

15,000 LITRE TWO COMPARTMENT PRECAST SEPTIC TANK MODEL S15S

WILKINSON HEAVY PRECAST LIMITED

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CONSTRUCTION DETAILS *

Concrete: 35 MPa at 28 Days, 5 to 8% Air Entrainment.

Reinforcing: 10 M bars at 300 mm centres each way in roof, walls and floor; horizontally in partition.
Four extra 15 M bars around roof access opening.
Minimum cover over reinforcing steel - 25 mm.

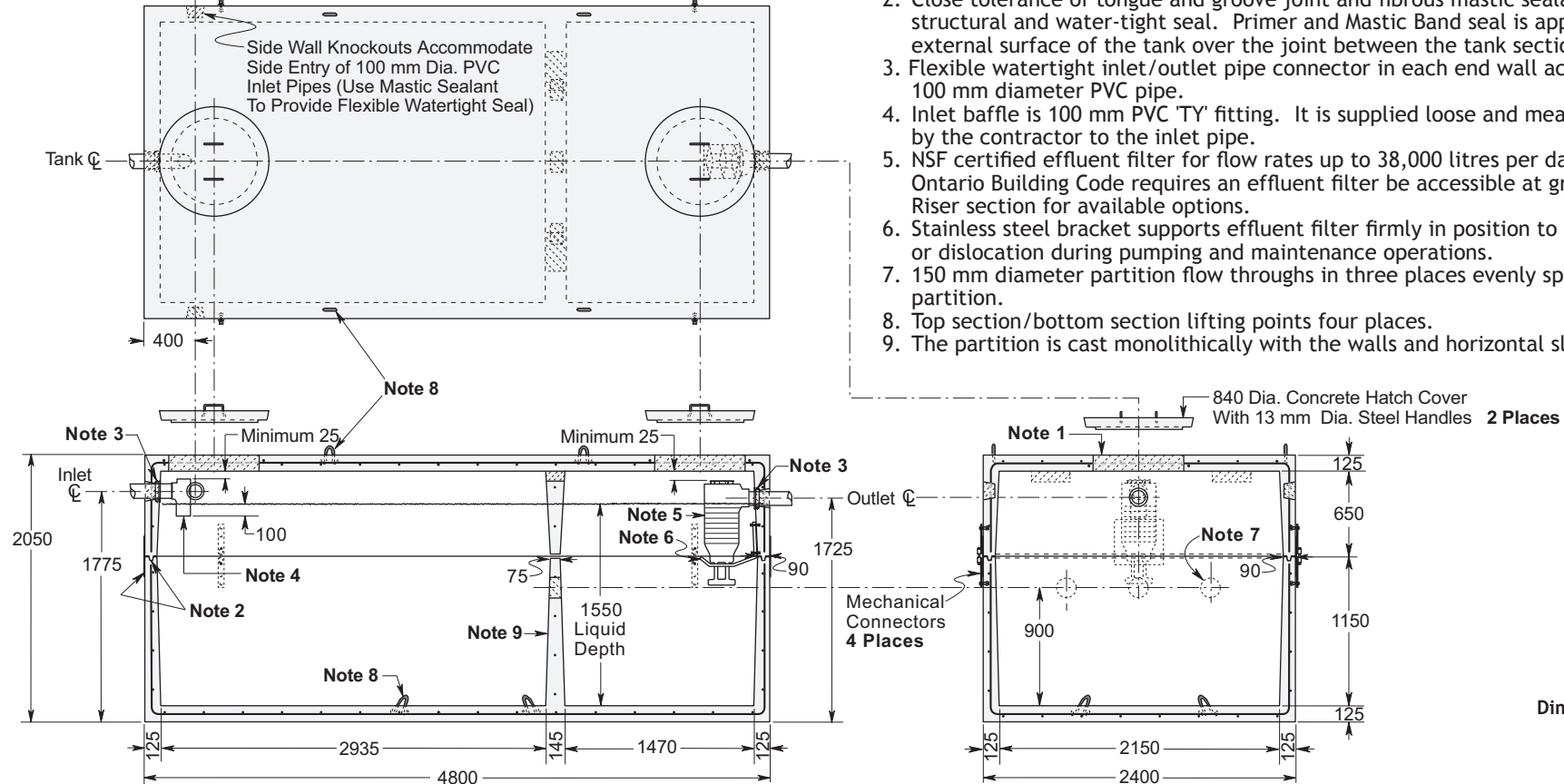
Actual Capacity: 9778 Litres Per Vertical Metre.
17,600 Litres to Underside of Roof Slab.
15,156 Litres to Invert of Outlet.

THIS TANK IS FACTORY ASSEMBLED EXCEPT FOR ANY ACCESS RISERS AND IS INTENDED TO BE SHIPPED AND INSTALLED AS A ONE PIECE UNIT.

Handling Weight: 14,713 kg

NOTES

1. Large 685 mm diameter roof access openings facilitate tank and filter maintenance. Please note that each cover weighs approximately 125 kg and must be handled only with suitable mechanical lifting equipment. Access extensions may be required to meet Ontario Building Code requirements. See Access Riser section for available options.
2. Close tolerance of tongue and groove joint and fibrous mastic sealant ensures a solid structural and water-tight seal. Primer and Mastic Band seal is applied to the external surface of the tank over the joint between the tank sections at the factory.
3. Flexible watertight inlet/outlet pipe connector in each end wall accommodates 100 mm diameter PVC pipe.
4. Inlet baffle is 100 mm PVC 'TY' fitting. It is supplied loose and meant to be cemented by the contractor to the inlet pipe.
5. NSF certified effluent filter for flow rates up to 38,000 litres per day. Note that the Ontario Building Code requires an effluent filter be accessible at grade. See Access Riser section for available options.
6. Stainless steel bracket supports effluent filter firmly in position to prevent damage or dislocation during pumping and maintenance operations.
7. 150 mm diameter partition flow throughs in three places evenly spaced across the partition.
8. Top section/bottom section lifting points four places.
9. The partition is cast monolithically with the walls and horizontal slab of each section.



* Commensurate with a 1.2 Metre burial over the top slab in firm soil away from any area of vehicular traffic.

For recommended installation procedures refer to Wilkinson Installation Guidelines and Lifting and Assembly Instructions.

WARNING ! IMPROPER INSTALLATION ESPECIALLY IN UNSTABLE SOILS CAN RESULT IN THE STRUCTURAL FAILURE OF THIS PRODUCT