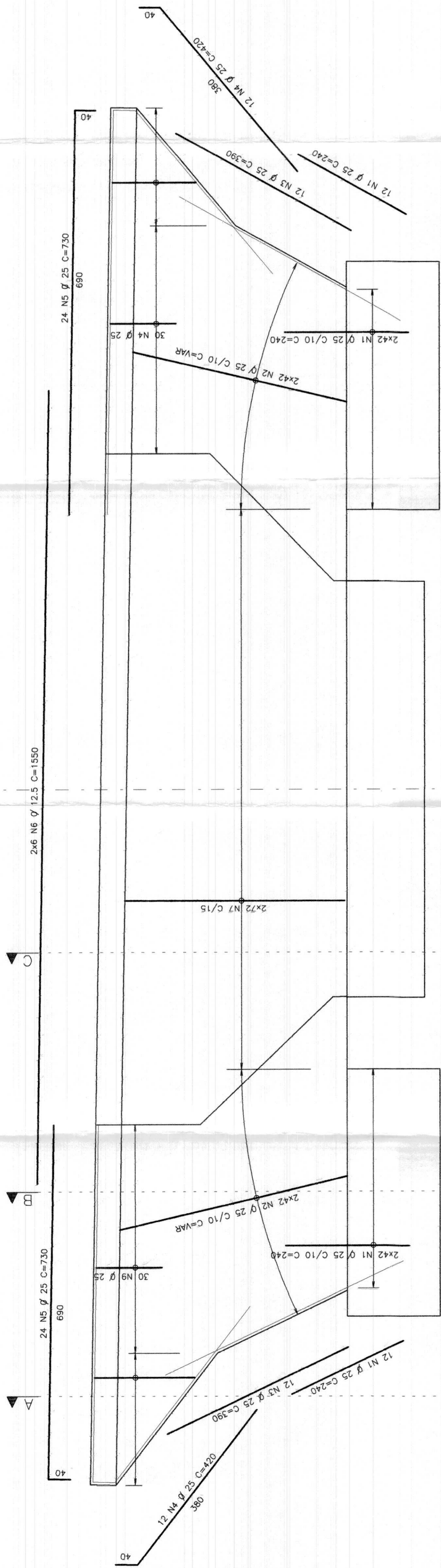
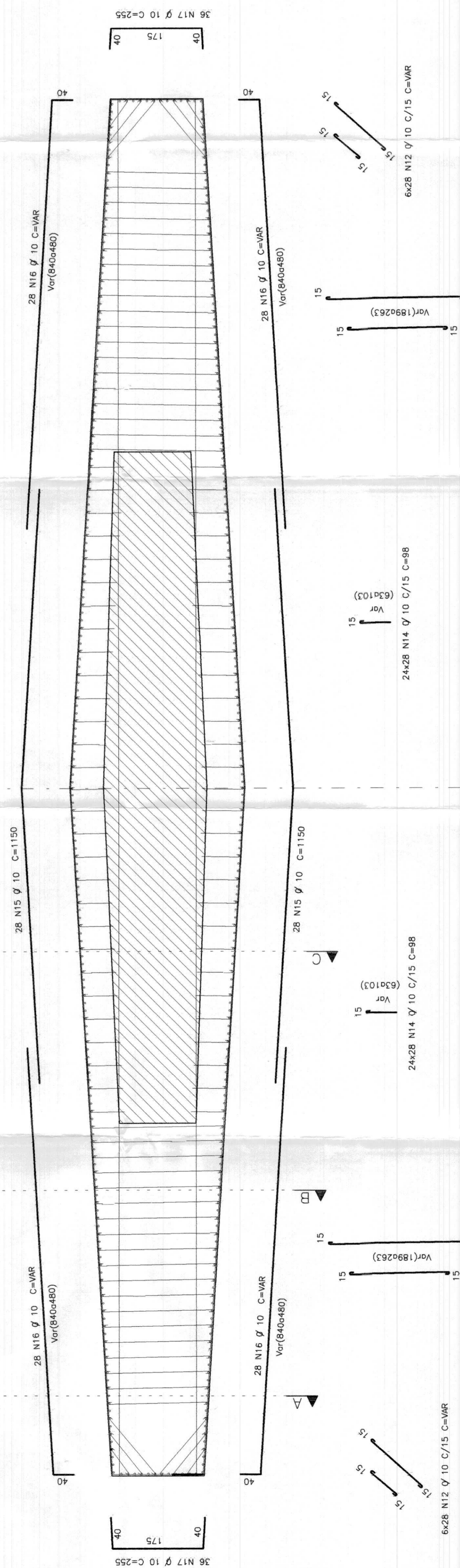


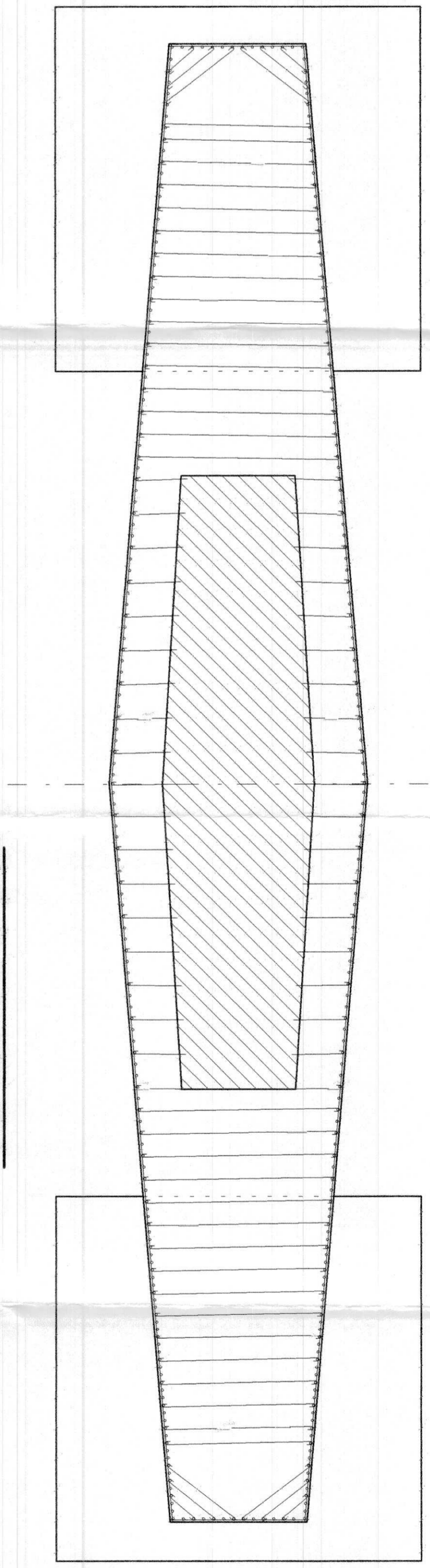
**PILAR REFORCADO**



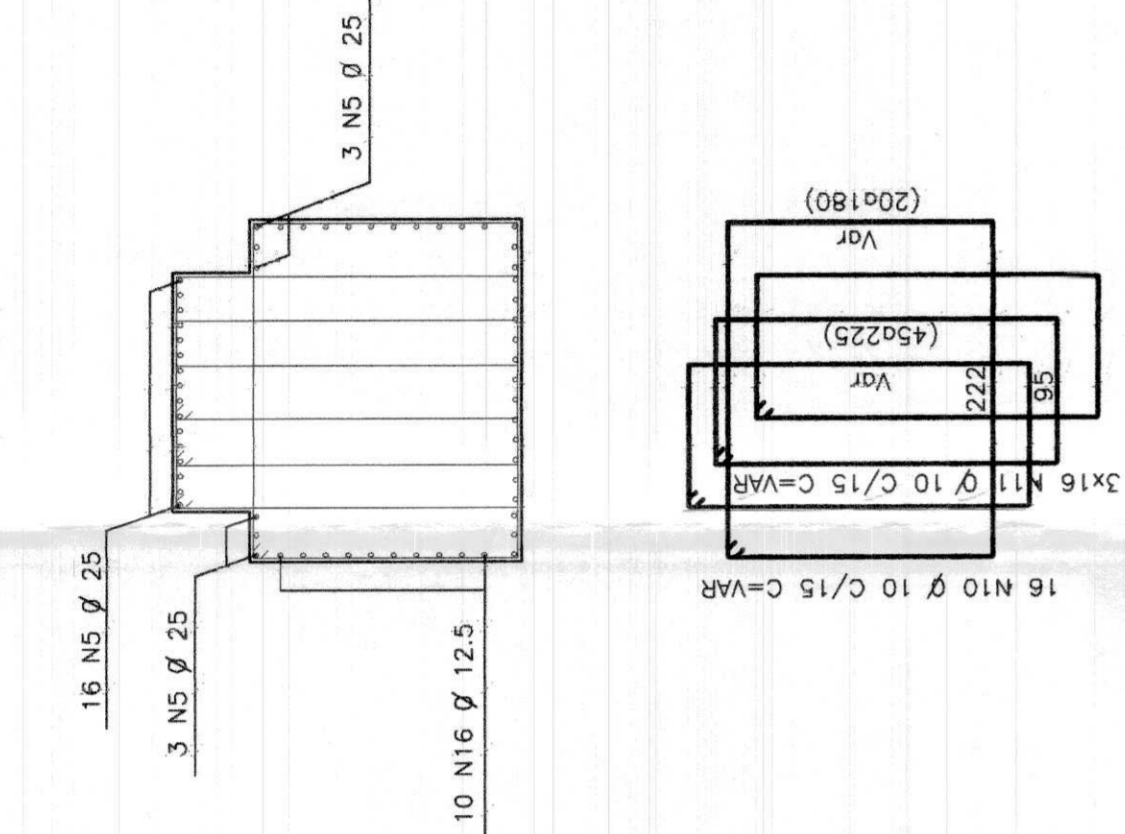
**SECAO SUPERIOR**



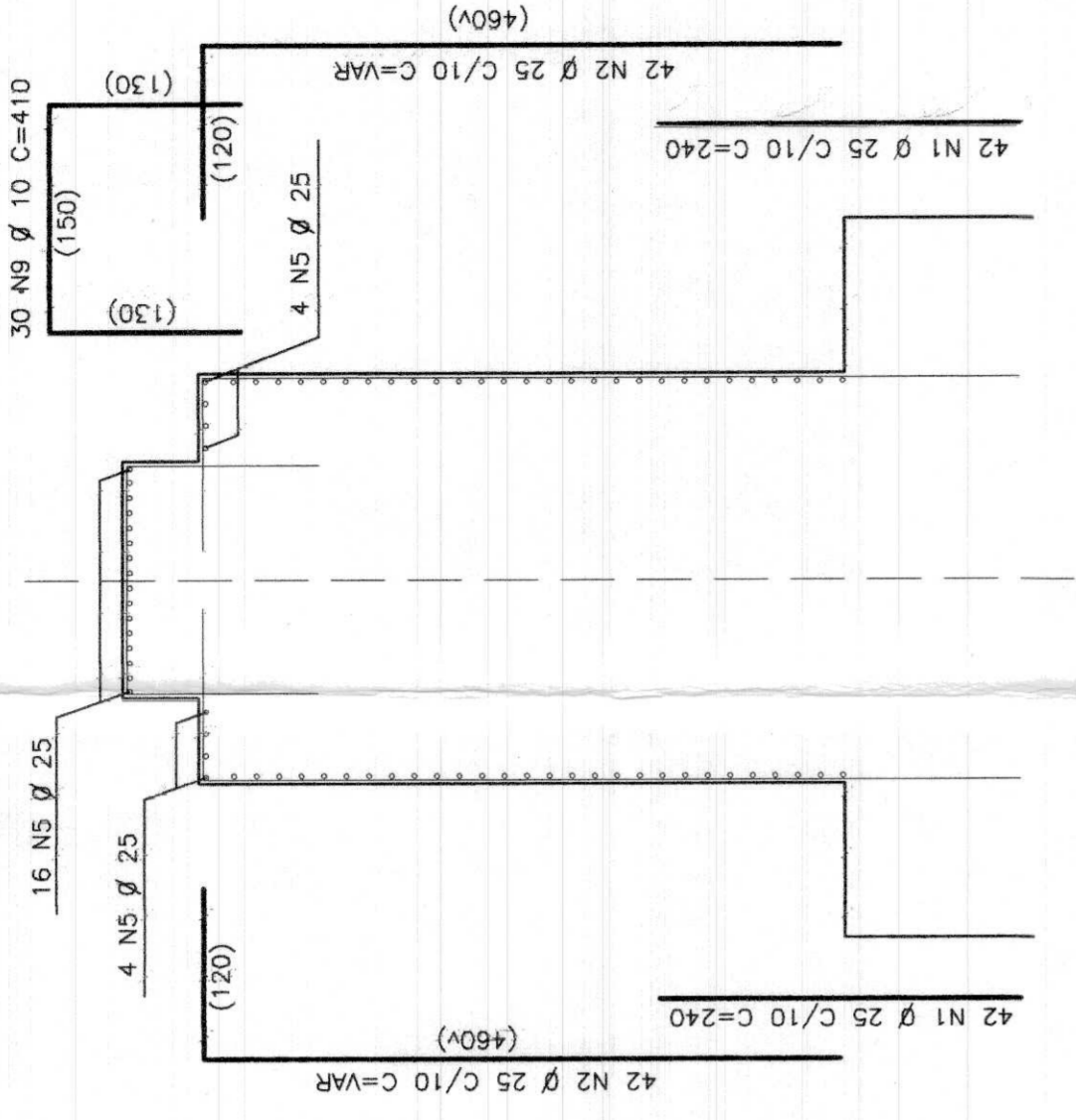
**SECAO INFERIOR**



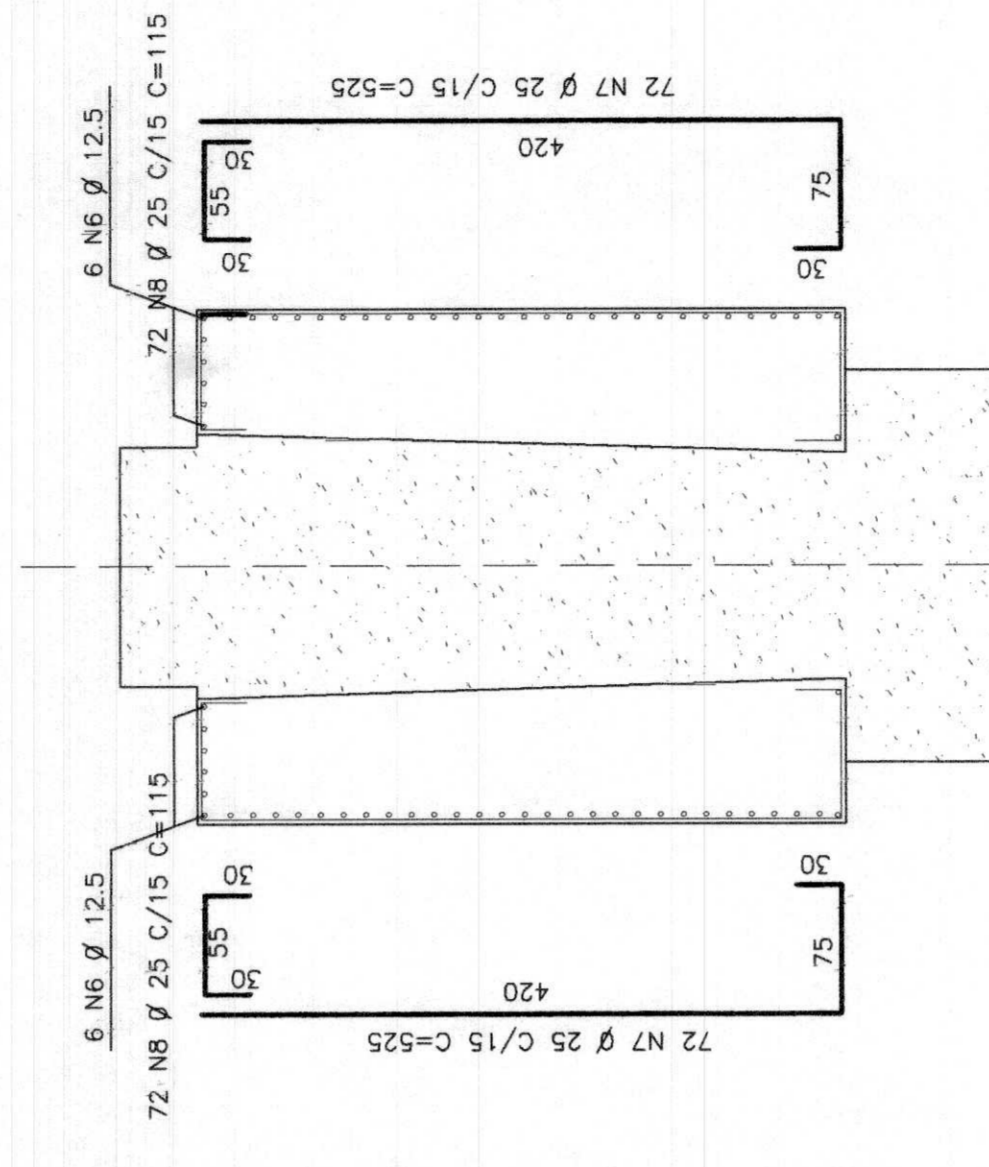
**Corte A**



**Corte B**



**Corte C**



*Bratini*  
**BRUNO CONTARINI**  
 Eng. Civil CRBR-0837-0

**NOTAS GERAIS:**  
 1 - Cotas em centímetros, elevações em metro e batutas em milímetro.  
 2 - Concretização das materiais:  
 Aço CA-50A em armadura passiva  
 Concreto Fc = 20 Gpa  
 Ex = 39 Gpa  
 Módulo de Elasticidade do concreto edificado para cálculo >= 24 Gpa.

ACO	POS	BIT (mm)	QUANT	COMPIMENTO (cm)	UNIT	TOTAL (cm)
50A	1	25	192	240	46080	
50A	2	25	168	102480	17280	
50A	3	25	24	9360	2160	
50A	4	25	24	9360	2160	
50A	5	25	48	730	35040	
50A	6	12.5	12	1550	18600	
50A	7	25	144	115	16560	
50A	8	25	144	115	16560	
50A	9	10	60	410	24600	
50A	10	10	96	330	31680	
50A	11	10	96	330	31680	
50A	12	10	136	4360	59296	
50A	13	10	136	4360	59296	
50A	14	10	134	96	12744	
50A	15	10	156	1150	179400	
50A	16	10	172	295	50740	
50A	17	10	172	295	50740	

ACO	BIT (mm)	COMPR (m)	PESO (kg)
50A	12.5	6953	4345
50A	25	186	11809
50A	25	2952	1836
Peso Total			16343 kg

**1801**

PROJETO BASICO  
 ARMACAO  
 PILAR DE REFORCO

VIADUTO EIXO RODOVIARIO  
 BRASILIA/DF

Projeto: 10/04/16  
 Calculo: D105  
 Escala: REV 01  
 1:50  
 Arquivo: FB1801.01.05-R01  
 Desenhista: D105  
 TB

Rev. Descricao Data

05  
 04  
 03  
 02  
 01 REVISAO ESTRIBOS 17/05/18

Visio