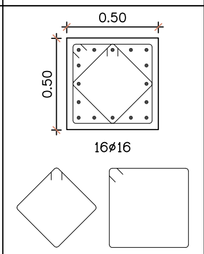
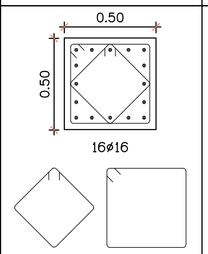
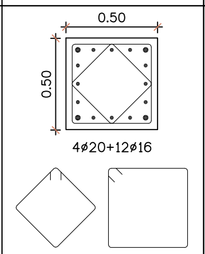
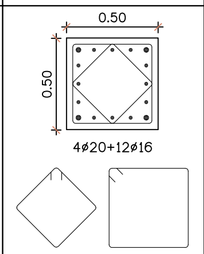
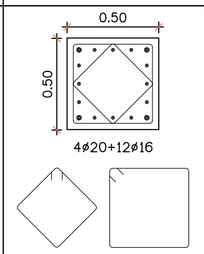
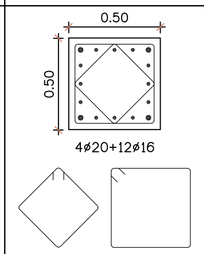
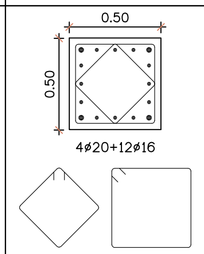
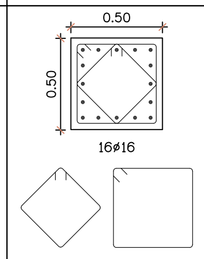
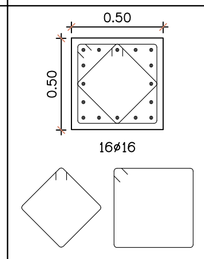
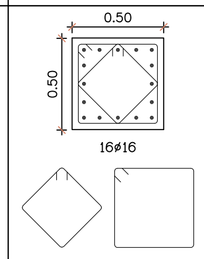
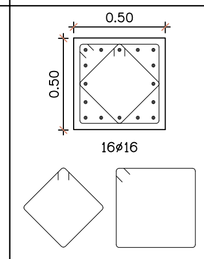
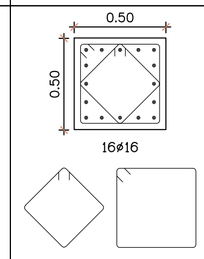
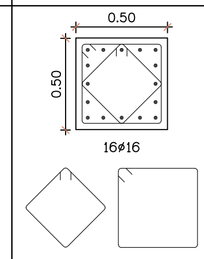
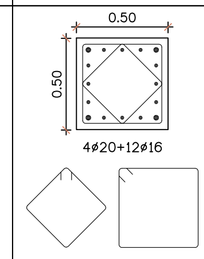
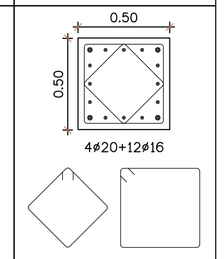
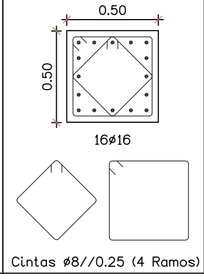
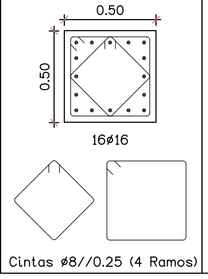
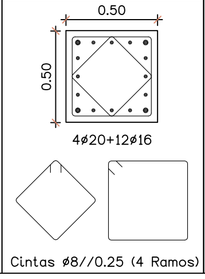
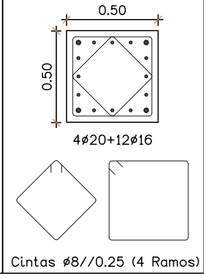
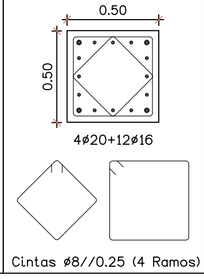
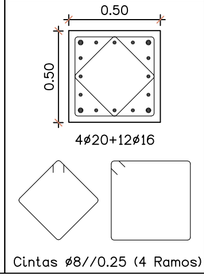
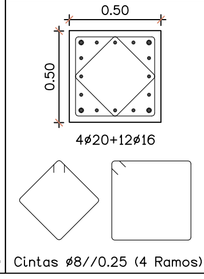
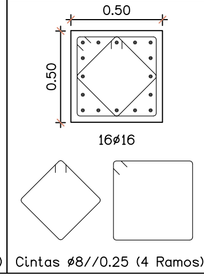
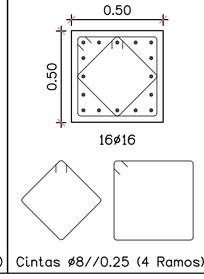
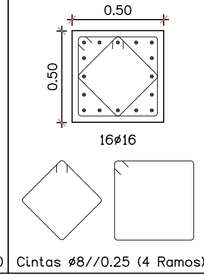
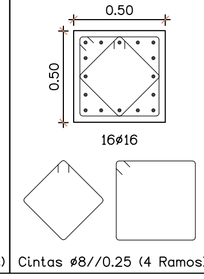
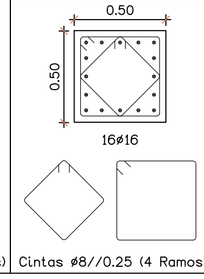
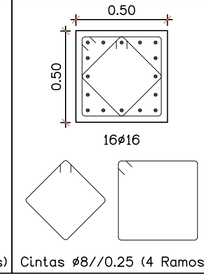
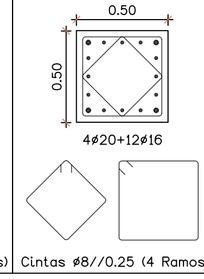
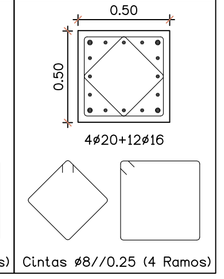
# QUADRO DE PILARES - ARMADURAS

| PILARES / SECÇÕES | P16 | P17 | P18 | P19 | P20 | P21 | P22 | P23 | P24 | P25 | P26 | P27 | P28 | P29 | P30 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ENTRE O PISO 2 E O PISO 3 | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— |
| ENTRE O PISO 1 E O PISO 3 |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 4ø20+12ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 4ø20+12ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 4ø20+12ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 4ø20+12ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 4ø20+12ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 4ø20+12ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 4ø20+12ø16 Cintas ø8//0.25 (4 Ramos) |
| ENTRE O PISO 1 E O PISO 2 | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— |
| ENTRE O PISO 0 E O PISO 2 | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— |
| ENTRE O PISO 0 E O PISO 1 |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 4ø20+12ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 4ø20+12ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 4ø20+12ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 4ø20+12ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 4ø20+12ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 16ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 4ø20+12ø16 Cintas ø8//0.25 (4 Ramos) |  0.50 0.50 4ø20+12ø16 Cintas ø8//0.25 (4 Ramos) |

NOTAS:

1 - OS COMPRIMENTOS DE AMARRAÇÃO OU EMPALME DAS ARMADURAS, ONDE NÃO INDICADO, SERÃO 50ø

2 - NÃO SERÁ EMPALMADA EM CADA SECÇÃO MAIS DE 1/3 DA ARMADURA

| AÇO | BETÃO (NP ENV 206) | | NIVEL DE CLORETOS | Dmáx (mm) | CLASSE ESTRUTURAL | RECOBRIMENTO (cm) | |
|---|---|---|---|---|---|---|---|
| | RESISTÊNCIA | CLASSE DE EXPOSIÇÃO | | | | EXT. | INT. |
| A500 NR | C25/30 | XC2 | Cl 0.4 | 20 | S3 | 3.0 | 3.0 |

**CIMENTOS DE MOÇAMBIQUE S.A.**

**FÁBRICA DO DONDO**

**EDIFICIO DE ENSACAGEM**

**ANTEPROJECTO**

BETÃO ARMADO
QUADRO DE PILARES
P16 - P30

ISEL INSTITUTO SUPERIOR DE ENGENHARIA DE LISBOA

| | | | | |
|---|---|---|---|---|
| Projectou | JAN. 2016 | Pedro da Silva | Desenho Nº | Escala: |
| Desenhou | JAN. 2016 | Pedro da Silva | DES-32 | 1:25 |
| Reviu | | | | |
| Verificou | | | | |
| Aprovou | | | Substitui: | |
| | | | Subs. por: | |