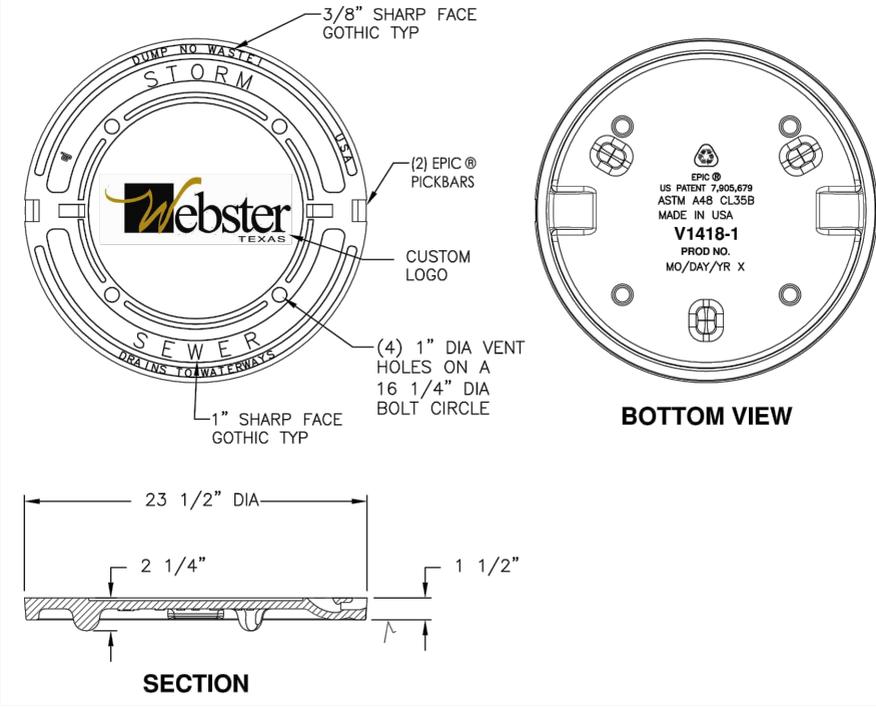


**Design Features**

- Material: Gray Iron (CL35B)
- Design Load: Heavy Duty
- Coating: Undipped
- Certification: ASTM A48
- Country of Origin: USA

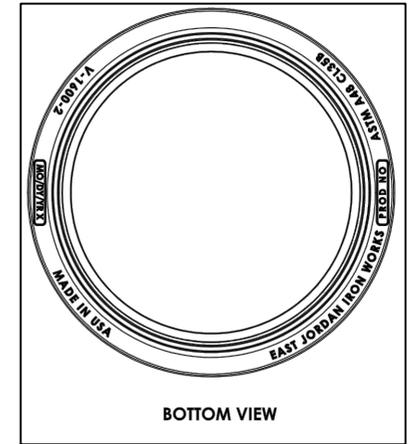
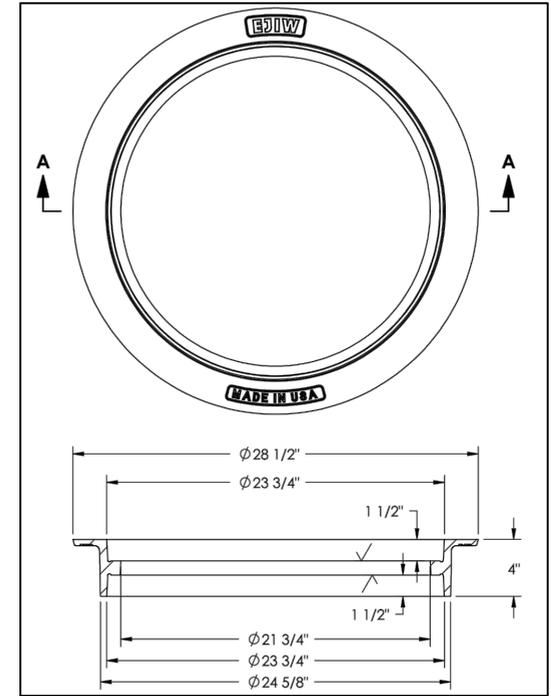
**V1418-1 Cover**



**Design Features**

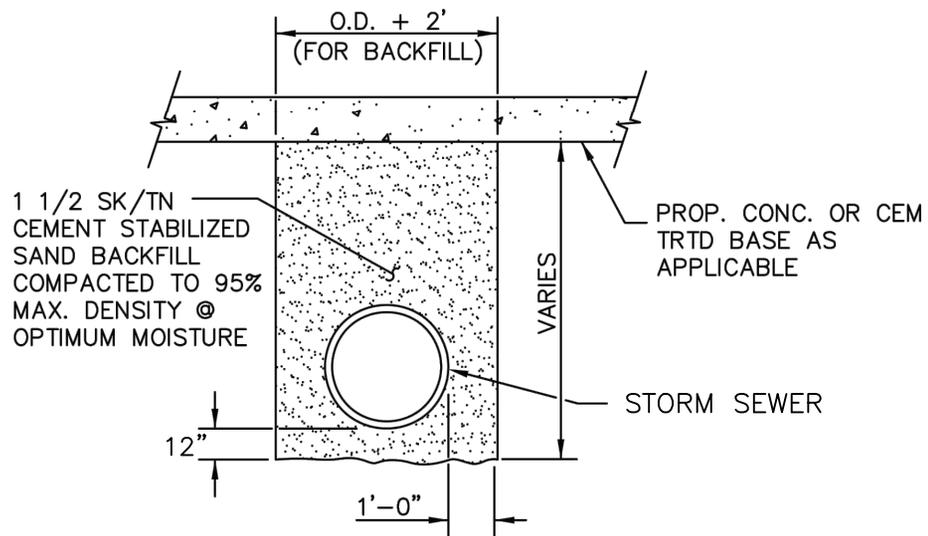
- Materials: Gray Iron (CL35B)
- Design Load: Heavy Duty
- Coating: Undipped
- √ Designates Machined Surface
- Estimated weight: 125 lbs.

**V1600-2 Frame**

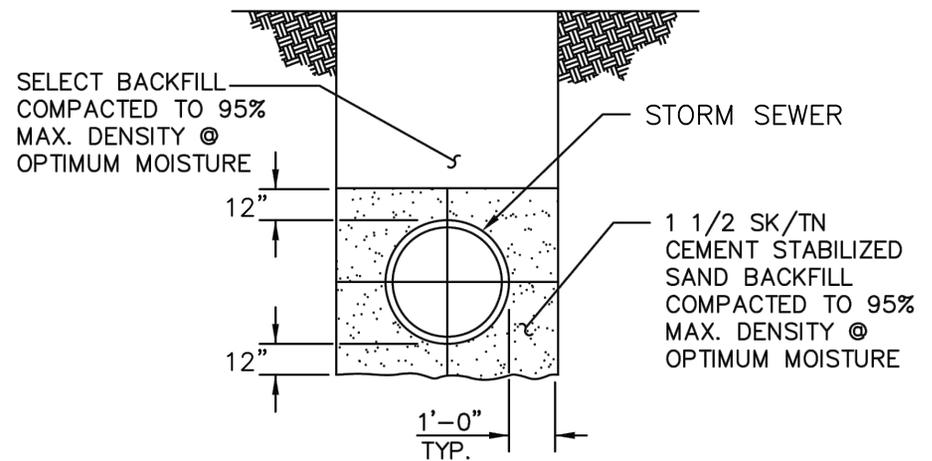


STANDARD MANHOLE 23" FRAME AND COVER DETAIL  
OR APPROVED EQUIVALENT  
City of Webster, Texas

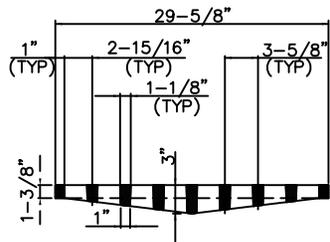
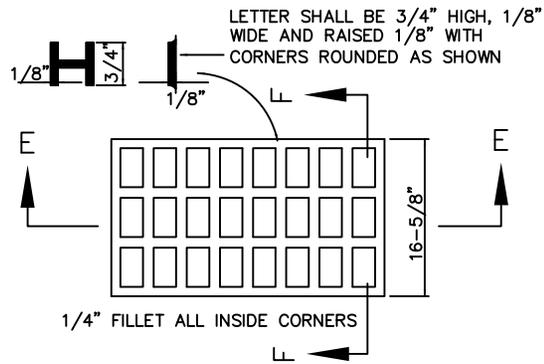
N.T.S.	STORM APPENDIX 2
	Prepared by: GIS Sect.
	Checked by: S. Hicks, P.E.
	Date: 07/07/2014



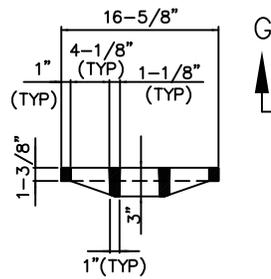
PAVED AREA



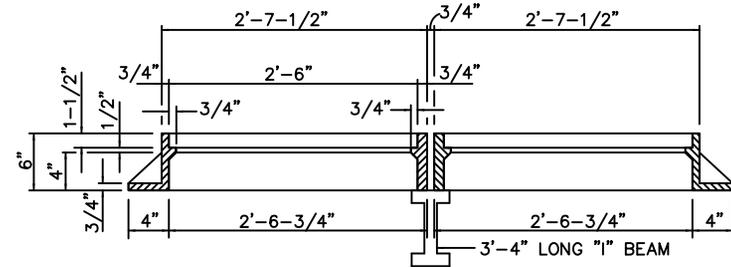
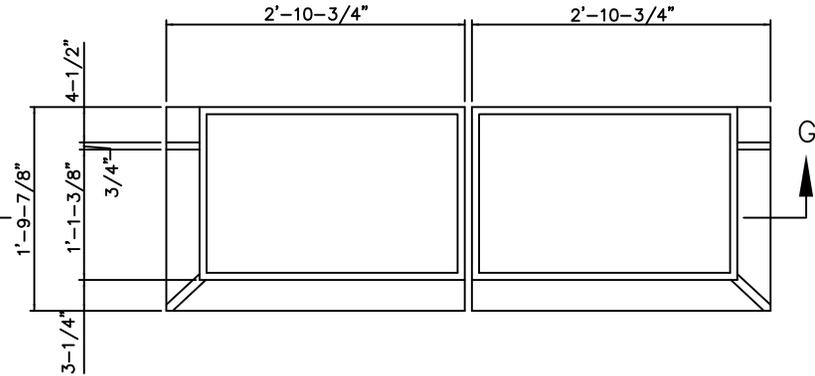
GRADED AREA



SECTION E-E

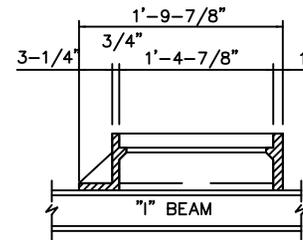


SECTION F-F

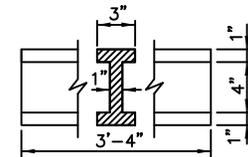


SECTION G-G

TYPE "B" AND "BB" GRATE



HALF SECTION

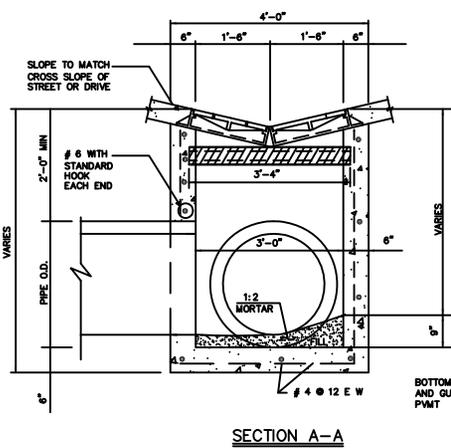
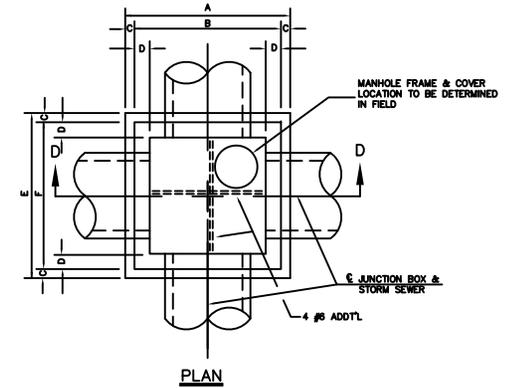
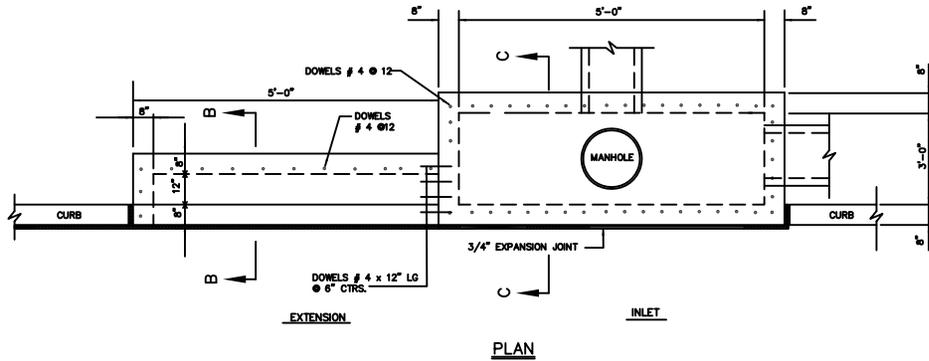
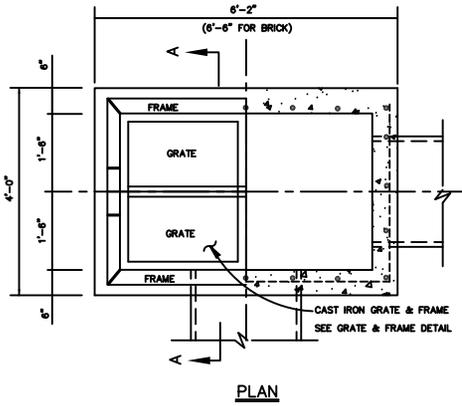


"1" BEAM  
(CAST IRON)

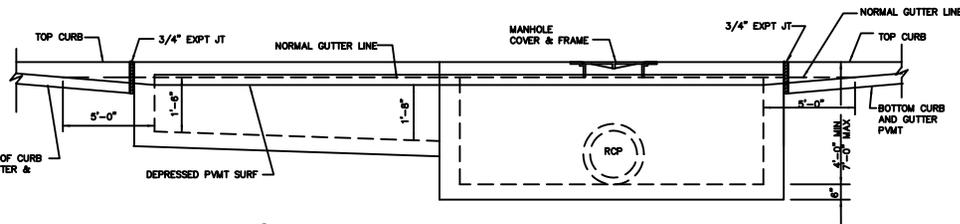
TYPE "BB" FRAME & "1" BEAM

STANDARD TYPE "B" & "BB" GRATE AND  
TYPE "BB" FRAME & "1" BEAM DETAILS  
City of Webster, Texas

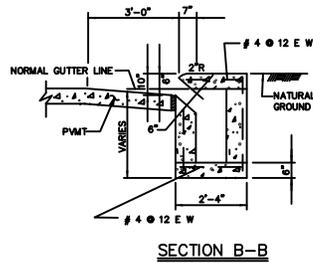
	N.T.S.	STORM APPENDIX 5
		Prepared by: GIS Div.
		Checked by: S. Hicks, P.E.
		Date: 04/04/2011



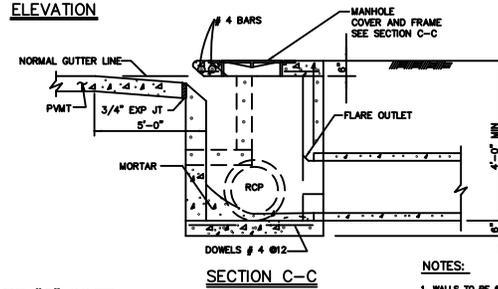
TYPE "BB" INLET



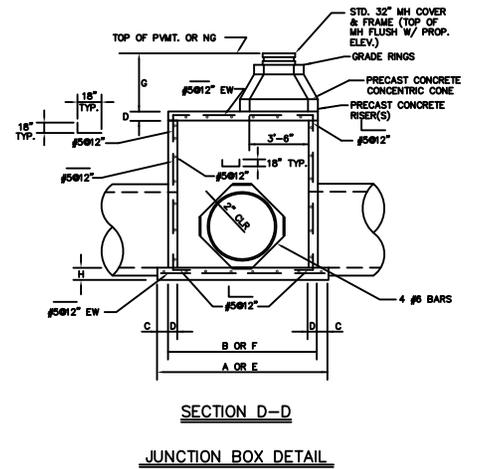
ELEVATION



SECTION B-B



SECTION C-C



SECTION D-D  
JUNCTION BOX DETAIL

NOTES:

1. WALLS TO BE 6" IF BUILT WITH REINFORCED CONCRETE. WHEN BUILT WITH BRICK WALL, USE STRAIGHT WALL IN BACK WITH 6" REINFORCED CONCRETE TOP SLABS DOWELLED INTO BRICK WALLS WITH # 4 X 8" @ 12.