



**NOTES:**

1. FOR CAST IN PLACE BASE, CONCRETE SHALL BE 32 MPa AT 28 DAYS.
2. PRECAST MAINTENANCE HOLE SECTIONS SHALL BE TO A.S.T.M. SPECIFICATIONS C-478.
3. FIRST STEP TO BE 75 mm TO 300 mm BELOW FRAME. LAST STEP TO BE 300 mm ABOVE BENCHING OR 600mm ABOVE ABOVE INVERT IF NO BENCHING.
4. PARGING MIX ON ALL BRICKWORK SHALL BE 1:3 MORTAR MIX AND APPLIED 15 mm THICK.
5. OPENING IN BASE FOR PRECAST M.H. SECTION SHALL BE NOT LARGER THAN O.D. OF SECTION PLUS 25 mm. 12 mm SPACE SHALL BE FILLED WITH HOT BITUMINOUS SEALER.
6. ALL JOINTS AND LIFTING HOLES IN M.H. SECTIONS SHALL BE COMPLETELY FILLED WITH A 1:3 MORTAR MIX AND POINTED BEFORE BACKFILLING.
7. PIPES ENTERING PRECAST SECTIONS OF M.H. SHALL NOT ENTER AT JOINTS.
8. PRECAST FLAT TOP SHALL BE USED WHEN TOTAL HEIGHT OF PRECAST SECTION IS LESS THAN 1.200 m.
9. WALLS: 300 mm MIN FOR M.H.S 5 m OR LESS 375 mm MIN FOR M.H.S OVER 5 m.
10. OUTSIDE TAPER WHEN LADDER IS USED INSTEAD OF STEPS.

All dimensions are in millimetres unless otherwise shown.

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|  | ENGINEERING AND CONSTRUCTION SERVICES STANDARD DRAWING                                   | REV 1       | APR 2013 |
|  | SEMI - PRECAST MAINTENANCE HOLE<br>825 mm DIA. TO 1500 mm DIA. PIPE<br>MAXIMUM DEPTH 8 m | T-701.011-1 |          |
|  |  | NTS         | SHEET 1  |