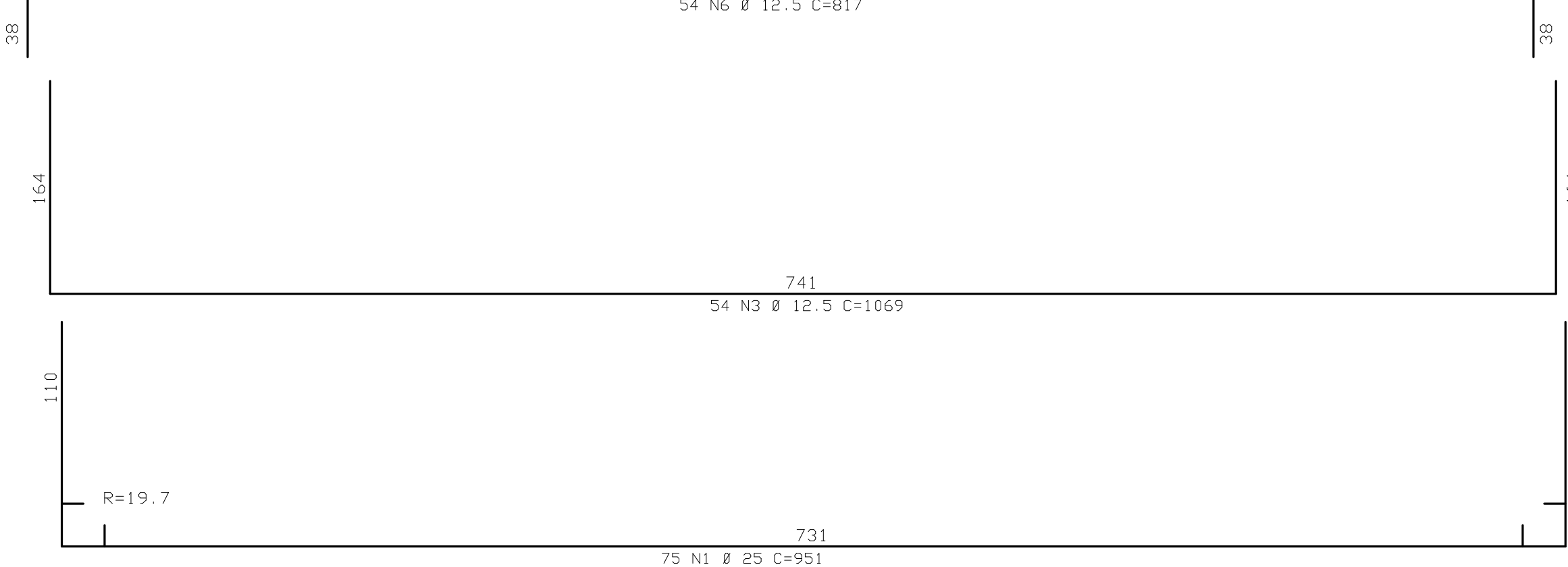
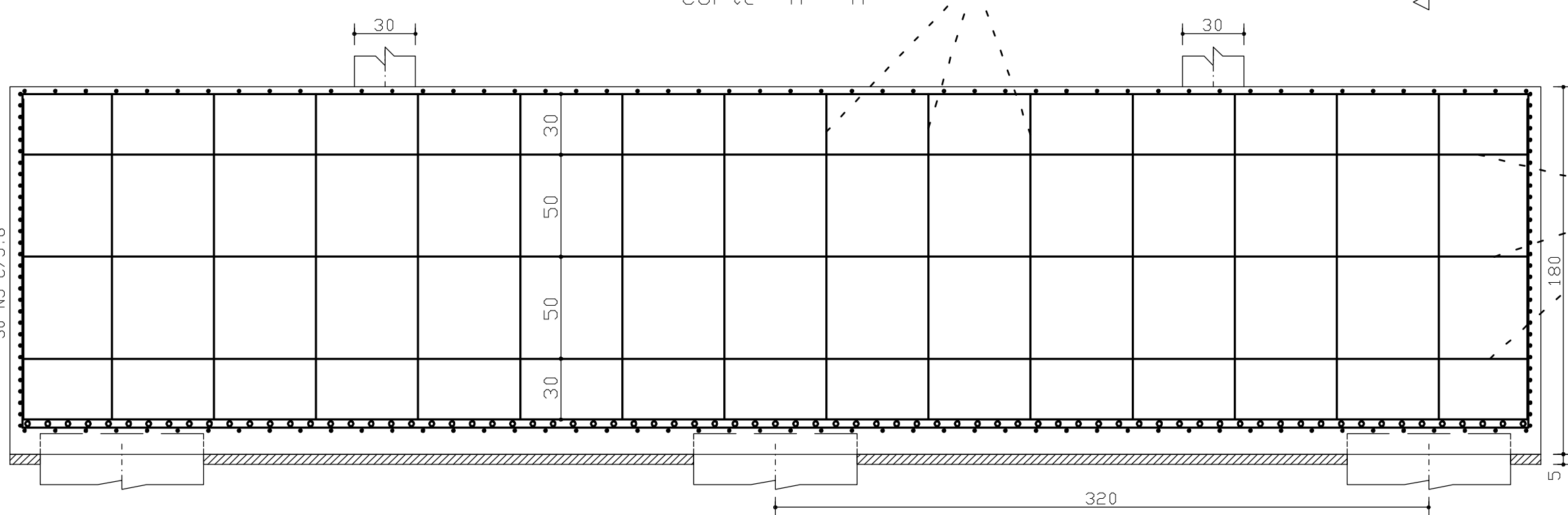
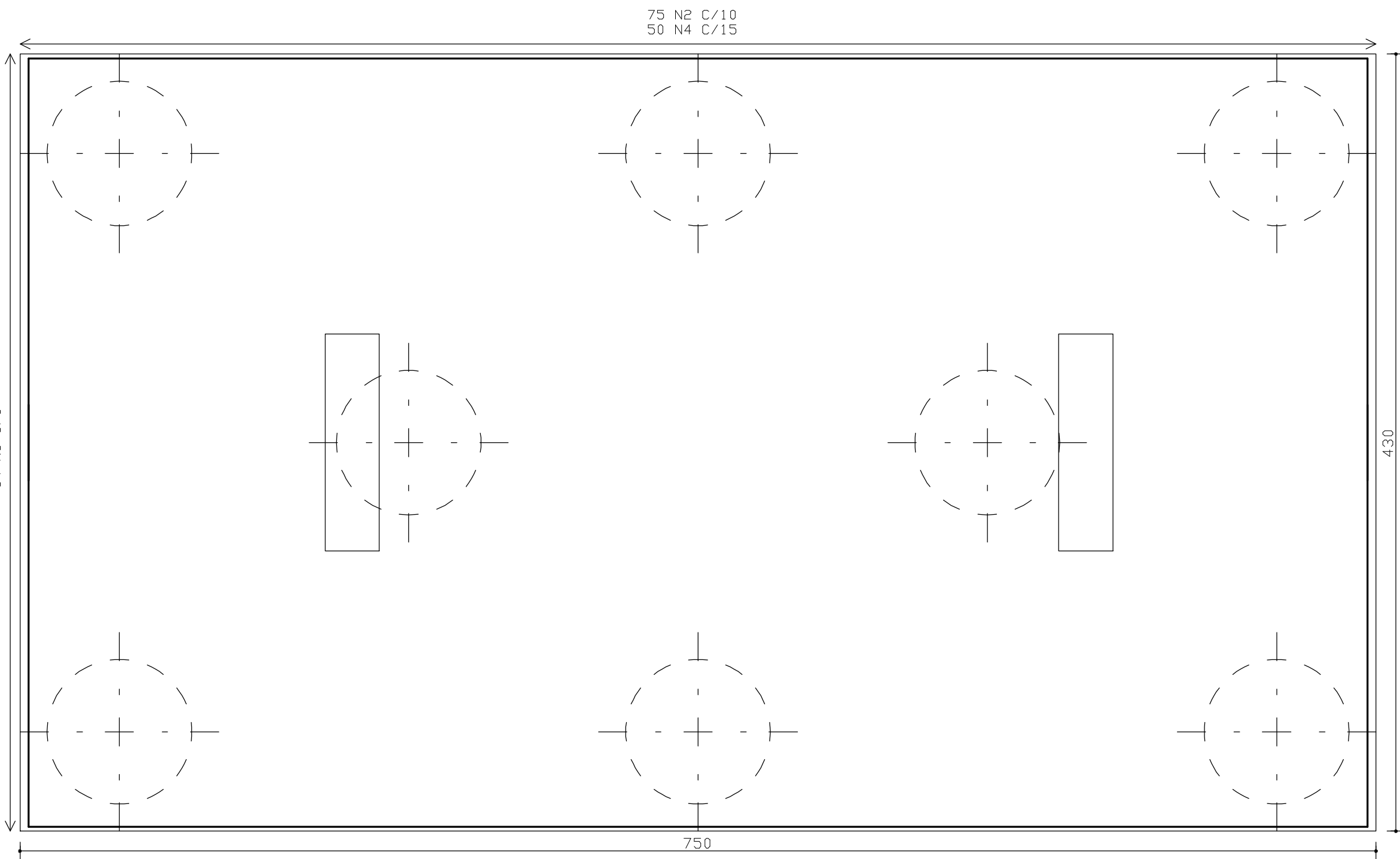
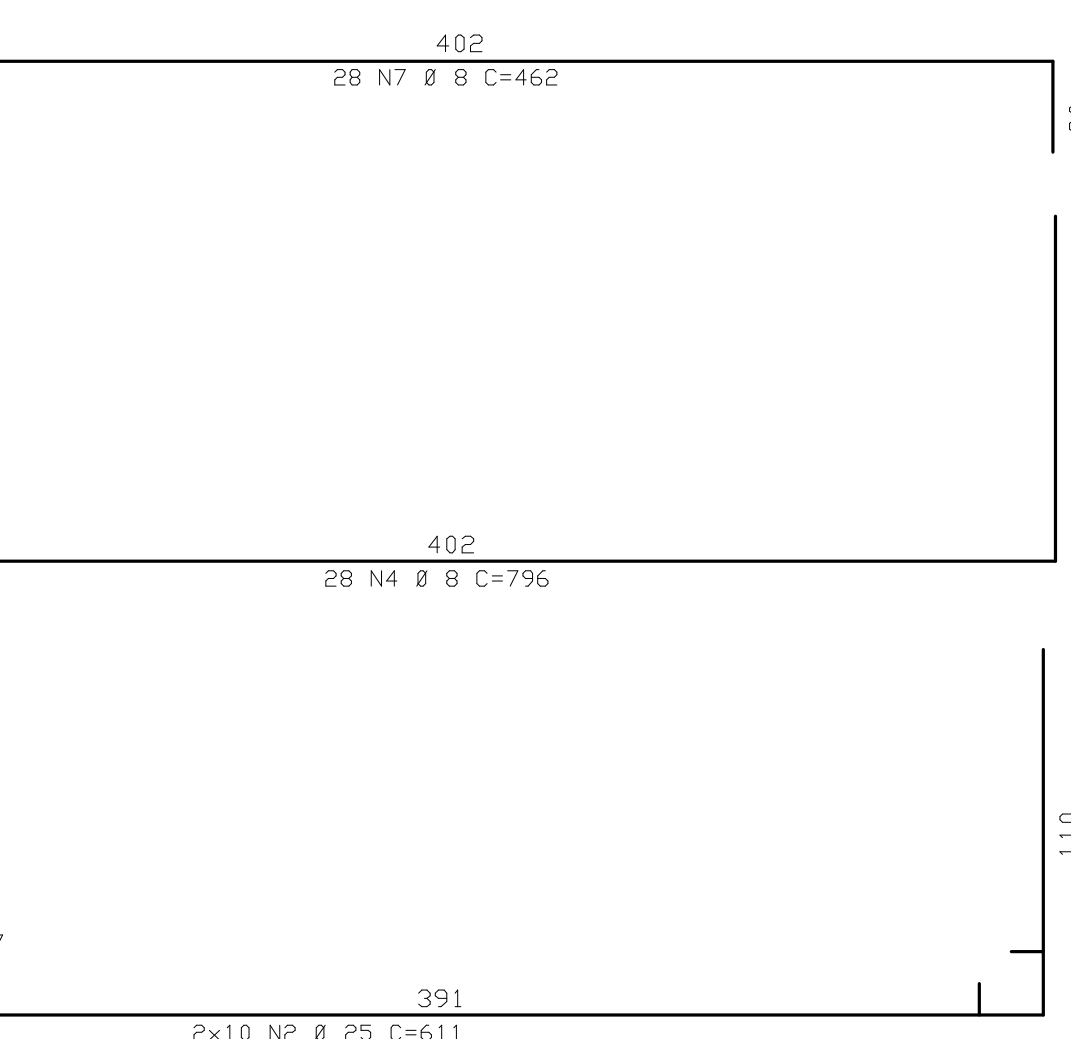
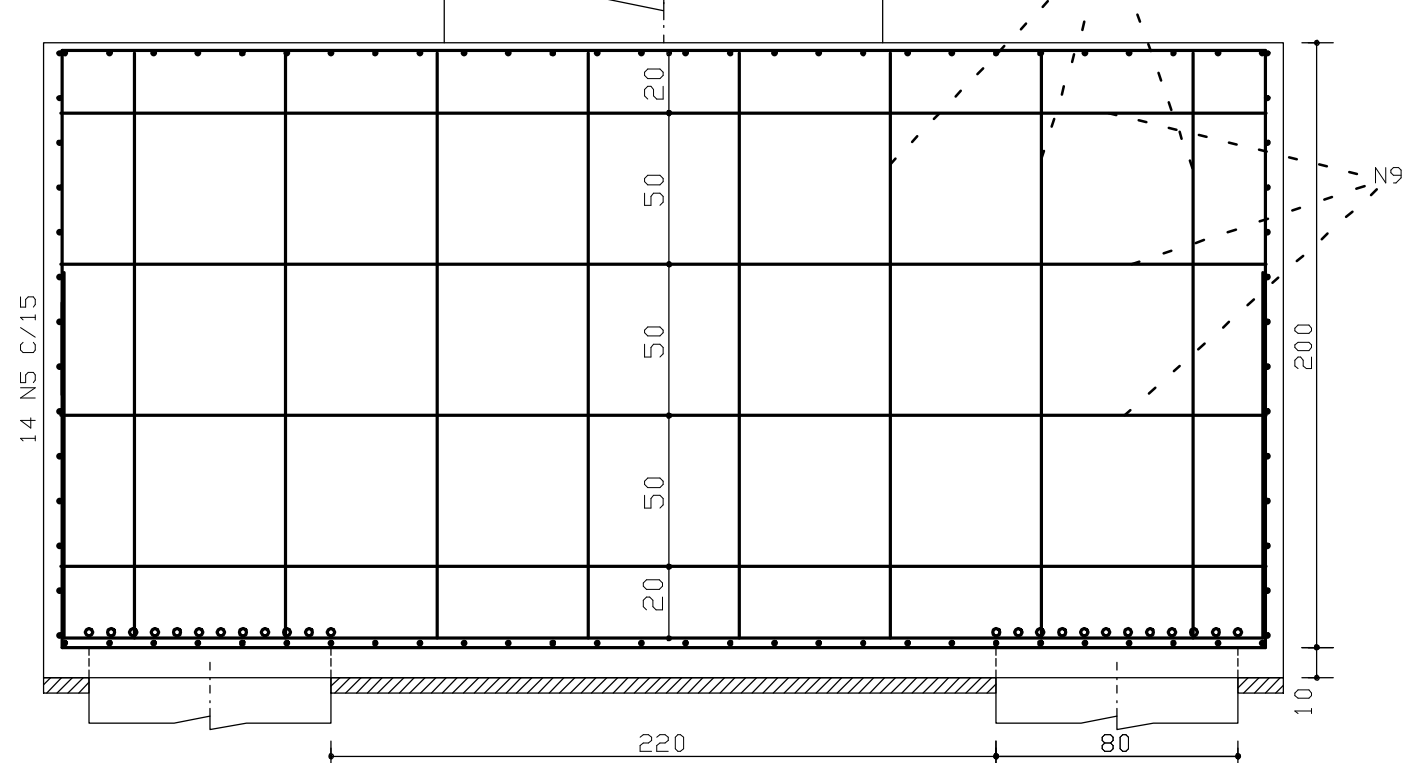
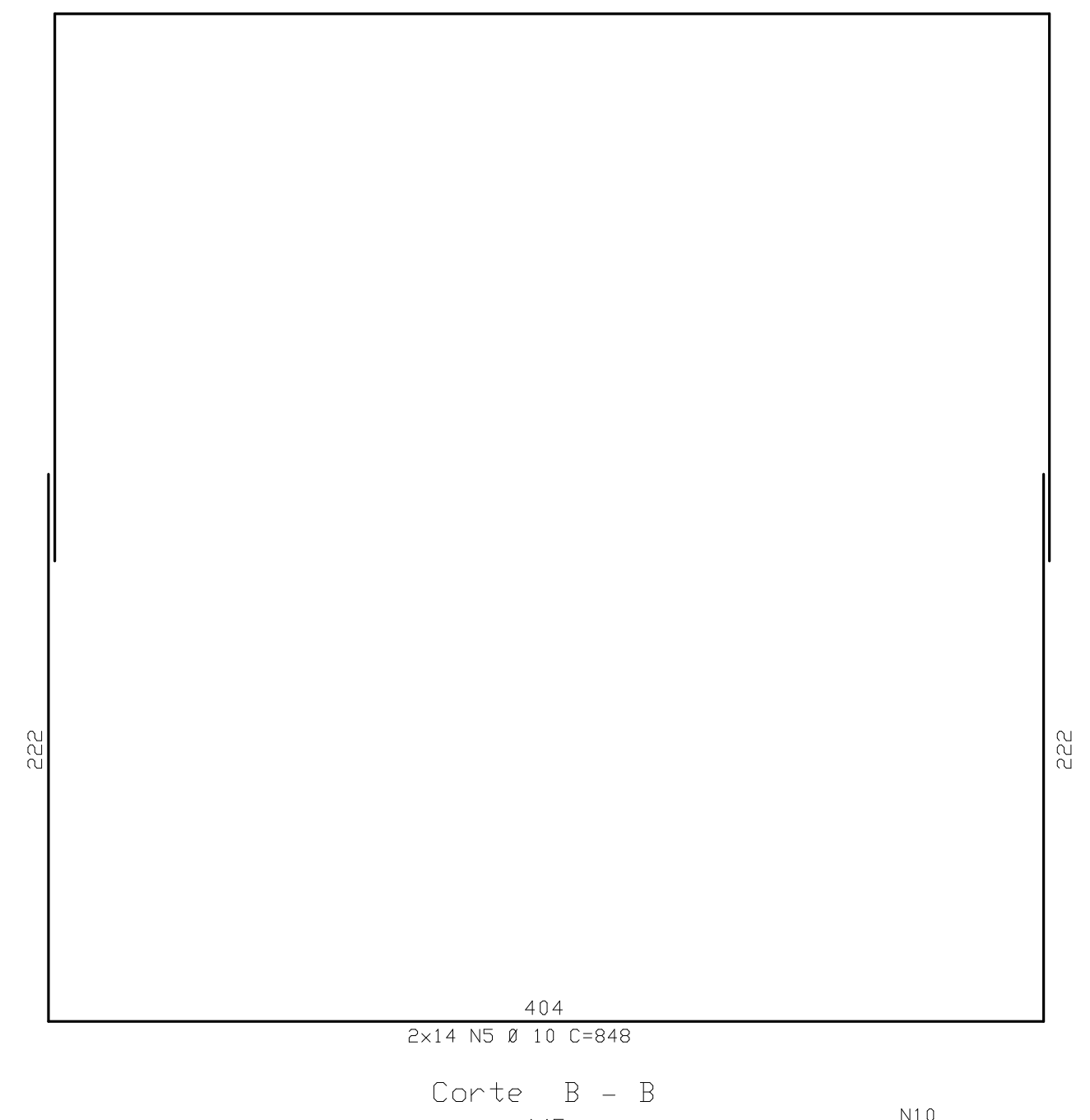
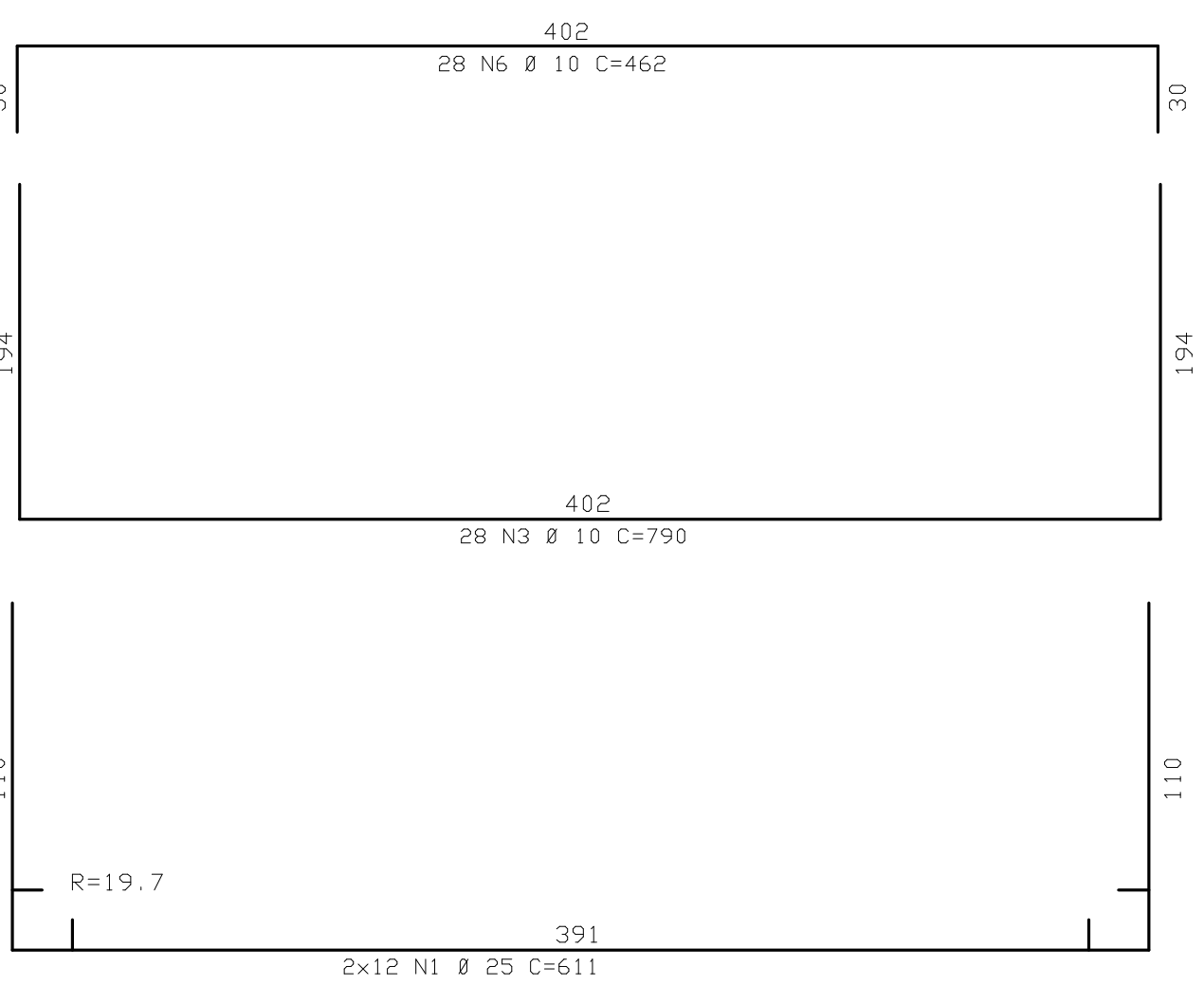
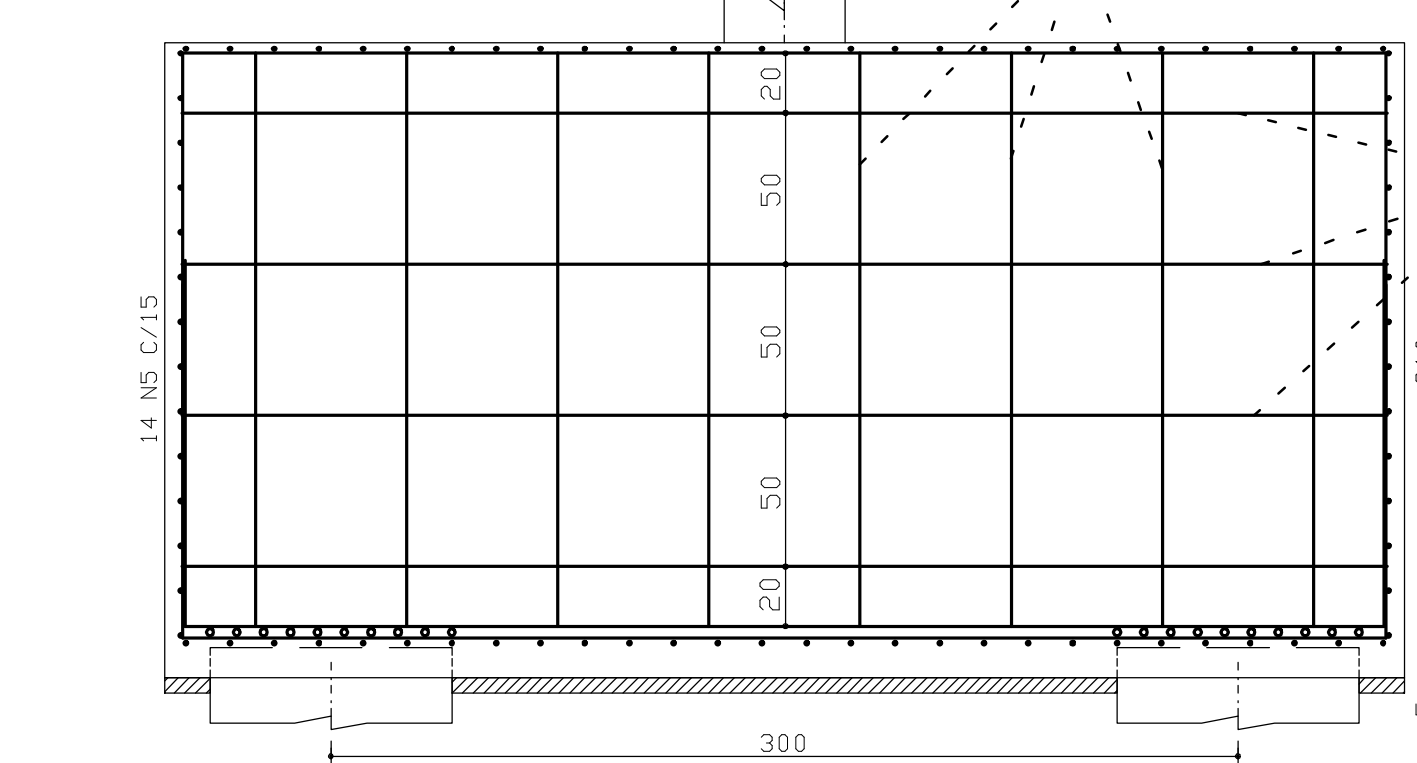
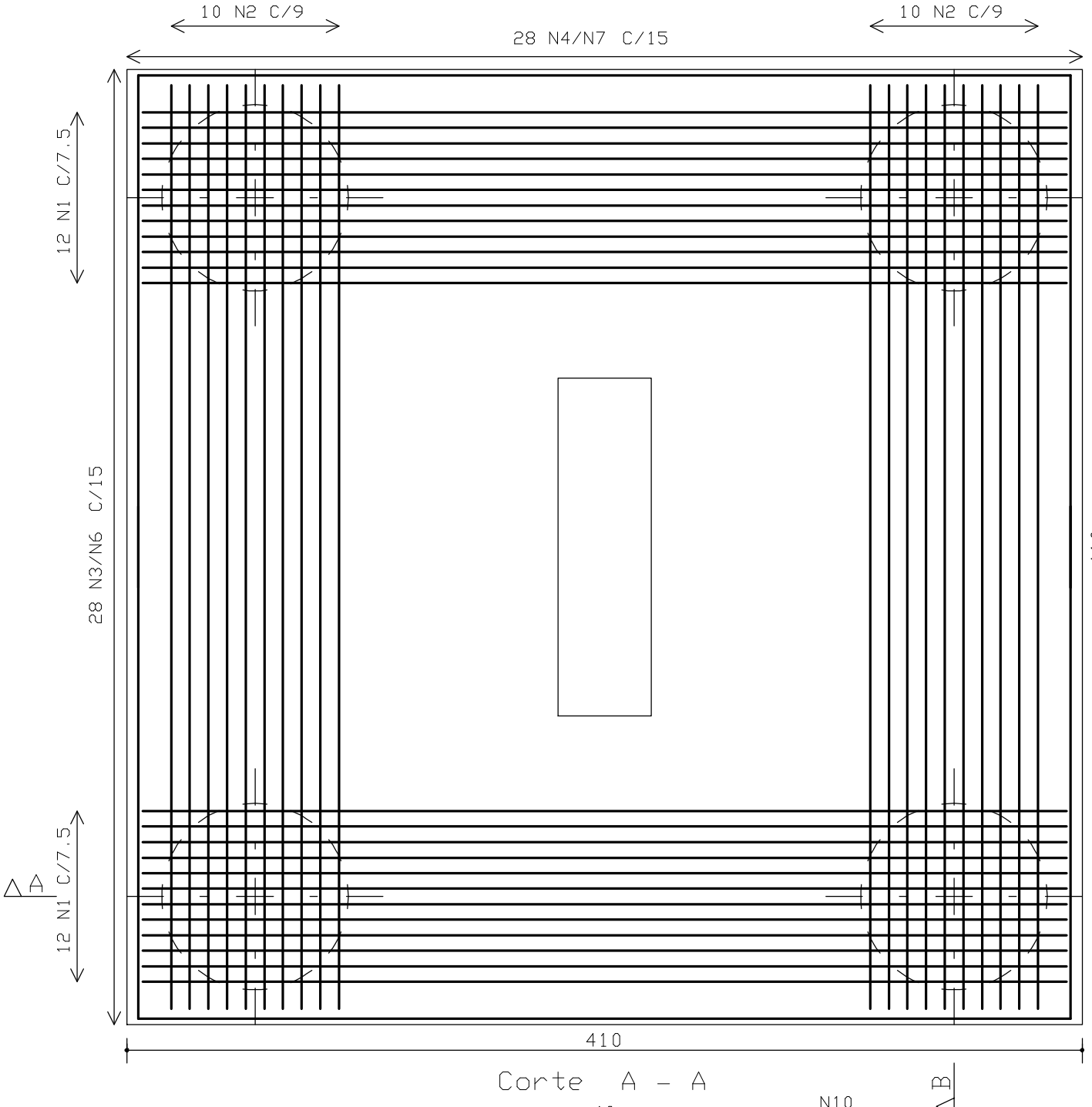
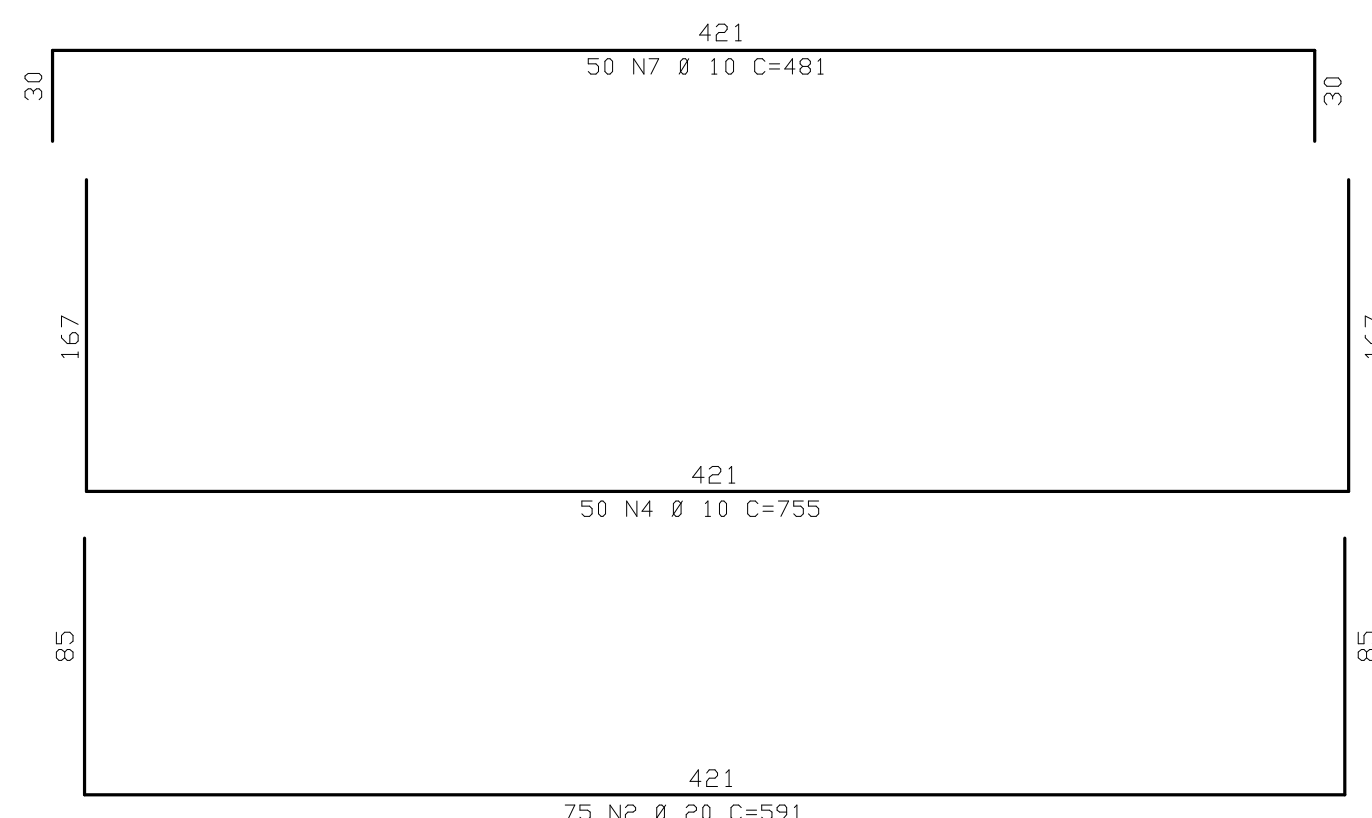
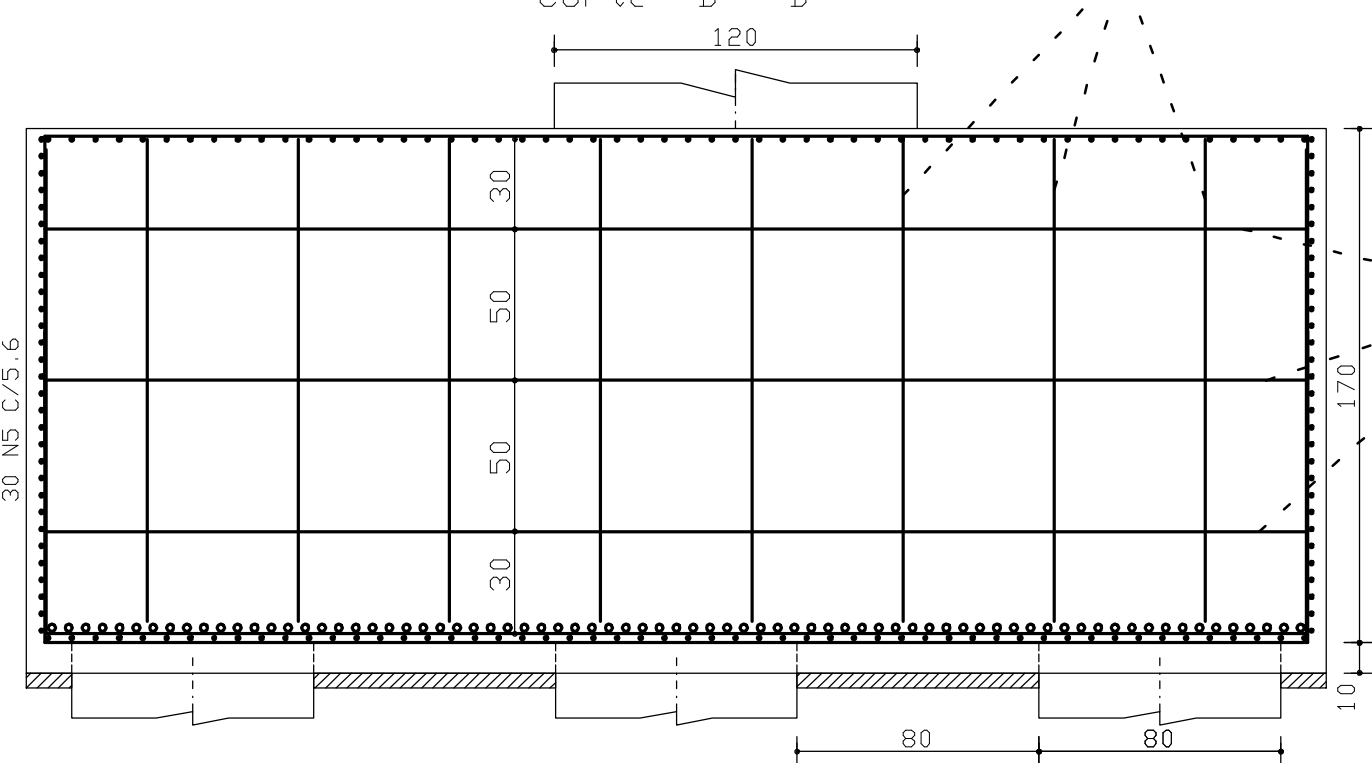
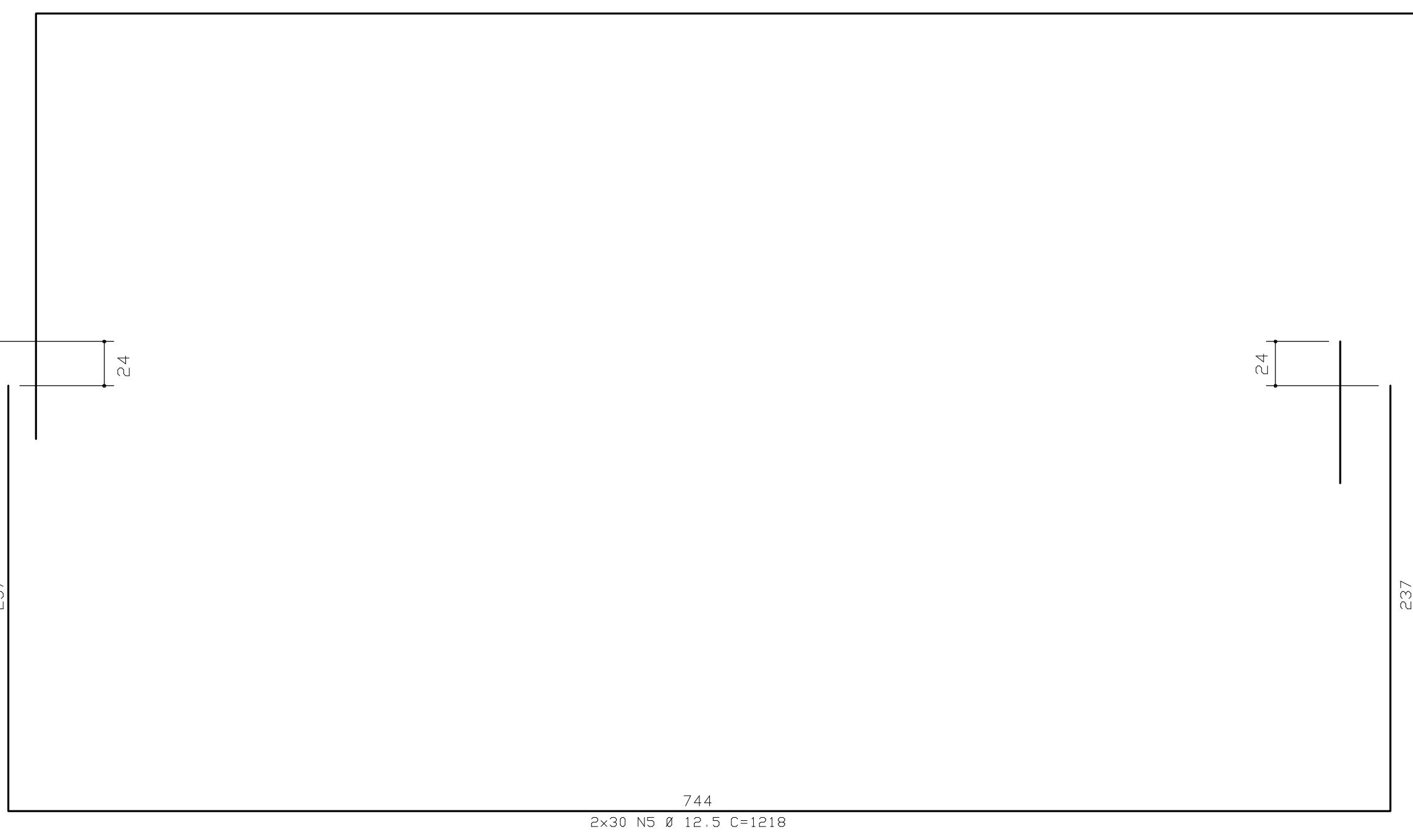
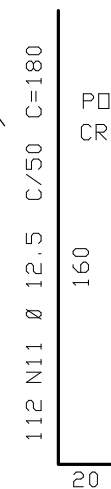




C=180

POSICIONAR UM FERRO (N1) EM CADA
CRUZAMENTO DOS FERROS DA MALHA



	ACD	PUS	BIT	QUANT	COMPR		TOTAL
					UNIT	(Cm)	
8206/209							
	SSA	1	25	75	951		71285
	SSA	2	25	75	951		43275
	SSA	3	12.5	54	1069		57726
	SSA	4	10	15	505		37759
	SSA	5	12.5	12	1218		73088
	SSA	6	10.5	54	817		44119
	SSA	7	10	40	1001		24056
	SSA	8	12.5	60	76		4658
	SSA	9	8	24	745		17880
	SSA	10	12.5	420	420		17950
	SSA	11	12.5	12	186		20160
8215							
	SSA	1	25	24	611		14664
	SSA	2	25	20	611		12220
	SSA	3	10	12	1212		26127
	SSA	4	8	28	796		22998
	SSA	5	10	849	849		27476
	SSA	6	10	10	28		462
	SSA	7	8	28	462		12936
	SSA	8	8	505	505		16164
	SSA	9	6	36	323		23520
	SSA	10	12.5	5	18		210

RESUMO ACO CA 50-60			
ACO	BIT (mm)	COMPR (m)	PESO (kg)
50A	8	1106	443
50A	10	1206	760
50A	12,5	2131	2131
50A	20	443	1108
50A	25	982	3928
Peso Total		50A =	8370 kg

COBRIMENTO DA ARMADURA:

- 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 COBERTIMENTOS DEVERÃO SER GARANTIDOS COM O USO DE ESPACADORES OU PASTILHAS.

1. ESSES COBRIMENTOS DEVERÃO SER GARANTIDOS COM O USO DE ESPACADORES OU PASTILHAS, COBRIMENTOS ESPECÍFICOS EM CONTRÁRIO AOS VALORES INDICADOS ACIMA, ESTÃO INDICADOS NOS DESENHOS FORMAS DOS 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

INDICE:
B203/203A, B204/204A, B205, B208, B209,
B211 A0 B215

$$F_{CK} = 35 \text{ MPa}$$

EC = 28 GPa (Módulo de Elasticidade Secante aos 28 dias).

$$A/C = 0,65 \quad (\text{FATOR AGUA CIMENTO})$$

0		03/03/2009		EMISSAO INICIAL	
REV		DATA		VERSICAO	
 Sinistrea Engenharia 115 RUA DE S. JOSE DO S. 013 BRUNO L. S. 57 - TEL: 7120-045 FAX: 7120-045 e-mail: sinistrea@sinistrea.com.br					
PROJETO ESTRUTURAL					
CLIENTE: DISCED INDEMPRORADORA E IMOBILIARIA				NO ORCA: XXXX	
OBRA: BLDCC ESTRUTURAL CLYMPHOE				NO PROJ: XXXX	
ENDEREÇO: AV. ARACATU DES. JOAQUIM G. DE OLIVEIRA 11				CEP: XXXX-XXX-XX	
LOCAL: ARACATU DOS BLOCOS DE FUNDACOES TORRE A - JUNTA B (04/05)				SISTEMA NO: 165-XXX-XXX	
DESENHISTA: DES. INACIO	DATA: 03/03/2009	ESCALA: 1:25	UNIDADE: CM	NO PROJ: XXXX	
ARQUIVO PLT: 421-EST-165-XXX-R00_PLT		AUTOR: DES. INACIO			
PROJETO EM:		RESPONSABIL. TECNICA:			
RESPONSAVEL TECNICO PELO PROJETO ESTRUTURAL					
SINISTREA ENGENHARIA E PROJETOS LTDA ORCA 0755-06					

