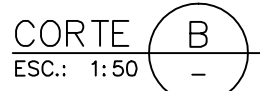


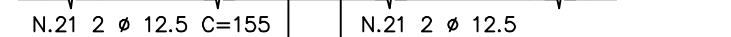
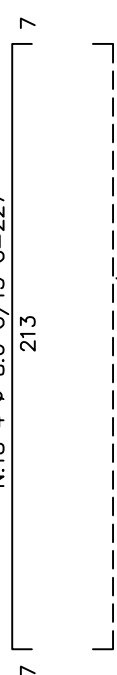
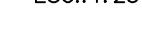
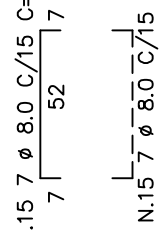
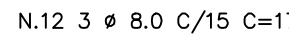
COMPANHIA ESPÍRITO SANTENSE DE
SANEAMENTO – CESAN E NÃO PODE
SER COPIADO SEM SUA AUTORIZAÇÃO.



RESUMO ACO CA-50A			
Ø	kg/m	m	kg
8	0.393	123.1	48
10	0.624	878	548
12.5	0.988	20.8	21
TOTAL			617

CAA III – CLASSE DE AGRESSIVIDADE AMBIENTAL	
PEÇA	COBRIMENTO (cm)
LAJE	4.0
VIGA	4.0
PILAR	4.0
PAREDE	4.0

1 - CORTAR E DOBRAR FERROS NA REGIÃO DOS FUROS.



Ø (mm)	R (cm)	L2 (cm)	a2 (cm)
12.5	6	7.25	12
16.0	6	7.6	12
20.0	8	10	16
25.0	10	12.5	20

PARA DOBRAR FERROS DE BITOLA SUPERIOR A 12,5 MILÍMETROS RECOMENDAMOS
USO DO PINO DE DOBRAMENTO CONFORME A TABELA ANEXA

[illegible]