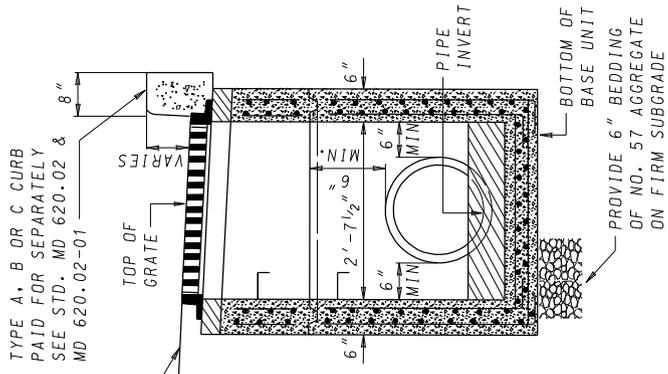


PLAN



SECTION A-A

SECTION B-B

NOTES

1. CONCRETE TO BE MIX NO. 6 (4500 PSI).
2. REINFORCEMENT 2 LAYERS OF 4x4-W4.0xM4.0 WELDED WIRE FABRIC.
3. THREADED PLASTIC INSERTS TO BE PROVIDED FOR HANDLING.
4. GRADE AND SLOPE ADJUSTMENTS MIN. 2", MAX. 9" SHALL BE COMPLETED IN THE FIELD USING CONCRETE MIX NO. 6.
5. PIPE OPENINGS TO 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 STANDARD MD 383.91 OR 383.92. RUNGS ARE INCIDENTAL TO THE COST OF THE INLET.
8. MINIMUM DEPTH PAYMENT PER EACH SHALL BE 3'-6" 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'-6" INCLUDING ALL APPURTENANCES.
9. CONCRETE OR BRICK INVERT TO BE PROVIDED IN THE FIELD AND SHALL SLOPE 2 IN./FT TOWARD OUTLET OR AS DIRECTED.
10. BASE WALLS UNIT MAY TAPER PER MANUFACTURER'S DESIGN.

5/8" ϕ ANCHOR BOLT 4 PER FRAME. SEE FRAME ANCHORAGE DETAIL ON STD. MD 374.73

LADDER RUNGS SEE NOTE 7

10'-0" MAX. ADJUSTABLE IN 6" INCREMENTS
 3'-6" MIN. TO TOP OF 5'-0" GRATE WHEN RISER IS NOT USED

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

BASE-THE BASE MAY BE CAST MONOLITHIC WITH THE BASE UNIT OR JOINTED PER MANUFACTURER'S DESIGN

TYPE A, B OR C CURB PAID FOR SEPARATELY SEE STD. MD 620.02 & MD 620.02-01

GRATE SLOPE SAME AS GUTTER PAN

SEE NOTE 4

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

SEE NOTE 2

SEE NOTE 9

1 1/2" CL. (TYP.)

PROVIDE 6" BEDDING OF NO. 57 AGGREGATE ON FIRM SUBGRADE

SPECIFICATION	CATEGORY CODE ITEMS
305	

APPROVED *Kat G. McCall*
 DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT

SHA State Highway Administration	APPROVAL • SHA	APPROVAL • FEDERAL
	REVISIONS	HIGHWAY ADMINISTRATION
	APPROVAL 2-22-91	APPROVAL 1-2-91
	REVISION 3-20-07	REVISION 7-27-09
	REVISION 7-1-09	REVISION 7-27-09
		REVISION

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
 STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
PRECAST STANDARD TYPE S INLET
DOUBLE GRATE TANDEM

STANDARD NO. MD 374.70