

CURB STOP BOX TO BE ORDERED 6" LONGER THAN  
SERVICE LINE BURY DEPTH WITH 1" ROD  
SMALL ARCH PATTERN BOX FOR 1" CURB STOP  
LARGE ARCH PATTERN BOX FOR 1.5" AND 2" CURB STOP

CURB STOP AND BOX WITH 1" ROD 18"  
SHORTER THAN THE MAXIMUM EXTENSION OF  
THE CURB BOX. SET TOP AT FINISH GRADE TO  
ELIMINATE TRIP HAZARD. USE PENTAGON  
PLUG STYLE LID TOP WITHIN A HARD SURFACE  
AREA WITHOUT EXPANSION MATERIAL

**NOTES:**

1. THERMOPLASTIC CURB STOP VALVES SHALL BE MANUFACTURED FROM POLYPROPYLENE COMPOUND AND ISO 9002 CERTIFIED. ALL VALVES SHALL BE RATED FOR 200 PSI. EACH VALVE SHALL HAVE AN OPERATING HANDLE PROFILED FOR MANUAL OR SERVICE KEY OPERATION. THE HANDLE SHALL HAVE A BUILT-IN SAFETY FEATURE THAT DISENGAGES AND RATCHETS IN EITHER DIRECTION WHEN OPERATING TORQUE EXCEEDS 20 FT. LB
2. SWING CHECK VALVES SHALL BE MANUFACTURED FROM ULTRA HIGH IMPACT PVC MATERIAL. ALL VALVES SHALL BE RATED FOR 150 PSI WORKING PRESSURE
3. THERMOPLASTIC PRESSURE FITTINGS FOR COLD-WATER APPLICATIONS SHALL BE MANUFACTURED FROM POLYPROPYLENE COMPOUND AND SHALL BE RATED FOR 200 PSI. FITTINGS SHALL HAVE OUTSIDE O-RING SEALED COMPRESSION ENDS DESIGNED FOR THE SPECIFIED SERVICE TUBING. FITTINGS SHOULD BE ISO 9002 AND NSF CERTIFIED. INSTALL FITTINGS PER MANUFACTURER'S RECOMMENDATIONS
4. THE CURB STOP AND SWING CHECK VALVE SHALL BE JOINED WITH A SECTION OF 6" THROUGH 12" POLYETHYLENE PIPE OF THE SAME SIZE AS THE LATERAL SPECIFIED TUBING. THE ASSEMBLY SHALL BE SHIPPED AS A COMPLETE UNIT WITH ENDS TO ACCOMMODATE THE SPECIFIED SERVICE TUBING

5.0' MIN. COVER  
6.0' MAX. COVER

FULLY BED AND BACKFILL WITH  
SAND, MIN. 6" ABOVE VALVES

TO SEWER MAIN

INSTALL COTTER PIN

SDR-9 CTS POLYPROPYLENE PIPE

SWING CHECK VALVE

(2) TRACER WIRES (GREEN) TO  
BE COPPERHEAD SOLOSHOT  
1245 OR APPROVED EQUAL.  
USE DRYCONN DIRECT BURY  
LUG OR SIMILAR PRODUCT AT  
SPliced WIRE CONNECTIONS

FROM GRINDER PUMP

6"-12"

## CURB STOP/SWING CHECK FORCED SEWER ASSEMBLY

NOT TO SCALE

*The City Of Goshen*  
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**CITY OF GOSHEN, INDIANA**  
**STANDARD DETAIL**

Drafted By: J. Hoffman  
Approved By: D. Sailor, P.E.

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