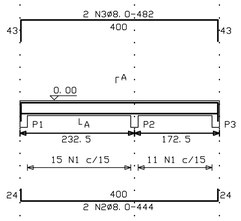
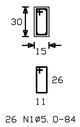
## V1=V2=V5

1:50



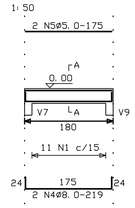

SECAO A-A
ESC 1:25



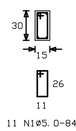

26 N1ø5. 0-84

## V3

1:50



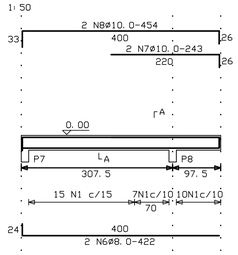

SECAO A-A
ESC 1:25



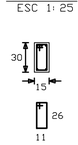

11 N1ø5. 0-84

## V4

1:50



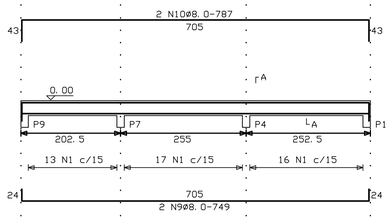

SECAO A-A
ESC 1:25



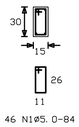

32 N1ø5. 0-84

## V6=V10

1:50



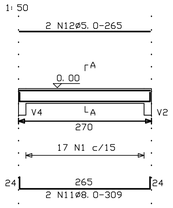

SECAO A-A
ESC 1:25



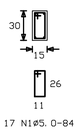

46 N1ø5. 0-84

## V7

1:50



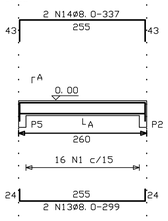

SECAO A-A
ESC 1:25



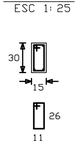

17 N1ø5. 0-84

## V8

1:50



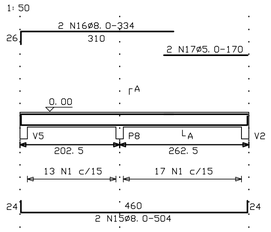

SECAO A-A
ESC 1:25



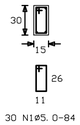

16 N1ø5. 0-84

## V9

1:50



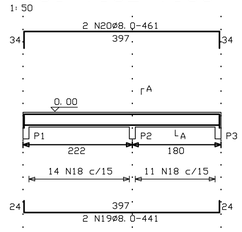

SECAO A-A
ESC 1:25



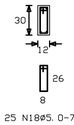

30 N1ø5. 0-84

## V101=V102=V103

1:50



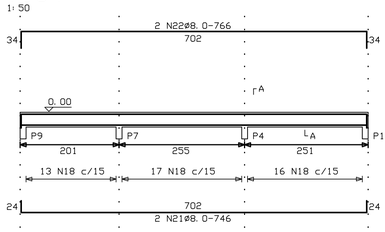

SECAO A-A
ESC 1:25



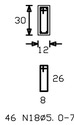

25 N18ø5. 0-78

## V104

1:50



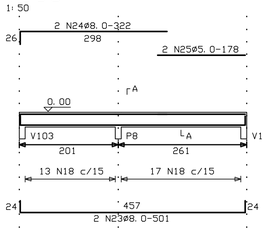

SECAO A-A
ESC 1:25



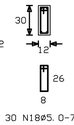

46 N18ø5. 0-78

## V105

1:50



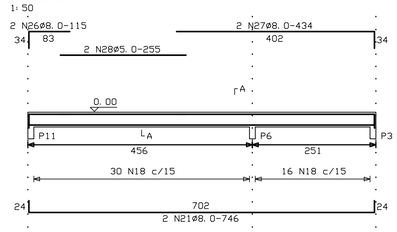

SECAO A-A
ESC 1:25



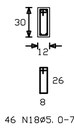

30 N18ø5. 0-78

## V106

1:50




SECAO A-A
ESC 1:25




46 N18ø5. 0-78

RELACAO DO ACO

3x V1
2x V6
V9
V105
V3
3x V101
V106
V4
V7
V8
V104

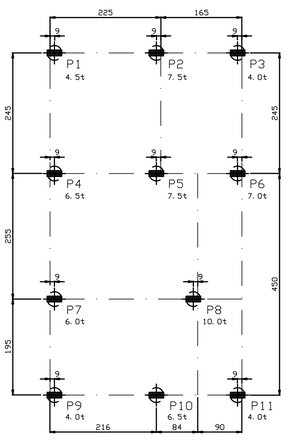
| ACO | N | DIAM. | Q. | UNIT (cm) | C. TOTAL (cm) |
|---|---|---|---|---|---|
| 50B | 2 | 8.0 | 6 | 444 | 2664 |
| | 3 | 8.0 | 6 | 482 | 2892 |
| | 4 | 8.0 | 2 | 219 | 438 |
| | 6 | 8.0 | 2 | 422 | 844 |
| | 9 | 8.0 | 4 | 749 | 2996 |
| | 10 | 8.0 | 4 | 787 | 3148 |
| | 11 | 8.0 | 2 | 309 | 618 |
| | 13 | 8.0 | 2 | 299 | 598 |
| | 14 | 8.0 | 2 | 337 | 674 |
| | 15 | 8.0 | 2 | 504 | 1008 |
| | 16 | 8.0 | 2 | 334 | 668 |
| | 19 | 8.0 | 6 | 441 | 2646 |
| | 20 | 8.0 | 6 | 461 | 2766 |
| | 21 | 8.0 | 4 | 746 | 2984 |
| | 22 | 8.0 | 2 | 766 | 1532 |
| | 23 | 8.0 | 2 | 501 | 1002 |
| | 24 | 8.0 | 2 | 322 | 644 |
| | 26 | 8.0 | 2 | 115 | 230 |
| | 27 | 8.0 | 2 | 434 | 868 |
| | 7 | 10.0 | 2 | 243 | 486 |
| | 8 | 10.0 | 2 | 454 | 908 |
| 60 | 1 | 5.0 | 276 | 84 | 23184 |
| | 5 | 5.0 | 2 | 175 | 350 |
| | 12 | 5.0 | 2 | 265 | 530 |
| | 17 | 5.0 | 2 | 170 | 340 |
| | 18 | 5.0 | 197 | 78 | 15366 |
| | 25 | 5.0 | 2 | 178 | 356 |
| | 28 | 5.0 | 2 | 255 | 510 |

RESUMO DO ACO - VIGAS

| ACO | DIAM. | C. TOTAL (m) | PESO+ 5% (kgf) |
|---|---|---|---|
| CA50B | 8.0 | 292.2 | 121 |
| CA50B | 10.0 | 13.9 | 9 |
| CA60 | 5.0 | 406.3 | 67 |

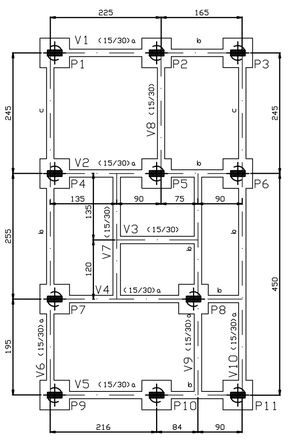
| PESO TOTAL | |
|---|---|
| CA50B | 130 kgf |
| CA60 | 67 kgf |

Vol. concreto total = 3.01 m3
Area de forma total = 53.80 m2
fck = 200.00 kgf/cm2



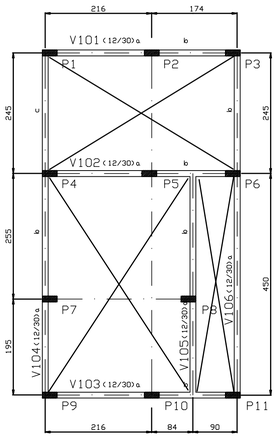

## LOCACAO E CARGAS

ESC. 1:50



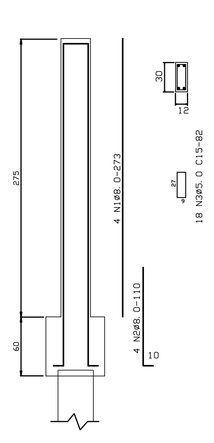

## BALDRAMES

ESC. 1:50



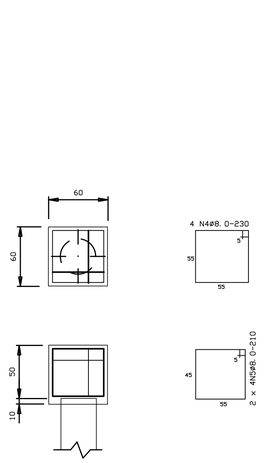

## COBERTURA

ESC. 1:50



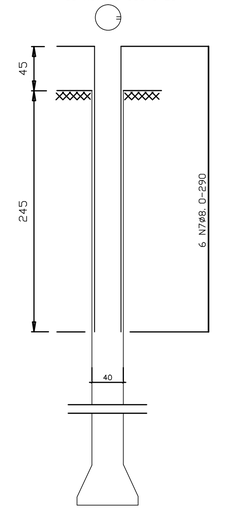

## PILARES (11x)

ESC. 1:25




## BLOCOS (11x)

ESC. 1:25




## ESTACAS (11x)

ESC. 1:25

RELACAO DO ACO

| ACO | N | DIAM. | Q. | UNIT (cm) | C. TOTAL (cm) |
|---|---|---|---|---|---|
| 50B | 1 | 8.0 | 44 | 273 | 12012 |
| | 2 | 8.0 | 44 | 110 | 4840 |
| | 4 | 8.0 | 44 | 230 | 10120 |
| | 5 | 8.0 | 88 | 210 | 18480 |
| | 7 | 8.0 | 66 | 290 | 19140 |
| 60 | 3 | 5.0 | 198 | 82 | 16236 |
| | 6 | 6.0 | 165 | 135 | 22275 |

RESUMO DO ACO - PILAR, BLOCO E ESTACA

| ACO | DIAM. | C. TOTAL (m) | PESO+ 5% (kgf) |
|---|---|---|---|
| CA50B | 8.0 | 645.9 | 271 |
| CA60 | 5.0 | 162.4 | 28 |
| CA60 | 6.0 | 222.8 | 59 |

| PESO TOTAL | |
|---|---|
| CA50B | 271 kgf |
| CA60 | 87 kgf |

Vol. concreto total = 11.30 m3
Area de forma total = 41.35 m2
fck = 200.00 kgf/cm2

| No. | Data | Discriminação | Verificação | Aprovação |
|---|---|---|---|---|
| 0 | 09/08 | EMISSÃO | | |

Revisões

| No. Documento | Titulos |
|---|---|

Documentos de Referência

Observações

1 - AS ESTACAS SERAO EXECUTADAS A TRADO COM DIAMETRO DO FUSTE ØF=40cm.
2 - A PREVISAO DE PROFUNDIDADE DAS ESTACAS E DE 5.00m.

Desenhista

Projetista

Data

senha engenharia

| | | | RUBRICA |
|---|---|---|---|
| DATA 09/08 | DES/PROJ | Alex Sandro | |
| | | Tânia Franco - CREA nº 5235/D-GO<br>Karla Isabella - CREA nº 12.600/D-DF | |
| | ENC/CONF | Carlos Joadir Mendes<br>CREA nº 2127/D-DF | |
| | | Francisco Humberto R. do Cunha - CREA nº 3.706/D-GO<br>Porfirio José Borges Alves Neto - CREA nº 7.792/D-GO | |
| ESCALA/PRAZO 1:107-001 | CODIFICAÇÃO | IDENTIFICAÇÃO P A A T E P A D 0 2 D 0 0 | |

11ª Avenida, Nº 817, Setor Universitário, Goiânia, Goiás - Fone (62)3202-4777 - E-mail: senha@cultura.com.br

CODEVASF

MINISTÉRIO DA INTEGRAÇÃO NACIONAL
COMPANHIA DE DESENVOLVIMENTO DOS VALES DO SÃO FRANCISCO E DO PARNAÍBA
5ª SUPERINTENDÊNCIA REGIONAL

| | | | |
|---|---|---|---|
| DES/DSPA: | DATA: 09/08 | LOCAL/CIDADE: PÃO DE AÇUCAR/CONCEIÇÃO | ORIGEM: Senha |
| PROJ/CONFERE: | | CONTEÚDO: SISTEMA DE ABASTECIMENTO DE ÁGUA<br>DIAGNÓSTICO E ESTUDO DE ALTERNATIVAS | NÚMERO DE ORIGEM: PA/A/T/EPA/002 |
| ZUNTAMENTO: | | | HISTÓRICO(alteração): 000 |
| GESTOR: | | AREA DA ETA<br>ESTRUTURA DE CONCRETO | ESCALA: Indicada |
| GERÊNCIA: | | ESTRUTURA:<br>VIGAS, LOCAÇÃO e CARGAS, BALDRAMES, COBETURA, PILARES<br>BLOCOS e ESTACAS | FOLHA: 02/10 |
| COORDENADOR: Engº Alexandre Francisco da Silva<br>DEC 1128/2008 | | | NÚMERO DO CONTRATO: 0.06.08.0161-00 |