

CONICAL SETTLEMENT TANK

TECHNICAL DATASHEET

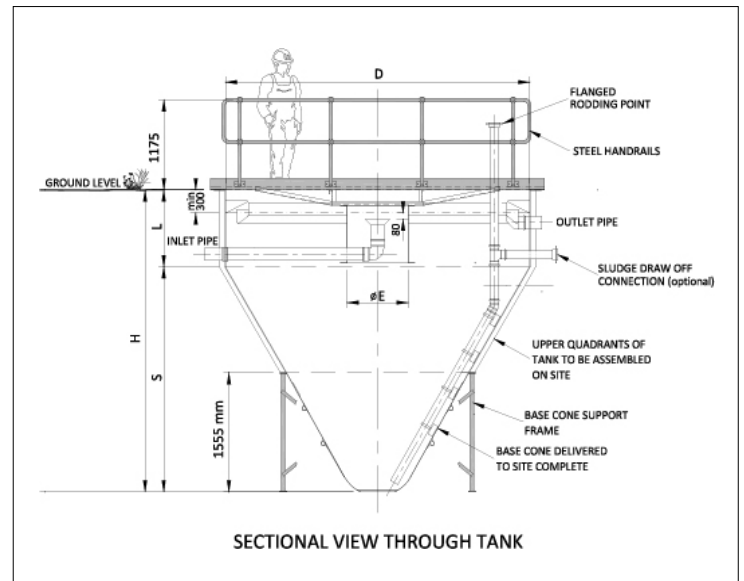
Conical settlement tanks also known as sedimentation or clarifier tanks are used in the primary and secondary (humus) stage of the wastewater treatment process. Conical tanks are constructed with corrosion-resistant Glass Reinforced Plastic (GRP) .



KEY FEATURES:

- Can increase the retention volume by extending the sidewall height
- 60-degree inverted cone design to encourage settlement of solid particles
- Can be manufactured to withstand very strong alkalis or acidic pH levels
- Installed below ground up to 6-meter diameter
- Up to 6-meter diameter tanks can be installed above ground*
- Designed to principles established in BS 4994

* Above ground conical tanks can be installed above ground but only a maximum of 3m height can protrude out of ground



Inside Diameter "D" (m)	Depth "H" (m)	Standard* sidewall height "L" (m) *can be varied	Surface Area (m ²)	Capacity (m ³)	Weight Empty (Kg)
2.4	3.0	1.45	4.5	8.5	400
3.0	3.3	1.2	7.0	11.5	500
4.0	4.0	1.0	12.6	21.5	1000
5.0	4.6	0.8	19.6	35.4	1500
6.0	5.5	0.8	28.3	59.15	3000

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