

# 45,000 LITRE SINGLE COMPARTMENT PRECAST SEPTIC TANK MODEL S45.1SS

WILKINSON HEAVY PRECAST LIMITED

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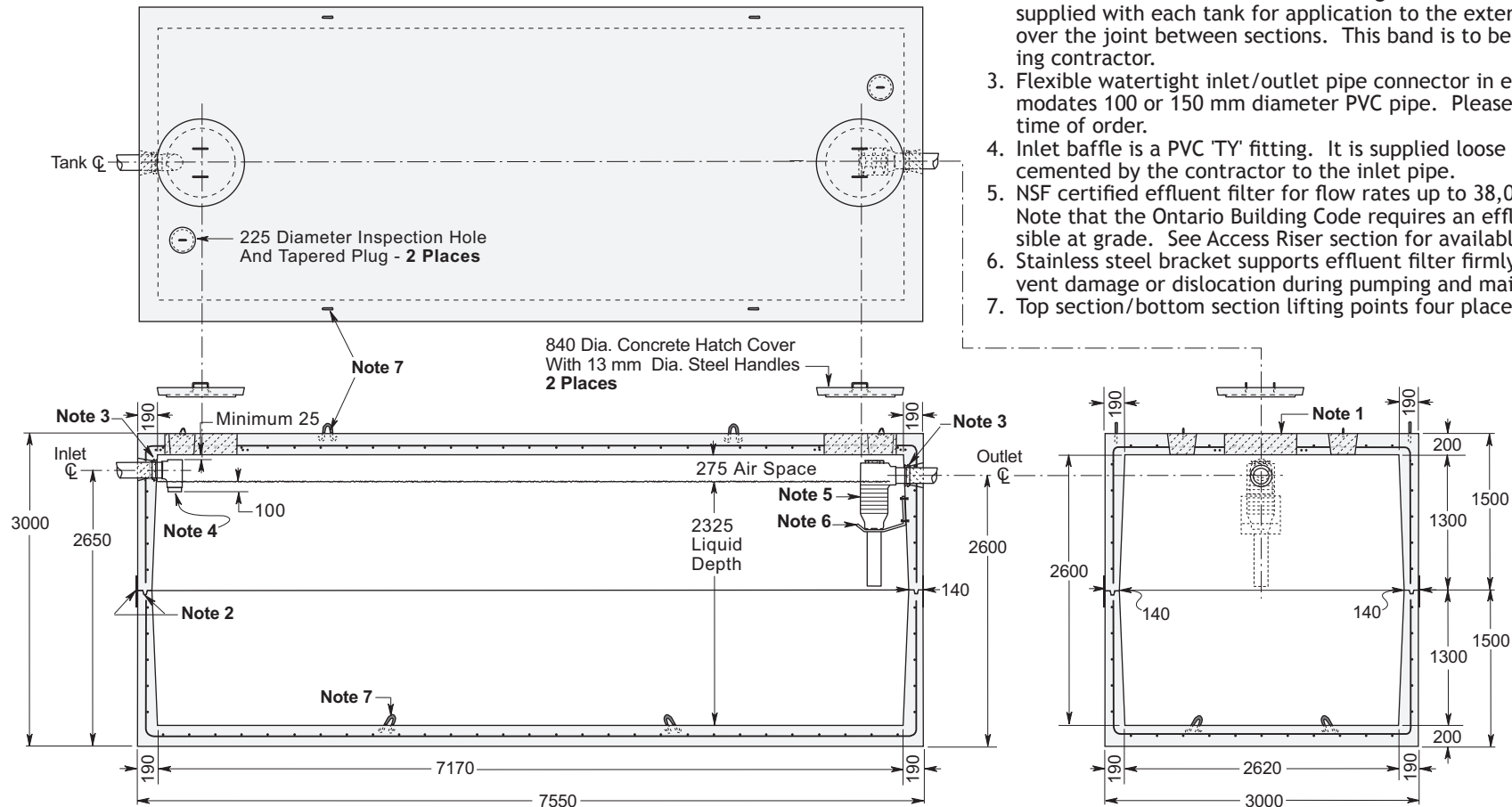
## CONSTRUCTION DETAILS \*

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

**Reinforcing:** 15 M bars at 250 mm centres each way in walls, roof and floor.  
Eight extra 15 M bars around each roof access opening.  
Minimum cover over reinforcing steel - 25 mm.

**Weight:** Top Section 22,000 kg  
Bottom Section 22,000 kg  
Total 44,000 kg

**Actual Capacity:** 19,277 Litres Per Vertical Metre.  
50,120 Litres to Underside of Roof.  
44,820 Litres to Invert of Outlet.



## 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 watertight seal. Primer and Mastic Band are supplied with each tank for application to the external surface of the tank over the joint between sections. This band is to be applied by the installing contractor.
3. Flexible watertight inlet/outlet pipe connector in each end wall accommodates 100 or 150 mm diameter PVC pipe. Please specify pipe size at time of order.
4. Inlet baffle is a 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. Top section/bottom section lifting points four places.

\* Commensurate with a 1 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.

Dimensions in mm  
N.T.S.

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