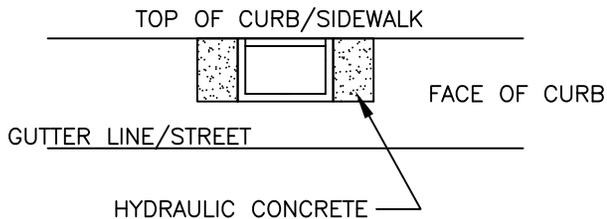


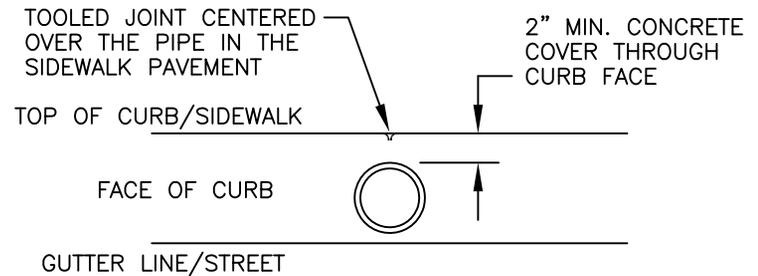
CLOSED CHANNEL DRAIN PLAN VIEW

NO SCALE



CLOSED CHANNEL DRAIN ELEVATION

NO SCALE



THIS IS THE PREFERRED CONSTRUCTION METHOD, SEE NOTE 1.

PIPE DRAIN ELEVATION

NO SCALE

NOTES

1. THE PREFERRED METHOD OF CONVEYING WATER ACROSS A SIDEWALK IS TO USE A PIPE UNDER (AND/OR PART OF) THE SIDEWALK CONCRETE. THE MINIMUM CONCRETE COVER OVER THE PIPE SHALL BE 2", THE PIPE DIAMETER SHALL BE SUFFICIENT FOR THE ROOF DOWNSPOUT OR OTHER PIPE, AND THERE SHALL BE FALL TO THE STREET.
2. IF THE CRITERIA OF NOTE 1. CAN NOT BE SATISFIED, INSTALL THE MANUFACTURED CHANNEL WITH NON-SKID PEDESTRIAN SURFACE PLATES AS SHOWN.
3. ALL CHANNEL DRAINS, FITTINGS, PLATES, ETC. SHALL BE SUBMITTED FOR APPROVAL BY THE CITY ENGINEER. DRAIN LOCATION AND GRADES SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO ANY CONCRETE PLACEMENT.
4. ALL THE CHANNEL DRAIN PARTS AND FITTINGS SHALL BE CONNECTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
5. THE NON-SKID SURFACE PLATES SHALL BE SECURELY FASTENED TO THE MANUFACTURED CHANNEL WITH BOLTS OR SCREWS AND TAPED OVER ON TOP PRIOR TO SIDEWALK CONCRETE PLACEMENT.



CITY OF HAGERSTOWN, MARYLAND – ENGINEERING AND INSPECTIONS DEPARTMENT

**STORM DRAIN STANDARD DETAIL
CLOSED SIDEWALK CHANNEL DRAIN
WITH REMOVABLE PLATES**

ISSUE DATE: 01-01-03

REVISIONS

Plate SD-050