

12" MINIMUM;  
ON BOTH  
ACHIEVE  
ANCHOR AS

NO INLET  
CONNECTIONS ALLOWED  
(THIS AREA)

PLAN

1. PRECAST MANHOLE SECTIONS SHALL MEET ASTM C478. MANHOLE JOINTS SHALL UTILIZE BUTYL RUBBER SEALANT, 2 PIECES ALL AROUND OR O-RING GASKETS (ASTM C443). A MINIMUM 4-INCH BUTYL RUBBER SEAL SHALL BE INSTALLED ON ALL BELOW GRADE EXTERIOR JOINTS.
2. FOR PIPE CONNECTIONS USE ASTM C-923 FLEXIBLE GASKET SUCH AS A-LOK, DURA SEAL III, KOR-N-SEAL OR APPROVED EQUAL.
3. RIM/LID FLUSH WITH GROUND IF IN ROADWAY/LANDSCAPE AREA, MINIMUM OF 2' ABOVE GRADE OTHERWISE.
4. EXTEND BASE 6" FOR ALL MANHOLES, MONOLITHICALLY CAST WITH BASE SECTION. EXTENDED BASE NOT REQUIRED FOR MANHOLES LESS THAN 8' DEEP.
5. ALL MANHOLES SHALL BE VACUUM TESTED PER ASTM 1244.

Diagram illustrating the application of sealant and mastic to a joint. The diagram shows a cross-section of a joint with the following components labeled:

- GROUT INSIDE JOINT
- 2 ROPES BUTYL RUBBER SEALANT
- MASTIC
- PARGE

DETAIL "A"

MIN. DEPTH = DIA. PIPE + 6'-0"

MIN. OF 1 CONSISTENT DIA. SECTION

8" MIN.

24" DIA. (TYP.)

8" MIN.

27" MIN.

48"

5" MIN.

15"

12"

1"

2"

6" MAX.

6" MIN.

CONCRETE WITH STEEL TROWEL FINISH OR PRECAST INVERT CHANNELS AND BENCH.

6" MIN. PIPE EMBEDMENT MATERIAL

UNDISTURBED EARTH

SECTION

CAST IRON FRAME AND COVER

APPROVED RUBBER RISER; 12" MAXIMUM; ONE FINISH RING MINIMUM; USE APPROVED SEALANT ON BOTH SIDES OF ALL RINGS TO ACHIEVE WATER TIGHT CONDITION; ANCHOR AS SHOWN ON SSD-11

ECCESTRIC CONE

GROUT BETWEEN FLEXIBLE GASKET AND PIPE

BENCH SLOPE (TYP.)

I.D. PIPE

FLEXIBLE GASKET (SEE NOTE #2)

SEE NOTE #4. BASE EXTENSION

NOTES:

1. PRECAST MANHOLE SECTIONS SHALL UTILIZE APPROVED RUBBER RISER AROUND OR O-RING JOINTS TO ACHIEVE WATER TIGHT CONDITION. BUTYL RUBBER SEALANT SHALL BE USED ON EXTERIOR JOINTS.
2. FOR PIPE CONNECTIONS, USE APPROVED SEALANT AS A-LOK, DURA SEAL, ETC.
3. RIM/LID FLUSH WITH CURB OR FINISH GRADE. MINIMUM OF 2' ABOVE FINISH GRADE.
4. EXTEND BASE 6" FOR PRECAST SECTIONS. EXTEND BASE 6" FOR BASE SECTION. EXTEND BASE 6" FOR BASE SECTION. EXTEND BASE 6" FOR BASE SECTION.
5. ALL MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE MANSUET STANDARD SPECIFICATIONS FOR MANHOLES.