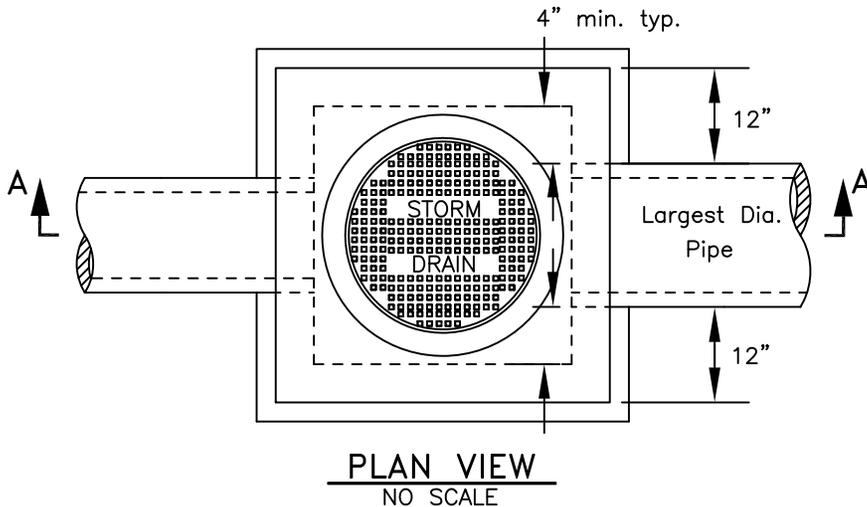


NOT INTENDED FOR NEW CONSTRUCTION, BUT FOR EXISTING SITUATIONS ONLY.  
APPROVAL OF THE CITY ENGINEER REQUIRED.

### NOTES

- SHIM THE FRAME AND COVER SUCH THAT IT IS FLUSH WITH THE ADJACENT PAVEMENT SLOPES. THE FRAME & COVER SHALL BE CENTERED ON THE 24" ACCESS OF THE STRUCTURE. THE FRAME & COVER SHALL BE CAST IRON NEENAH R-1642-A OR APPROVED EQUAL (5" HEIGHT) AND THE WORDS "STORM DRAIN" SHALL BE CAST INTO THE LID. A 24" CIRCULAR HOLE IS REQUIRED ON EITHER TOP TO ACCOMMODATE THE FRAME & COVER. THIS HOLE SHALL BE SMOOTH AND FREE OF NICKS OR BURRS.
- REFER TO PLATE SD-031 SQUARE CAST IN PLACE MANHOLE FOR ADDITIONAL INFORMATION AND CONSTRUCTION NOTES.
- WHERE THE COVER OVER ANY PIPE IS 11" OR LESS USE THE STEEL PLATE TOP MANHOLE OF SECTION AA-2. WHERE THE COVER OVER ANY PIPE IS 12"-16" USE THE CONCRETE SLAB TOP MANHOLE OF SECTION AA-1.
- THE STEEL PLATE SHALL BE PAINTED ON ALL EDGES AND ALL SURFACES AND THE FRAMES & COVERS SHALL BE PAINTED WITH BENJAMIN MOORE BLACK-IRON CLAD NO. 163-80, OR APPROVED EQUAL.
- FOR ADDITIONAL MANHOLE INFORMATION REFER TO PLATE SD-010. REFER TO PLATE SD-012 FOR LADDER RUNG INFORMATION AND TO PLATE SD-013 FOR FLOW CHANNEL INFORMATION. REFER TO PLATE SD-011 FOR BACKFILL.



CITY OF HAGERSTOWN, MARYLAND - ENGINEERING AND INSPECTIONS DEPARTMENT

## STORM DRAIN STANDARD DETAIL TYPE "S" SHALLOW STORM DRAIN MANHOLE

ISSUE DATE: 01-01-03

REVISIONS

01-01-04	01-01-07
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Plate SD-032