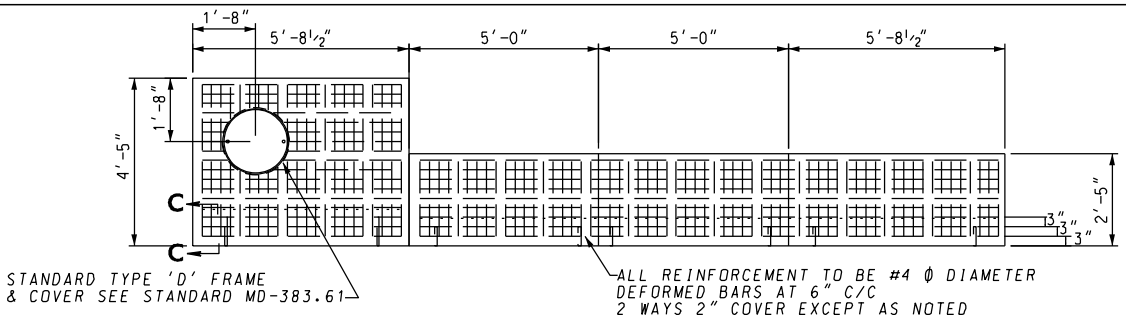
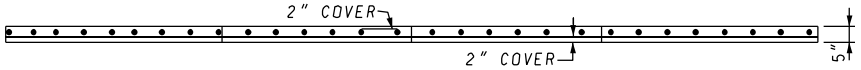
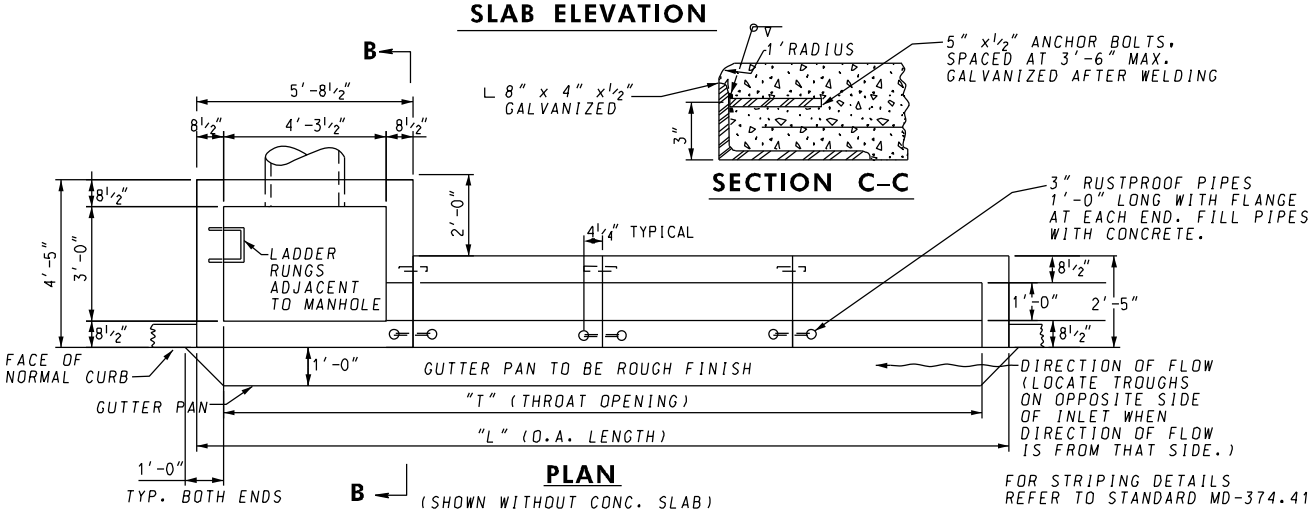


CONCRETE SLAB



SLAB ELEVATION



SECTION C–C

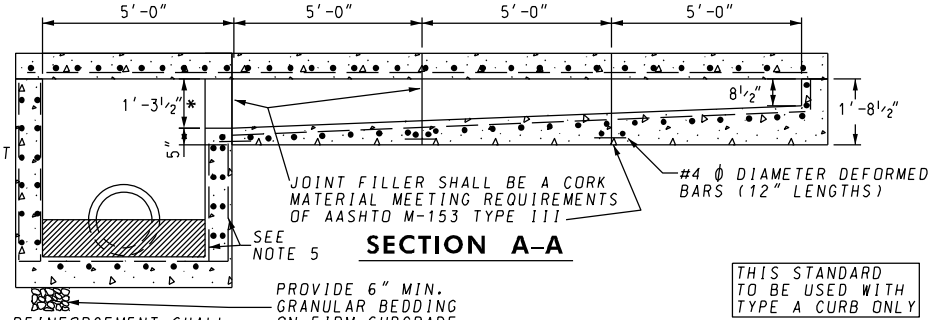
PLAN

(SHOWN WITHOUT CONC. SLAB)

FOR STRIPING DETAILS
REFER TO STANDARD MD-374.41

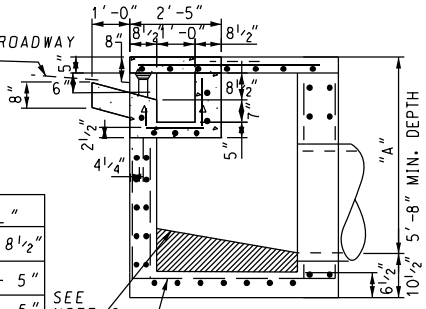
GENERAL NOTES

1. CONCRETE TO BE MIX NO. 2 (3,000 PSI).
2. SIZE, TYPE, AND DIRECTION OF INLET CONNECTION WILL VARY TO SUIT CONDITIONS.
3. SEE SHA LATEST SPECIFICATIONS FOR INLETS.
4. CURB OPENING SHOULD NOT ENCROACH ON CROSSWALK AREAS
5. WHEN "A" IS LESS THAN 7'-0", WALL REINFORCEMENT SHALL BE ONE LAYER OF NO. 4 DEFORMED BARS @ 6" C/C, TWO WAYS, AND HAVE 3" COVER. WHEN "A" IS GREATER THAN 7'-0" AND LESS THAN THE 15'-0", WALL REINFORCEMENT TO BE TWO LAYERS OF NO. 4 DEFORMED BARS @ 6" C/C, TWO WAYS , ON INSIDE AND OUTSIDE OF WALL WITH 2" COVER.
6. BASE REINFORCEMENT SHALL BE ONE LAYER OF NO. 4 DEFORMED BARS @ 6" C/C , TWO WAYS, WITH 2" COVER FROM TOP OF BASE.
7. PLACE EXPANSION MATERIAL (SAME TYPE APPROVED FOR PAYMENT) AS INDICATED
8. ANGLES AND ANCHOR BOLTS TO BE GALVANIZED IN ACCORDANCE WITH ASTM A123 AFTER WELDING
9. INLET DEPTH MUST BE INCREASED WHEN PIPES LARGER THAN 18" AND USED UNDER THE TROUGH SECTION
10. LADDER RUNGS SHALL BE IN ACCORDANCE WITH STD MD 383.91 AND MD 383.92 OR AS DIRECTED BY THE ENGINEER.
11. FROM THE CURB LINE, INLET HAS BEEN DESIGNED FOR HS-25 LOADING ACCORDING TO AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR A MAXIMUM DEPTH OF 15'-0"



SECTION A–A

THIS STANDARD
TO BE USED WITH
TYPE A CURB ONLY



SECTION B–B

INVERT TO SLOPE 2" PER FOOT
TOWARD OUTLET OR AS DIRECTED.

NOTE: INLET DEPTH MUST BE INCREASED WHEN PIPES LARGER THEN 18" ARE USED UNDER THE TROUGH SECTIONS.

INLET	"T"	"L"
C O G- 5	4'- 3½"	5'- 8½"
C O G- 10	10'- 0"	11'- 5"
C O G- 15	15'- 0"	16'- 5"
C O G- 20	20'- 0"	21'- 5"

* THIS DIMENSION TO BE MAINTAINED FOR ALL STANDARD COG INLETS

SPECIFICATION	CATEGORY CODE ITEMS
305	

APPROVED _____
DIRECTOR – OFFICE OF HIGHWAY DEVELOPMENT

APPROVAL • SHA REVISIONS		APPROVAL • FEDERAL HIGHWAY ADMINISTRATION	
APPROVAL	2-27-81	APPROVAL	6-24-81
REVISED	11-18-04	REVISED	3-30-87
REVISED	10-7-14	REVISED	9-29-14
REVISED		REVISED	

SHA State Highway Administration

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION

STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

STANDARD C O G INLETS
5', 10', 15' & 20'

STANDARD NO. MD 374.31