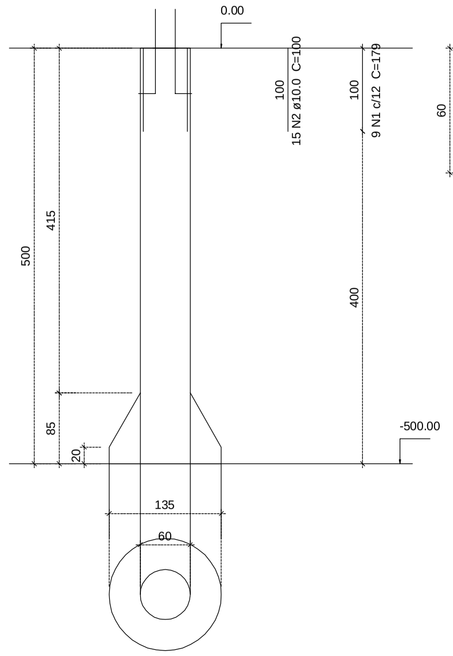
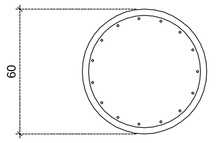
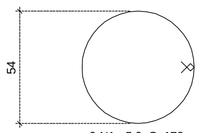
B63=B104

Corte
ESC 1:50



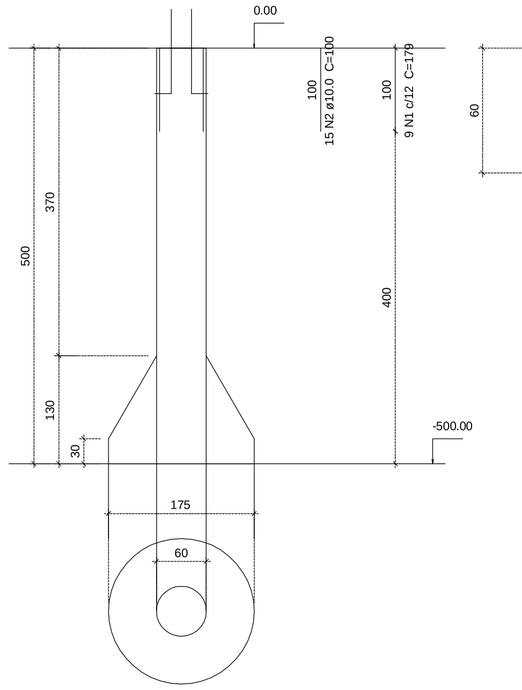
Seção
ESC 1:20





B64=B66=B67=B70=B71=B73=B78=B79=B84=B85

Corte
ESC 1:50



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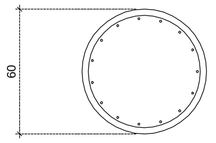
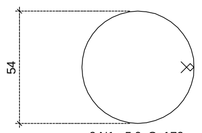
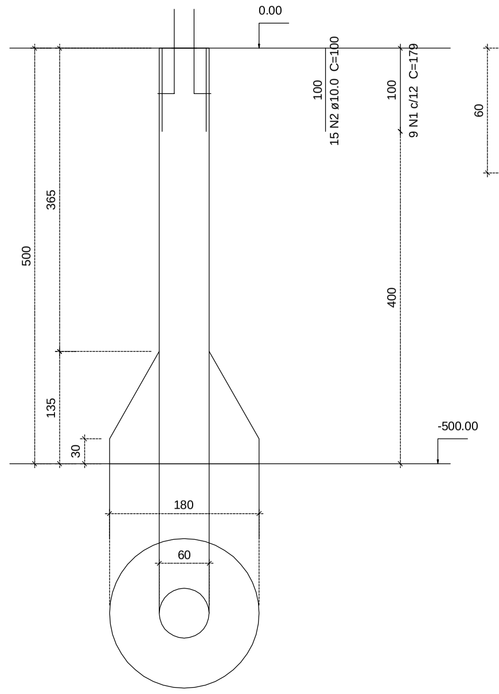
ESC 1:20





B65

Corte
ESC 1:50



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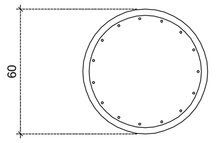
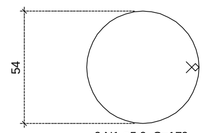




Relação do aço

B65
10xB85
4xB111

B76
5xB88
B14-15

B7-8
2xB104
B102-103

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	234	179	41886
CA50	2	10.0	390	100	39000

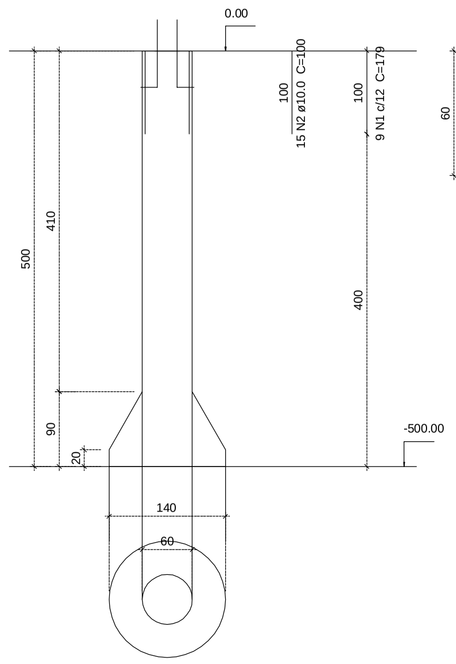
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	390	264.5
CA60	5.0	418.9	71
PESO TOTAL			
CA50	264.5		
CA60	71		

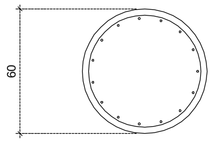
Vol. de concreto total (C-25) = 69.68 m³

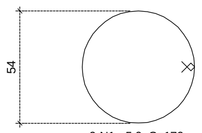
B102-103

Corte
ESC 1:50



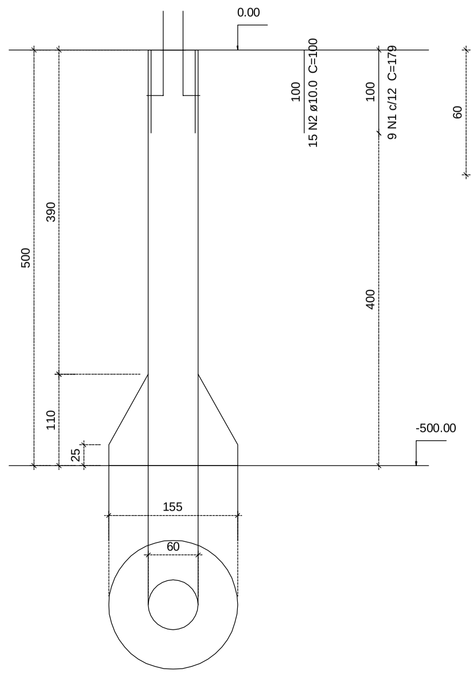
Seção
ESC 1:20





B76

Corte
ESC 1:50



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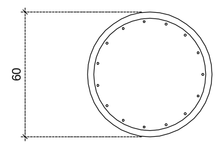
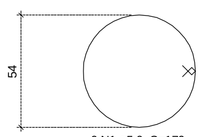
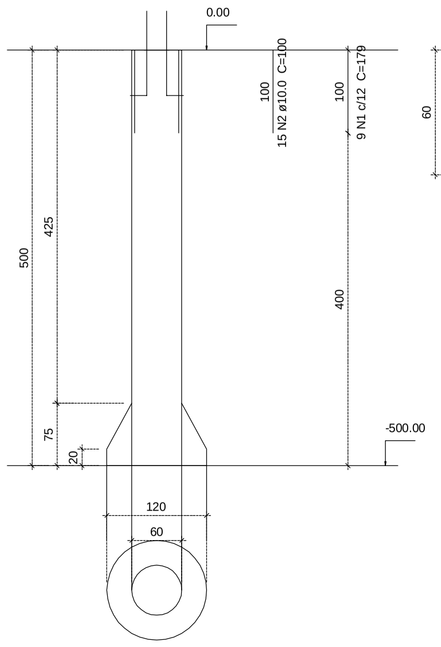




B7-8

Corte
ESC 1:50



Seção
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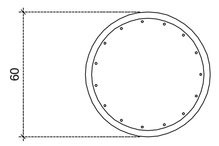
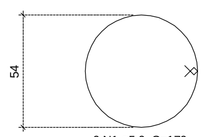
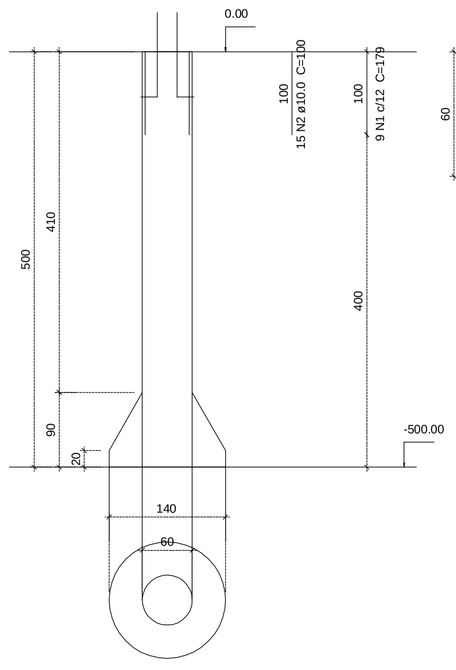


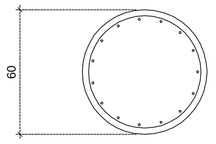


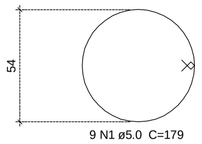
B89=B100=B110=B111

Corte
ESC 1:50



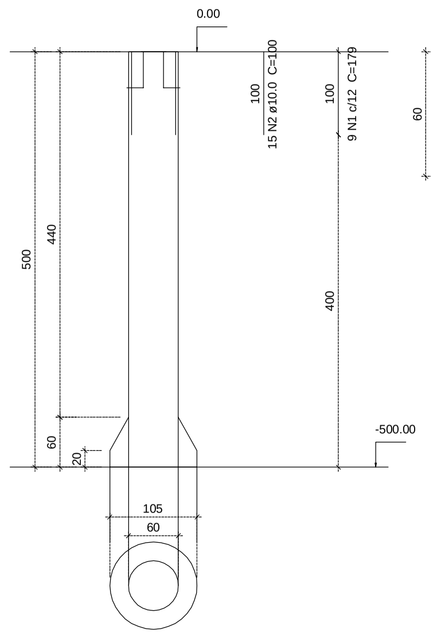
Seção
ESC 1:20





B14-15

Corte
ESC 1:50



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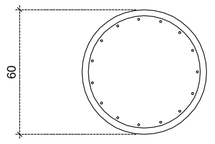
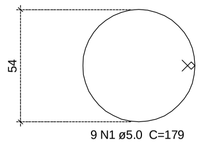
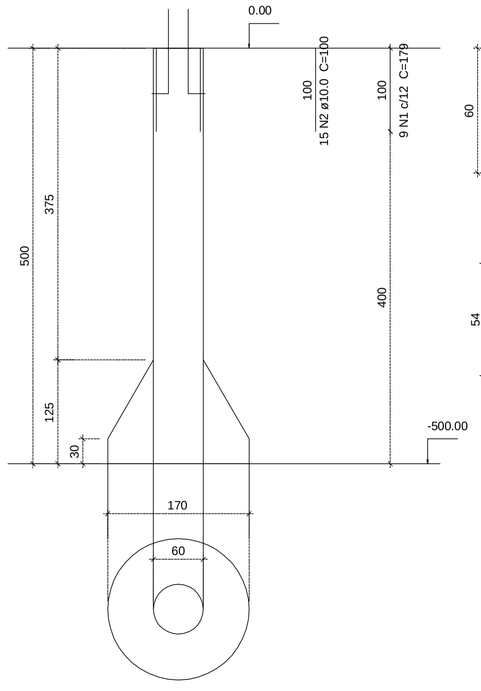
ESC 1:20



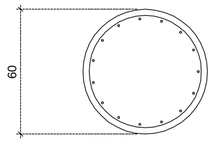


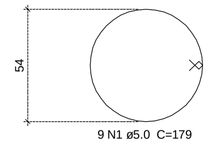
B72=B77=B82=B83=B88

Corte
ESC 1:50



Seção
ESC 1:20





Nº	DATA	RESPONSÁVEL	DESCRIÇÃO DA REVISÃO:

FASE:
PROJETO ESTRUTURAL

OBSERVAÇÕES
CONFERIR MEDIDAS NA OBRA

ARQUIBANCADA E ÁREAS DE APOIO DA PISTA DE ATLETISMO
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

TÍTULO
DET. DAS FUNDAÇÕES E ARRANQUES DE PILARES 3/4

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

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www.amacedoengenharia.com.br
Fones: (31) 3771-0554 / 9997-3184

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