

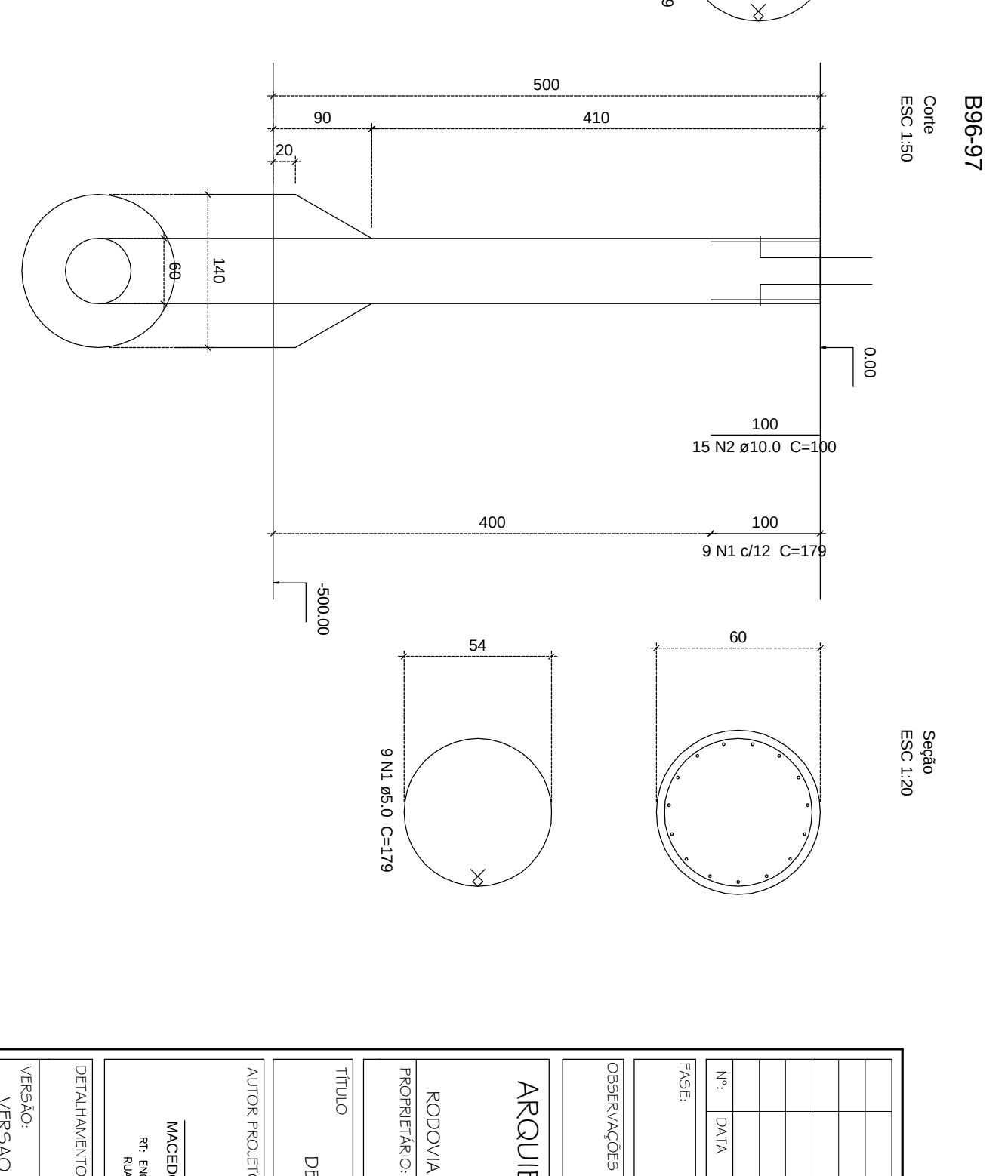
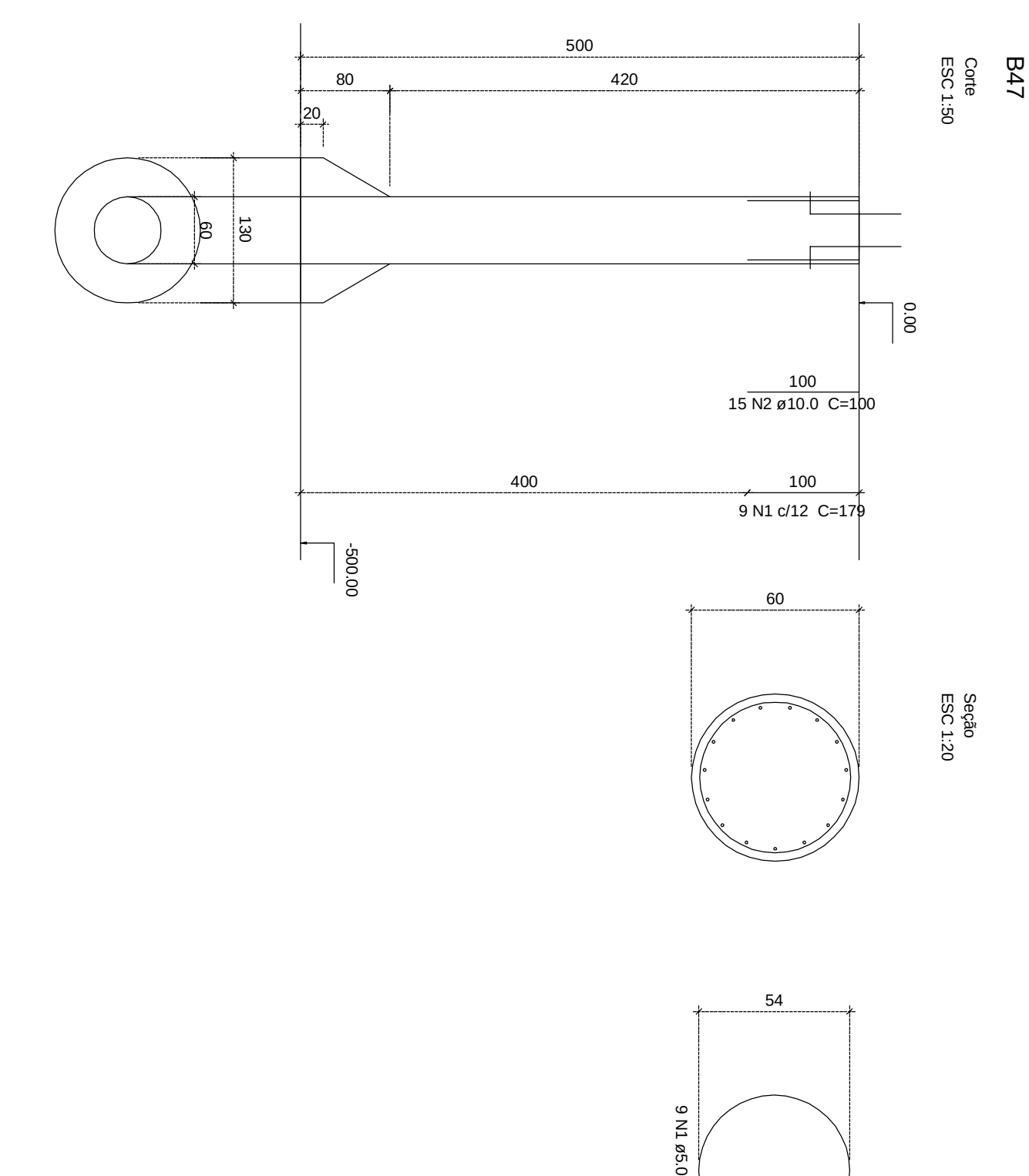
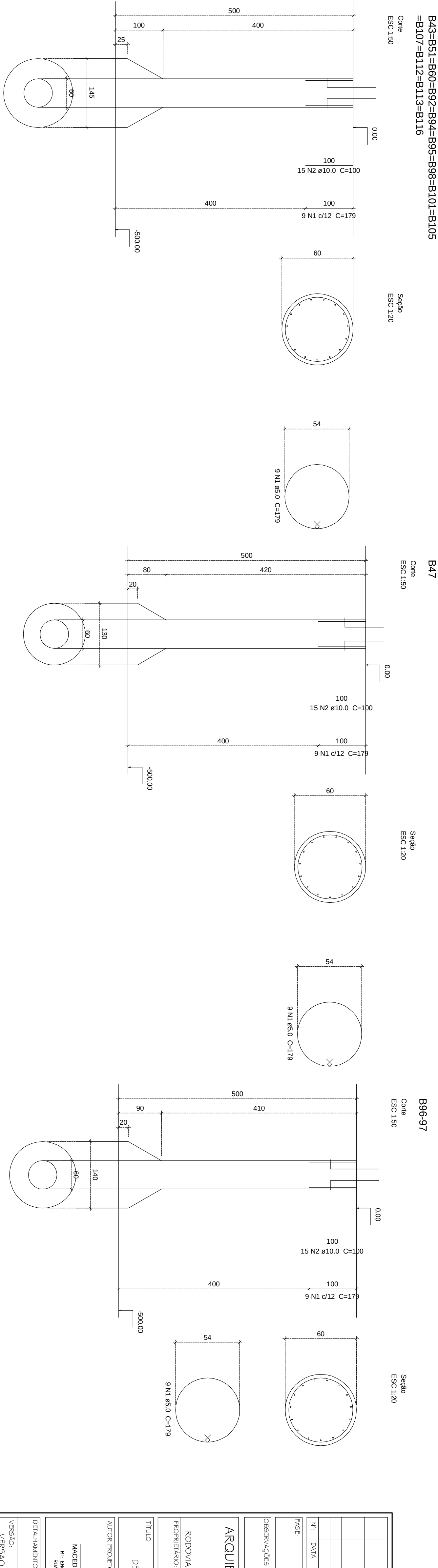
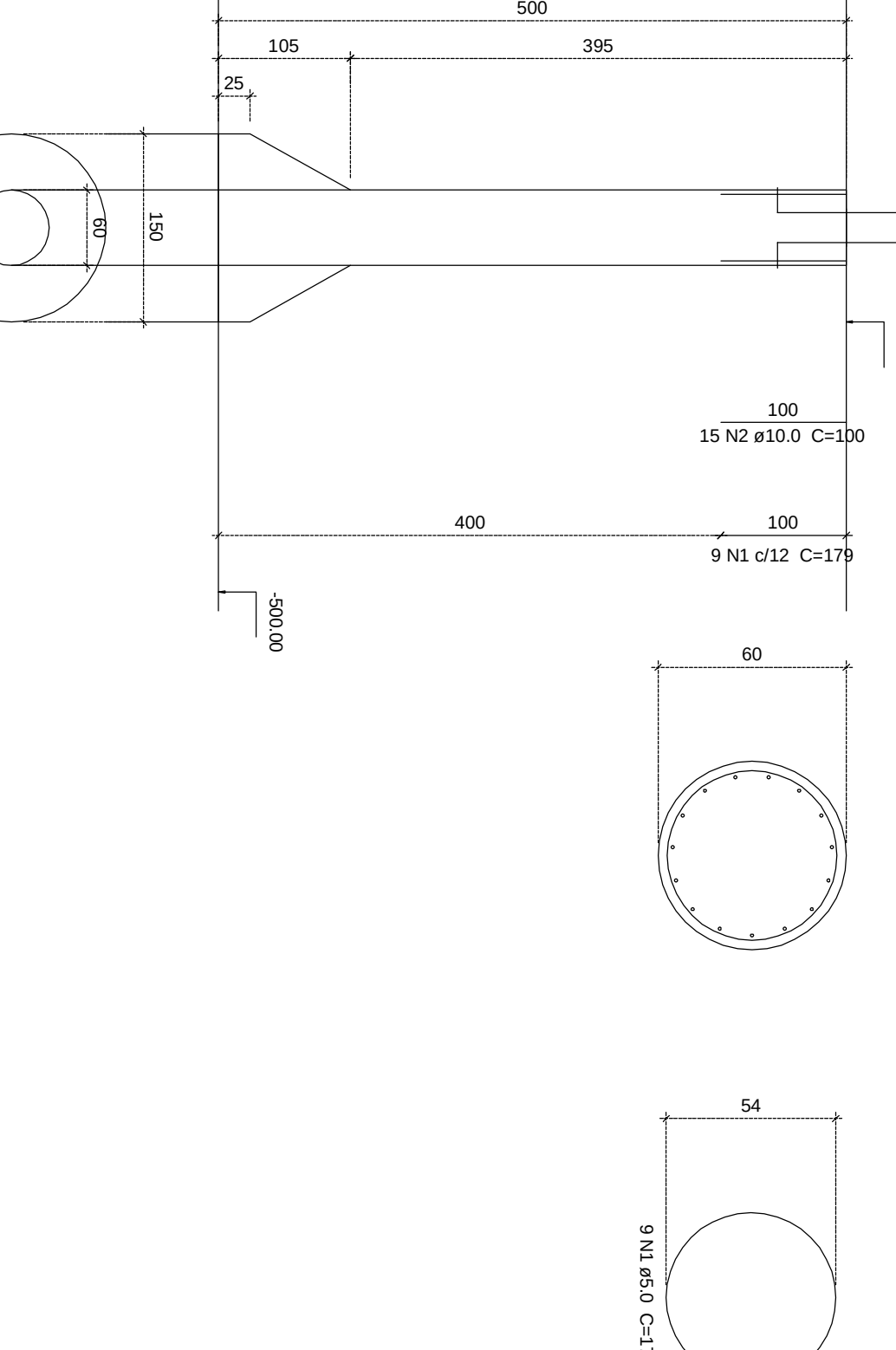
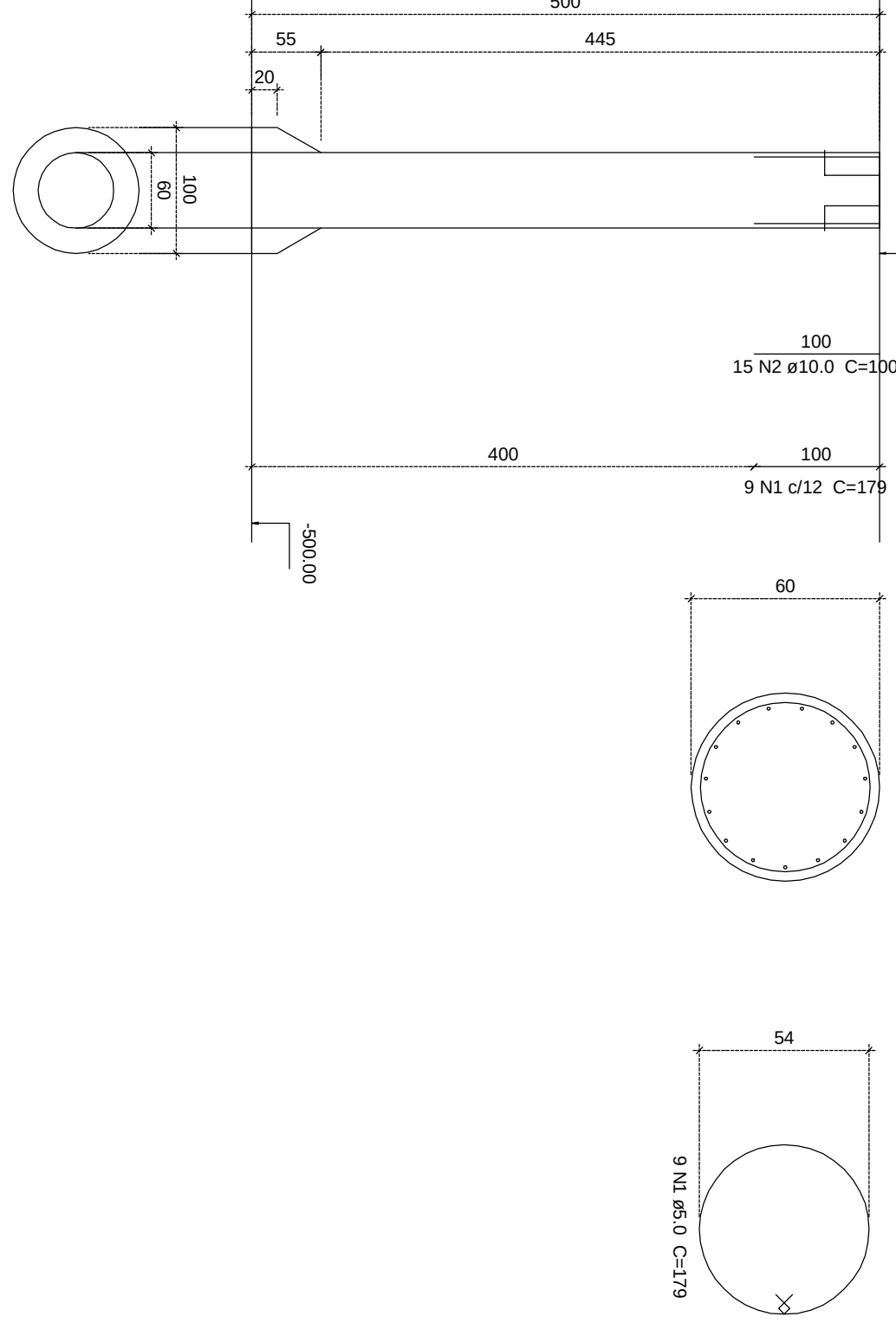
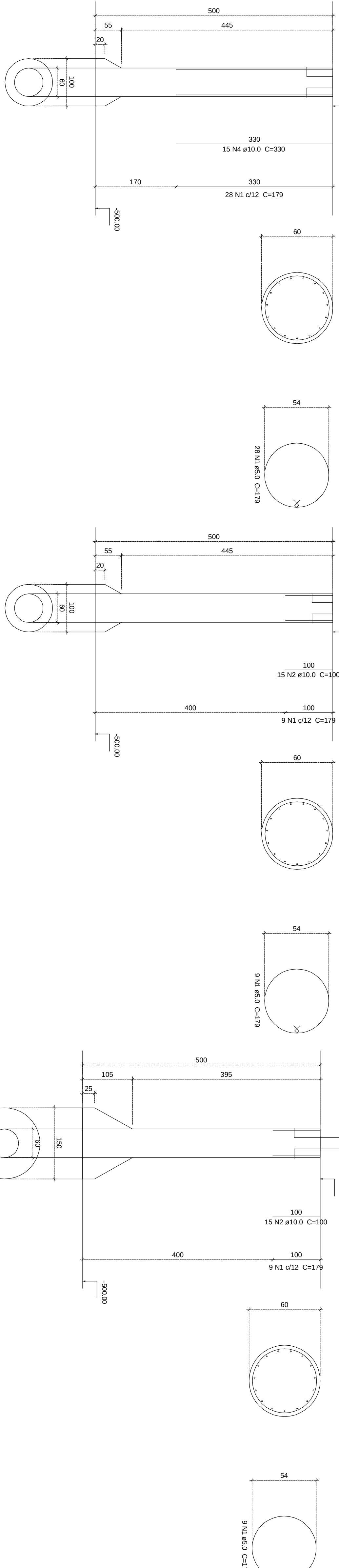
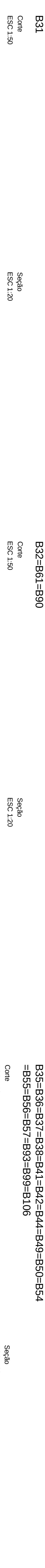
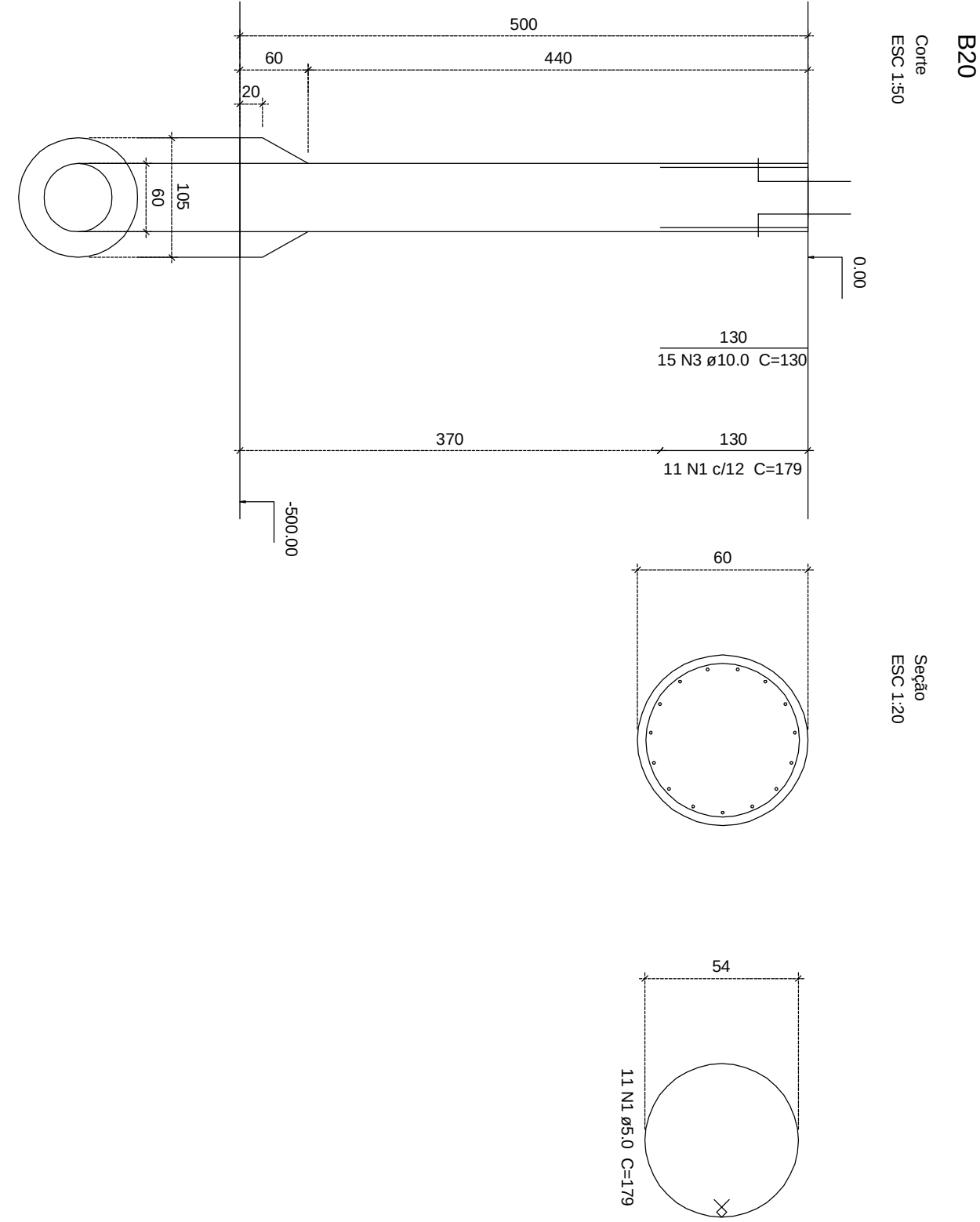
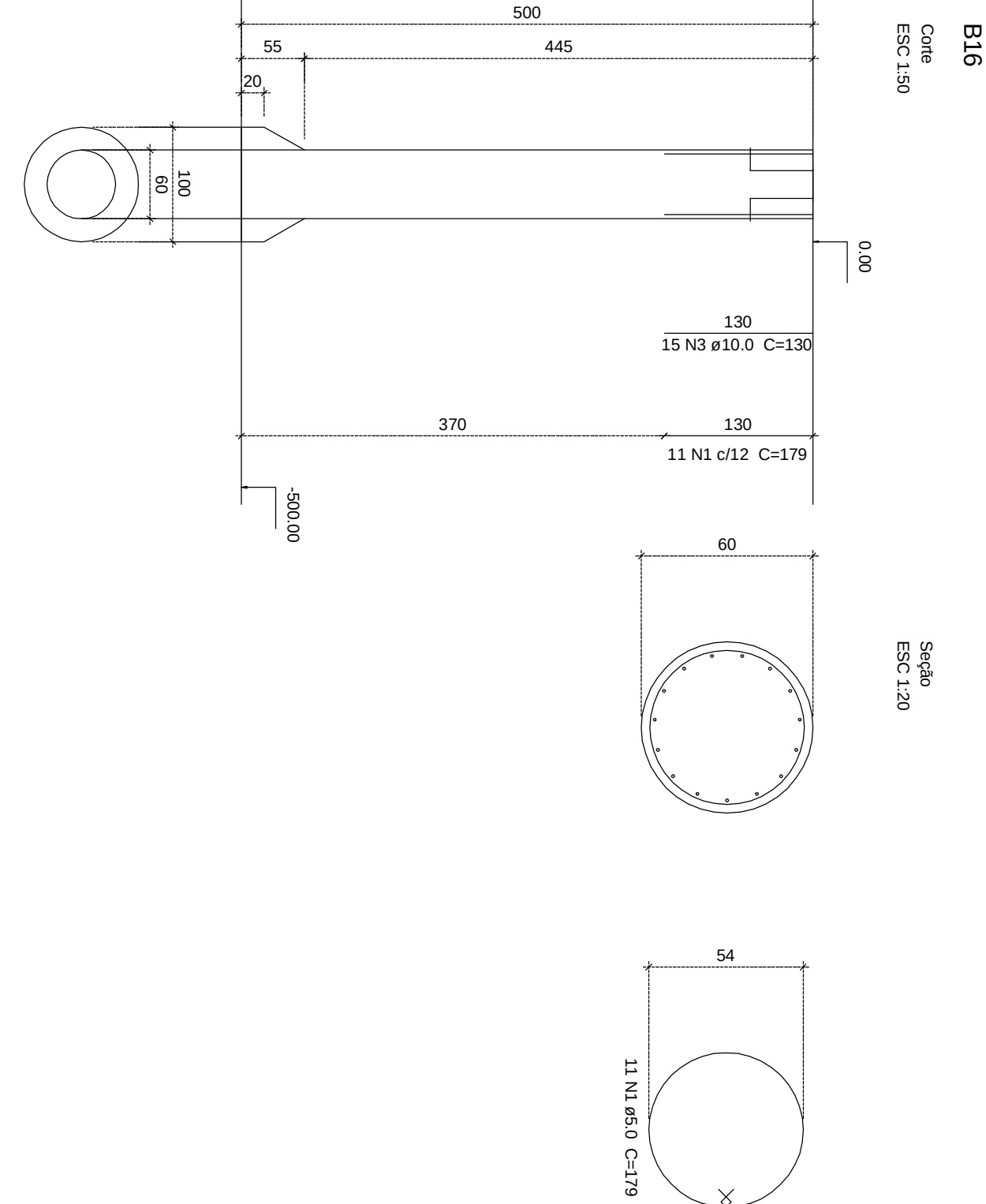
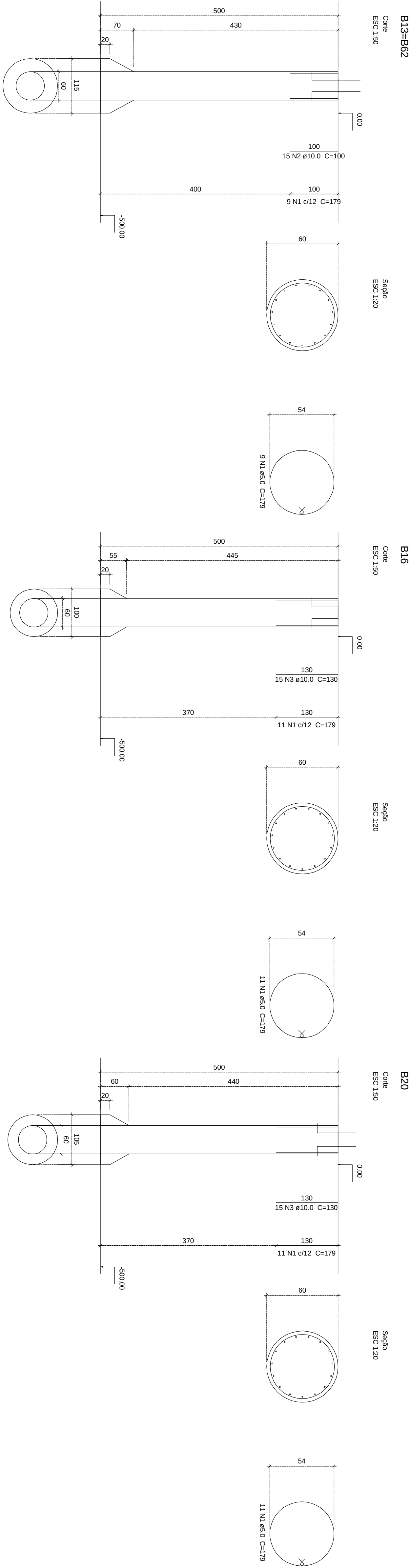
Relação do aço

B15	B20	B31
B47	26662	36690
106106	136116	B96-97

Resumo do aço

ACO	N	DIAM	Q	UNIT	C TOTAL
CASO	1	5,0	374	(m³)	19945
CASO	2	10,0	540	100	54000
CASO	3	10,0	30	130	3900
CASO	4	10,0	15	330	4950
CASO		426,2			
CASO		113,5			

Vál. de concreto total (C=25) = 84,76 m³



OBSERVAÇÕES			
CONFERIR MEDIDAS NA OBRA			
PROJETO ESTRUTURAL			
Nº	RESPONSÁVEL	DESCRIÇÃO DA REVISÃO	
DATA			
FASE			
TÍTULO			
DET. DAS FUNDAÇÕES E ARRANQUES DE PILARES 2/4			
AUTOR PROJETO ESTRUTURAL / RT			
MACEDO SIQUEIRA PROJETOS & ENGENHARIA LTDA ME			
CNPJ 08.568.889/0001-97			
R. BUC. DANI. MARQUES, 1779A, C/ALV. 174, DMS			
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Projeto e Engenharia			
VERSÃO	DATA	AUTOCAD	FOLHA
VERSÃO 1	20.09.2011		18/70