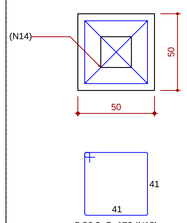
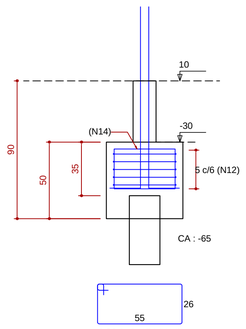
## B1=B2=B3=B5=B7=B9=B10=B11=B12=B13=B15 =B17=B18=B19=B20=B22=B23=B24=B25=B27 =B29=B30
1xR20

PLANTA
ESC 1:20



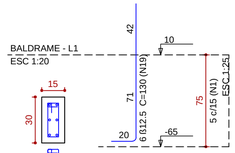

5 ß6.3 C=176 (N12)

CORTE
ESC 1:20



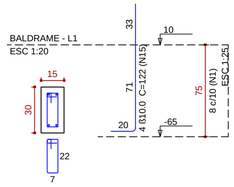

2 ß8.0 C=174 (N14)

## P1=P11=P20=P22=P30
BALDRAME - L1
ESC 1:20



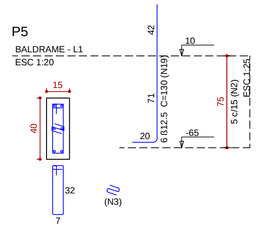

5 ß5.0 C=70 (N1)

## P2=P3=P7=P10=P12=P13= =P15=P17=P18=P19=P27= =P29
BALDRAME - L1
ESC 1:20



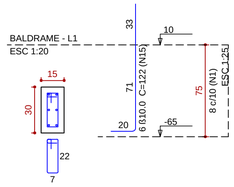

8 ß5.0 C=70 (N1)

## P5
BALDRAME - L1
ESC 1:20



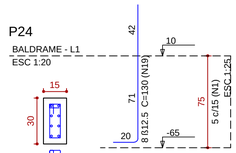

5 ß5.0 C=90 (N2)
5 ß5.0 C=22 (N3)

## P9=P23=P25
BALDRAME - L1
ESC 1:20




8 ß5.0 C=70 (N1)

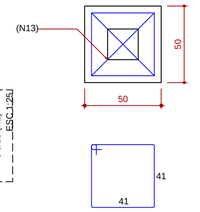
## P24
BALDRAME - L1
ESC 1:20




5 ß5.0 C=70 (N1)

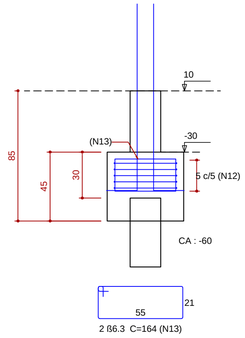
## B4=B6=B8=B14=B28
1xR20

PLANTA
ESC 1:20




5 ß6.3 C=176 (N12)

CORTE
ESC 1:20




2 ß6.3 C=164 (N13)

## Rela- «o do a- o

| | | |
|---|---|---|
| 2xB21 | B26 | 5xB28 |
| 22xB29 | 5xP1 | 12xP2 |
| P4 | P5 | 3xP6 |
| 3xP9 | P16 | P21 |
| P24 | P26 | P28 |

| Aç O | N | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
|---|---|---|---|---|---|
| CA60 | 1 | 5.0 | 171 | 70 | 11970 |
| | 2 | 5.0 | 5 | 90 | 450 |
| | 3 | 5.0 | 5 | 22 | 110 |
| | 4 | 5.0 | 5 | 100 | 500 |
| | 5 | 5.0 | 5 | 27 | 135 |
| | 6 | 5.0 | 21 | 78 | 1638 |
| | 7 | 5.0 | 5 | 80 | 400 |
| | 8 | 5.0 | 8 | 140 | 1120 |
| | 9 | 5.0 | 8 | 110 | 880 |
| | 10 | 5.0 | 10 | 296 | 2960 |
| | 11 | 5.0 | 10 | 134 | 1340 |
| CA50 | 12 | 6.3 | 140 | 176 | 24640 |
| | 13 | 6.3 | 10 | 164 | 1640 |
| | 14 | 8.0 | 46 | 174 | 8004 |
| | 15 | 10.0 | 66 | 122 | 8052 |
| | 16 | 10.0 | 22 | 117 | 2574 |
| | 17 | 10.0 | 8 | 137 | 1096 |
| | 18 | 10.0 | 4 | 132 | 528 |
| | 19 | 12.5 | 44 | 130 | 5720 |
| | 20 | 12.5 | 6 | 78 | 468 |
| | 21 | 12.5 | 6 | 83 | 498 |
| | 22 | 12.5 | 12 | 125 | 1500 |

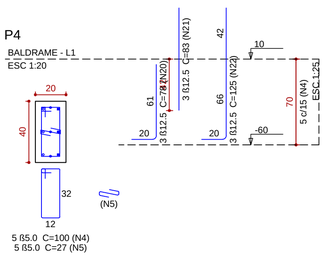
## Resumo do a- o

| Aç O | DIAM (mm) | C.TOTAL (m) | QUANT + 10 % (Barras) | PESO + 10 % (kg) |
|---|---|---|---|---|
| CA50 | 6.3 | 262.8 | 25 | 70.7 |
| | 8.0 | 80.1 | 8 | 34.7 |
| | 10.0 | 122.5 | 12 | 83.1 |
| | 12.5 | 81.9 | 8 | 86.7 |
| CA60 | 5.0 | 215.1 | 20 | 36.5 |

| PESO TOTAL (kg) | |
|---|---|
| CA50 | 275.3 |
| CA60 | 36.5 |

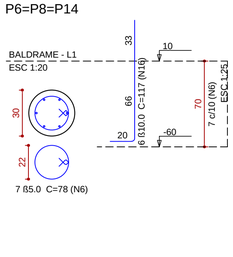
Volume de concreto (C-20) = 3.74 mł
Volume de concreto (C-30) = 1.1 mł
Crea de forma = 50.92 mł

## P4
BALDRAME - L1
ESC 1:20



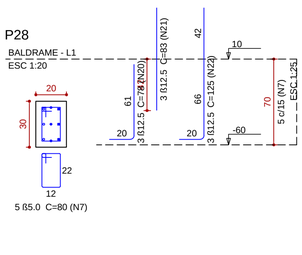

5 ß5.0 C=100 (N4)
5 ß5.0 C=27 (N5)

## P6=P8=P14
BALDRAME - L1
ESC 1:20




7 ß5.0 C=78 (N6)

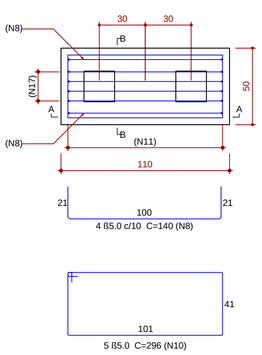
## P28
BALDRAME - L1
ESC 1:20




5 ß5.0 C=80 (N7)

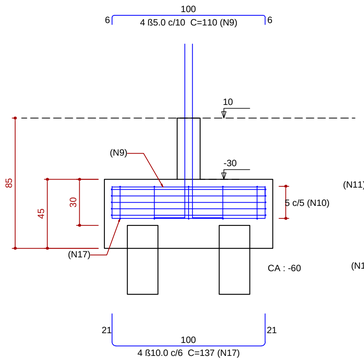
## B16=B21
2xR20

PLANTA
ESC 1:20

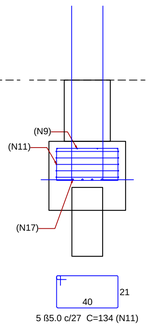



5 ß5.0 C=296 (N10)

CORTE A-A
ESC 1:20

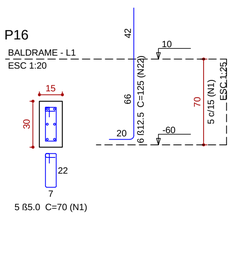



CORTE B-B
ESC 1:20




5 ß5.0 c/27 C=134 (N11)

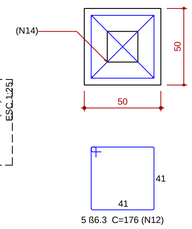
## P16
BALDRAME - L1
ESC 1:20




5 ß5.0 C=70 (N1)

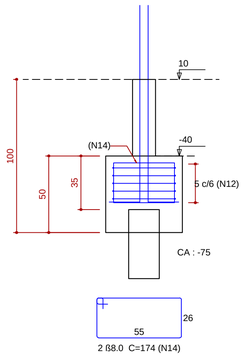
## B26
1xR20

PLANTA
ESC 1:20



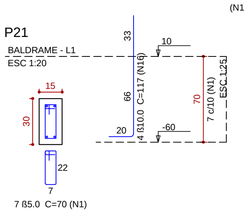

5 ß6.3 C=176 (N12)

CORTE
ESC 1:20



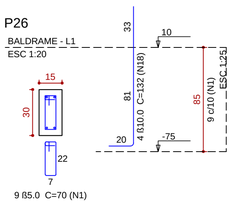

2 ß8.0 C=174 (N14)

## P21
BALDRAME - L1
ESC 1:20




7 ß5.0 C=70 (N1)

## P26
BALDRAME - L1
ESC 1:20




9 ß5.0 C=70 (N1)

DEINFRA

# ESTADO DE SANTA CATARINA
SECRETARIA DE ESTADO DA INFRA ESTRUTURA
DEPARTAMENTO ESTADUAL DE INFRA ESTRUTURA
DIRETORIA DE OBRAS CIVIS - DIOC

DIOC

NOME DO PROJETO : SST - SECRETARIA DE ESTADO DA ASSISTąNCIA SOCIAL, TRABALHO E HABITAç êO
REF.:

LOCAL: DIVERSAS LOCALIDADES DO ESTADO

TIPO DE PROJETO: ESTRUTURAL

CARACTERíSTICAS: PROJETO PADRëO - CREAS

ARMADURAS DOS BLOCOS

PAVIMENTO: BALDRAME

5

AUTOR DO PROJETO: ENG. CIVIL ROBERTO DANIEL GEVAERD
CREA/SC 041750-9

AVALIUS ENGENHARIA E AVALIAç ì ES LTDA

18

CREA: 220,04 mł | ESCALA: INDICADA | DATA: ABRIL/2017 | DES. EDVANIO PACHECO

FORMATO A1 - INTERNO: 801 x 574 mm.
EXTERNO: 841 x 594 mm.