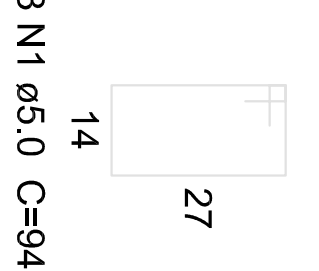
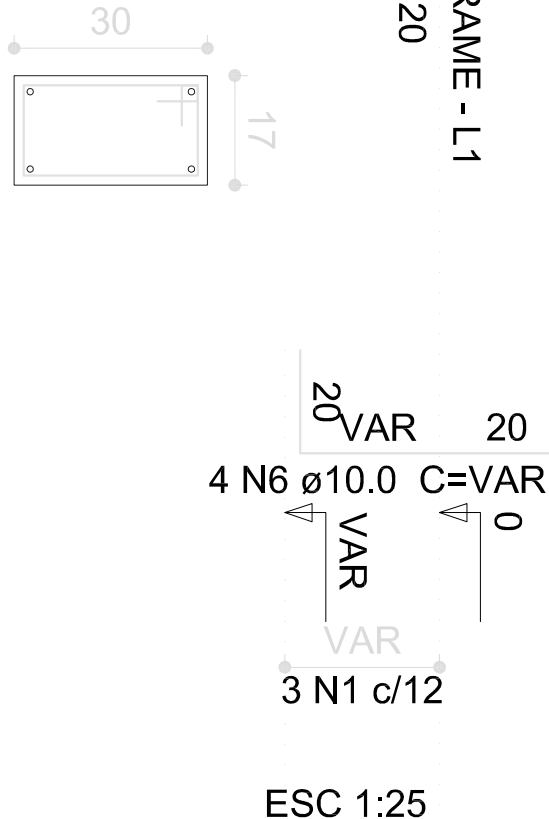
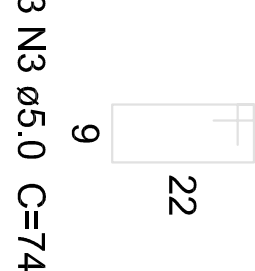
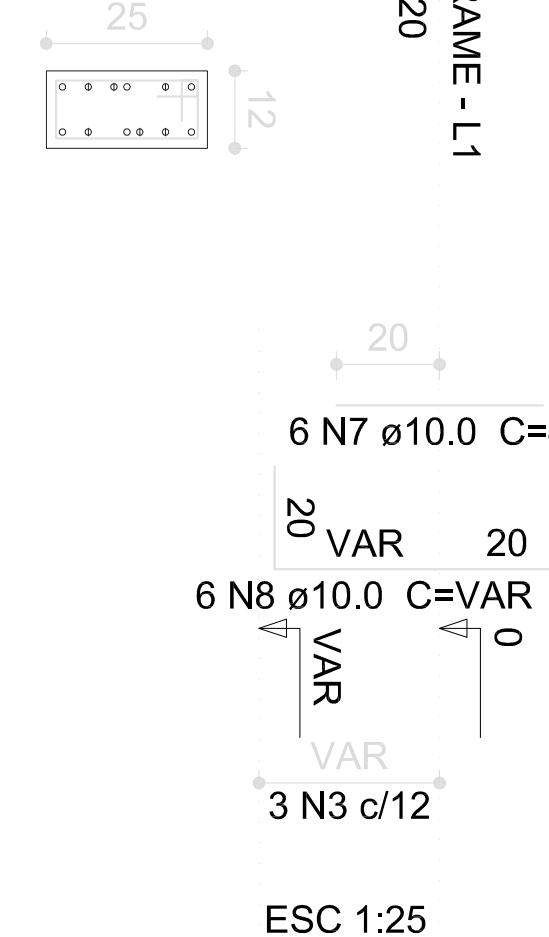


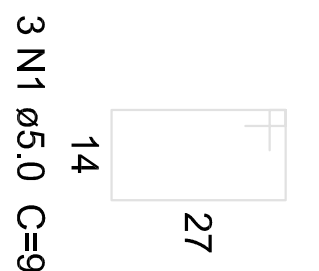
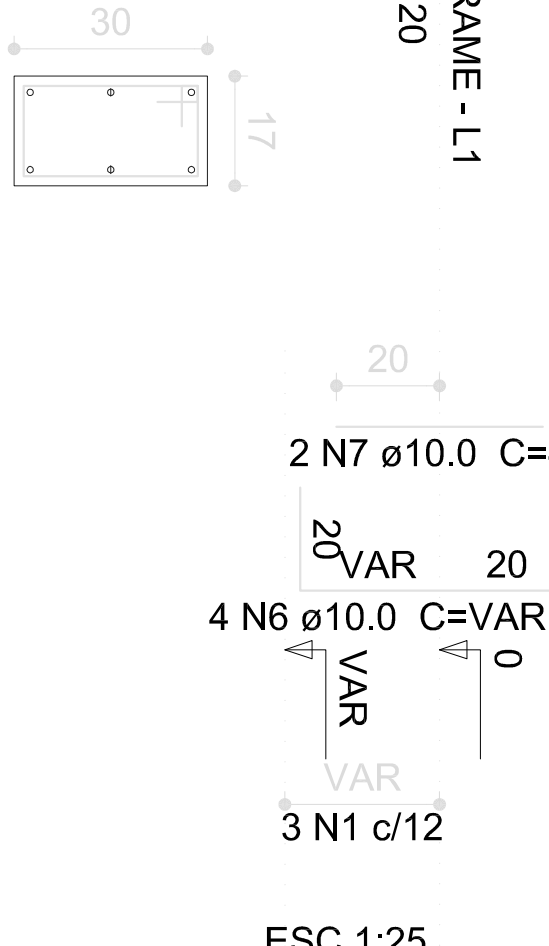
P1=P2=P3=P4=P8=P15=P19=P21=P23=P25



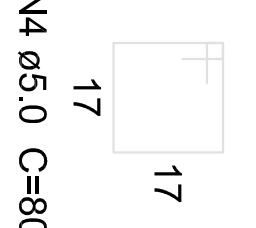
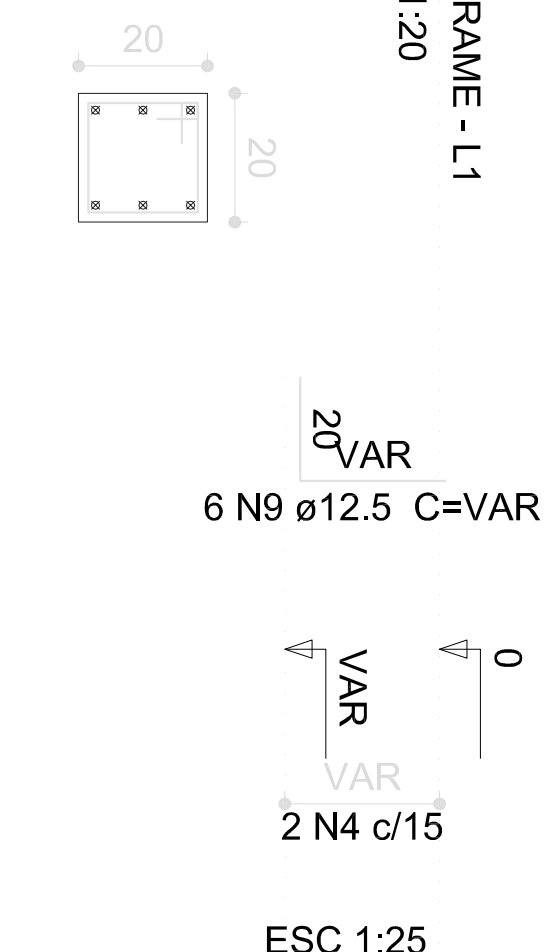
P17



P26



P6



Relação do aço

| | | | | | |
|-------|-------|-----------|----------------|-----------|--------------|
| 10xP1 | 2xP5 | P6 | | | |
| 6xP9 | 3xP11 | P17 | | | |
| 2xP18 | P26 | | | | |
| ACO | N | DIAM (mm) | QUANT (Barras) | UNIT (cm) | C.TOTAL (cm) |
| CA60 | 1 | 5.0 | 33 | 94 | 3102 |
| | 2 | 5.0 | 21 | 90 | 1890 |
| | 3 | 5.0 | 2 | 74 | 222 |
| | 4 | 5.0 | 2 | 80 | 160 |
| | 5 | 5.0 | 18 | 84 | 1512 |
| | 6 | 10.0 | 96 | VAR | VAR |
| | 7 | 10.0 | 22 | 40 | 880 |
| | 8 | 10.0 | 6 | VAR | VAR |
| | 9 | 12.5 | 6 | VAR | VAR |

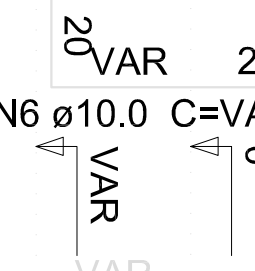
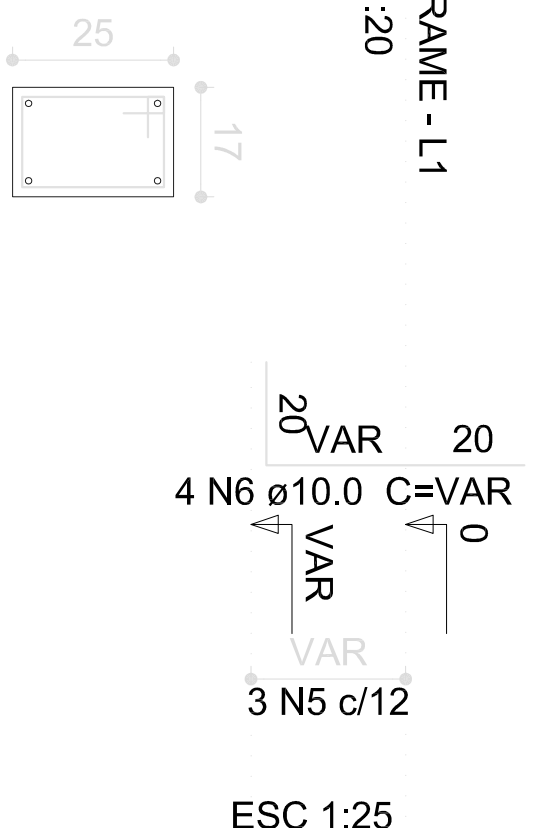
Resumo do aço

| ACO | DIAM (mm) | C.TOTAL (m) | PESO + 10 % (kg) |
|-----------------|-----------|-------------|------------------|
| CA50 | 10.0 | 78.5 | 53.2 |
| CA60 | 12.5 | 2.7 | 2.9 |
| CA60 | 5.0 | 68.9 | 11.7 |
| PESO TOTAL (kg) | | | |
| CA50 | 56.1 | | |
| CA60 | 11.7 | | |

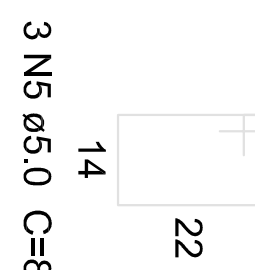
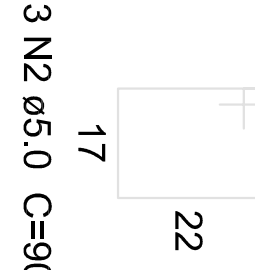
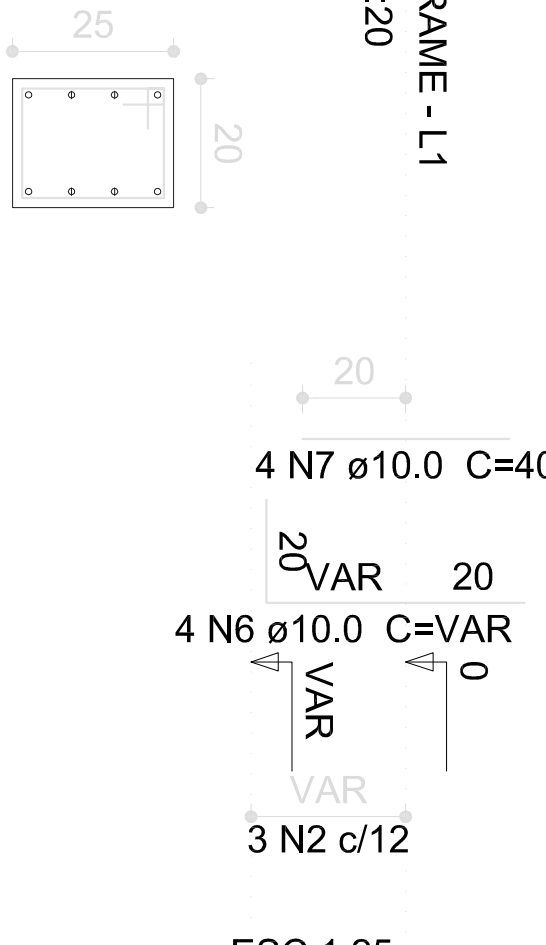
Volume de concreto (C-25) = 0,37 m³

Area de forma = 7 m²

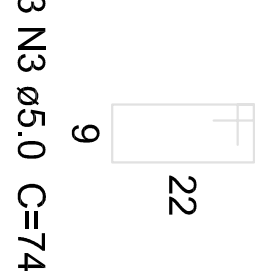
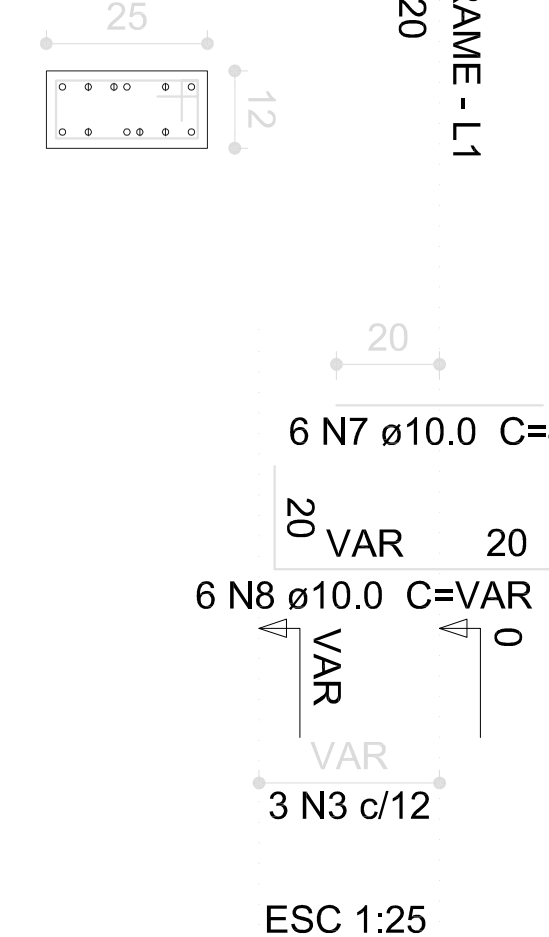
P9=P10=P13=P14=P20=P22



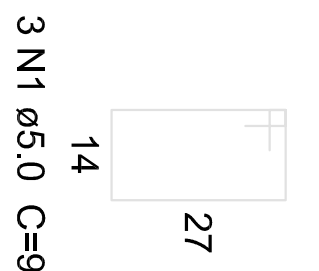
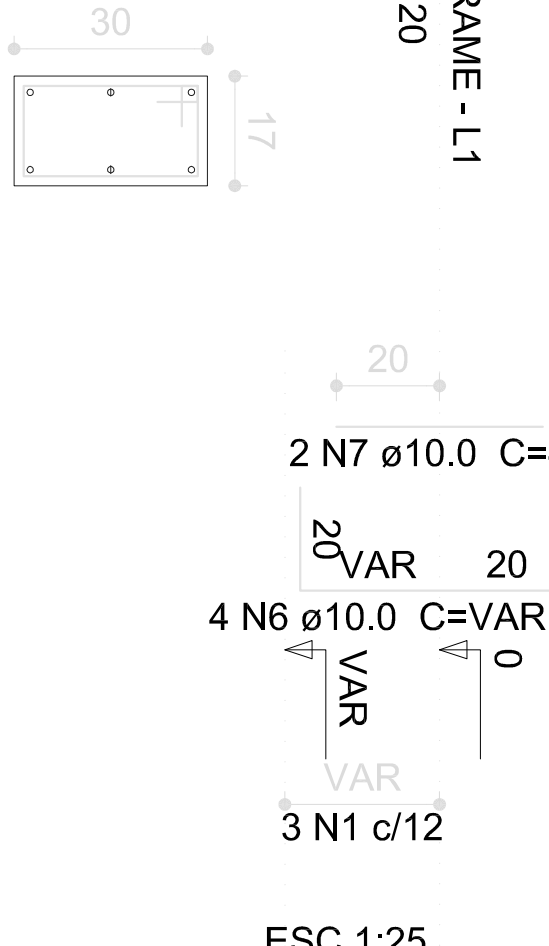
P5=P7



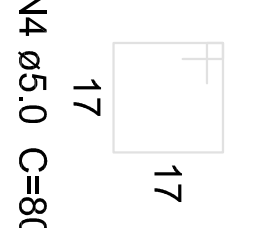
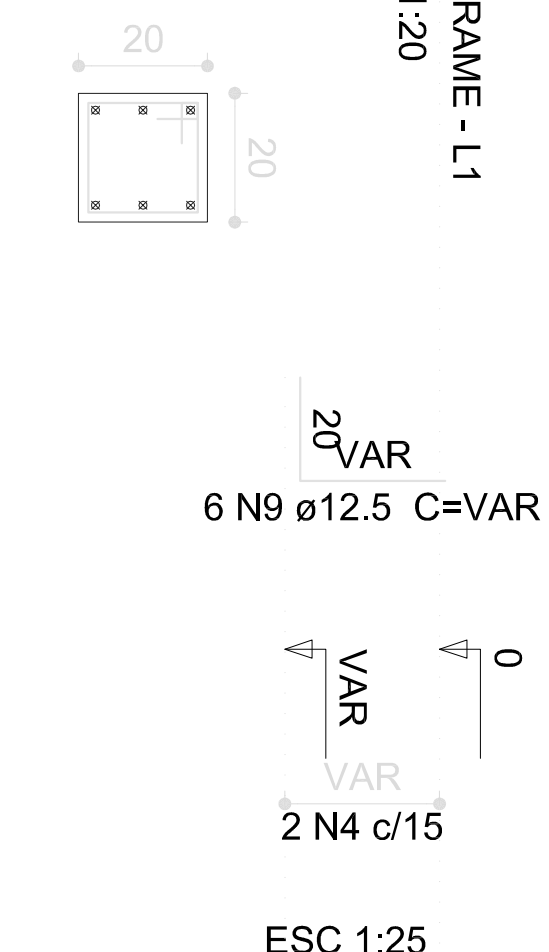
P17



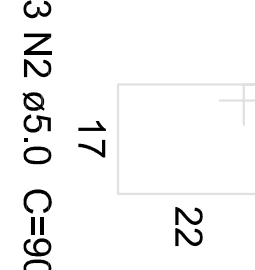
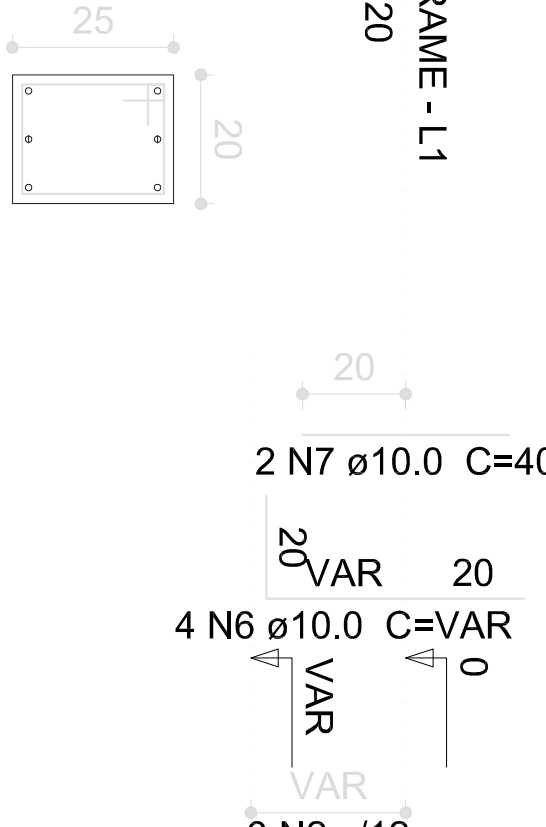
P26



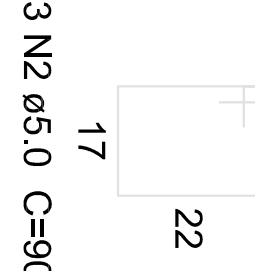
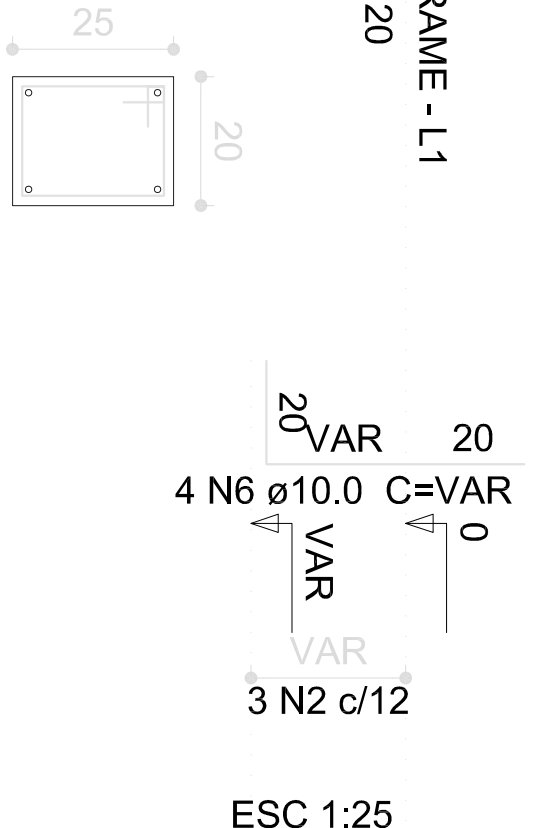
P6



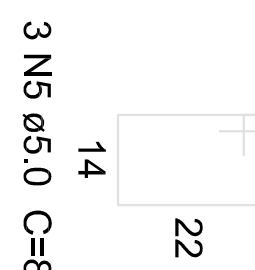
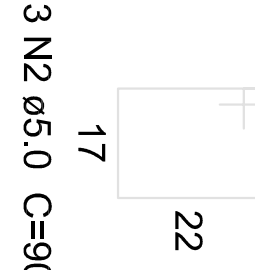
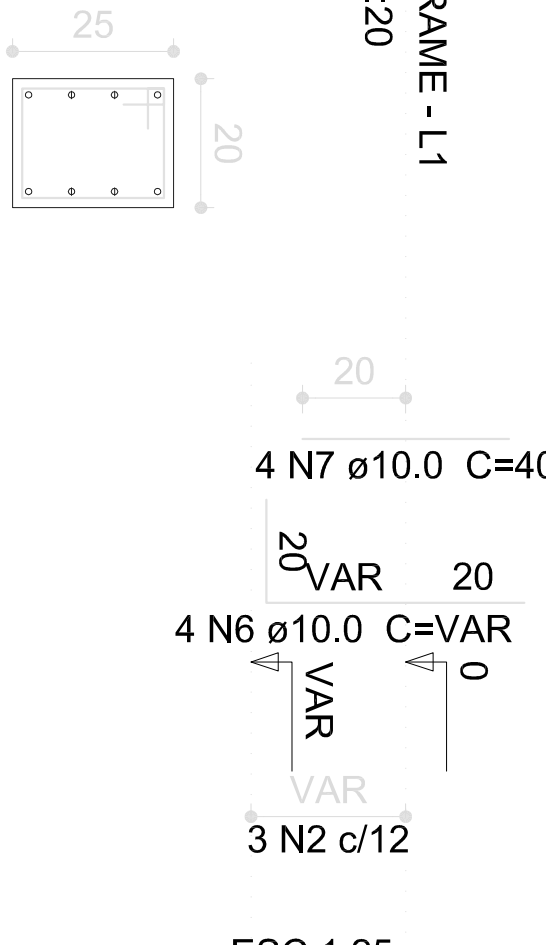
P1=P12=P16



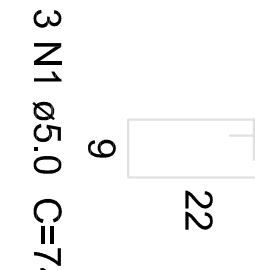
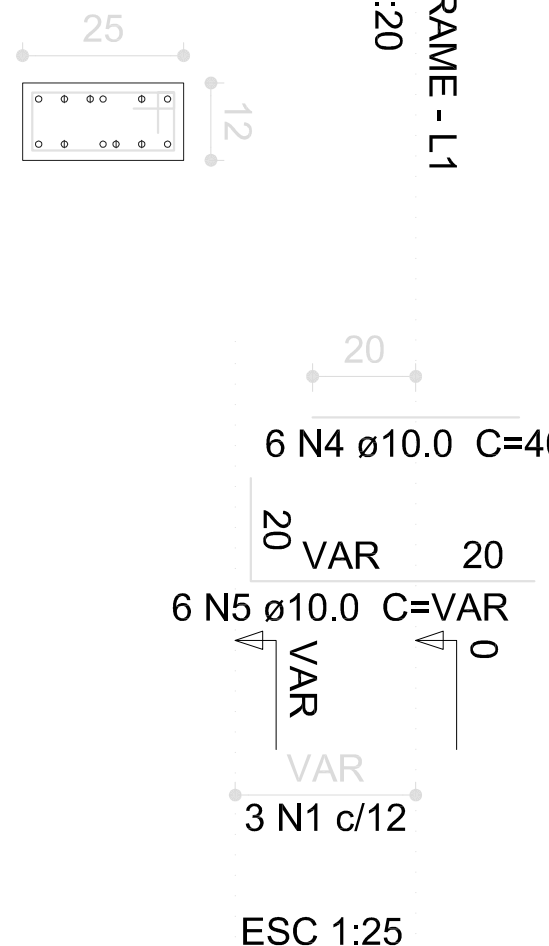
P18=P24



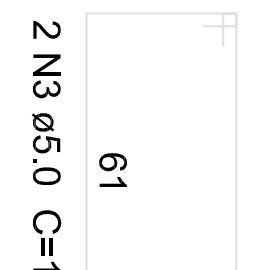
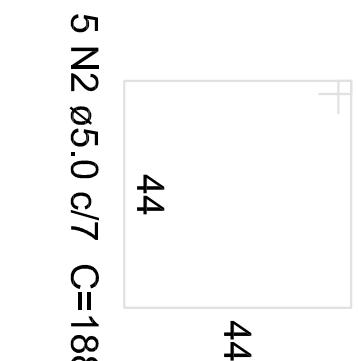
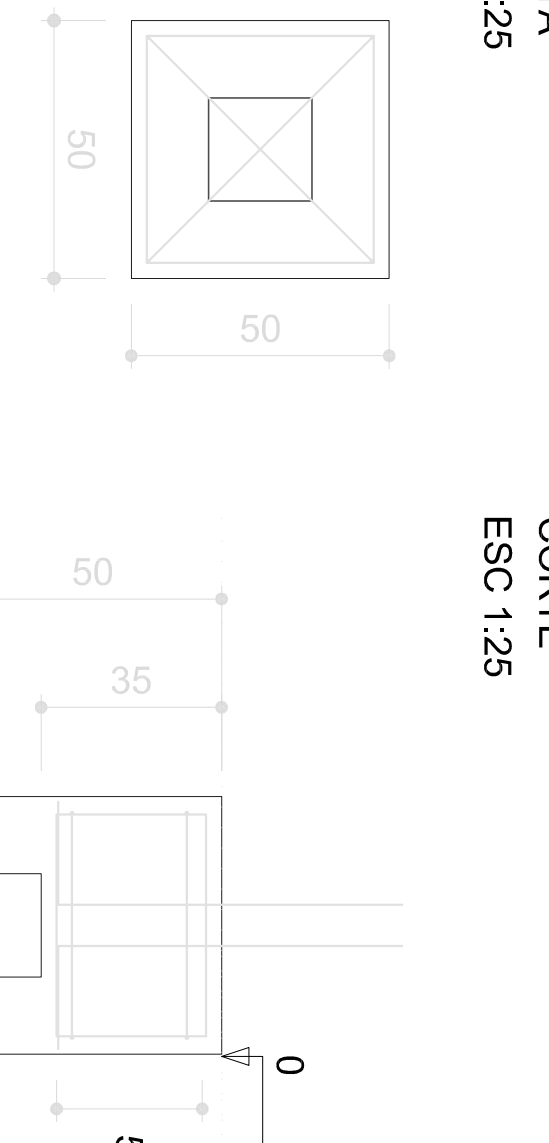
P5=P7



P17



B17



Relação do aço

| ACO | N | DIAM (mm) | QUANT (Barras) | UNIT (cm) | C.TOTAL (cm) |
|------|---|-----------|----------------|-----------|--------------|
| CA60 | 1 | 5.0 | 3 | 74 | 222 |
| | 2 | 5.0 | 5 | 185 | 940 |
| | 3 | 5.0 | 2 | 192 | 384 |
| CA50 | 4 | 10.0 | 6 | 40 | 240 |
| CA50 | 5 | 10.0 | 6 | VAR | VAR |

Resumo do aço

| ACO | DIAM (mm) | C.TOTAL (m) | PESO + 10 % (kg) |
|-----------------|-----------|-------------|------------------|
| CA50 | 10.0 | 6.8 | 4.6 |
| CA60 | 5.0 | 15.5 | 2.6 |
| PESO TOTAL (kg) | | | |
| CA50 | 4.6 | | |
| CA60 | 2.6 | | |

Volume de concreto (C-25) = 0,13 m³

Area de forma = 1,26 m²

Observações:

1- QUALQUER ALTERAÇÃO QUE NÃO CONTAR COM O ENDOSSO POR ESCRITO DA ENGENHEIRA, SERÁ DE RESPONSABILIDADE DO CONTRATANTE.

2- QUALQUER ALTERAÇÃO NO PROJETO ARQUITETÔNICO DEVERÁ SER COMUNICADO A AUTORA DO PROJETO.

Alterações de Projeto:

3-SE O DESER DA EXECUÇÃO REVELAR ALGUMA DIFERENÇA COM APLICAÇÃO A SER FEITA DE ACORDO COM O PROJETO.

| DATA1 | ASSUNTO1 |
|--|----------|
| DATA1 | ASSUNTO1 |
| DATA2 | ASSUNTO2 |
| Projeto: ESTRUTURA EM CONCRETO ARMADO ALINHADO/ALINHADO EM GERAL | |
| Cliente: PREFEITURA MUNICIPAL DE INDIANÓPOLIS | |
| Obrs: CONSTRUÇÃO DO PATIO RODOVARIO MUNICIPAL | |
| Local: RUA JOSÉ ALVES DE MIRANDA/RUA MARIO DESTEFANI RESIDENCIAL JARDIM GUARÁ/ INDIANÓPOLIS-PR | |
| Assunto: DETALHAMENTO FUNDAÇÃO | |
| DETALHAMENTO PILARES | |
| OBSERVAR NÍVEIS NA OBRA. | |
| RESPONSABIL. PELO PROJETO. | |
| REVISÃO Nº: | |
| R - # | |



CONSTRUTORA
ART HOME
(44) 3431-1894

Data: FEVEREIRO/14

Escala: INDICADA

Folha Nº: 02

Nº Fôlhas: 06

Detalhamento fundação
Escala 1:50