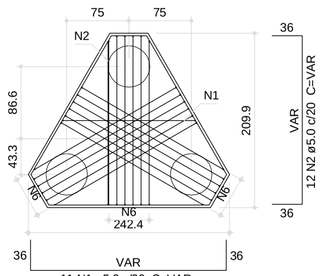
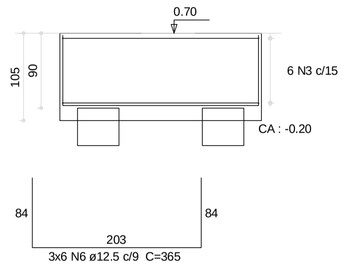
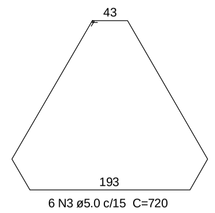
B176-177-179
3ø50

Planta
ESC 1:50



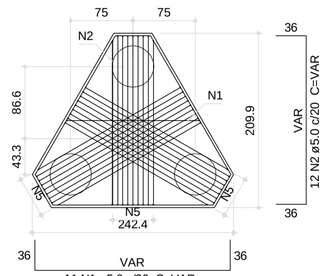
Corte
ESC 1:50



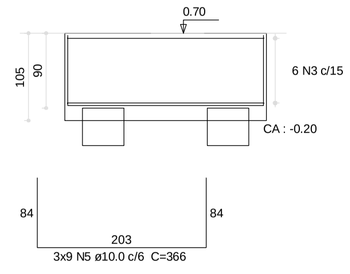


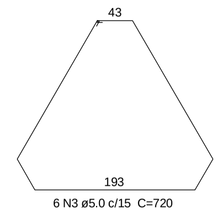
B163-164-178
3ø50

Planta
ESC 1:50



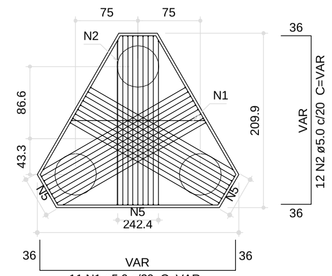
Corte
ESC 1:50



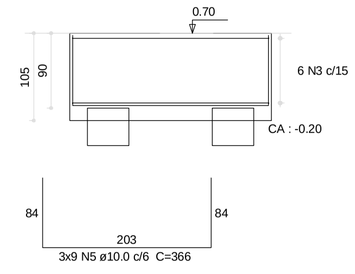


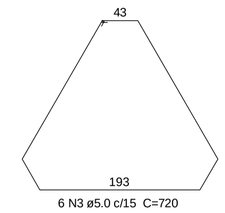
B182-183-189
3ø50

Planta
ESC 1:50



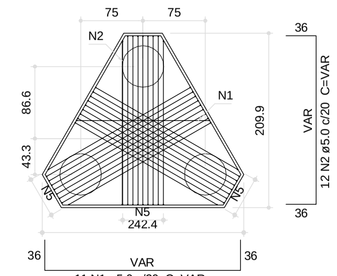
Corte
ESC 1:50



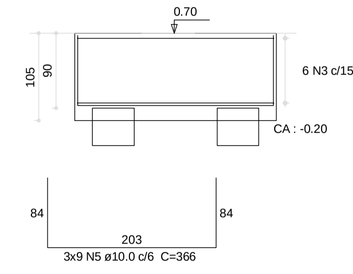


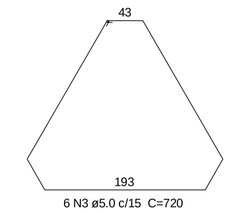
B35-38-39
3ø50

Planta
ESC 1:50



Corte
ESC 1:50





Relação do aço

B3-4-14	B35-38-39	B57-60-68
B118-124-125	B131-144-145	B151-152-154
B163-164-178	B176-177-179	B182-183-189
B187-188-190	B197-210-211	B213-221-222

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	132	VAR	VAR
	2	5.0	144	VAR	VAR
	3	5.0	72	720	51840
CA50	4	8.0	39	367	14313
	5	10.0	150	366	54900
	6	12.5	78	365	28470

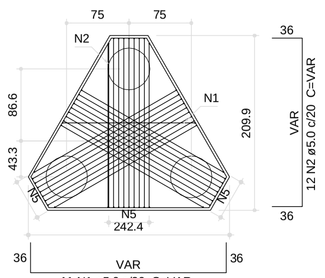
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	143.2	62.1
	10.0	549	372.3
	12.5	284.7	301.7
CA60	5.0	1314.2	222.8
PESO TOTAL			
CA50	736.1		
CA60	222.8		

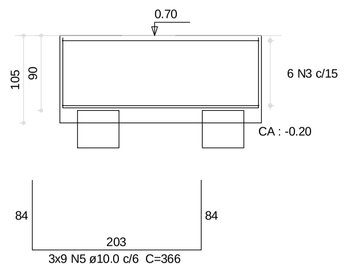
Vol. de concreto total (C-25) = 40.88 m³
Área de forma total = 91.62 m²

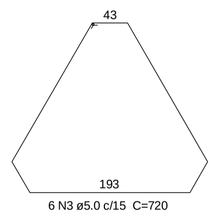
B57-60-68
3ø50

Planta
ESC 1:50



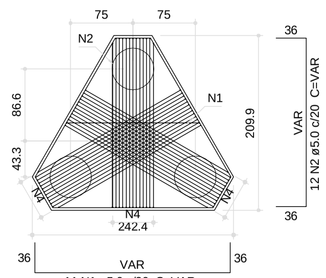
Corte
ESC 1:50



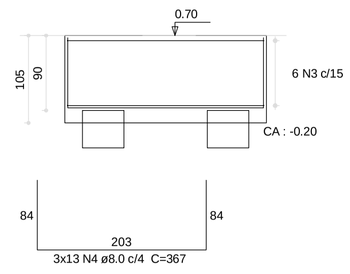


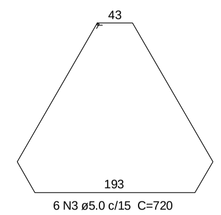
B187-188-190
3ø50

Planta
ESC 1:50



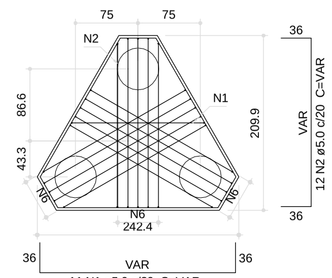
Corte
ESC 1:50



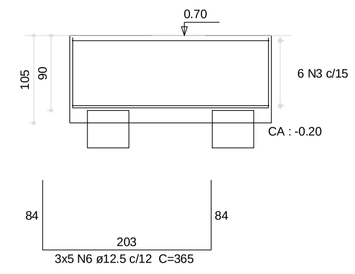


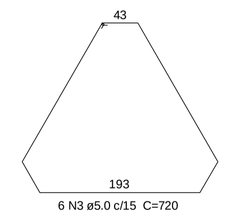
B151-152-154
3ø50

Planta
ESC 1:50



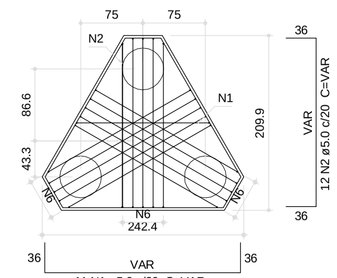
Corte
ESC 1:50



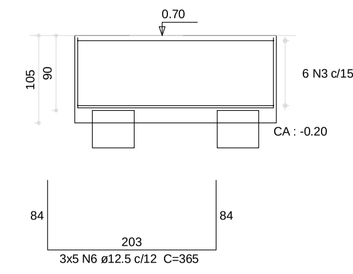


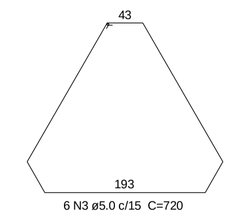
B197-210-211
3ø50

Planta
ESC 1:50



Corte
ESC 1:50





B213-221-222
3ø50

Planta
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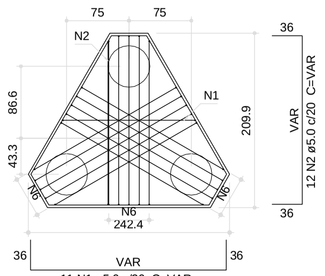
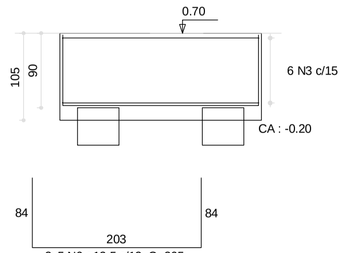
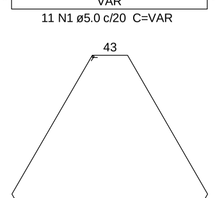


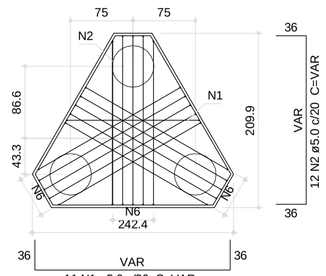
Corte
ESC 1:50





B3-4-14
3ø50

Planta
ESC 1:50



Corte
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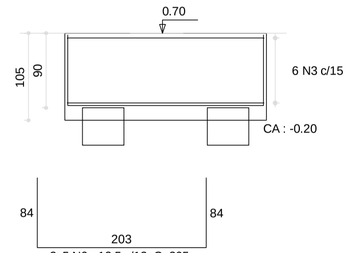
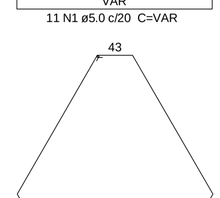
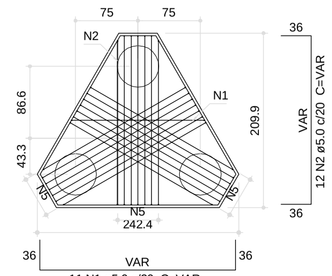




B131-144-145
3ø50

Planta
ESC 1:50



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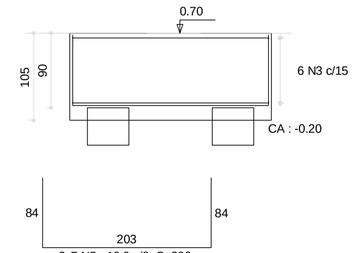
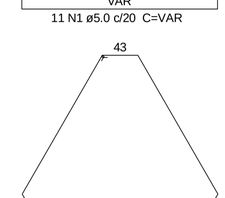
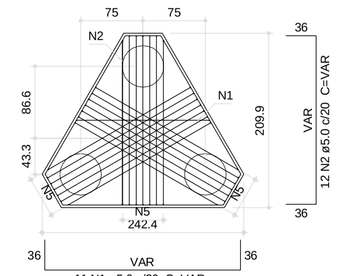




B118-124-125
3ø50

Planta
ESC 1:50



Corte
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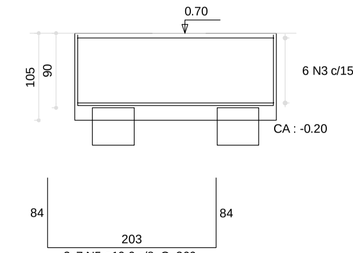

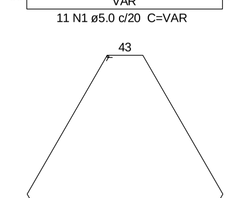

Nº:	DATA	RESPONSÁVEL	DESCRIÇÃO DA REVISÃO:

FASE: PROJETO ESTRUTURAL

OBSERVAÇÕES: CONFERIR MEDIDAS NA OBRA

NUGEO - NÚCLEO DE GEOCIÊNCIAS
CAMPUS DIAMANTINA
RODOVIA MG 367, KM 583, Nº 5000 - ALTO DA JACUBA - DIAMANTINA/MG

PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI — CNPJ 16.888.315/0001-57

UFVJM

TÍTULO: DETALHAMENTO DAS FUNDAÇÕES DO SUBSOLO-2/3

AUTOR PROJETO ESTRUTURAL / RT:

MACEDO SIQUEIRA PROJETOS & ENGENHARIA LTDA-ME
CNPJ: 09.566.686/0001-57
RT: ENG. CIVIL: ANTÔNIO AUGUSTO DE MACEDO – CREA: 81.746/DMG
RUA MARGARIDA CORTONA Nº799, CANAAN, SETE LAGOAS/MG
FONES: (31) 3771-0554 / 9997-3184

A.MACEDO Projetos e Engenharia
www.amacedoengenharia.com.br
Fones: (31) 3771-0554 / 9997-3184

DETALHAMENTO:

VERSÃO:	DATA:	AUTOCAD:	FOLHA:
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