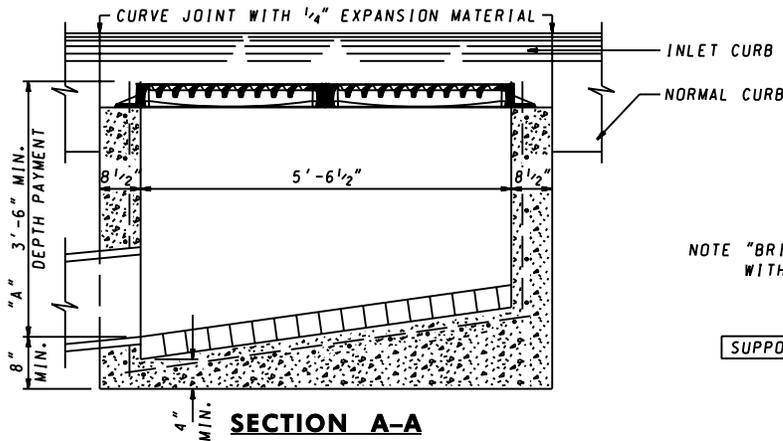


INVERT MAY BE PLAIN CONCRETE OR 4" BRICK LAID ON EDGE. INVERT TO SLOPE DOWN TOWARD OUTLET AT THE RATE OF 2" PER FOOT, OR AS DIRECTED.

LEAVE 4"x4" OPENING FOR SUBGRADE DRAINAGE, IF DIRECTED.

STANDARD CLASS 'S' CAST IRON FRAME & GRATES. SEE STANDARD MD 379.05.

PLAN



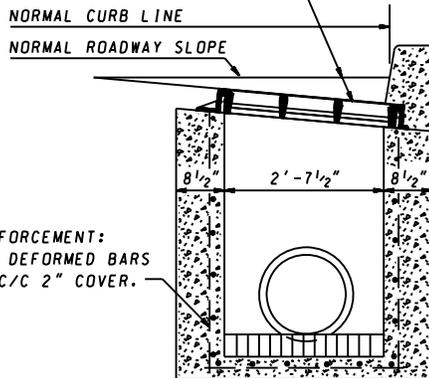
NOTE "BRICK FOR MASONRY", TO COMPLY WITH THE LATEST S.H.A. SPECIFICATIONS.

SUPPORT BEAM IS NOT TO BE USED

SECTION A-A

NOTES

NOTE FOR UNDEPRESSED INLETS. USE NORMAL PAVEMENT SLOPE.



REINFORCEMENT:
NO. 4 DEFORMED BARS
@ 6"C/C 2" COVER.

INLET SHALL BE CONSTRUCTED OF REINFORCED CONCRETE (MIX NO.2) SIZE, TYPE & DIRECTION OF INLET CONNECTION WILL VARY TO SUIT CONDITIONS.

REINFORCEMENT REQUIRED ON OUTSIDE, AS WELL AS ON INSIDE, OF WALLS BELOW 7'-0" WHEN 'A' IS GREATER THAN 7'-0". SPACING, SAME AS FOR INSIDE OF WALL.

PLACE 1/4" EXPANSION MATERIAL OF SAME TYPE APPROVED FOR PAVEMENT BETWEEN THE FRAME AND ABUTTING RIGID PAVEMENT, & BETWEEN ENDS OF INLET CURB & NORMAL CURB. SLOPE FACE OF CURB TO MEET INSIDE EDGE OF FRAME AS SHOWN IN SECTION B-B.

STANDARD CLASS 'S' INLET (DOUBLE GRATE TANDEM) MAY BE USED WITH ONE END ADJACENT TO CURB. FRAME WILL BE LAID ON NORMAL SLOPE OF ROADWAY UNLESS NOTED OTHERWISE.

ALL WALL AND FRAME & GRATE DIMENSIONS SAME AS WHEN SIDE IS ADJACENT TO CURB AS SHOWN ON LEFT.

INLET MAY BE USED IN LOW SPOTS WHICH ARE NOT ADJACENT TO CURB.

SECTION B-B

SPECIFICATION 305	CATEGORY CODE ITEMS
APPROVED	<i>Kirk G. McCall</i> DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT
	APPROVAL • SHA REVISIONS
	APPROVAL 10-30-69
	REVISED 10-1-01
	REVISED 7-1-09
	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION
	APPROVAL 11-10-69
	REVISED 2-24-88
	REVISED 7-27-09
	REVISED 08-03-10
	REVISED 07-26-10

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

STANDARD TYPE S INLET
DOUBLE GRATE TANDEM

STANDARD NO.

MD 379.03