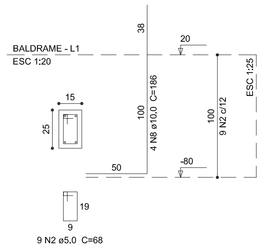
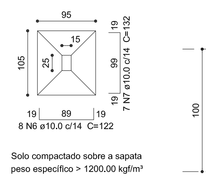
# DETALHAMENTO DE PILARES (FCK - 25 MPa) E SAPATAS (FCK - 20MPa)

P1=P2=P3=P4=P6=P7=P10=P11=P12=P13=P14 =P15=P16=P17=P18=P19=P20=P29=P30=P40 =P41=P43=P44=P47=P48

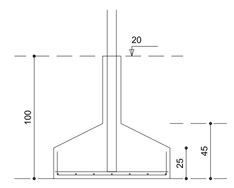



S1=S2=S3=S4=S6=S7=S10=S11=S12=S13=S14 =S15=S16=S17=S18=S19=S20=S29=S30=S40 =S41=S43=S44=S47=S48

PLANTA ESC 1:50

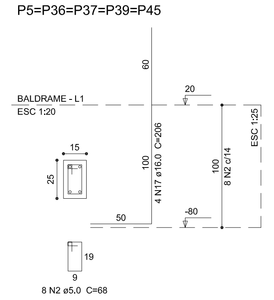



CORTE ESC 1:25



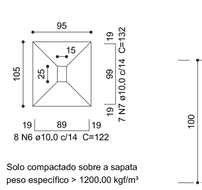
Solo compactado sobre a sapata peso específico > 1200,00 kgf/m³

P5=P36=P37=P39=P45

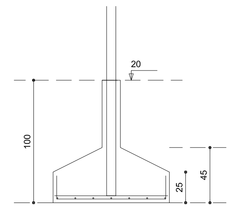



S5=S36=S37=S39=S45

PLANTA ESC 1:50

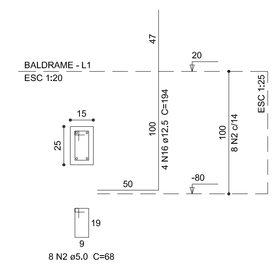



CORTE ESC 1:25



Solo compactado sobre a sapata peso específico > 1200,00 kgf/m³

P8=P9=P22=P23=P32=P38

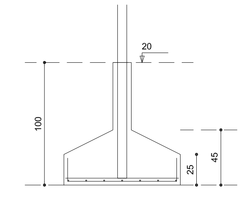



S8=S9=S22=S23=S32=S38

PLANTA ESC 1:50

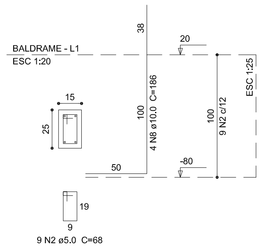



CORTE ESC 1:25



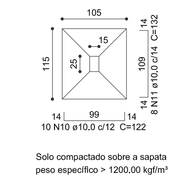
Solo compactado sobre a sapata peso específico > 1200,00 kgf/m³

P21=P25=P42

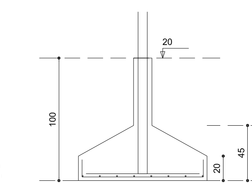



S21=S25=S42

PLANTA ESC 1:50

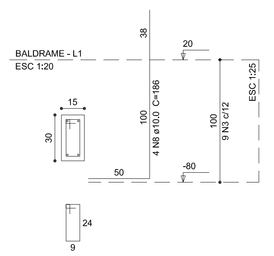



CORTE ESC 1:25



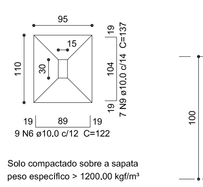
Solo compactado sobre a sapata peso específico > 1200,00 kgf/m³

P24=P33

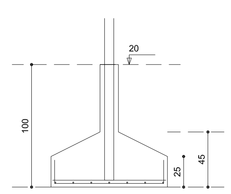



S24=S33

PLANTA ESC 1:50

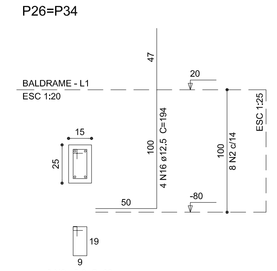



CORTE ESC 1:25



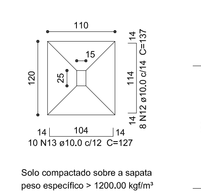
Solo compactado sobre a sapata peso específico > 1200,00 kgf/m³

P26=P34

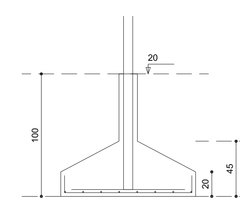



S26=S34

PLANTA ESC 1:50

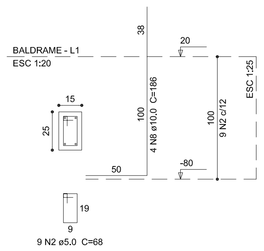



CORTE ESC 1:25



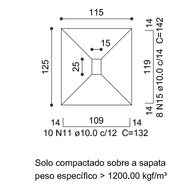
Solo compactado sobre a sapata peso específico > 1200,00 kgf/m³

P27

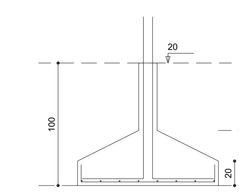



S27

PLANTA ESC 1:50

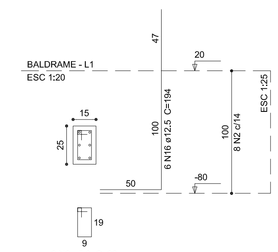



CORTE ESC 1:25



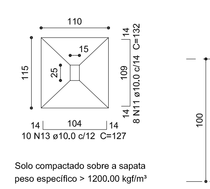
Solo compactado sobre a sapata peso específico > 1200,00 kgf/m³

P28

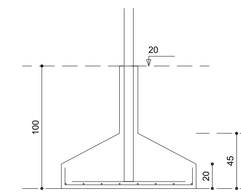



S28

PLANTA ESC 1:50

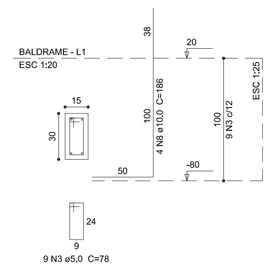



CORTE ESC 1:25



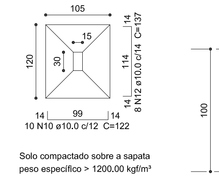
Solo compactado sobre a sapata peso específico > 1200,00 kgf/m³

P31

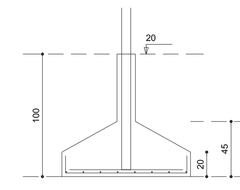



S31

PLANTA ESC 1:50

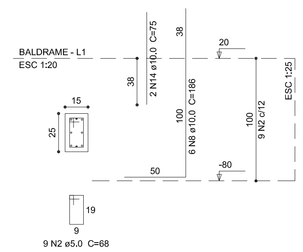



CORTE ESC 1:25



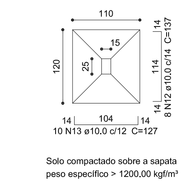
Solo compactado sobre a sapata peso específico > 1200,00 kgf/m³

P35

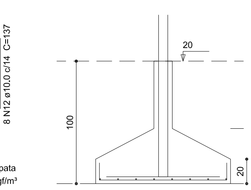



S35

PLANTA ESC 1:50

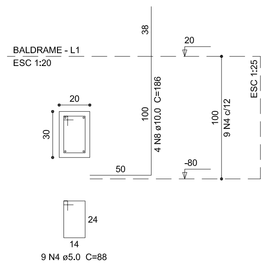



CORTE ESC 1:25



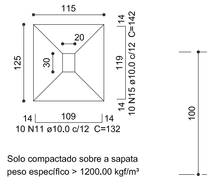
Solo compactado sobre a sapata peso específico > 1200,00 kgf/m³

P46

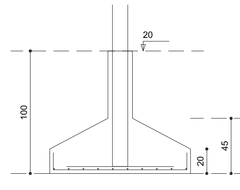



S46

PLANTA ESC 1:50

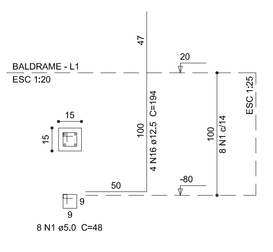



CORTE ESC 1:25



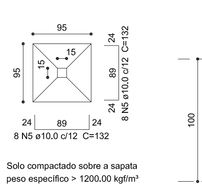
Solo compactado sobre a sapata peso específico > 1200,00 kgf/m³

P49=P50=P51=P52

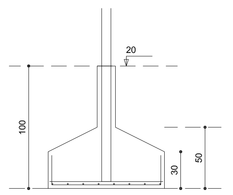



S49=S50=S51=S52

PLANTA ESC 1:50




CORTE ESC 1:25



Solo compactado sobre a sapata peso específico > 1200,00 kgf/m³

## Relação do aço

| | | |
|---|---|---|
| 25xP1 | 5xP5 | 6xP8 |
| 3xP21 | 2xP24 | 2xP26 |
| P27 | P28 | P31 |
| P35 | P46 | 4xP49 |
| 25xS1 | 6xS22 | 2xS24 |
| 3xS25 | 2xS26 | S27 |
| S28 | S31 | S35 |
| 5xS36 | S46 | 4xS49 |

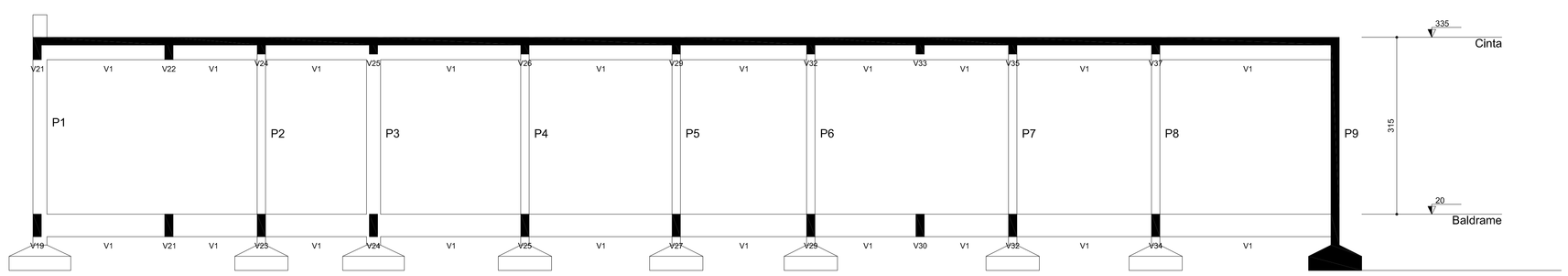
| AÇO | N | DIAM (mm) | QUANT (Barras) | UNIT (cm) | C.TOTAL (cm) |
|---|---|---|---|---|---|
| CA60 | 1 | 5.0 | 32 | 48 | 1536 |
| | 2 | 5.0 | 382 | 68 | 25976 |
| | 3 | 5.0 | 27 | 78 | 2106 |
| | 4 | 5.0 | 9 | 88 | 792 |
| CA50 | 5 | 10.0 | 64 | 132 | 8448 |
| | 6 | 10.0 | 306 | 122 | 37332 |
| | 7 | 10.0 | 252 | 132 | 33264 |
| | 8 | 10.0 | 138 | 186 | 25668 |
| | 9 | 10.0 | 14 | 137 | 1918 |
| | 10 | 10.0 | 40 | 122 | 4880 |
| | 11 | 10.0 | 52 | 132 | 6864 |
| | 12 | 10.0 | 32 | 137 | 4384 |
| | 13 | 10.0 | 40 | 127 | 5080 |
| | 14 | 10.0 | 2 | 75 | 150 |
| | 15 | 10.0 | 18 | 142 | 2556 |
| | 16 | 12.5 | 54 | 194 | 10476 |
| | 17 | 16.0 | 20 | 206 | 4120 |

## Resumo do aço

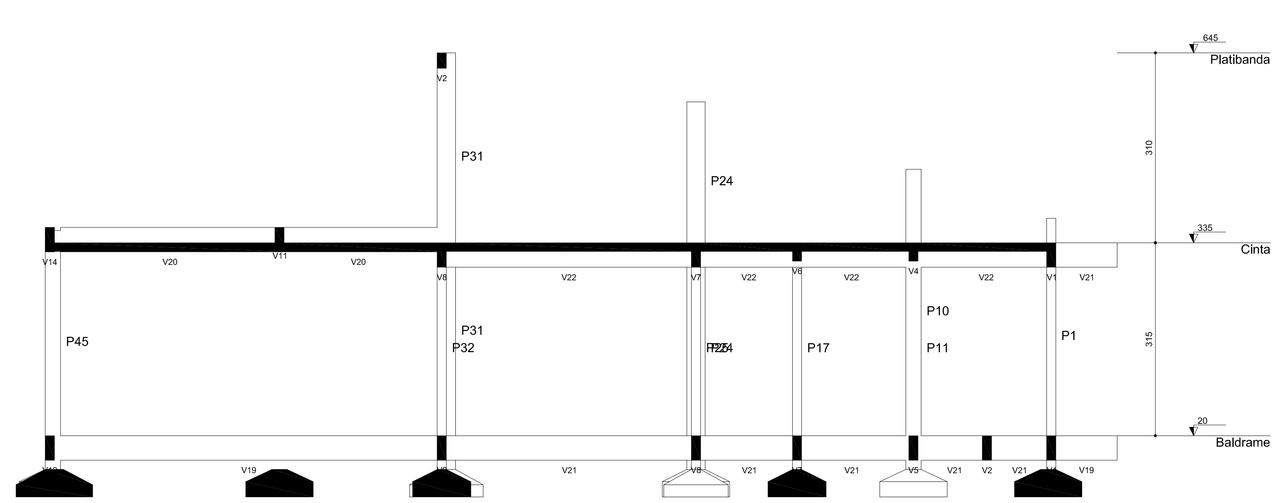
| AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 10 % (kg) |
|---|---|---|---|
| CA50 | 10.0 | 1305.5 | 885.3 |
| | 12.5 | 104.8 | 111 |
| | 16.0 | 41.2 | 71.5 |
| CA60 | 5.0 | 304.1 | 51.6 |

| PESO TOTAL (kg) | |
|---|---|
| CA50 | 1067.9 |
| CA60 | 51.6 |

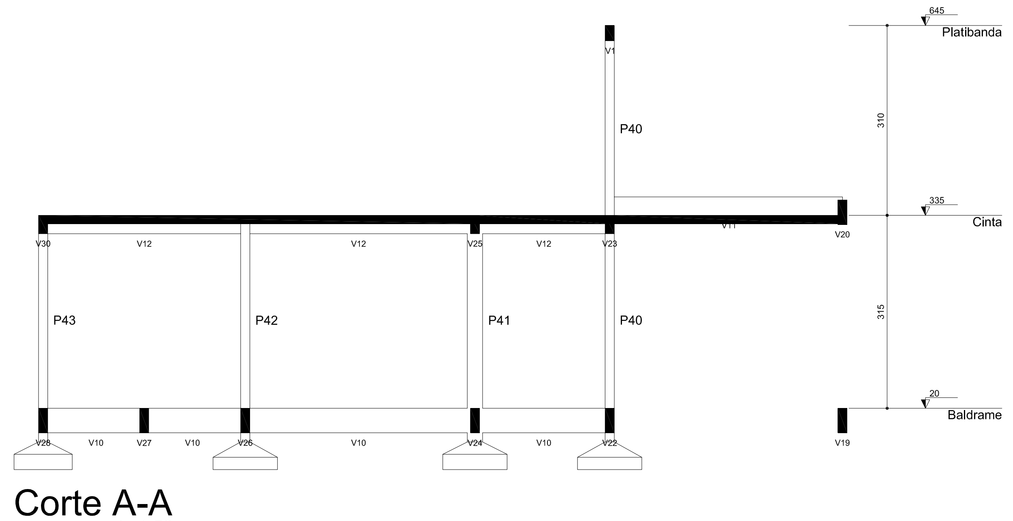
Volume de concreto (C-25) = 1.93 m³
Volume de concreto (C-20) = 17.69 m³
Área de forma = 93.03 m²




## Corte B-B
escala 1:50




## Corte C-C
escala 1:50




## Corte A-A
escala 1:50


AMUNESC

**Associação de Municípios do Nordeste do Estado de Santa Catarina**
89216-000 - JOINVILLE - SC - Rua Max Colin, 1843 - América - Fone: 0**47 433-3927
ASSESSORIA E COORDENADORIA DE PLANEJAMENTO URBANO, MUNICIPAL E REGIONAL
home page : www.amunesc.org.br CREA SC 48.825-4

Equipe Técnica:
Arquitetas TÁBATA YUMI FUJIOKA
NATHALIA DE SOUZA ZATTAR
Engenheiras Civis ANE LEBE DALL´AGNOL ALVES DEBASTIANI
FABIOLA BARBI DE ALMEIDA
Técnico em Edificações MARCOS STADELHOFER
Estagiaria de Arquitetura PATRICIA MARTINS DE OLIVEIRA


Projeto: UNIDADE BÁSICA DE SAÚDE DA FAMÍLIA - GEÓRGIA PAULA
PROJETO ESTRUTURAL
Área total à construir : 330,51m2

Terreno: PREFEITURA MUNICIPAL DE GARUVA
Endereço : RUA DEODORO DE CARVALHO - GEÓRGIA PAULA - GARUVA/SC
Inscrição imobiliária :
Área do lote : Testada do lote : Zona de uso :

Identificações e Assinaturas:
SOLICITAÇÃO : PREFEITO MUNICIPAL DE GARUVA — ASSINATURA PREFEITO MUNICIPAL :
PROJETO : Fabiola Barbi de Almeida Constante Eng.ª Civil - CREA 50.942-4 — ASSINATURA RESPONSÁVEL PELO PROJETO :
EXECUÇÃO : — ASSINATURA RESPONSÁVEL PELA EXECUÇÃO :

Prancha:
Informações
Desenho: Marcos
Nome do Arquivo:
Escala: Indicada
Data: Junho de 2014

CONTEÚDO DA PRANCHA: Cortes e Detalhes de Pilares - Sapatas

NÚMERO PRL: ES 02/10