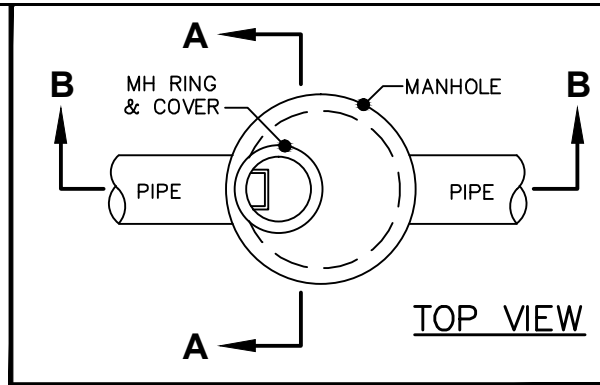


**SECTION B-B**



**TOP VIEW**

ALL LIFT HOLES WHICH COMPLETELY PENETRATE THE MANHOLE SHALL BE FILLED WITH NON-SHRINKING GROUT

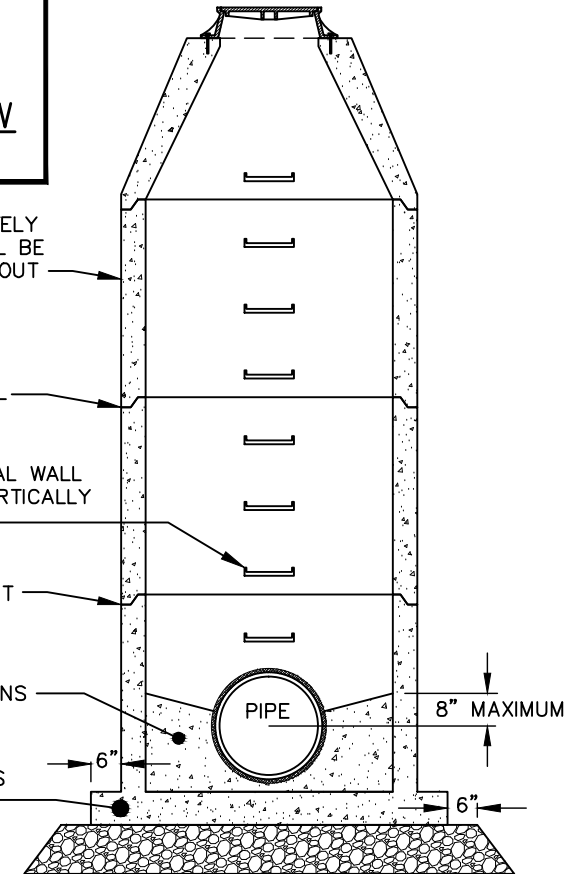
ALL EXTERNAL JOINTS SHALL BE SEALED WITH AN APPROVED JOINT SEALING MATERIAL

MANHOLE STEPS ALONG A VERTICAL WALL OVER THE EFFLUENT PIPE AND VERTICALLY ALIGNED (SEE DETAIL 07000.02)

O-RING OR BUTYL RUBBER JOINT

CONCRETE INVERT MEETING SPECIFICATIONS

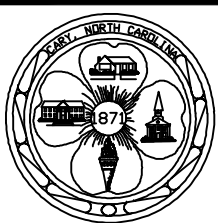
8" MIN. THICKNESS EXTENDED BASE



**SECTION A-A**

**NOTES:**

1. ALL MANHOLE CONNECTIONS SHALL BE PREFABRICATED OR CORED WITH A CONCRETE CORING MACHINE.
2. ALL MANHOLES SHALL BE VACUUM TESTED.
3. EXTENDED BASE REQUIRED FOR ALL MANHOLES WITH MORE THAN 12-FT DEPTH OF BURY.
4. PROVIDE A MINIMUM 0.1 FOOT IN-OUT DROP FOR STRAIGHT RUNS AND 0.2 FOOT IN-OUT DROP FOR ANGLE RUNS.



EFFECTIVE: 12/10/09

**STANDARD PRECAST CONCRETE MANHOLE**

DETAIL No.

07000.01  
SHEET 1 OF 3