

Diagrama de uma caixa de tratamento de efluentes com uma tampa prefabricada em betão. O diagrama inclui uma vista superior (Planta) e uma corte vertical (Corte Vertical).

Planta (esc. 1:50):

- Tampa prefabricada em betão, 50cm x 50cm.
- Entrada do efluente.
- Dimensões: 5,0m (largura da caixa), 0,50m (largura da tampa), 0,30m (diâmetro da entrada).

Corte Vertical (esc. 1:50):

- Tampa prefabricada em betão armado, com 0,50m de espessura.
- Caixa prefabricada em betão, 50cm x 50cm.
- Entrada do efluente.
- Junta em argamassa hidráulica.
- Anel prefabricado em concreto hidráulico, com 0,05,0m de espessura.
- Base em argamassa hidráulica.
- Dimensões: 5,0m (largura da caixa), 1,0m (altura da caixa), 0,50m (altura da tampa).

Fig. 1.50

Fig. 1.51

Planta (esc. 1:50)

Entrada da estufa

Ligação entre tanques

Tampa prefabricada em aço, 50cmX50cm

5,50

1,00

2,00

Corte Vertical (esc. 1:50)

Entrada do efluente

Anel prefabricado em betão armado, com Ø2,0m interior

Junta de argamassa hidrófuga

Base em argamassa hidrófuga

Tampa prefabricada em betão armado, com Ø2,0m exterior

2,00

2,00

2,00

2,00

The drawing consists of two parts: a plan view (top) and a vertical cross-section view (bottom).

Plan View (Ponta (esc. 1:50)): Shows four circular tanks arranged in a square pattern. Each tank has a central square opening. Dimensions include a 3.50m distance between centers and a 5.00m distance between the outer edges of the tanks. Labels include:

- Entrada do efluente (Inlet of effluent)
- Ligação entre tanques (Connection between tanks)
- Tampa prefabricada em betão 90cm/90cm (Prefabricated concrete cover 90cm/90cm)

Vertical Cross-section View (Corte Vertical (esc. 1:50)): Shows a cross-section of one of the tanks. It includes a central vertical pipe. Dimensions include a 3.50m diameter for the tank, a 0.20m thickness for the base, and a 0.20m thickness for the walls. Labels include:

- Tampa prefabricada em betão 90cm/90cm (Prefabricated concrete cover 90cm/90cm)
- Caixa prefabricada em betão 90cm/90cm (Prefabricated concrete box 90cm/90cm)
- Ligação entre tanques (Connection between tanks)
- Entrada do efluente (Inlet of effluent)
- Anel prefabricado em betão hidráulico, com Ø2.00m interior (Prefabricated ring in hydraulic concrete, with Ø2.00m interior)
- Junta em argamoso hidrófuga (Hydrophobic mortar joint)
- Tampa prefabricada em betão armado, com Ø2.00m interior (Prefabricated reinforced concrete cover, with Ø2.00m interior)
- Base em argamoso hidrófuga (Hydrophobic mortar base)

The drawing illustrates the construction of a hydrophobic base for a water tank, divided into two main views: a plan view (top) and a vertical section view (bottom).

Plan View (Top):

- Shows the circular layout of the tank base with a central square opening.
- Labels include:
 - Entrada do efluente** (Effluent inlet) pointing to the top of the central opening.
 - Ligação entre tanques** (Connection between tanks) pointing to the vertical dashed line connecting the central opening to the base.
 - Tempa prefabricada em bloco, 50cmx50cm** (Prefabricated block cover, 50cmx50cm) pointing to the central square opening.
- Dimensions:
 - $\phi 300$ (300mm diameter) for the outer circle.
 - $\phi 200$ (200mm diameter) for the inner circle.
 - 300 (300mm) for the side length of the central square opening.
 - 200 (200mm) for the side length of the inner square.

Vertical Section View (Bottom):

- Shows the cross-section of the tank base and the effluent inlet.
- Labels include:
 - Tempa prefabricada em bloco, 50cmx50cm** (Prefabricated block cover, 50cmx50cm) pointing to the top cover.
 - Ligação entre tanques** (Connection between tanks) pointing to the vertical connection.
 - Entrada do efluente** (Effluent inlet) pointing to the inlet pipe.
 - Anel prefabricado em bloco hidrófugo, com 62,00m interior** (Prefabricated hydrophobic block ring, with 62.00m interior) pointing to the ring structure.
 - Junta em argamassa hidrófuga** (Hydrophobic mortar joint) pointing to the joint between the ring and the base.
 - Base em argamassa hidrófuga** (Hydrophobic mortar base) pointing to the bottom layer.
- Dimensions:
 - 300 (300mm) for the diameter of the central opening.
 - 200 (200mm) for the diameter of the inner ring.
 - 100 (100mm) for the height of the central opening.
 - 100 (100mm) for the height of the ring structure.
 - 100 (100mm) for the height of the base.

Plantas (esc. 1:50) (Plans, scale 1:50) is written below the plan view.

Corte Vertical (esc. 1:50) (Vertical Section, scale 1:50) is written below the vertical section view.

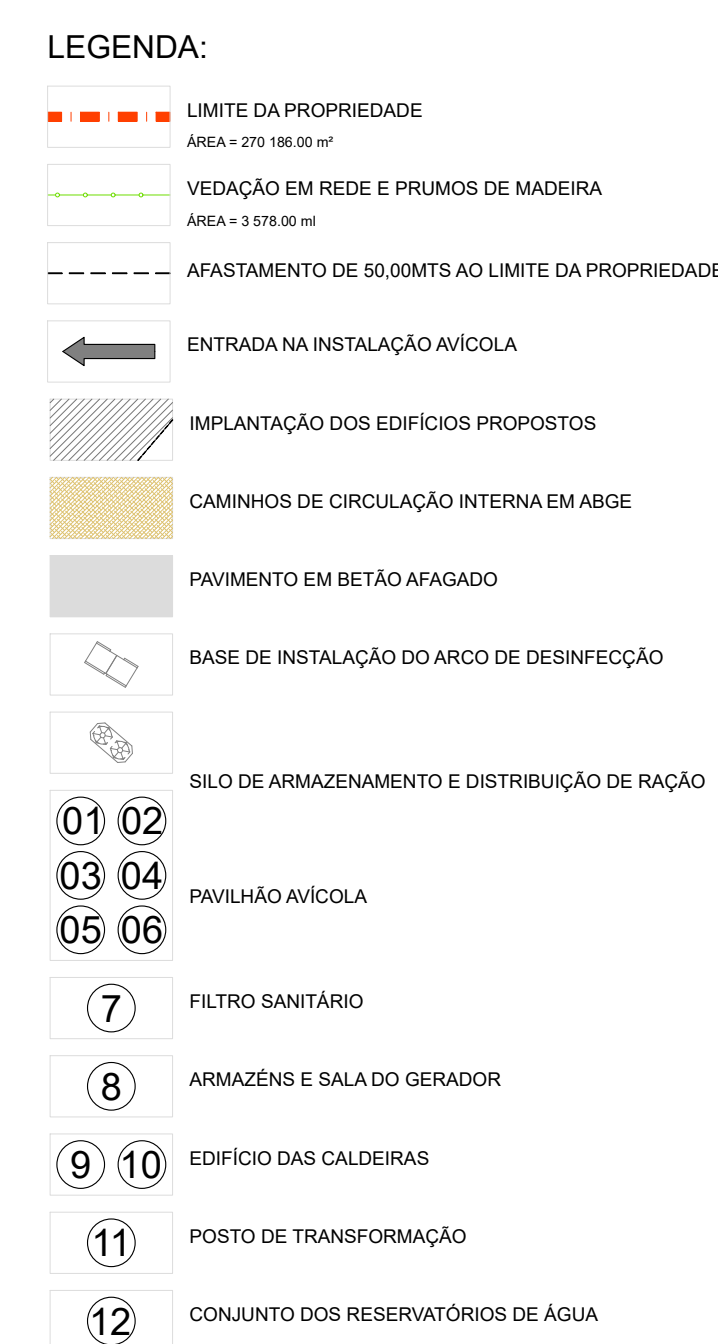
The technical drawing consists of two parts: a plan view (Planta) at the top and a vertical section (Corte Vertical) at the bottom.

Planta (Top View):

- Shows four circular tanks arranged in a square pattern, connected by dashed lines representing pipes or conduits.
- Labels include:
 - Entrada do estuário (Estuary inlet)
 - Ligação entre tanques (Connection between tanks)
 - Tampa prefabricada em betão 50cmX50cm (Prefabricated concrete cover 50cmX50cm)
 - Planta (esc. 1:50) (Plan scale 1:50)
- A small rectangular area is dimensioned as 3.00m wide and 1.50m deep.

Corte Vertical (Vertical Section):

- Shows a cross-section of one of the tanks, which is filled with water.
- Labels include:
 - Caixa prefabricada em betão 50cmX50cm (Prefabricated concrete box 50cmX50cm)
 - Ligação entre tanques (Connection between tanks)
 - Entrada do estuário (Estuary inlet)
 - Anel prefabricado em betão hidrófugo com 60.00m espessura (Prefabricated hydrophobic concrete ring with 60.00m thickness)
 - Junta em argamassa hidrofuga (Hydrophobic mortar joint)
 - Tampa prefabricada em betão armado, com 40.00m interior (Prefabricated reinforced concrete cover, 40.00m interior)
 - Bases em argamassa hidrofuga (Hydrophobic mortar bases)
- Dimensions shown:
 - Total height: 8.00m
 - Water level height: 7.00m
 - Bottom layer height: 1.00m
 - Inner diameter: 40.00m
 - Ring width: 2.00m
- Scale: Corte Vertical (esc. 1:30)

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