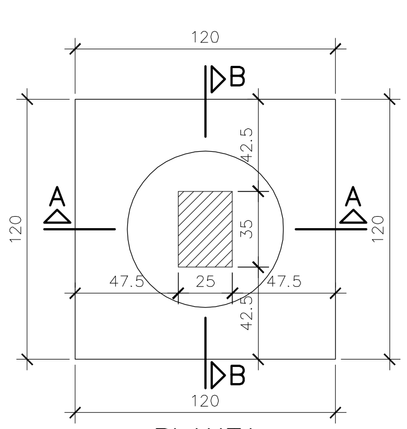
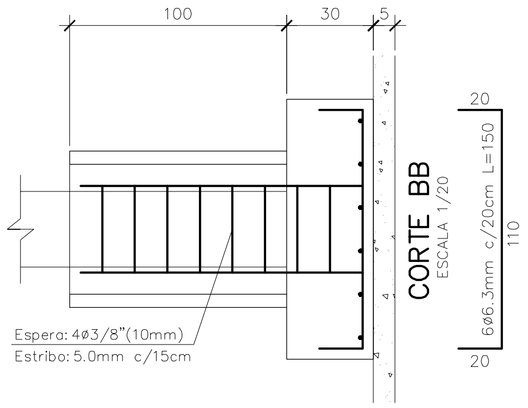
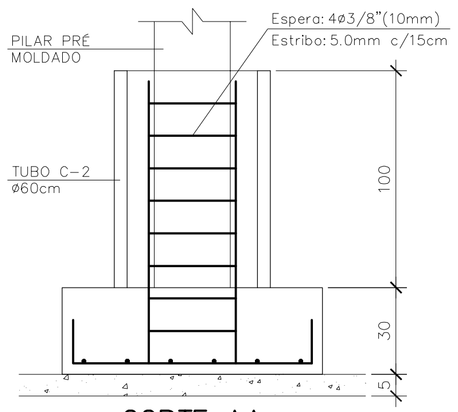
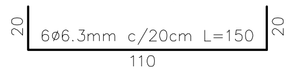


PLANTA
ESCALA 1/20





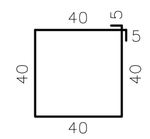
CORTE AA
ESCALA 1/20



Total: 13 sapatas x12 peças = 156 pç

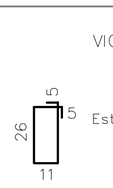
SAPATA CONCRETO (17x)

OBSERVAÇÕES:
Tensão do solo: mín= 0,5 Kgf/cm2
Concreto: Fck mín= 200 Kgf/cm2 (20 Mpa)
Aço: CA-50B p/bitolas >6.3mm
CA-60B p/bitolas até 6.3mm

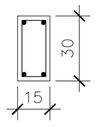


Estribos: 9ø5.0mm c/15cm
L=170cm
Total: 13x9=117 pç

VIGA NAS FUNDAÇÕES:

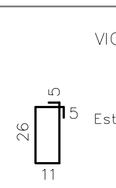


Estribos: 460 pç ø5.0mm c/15cm
L=84cm

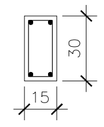


Armadura: 4 ø 3/8"(10mm)

VIGA SOBRE PAREDES:



Estribos: 460 pç ø5.0mm c/15cm
L=84cm

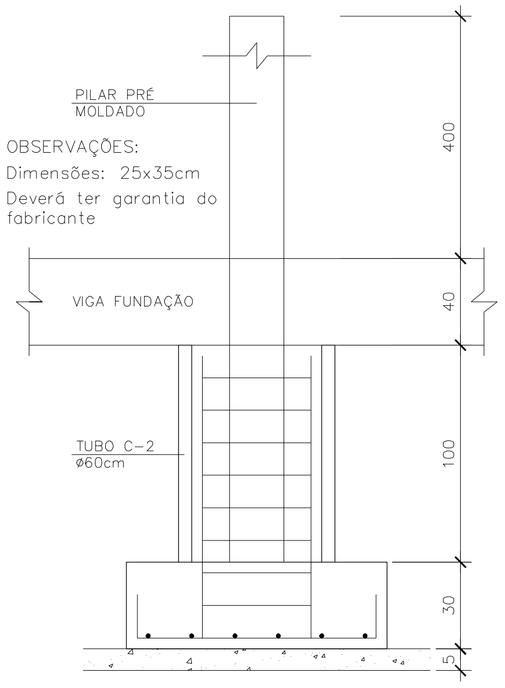


Armadura: 4 ø 5/16"(8mm)

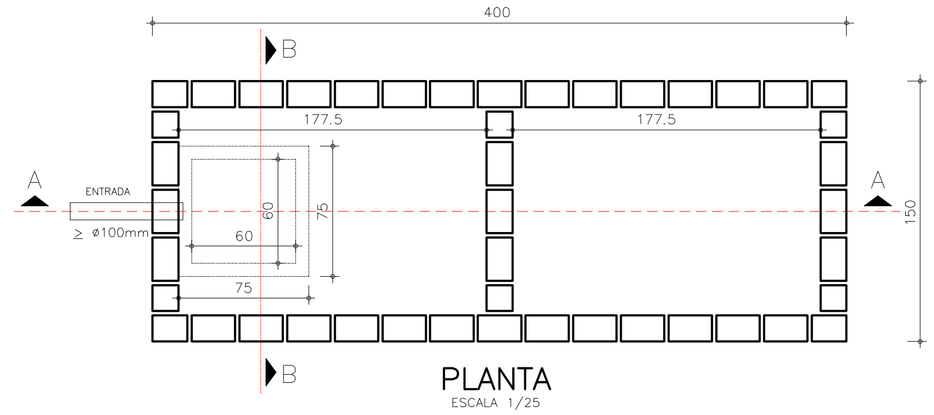
VIGA FUNDAÇÃO-VF
ESCALA 1/20

VIGA CONCRETO-VC
ESCALA 1/20

OBSERVAÇÕES:
Concreto: Fck mín= 200 Kgf/cm2 (20 Mpa)
Aço: CA-50B p/bitolas >6.3mm
CA-60B p/bitolas até 6.3mm



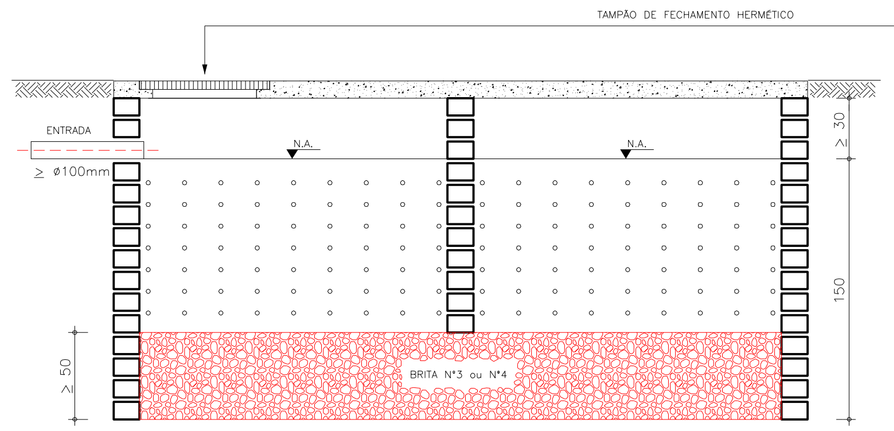
PILAR PRÉ-MODADO(12x)
ESCALA 1/20



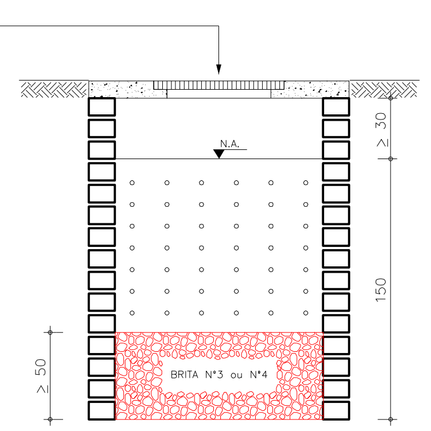
PLANTA
ESCALA 1/25

OBSERVAÇÕES:
Distância máxima na horizontal e vertical entre furos – 20cm
Diâmetro mínimo dos furos – 1,5cm

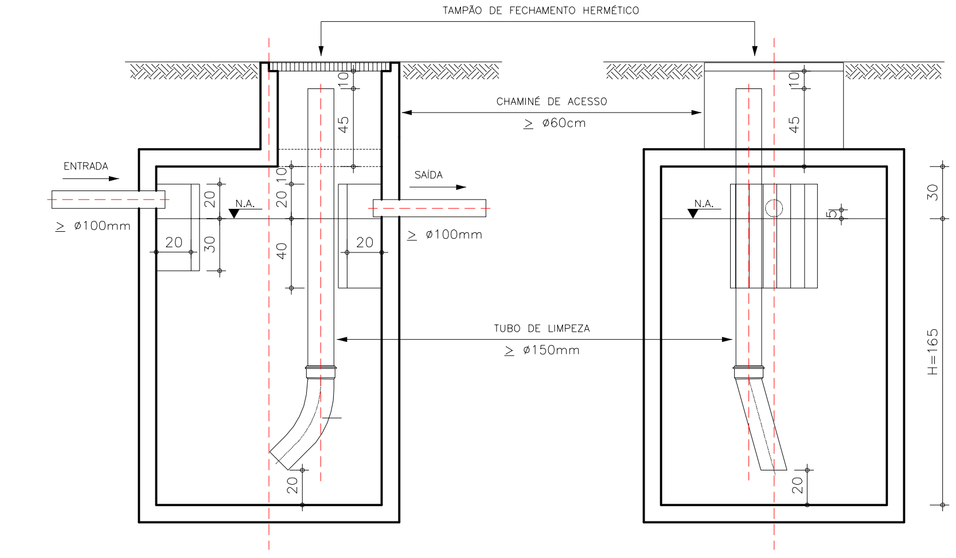
SUMIDOURO



CORTE A-A
ESCALA 1/25

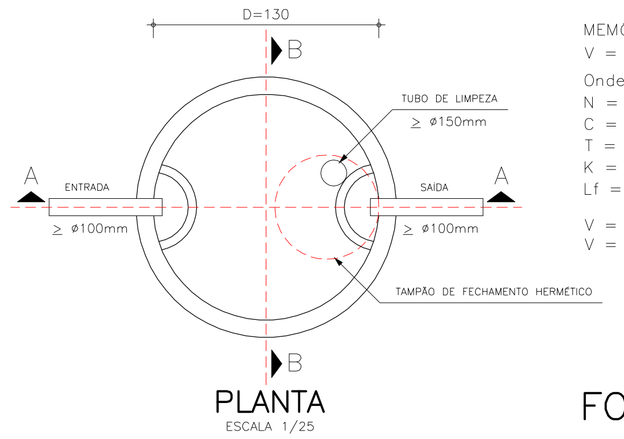


CORTE B-B
ESCALA 1/25



CORTE A-A
ESCALA 1/25

CORTE B-B
ESCALA 1/25



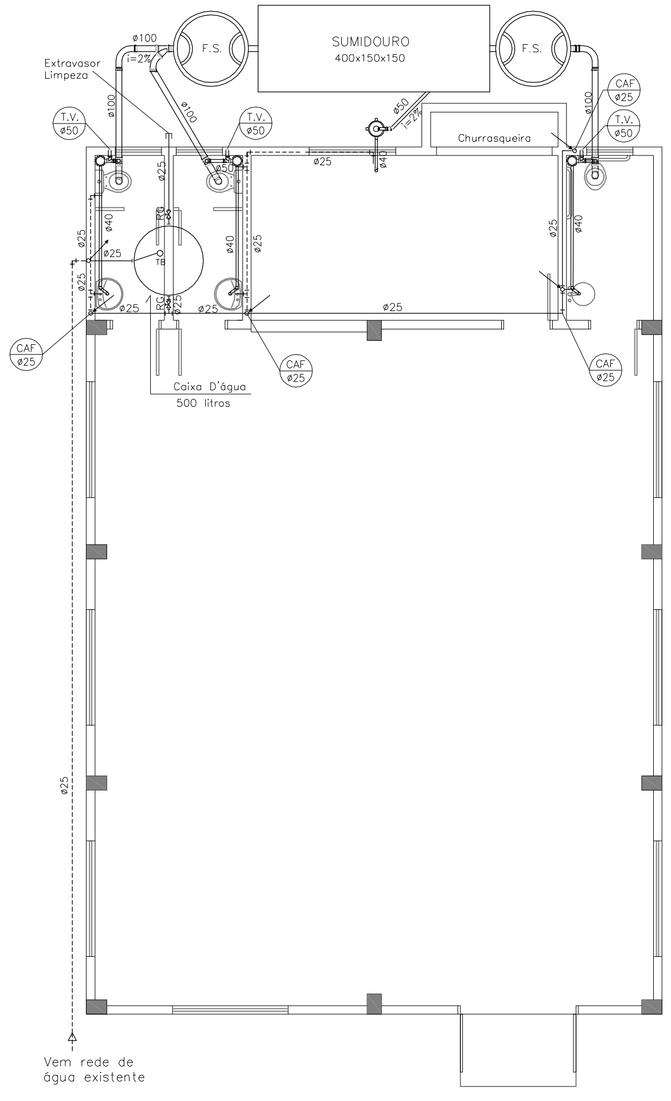
PLANTA
ESCALA 1/25

MEMÓRIA DE CÁLCULO
V = 1000 + N (CxT + KxLf)

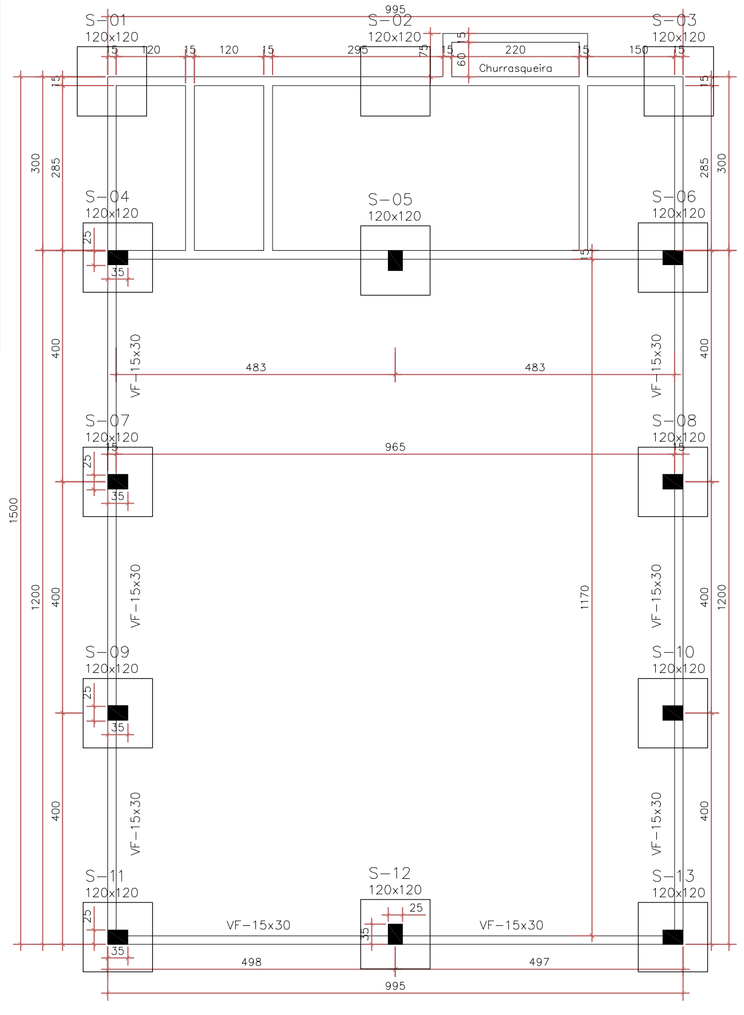
Onde:
N = ocupação domiciliar.....5 pessoas
C = contribuição de despejo....160 l/hab.dia
T = tempo de detenção.....1 dia
K = taxa acum. lodo digerido...65 dias
Lf = contribuição lodo fresco.....1 l/hab.dia

V = 1000 + 5 (160x1 + 65x1)
V = 2.125 litros

FOSSA SÉPTICA



HIDROSSANITÁRIO
ESCALA 1/75



FUNDAÇÕES/FORMAS
ESCALA 1/75

LEGENDA

ÁGUA
- TUBO DE ÁGUA FRIA
- REGISTRO GAVETA
- JOELHO 90 e 45°
- TÊ
- TUBO QUE SOBE
- TUBO QUE DESCE
- TORNEIRA BÓIA

ESGOTO SANITÁRIO
- TUBO PVC ESGOTO
- CURVA 90 e 45°
- JOELHO 90° e 45°
- TÊ
- JUNÇÃO SIMPLES e JUNÇÃO INVERTIDA
- JUNÇÃO DUPLA
- REDUÇÃO EXCÊNTRICA
- TUBO DE QUEDA
- CAIXA DE GORDURA 250x150x50mm
- CAIXA SIFONADA 150x150x50mm
- RALO SIFONADO
- F.S. FOSSA SÉPTICA

Prefeitura de Candelária
Construindo uma vida melhor

Secretaria de Governo e Planejamento
Dep. Engenharia e Arquitetura
Av. Pereira Rego, nº1.665-Centro
Candelária-RS CEP:96930-000
Fone/fax:(51)3743-8100

Obra: CENTRO COMUNITÁRIO RURAL Local: SANGA FUNDA – CANDELÁRIA-RS	Área: 149,24 m2
Prefeitura: PAULO ROBERTO BUTZGE – Prefeito Municipal Resp.Técnico: ANDRÉA CRISTINA PRIEBE – Arquiteta CAU/RS A47097-0	Escala: 1/75 Desenho: ACP
Discriminação: PROJETO HIDROSSANITÁRIO E ESTRUTURAL	Projeto nº: REV 01 Data: 06/06/2018 Prancha nº: 02