

NEENAH R-1772 W/ TYPE 'B' LID OR APPROVED EQUAL. INSTALL TOP OF CASTING 1/4" BELOW FINISHED PAVEMENT. FLUSH WITH FINISHED GRADE IN YARD/LANDSCAPED AREAS

USE 1/4" ROLLED MASTIC ROPE BETWEEN CASTING AND RING, ONE ALONG INSIDE AND OUTSIDE EDGES WHEN POSSIBLE. FOR FINE ADJUSTMENT, A NON-SHRINK RAPID SETTING MORTAR, SPEED CRETE REDLINE OR SIMILAR APPROVED MATERIAL CAN BE USED, MAXIMUM OF 2" THICKNESS. NO SHIMS, BRICK OR CONCRETE UNDER CASTING

USE 1/4" ROLLED BUTYL MASTIC ROPE BETWEEN STRUCTURE AND RINGS, ONE ALONG INSIDE AND OUTSIDE EDGE. CASTING AND RINGS MUST BE ALIGNED VERTICALLY AND HAVE NO CRACKS (2.0" MAXIMUM HORIZONTAL OFFSET ALLOWED IF PRE-APPROVED)

MAXIMUM 12" OF ADJUSTMENT, 2 OR FEWER RINGS. 2" AND THICKER PRE-CAST RINGS ONLY

PRE-CAST REINFORCED CONCRETE MANHOLE PER ASTM C-478

12" MIN.

24" DIA.

24" TO 48" ECCENTRIC CONE

SEE CASING DETAIL

OFF SET CASING TO ALLOW FOR ACCESS AND CLEANING OF STRUCTURE

PLAN

SEE NOTE 3 FOR CASING MATERIAL

BACKFILL WITH B-BORROW OR APPROVED CLEAN SPOILS. COMPACT PER CURRENT CITY STANDARDS. IF UNABLE TO COMPACT BY MECHANICAL MEANS, PLACE No. 8 PEA GRAVEL BETWEEN EXCAVATION WALL AND STRUCTURE

PLACE SOLID CONCRETE BRICK UNDER EACH END FOR SUPPORT AND FILL VOID AROUND PIPE WITH PEA STONE

CORE AND BOOT STRUCTURE

PRECAST INVERT AND BENCH

VARIES

5"

VARIES BASE

6"

6"

6"

No. 8 AGGREGATE, MAYBE ELIMINATED BY ENGINEER IF CONDITIONS DO NOT WARRANT THE 6" OF BASE MATERIAL

NOTES:

1. ALL STRUCTURES MUST BE INSPECTED BY A C REPRESENTATIVE PRIOR TO INSTALLATION. STRUCTURES WILL BE REJECTED IF REINFORC STEEL IS EXPOSED, EXCESSIVE VOIDS ARE OBSERVED IN THE CONCRETE, DAMAGE TO CONCRETE BETWEEN SECTIONS AND ANY OTHER ITEM THAT COMPROMISE THE STRUCTURE
2. NO CARRIER PIPE JOINTS PERMITTED WITHIN CENTER FULL CARRIER PIPE SECTION WITHIN C
3. CASING MATERIAL
SANITARY STRUCTURE: C-900, PRESSURE CLASS 305 OR EPOXY COATED STEEL OR DIP
STORM STRUCTURE: DIP CL50 OR SCH40 STEEL

UTILITY CONFLICT STRUCTURE (TYPE Q)

NOT TO SCALE