

NOTE:

-
- LID OR L TOP OF ED ED AREAS**
- ED BY A BE S EXPOSED, N THE EDGES ER ITEM CTURE**
- MAXIMUM 12" OF ADJUSTMENT, 2 OR FEWER RINGS. 2" AND THICKER PRE-CAST RINGS ONLY**
- 24" DIA.**
- 24" TO 48" ECCENTRIC CONE**
- 12" - 16" TYP.**
- 'T' = 1/2 PIPE DIA.**
- PLUG**
- 5"**
- 4'-0" DIA.**
- NON-SHRINK RAPID SETTING MORTAR, SPEED CRETE RED LINE OR SIMILAR APPROVED MATERIAL**
- T' OR 6" MIN. (CLASS 'A' CONCRETE)**
- 24" TO 48" BARREL SECTION**
- T' OR 6" MIN.**
- (2) 45° PVC ELBOWS, NO SINGLE 90° ELBOW ALLOWED**
- VARIABLE BASE**
- FORM CHANNEL IN BENCH, 4" MIN DEPTH, TO MAIN INVERT TO PREVENT SOLIDS FROM COLLECTING BELOW THE PIPE. CURVE CHANNEL DOWNSTREAM ALONG MAIN INVERT TO PREVENT MATERIAL FROM COLLECTING AT THE INTERSECTION OF THE TWO FLOW LINES. IF POURED IN THE FIELD, THE CITY OF GOSHEN ENGINEERING DEPARTMENT MUST PRE-APPROVE THE DESIGN BEFORE INSTALLING. IF NOT PRE-APPROVED, THE CONTRACTOR MAY BE REQUIRED TO REMOVE THE BENCH AND RE-POUR WITH NO ADDITIONAL COMPENSATION.**
- 6"**
- 6"**
- AGGREGATE, MAYBE ELIMINATED BY TER IF CONDITIONS DO NOT NT THE 6" OF BASE MATERIAL**
- BOOTS REQUIRED FOR ALL SANITARY PIPE CONNECTIONS. AN INVERT INSTALLED IN THE FIELD MUST BE CORED. SEAL THE GAP BETWEEN THE PIPE AND BOOT WITH A NON-SHRINK RAPID SETTING MORTAR, SPEED CRETE RED LINE OR APPROVED. EXTEND PIPE 6" BEYOND INSIDE WALL FACE IF ABOVE PRECAST INVERT AND BENCH**

SEWER EXTERIOR DROP MANHOLE (TYPE D) - CONE W/ MANHOLE CASTING

NOT TO SCALE

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-204	