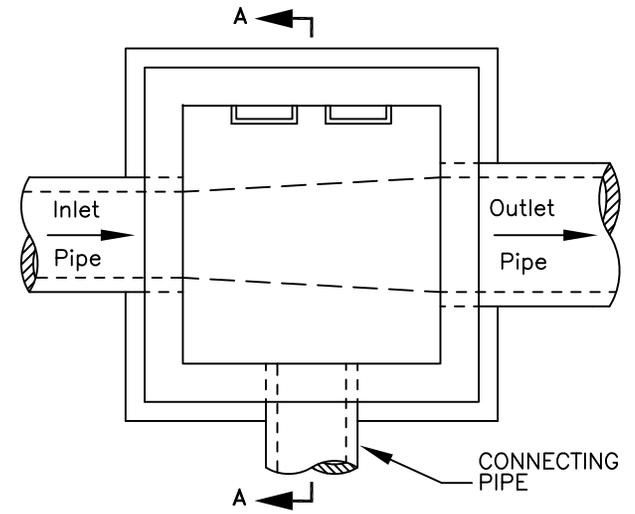
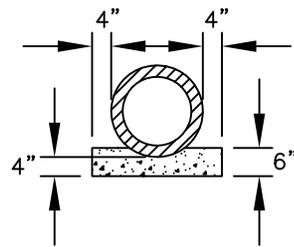


NOTES

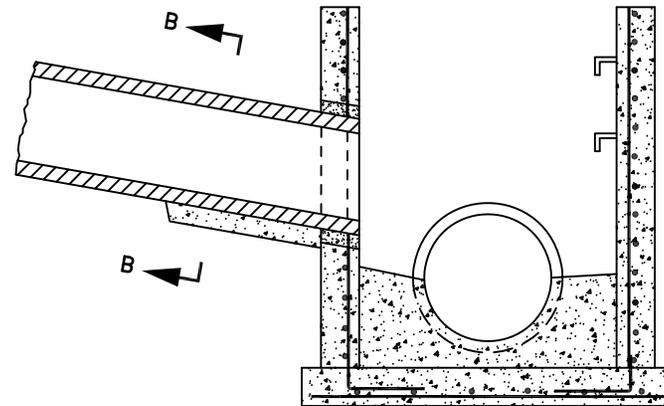
1. THE CONNECTING PIPE INVERT SHALL PENETRATE THE EXISTING STRUCTURE ABOVE THE FLOW CHANNEL BENCH WHENEVER POSSIBLE. THE CONNECTING PIPE SHALL BE A MINIMUM OF 8'-0".
2. THE HOLE CUT INTO THE EXISTING STRUCTURE SHALL BE NO MORE THAN 4" LARGER THAN THE OUTSIDE DIAMETER OF THE CONNECTING PIPE AND THIS GAP SHALL BE SEALED WITH HYDRAULIC CEMENT. THIS HOLE SHALL BE LOCATED TO ACCOMMODATE THE LINES AND GRADES FOR THE CONNECTING PIPE GIVEN ON THE PLAN DOCUMENTS.
3. A CONCRETE FOOTING SHALL BE PLACED UNDER THE CONNECTING PIPE TO FIRM UNDISTURBED SOIL SUBGRADE, 6" MIN. THICKNESS AND 4 FEET LONG. REFER TO SECTION BB FOR THE WIDTH AND ADDITIONAL INFORMATION. CONCRETE SHALL BE MD DEPT. OF TRANS. S.H.A. MIX NO. 2 (3,000 P.S.I.).
4. ALL RELATED WORK, MATERIAL, AND APPURTENANCES REQUIRED SHALL BE INCIDENTAL TO THE CONNECTING PIPE INSTALLATION.



PLAN VIEW
NO SCALE



SECTION BB
Typical footing section
NO SCALE



SECTION AA
NO SCALE



CITY OF HAGERSTOWN, MARYLAND – ENGINEERING AND INSPECTIONS DEPARTMENT

**STORM DRAIN STANDARD DETAIL
PIPE CONNECTIONS TO
EXISTING STRUCTURES**

ISSUE DATE: 01-01-03

REVISIONS

Plate SD-043