

114 CUBIC METRE PRECAST WASTEWATER HOLDING TANK MODEL H114S

WILKINSON HEAVY PRECAST LIMITED

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CONSTRUCTION DETAILS *

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

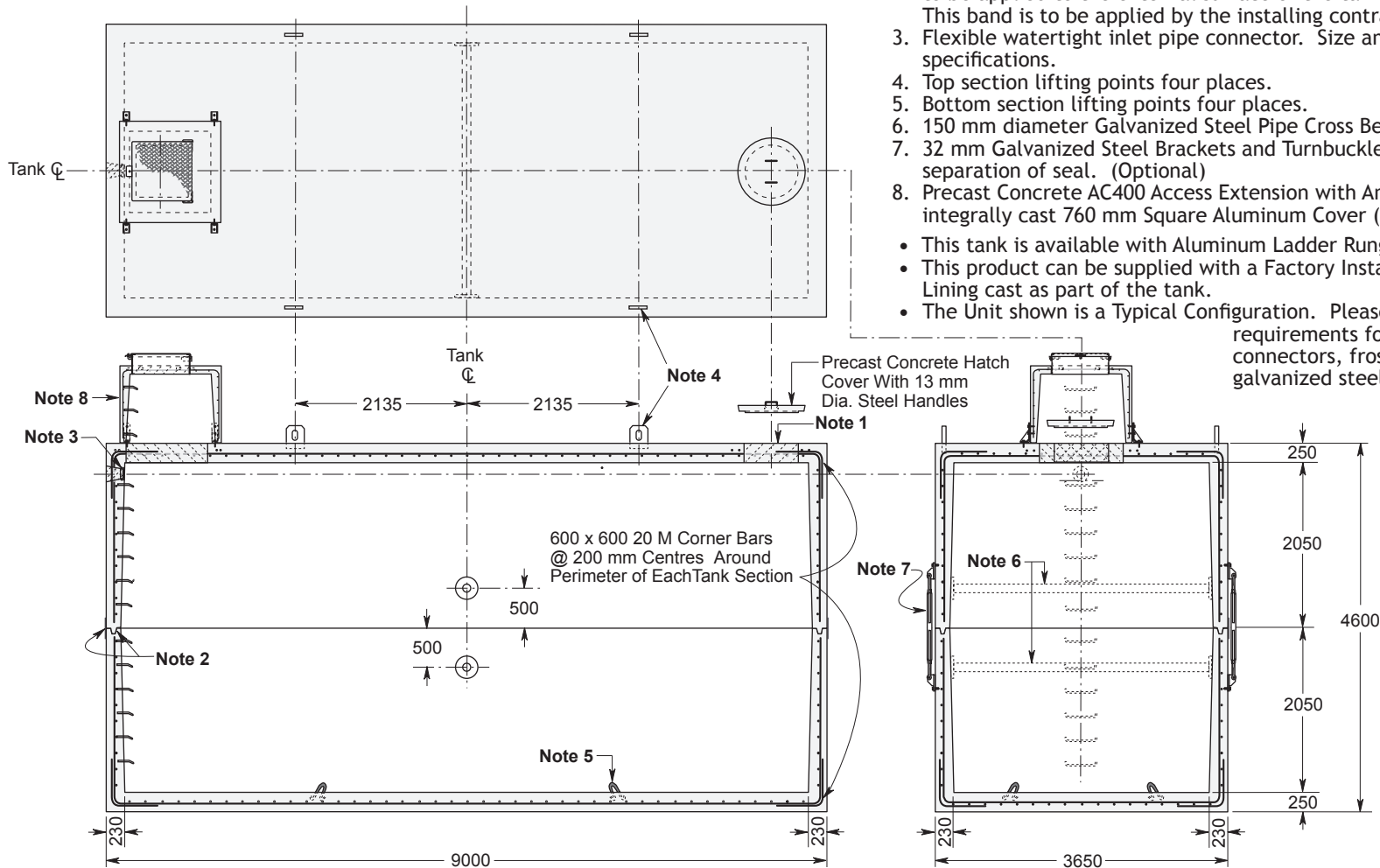
Reinforcing: 20 M Bars at 200 mm centres each way in roof, walls and floor.
Eight extra 15 M bars around each roof access opening.
Minimum cover over reinforcing steel - 25 mm.

Weight: 96,000 kg (48,000 kg Per Half Section)

Actual Capacity: 27,832 Litres Per Vertical Metre.
114,110 Litres to Underside of Roof.

NOTES

1. Large 685 mm diameter roof access openings facilitate tank maintenance. Unless otherwise specified/ordered this tank will be shipped with 840 mm diameter concrete hatch covers. Please note that each cover weighs approximately 125 kg and must be handled only with suitable mechanical lifting equipment. Please see Access Riser section for available options.
2. Close tolerance of Tongue and Groove Joint and a Fibrous Mastic Sealant ensure a solid structural and watertight seal. Primer and Mastic Band will be supplied to be applied 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 pipe connector. Size and position to suit customer's specifications.
4. Top section lifting points four places.
5. Bottom section lifting points four places.
6. 150 mm diameter Galvanized Steel Pipe Cross Beams (Stainless Steel Optional).
7. 32 mm Galvanized Steel Brackets and Turnbuckles in 4 Places to prevent separation of seal. (Optional)
8. Precast Concrete AC400 Access Extension with Anti-Frost Heave System and integrally cast 760 mm Square Aluminum Cover (Optional).
 - This tank is available with Aluminum Ladder Rungs to the floor (Optional).
 - This product can be supplied with a Factory Installed Polyethylene or P.V.C. Lining cast as part of the tank.
 - The Unit shown is a Typical Configuration. Please call the factory to discuss your requirements for flexible watertight pipe/wall connectors, frost resistant watertight extensions, galvanized steel or aluminum hinged covers, flanged roof vents and many other custom appurtenances that can be supplied.



Dimensions in mm
N.T.S.

* Commensurate with a 1.5 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