

PRECAST SQUARE MANHOLE 2 M Square

CONSTRUCTION DETAILS

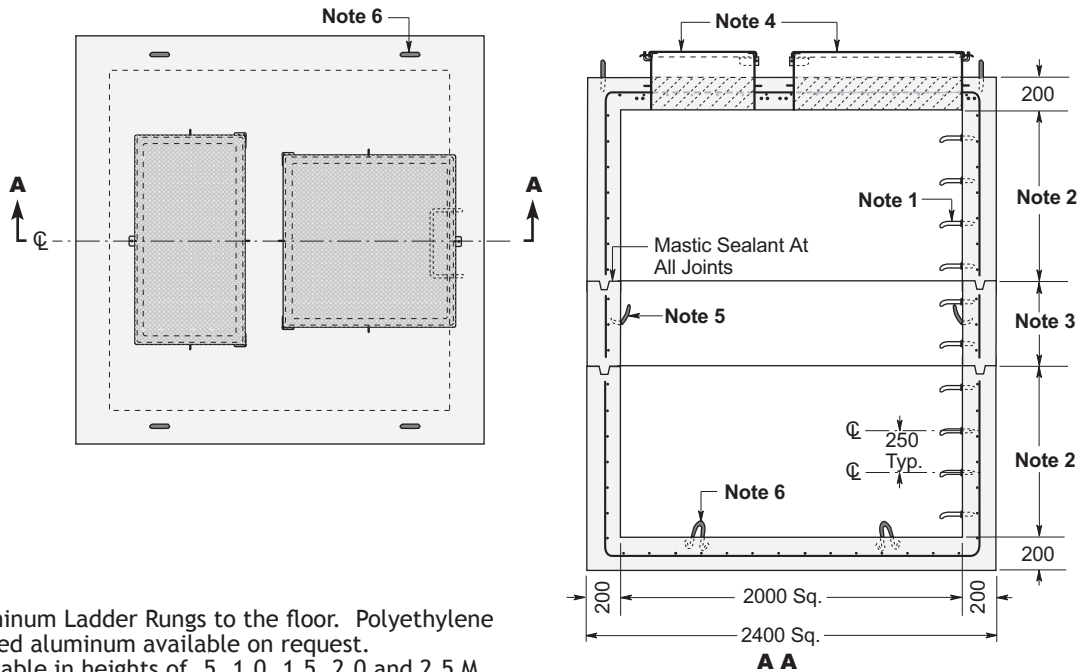
Concrete: 35 MPa at 28 Days, 5 to 8% Air Entrainment. Precast concrete materials and construction conforms with CSA A23.4-00

Reinforcing:* 10 M bars at 150 mm centres each way in roof, walls and floor.
Extra 20 M bars around roof access opening.
Minimum cover over reinforcing steel - 25 mm.

Weight: Base/Roof Slab 2850 kg
Walls 4350 kg/Vertical Metre

Calculation for Pump

Chamber Capacity: 4000 Litres/Vertical Metre



NOTES

1. Aluminum Ladder Rungs to the floor. Polyethylene coated aluminum available on request.
2. Available in heights of .5, 1.0, 1.5, 2.0 and 2.5 M.
3. Available in heights of .5, 1.0, 1.5, 2.0 and 2.5 M.
4. Drip proof and lockable frame and cover shown cast into top slab. Standard construction is 5 mm low carbon steel plate, hot dip galvanized after fabrication. This design is also available in aluminum or stainless steel.
5. Lifting points in walls four places.
6. Top/bottom section lifting points four places.

* Reinforcing detail can be customized to suit conditions of installation.

WILKINSON HEAVY PRECAST LIMITED

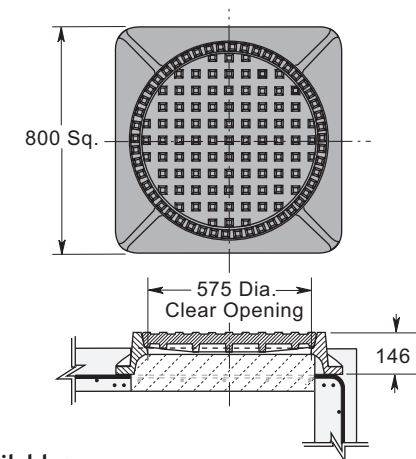
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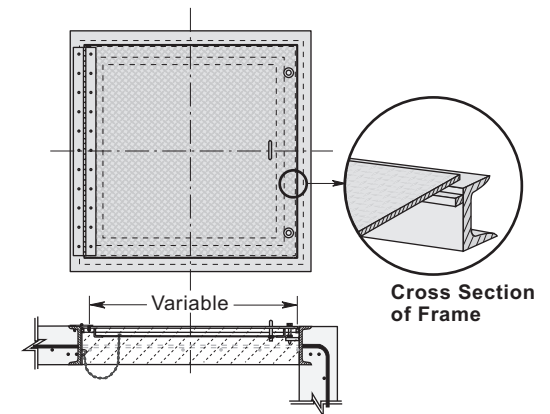
OPTIONAL COVERS - Cast Into Top Slab

STANDARD CAST IRON FRAME and COVER
OPSD Ref. 401.01



Also Available:
Bolted and Gasketed Frame and Cover - OPSD Ref. 401.03
and Locking Cover - OPSD Ref. 401.06

FLUSH TYPE FRAME and COVER



Available in Galvanized Steel, Stainless Steel or Aluminum