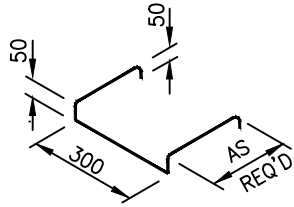


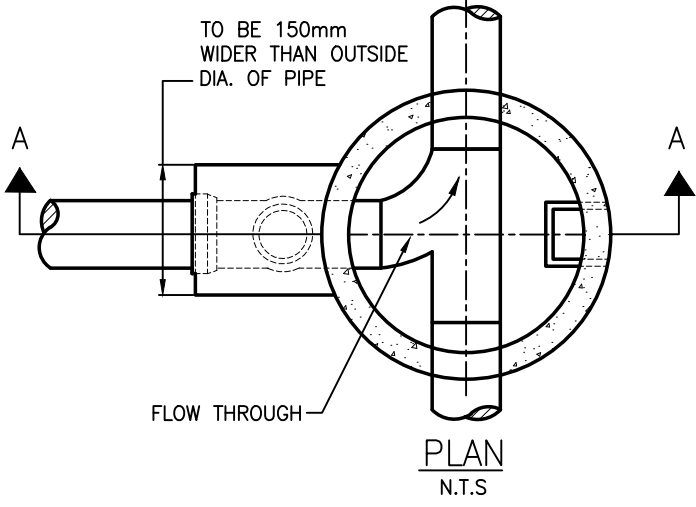
SAFETY TYPE MANHOLE RUNG



MIN. 150 DEPTH OF COMPACTED 20mm DIA. GRANULAR UNDER ALL MANHOLE BASES.

POURED IN PLACE OR PRECAST BASE AND BENCHING

SECTION 'A-A' N.T.S.



NOTES:

1. ALL PRECAST MANHOLES MUST CONFORM TO ASTM C478.
2. ALL CONCRETE SHALL HAVE 28 DAY STRENGTH OF 27.5 MPa. BENCHING TO UTILIZE TYPE 50 CEMENT
3. AN O-RING RUBBER GASKET OR BUTYL RUBBER SEALANT (OR RESPECTIVE APPROVED ALTERNATE) IS TO BE INSTALLED AT EACH BARREL JOINT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
4. ALL BARREL JOINTS ARE TO BE MORTARED ON THE OUTSIDE.
5. FORM FLOW THROUGH IN PARTIALLY SET CONCRETE & TROWEL SMOOTH.
6. ALL DIMENSIONS GIVEN IN MILLIMETRES
7. MAX. DISTANCE FROM RIM TO TOP RUNG IS 700mm
8. BACKFILL WITH SELECT NATIVE OR IMPORTED GRANULAR MATERIAL
9. DROP TO BE CONSTRUCTED FROM SAME MATERIALS AS PIPE
10. SLAB TOPS SHALL BE USED WHEN THE DISTANCE FROM THE BOTTOM OF THE RINGS TO THE MH BASE IS LESS THAN 2.2 m
11. IN SITUATIONS WHERE GRADE RINGS EXCEED MAX. 450mm, A BARREL SECTION IS TO BE USED.
12. ACCESS TO MANHOLE TO BE LOCATED OVER MAIN INLET.



Engineering Department

DATE: OCTOBER, 2020

DROP MANHOLE DETAIL

STD DWG

A4.2