

50,000 LITRE SINGLE COMPARTMENT CONCRETE SEPTIC TANK MODEL S50SS

CONSTRUCTION DETAILS:

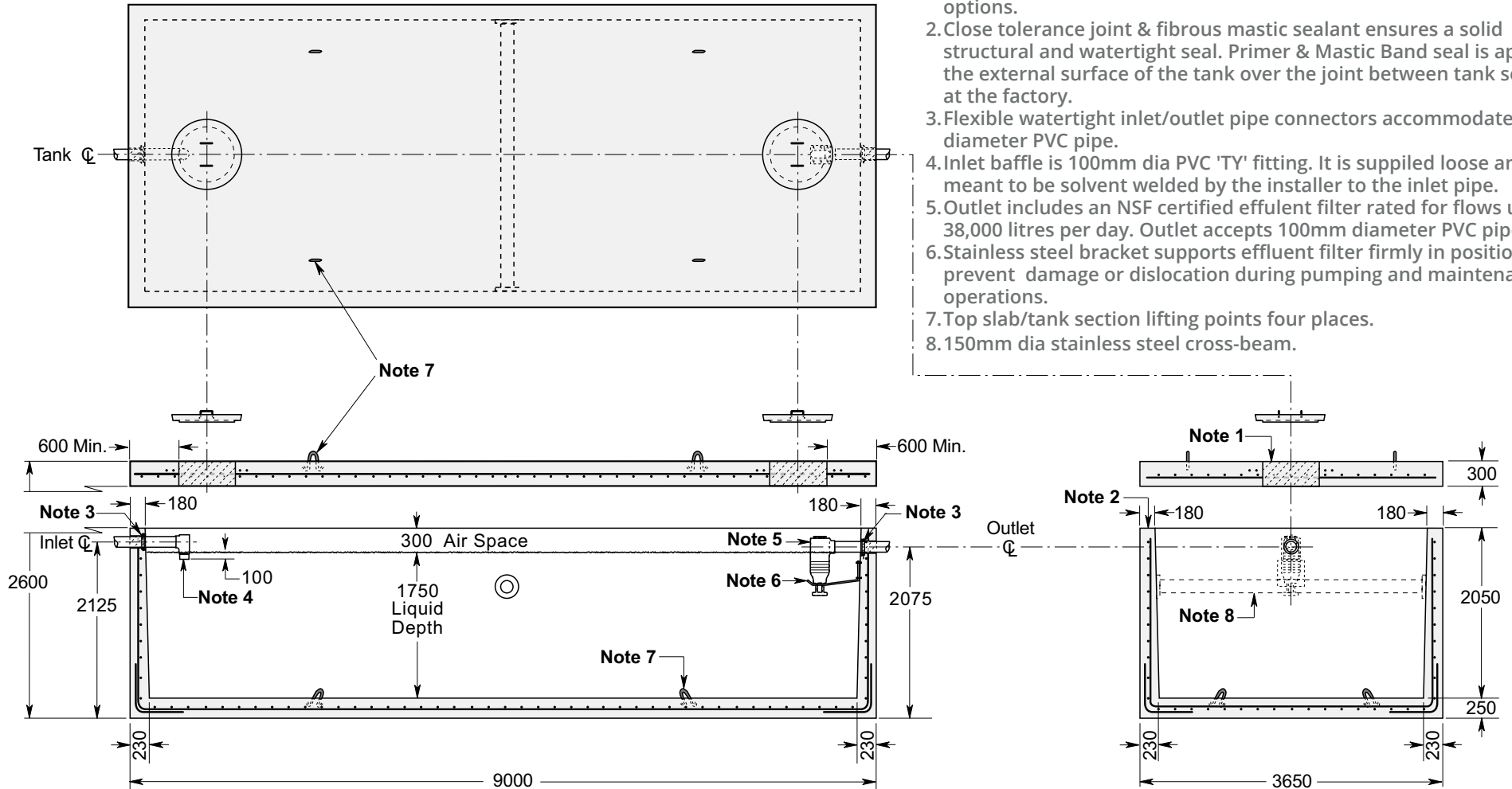
Concrete: 35 MPa at 28 Days, 5 to 8% Air Entrainment.

Reinforcing: Designed for a maximum 1.8 metre burial over the top slab in firm soil.
Optional reinforcing for CHBDC vehicular loading available upon request.

WEIGHT:	CAPACITY:
Top Slab - 24,400 kg	Per Vertical Metre - 27,832 Litres
Tank Section - 48,000 kg	To Underside of Roof Slab - 57,056 Litres
	To Invert of Outlet - 48,706 Litres

NOTES:

1. Large 685 mm diameter roof access openings facilitate filter maintenance. Unless otherwise specified when ordered this tank will be shipped with 840 mm diameter concrete roof access cover only. Please see [Access Riser](#) section for available riser & hatch options.
2. Close tolerance joint & fibrous mastic sealant ensures a solid structural and watertight seal. Primer & Mastic Band seal is applied to the external surface of the tank over the joint between tank sections at the factory.
3. Flexible watertight inlet/outlet pipe connectors accommodate 100mm diameter PVC pipe.
4. Inlet baffle is 100mm dia PVC 'TY' fitting. It is supplied loose and meant to be solvent welded by the installer to the inlet pipe.
5. Outlet includes an NSF certified effluent filter rated for flows up to 38,000 litres per day. Outlet accepts 100mm diameter PVC pipe.
6. Stainless steel bracket supports effluent filter firmly in position to prevent damage or dislocation during pumping and maintenance operations.
7. Top slab/tank section lifting points four places.
8. 150mm dia stainless steel cross-beam.



*Product designed for a **Maximum 1.8 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](#).

Dimensions in mm
N.T.S.

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

April 29, 2019