

22,000 LITRE PRECAST WASTEWATER HOLDING TANK MODEL H22.2H

WILKINSON HEAVY PRECAST LIMITED

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CLASS H - HEAVY CONSTRUCTION

CONSTRUCTION DETAILS *

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

Reinforcing: 15 M bars at 150 mm centres each way in floor and walls.
15 M bars at 150 mm centres each way in roof slab.
Eight extra 15 M bars around roof access opening.
Minimum cover over reinforcing steel - 25 mm.

Weight: Top Slab 6600 kg
Tank Section 17,700 kg
Total 24,300 kg

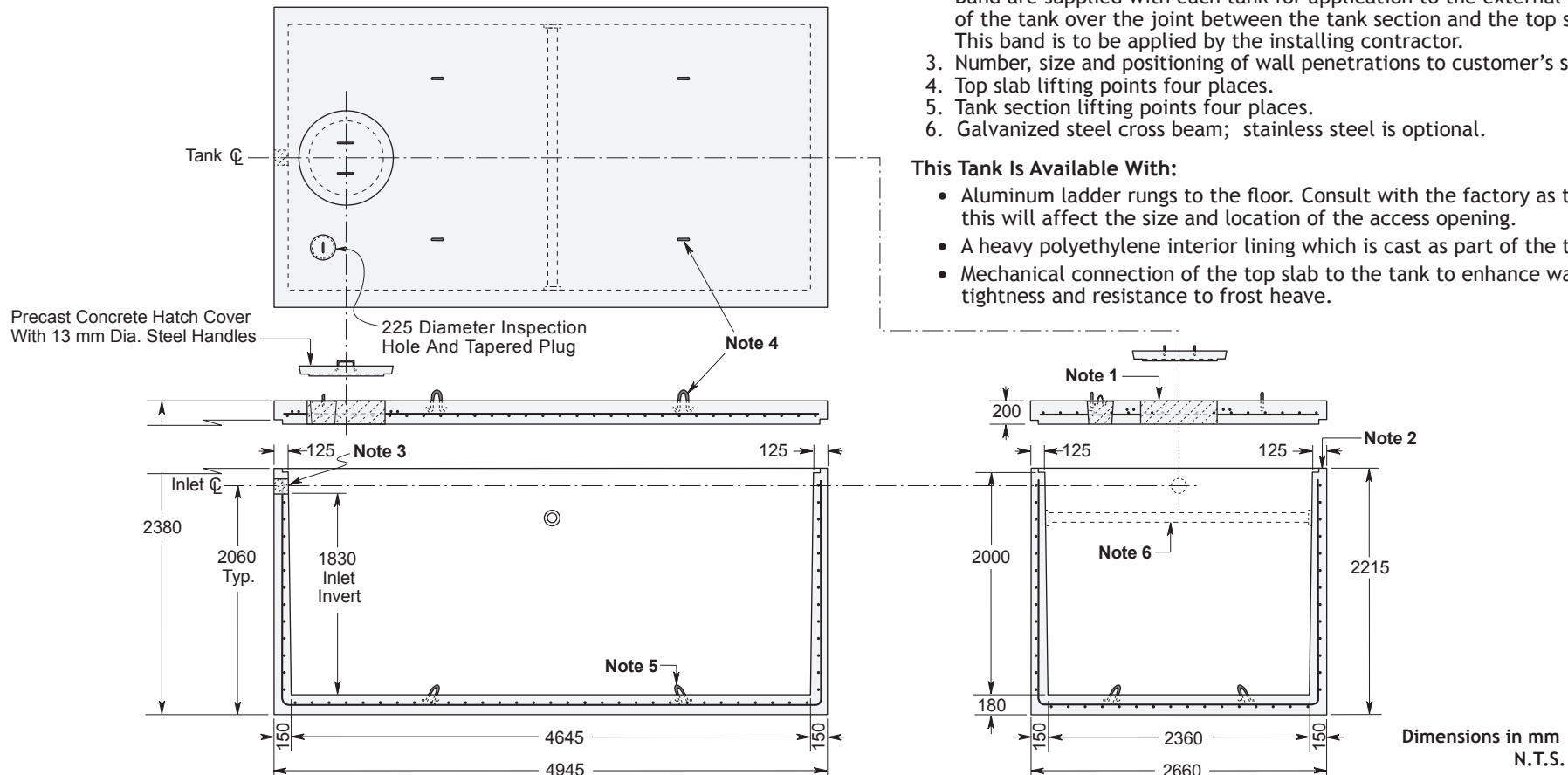
Actual Capacity: 11,138 Litres Per Vertical Metre.
22,276 Litres to Underside of Roof Slab.
20,382 Litres to Invert of Inlet.

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. 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. Number, size and positioning of wall penetrations to customer's specification.
4. Top slab lifting points four places.
5. Tank section lifting points four places.
6. Galvanized steel cross beam; stainless steel is optional.

This Tank Is Available With:

- Aluminum ladder rungs to the floor. Consult with the factory as to how this will affect the size and location of the access opening.
- A heavy polyethylene interior lining which is cast as part of the tank.
- Mechanical connection of the top slab to the tank to enhance water tightness and resistance to frost heave.



* Commensurate with a 1.5 Metre burial over the top slab in firm soil under an area of passenger vehicle parking.

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