NOTES:
1. EXISTING SANITARY OR COMBINED SEWER MUST
   BE 15" DIAMETER OR LARGER FOR "DOG HOUSE"
   MANHOLE USE.
2. INTEGRAL POUR FOR BASE AND BENCH.
   (NO PRECAST BASE)
3. ALL POURED-IN-PLACE CONCRETE MUST BE 4000 PSI
   NON-SHRINK MIX.
4. EXTERNAL DROP CONNECTION MUST BE PROVIDED
   IF INVERT OF CONNECTING SEWER IS 24" OR MORE
   ABOVE THE INVERT OF OUTLET (SEE SEPARATE MWRD
   STANDARD DROP DETAIL).
5. MANHOLE DIAMETER MINIMUM 60" INCREASES BASED
   ON THE EXISTING SEWER DIAMETER.
6. CONCRETE BONDING AGENT MUST BE APPLIED TO ALL
   INTERFACES OF PRECAST CONCRETE SURFACES WITH
   Poured-In-Place Concrete.
7. A CURVED INTERNAL ARCH FORM MUST BE USED
   DURING COLLAR CONCRETE FILL. NO BRICK, MORTAR,
   OR DEBRIS IS TO BE USED IN PLACE OF CONSOLIDATED
   CONCRETE.
8. DEBRIS MUST NOT BE ALLOWED TO ENTER THE SEWER
   SYSTEM AT ANY TIME DURING CONSTRUCTION.
9. ALL DIMENSIONS NOTED ARE MINIMUM ALLOWED.
10. THE STRUCTURE MUST NOT BE BACKFILLED FOR A
    MINIMUM OF 24 HOURS AFTER CONSTRUCTION.
11. PUMPING IN LIEU OF "DOG HOUSE" MANHOLE UPON
    ENGINEER AND INSPECTOR APPROVAL.

RUBBER BOOT CONNECTION
CONFORMING TO ASTM C-923

SANITARY/COMBINED
SEWER CONNECTION
( IF APPLICABLE, SEE NOTE 4)

4% SLOPE TO DRAIN TO
SPRING-LINE OF EXISTING
SEWER (SEE NOTES 2 AND 3)

COMPACTED AGGREGATE
OR BEDROCK 8" THICK

NATURAL UNDISTURBED SOIL

SQUARE FORMED CONCRETE COLLAR
EXTEND OUT 12" ALONG EXISTING
SEWER AND 9" AROUND BARREL ARCH
OPENING (SEE NOTES 3 AND 7)