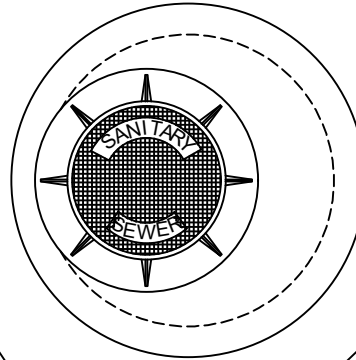


SET COVERS FLUSH IN ASPHALT PAVED AREAS,
3" ABOVE GRADE IN UNPAVED AREAS.



- MANHOLE NOTES -

1. DROP CONNECTIONS ARE REQUIRED WHENEVER INVERT OF INFLUENT SEWER IS 24" OR MORE ABOVE THE INVERT OF THE MANHOLE.
2. DROP PIPE AND FITTINGS SHALL BE EQUAL IN SIZE TO THE INFLUENT SEWER
3. ALL PRECAST UNITS SHALL BE LAID UP PLUMB AND LEVEL.
4. LONGITUDINAL AND CIRCUMFERENTIAL REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ASTM C478.
5. MANHOLES SHALL NOT EXCEED A DEPTH OF 20'.

MANHOLE FRAME & COVER SHALL BE No. 170-E AS MANUFACTURED BY U.S. FOUNDRY & MANUFACTURING OR APPROVED EQUAL.

NON-SHRINK MORTAR/GROUT

RIM

2 COURSES OF BRICK MIN., 4 COURSES OF BRICK MAX. OR APPROVED EQUAL

7"
12" MAX, 6" MIN.

2' MIN.

VARIES

OUTSIDE
(2) COATS OF KOPPERS BLACK SOLUTION OR APPROVED EQUAL

INSIDE
(2) COATS OF KOPPERS BITUMASTIC 300M OR APPROVED EQUAL

CEMENT TYPE II, 4000 PSI CONCRETE @ 28 DAYS MANUFACTURED IN ACCORDANCE WITH ASTM C478 LATEST REV.

5" MIN.
VARIES

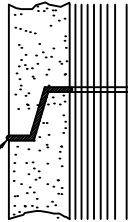
SEE JOINT DETAIL

CONCRETE FILL BENCHING (TROWEL FINISH)

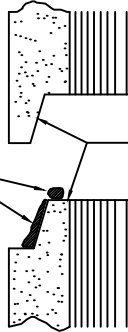
NOTE:
SPILLWAYS SHALL BE CONSTRUCTED BETWEEN PIPES WITH DIFFERENT INVERT ELEVATIONS PROVIDING FOR SMOOTH FLOWS.

PIPE INVERT ELEVATION

COMPLETED JOINT WITH SQUEEZE OUT

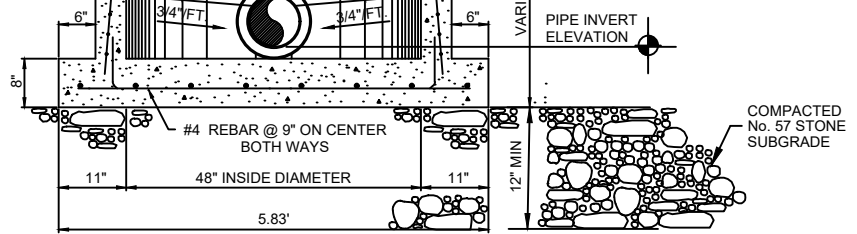


RAM-NEK PRE-MOLDED PLASTIC JOINT SEALER WITH PLASTIC WRAPPER (WRAPPER TO BE REMOVED)



PRE-PRIMED JOINT SURFACES

TONGUE AND GROOVE JOINT TYPICAL DETAIL



ALTERNATE-PRECAST MANHOLE TOPS

1. APPROVED CONCENTRIC CONE DESIGN MAY BE USED AS AN ALTERNATE.
2. APPROVED FLAT SLAB TOP MAY BE USED AS AN ALTERNATE (6" MIN. THICKNESS).

SANITARY PRECAST MANHOLE DETAIL

NOT TO SCALE



LEESBURG
The Lakefront City

City of Leesburg
Standard Details

2024

Detail S-1