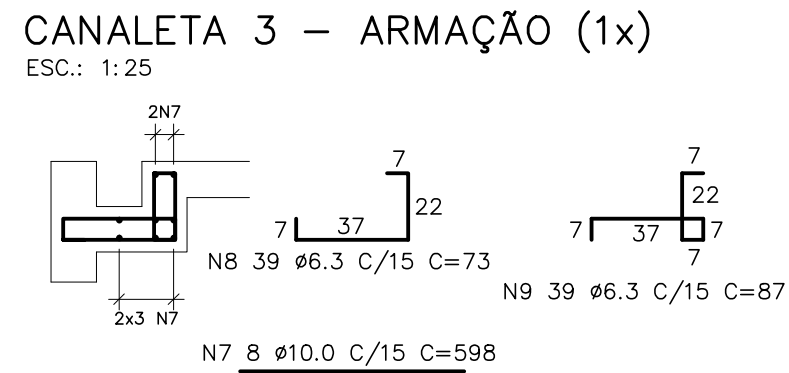
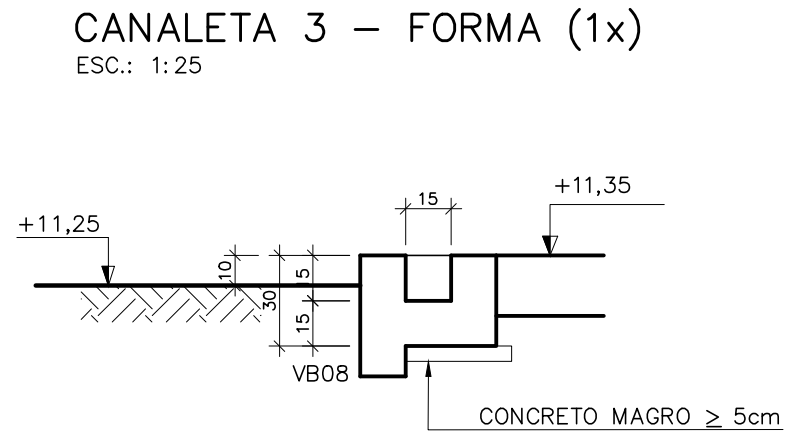
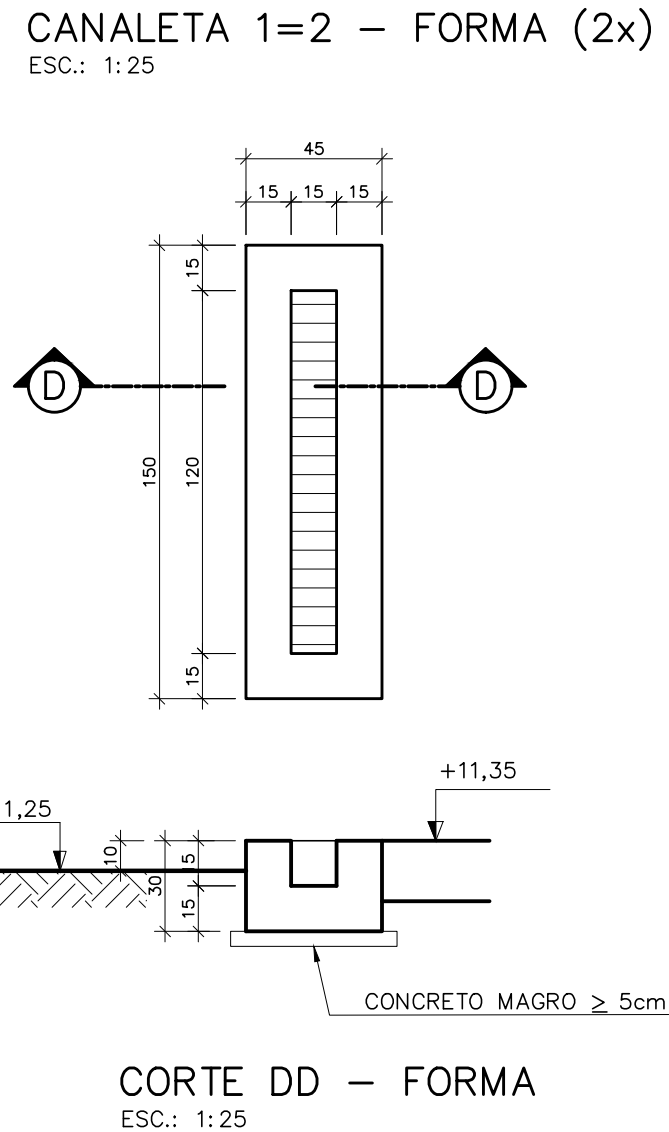
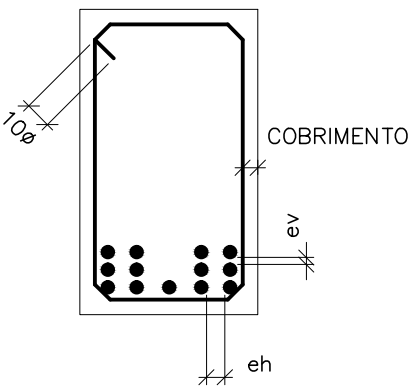


RESUMO AÇO CA-50			
ø(mm)	COMP.(m)	PESO (Kg/m)	TOTAL (Kg)
6.30	278.4	0.25	69.6
10.00	197.4	0.63	123.4
TOTAL			193.0



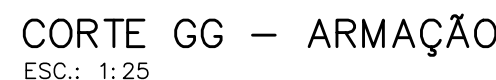
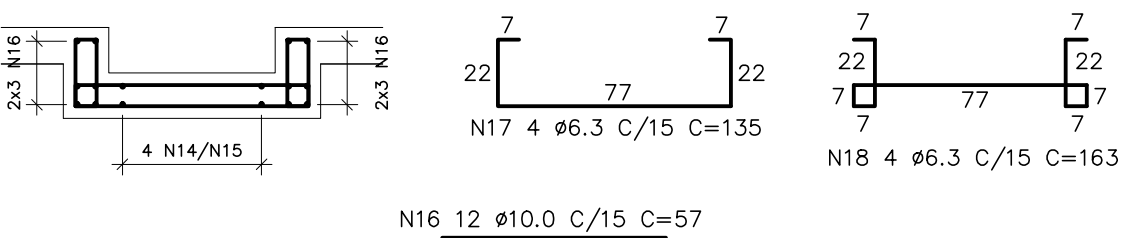
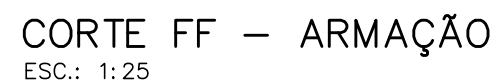
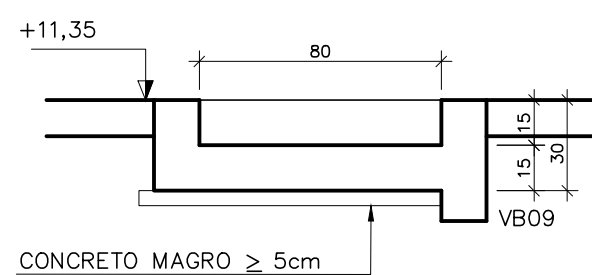
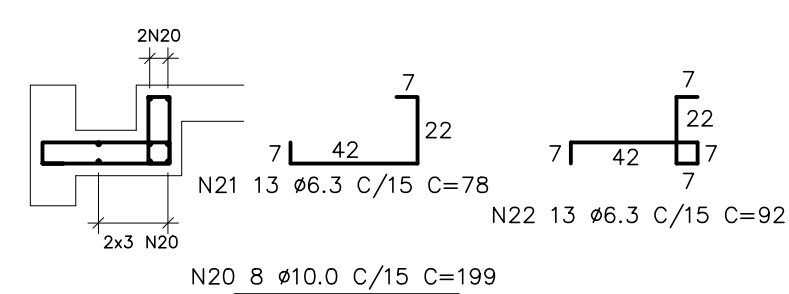
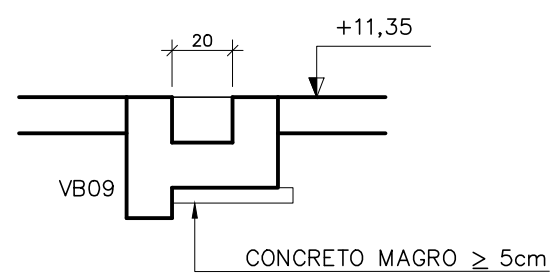
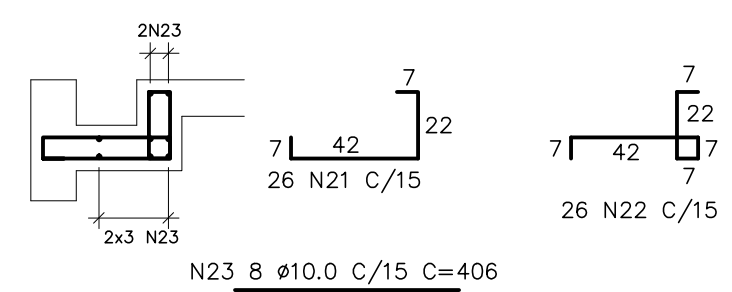
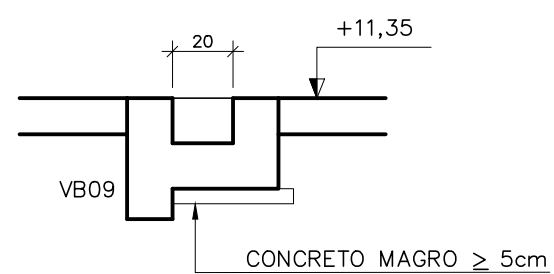
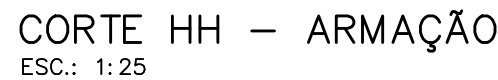
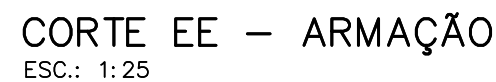
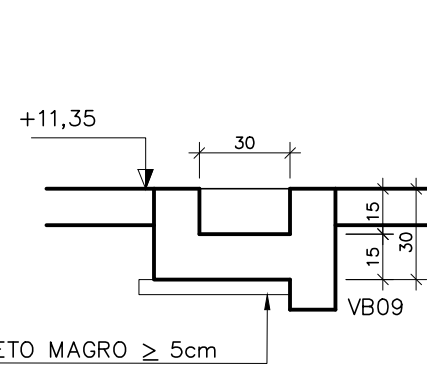
RAIOS (r) INTERNOS MÍNIMOS DE CURVATURA PARA GANCHOS E ESTRIBOS NBR-6118 (ITENS 9.4.2.3/ 9.4.6.1)		
BITOLA Ø	CA-50	CA-60
< 20mm	2.5 Ø	3.0 Ø
> 20mm	4.0 Ø	5.0 Ø
ESTRIBO > 20mm	1.5 Ø	1.5 Ø



\emptyset
 ev > 2cm
 0.5 \emptyset MAX. AGREG.

\emptyset
 eh > 2cm
 1.2 \emptyset MAX. AGREG.

eh > 2cm
1.2 Ø MAX. AGREG.



CANCELA E SUBSTITUI
O DESENHO NÚMERO:

CANCELADO E SUBSTITUI-
TIDO PELO DESENHO
NÚMERO:

EMITENTE: GANEM <i>Engenharia Ltda</i>	
PROJETADO: LAERTE JUNIOR BAPTISTA	COORDENADOR: JULIO CESAR ALI GANEM
CREA: 7616/D REGIÃO: ES	CREA: 24918/D REGIÃO: MG
DESENHO: ANTONIO MARIANI	N° DES. PROJETISTA:
DATA: 20/02/20	_____
RESPONSÁVEL TÉCNICO: LAERTE JUNIOR BAPTISTA	
CREA: 7616/D REGIÃO: ES ART N°: 0802100048160 DATA: 03/19	

DATAS

			
MUNICÍPIO: SANTA LEOPOLDINA		DISTRITO: BARRA DE MANGARAI	BAIRRO: —
NOME DO EMPREENDIMENTO: MELHORIA DO SAA DE BARRA DE MANGARAI			
TÍTULO: SAA DE BARRA DE MANGARAI — ESTAÇÃO DE TRATAMENTO DE ÁGUA			
PROJETO ESTRUTURAL — CASA DE QUÍMICA			
CORTES E CANALETAS — FORMA E ARMADURA			
ESCALA:	FOLHA:	Nº CESAN	REV:
INDICADA	03/06	C-056-003-40-4-XX-0006	0