

CONSTRUCTION DETAILS

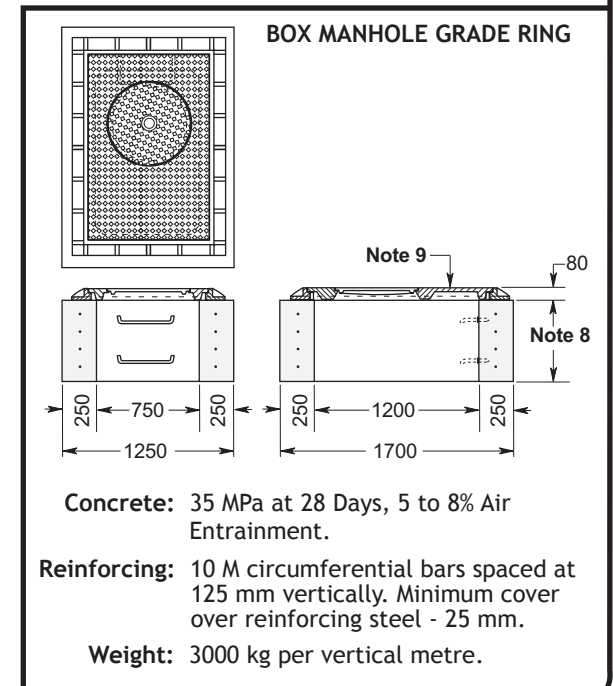
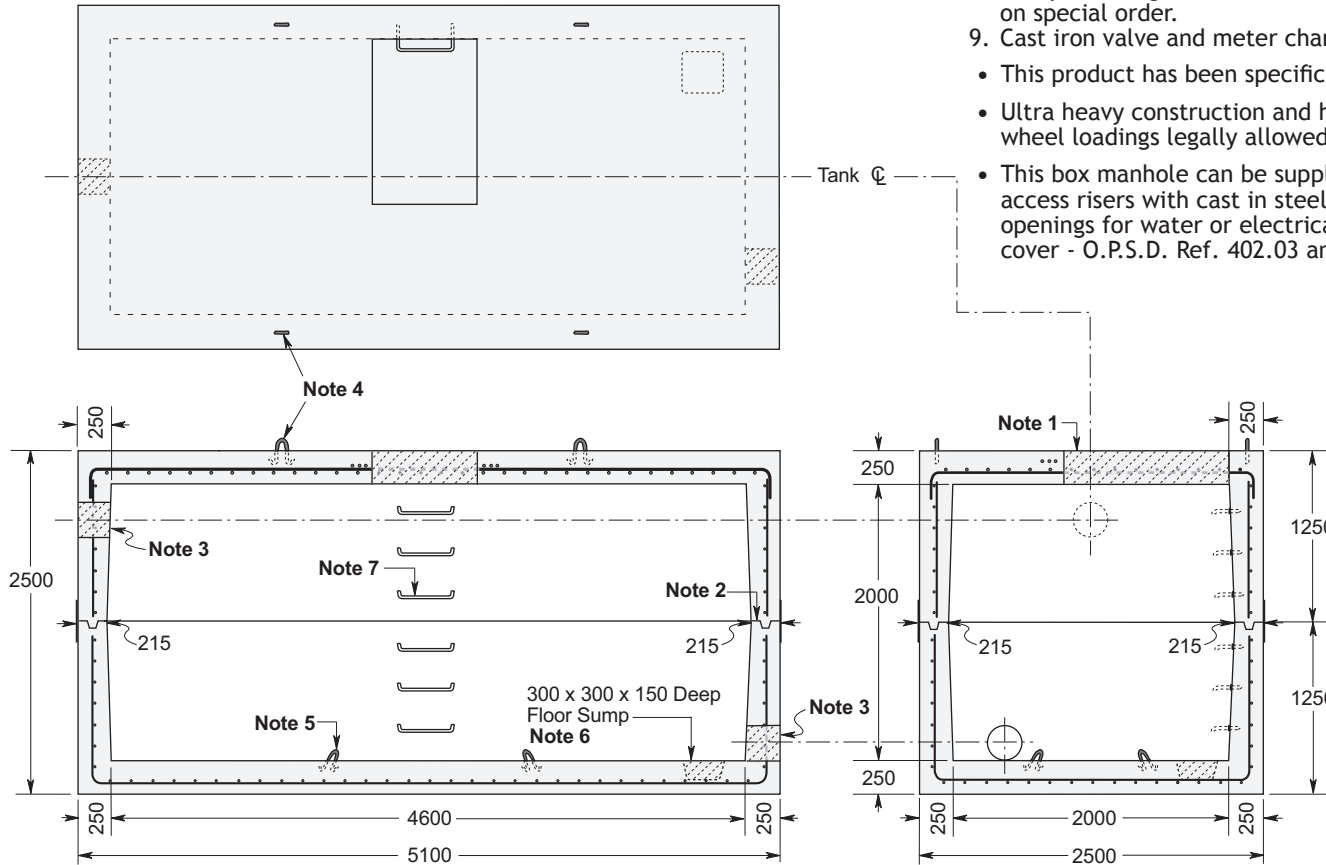
Concrete: 35 MPa at 28 Days, 5 to 8% Air Entrainment. Precast concrete materials and construction conforms with CSA A23.4-00

Reinforcing: 15 M bars at 150 mm centres each way in walls and floor.
20 M bars at 150 mm centres each way in roof.
Nine extra 20 M bars around roof access opening.
Minimum cover over reinforcing steel - 25 mm.

Weight: Top Section 16,200 kg
Bottom Section 16,200 kg
Total 32,400 kg

NOTES

1. Standard access opening is 1200 x 750 mm. Size and position are optional.
2. Close tolerance of tongue and groove joint and fibrous mastic sealant ensures 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. Pipe or duct openings to customer's specifications.
4. Top section lifting points four places.
5. Bottom section lifting points four places.
6. Floor sump location is optional.
7. Aluminum ladder rungs O.P.S.D. 405.01 to the floor at location shown.
8. One piece heights available in 300 and 600 mm. Any height between 300 and 600 mm on special order.
9. Cast iron valve and meter chamber cover - O.P.S.D. Ref. 402.03.
 - This product has been specifically designed as an underground watermain chamber.
 - Ultra heavy construction and high strength materials allow safe resistance to any wheel loadings legally allowed on Canadian public streets and highways.
 - This box manhole can be supplied with a variety of options; cast in hardware, special access risers with cast in steel, aluminum or cast iron covers, custom positioned openings for water or electrical duct entrance, cast iron valve and meter chamber cover - O.P.S.D. Ref. 402.03 and grade rings to suit.



For recommended installation procedures refer to Wilkinson Installation Guidelines and Lifting and Assembly Instructions.

Dimensions in mm
N.T.S.

Concrete: 35 MPa at 28 Days, 5 to 8% Air Entrainment.
Reinforcing: 10 M circumferential bars spaced at 125 mm vertically. Minimum cover over reinforcing steel - 25 mm.
Weight: 3000 kg per vertical metre.