

# 20,000 LITRE SINGLE COMPARTMENT PRECAST SEPTIC TANK MODEL S20.2SS

**WILKINSON HEAVY PRECAST LIMITED**

DUNDAS, ONTARIO

1-800-263-8503

## CONSTRUCTION DETAILS \*

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

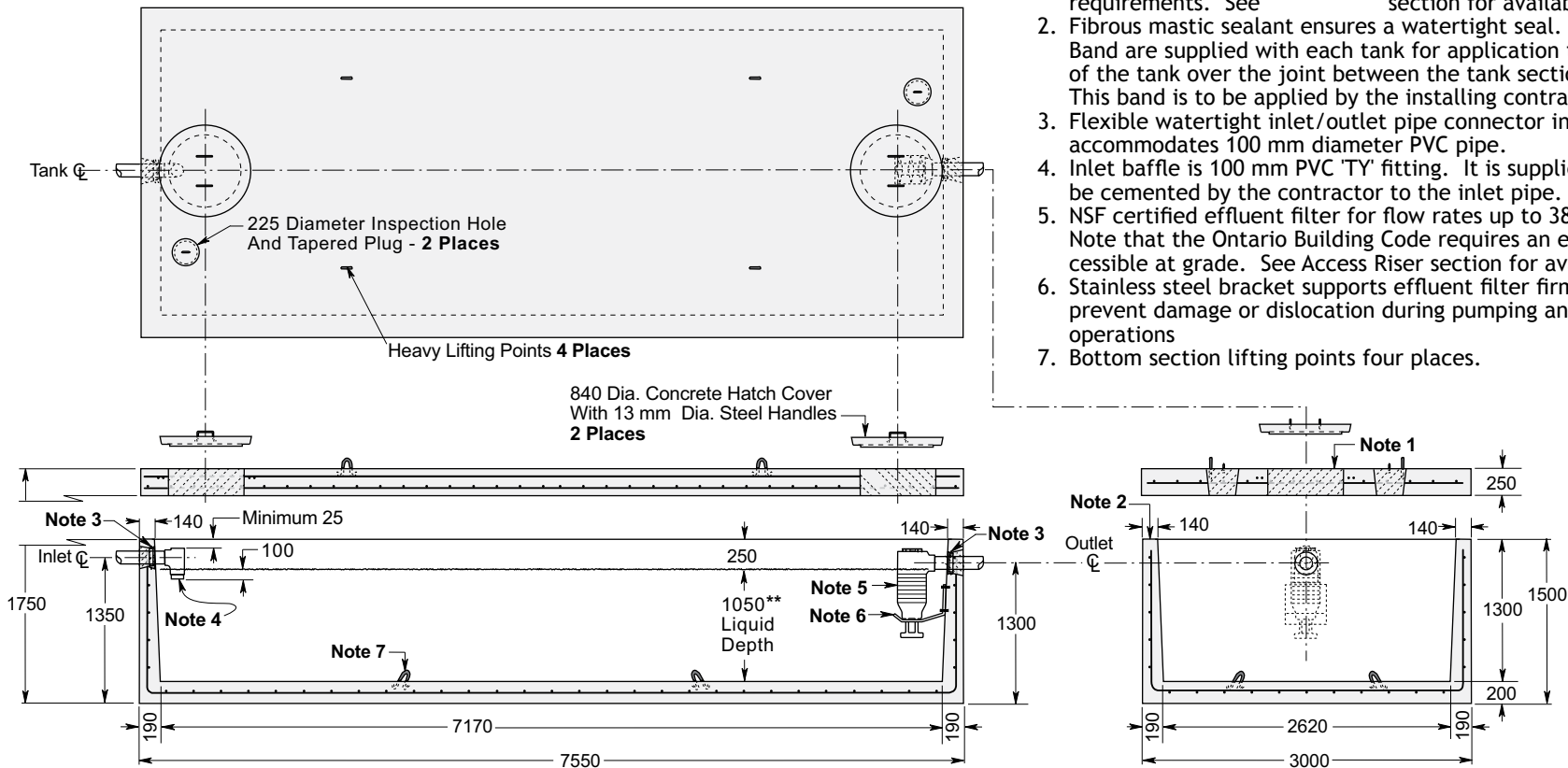
**Reinforcing:** 15 M bars at 250 mm centres each way in walls and floor.  
 2 Mats of Bars in top slab.  
 Top Mat - Six 20 M bars evenly spaced (Long Direction)  
 Bottom Mat - 15 M bars at 200 mm centres each way.  
 Eight extra 15 M bars around roof access opening.  
 Minimum cover over reinforcing steel - 25 mm.

**Weight:** Top Slab 14,060 kg  
 Tank Section 22,000 kg  
 Total 36,060 kg

**Actual Capacity:** 19,277 Litres Per Vertical Metre.  
 25,060 Litres to Underside of Roof.

## 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 section for available options.
2. Fibrous mastic sealant ensures a watertight seal. Primer and Mastic Band are supplied with each tank for application to the external surface of the tank over the joint between the tank section and the top slab. This band is to be applied by the installing contractor.
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. Bottom section lifting points four places.



Dimensions in mm  
 N.T.S.

\*Product designed for a Maximum 1.2 Metre burial over the top slab in firm soil away from any area of vehicular traffic.  
 \*\*NOTE: While this tank conforms to the requirements of CSA-B66 for a septic tank the working liquid depth is less than the 1200mm required by the OBC and should be used only where rock of high ground water levels exist. OBC 8.2.2.3 (8).

For recommended installation procedures refer to Wilkinson