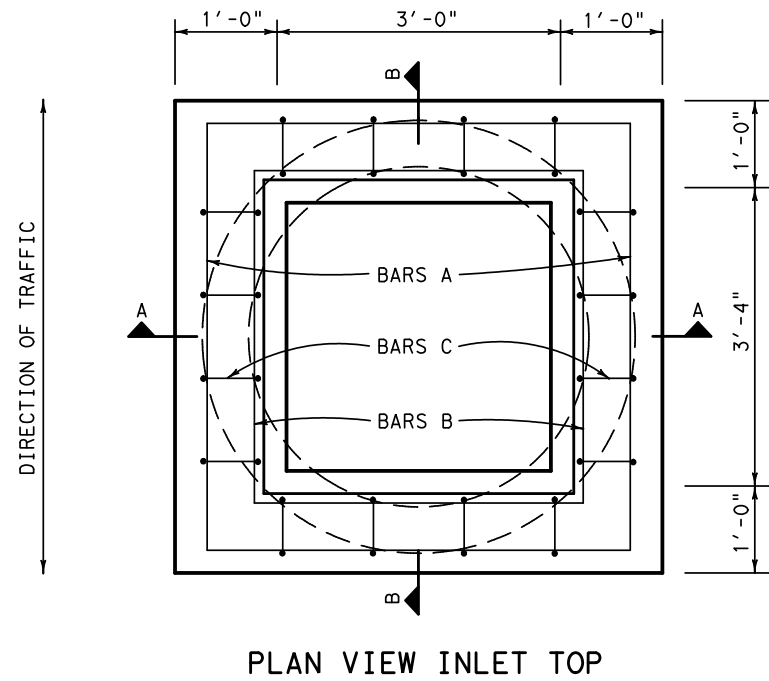


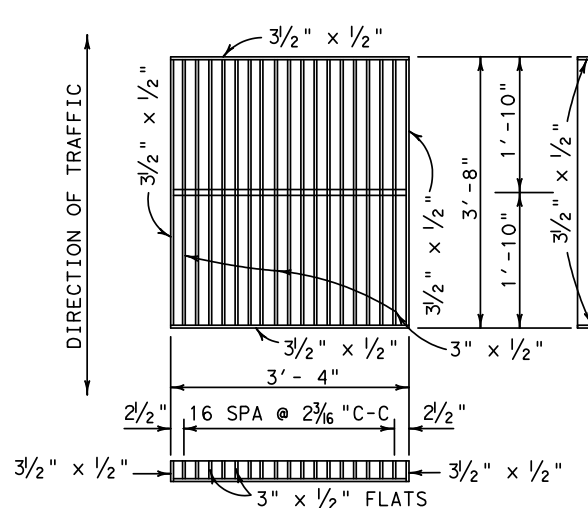
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http://www.dot.state.tx.us/ftw/specinfo/standard.htm gi402fw.dgn

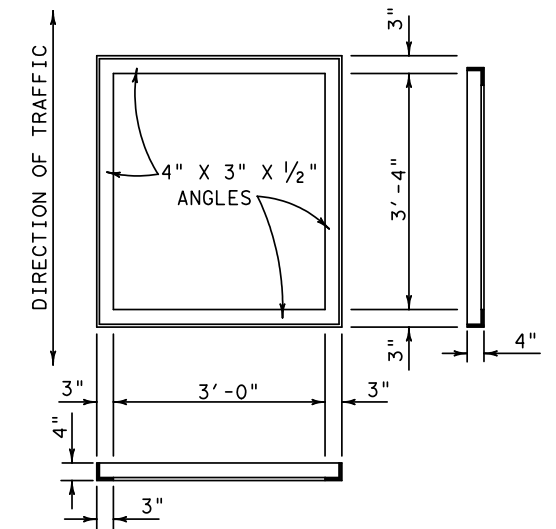
LEVELS DISPLAYED										
1	2	3	4	5	6	7	8	9	10	11



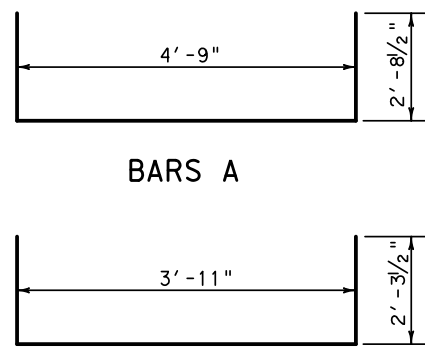
PLAN VIEW INLET TOP



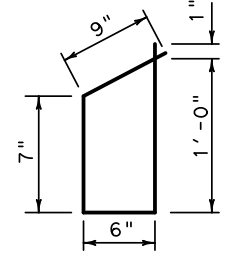
GRATE DETAIL



FRAME DETAIL

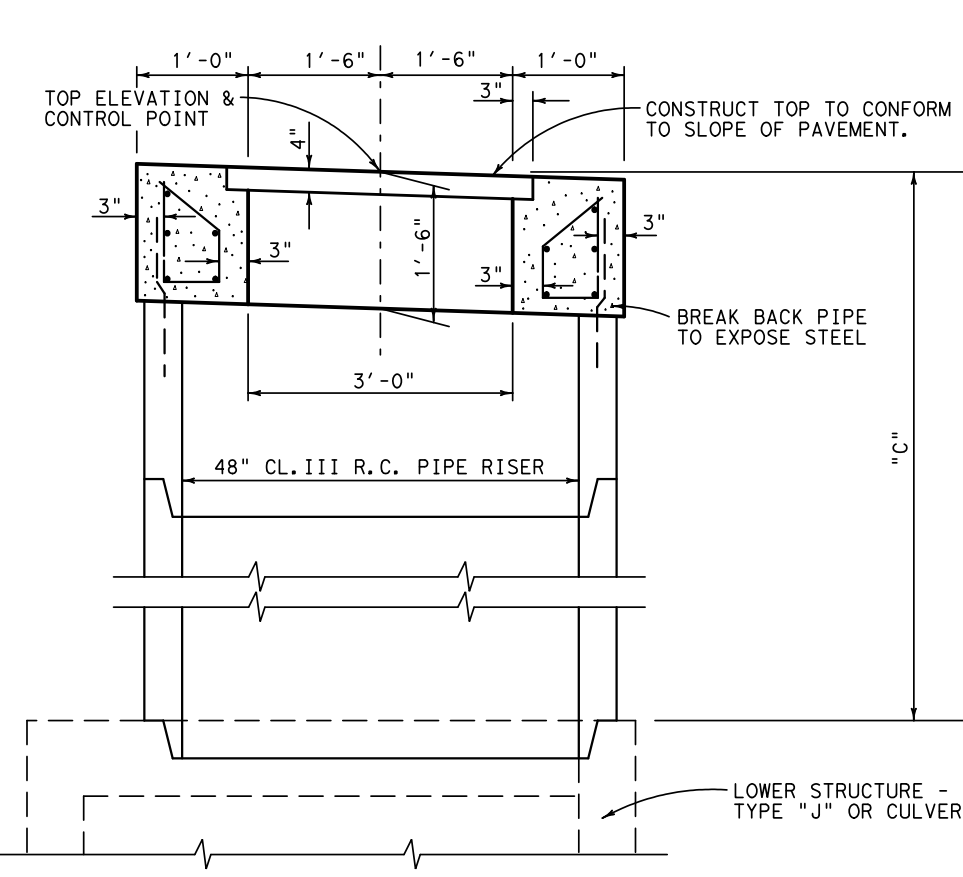


BARS A

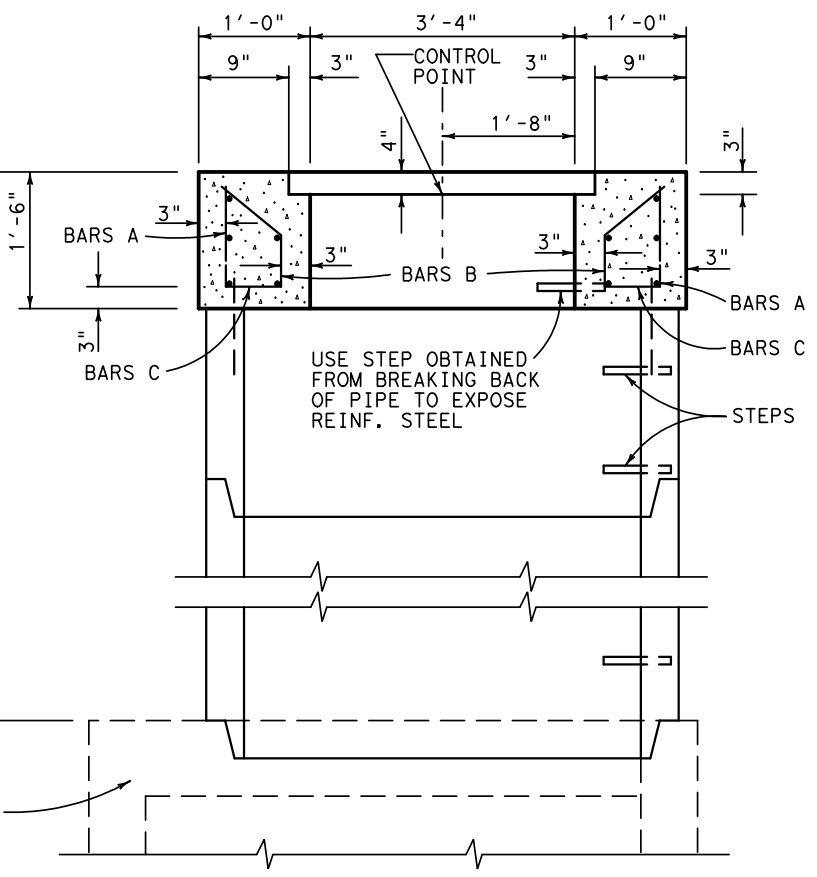


BARS C

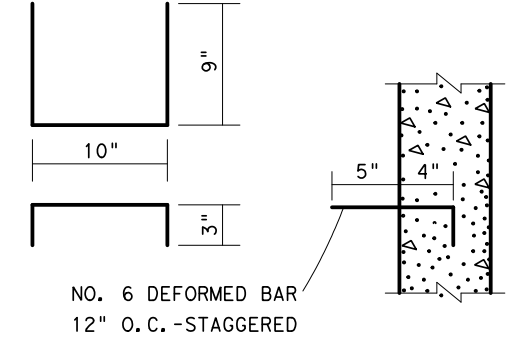
BARS B



SECTION A-A



SECTION B-B



STEPS

GENERAL NOTES:

1. LOCATION OF INLET AS SHOWN IN THE PLANS REFERS TO CONTROL POINT SHOWN ON THIS SHEET. INLET SHALL BE ALIGNED SO THAT GRATE VANES ARE PARALLEL TO DIRECTION OF TRAFFIC. FOR TYPE 4 STRUCTURES NOT ON CULVERTS, LOWER STRUCTURE MAY BE POSITIONED AS REQUIRED TO ALIGN WITH TOP STRUCTURE, STORM DRAIN PIPES OR OTHER ADJACENT STRUCTURE.
2. ALL CONCRETE SHALL BE CLASS "A".
3. ALL REINFORCING STEEL SHALL BE NO. 4 BARS. DIMENSIONS RELATING TO STEEL ARE TO CENTERS OF BARS.
4. PIPE RISER TO CONFORM TO AND BE PAID FOR IN ACCORDANCE WITH ITEM 464. STEPS ARE TO BE INSTALLED IN THE PIPE RISER AT THE PLANT. THE FURNISHING AND INSTALLATION OF THE STEPS WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED SUBSIDIARY TO ITEM 464.
5. WHEN USED WITH JUNCTION BOX, MEASURE AND PAY FOR DROP INLET, PIPE RISER AND JUNCTION BOX SEPARATELY.
6. GRATE AND FRAME SHALL CONFORM TO ITEM 471.
7. INLET TOP MAY BE CAST MONOLITHICALLY WITH CONCRETE PAVEMENT. IF NOT PLACED MONOLITHICALLY, A SEALED 1/2" EXPANSION JOINT SHALL BE PLACED AROUND THE TOP OF THE INLET STRUCTURE, TO THE DEPTH OF CONCRETE PAVEMENT. CLASS 3, 4, 5, OR 7 JOINT SEALANT SHALL BE USED TO SEAL JOINT.

TABLE OF QUANTITIES TYPE 4 INLET					
BARS A @ 12"±		BARS B @ 12"±		BARS C @ 12"±	
NO.	LGTH.	NO.	LGTH.	NO.	LGTH.
4	10'-2"	4	8'-6"	16	2'-11"
TOTAL STEEL				81 LBS.	
TOTAL CONC.				0.88 C.Y.	

REVISIONS: 10/09-Added note to pay for junction box separately		Texas Department of Transportation FORT WORTH DISTRICT © 2002 by Texas Department of Transportation, All Rights Reserved			
GRATED INLET DETAILS TYPE 4 GI-4-02 (FW)					
ORIG DRAW DATE: 8/02	DESIGN: CHECKED:	FED. REG. 6	STATE TEXAS	PROJ. NO.	HIGHWAY
DRAWN: CHECKED:	DISTRICT FTW	COUNTY	CONTROL SECTION	JOB	SHEET