STANDARD COMBINATION AIR VALVE
(FOR POTABLE WATER SYSTEMS)

EFFECTIVE: 07/01/13

NOTES:
1. TAP SIZE AND ISOLATION VALVE TO BE SAME SIZE AS AIR VALVE.
2. ALL PIPING AND FITTINGS, IN THE MANHOLE, SHALL BE 'NO LEAD' BRASS OR BRONZE UNLESS NOTED.
3. MANHOLE STEPS SHALL BE PLACED 16" O.C. AS SHOWN BY DETAIL 07000.02.
4. CONCENTRIC CONES MAY BE USED FOR AIR VALVE MANHOLES LESS THAN 5' IN DEPTH.

RING & COVER SPECIFICATIONS:
1. CLASS 35 GREY IRON.
2. COMPLIES WITH ASTM A48 CL35B.
3. CASTING TO BE COATED WITH A WATER-BASED ASPHALT PAINT (BLACK).
4. ALL LETTERING SHALL BE CLEAN, CRISP, AND CLEARLY LEGIBLE.
5. DOMESTICALLY MADE & MANUFACTURED IN THE USA.

MINIMUM WEIGHTS
RING 180
COVER 120
TOTAL 300

D.I.P. MAIN
4" MIN.
6"
12" MINIMUM
48"
12" - No. 57 STONE

4" MIN. (2) 1/2" x 1¾" HEX HEAD, STAINLESS STEEL BOLTS AND WASHERS AT 180° COUNTERSUNK. BOLTS & WASHERS TO BE TYPE 316 STAINLESS STEEL.

(2) OPEN PICKHOLES 1" DIAMETER
FILLETS @ R 1/8"
1¾" RAISED LETTERING (RECESS FLUSH)

STANDARD MANHOLE RING AND COVER Labeled Appropriately
FINISHED GRADE

ECCENTRIC CONE SECTION
COMBINATION AIR VALVE SIZED FOR THE PROPOSED USE

NO LEAD BRASS COLLAR
2" CATE VALVE
BRASS SERVICE SADDLE
NO LEAD CORPORATION STOP