

This technical drawing illustrates the layout of a wastewater treatment plant, specifically focusing on three aeration tanks (TA1, TA2, TA3) and associated infrastructure. The plan view shows the tanks arranged in a row, with a total width of 29.25 meters and a total length of 25.65 meters. The tanks are separated by walls and have a depth of 4.20 meters. The layout includes various equipment and structural details:

- Aeration Tanks (TA1, TA2, TA3):** Each tank has a width of 9.00 meters and a depth of 4.20 meters. They are equipped with aeration systems (AER.1 to AER.6) and have a water level of 232.20 meters. The tanks are connected to a central channel (LAJE) with a width of 0.60 meters.
- Structural Details:** The tanks are supported by a tubular structure (PÓRTICO EM ESTRUTURA TUBULAR) with a diameter of 44 inches. The structure is reinforced with 2.1/2 inch reinforcement bars and 6 inch monobloc concrete. The tanks are also equipped with aeration systems (AER.1 to AER.6) and have a water level of 232.20 meters.
- Piping and Valves:** The layout shows various pipes and valves, including a main inlet pipe (DN 150) and a main outlet pipe (DN 300). The pipes are labeled with their diameters and the valves are labeled with their types (e.g., VB1, VB2, VB3, VB4, VB5).
- Other Equipment:** The layout includes a vertical shaft (VERTICADOR DE COMUNICAÇÃO ENTRE OS VALOS) and a rapid aeration system (AERADOR RÁPIDO PROPULSOR 15 CV) manufactured by SANESYSTEM or a similar brand.
- Dimensions and Levels:** The drawing provides detailed dimensions for the tanks, pipes, and structural elements. The water level is consistently marked as 232.20 meters throughout the tanks.

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