

[illegible]

DETALHE D-12

VISTA FRONTAL

SEÇÃO HORIZONTAL

SEÇÃO VERTICAL

PARAF. #1/2"x1/4"

PERFIL. "I" S"x27,70b/m

PERFIL. "I" S"x27,70b/m

PARAF. #1/2"x2,1/8"

CH. 1/4"

SEÇÃO VERTICAL

SEÇÃO HORIZONTAL

DETALHE D-12 is a technical drawing showing three views of a roof structure detail. The front view (VISTA FRONTAL) shows a gabled roof with a central ridge. The horizontal section (SEÇÃO HORIZONTAL) shows the roof structure from the side, with a central ridge and a sloped roof. The vertical section (SEÇÃO VERTICAL) shows the roof structure from the front, with a central ridge and a sloped roof. The drawing includes dimensions for the roof structure, including the height of the ridge (105), the width of the roof (105), and the height of the roof (105). It also shows the dimensions for the roof structure, including the height of the ridge (105), the width of the roof (105), and the height of the roof (105). The drawing includes dimensions for the roof structure, including the height of the ridge (105), the width of the roof (105), and the height of the roof (105).

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# DETALHE D-11

CA-25 Ø 12" C/ ROSCA

CA-25 Ø 1/2 C/ ROSCA

SEÇÃO HORIZONTAL

[illegible][illegible]

DETALHE D-17

PERFIL "118"x27,70g/m

CH.1/4"

PARAF #1/2"x2"

PARAF #3/4"x2.1/4"

PERFIL "118"x27,70g/m

CH.1/4"

VISTA FRONTAL

SEÇÃO VERTICAL

PARAF #1/2"x2"

PARAF #1/2"x1.3/4"

PARAF #1/2"x2"

SEÇÃO HORIZONTAL

DETALHE D-16

PERFIL 118x27,06/m

PARAF Ø1/2"x2"

PARAF Ø1/2"x2"

VISTA FRONTAL

SEÇÃO HORIZONTAL

Technical drawing of a roof structure detail, showing a cross-section and a front view. The cross-section shows a roof with a 12% slope, supported by a wall. The front view shows the roof structure with dimensions. The drawing is labeled 'DETALHE D-16' and 'PERFIL 118x27,06/m'.

Technical drawing of a welded joint. The drawing shows a cross-section of a beam with a central gusset plate and two side plates. The dimensions are as follows:

- Beam width: 250 mm
- Beam height: 190 mm
- Gusset plate width: 140 mm
- Gusset plate height: 100 mm
- Side plate width: 80 mm
- Side plate height: 170 mm
- Weld thickness: 6 mm

The drawing includes a detail view of the weld joint, showing the weld profile and dimensions. The detail view shows a weld joint with a 6 mm thick weld. The weld is shown in a cross-section, with the weld profile and dimensions clearly indicated.