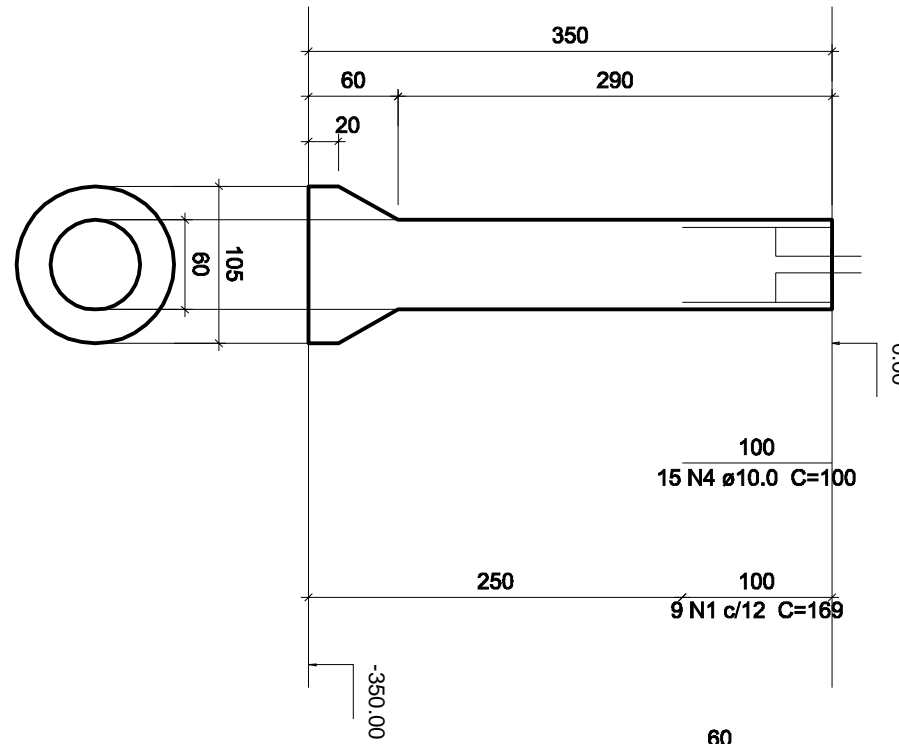
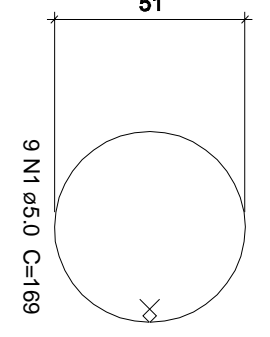
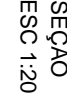
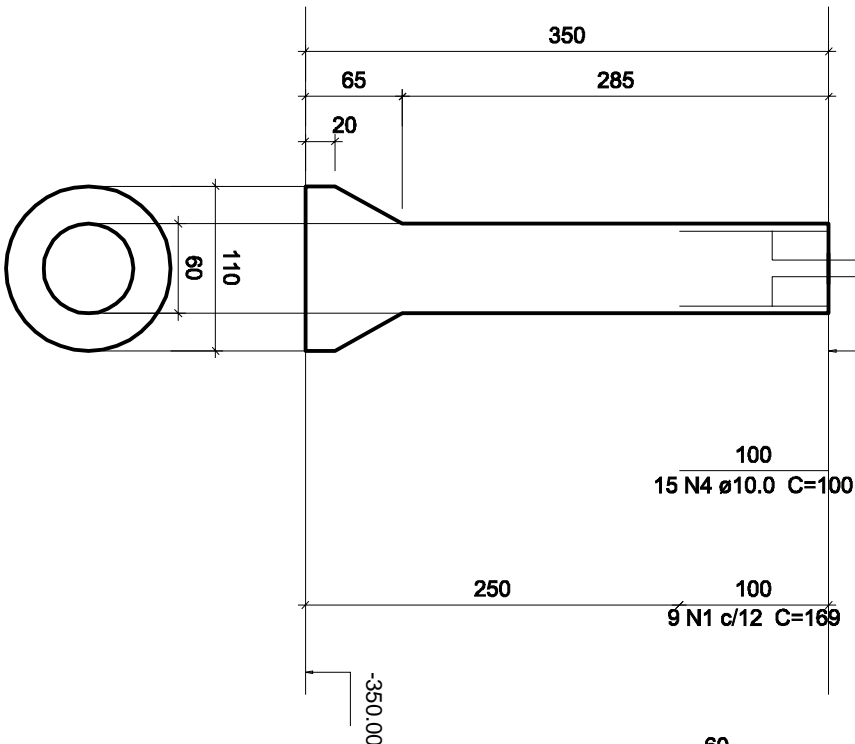
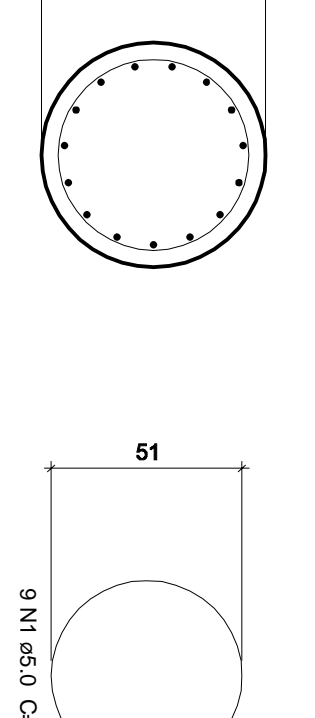
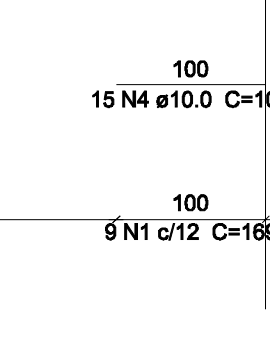
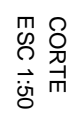
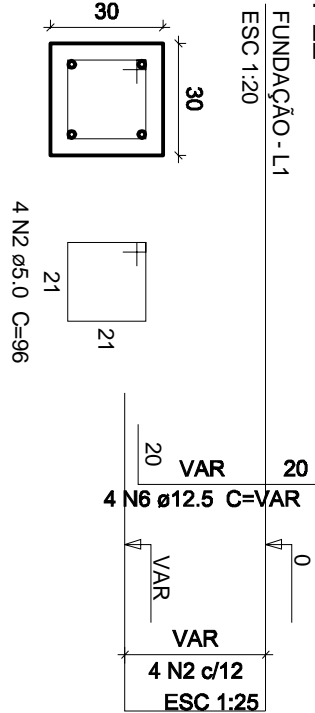
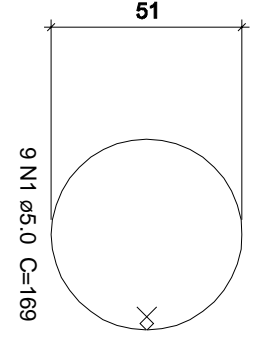
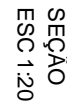
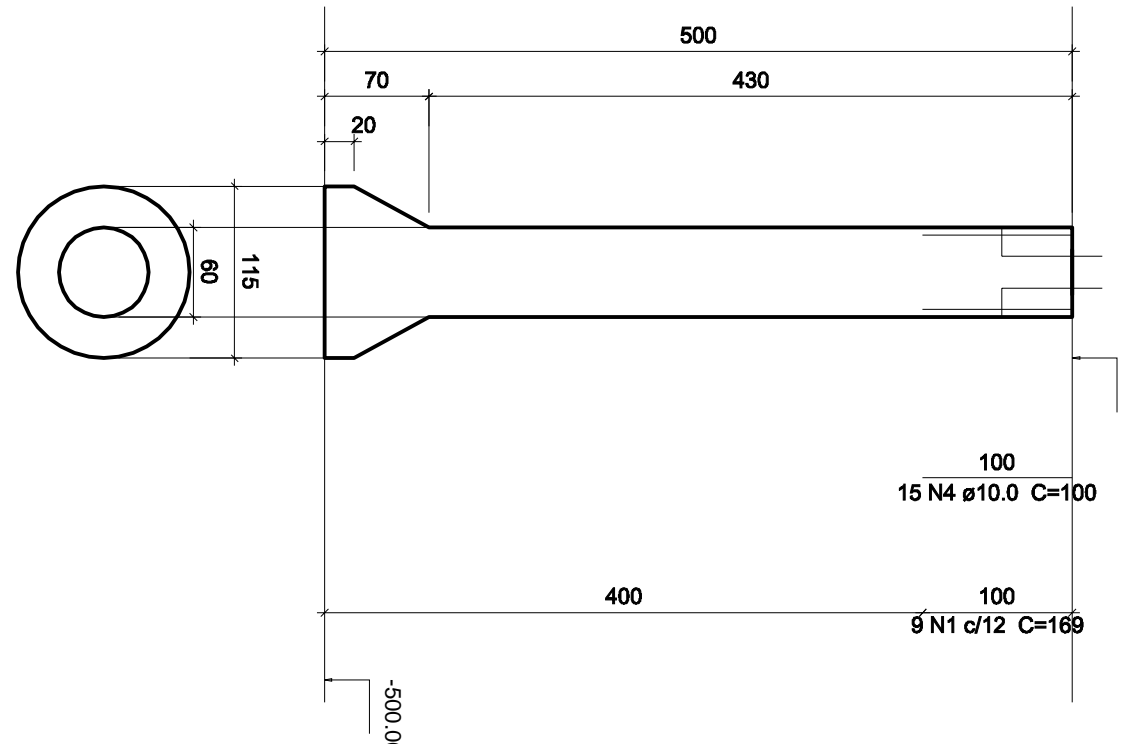


ACO	N	DIAM	QUANT	C.UNIT	C.TOTAL
CA50	1	5.0	45	96	788
CA50	3	5.0	8	56	448
CA50	4	10.0	75	100	7500
CA50	5	12.5	8	VAR	VAR

Resumo do aço

ACO	DIAM	C.TOTAL	PESO + 10 %
CA50	5.0	85.7	54.7
CA50	12.5	6.4	6.4
CA50	5.0	88.3	15
PESO TOTAL			
CA50	61.5		
CA50	15		

Volume de concreto (C-25) = 7.83 m³
Volume de concreto (C-30) = 0.11 m³
Área de forma = 1.73 m²



PROGRAMA:	PREFEITURA MUNICIPAL DE JOAO NEVA
REFORMA E AMPLIAÇÃO DA ANTIGA EMEI HILDA BRITO	
MUNICÍPIO/ÁREA:	JOÃO NEVA / ES
TÍTULO:	PROJETO ESTRUTURAL
DETALHE	
REFORÇO PÉDIO – CRAS	
TUBULÕES T15-T16-T21-T22-T25	
DATA: DEZEMBRO/2018	ESCALA: INDICADA
ARQUIVO:	4.5