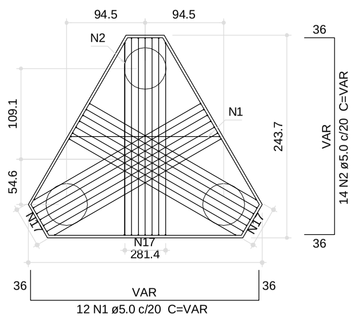
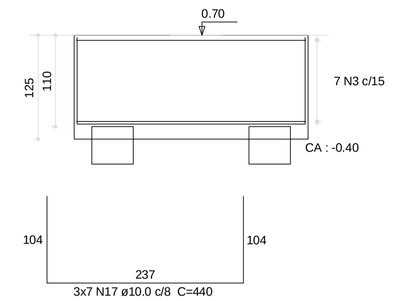
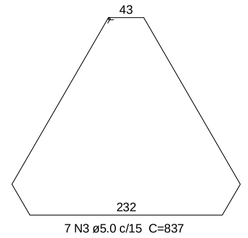
B75-80-84
3ø50

Planta
ESC 1:50



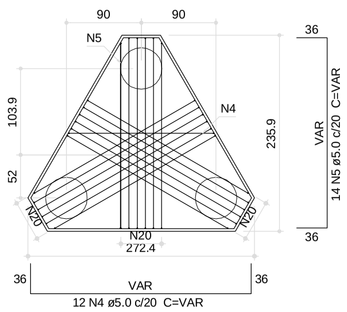
Corte
ESC 1:50



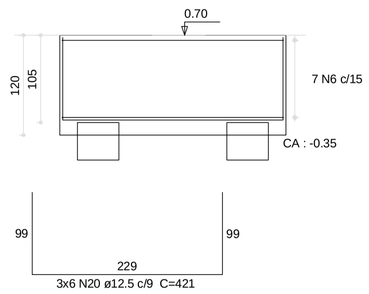


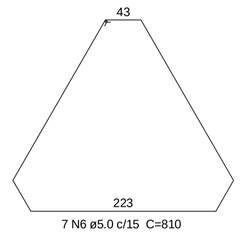
B24-25-26
3ø50

Planta
ESC 1:50



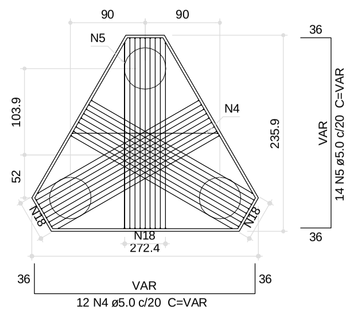
Corte
ESC 1:50



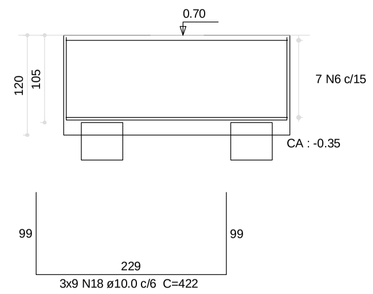


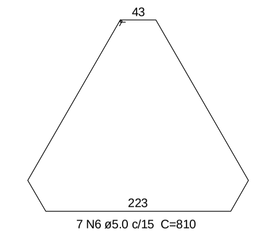
B45-46-54
3ø50

Planta
ESC 1:50



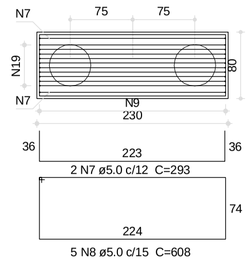
Corte
ESC 1:50



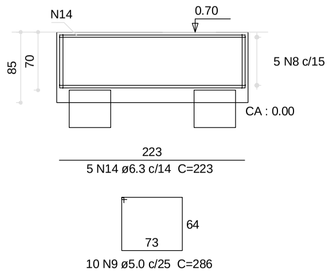


B30=B33=B34=B58=B70=B73=B81=B89=B109 =B123=B134=B148=B157=B166=B193
2ø50

Planta
ESC 1:50



Corte
ESC 1:50



Relação do aço

15xB134	B1-2-13	B24-25-26
B45-46-54	B53-55-56	B67-69-74
B75-80-84	B82-83-91-92	B112-113-119
B126-132-133	B155-156-161	B191-192-203-204

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	12	VAR	VAR
	2	5.0	14	VAR	VAR
	3	5.0	7	837	5859
	4	5.0	48	VAR	VAR
	5	5.0	56	VAR	VAR
	6	5.0	28	810	22680
	7	5.0	126	293	36918
	8	5.0	75	608	45600
	9	5.0	150	286	42900
	10	5.0	28	908	25424
	11	5.0	22	VAR	VAR
	12	5.0	24	VAR	VAR
	13	5.0	12	720	8640
CA50	14	6.3	75	223	16725
	15	8.0	39	423	16497
	16	8.0	14	VAR	VAR
	17	10.0	21	440	9240
	18	10.0	48	422	20256
	19	10.0	150	346	51900
	20	12.5	18	421	7578
	21	12.5	26	VAR	VAR
	22	12.5	18	365	6570
	23	16.0	12	364	4368

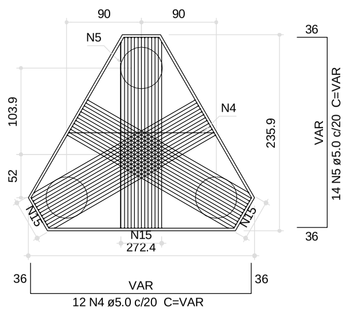
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	167.3	45
	8.0	224.8	97.6
	10.0	814	552
	12.5	252	267
	16.0	43.7	75.8
CA60	5.0	2425.4	411.2
PESO TOTAL			
CA50	1037.4		
CA60	411.2		

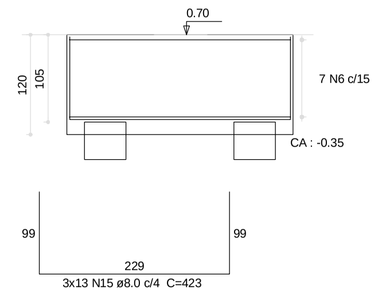
Vol. de concreto total (C-25) = 80.15 m³
Área de forma total = 190.09 m²

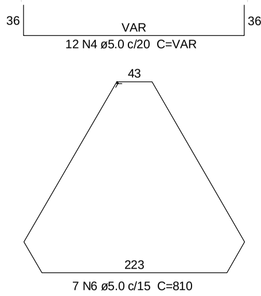
B53-55-56
3ø50

Planta
ESC 1:50



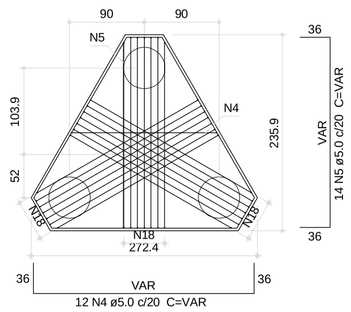
Corte
ESC 1:50



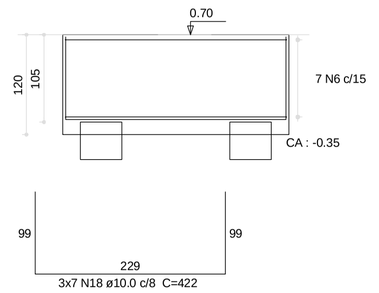


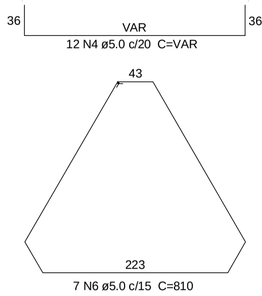
B67-69-74
3ø50

Planta
ESC 1:50



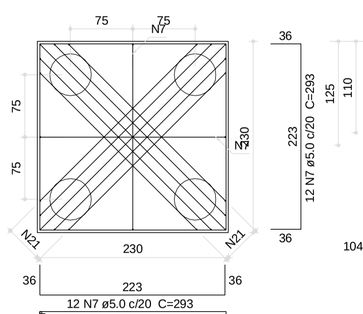
Corte
ESC 1:50



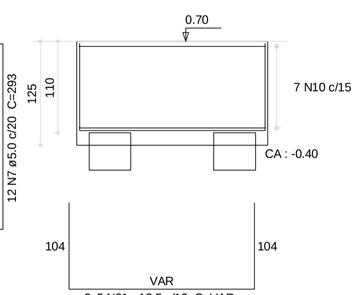


B126-132-133
4ø50

Planta
ESC 1:50

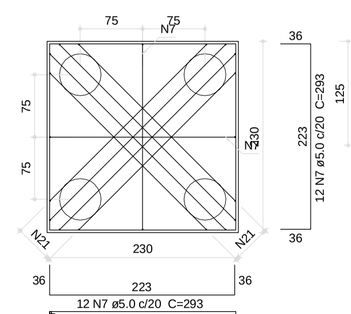


Corte
ESC 1:50

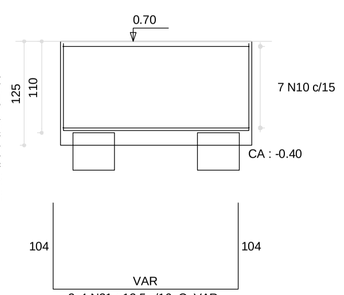


B1-2-13
4ø50

Planta
ESC 1:50

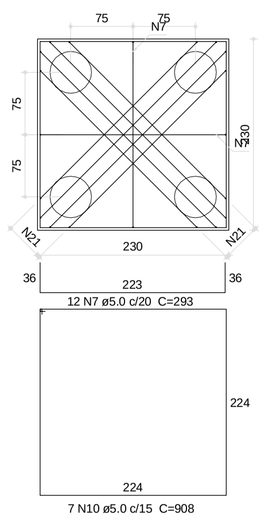


Corte
ESC 1:50



B191-192-203-204
4ø50

Planta
ESC 1:50



Corte
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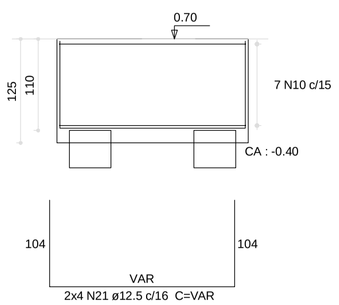
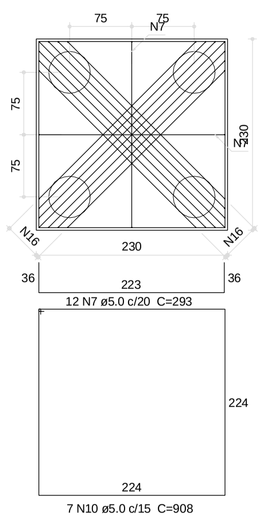


B82-83-91-92
4ø50

Planta
ESC 1:50



Corte
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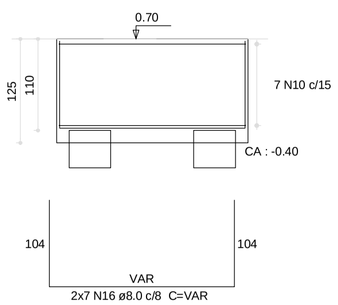
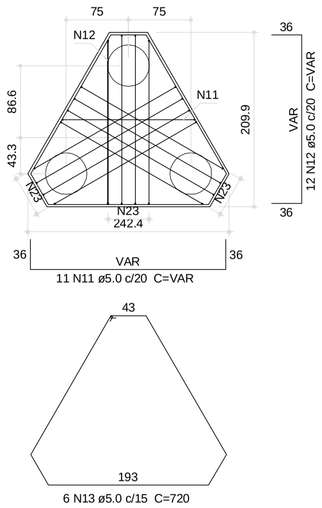


B112-113-119
3ø50

Planta
ESC 1:50



Corte
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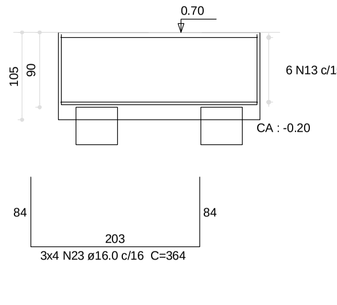
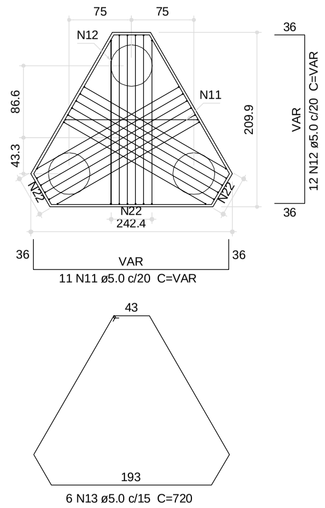
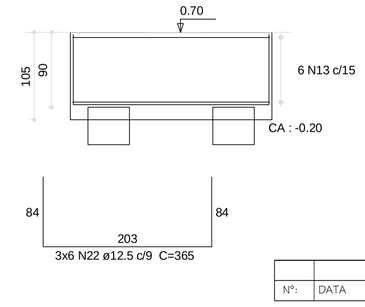


B155-156-161
3ø50

Planta
ESC 1:50



Corte
ESC 1:50



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-1/3

AUTOR PROJETO ESTRUTURAL / RT:

MACEDO SIQUEIRA PROJETOS & ENGENHARIA LTDA-ME
CNPJ: 08.566.686/0001-57
RT: ENG. CIVIL: ANTÔNIO AUGUSTO DE MACEDO – CREA: 81.746/DMG
RUA MARGARIDA CORTONA Nº799, CANAAN, SETE LAGOAS/MG
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A•MACEDO Projetos e Engenharia
www.amacedoengenharia.com.br
Fones: (31) 3771-0554 / 9997-3184

DETALHAMENTO:

VERSÃO:	DATA:	AUTOCAD:	FOLHA:
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