NOTES

1. CONCRETE TO BE MIX NO. 6 (4500 PSI).

2. REINFORCING: WALLS - 2 LAYERS OF 4X4 - W8.5 X W8.5 WELDED WIRE FABRIC, BASE - 2 LAYERS OF 4X4 - W11.0 X W11.0 WELDED WIRE FABRIC.

3. THREADED PLASTIC INSERTS TO BE PROVIDED FOR HANDLING.

4. GRADE AND SLOPE ADJUSTMENTS AND SUPPORT BEAM ANCHORAGES SHALL BE COMPLETED IN THE FIELD USING CONCRETE MIX NO. 6. GRADE AND SLOPE ADJUSTMENTS SHALL BE MIN. 2", MAX. 9".

5. PIPE OPENINGS SHALL BE PROVIDED AS REQUIRED. FOR SIZE, LOCATION AND INVERT ELEVATIONS REFER TO THE CONSTRUCTION PLANS.

6. PLACEMENT OF SUBGRADE DRAINAGE WILL BE AS DIRECTED BY THE ENGINEER OR AS NOTED ON THE CONSTRUCTION PLANS.

7. LADDER RUNGS SHALL BE IN ACCORDANCE WITH STD. MD 383.91 OR MD 383.92. RUNGS ARE INCIDENTAL TO THE COST OF THE INLET.

8. MINIMUM DEPTH PAYMENT PER EACH SHALL BE 3'-10" MEASURED FROM THE PIPE INVERT TO THE TOP OF THE GRATE AT ITS HIGHEST POINT. VERTICAL DEPTH PAYMENT PER LINEAR FOOT SHALL INCLUDE ALL DEPTHS IN EXCESS OF 3'-10" INCLUDING ALL APPURTENANCES.

9. BASE UNIT WALLS MAY TAPER PER MANUFACTURER'S DESIGN.

10. FROM CURB LINE/SIDEWALK, INLET HAS BEEN DESIGNED FOR HS-25 LOADING. ACCORDING TO AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

PLAN

FOR SECTION B-B SEE
STD. MD 374.27-01

CURB JOINTS WITH "4" EXPANSION MATERIAL

TOP OF GRATE

5/8" Ø ANCHOR BOLT, 4 PER FRAME SEE FRAME ANCHORAGE DETAIL ON STANDARD MD 374.09

2-W8 X 31 GALVANIZED SUPPORT BEAMS 6'-7" LONG ANCHORED WITH CONCRETE SEE NOTE 4

JOINT SEALER AASHTO M 198 TYPE B (APPLIED TO KEYWAY)

SECTION A-A

BOTTOM OF BASE UNIT

PROVIDE 6" MIN. BEDDING OF NO. 57 AGGREGATE ON FIRM SUBGRADE BY OTHERS)

LAP SPLICE REINFORCEMENT 1'-0" (TYP.) AROUND OUTSIDE CORNERS AS SHOWN (MONOLITHIC BASE ONLY)

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

PRECAST TRIPLE WRM INLET

STANDARD NO. MD 374.27

SPECIFICATION
305

CATEGORY CODE ITEMS

APPROVED
DORNEW - OFFICE OF HIGHWAY DEVELOPMENT
APPROVAL + SHA
REVISIONS
APPROVAL + FEDERAL
HIGHWAY ADMINISTRATION

APPROVAL 2-22-91 APPROVAL 1-2-91
REVIEWED 10-7-14 REVISED 9-29-14
REVIEWED REVISED
REVISED REVISED

SHA State Highway Administration

PRECAST TRIPLE WRM INLET