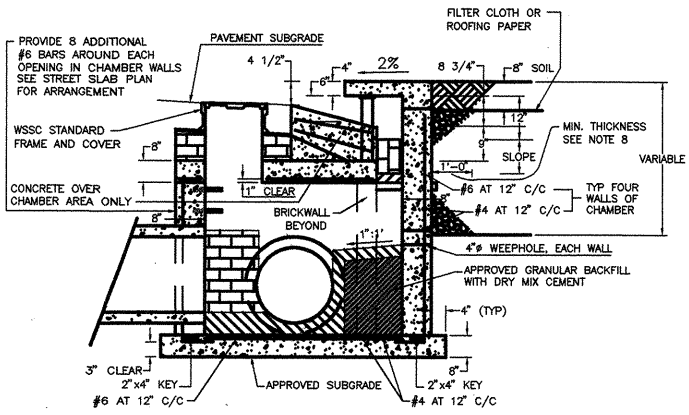
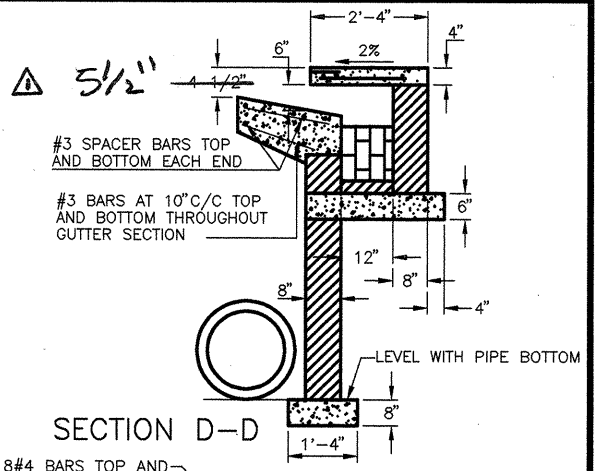
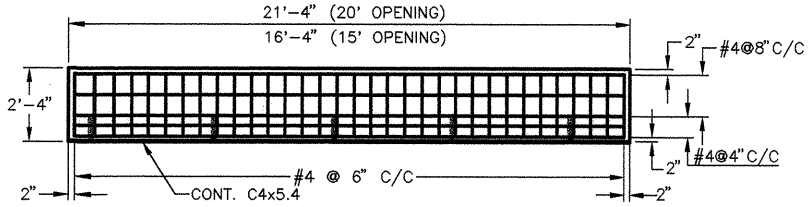


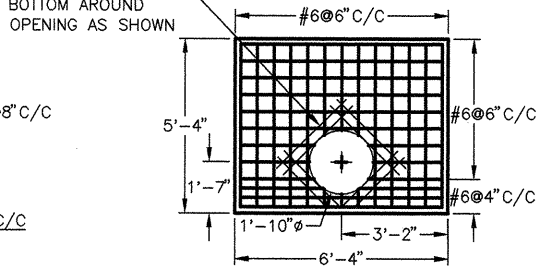
SECTION A–A



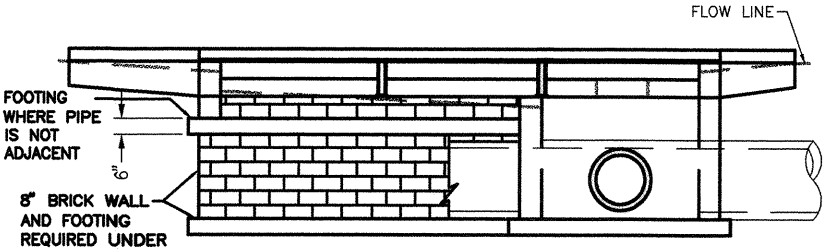
SECTION D–D



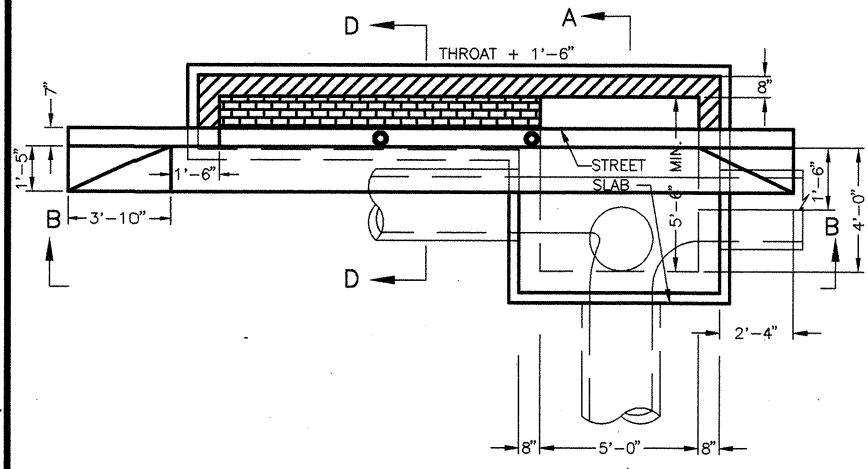
TOP SLAB



STREET SLAB



SECTION B–B



PLAN — TOP SLAB REMOVED

GENERAL NOTES

1. LOADING AASHTO HS 20–44
2. MOTAR SHALL CONFORM TO ASTM SPECIFICATION C 270 TYPE M .
3. REINFORCING STEEL REINFORCING STEEL FOR CONCRETE SHALL CONFORM TO AASHTO DESIGNATION: M31(ASTM A615) GRADE 60. ALL SPLICES SHALL BE LAPPED A MINIMUM OF 24 BAR DIAMETERS UNLESS OTHERWISE NOTED. MINIMUM COVER FOR REINFORCING BARS SHALL BE 2" UNLESS OTHERWISE NOTED.
4. FOR PIPES LARGER THAN 30" PROVIDE STEPS IN CHANNEL OF STRUCTURE.
5. FOR TYPE "A" INLET USE SECTION A–A WITH A THROAT OPENING OF 5'–0". LONGER OPENINGS REQUIRE SPECIAL DESIGN.
6. FOR TREATMENT OF THE CHANNEL, STEPS AND OTHER ASSOCIATED DETAILS, REFER TO THE STANDARD STORM DRAINAGE DETAILS OF THE W.S.S.C. OR MONTGOMERY COUNTY.
7. CONTRACTOR'S OPTION SPECIAL INLET WALL, MAY BE CONSTRUCTED OF BRICK SUBJECT TO THE FOLLOWING:
   A. 8" THICK WALLS FOR THE FIRST 5'–0" OF DEPTH.
   B. 12" THICK WALLS BETWEEN 5'–0" AND 8'–0" OF DEPTH.
   C. 16" THICK WALLS FOR DEPTHS GREATER THAN 8'–0"
   D. DEPTH WILL BE MEASURED FROM TOP OF CURB TO INVERT OF OUTGOING PIPE.
8. INSTALL FOUNDATION DRAINAGE MATERIAL AROUND STRUCTURE FROM BOTTOM OF WEEP HOLES TO WITHIN 8" OF SURFACE.

DESIGNATION	T THROAT OPENING	NUMBER OF PIPE SUPPORTS
B–10	10'–0"	1
B–15	15'–0"	2
B–20	20'–0"	3

APPROVED JAN 5/96
DATE

DIRECTOR, DEPT. OF TRANS.

CHIEF, DIV. OF ENG. SERVICES

REVISED
⚠ RESTORED 1" DEPRESSION AT GUTTER EDGE 6/25/12

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION

REVERSE "B" INLET

STANDARD NO. MC–502.02

P:\DOTSTD\MC50202 10-24-95 12:40:57 pm EST