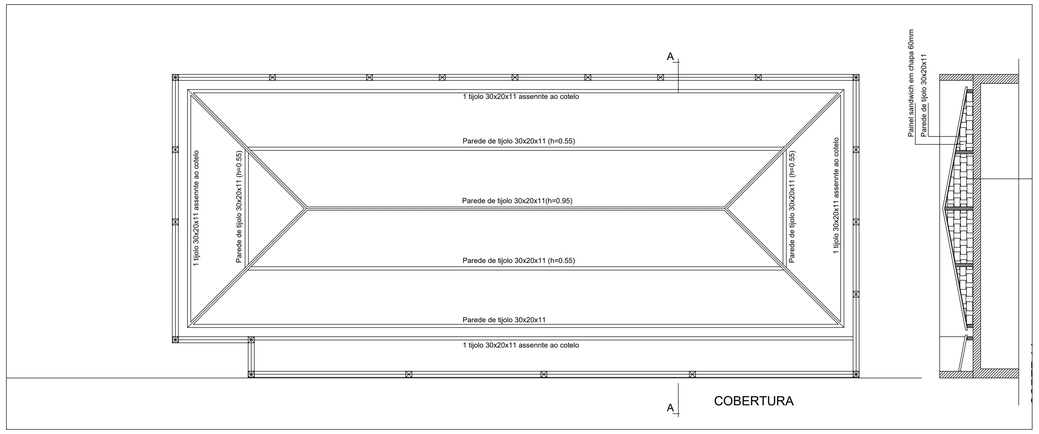
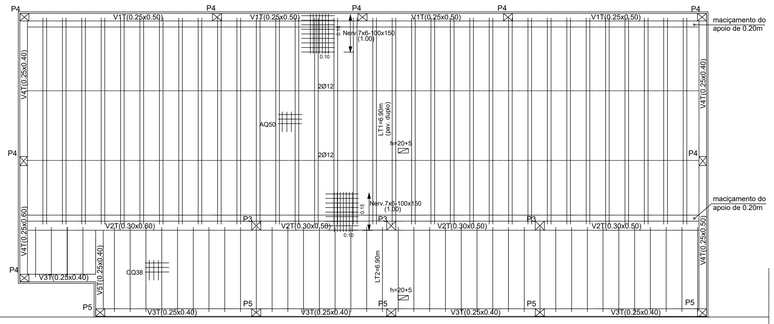
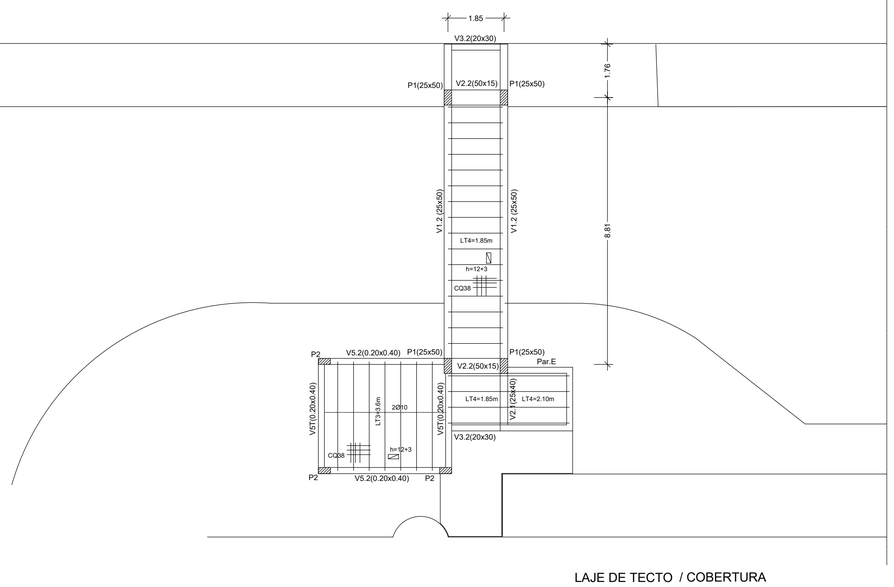



COBERTURA



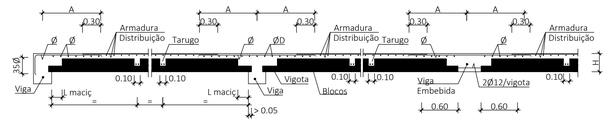

LAJE DE TECTO




LAJE DE TECTO / COBERTURA

## Laje aligeirada de vigotas pré-esforçadas
## Pormenor Tipo

Esc.: S/Escala

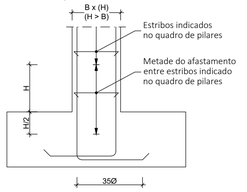



QUADRO DE LAJES ALIGEIRADAS

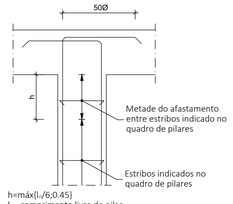
| LAJE | ALTURA H (cm) | | PESO (kN/m2) | Mrd (kN.m/m) | Vrd (kN/m) | Mfctk (kN.m/m) | EI (kN.m2/m) | ARMADURA DISTRIBUIÇÃO | TARUGOS | ARMADURA sobre os apoios (Ø) | TIPO PREVICON |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LT1 | 20 | 5 | 3.49 | 78.40 | 50.40 | 44.70 | 22 803 | AQ50 2.28cm2/m | 2Ø12//1.6m | Ø8//0.15 A=0.60 | 2VP4-40X20-25 |
| LT2 | 20 | 5 | 2.89 | 20.00 | 28.60 | 12.70 | 16 053 | AQ50 2.28cm2/m | 2Ø12//1.6m | Ø8//0.15 A=0.60 | VPE2-40X20-25 |
| LT3 | 12 | 4 | 1.92 | 9.60 | 15.10 | 5.40 | 4 013 | CQ30 0.58cm2/m | —— | | VPE2-40X12-16 |
| LT4 | 16 | 4 | 2.31 | 18.00 | 19.40 | 11.20 | 7 596 | CQ30 0.67cm2/m | 2Ø10 | | VPE3-40X16-20 |

## NOTAS E PORMENORES A CONSIDERAR NA EXECUÇÃO DOS PILARES

### Pormenor de amarração das armaduras de Pilares a Sapatas de Fundação

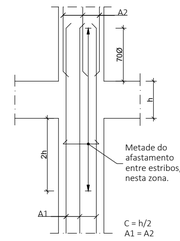



### Pormenor de marração das armaduras de Pilares a Lajes




h=máx(l₀/6;0.45)
l₀ - comprimento livre do pilar

### Emenda de Varões Longitudinais do Tipo I




| VER. | DATA | DESCRIÇÃO |
|---|---|---|
| | | |

CLIENTE:

MISERICÓRDIA DE VIMIOSO

AUTOR:


NAGOA PROJECTS MANAGEMENT
RUA DA ALEGRIA 1714 . B. ATELIER 14 _ 4200-024 PORTO TEL + 351 919 374 803 geral@nagoa.pt


LOCAL: RUA SÁ CARNEIRO Nº8, BAIRRO SÃO SEBASTIÃO

DES. NÚMERO. DRAWING NUMBER: EST 03

PROJECTO. PROJECT: REESTRUTURAÇÃO DE LAR DE S. JOSÉ

ESPECIALIDADE. WORK: ESTUTURA

FASE. PHASE: EXECUÇÃO

PROJ. DESIGN: - DES. DRAWN: - VERIF.VERIF: - APROV. APROV: -

DESCRIÇÃO. DESCRIPTION: PLANTAS
TECTO E COBERTURA

ESCALA. SCALE: 1:100

DATA. DATE: NOV 2019

REF. INFORMÁTICA. DRAWING FILE: 17.32_VIMI

TEC. RESPONSAVEL. TECHNICAL MANAGER

COD. PROJ. PROJ. CODE: NA-17.32-VIMIO

VER.