



GENERAL NOTES:

1. PRECAST REINFORCED CONCRETE RISERS, TOP, BOTTOM & INVERT SHALL CONFORM TO ASTM C-478.
2. MANHOLE STEPS SHALL BE POLYPROPYLENE COATED STEEL BAR, M.A. INDUSTRIES PS1-PF, AMERICAN STEP COMPANY ML-10, LANE P-10938, OR APPROVED EQUAL.
3. WHERE REQUIRED, WATERPROOF FRAMES SHALL BE EAST JORDAN IRON WORKS 1885 W/ LID, WITH EXTERNAL FRAME SEAL, CRETEX OR APPROVED EQUAL.
4. THE SPACE BETWEEN THE CONE, ADJUSTING RINGS AND FRAME SHALL BE COMPLETELY SEALED WITH PREFORMED BITUMINOUS MASTIC GASKET.

STANDARD MANHOLE DETAIL (OVER 5 FEET)
DOWNERS GROVE SANITARY DISTRICT

REV. 10-20-84
REV. 8-12-97
REV. 4-23-98
REV. 7-14-98
REV. 2-1-15
REV. 9-14-15