

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

INSPECTION MANHOLE SHALL BE A MINIMUM OF 36" DEEP ABOVE THE SAMPLE POINT TO ACCEPT SAMPLER WITH DIMENSIONS OF 17.7" DIA. X 27.6" TALL

PRE-CAST REINFORCED CONCRETE MANHOLE PER ASTM C-478

NO LADDER RUNGS IN INSPECTION MANHOLE

CENTERLINE OPENING TO BE ACCESSED FROM MANHOLE CASTING

22.5° PVC ELBOW ROTATED A COUPLE INCHES OFF HORIZONTAL TO RETRIEVE SAMPLE FOR TESTING (TO BE ACCESSIBLE FROM MANHOLE OPENING)

4" OR 6" DIA. SANITARY SEWER SERVICE

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

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

RIGHT OF WAY

INSTALL INSPECTION MANHOLE ON DEVELOPMENT PROPERTY NOT WITHIN THE PUBLIC RIGHT OF WAY. POSITION TO ALLOW ACCESS BY CITY OF GOSHEN STAFF AT ALL TIMES

22.5° PVC ELBOW ROTATED SEVERAL INCHES OFF HORIZONTAL TO RETRIEVE SAMPLE FOR TESTING

4" OR 6" DIA. SANITARY SEWER SERVICE

22.5° PVC ELBOW ROTATION

NOTES:

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
2. WASTEWATER PRETREATMENT REQUIRES A MINIMUM OF 1 1/2" OF LIQUID DEPTH FOR SAMPLING EQUIPMENT TO COLLECT SAMPLE
3. SEE DETAIL SW-201 FOR ADDITIONAL STRUCTURE INFORMATION

SANITARY INSPECTION MANHOLE (TYPE F)

NOT TO SCALE

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
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Drawing Number: SW-206

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