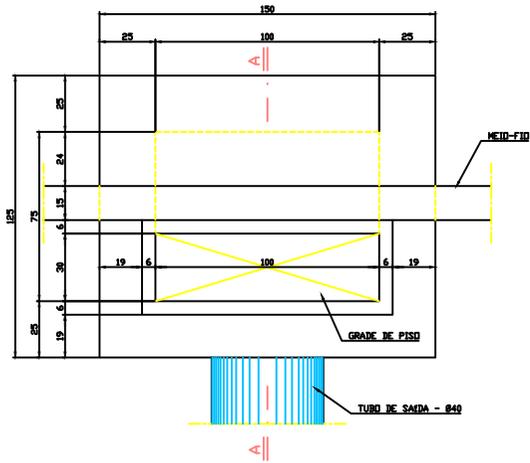
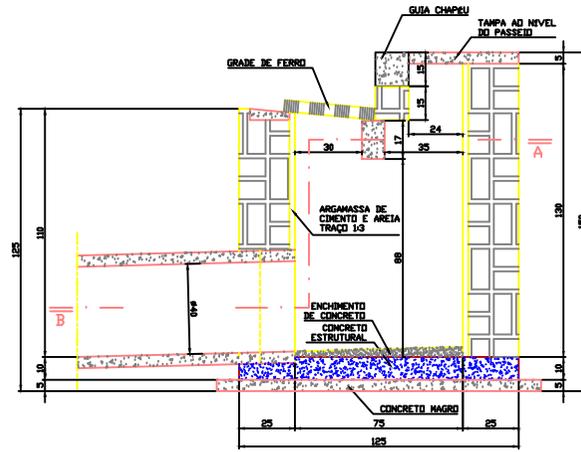


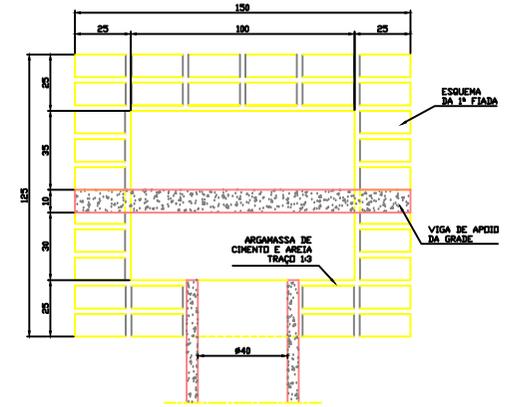
VISTA SUPERIOR



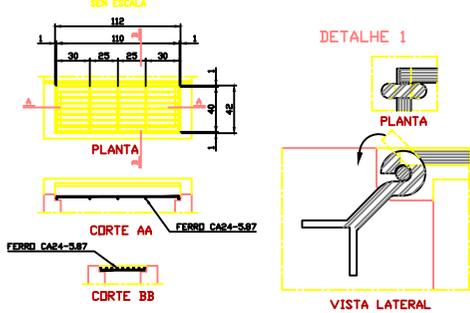
CORTE AA



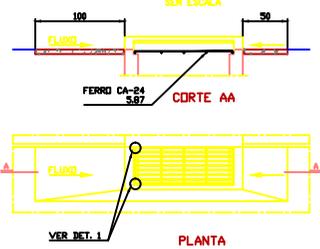
CORTE BB



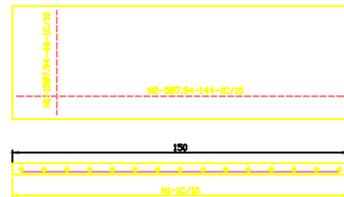
DETALHE DA GRADE



DETALHE DE BOCA DE LOBO COM GRADE



ARMADURA DA TAMPA



ARMADURA DA VIGA DE APOIO



ARMADURA DA BASE

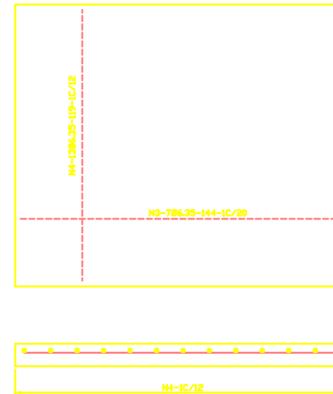


TABELA DAS ARMADURAS

N	Ø (mm)	Q	COMPRIMENTOS		PESOS			
			PARCIAL	TOTAL	kg/m	TOTAL		
1	7.94	15	46	6.90	7.94	14.10	0.388	5.40
2	7.94	5	144	7.20	6.35	28.43	0.248	7.10
3	6.35	7	144	10.08	9.52	3.36	0.599	1.68
4	6.35	13	119	15.47	4.76	3.12	0.140	0.44
5	9.52	2	168	3.36	6.35	2	0.23	0.46
6	6.35	2	144	8.68	4.76	8	0.312	14.82
7	4.76	8	39	3.12				

RESUMO - AÇO CA-50B

ELEMENTOS	QUANT.	UNIDADE
ALVENARIA DE TIJOLOS	1.30	m <sup>3</sup>
CONCRETO ESTRUTURAL	0.565	m <sup>3</sup>
ENCHIMENTO CONCRETO	0.638	m <sup>3</sup>
CONCRETO MAGRO	0.694	m <sup>3</sup>
FORMAS	2.23	m <sup>2</sup>
REVEST. C/ARGAMASSA	4.40	m <sup>2</sup>

NOTAS:

- 1- MEDIDAS EM CENTIMETROS
- 2- SOLDO PREVIAMENTE APILADO PARA ASSENTAMENTO DO CONCRETO MAGRO - TRAÇO 1:3:6
- 3- ALVENARIA DE TIJOLOS MACIÇOS, ASSENTADOS COM ARGAMASSA DE CIMENTO E AREIA - TRAÇO 1:3
- 4- REVESTIMENTO INTERNO COM ARGAMASSA DE CIMENTO E AREIA - TRAÇO 1:3
- 5- CONCRETO ADITADO  $f_{ck}=50\text{kg/cm}^2$
- 6- RECOBRIMENTO DE TODAS AS ARMADURAS EM CONTATO COM O SOLDO = 3cm

**SIQUEIRA CAMPOS** Prefeito/Gestor  
 Fabiano Lopes Bueno

Departamento de Engenharia Municipal

Responsável Técnico: Carlos Alberto Maia Tabalipa  
 Eng. Civil - CR-12.123

Desenhista: Kelly Leal

DATA: 25 de Fevereiro 2014 LOCAL: Siqueira Campos

ESCALA: 1 : 1 0 0 0 PROPRIETÁRIO: Prefeitura Municipal Siqueira Campos

**PROJETO DE GALERIA PLUVIAIS** 02/02