

The technical drawing illustrates a cross-section of a wastewater treatment facility. Key components include:

- Aeração (Aeration Tank):** A large rectangular tank with a sloped bottom. The water level is indicated by NT=7.00. It features a central vertical shaft labeled "VERTEDEIR REGULÁVEL MADEIRA DE LEI". The bottom slope is defined by β.40.
- Lagoa de Maturação (Maturation Pond):** Located to the right of the aeration tank, it has a water level of NA=8.60 and a bottom elevation of FUNDO=7.10. The ground below is labeled MAT. ARGILOSO.
- Sistema de Lodo (Sludge System):** Includes a receiver body (P/ CORPO RECEPTOR) with a diameter of DN 150 and a sludge collector (DN 100). The receiver body has a bottom elevation of FUNDO=6.05. Sludge is collected into a storage area at the bottom right, which is 0.30m wide and has a height of 0.40m.
- Muro de Alvenaria de Pedra (Stone Masonry Wall):** Separates the aeration tank from the maturation pond.
- Dimensions and Levels:**
  - Total width: VARIÁVEL.
  - Width of the bottom section: B (\*).
  - Height of the aeration tank: 1.20m.
  - Height of the maturation pond: 1.50m.
  - Ground level: COROAM.=9.60.
  - Water level in aeration tank: NT.=7.00.
  - Water level in maturation pond: NA.=8.60.
  - Bottom elevation of maturation pond: FUNDO=7.10.
  - Bottom elevation of receiver body: FUNDO=6.05.
- CORTE D-D ESC. 1:25:** Indicated at the bottom right corner.

CORTE E-E

ESC. 1:25

[illegible][illegible]

CORTE H-H

ESC. — 1:25

Technical drawing showing a cross-section (CORTE G-G) of a wastewater treatment structure. The drawing includes the following components and dimensions:

- VERTEDOR REGULÁVEL** (Adjustable Weir) and **MADEIRA DE LEI** (Weir Wood) at the top, with a height of **0.50**.
- COROAM.=9.60** (Corrosion Allowance) dimension.
- LAGOA DE MATURAÇÃO** (Maturation Pond) on the left, with a depth of **FUNDO=7.10** and a width of **1.00x1.00x0.10**.
- LAGOA FACULTATIVA** (Facultative Pond) on the right, with a depth of **FUNDO=7.00**.
- MURO DE ALVENARIA DE PEDRA** (Stone Masonry Wall) separating the ponds, with a height of **2.30** and a base width of **1.40**.
- MAT. ARGILOSO** (Clayey Material) at the base of the structure.
- VARIAVEL** (Variable) dimension for the facultative pond area.
- NA=8.60** (Normal Water Level) and **NA=8.60** (Normal Water Level) dimensions.
- DN 100** (Diameter 100) for the pipe connecting the ponds.
- 03** (Accessories) for the pipe fittings.
- 0.40** (Depth) for the base of the masonry wall.
- 0.60** (Depth) for the base of the facultative pond.
- 0.30** (Depth) for the base of the maturation pond.
- 0.50** (Depth) for the base of the weir.
- 0.10** (Depth) for the base of the facultative pond.
- 0.50** (Depth) for the base of the maturation pond.
- 1.00** (Width) for the base of the maturation pond.
- 1.40** (Width) for the base of the masonry wall.
- 1.50** (Height) for the maturation pond.
- 1.80** (Height) for the facultative pond.
- 2.30** (Height) for the masonry wall.
- CORTE G-G** (Section G-G) and **ESC.= 1:25** (Scale 1:25) at the bottom right.

ITEM	DISCRIMINAÇÃO DOS MATERIAIS	DN	QUANT
01	ADAPTADOR JGSKLIKSOZ	100x100	01
02	CURVA 90° COM BOLSAS	100	05
03	TUBO CILINDRICO PP"	100	10,00m
04	TUBO PONTA E BOLSA PVC	100	32,00m
05	VÁLVULA FLAP	100	01
06	TUBO PONTA FLANGE	100	1,00m
ABF		100	01
PPF 16x80			08

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