STANDARD PRECAST CONCRETE MANHOLE

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.

SECTION A-A

NOTES:

- USE FOUR 3/8 INCH ANCHOR BOLTS TO BOLT FRAME TO SPACER.
- USE ROPE MASTIC SEAL BETWEEN FRAME & SPACER.
- 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.
- CONCRETE INVERT MEETING SPECIFICATIONS
- 8" MIN. THICKNESS EXTENDED BASE
- MANHOLE STEPS ALONG A VERTICAL WALL OVER THE EFFLUENT PIPE AND VERTICALLY ALIGNED (SEE DETAIL 07000.02)
- O-RING OR BUTYL RUBBER JOINT
- 12" BEDDING (#57 STONE)

STANDARD MANHOLE RING & COVER
(SEE DETAIL 07000.03)

EFFECTIVE: 12/10/09