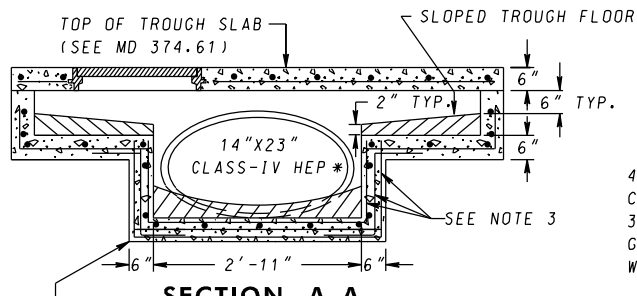
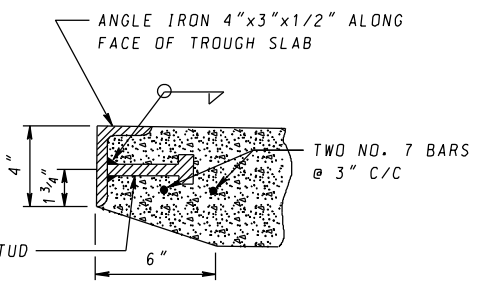


**PLAN**  
NOT TO SCALE

\* EQUIVALENT PIPE(S) MAY BE SUBMITTED FOR APPROVAL. SUBMITTAL MUST INCLUDE HYDRAULIC COMPUTATIONS.



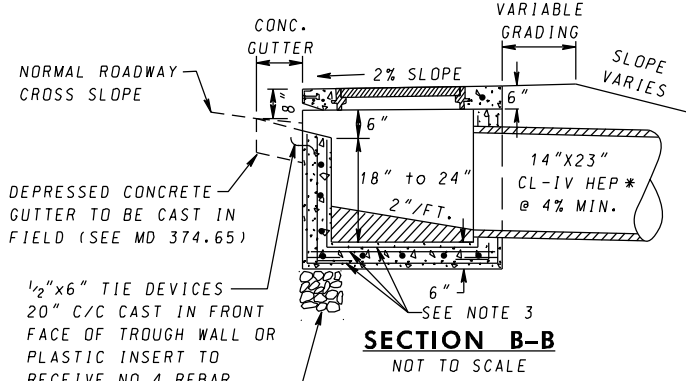
**SECTION A-A**  
NOT TO SCALE



**SECTION C-C**  
(THROUGH THE TOP SLAB ONLY)  
NOT TO SCALE

LAP SPLICE REINFORCEMENT  
1'-0" (TYP) AROUND  
CORNERS AS SHOWN

4"x1/2" SHEAR STUD  
CONNECTORS AT  
3'-6" C/C MAX  
GALVANIZE AFTER  
WELDING



**SECTION B-B**  
NOT TO SCALE

1/2"x6" TIE DEVICES  
20" C/C CAST IN FRONT  
FACE OF TROUGH WALL OR  
PLASTIC INSERT TO  
RECEIVE NO.4 REBAR

6" MIN. BEDDING  
OF NO. 57 AGGREGATE  
ON AN APPROVED  
SUBGRADE (BY OTHERS)

**NOTES**

1. SLOPED TROUGH FLOOR TO BE CAST IN THE FIELD AND USED ONLY WHEN ROAD GRADE IS 1.5% OR LESS. WHEN SLOPED TROUGH FLOOR IS USED, ROUGHEN PRECAST TROUGH FLOOR.
2. CONCRETE SHALL BE MIX NO. 6.
3. FOR CAST IN PLACE INLET, REINFORCEMENT SHALL BE NO. 4 BARS AT 6" C/C, TWO WAYS, PLACED IN THE CENTER OF THE INLET WALLS AND BASE. FOR PRECAST INLETS, REINFORCEMENT SHALL BE TWO LAYERS OF 4X4- W4.0 X W4.0 WELDED WIRE FABRIC WITH 1 1/2" COVER AT WALLS AND TWO LAYERS OF 4X4- W5.0 X W5.0 WELDED WIRE FABRIC WITH 1 1/2" COVER AT BASE.
4. FOR MANHOLE FRAME AND COVER SEE MD 383.61.
5. MINIMUM DEPTH PAYMENT SHALL BE 3'-6" MEASURED FROM THE BOTTOM OF THE BASE UNIT TO THE TOP OF THE TROUGH SLAB. VERTICAL DEPTH PAYMENT IN EXCESS OF 3'-6" IS NOT PERMITTED. USE OTHER STANDARDS IF ADDITIONAL VERTICAL DEPTH IS REQUIRED.
6. PIPE TO BE PAID FOR SEPARATELY
7. FROM CURB LINE/SIDEWALK, INLET HAS BEEN DESIGNED FOR HS-25 LOADING, ACCORDING TO AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

SPECIFICATION <b>305</b>	CATEGORY CODE ITEMS
APPROVED	DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT
	APPROVAL • SHA REVISIONS
	APPROVAL 12-3-97
	REVISED 10-7-14
	REVISED -
	REVISED

**Maryland Department of Transportation**  
**STATE HIGHWAY ADMINISTRATION**  
 STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES  
**PRECAST OR CAST IN PLACE**  
**SHALLOW COS INLET**  
**5' OR 10' TROUGH OPENING**  
 STANDARD NO. MD 374.67