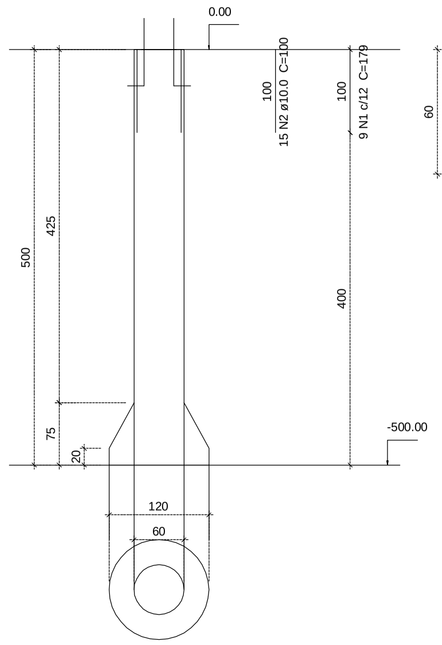
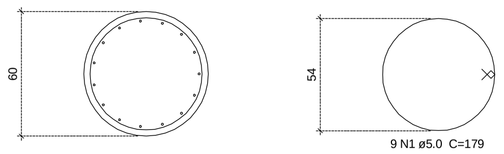
B22-23

Corte
ESC 1:50

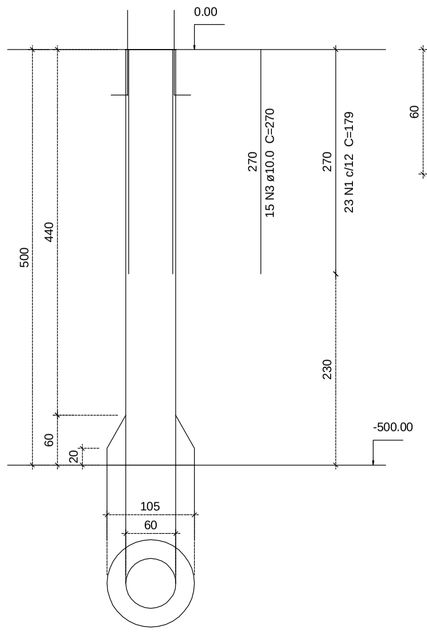


Seção
ESC 1:20

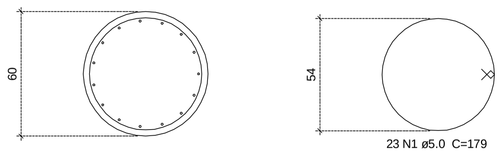


B28-29

Corte
ESC 1:50

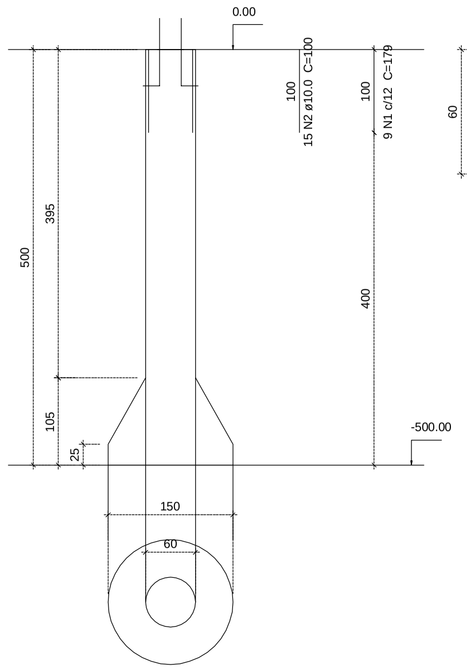


Seção
ESC 1:20

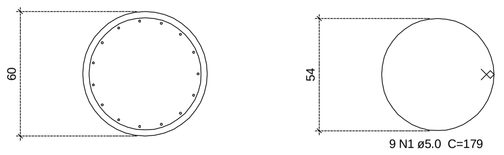


B39-40

Corte
ESC 1:50



Seção
ESC 1:20



Relação do aço

B22-23	B28-29	B39-40
B45-46	B52-53	B58-59
B68-69	B74-75	B80-81

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	95	179	17005
CA50	2	10.0	120	100	12000
	3	10.0	15	270	4050

Resumo do aço

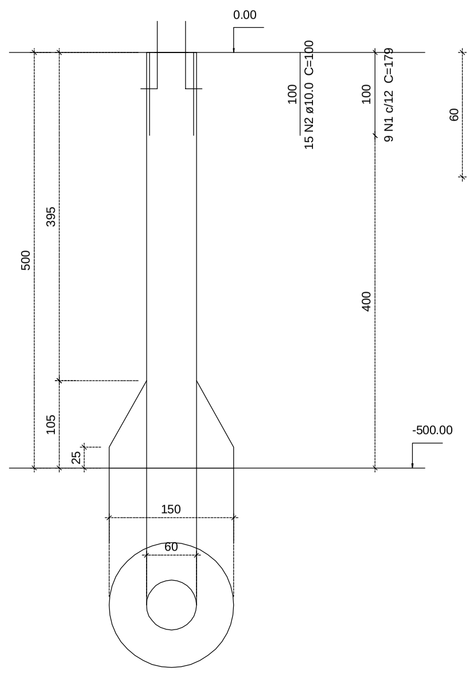
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	160.5	108.8
CA60	5.0	170.1	28.8

PESO TOTAL	
CA50	108.8
CA60	28.8

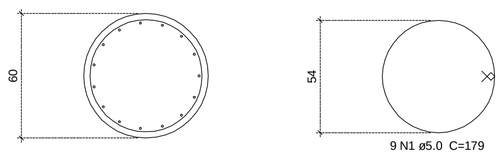
Vol. de concreto total (C-25) = 21.76 m³

B45-46

Corte
ESC 1:50

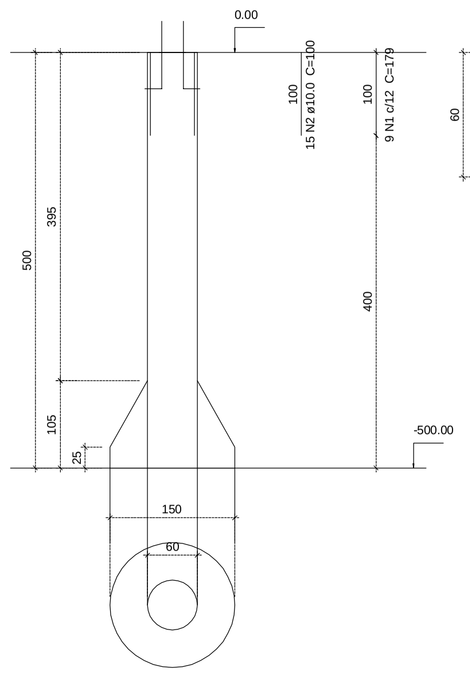


Seção
ESC 1:20

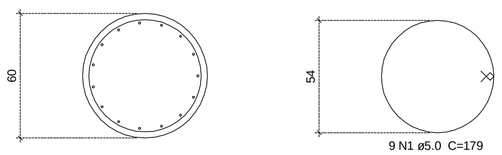


B52-53

Corte
ESC 1:50

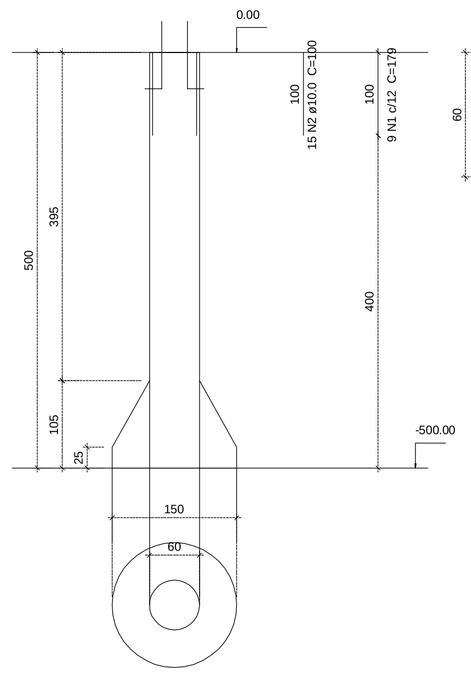


Seção
ESC 1:20

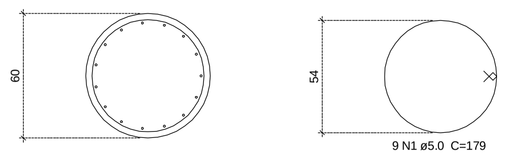


B58-59

Corte
ESC 1:50

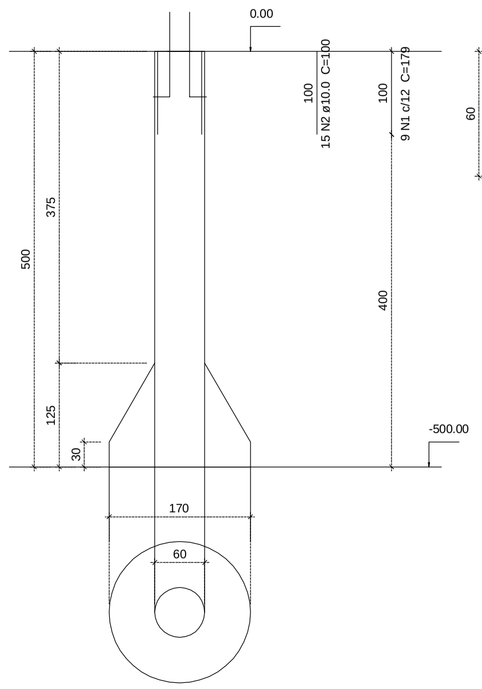


Seção
ESC 1:20

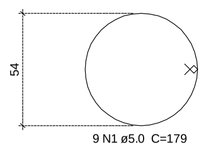


B68-69

Corte
ESC 1:50

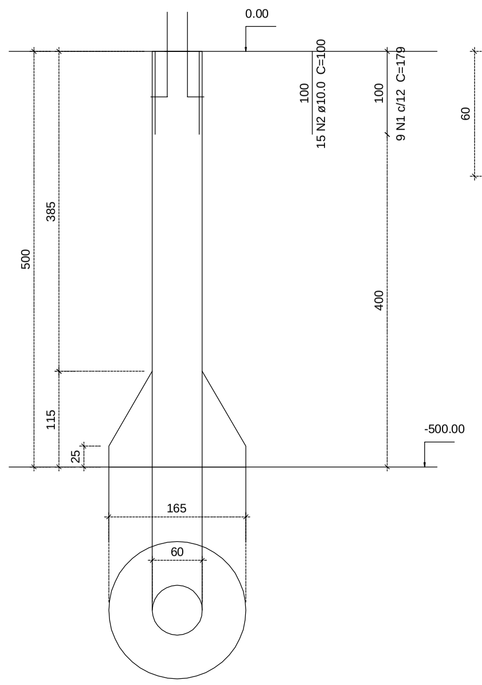


Seção
ESC 1:20

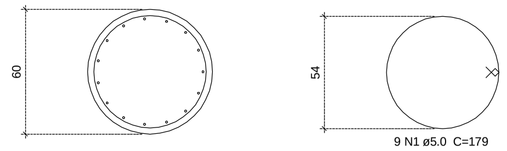


B74-75

Corte
ESC 1:50

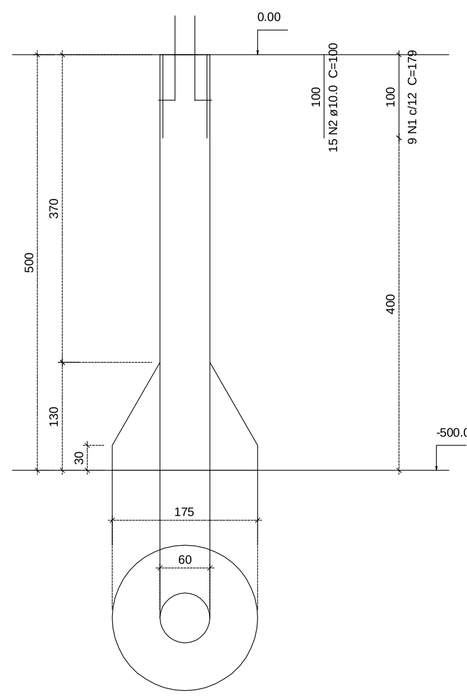


Seção
ESC 1:20

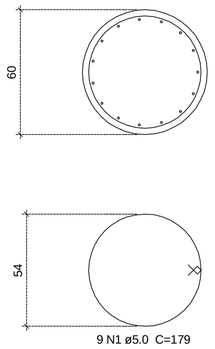


B80-81

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 4/4

AUTOR PROJETO ESTRUTURAL / RT:
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RT: ENG. CIVIL: ANTÔNIO AUGUSTO DE MACEDO – CREA: 81.746/DMG
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www.amacedoengenharia.com.br
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