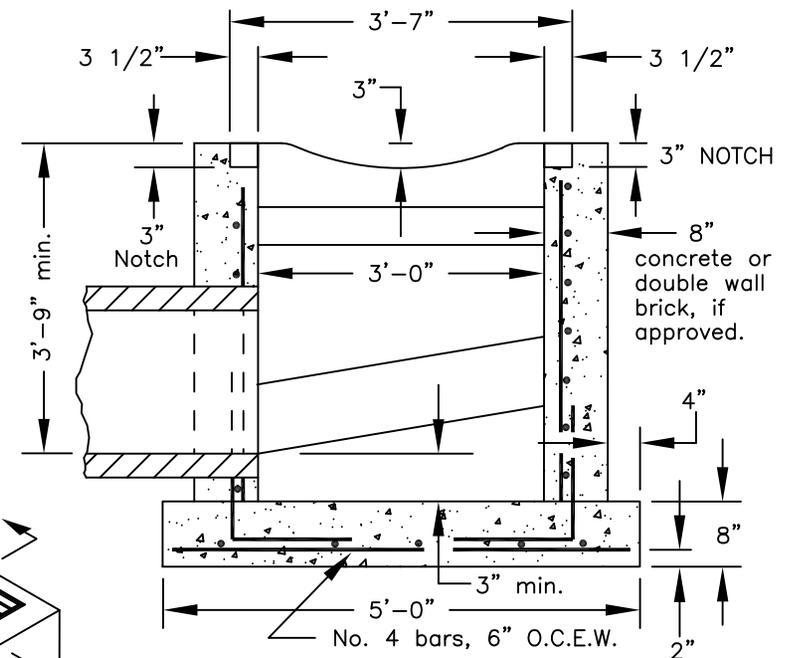
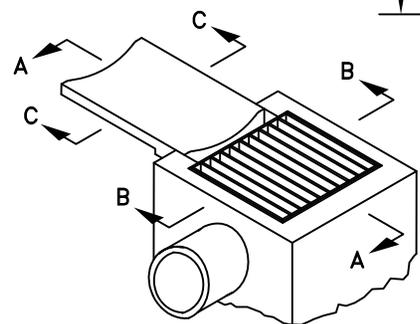


**SECTION AA**  
NO SCALE

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

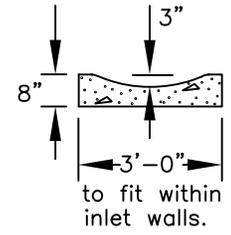
NO. 4 "L" BARS, 15" X 15" @ 18" O.C.



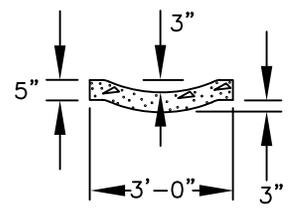
**SECTION BB**  
NO SCALE

**NOTES**

1. THE DEPTH OF THE INLET SHALL BE AS REQUIRED TO SATISFY DESIGN GRADES AND SPECIFICATIONS.
2. THE INLET SUBGRADE SHALL BE A MIN. 6" 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 (8" BRICK WALL MAY BE USED IF APPROVED).
6. PIPE ENTERING THIS INLET ON THE SIDE SHOWN IN SECTION A-A SHALL HAVE A MAXIMUM DIAMETER OF 24" AND PIPE ENTERING THE ENDS OF THE INLET A 15" MAXIMUM DIAMETER.
7. FOR ADDITIONAL INLET INFORMATION REFER TO PLATE SD-010. REFER TO PLATE SD-012 FOR LADDER RUNG INFORMATION AND TO PLATE SD-013 FOR FLOW CHANNEL INFORMATION.
8. REFER TO MD DEPT. OF TRANS. S.H.A. TYPE K INLET STD. NO. MD-378.05 FOR ADDITIONAL INFORMATION INCLUDING GRATE CONSTRUCTION DETAILS.



THIS SECTION TO EXTEND 6" FROM THE INLET END OF THE GUTTER.



THE LENGTH SHALL BE 10' MIN.

**SECTION CC**  
NO SCALE



CITY OF HAGERSTOWN, MARYLAND - ENGINEERING AND INSPECTIONS DEPARTMENT

**STORM DRAIN STANDARD DETAIL  
TYPE "K" YARD INLET  
PLAN AND SECTIONS**

ISSUE DATE: 01-01-03	
REVISIONS	

**Plate SD-023**