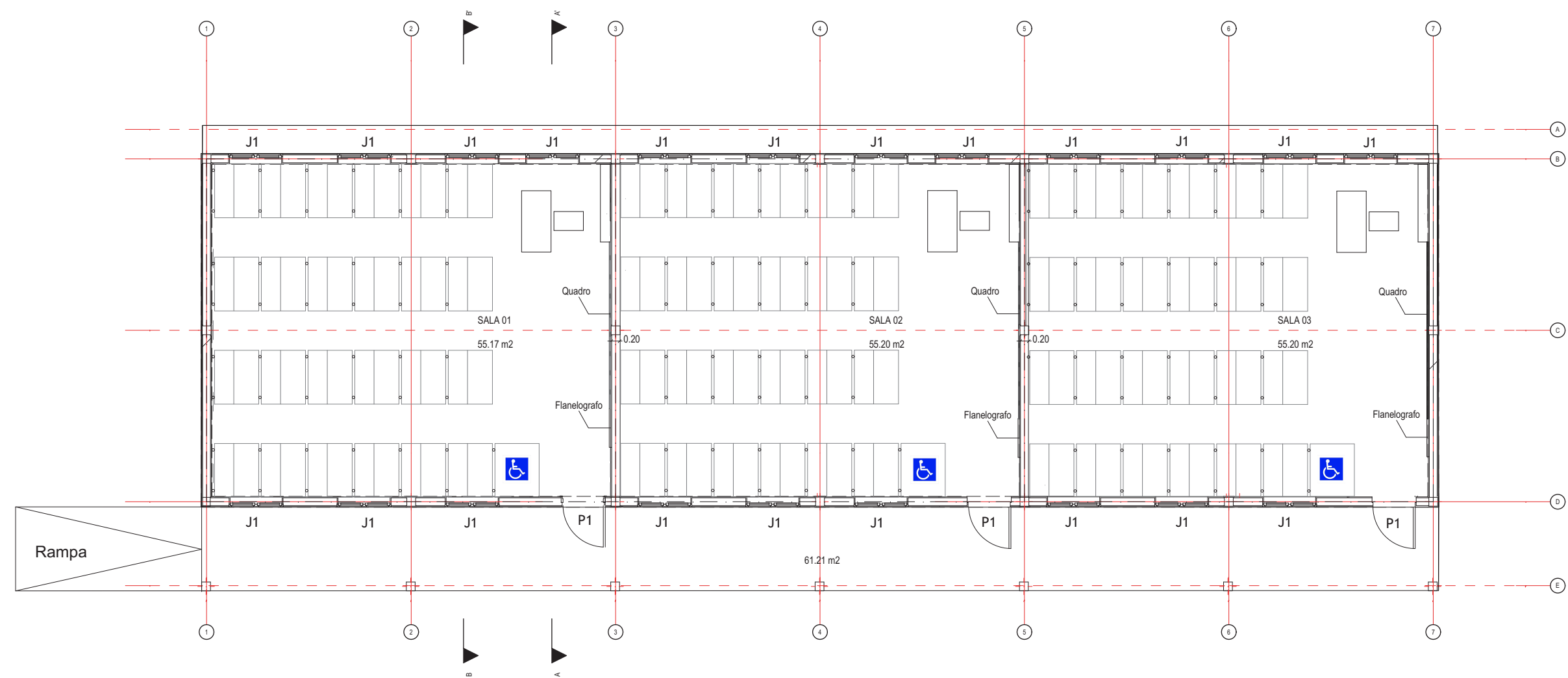
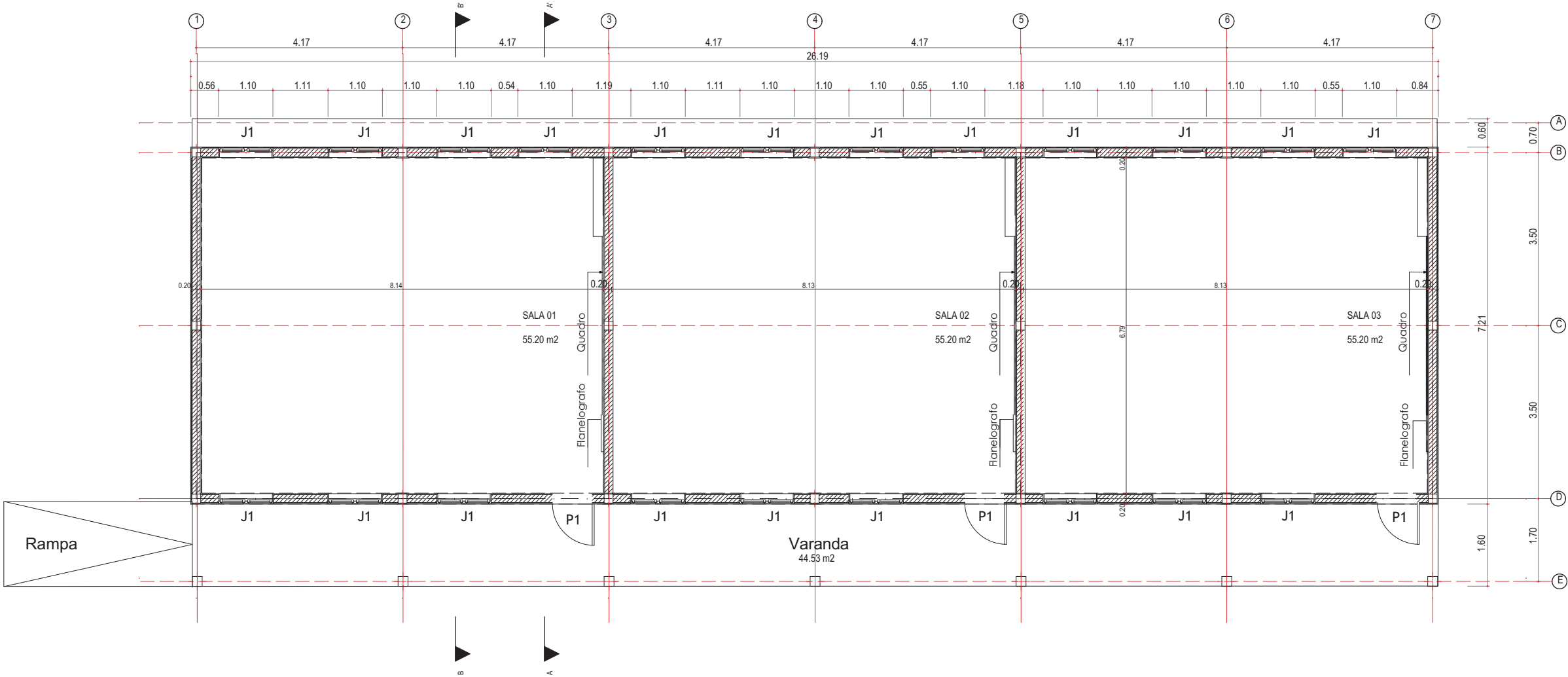


Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h



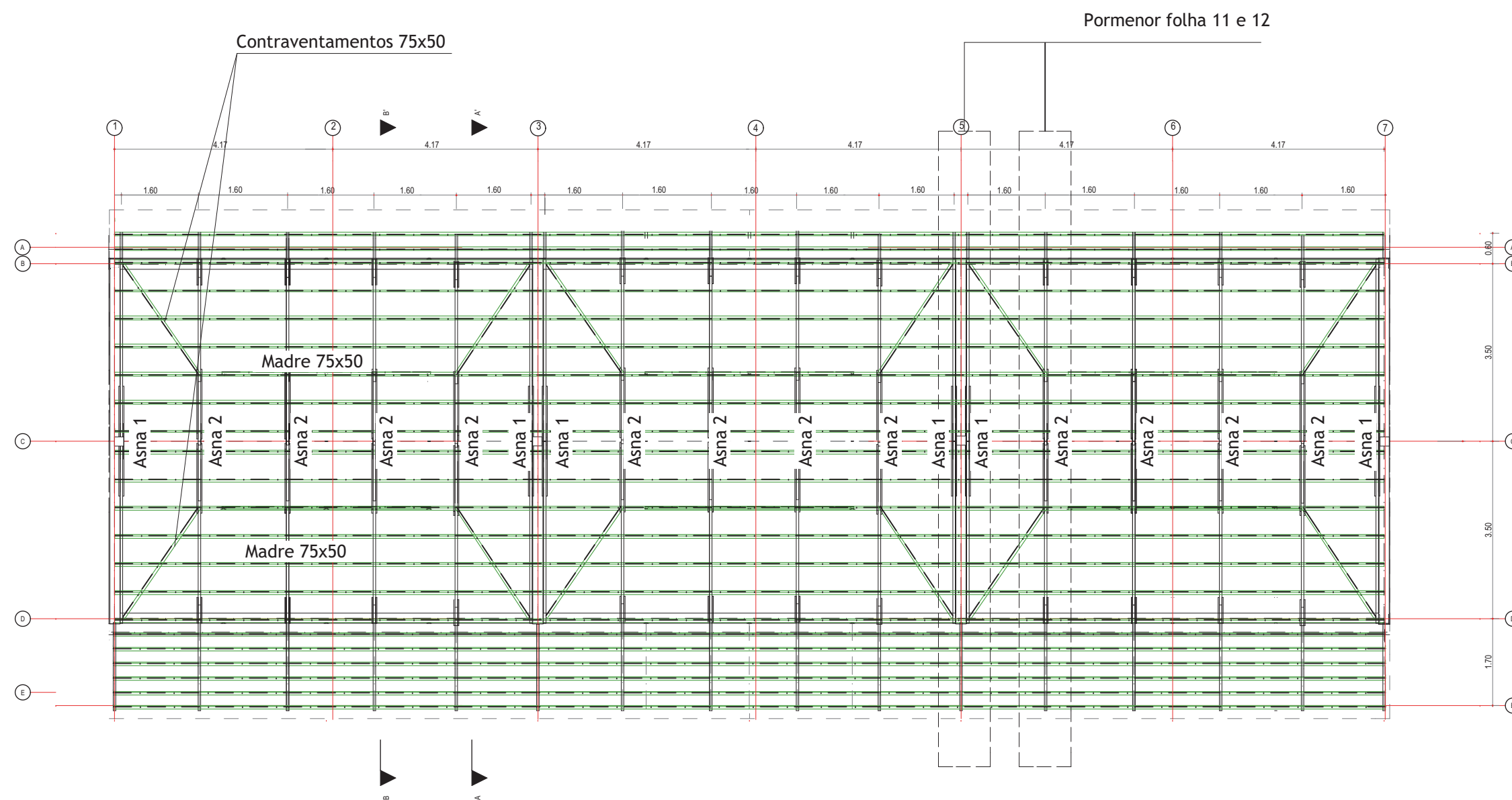
P01 - PLANTA DE PISO MOBILDADA Esc. 1:100

Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h



P02 - PLANTA DE PISO COTADA Esc. 1:100

Z.SISMICA: I - 0.8m/m²
Z.CICLONICA: I - 210km/h

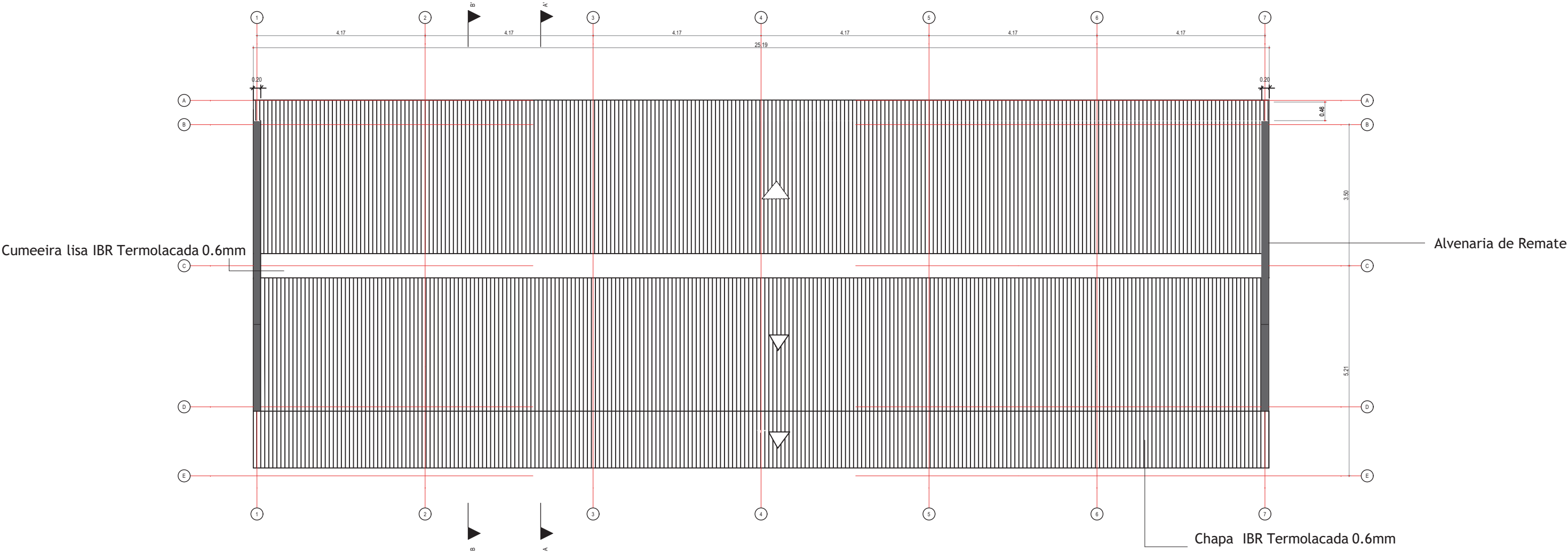


P03 -

PLANTA DA ESTRUTURA DA COBERTURA

Esc. 1:100

Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h



PROJECTO:
Modelo Melhorado Baseado na Antiga metodologia para
Ventos até 180km/h - PROJECTO ESCOLAS SEGURAS
PROJECTISTA:
COLABORAÇÃO:
ENGENHARIA:

CONTEÚDO
PLANTA DE COBERTURA

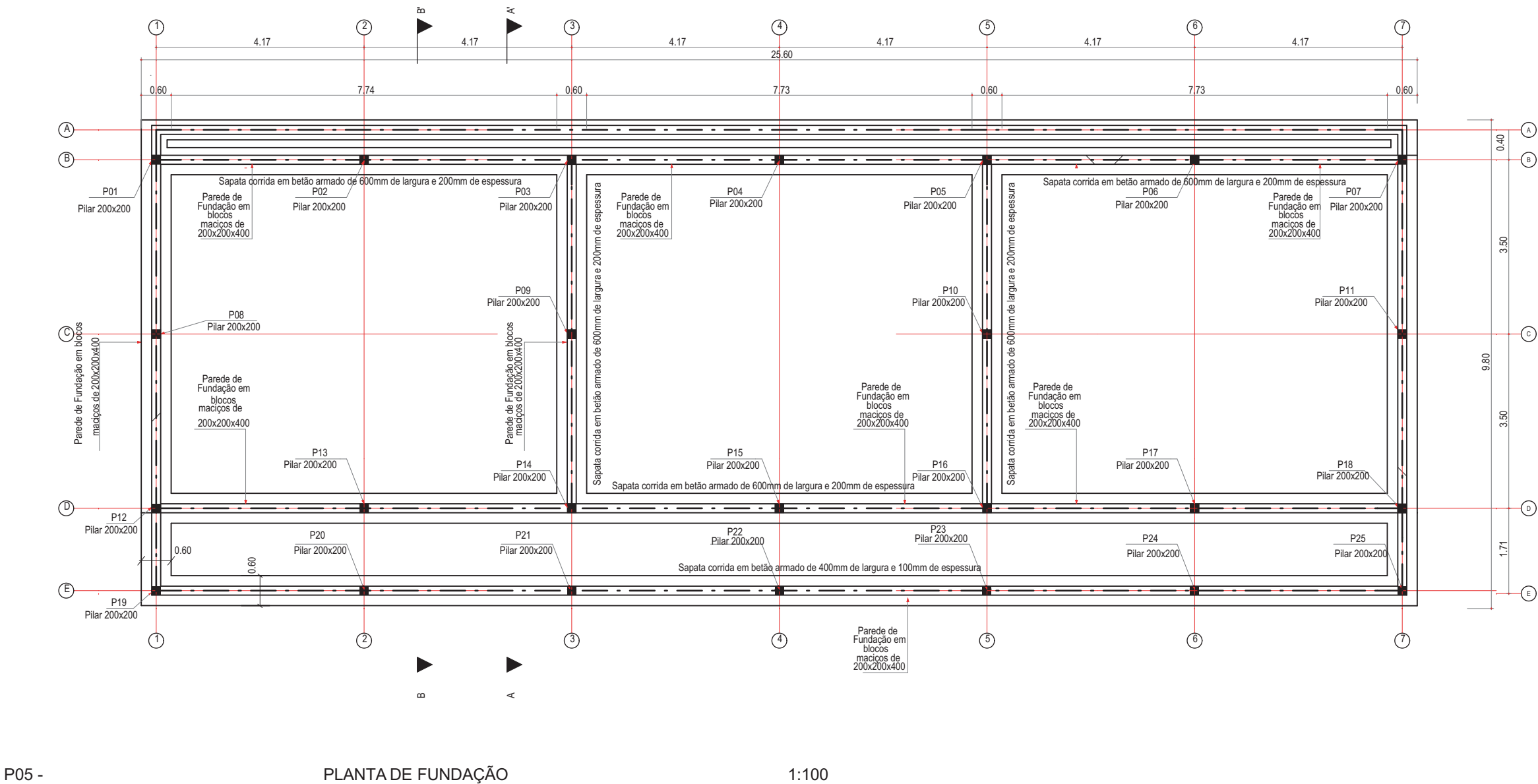
ESCALA:

1:100

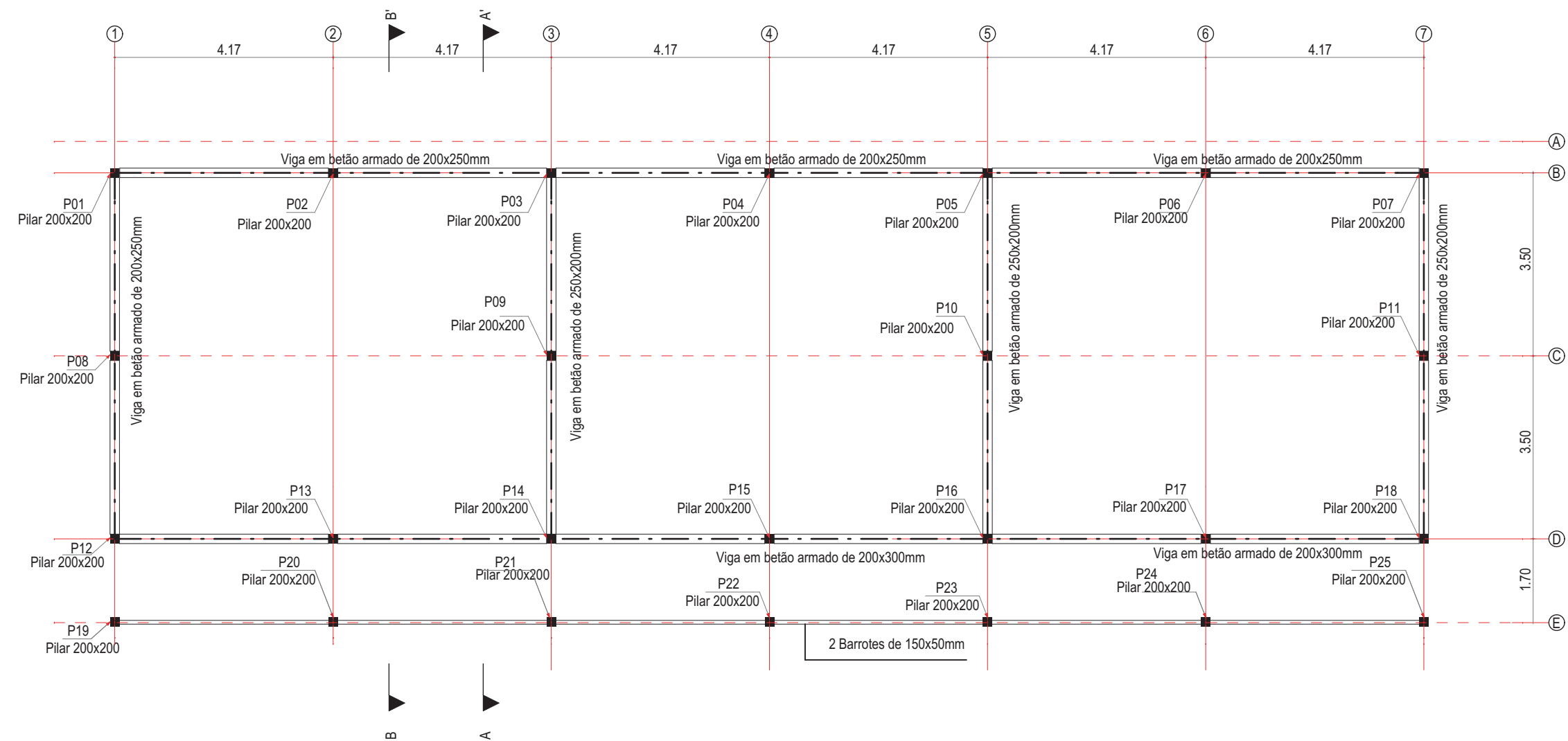
DESENHOS:
BLOCO DE SALAS DE AULAS

FOLHA: A3
PÁGINA: 04.
de 26

Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h

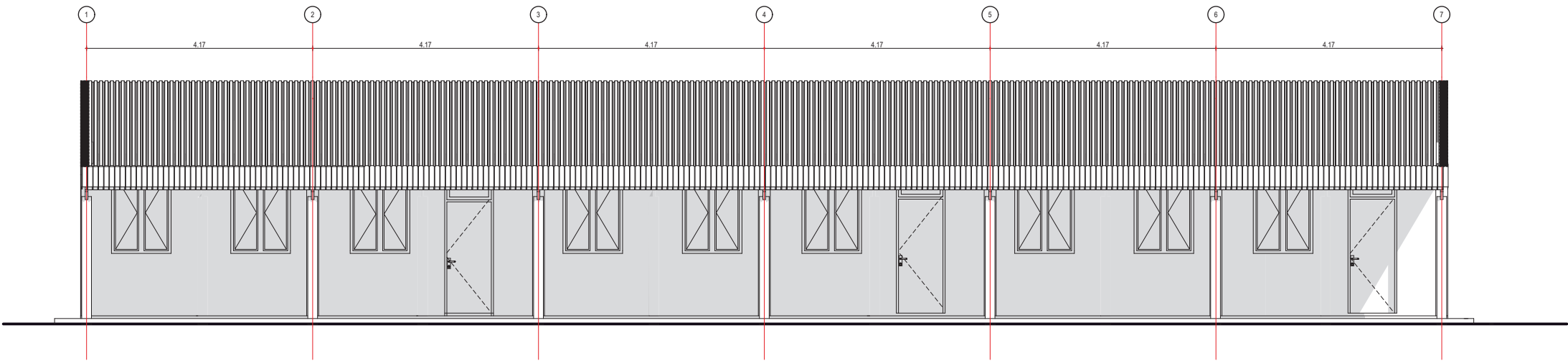


Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h

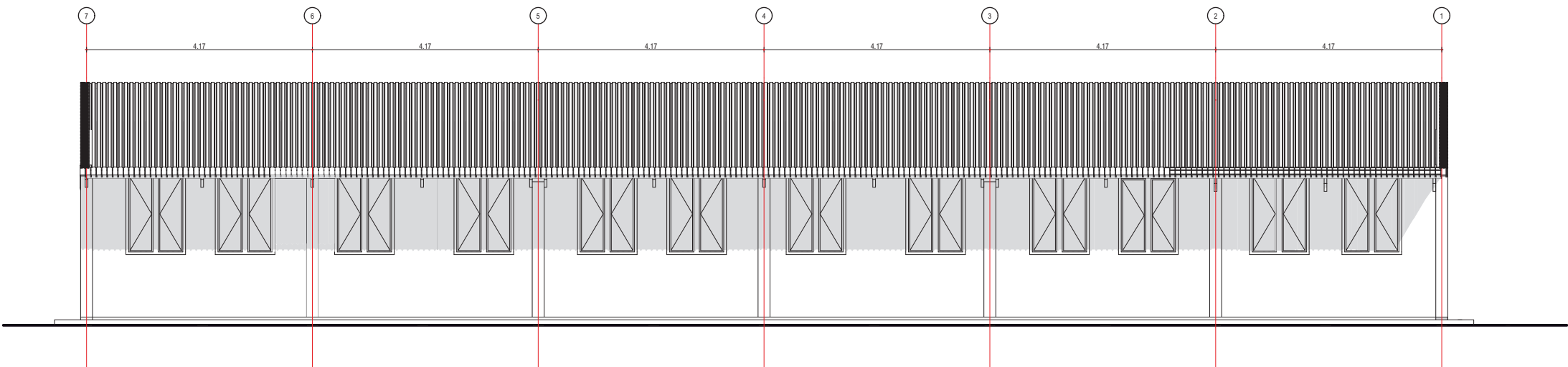


P06 - PLANTA DE DESTRUBUIÇÃO DAS VIGAS 1:100

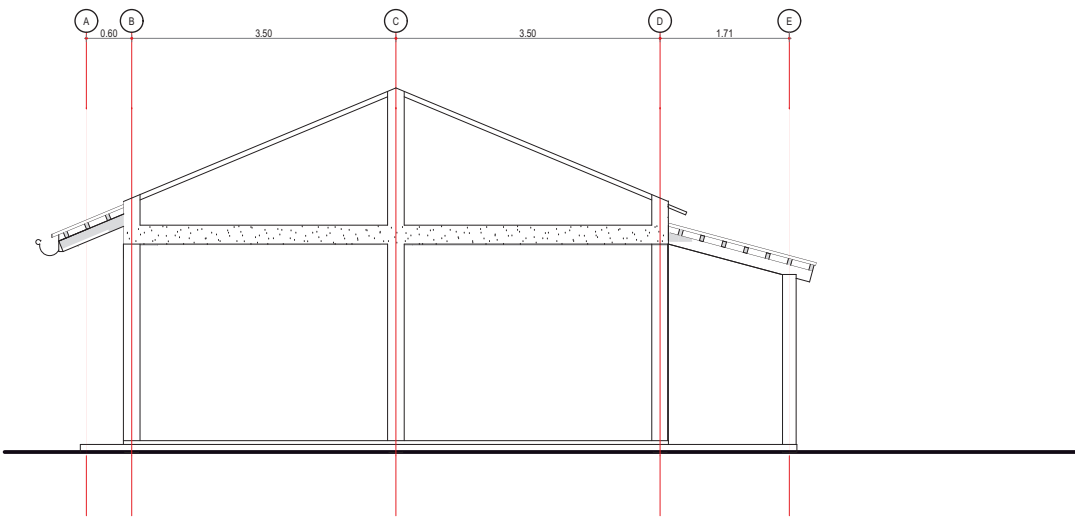
Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h



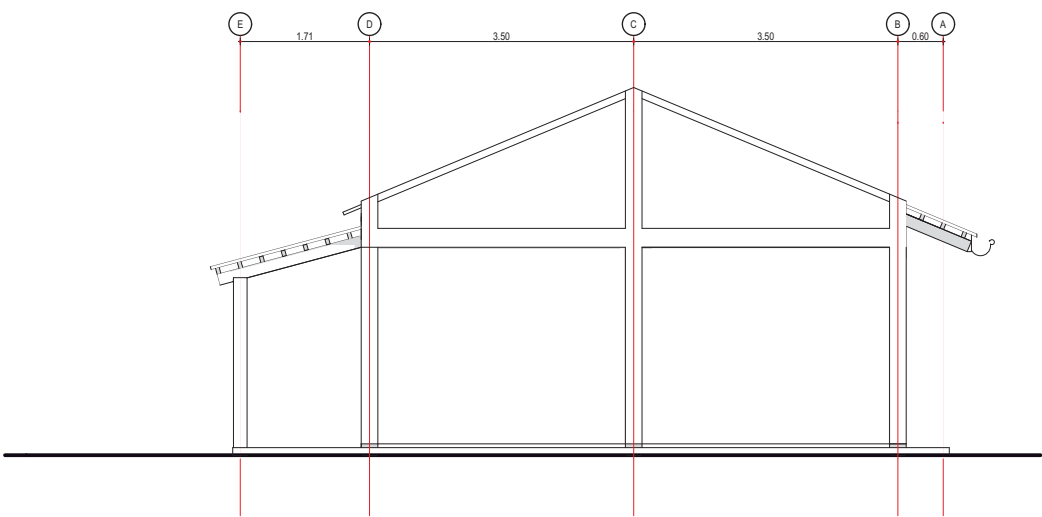
A01. ALÇADO NORTE (FRONTAL) Esc. 1:100



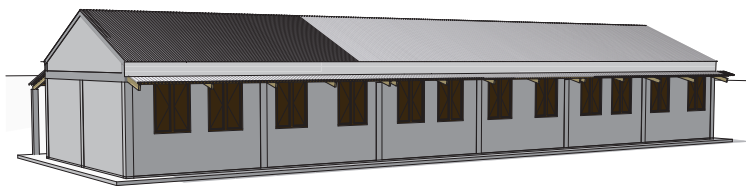
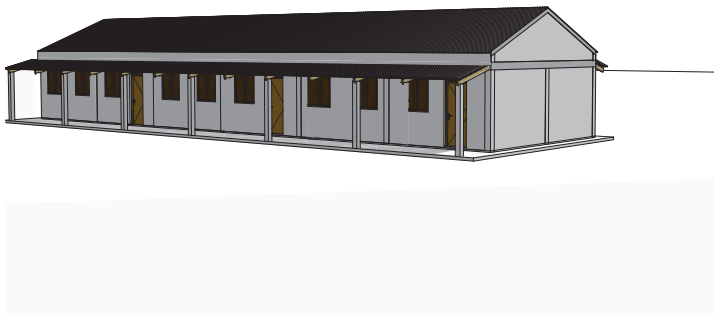
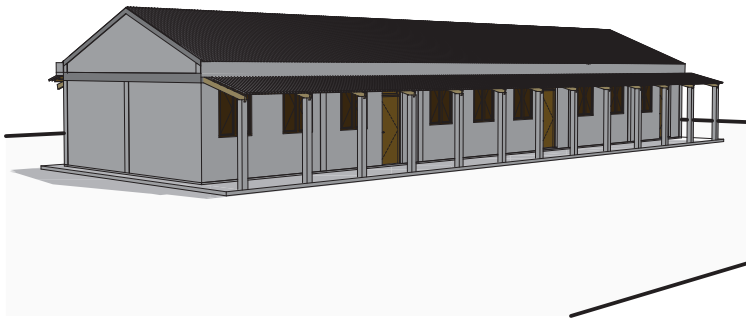
A02. ALÇADO SUL (POSTERIOR) Esc. 1:100



A03. ALÇADO ESTE Esc. 1:100



A04. ALÇADO OESTE Esc. 1:100



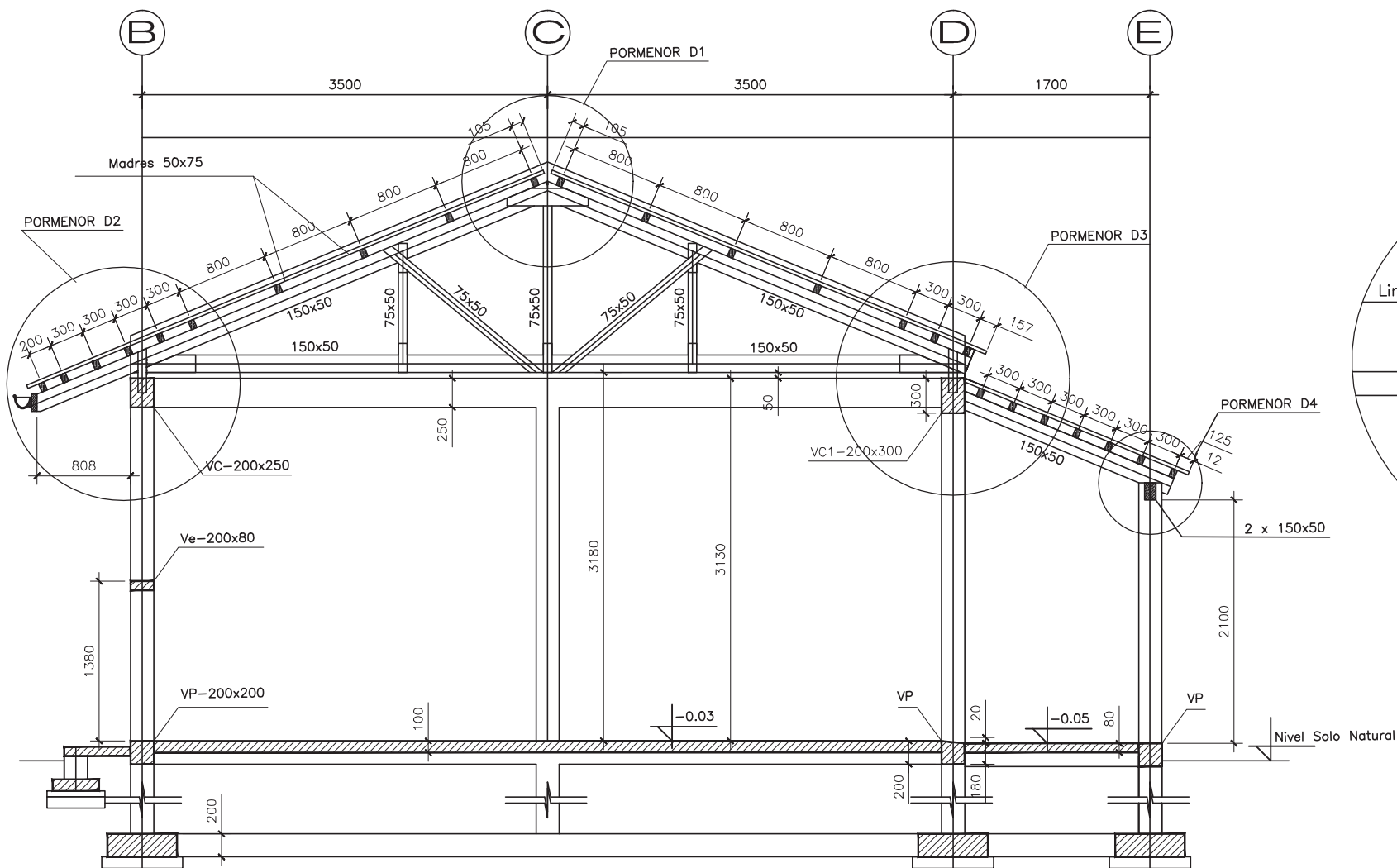
PROJECTO:
Modelo Melhorado Baseado na Antiga metodologia para
Ventos até 180km/h - PROJECTO ESCOLAS SEGURAS
PROJECTISTA:
COLABORAÇÃO:
ENGENHARIA:

CONTEÚDO
ALÇADOS E VISTAS 3D
ESCALA:

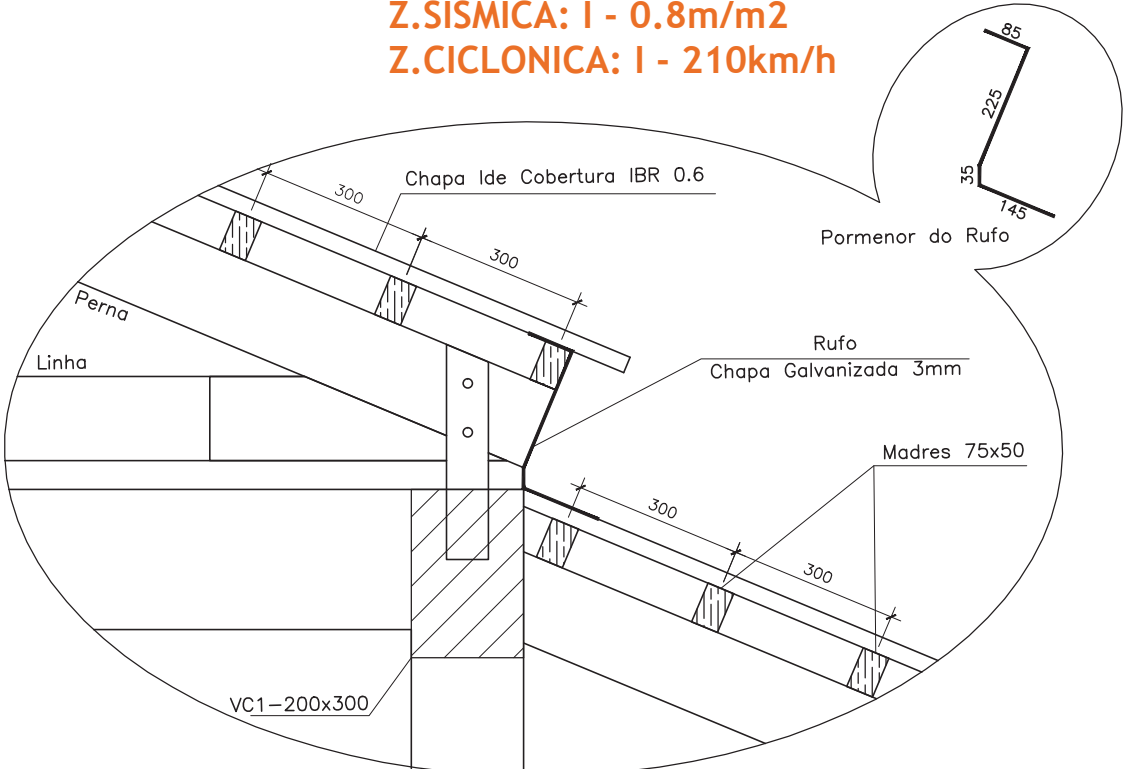
DESENHOS:
BLOCO DE SALAS DE AULAS

FOLHA:
A3
PÁGINA:
07.
de 26

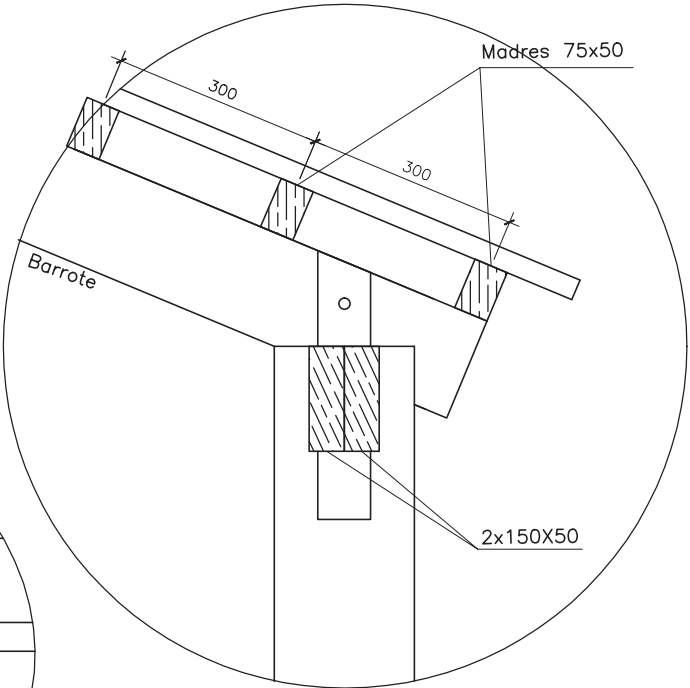
Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h



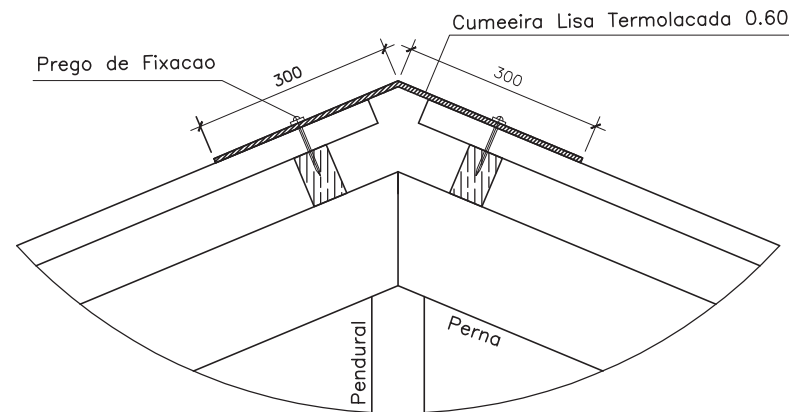
AA' CORTE TRANSVERSAL_01 Esc 1:50



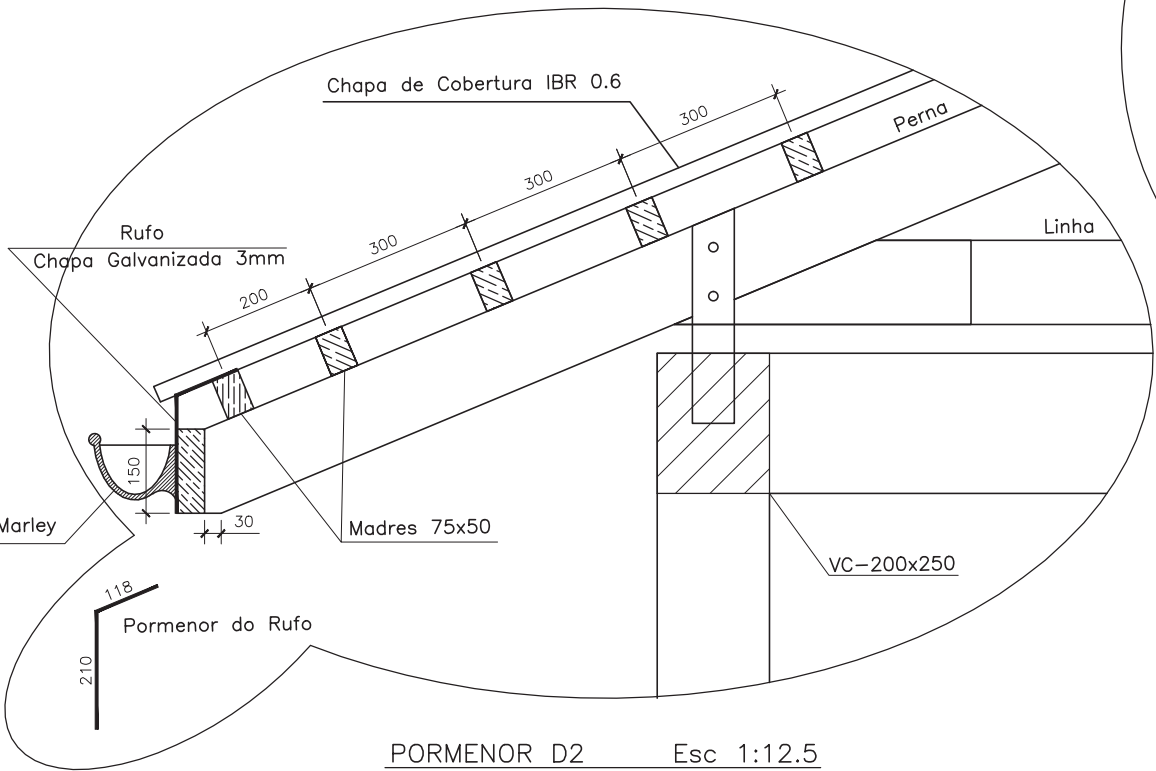
PORMENOR D3 Esc 1:12.5



PORMENOR D4 Esc 1:10



PORMENOR D1-Cumeeira Esc 1:10



PORMENOR D2 Esc 1:12.5

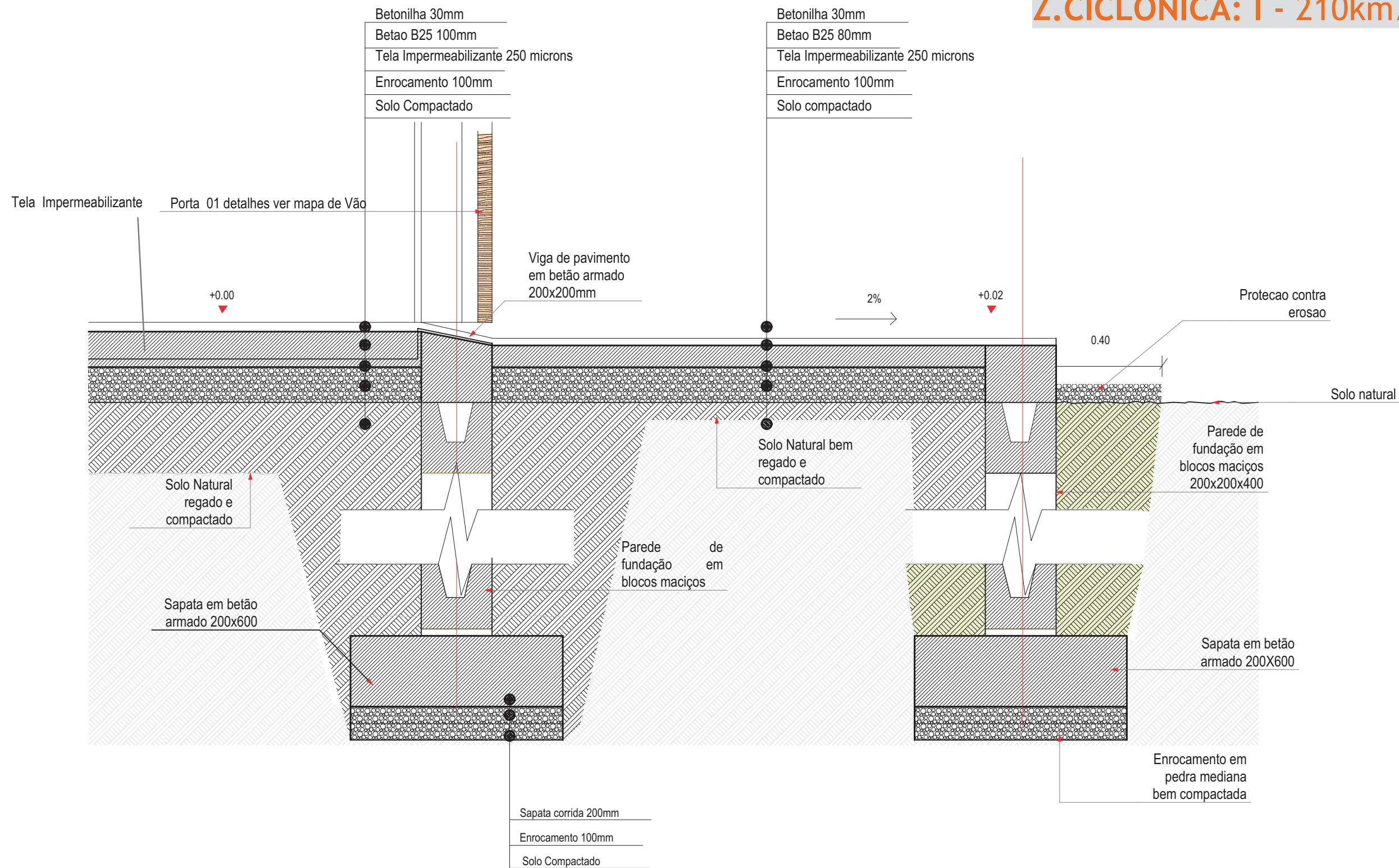


PROJECTO:
Modelo Melhorado Baseado na Antiga metodologia para
Ventos até 180km/h - PROJECTO ESCOLAS SEGURAS
PROJECTISTA:
COLABORAÇÃO:
ENGENHARIA:

CONTEÚDO
CORTE ESTRUTURAL
ESCALA:
1:50 / 1:12.5/ 1:10
DESENHOS:
BLOCO DE SALA DE AULAS

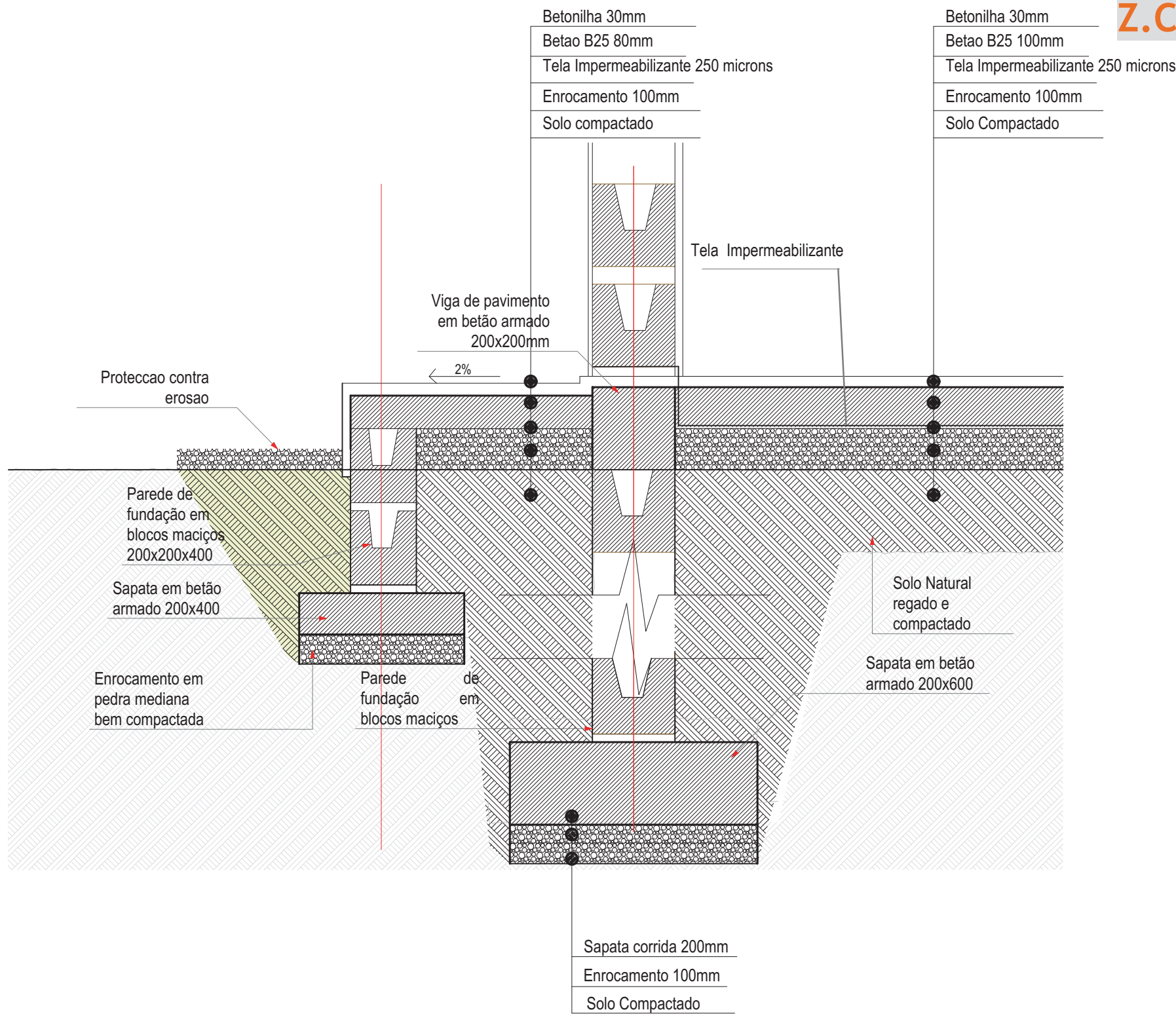
FOLHA:
PAGINA:
A3 08
de 26

Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h

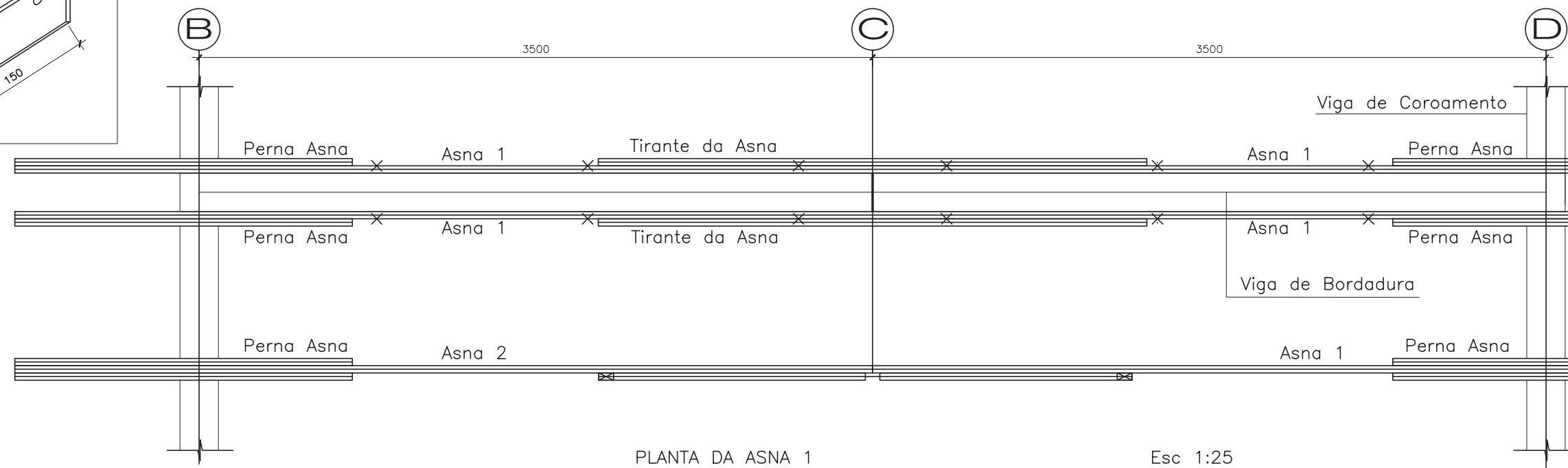
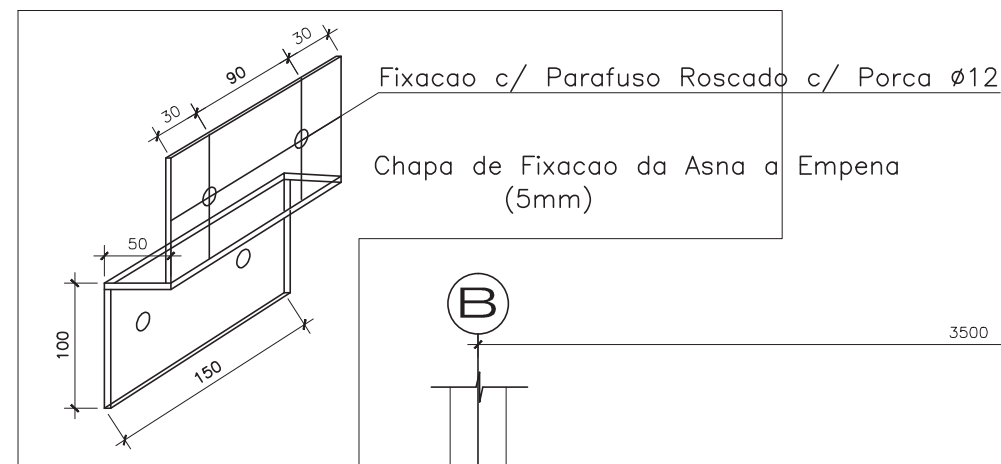
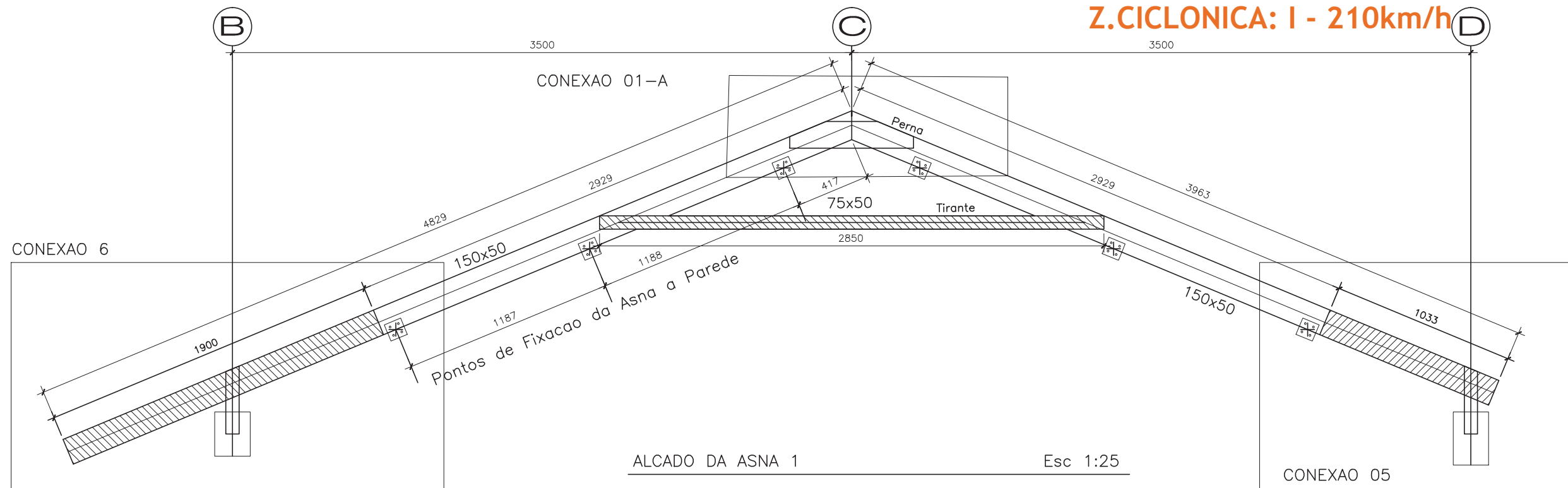


D03. PORMENOR DA FUNDAÇÃO DA VARANDA Esc. 1:10

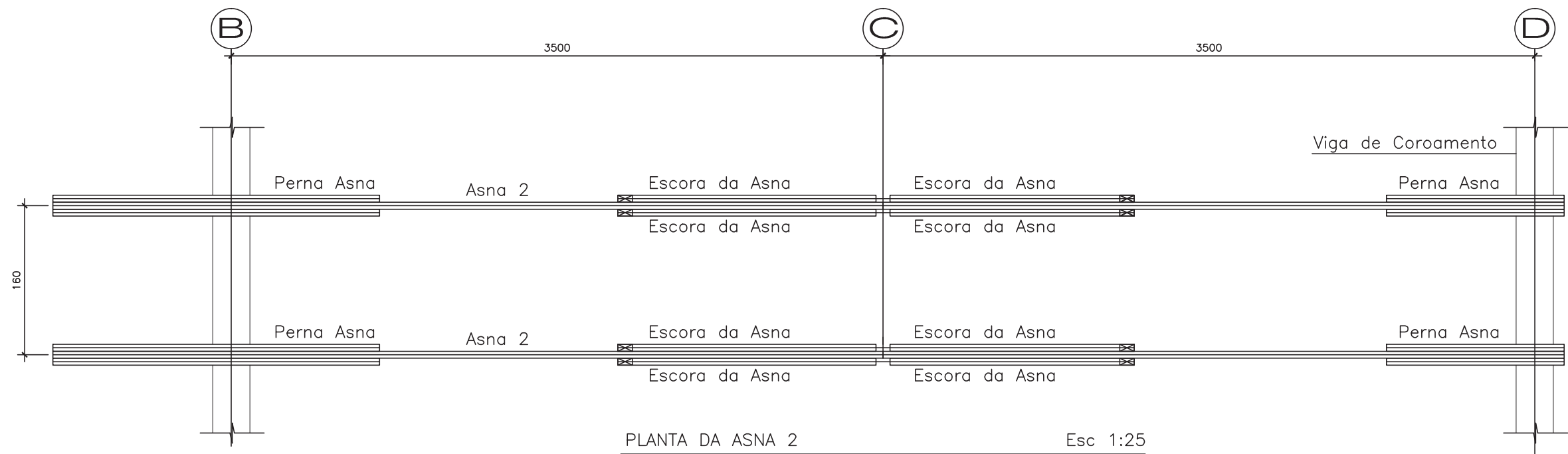
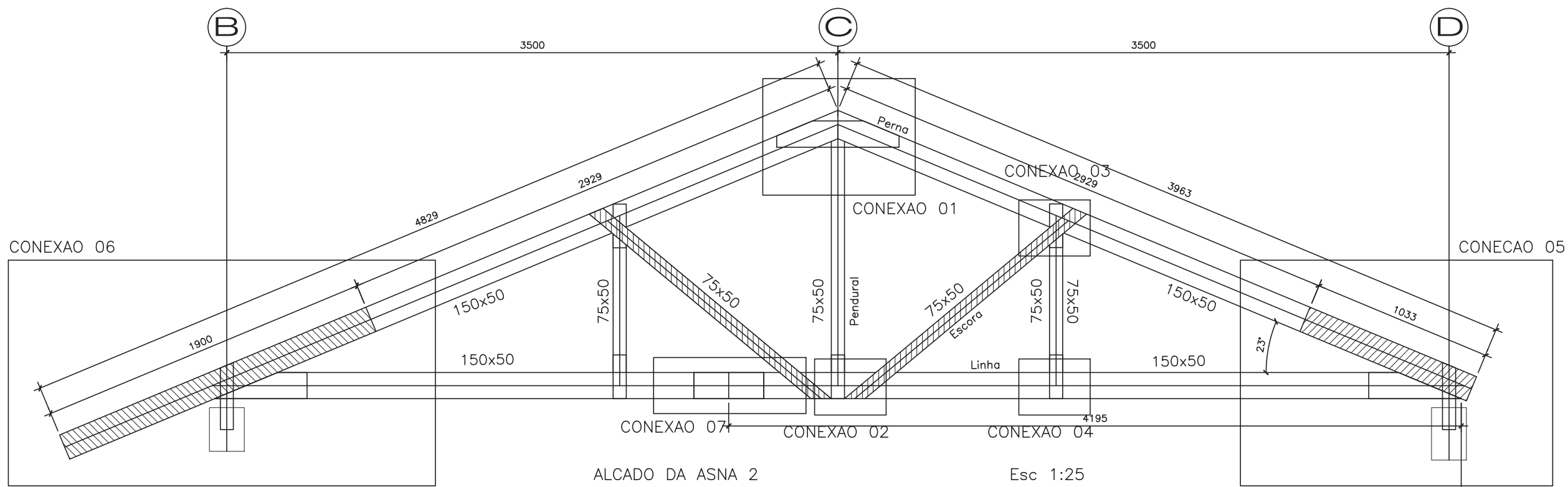
Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h



Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h

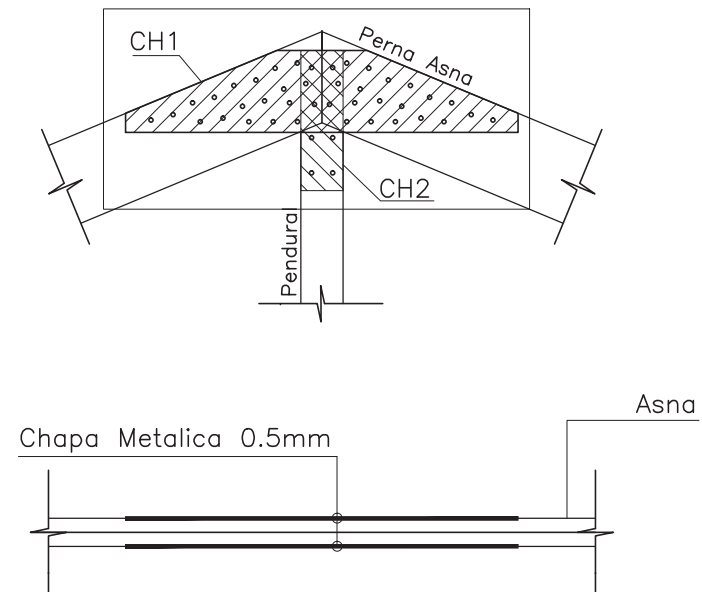


Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h

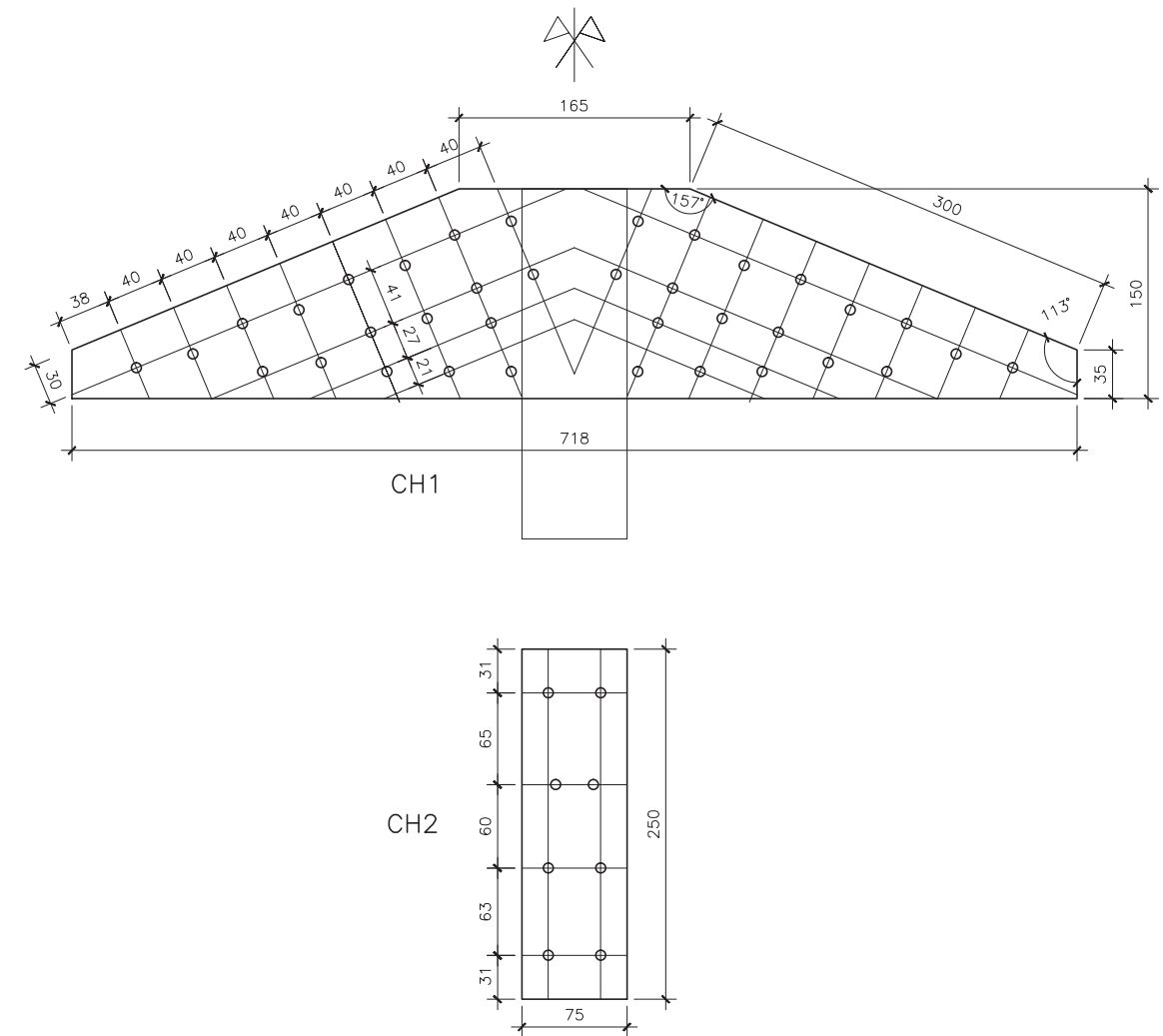


Z.SISMICA: I - 0.8m/m²
Z.CICLONICA: I - 210km/h

Fixacao da Chapa Metalica a Asna

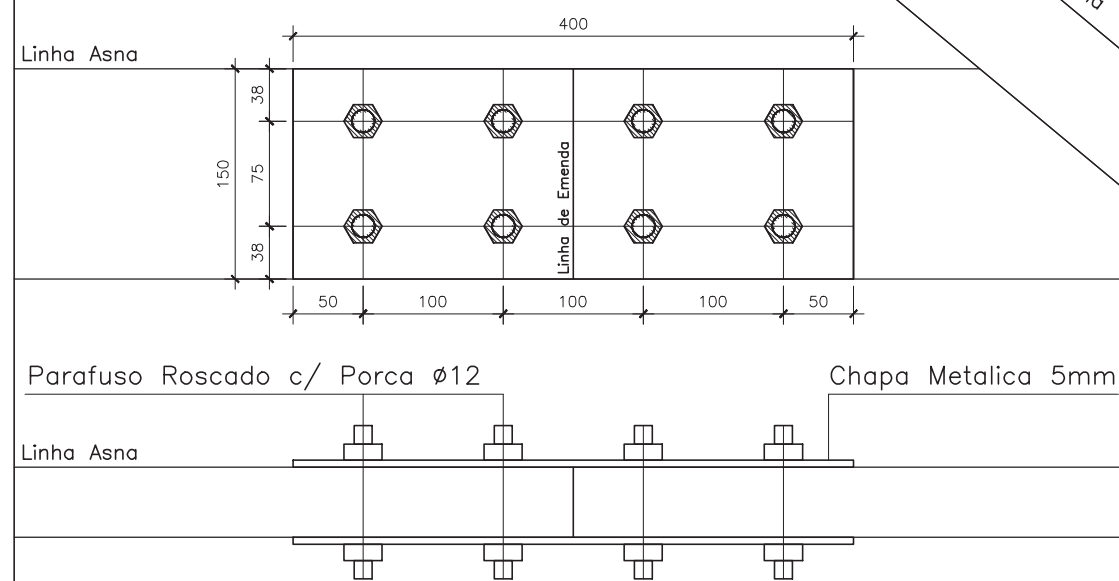


Esc 1:10

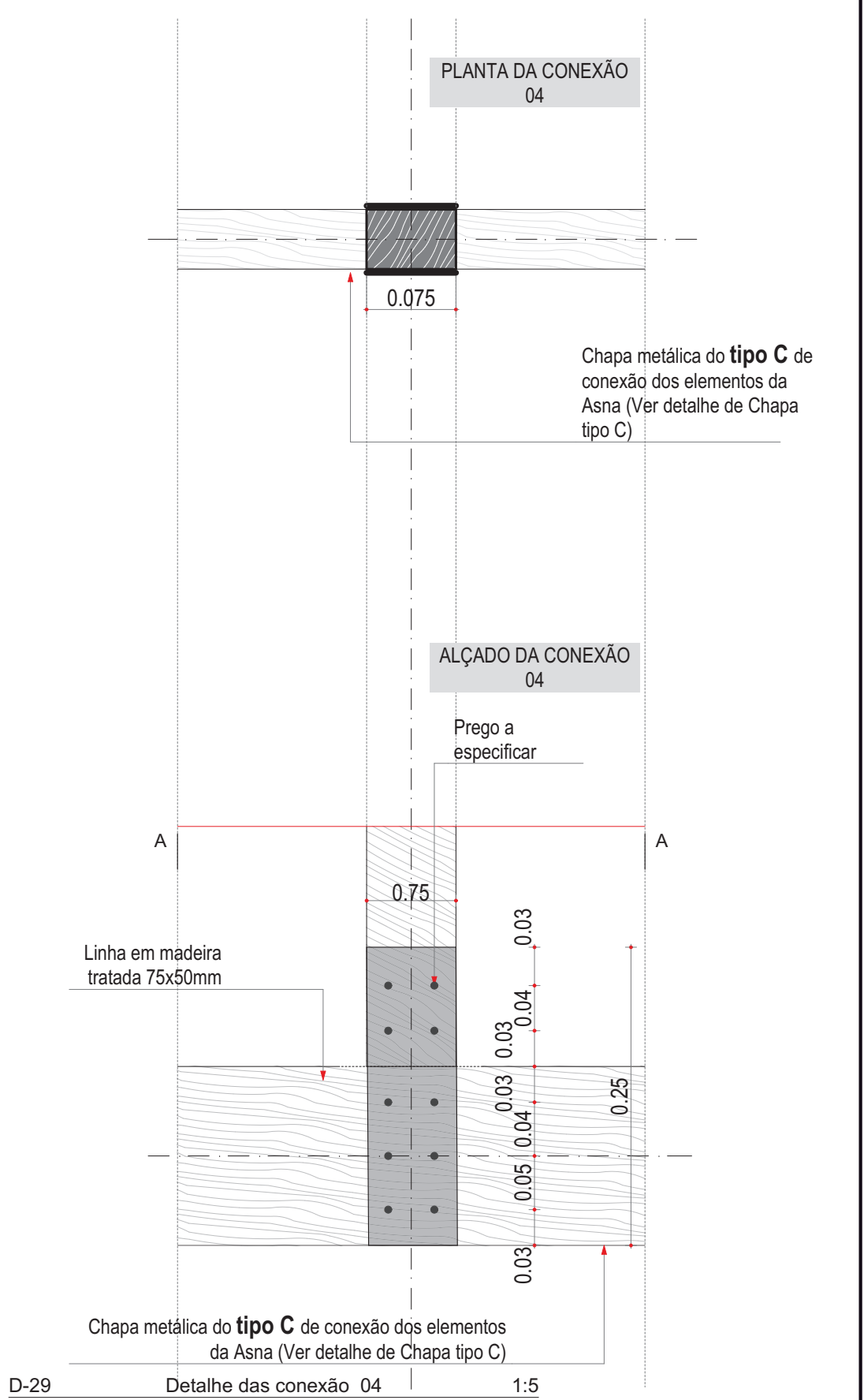
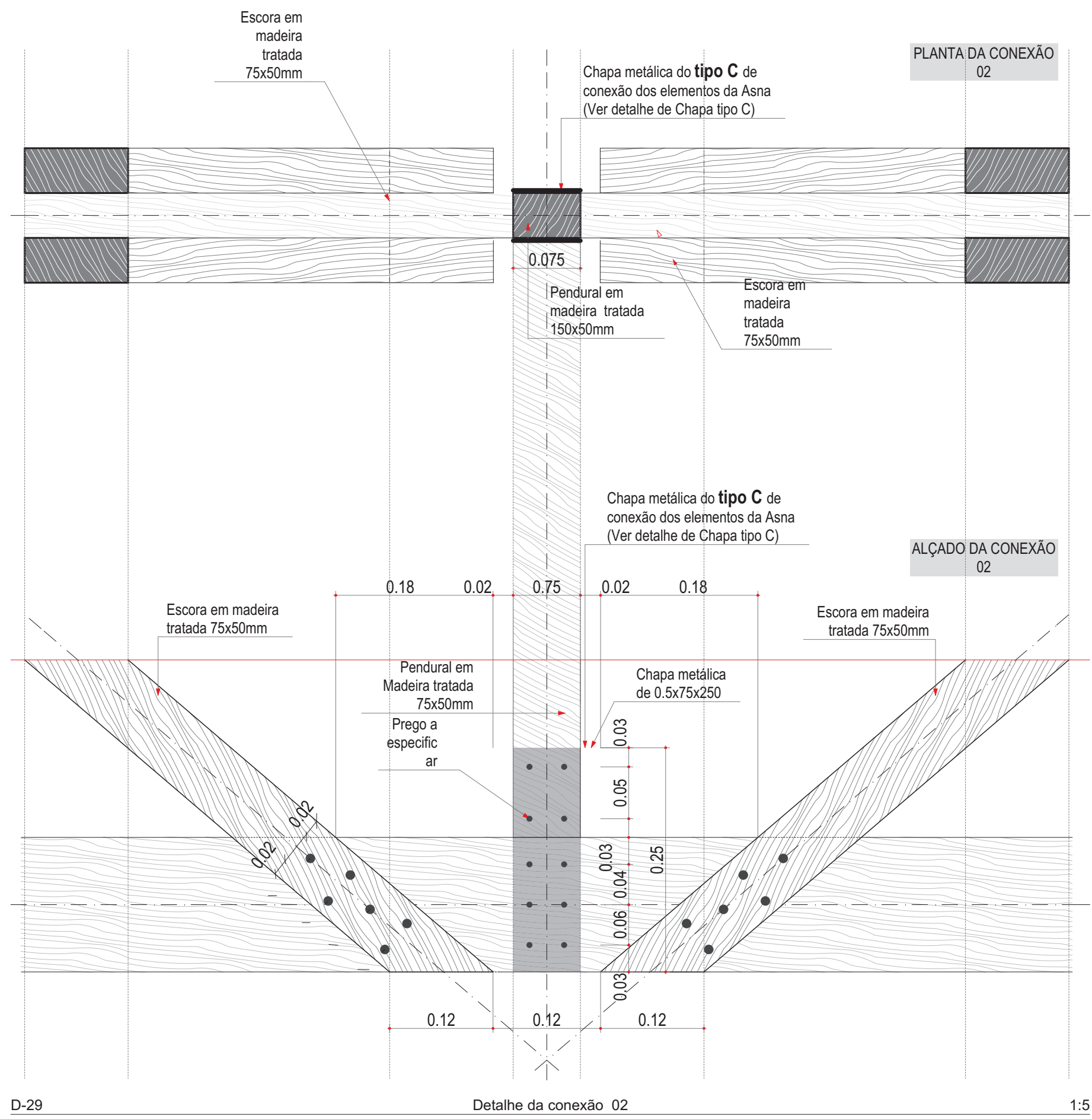


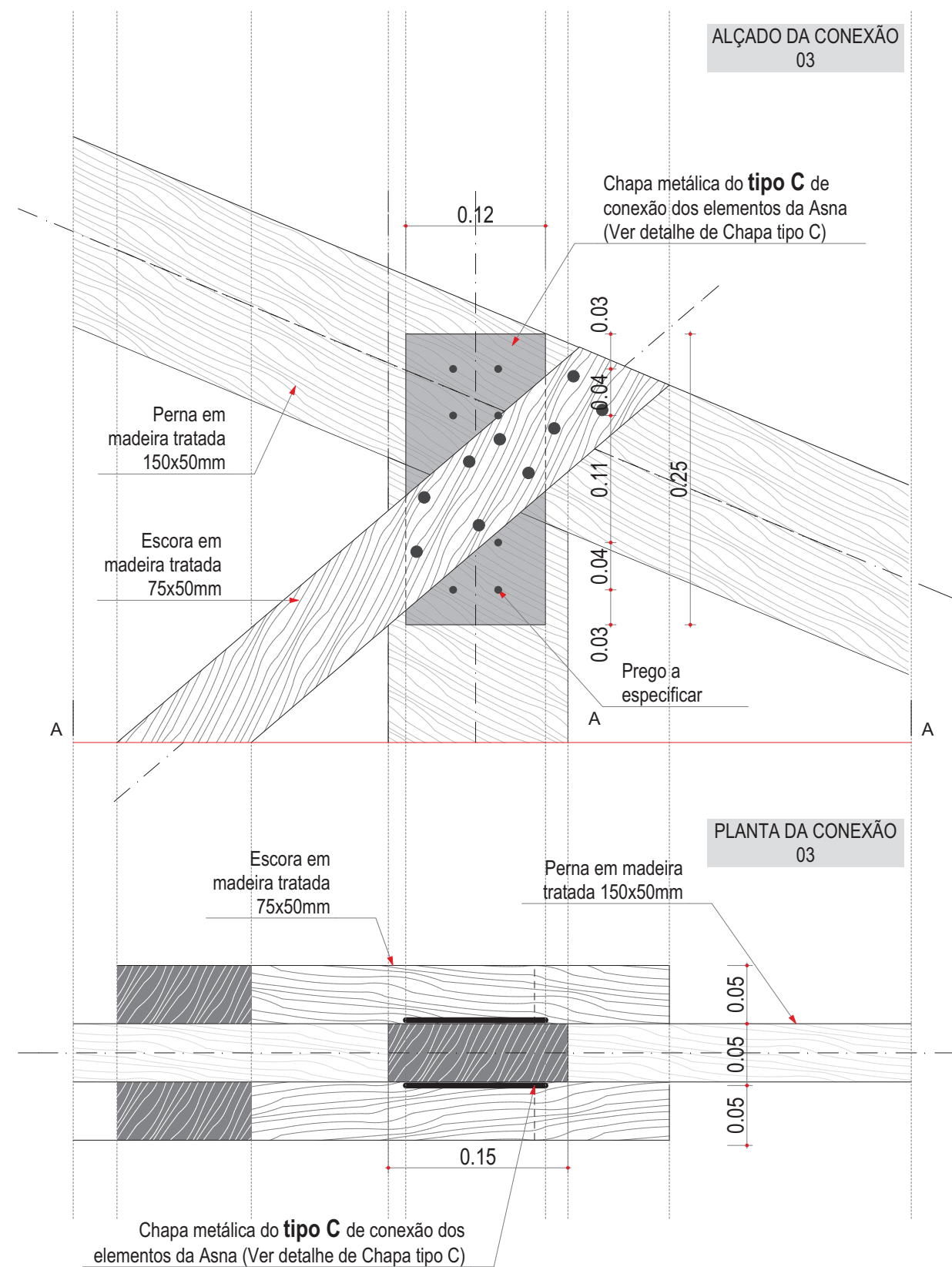
CONEXAO 01 – CHAPAS METALICA Esc 1:5

CONEXÃO 07
Estrutura para o ponto de Emenda do Barrote

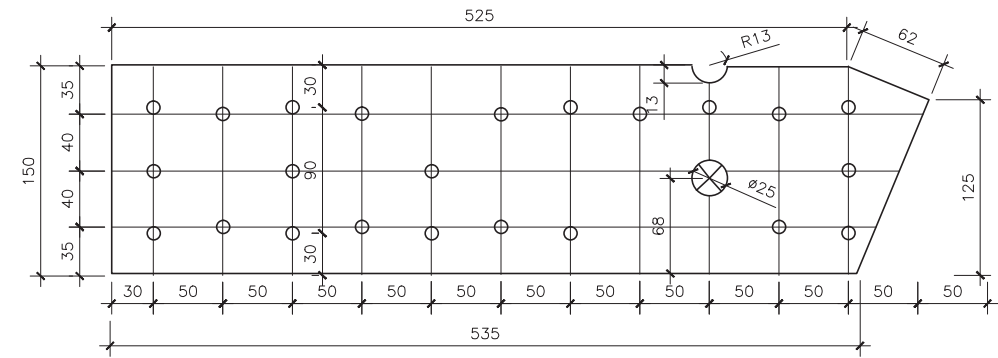
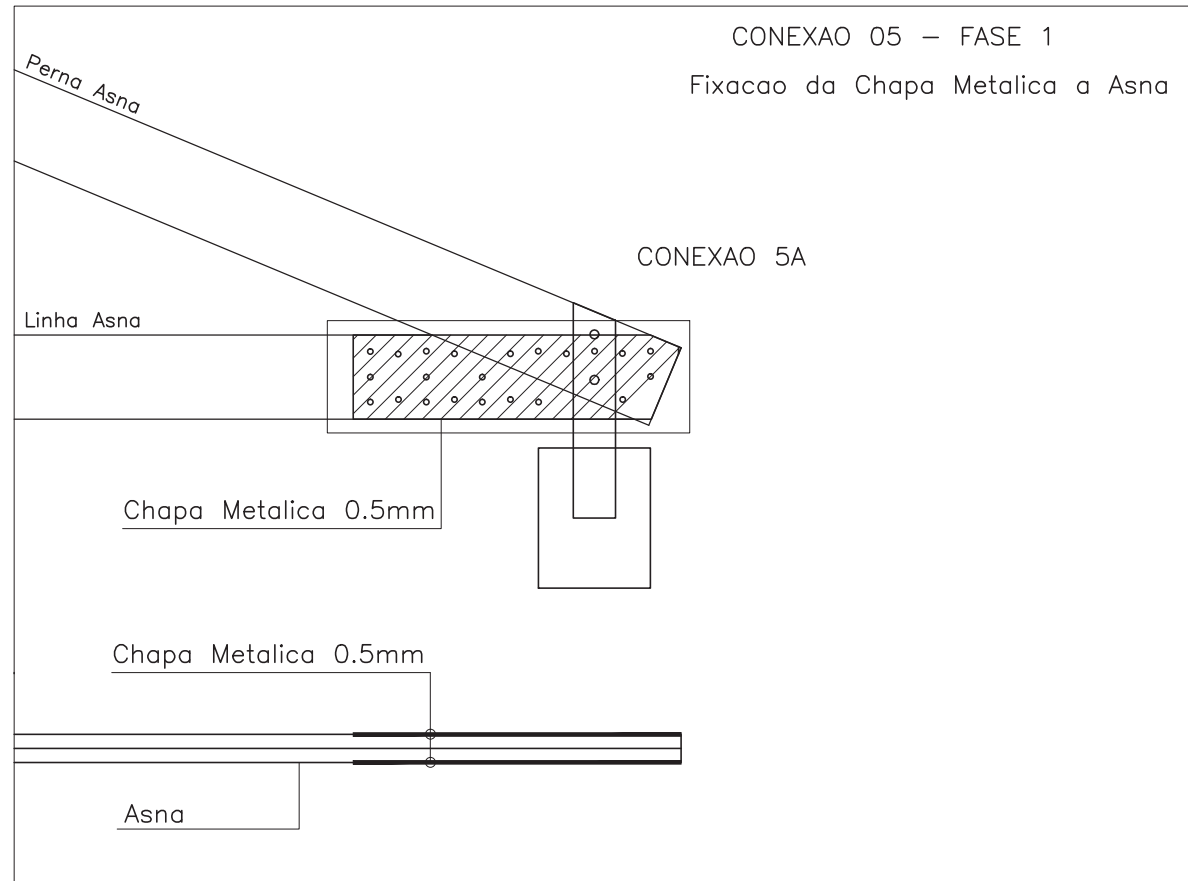


Esc 1:5

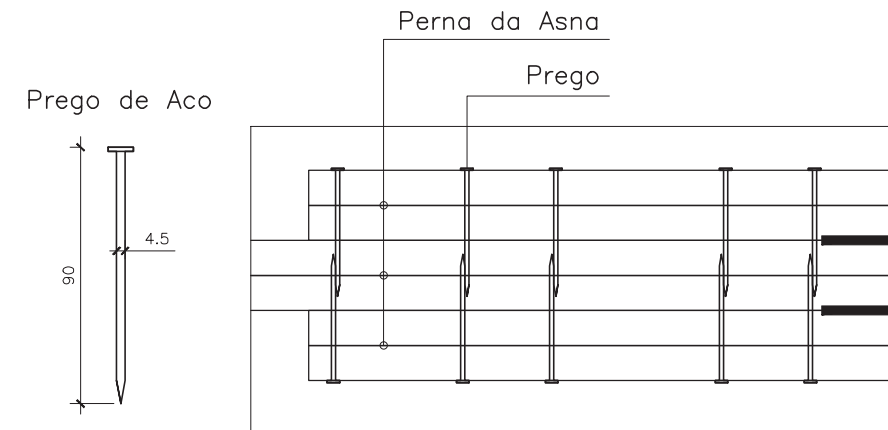
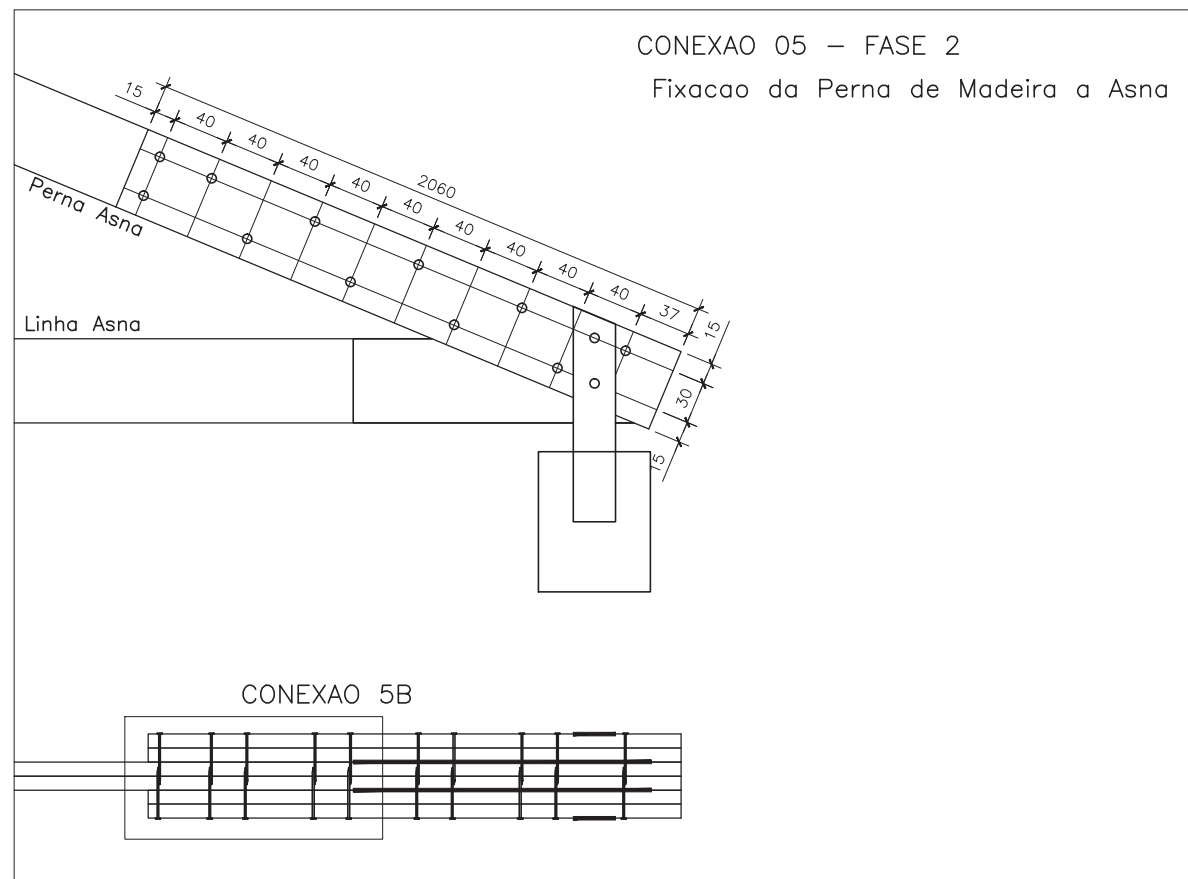




Z.SISMICA: I - 0.8m/m²
Z.CICLONICA: I - 210km/h

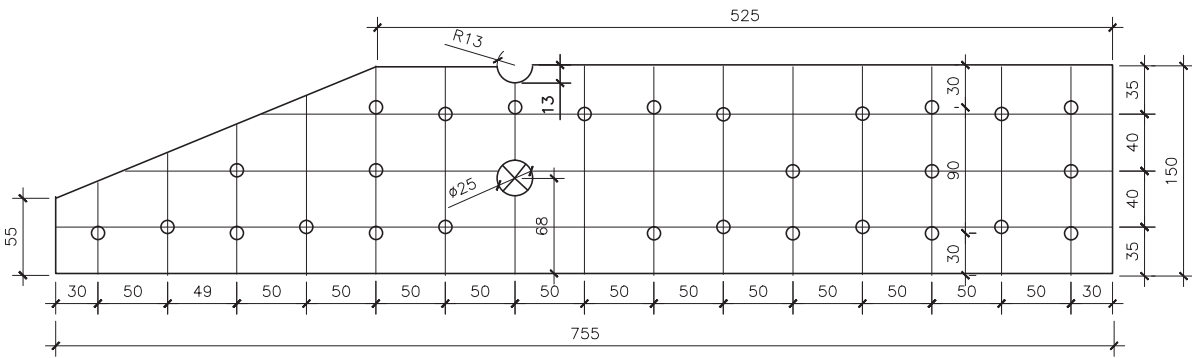
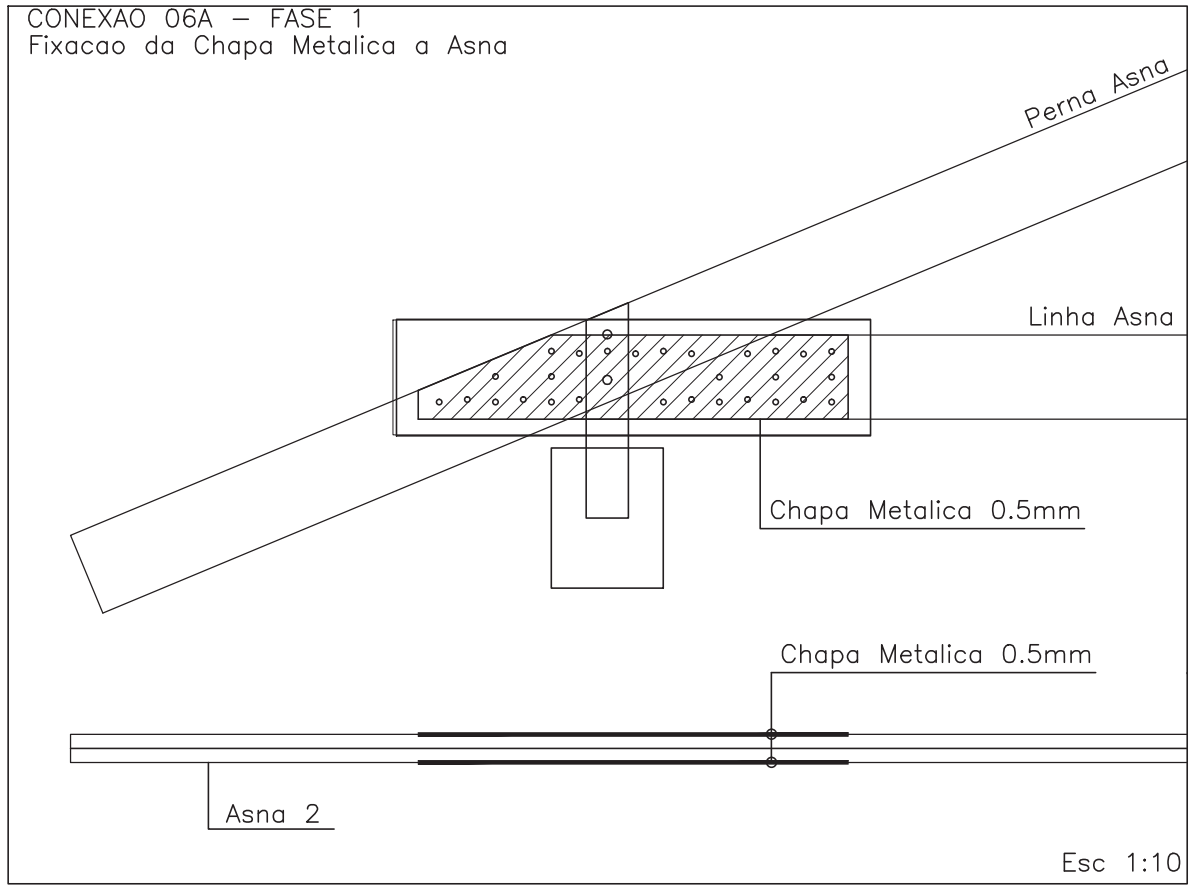


CONEXAO 05A – CHAPA METALICA Esc 1:5

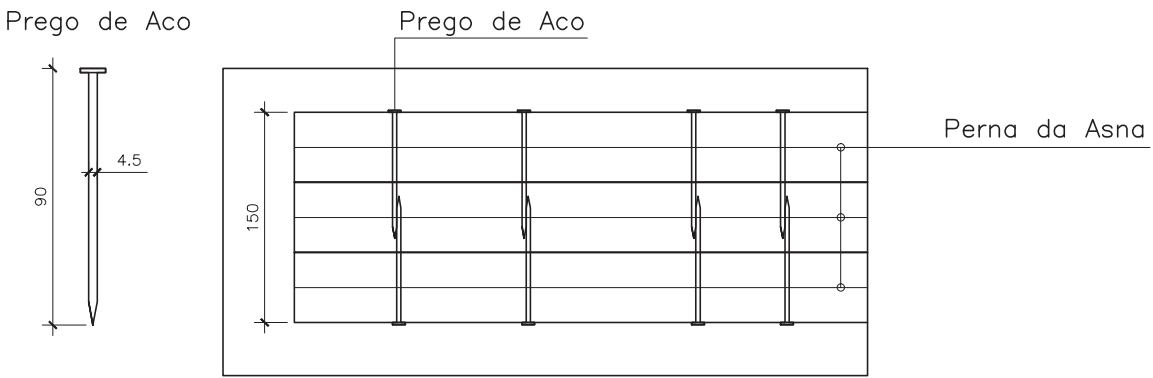
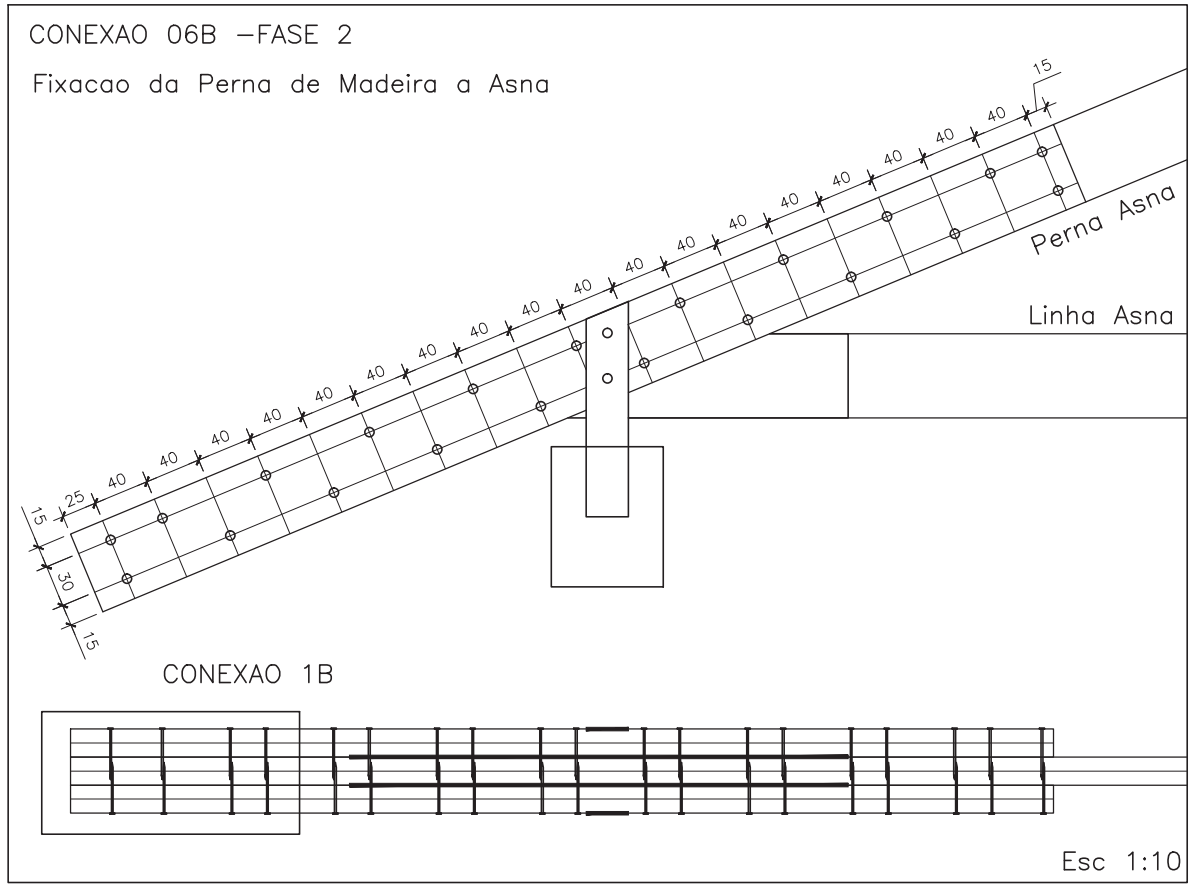


CONEXAO 5B – APARAFUSAMENTO DA PERNA DA ASNA Esc 1:5

Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h



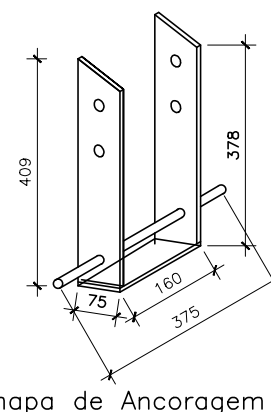
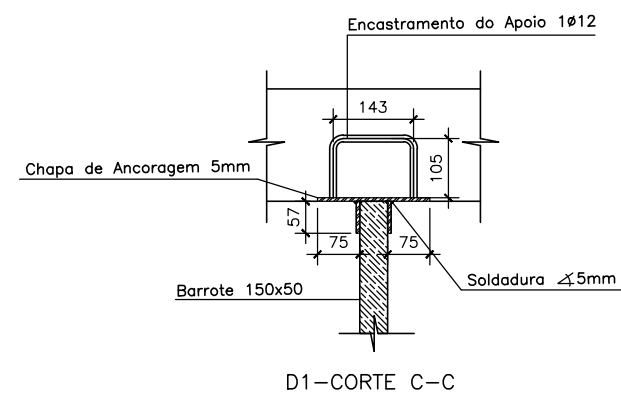
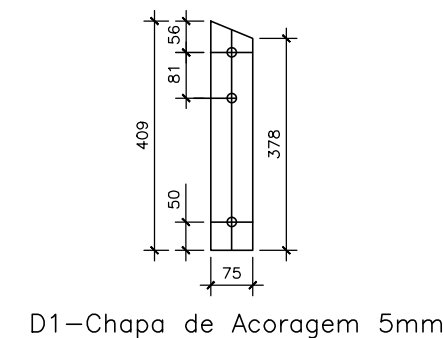
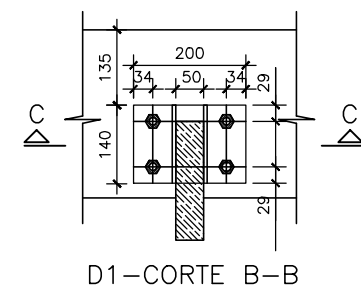
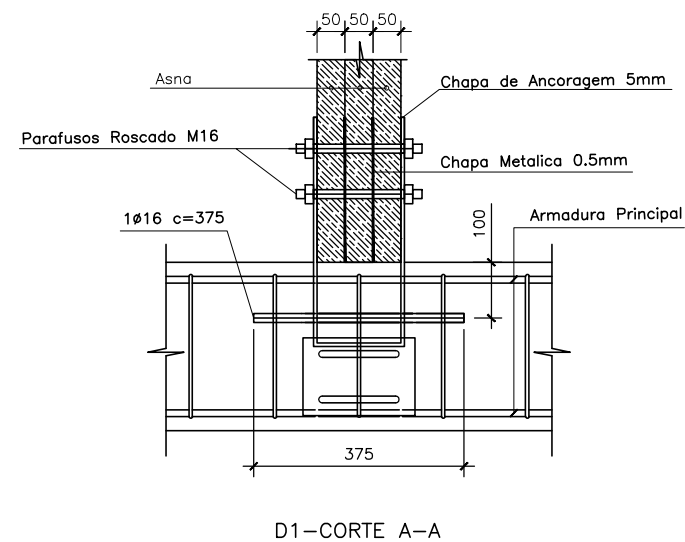
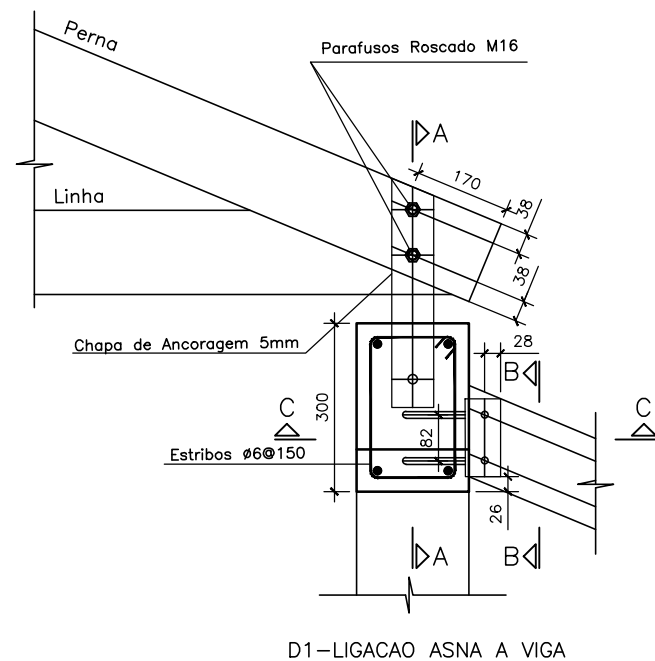
CONEXAO 6A – CHAPA METALICA Esc 1:5



CONEXAO 6B – APARAFUSAMENTO DA PERNA DA ASNA Esc 1:5

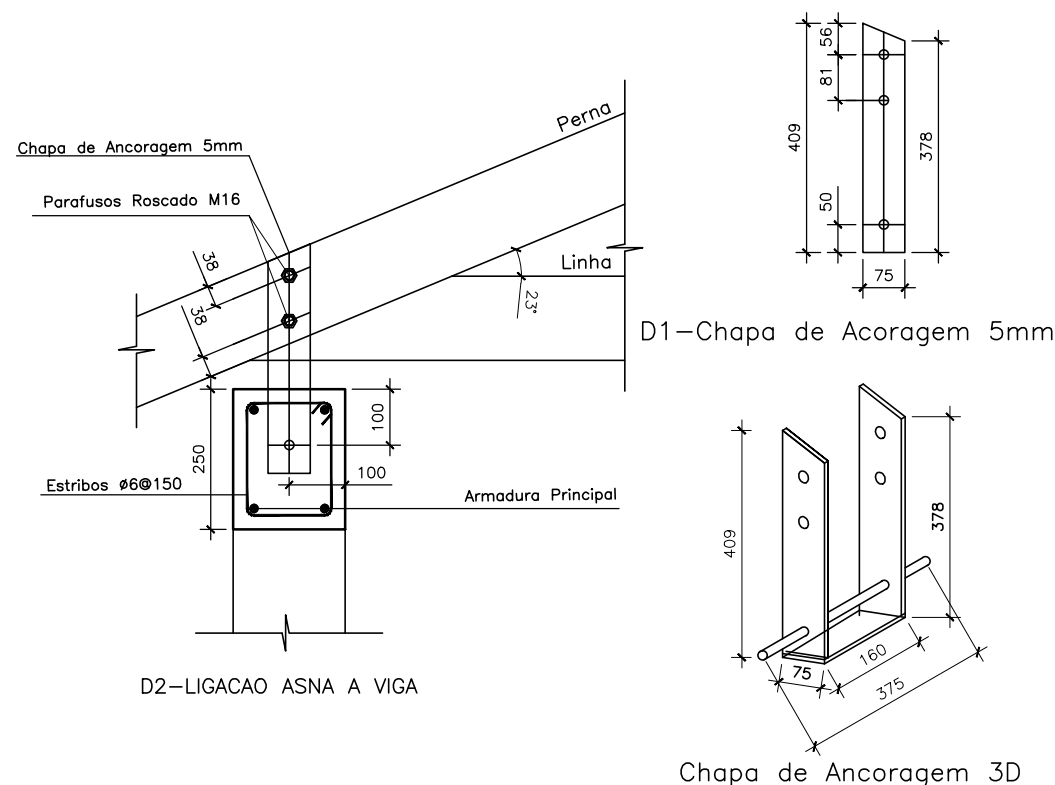
Z.SISMICA: I - 04-0.8m/m2
Z.CICLONICA: I - 210km/h

PORMENOR DE LIGACAO - D3

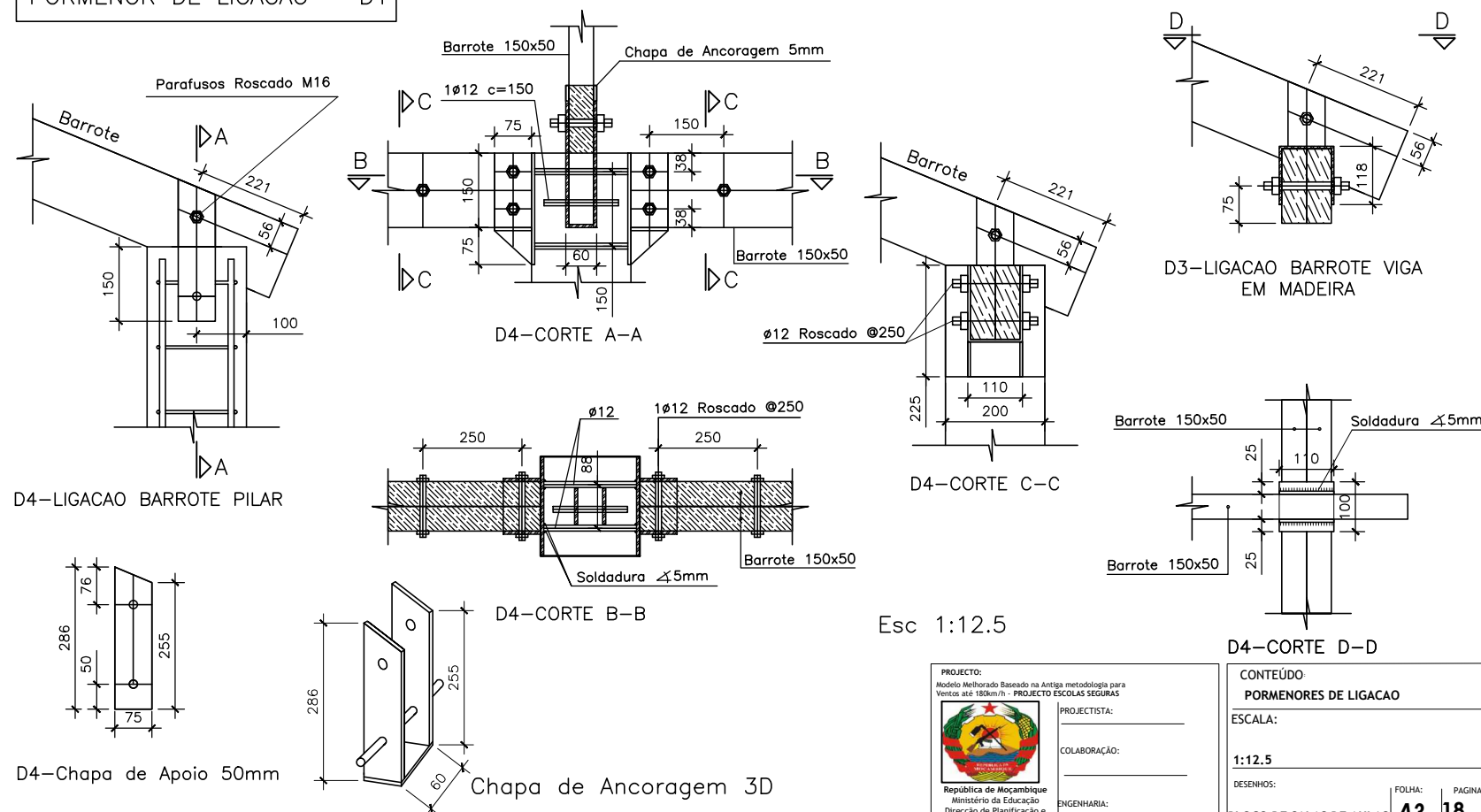


Esc 1:12.5

PORMENOR DE LIGACAO - D2

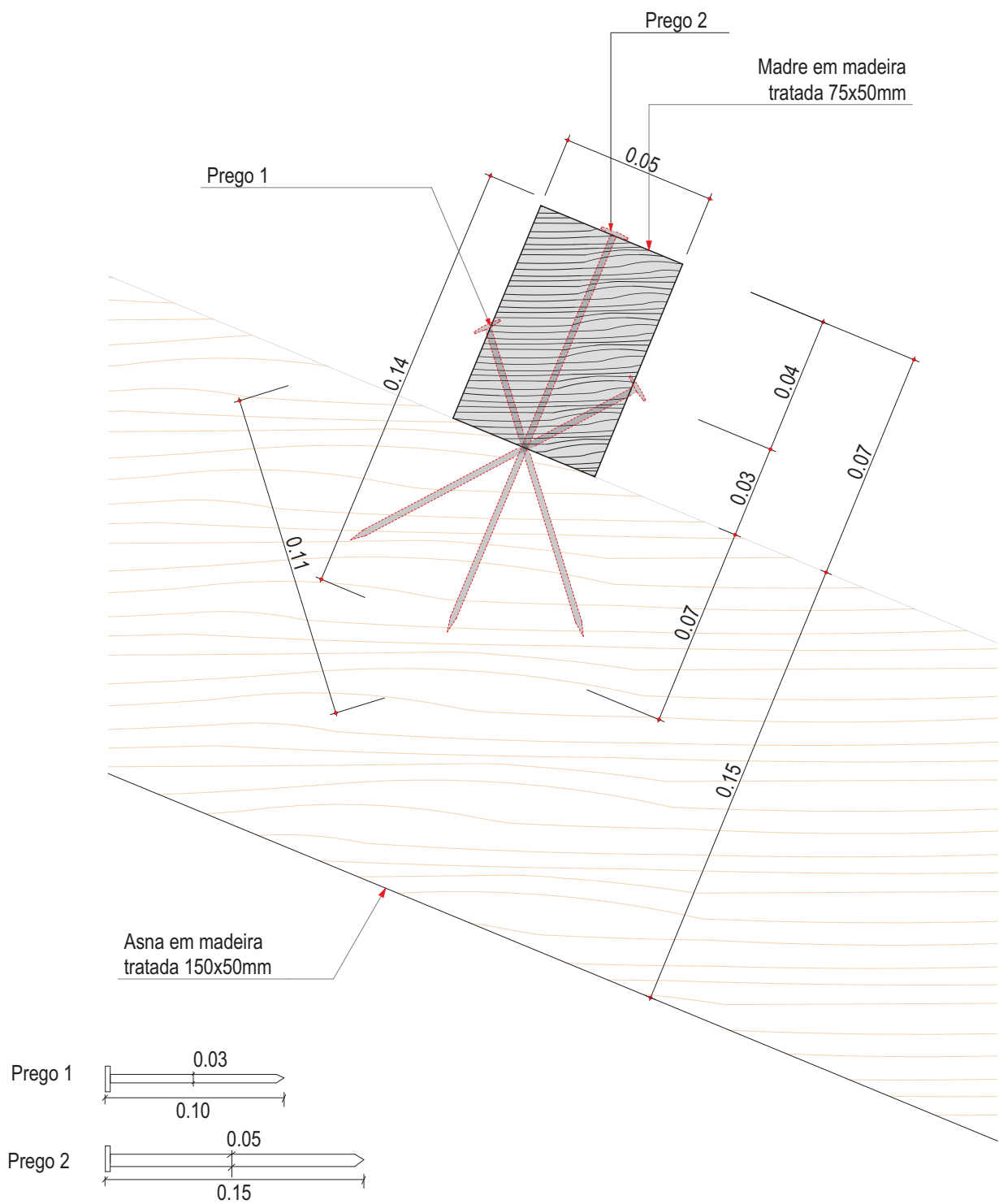


PORMENOR DE LIGACAO - D1

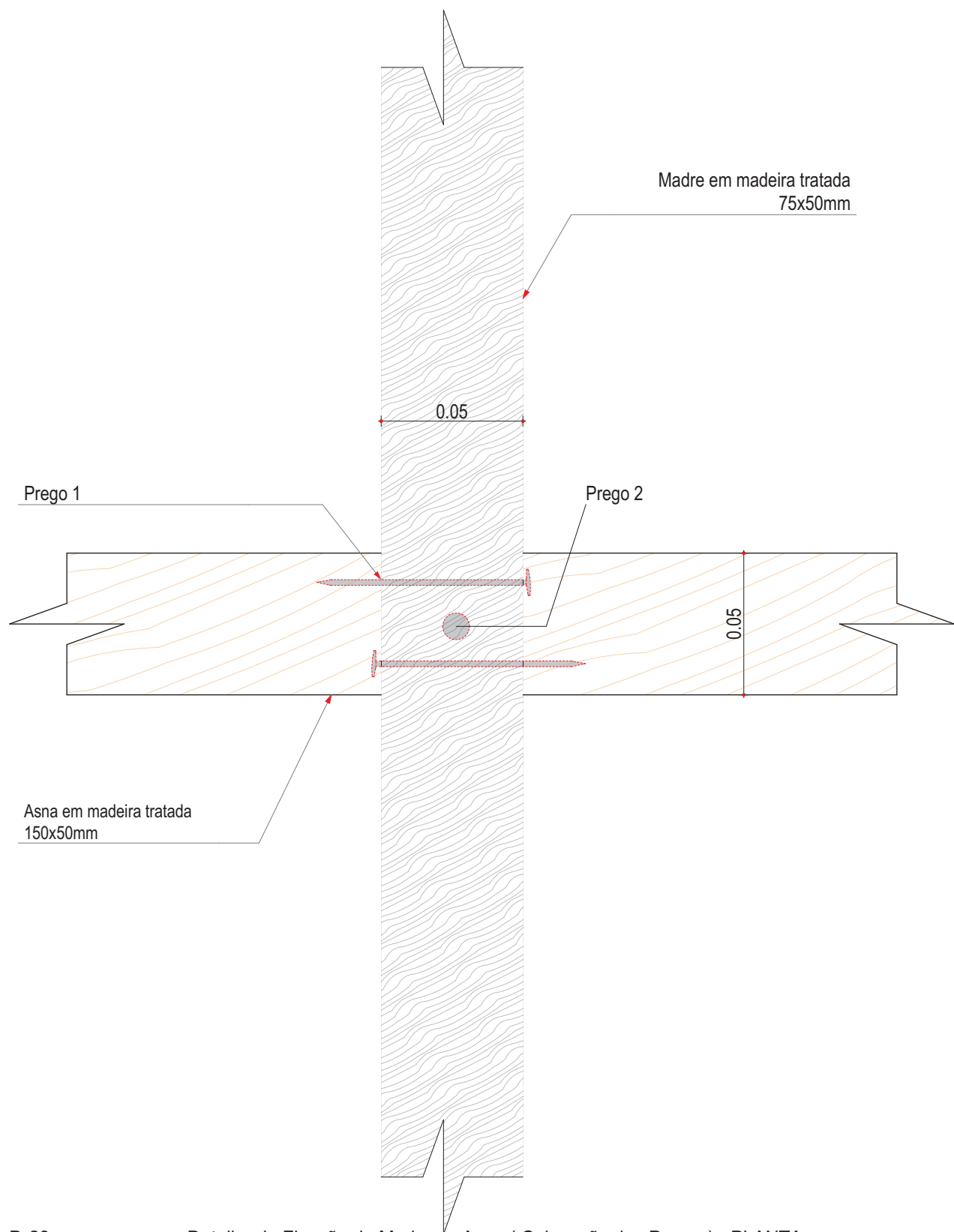


Esc 1:12.5

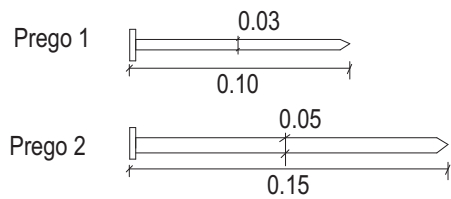
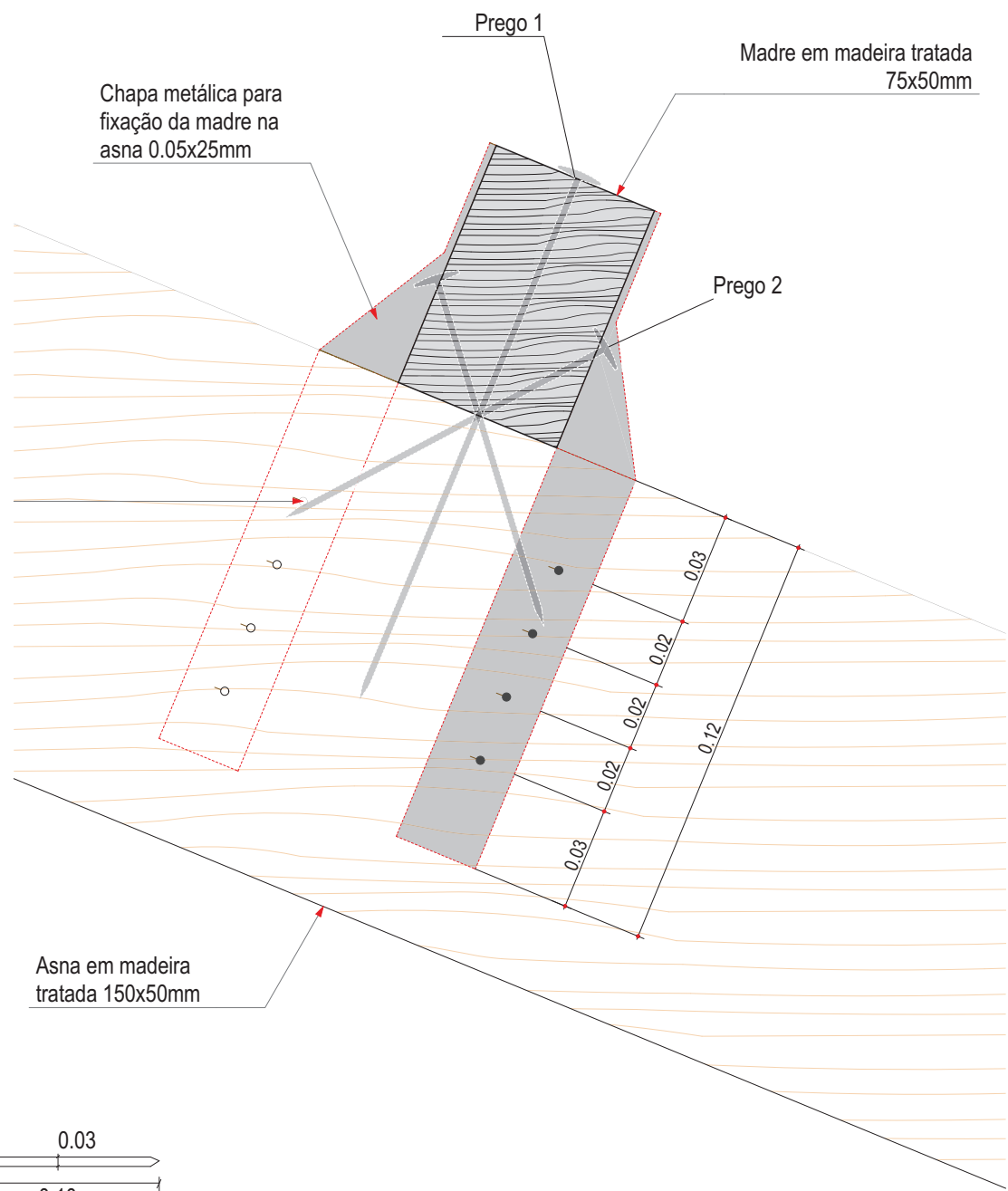
Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h



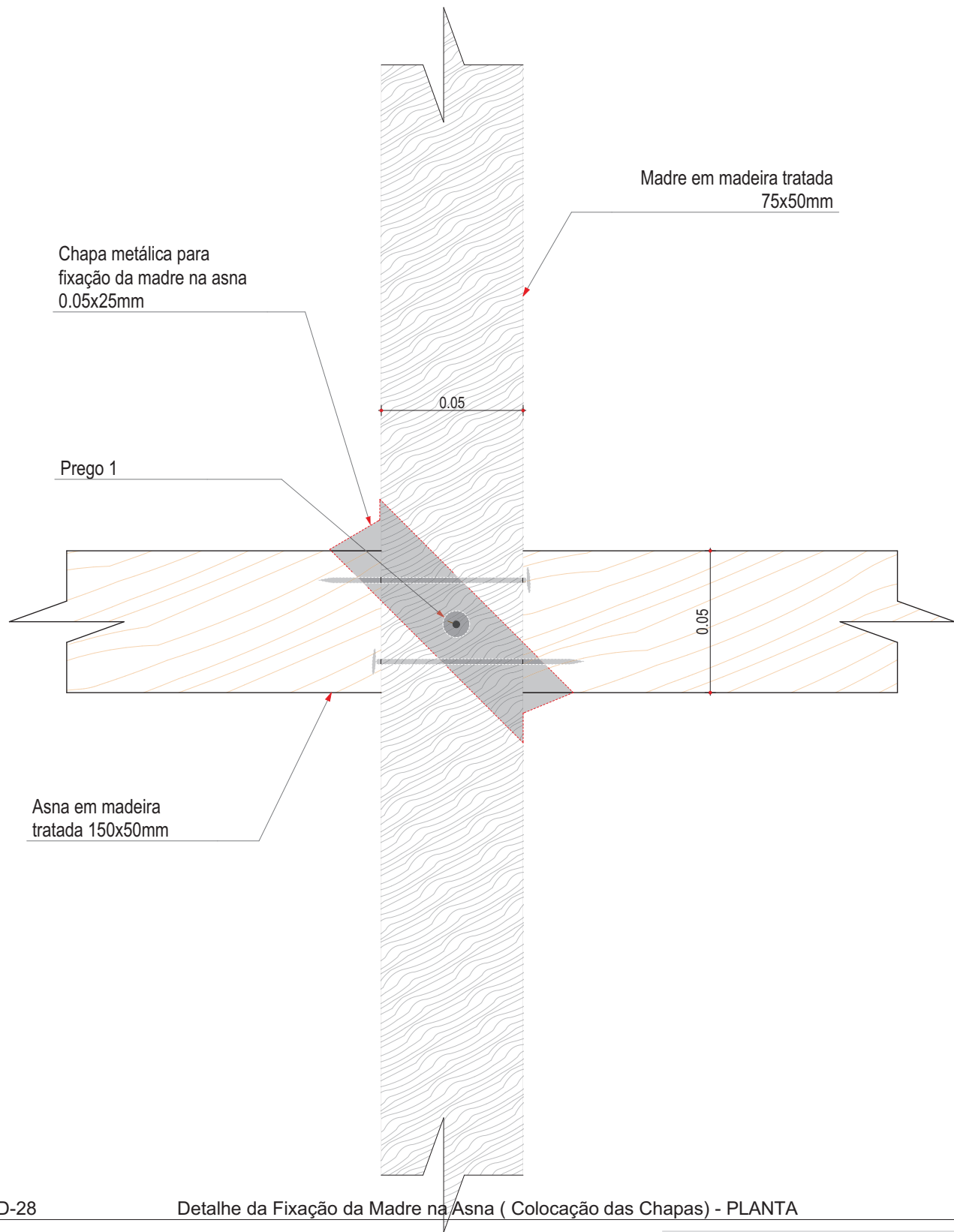
D-28 Detalhe da Fixação da Madre na Asna (Colocação dos Pregos) - CORTE 1:2



D-28 Detalhe da Fixação da Madre na Asna (Colocação dos Pregos) - PLANTA 1:2



D-28 Detalhe da Fixação da Madre na Asna (Colocação das Chapas) - CORTE 1:2



D-28 Detalhe da Fixação da Madre na Asna (Colocação das Chapas) - PLANTA 1:2



PROJECTO:
Modelo Melhorado Baseado na Antiga metodologia para Ventos até 180km/h - PROJECTO ESCOLAS SEGURAS

PROJECTISTA:

COLABORAÇÃO:

ENGENHARIA:

CONTEÚDO
Detalhe da Fixação da Madre na Asna (Colocação dos Pregos)

ESCALA:
1:2

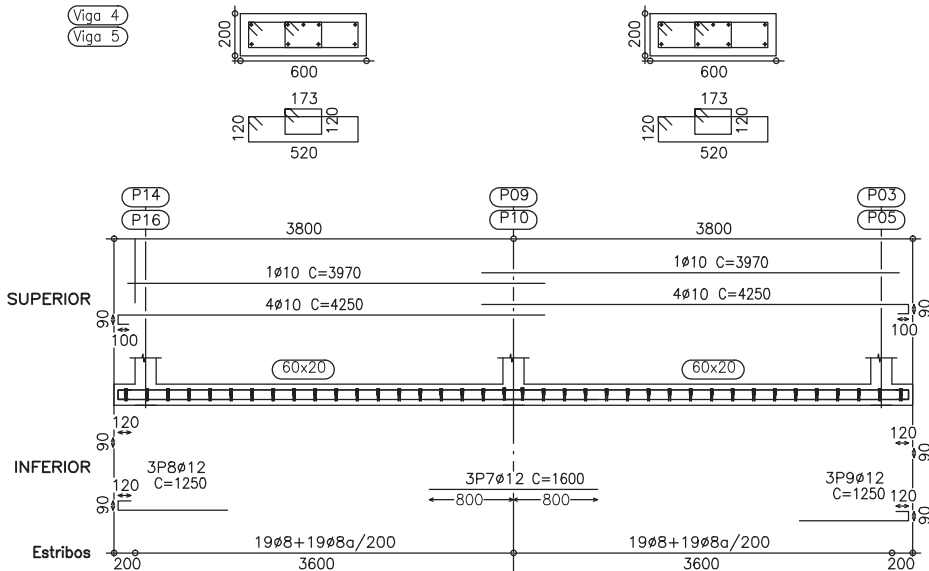
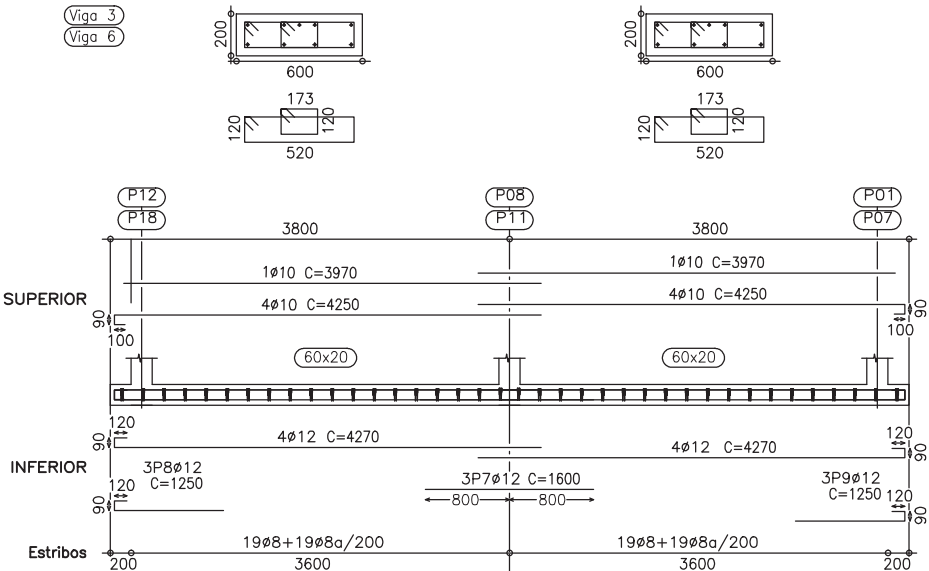
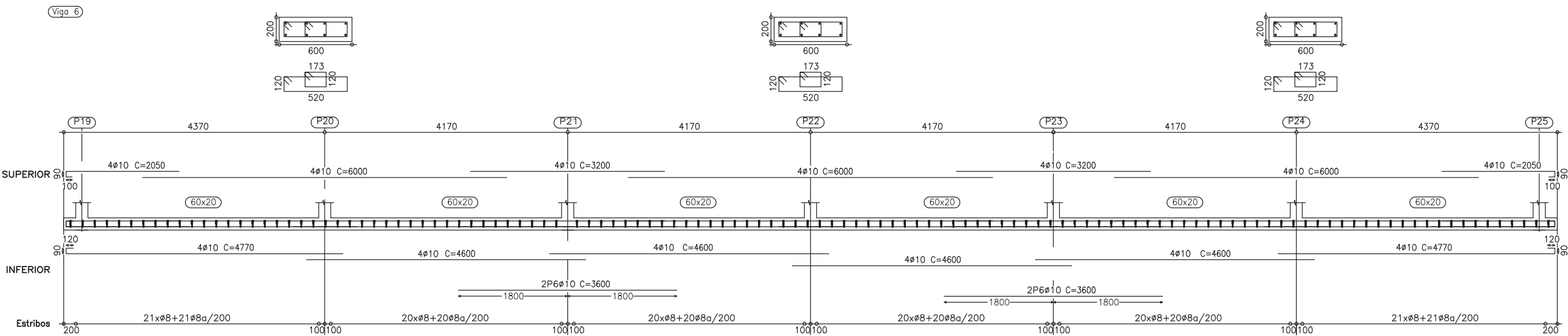
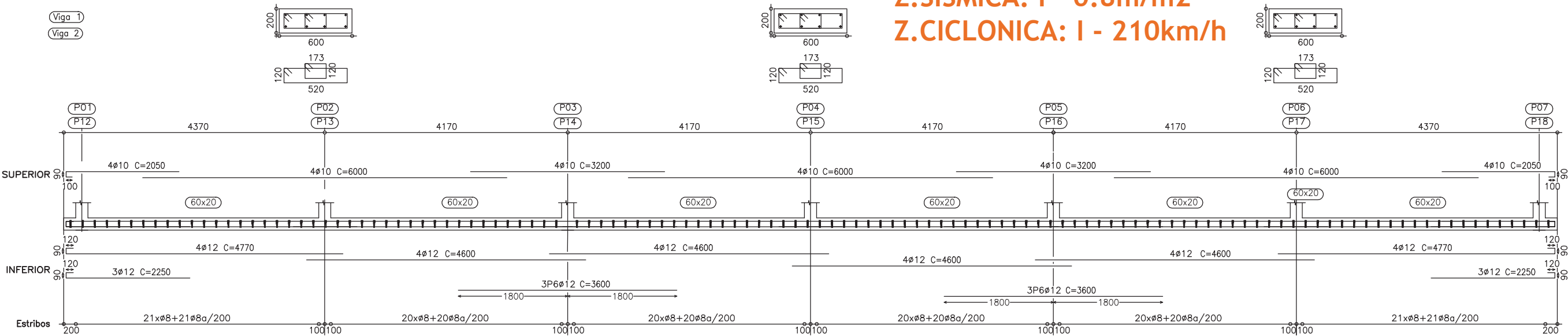
DESENHOS:

BLOCO DE 3 SALAS DE AULAS

FOLHA: **A3**

PÁGINA: 20 de 26

Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h



NOTAS:

FE360

AÇO: A400

BETÃO:

- B25–Vigas
- Lajes dos pisos
- Pilares
- B20–Lajes de pavimento térreo

Recobrimento 50mm–Vigas Fundacao



PROJECTO:
Modelo Melhorado Baseado na Antiga metodologia para Ventos até 180km/h - PROJECTO ESCOLAS SEGURAS

PROJECTISTA: _____

COLABORAÇÃO: _____

ENGENHARIA: _____

CONTEÚDO
VIGAS DE FUNDACAO

ESCALA:

DESENHOS:

BLOCO DE 3 SALAS DE AULAS

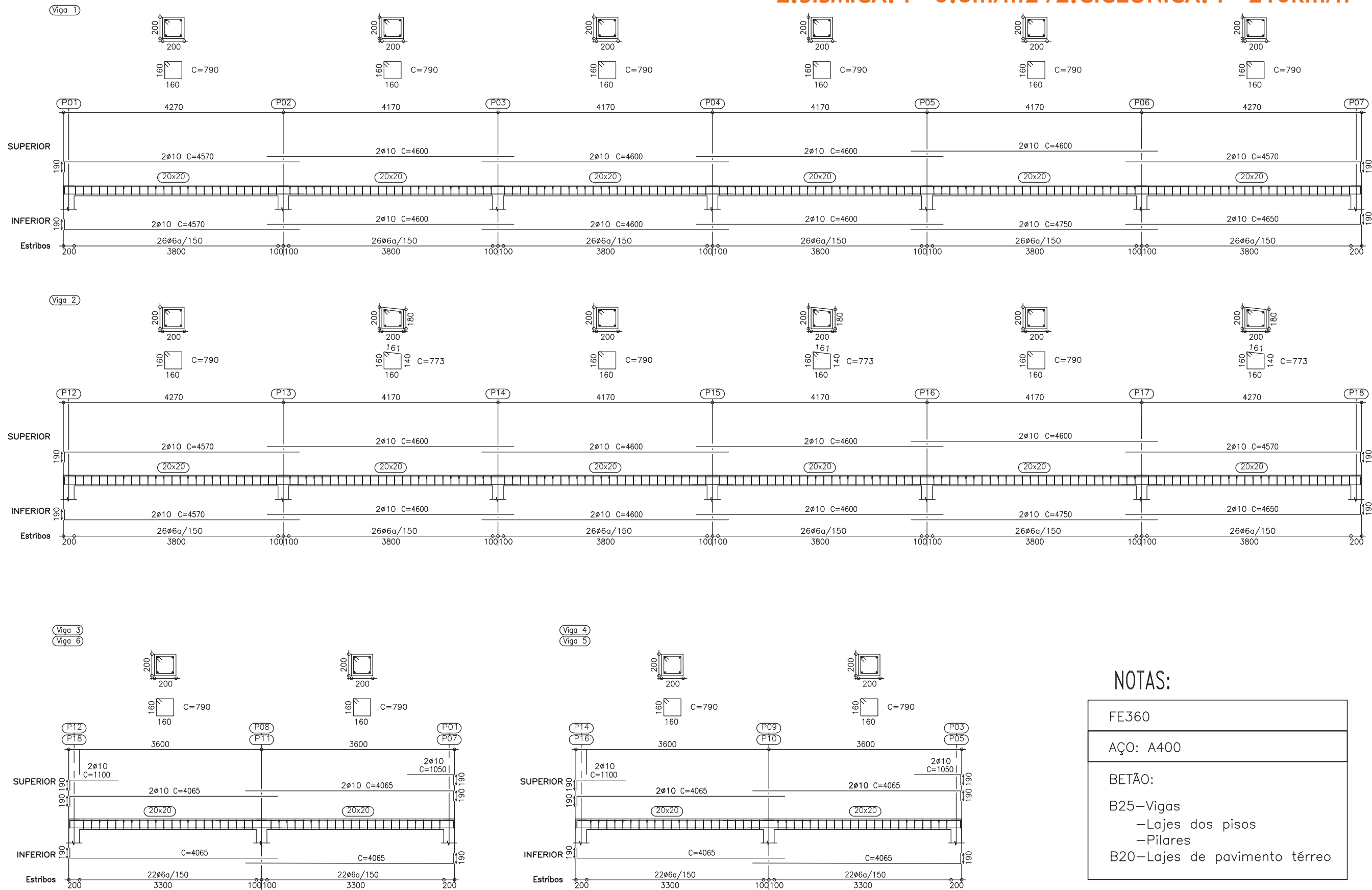
FOLHA:

PAGINA:

A3

21

de 26



NOTAS:

FE360

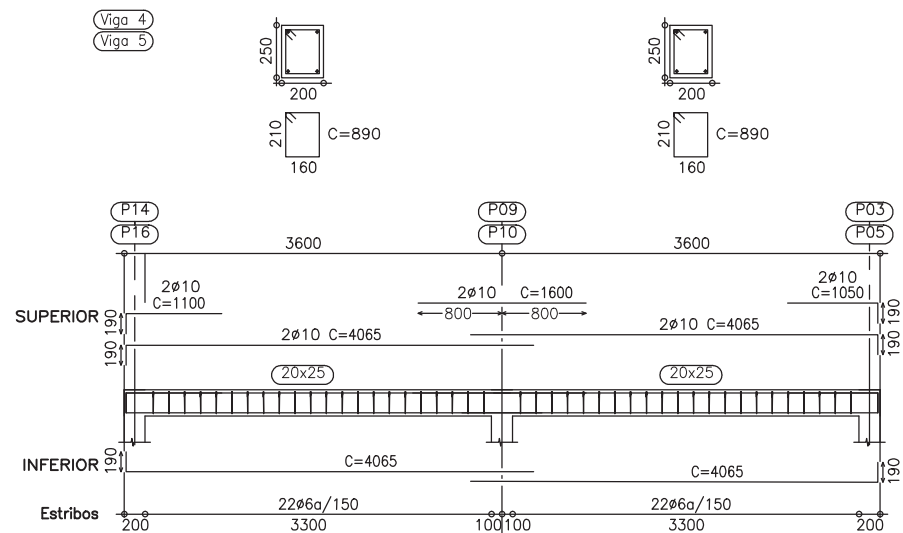
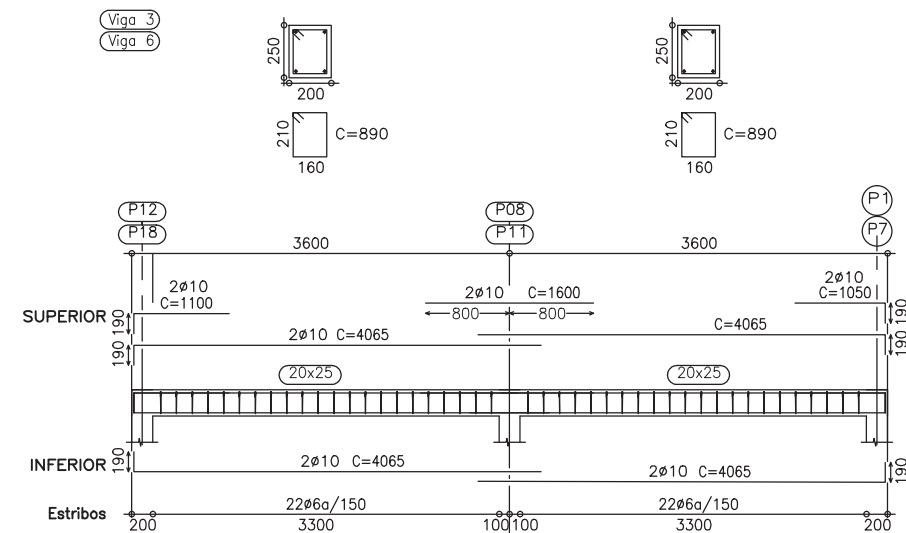
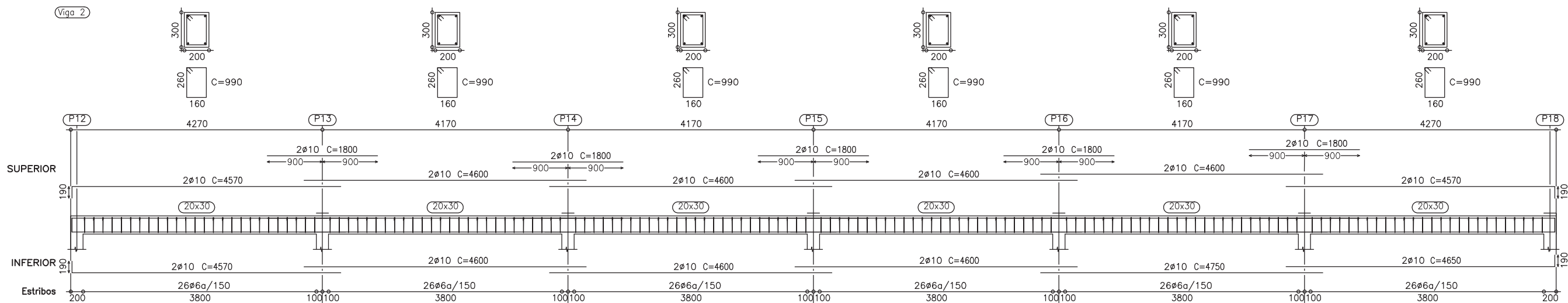
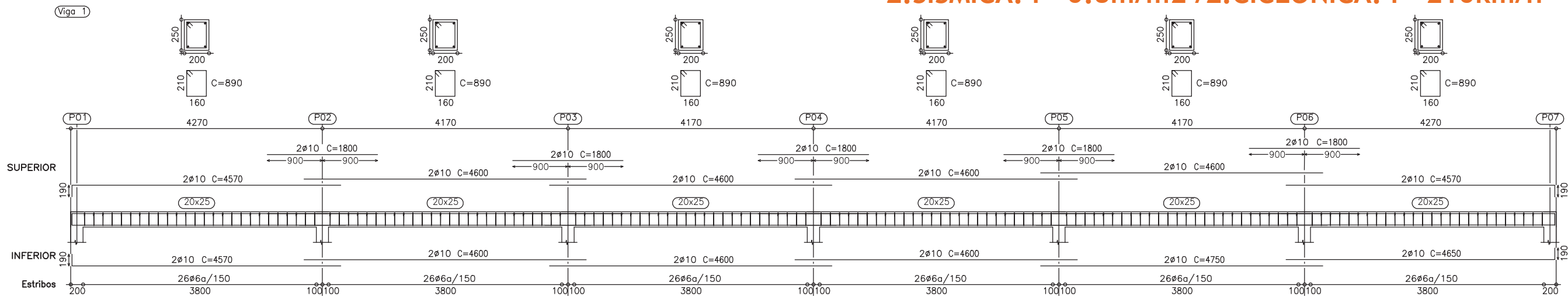
AÇO: A400

BETÃO:

- B25–Vigas
- Lajes dos pisos
- Pilares
- B20–Lajes de pavimento térreo

* Os trocos entre os Pilares P13–P4, P15–P16, P17–P18 tem uma seccao diferente.

Z.SISMICA: I - 0.8m/m2 /Z.CICLONICA: I - 210km/h



NOTAS:

FE360
AÇO: A400
BETÃO: B25-Vigas -Lajes dos pisos -Pilares B20-Lajes de pavimento térreo
Recobrimento 25mm-Pilares/Vigas



PROJECTO:
Modelo Melhorado Baseado na Antiga metodologia para Ventos até 180km/h - PROJECTO ESCOLAS SEGURAS

PROJECTISTA:

COLABORAÇÃO:

ENGENHARIA:

CONTEÚDO
VIGAS DE COROAMENTO

ESCALA:

DESENHOS:

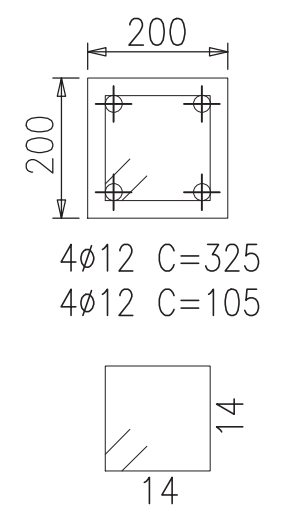
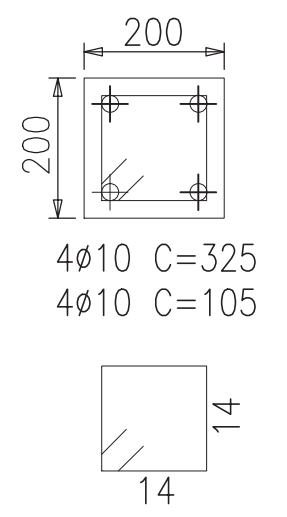
BLOCO DE 3 SALAS DE AULAS

FOLHA:

23

PÁGINA:

de 26

P1=P2=P3 P4=P5=P6 P7=P8=P9 P10=P11=P12 P13=P14=P15 P16=P17=P18	P19=P20=P21 P22=P23=P24 P25
 4Ø12 C=325 4Ø12 C=105 14 21Ø6a/15 C=71	 4Ø10 C=325 4Ø10 C=105 14 21Ø6a/15 C=71

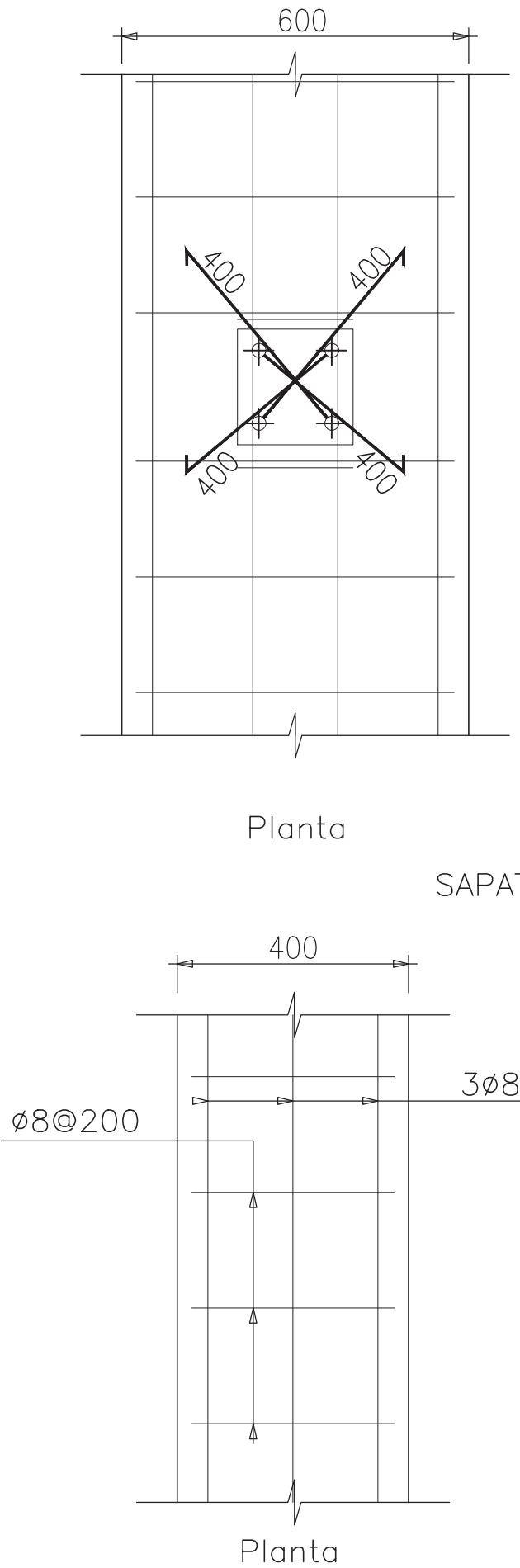
Cobertura

Fundacao

QUADRO DE PILARES

NOTAS:

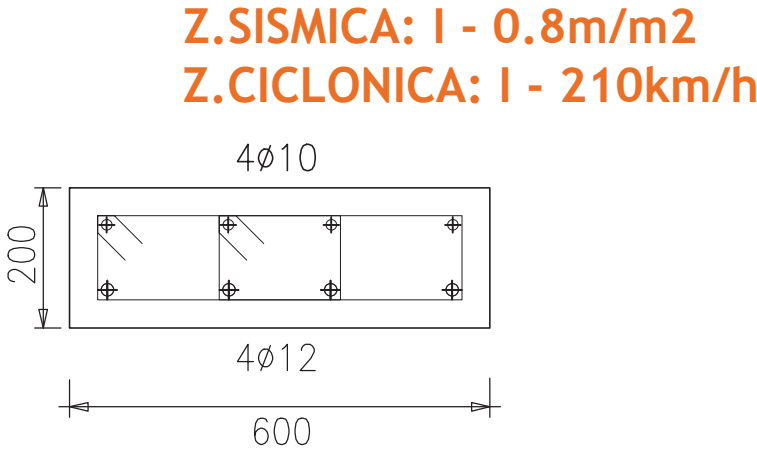
FE360
AÇO: A400
BETÃO: B25–Vigas –Lajes dos pisos –Pilares B20–Lajes de pavimento térreo



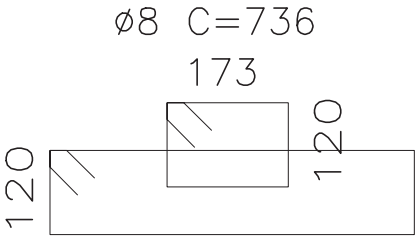
Planta

SAPATA CORRIDA –200x600

Planta

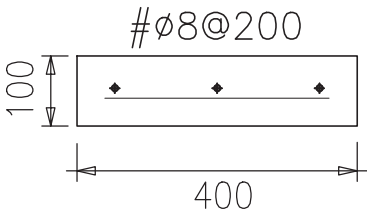


Corte–Armadura Principal



520
Ø8 C=1430

Estribos



Corte–Armadura Principal

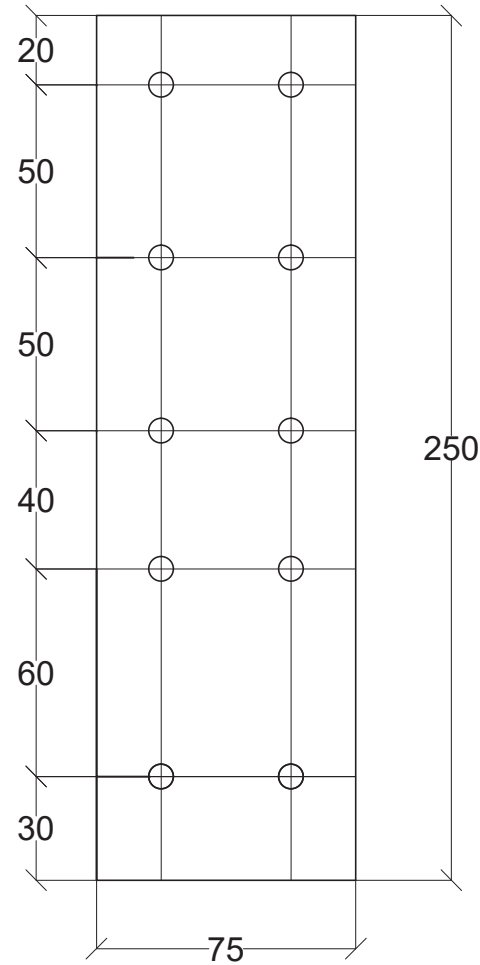
SAPATA CORRIDA –100x400

Z.SISMICA: I - 0.8m/m²
Z.CICLONICA: I - 210km/h

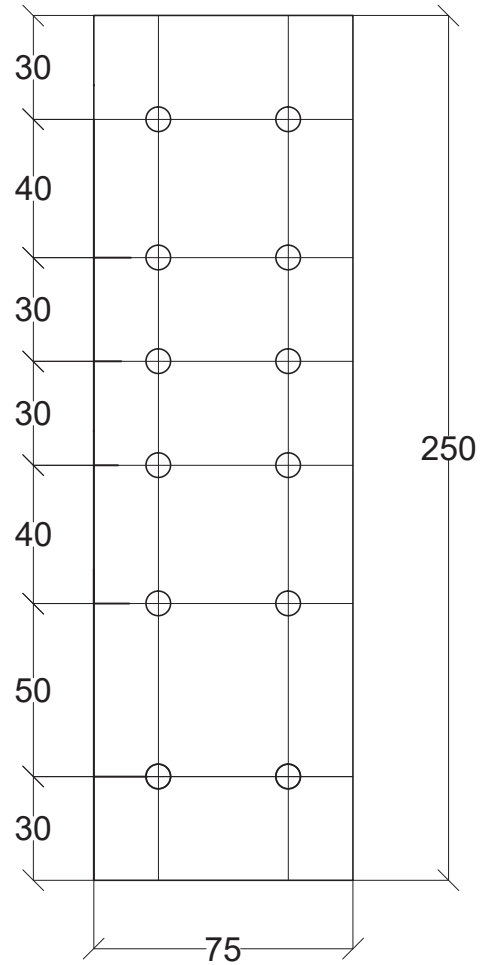


CHAPA METALICA - CONEXAO 01

Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h

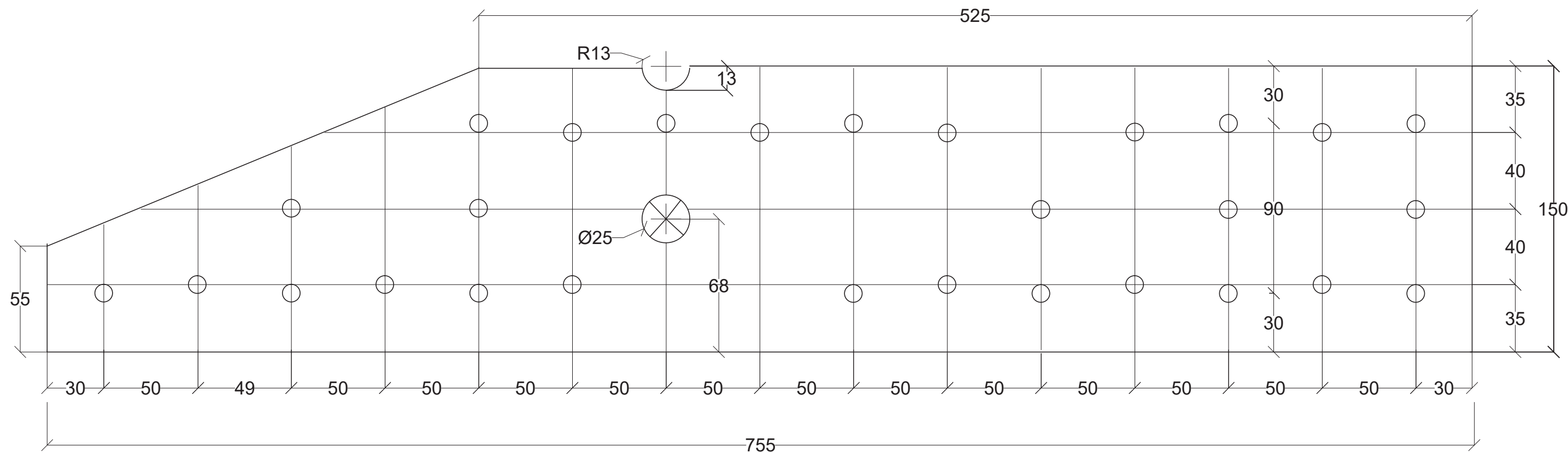


CHAPA METALICA - CONEXAO 02

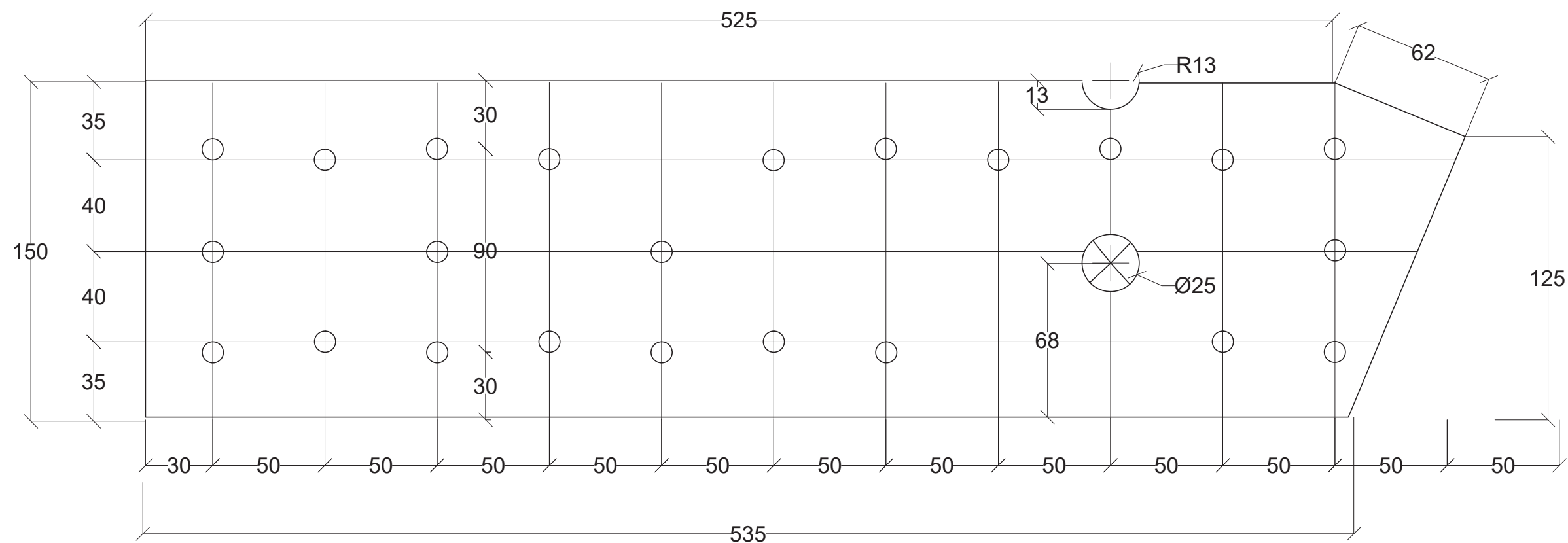


CHAPA METALICA - CONEXAO 03

Z.SISMICA: I - 0.8m/m2
Z.CICLONICA: I - 210km/h



CHAPA METALICA - CONEXAO 06



CHAPA METALICA - CONEXAO 05