

2 #8E

20

MALLA #6c/20

50

Est. #6c/20

PLATEA

Est. #6c/20

NB I

27

12

2 #10A

15

15

15

15

15

750

5 CAPAS BALASTO
COMPACTADO e=15cm
(VER MEMORIA)

Technical drawing of a foundation cross-section showing reinforcement details. The drawing includes the following elements and labels:

- Top Reinforcement:** Two bars labeled **PM1 (400x56)** with a spacing of **40** cm.
- Support Plate:** **CHAPA DE APOYO (45x80) e=1.25cm**.
- Grout:** **SIKAGROUT O SIMILAR** filling the space around the support plate.
- Vertical Reinforcement:** Four bars labeled **4 Ø16** with a yield strength of **ACERO AISI 1035** and **σ fluencia = 3870 Kg/cm²**.
- Concrete:** **DADO HORMIGÓN CICLOPEO D II (80x110)**.
- Foundation Level:** **NIVEL DE FUNDACIÓN** with a bearing capacity of **σt=2 Kg/cm²** and a note to **VERIFICAR EN OBRA (ARCILLA MARRÓN CLARA)**.
- Dimensions:**
 - Overall width: **110** cm.
 - Overall height: **80** cm.
 - Height of the support plate: **1.35** cm.
 - Height of the concrete core: **1.50** cm.
- Other Labels:** **REF. DE APOYO e=8mm**, **SE RELLENA LA TOTALIDAD DE EXCAVACIÓN**, and a note **Y** with a downward arrow.

[illegible]

Technical drawing showing a cross-section of a reinforced concrete structure, likely a wall or foundation, with dimensions and reinforcement details.

Dimensions:

- Overall width: 40
- Overall height: 6.3
- Vertical dimensions on the right: 12, 48, 12, 15, 15, 15

Reinforcement Details:

- NB II (20x75):** Reinforcement bar at the top left.
- Est. #6 c/20:** Estimated reinforcement bar at the top left.
- 2 #10E:** Reinforcement bar at the top center.
- 2 #8:** Reinforcement bar at the top center.
- #8 c/20 (esperas):** Reinforcement bar (esperas) at the top center.
- 5 #8:** Reinforcement bar at the top center.
- #6 c/20:** Reinforcement bar at the top center.
- 3 #8:** Reinforcement bar at the top center.
- 2 #6 c/20:** Reinforcement bar at the top center.
- 2 #10A:** Reinforcement bar at the bottom center.
- NB I (12/20x27):** Reinforcement bar at the bottom center.
- VER ARMADURA CORTE F1-F1:** Check reinforcement section F1-F1.

Other Labels:

- ZONA A TRATAR CON SIKADUR GEL 32:** Zone to be treated with SIKADUR GEL 32.
- +750:** Elevation marker.
- +702:** Elevation marker.

CHAPA DE APOYO (20x20)
e=8mm

4 #12 ANCLAJE QUÍMICO

PM2
PVI N°10

Technical drawing of a rectangular plate with the following dimensions and features:

- Overall Dimensions:**
 - Width: 115
 - Height: 105
- Internal Features:**
 - A central rectangular hole with a width of 45 and a height of 72.
 - A rectangular cutout on the right side with a width of 19 and a height of 14.
 - A triangular cutout on the bottom right corner with a base of 39 and a height of 16.
- Dimensions and Spacing:**
 - Top edge: 10 (left), 45 (center), 10 (right)
 - Left edge: 25 (top), 40 (middle), 40 (bottom)
 - Bottom edge: 20 (left), 25 (center), 16 (right of center), 39 (right of center), 15 (right)
 - Right edge: 72 (top), 19 (middle), 14 (bottom)
- Labels:**
 - "CHAPA DE APOYO (45x65)" with an arrow pointing to the central rectangular hole.
 - "PB1(39x19)" with an arrow pointing to the triangular cutout.
- Reference Lines:**
 - Vertical lines A-A and B-B are indicated at the top and bottom edges.

Technical drawing of a foundation cross-section showing reinforcement details and dimensions.

Dimensions:

- Foundation width: 105
- Foundation height: 60
- Reinforcement spacing: 150
- Reinforcement diameter: 4 #16

Reinforcement Details:

- REF. DE APOYO $e=8mm$
- CHAPA DE APOYO (45x65) $e=1.25cm$
- SIKAGRROUT Ó SIMILAR
- ACERO AISI 1035 σ fluencia = 3870 Kg/cm²

Foundation Details:

- DADO HORMIGÓN CICLOPEO D II (115x105)
- SE RELLENA LA TOTALIDAD DE EXCAVACIÓN

Foundation Level:

- NIVEL DE FUNDACIÓN $\sigma=2.0kg/cm^2$ VERIFICAR EN OBRA (ARCILLA MARRÓN CLARA)

Other Labels:

- PM1 (400x56)
- PB1 (39x19)

Technical drawing of a foundation cross-section. The foundation is 105 cm wide and 150 cm high. It is made of cyclopean concrete (DADO HORMIGÓN CICLÓPEO D II (115x105)). The top 20 cm is filled with concrete (SE RELLENA LA TOTALIDAD DE EXCAVACIÓN). The base is at the foundation level (NIVEL DE FUNDACIÓN). The top is at N.P.T. +735. A vertical pipe (PB1) with a diameter of 19 cm and 4 #10 reinforcement is shown. The soil is brown clay (ARCILLA MARRÓN CLARA).

DETALLE REGUERA
 _ESC. 1 : 10

VARIBLE 30/54

2 #10E

15

40

Est. #8c/20

2 #6c/20

3 #6

4 #10A

3 #6

4 #10A

15

15

15

2 #10E

15

+793

#8 c/20

#8 c/20

NB T
 (12/20x27)
 VER ARMADURA
 CORTE F1-F1

PLATEA GENERAL
 (VER DETALLES Y MEMORIA)

+750

2 CAPAS BALASTO COMPACTADO
 (VER MEMORIA)

Diagrama de un elemento de acero soldado a una placa de apoyo. Se muestra una placa cuadrada de 20x20 cm con un elemento I-beam central. Se indican cuatro anclajes químicos de 2x12 en las esquinas. Las dimensiones de la placa son 20 cm en ambos ejes, con una zona central de 10 cm. Se especifica el uso de PM2 y PNI N°10, y una chapa de apoyo de 20x20 cm con espesor de 8 mm.

Technical drawing of a rectangular plate with the following dimensions and features:

- Overall Dimensions:**
 - Width: 125 (62 + 39)
 - Height: 160 (95 + 40 + 25)
- Internal Features:**
 - A central rectangular cutout with a width of 45 and a height of 65.
 - A smaller rectangular cutout in the upper right quadrant, with a width of 39 and a height of 19.
- Dimensions and Spacing:**
 - Horizontal spacing from the left edge to the start of the central cutout: 20.
 - Horizontal spacing between the central cutout and the right edge: 24.
 - Horizontal spacing from the left edge to the start of the smaller cutout: 25.
 - Horizontal spacing between the smaller cutout and the right edge: 24.
 - Vertical spacing from the top edge to the start of the smaller cutout: 10.
 - Vertical spacing between the smaller cutout and the bottom edge: 113.
- Labels and Notes:**
 - CHAPA DE APOYO (45x65)**: Label for the central rectangular cutout.
 - PB30 (39x19)**: Label for the smaller rectangular cutout.
- Reference Markers:**
 - Point A is located at the top center of the plate.
 - Point B is located at the top center of the smaller cutout.

Technical drawing of a rectangular plate with the following dimensions and features:

- Overall Dimensions:**
 - Width: 125
 - Height: 160
- Internal Dimensions and Features:**
 - Top Edge:**
 - Distance from left edge to center of hole A: 62
 - Distance from center of hole A to center of hole B: 39
 - Distance from center of hole B to right edge: 24
 - Right Edge:**
 - Distance from top edge to center of hole B: 14
 - Distance from center of hole B to bottom edge: 19
 - Bottom Edge:**
 - Distance from left edge to center of hole A: 20
 - Distance from center of hole A to center of hole B: 25
 - Distance from center of hole B to right edge: 17
 - Distance from center of hole B to right edge (alternative measurement): 39
 - Distance from right edge to center of hole B: 24
 - Left Edge:**
 - Distance from top edge to center of hole A: 95
 - Distance from center of hole A to bottom edge: 40
 - Distance from bottom edge to center of hole A: 25
 - Holes:**
 - Hole A:** Located at (62, 95) from the top-left corner.
 - Hole B:** Located at (101, 14) from the top-left corner.
 - Other Features:**
 - A rectangular cutout is located in the upper right quadrant, with a diagonal line indicating a specific feature.
 - A rectangular cutout is located in the lower left quadrant, with a diagonal line indicating a specific feature.
