

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 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)

PRE-CAST REINFORCED CONCRETE MANHOLE PER ASTM C-478

12" MIN.

24" DIA.

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

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

24" TO 48" ECCENTRIC CONE

SEE CASING DETAIL

OFF SET CASING TO ALLOW FOR ACCESS AND CLEANING OF STRUCTURE

PLAN VIEW

USE C-900 PRESSURE CLASS 350 OR APPROVED MATERIAL FOR CASING

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

PRECAST INVERT AND BENCH

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

CORE AND BOOT STRUCTURE

VARIES

5"

VARIES BASE

6"

6"

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

NOTE:

1. ALL STRUCTURES MUST BE INSPECTED BY A CITY REPRESENTATIVE PRIOR TO INSTALLATION. STRUCTURES WILL BE REJECTED IF REINFORCING STEEL IS EXPOSED, EXCESSIVE VOIDS ARE OBSERVED IN THE CONCRETE, DAMAGE TO CONCRETE EDGES BETWEEN SECTIONS AND ANY OTHER ITEM THAT MAY COMPROMISE THE STRUCTURE

UTILITY CONFLICT STRUCTURE (TYPE Q)

NOT TO SCALE

The City Of Goshen
Department of Public Works & Safety
Office of Engineering

204 East Jefferson, Suite 1 Street, Goshen, Indiana 46528
Phone: 574-534-2201 Fax: 574-533-8626
Web: goshenindiana.org

Date Approved By The City Of Goshen Board Of Public Works & Safety and Approved Revisions

03/27/2025

CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman
Approved By: D. Sailor, P.E.
Drawing Number: **SW-217**