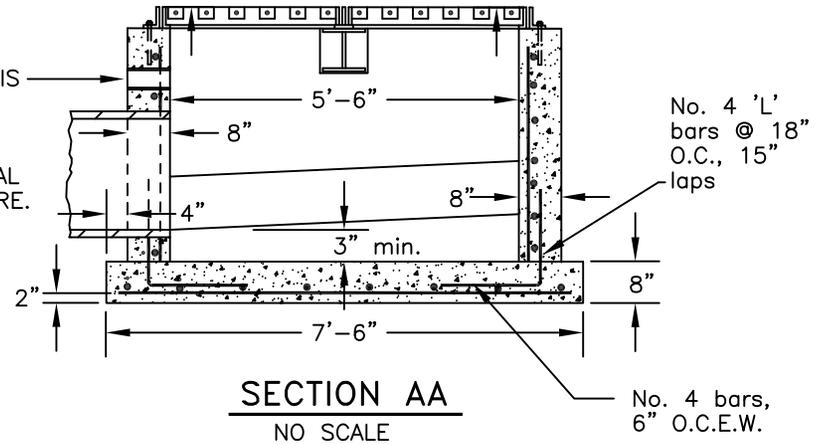


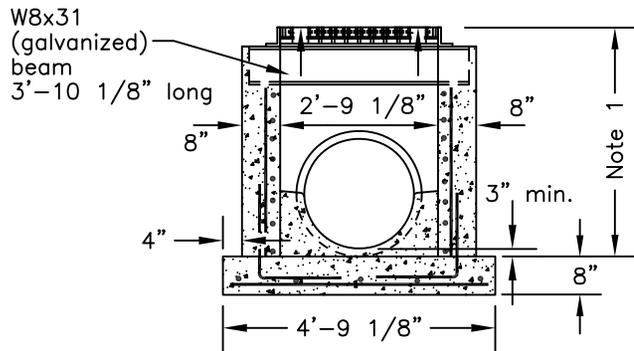
**'WR' INLET - PLAN VIEW**  
NO SCALE

WHEN AN UNDERDRAIN IS SPECIFIED, INSTALL AN 8" KNOCKOUT AT THE LOCATION AND INVERT GRADE GIVEN, INCIDENTAL TO THE INLET STRUCTURE.



TERMINAL INLET SHOWN

**SECTION AA**  
NO SCALE



**SECTION BB**  
NO SCALE

**NOTES**

1. THE DEPTH OF THE INLET SHALL BE AS REQUIRED TO SATISFY PROPOSED GRADES AND SPECIFICATIONS. A FINISH GRADE GRATE ELEVATION SHALL BE PROVIDED ON THE PLANS.
2. THE INLET SUBGRADE SHALL BE A MINIMUM 6" IN DEPTH MD DEPT. OF TRANS. S.H.A. GRADED AGGREGATE-BASE COMPACTED AS PER PLATE SD-011 ON FIRM UNDISTURBED SOIL.
3. PRECAST STRUCTURES ARE PERMISSIBLE PROVIDED SHOP DRAWINGS SIGNED AND SEALED BY A MARYLAND PROFESSIONAL ENGINEER ARE SUBMITTED & APPROVED BY THE CITY ENGINEER.
4. THE FLOOR SLAB IF CAST IN PLACE SHALL BE CONCRETE 8" THICK WITH NO. 4 REINFORCING STEEL AT 6" O.C.E.W. WITH 2" COVER AS SHOWN. INSTALL NO. 4 "L" BARS AS SHOWN.
5. THE INLET WALLS SHALL BE 8" CONCRETE WITH NO. 4 REINFORCING STEEL AT 6" O.C.E.W. WITH 2" COVER TO THE INSIDE FACE AS SHOWN (NO BRICK WALLS ALLOWED).
6. WHEN THE PROPOSED LOCATION OF THIS INLET IS ADJACENT TO THE CURB LINE THE CONTRACTOR SHALL INSTALL A CURB OPENING HEAD AND MODIFY THE DIMENSIONS IN ACCORDANCE WITH MD DEPT. OF TRANS. S.H.A. STANDARD WR INLET STD. NO. MD-374.04.
7. REFER TO MD DEPT. OF TRANS. S.H.A. STD. NO. MD-374.02 & MD-374.03 FOR FRAME AND GRATE INFORMATION.
8. REFER TO PLATE SD-012 FOR LADDER RUNG INFORMATION AND TO PLATE SD-013 FOR FLOW CHANNEL INFORMATION.
9. REFER TO PLATE SD-010 AND MD DEPT. OF TRANS. S.H.A. STD. NO. MD-374.04 FOR ADDITIONAL INLET CONSTRUCTION INFORMATION.
10. PIPE ENTERING THE ENDS OF THIS INLET SHALL BE 24" DIAMETER MAXIMUM.
11. WHEN INSTALLED ADJACENT TO A CURB PROVIDE A PRECAST CONCRETE CURB HEAD IN ACCORDANCE WITH MD DEPT. OF TRANS. S.H.A. "BOOK OF STANDARDS" STANDARD NO.'S MD-374.04 AND MD-374.06.



CITY OF HAGERSTOWN, MARYLAND - ENGINEERING AND INSPECTIONS DEPARTMENT

**STORM DRAIN STANDARD DETAIL  
MODIFIED TYPE "WR" INLET  
PLAN AND SECTIONS**

ISSUE DATE: 01-01-03

REVISIONS

**Plate SD-022**