



**NOTES:**

1. KOR-N-SEAL MANHOLE WITH BOOTED CONNECTIONS OR APPROVED EQUAL.
2. ALL DOGHOUSES SHALL BE GROUTED ON THE INSIDE.
3. THE PRECAST INVERT SHALL BE 1/2 THE DIAMETER OF THE PIPE AND THE BENCHES SLOPED INWARD TOWARD THE INVERT OF THE MAIN CHANNEL.
4. WHEN THE MANHOLE IS CONSTRUCTED OUTSIDE OF THE TRAVELED ROADWAY A WITNESS POST AND SIGN SHALL BE INSTALLED BEHIND THE MANHOLE FROM THE ROADWAY.
5. INSIDE DROP MANHOLES SHALL BE A MINIMUM 60" DIAMETER.
6. THE DROP SHALL BE INSTALLED PER MANUFACTURES RECOMMENDATIONS.
7. SECURE PVC DROP PIPE TO MANHOLE USING 316 STAINLESS STEEL SUPPORT BRACKETS.
8. A MINIMUM OF 2 ANCHOR POINTS PER DROP SECTION.
9. SPACING FOR CONNECTIONS TO WALL SHALL BE AT 3' INTERVALS.
10. ALL INSIDE DROP CONNECTIONS FOR SERVICES AND COLLECTOR SEWERS SHALL USE THE DROP BOWL AS PRODUCED BY: RELINER-DURAN INC. OR APPROVED EQUAL.
11. INSIDE DROPS ARE REQUIRED WHEN INVERT DIFFERENTIAL IS GREATER THAN 20".
12. INSTALL HOOD FOR FORCE MAIN APPLICATIONS OR AS DIRECTED BY THE CITY ENGINEER.
13. MANHOLE STEPS SHALL NOT INTERFERE WITH INSIDE DROP AND BE NEENAH R-1981J 16" ON CENTERS.
14. AREA COMPACTED TO 100% STANDARD PROCTOR DENSITY USING SUITABLE NATIVE SOILS OR MNDOT 3149.28 SELECT GRANULAR. COMPACTION TESTING PREFORMED EVERY 2'.



# SANITARY SEWER INSIDE DROP MANHOLE

REVISED: 2-24

ENGINEERING DEPARTMENT

PLATE NO.:

2104