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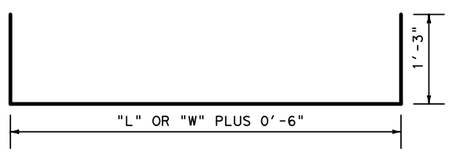
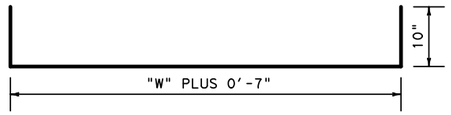
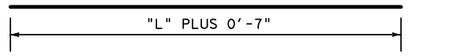
http://www.dot.state.tx.us/ftw/specinfo/standard.htm jbspl02fw.dgn



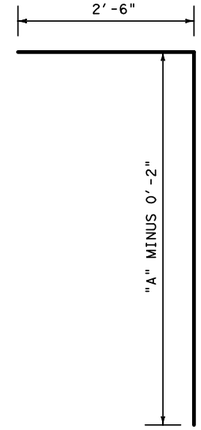
BARS A & BARS A2



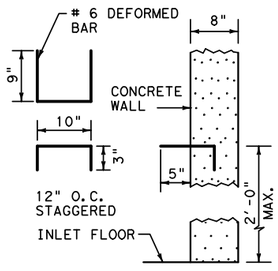
BARS D2



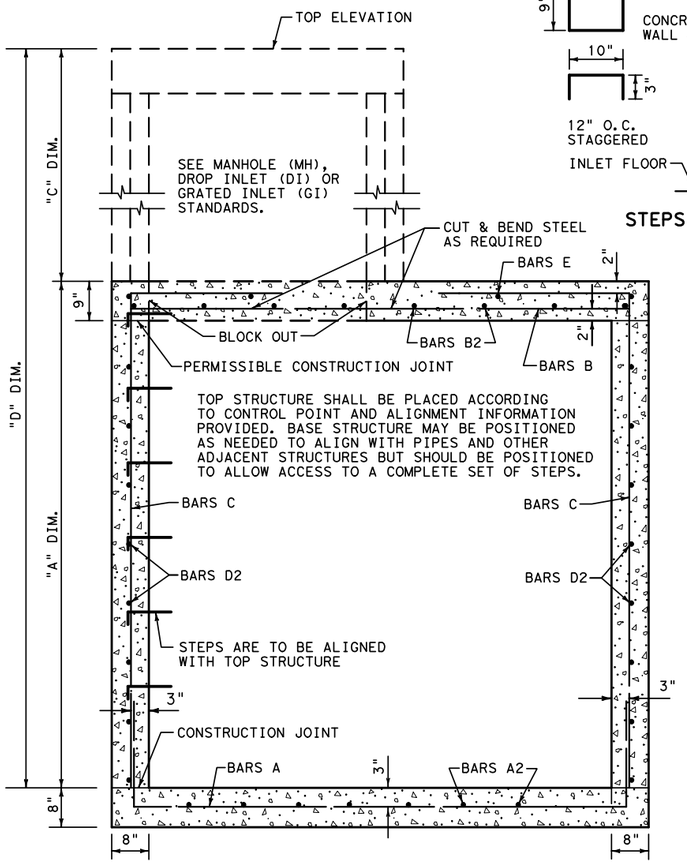
BARS D



BARS C



STEPS



TYPICAL SECTION - LENGTH VIEW
WIDTH VIEW SIMILAR

TABLE OF QUANTITIES WITH NO DEDUCTIONS FOR PIPES OR INLET OPENINGS

STRUCTURE NUMBER	HEIGHT OF STR. "A"	LENGTH OF STR. "L"	WIDTH OF STR. "W"	STEPS # 6 12"±		BILL OF REINFORCING STEEL																REINF. STEEL LB.	CLASS A CONC. C.Y.
						BARS A NO. 4 @ 12"±		BARS A2 NO. 4 @ 12"±		BARS B NO. 4 @ 12"±		BARS B2 NO. 4 @ 12"±		BARS C NO. 4 @ 6" ±		BARS D NO. 4 @ 12"±		BARS D2 NO. 4 @ 12"±		BARS E NO. 4		BARS E2 NO. 4			
				No.	LENGTH	No.	LENGTH	No.	LENGTH	No.	LENGTH	No.	LENGTH	No.	LENGTH	No.	LENGTH	No.	LENGTH	No.	LENGTH	No.	LENGTH		

BARS B - "L" DIM. PLUS 6"
BARS B2 - "W" DIM. PLUS 6"

BARS B & B2

** BARS E - "L" DIM. MINUS 2'
** BARS E2 - "W" DIM. MINUS 2'

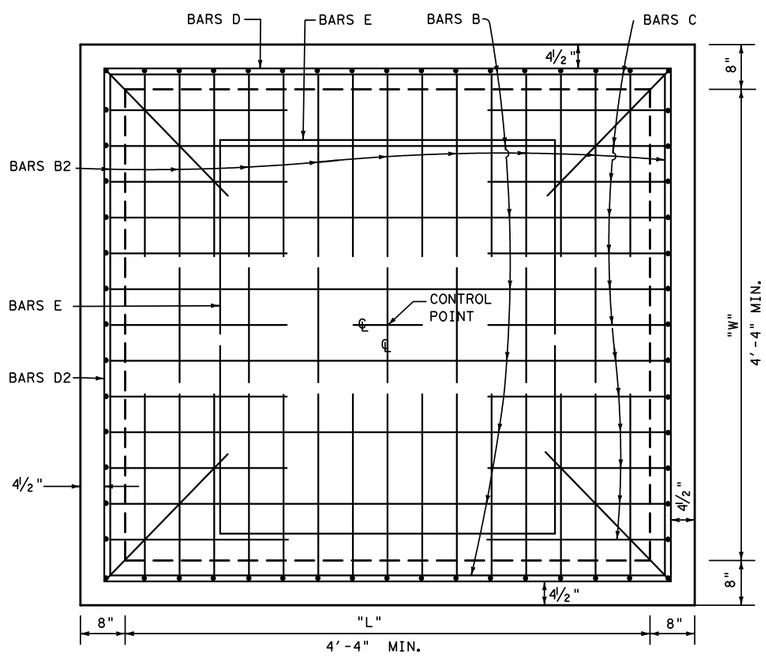
BARS E & E2
** 4'-10" MIN.

PIPE DIA.	CONC. REDUCTION ONE PIPE C.Y.
15	0.05
18	0.07
21	0.10
24	0.12
27	0.15
30	0.18
33	0.22
36	0.26
39	0.30
42	0.35
45	0.40
48	0.45
54	0.57
60	0.70
66	0.84
72	1.00
78	1.16

NOTE:
FOR 36" DIAMETER INLET OPENING DEDUCT 0.20 C.Y. CONCRETE.
FOR 48" DIAMETER INLET OPENING DEDUCT 0.35 C.Y. CONCRETE.
FOR 3' X 2' INLET OPENING DEDUCT 0.17 C.Y. CONCRETE.
FOR 3' X 3' INLET OPENING DEDUCT 0.25 C.Y. CONCRETE.
FOR 3'- 4"X 3' INLET OPENING DEDUCT 0.28 C.Y. CONCRETE.

GENERAL NOTES:

1. ALL CONCRETE SHALL BE CLASS "A".
2. DIMENSIONS RELATING TO REINFORCING STEEL ARE TO CENTER OF BARS.
3. FIELD CUT AND BEND BARS AS REQUIRED TO ACCOMMODATE PIPES AND INLET EXTENSIONS.
4. CONSTRUCTION JOINT AT FLOWLINE MAY BE RAISED A MAXIMUM OF 6" AT OPTION OF THE CONTRACTOR. ADJUST LENGTH OF VERTICAL STEEL AS REQUIRED WITH A 20 DIAMETER LAP.
5. WHERE IT IS CONSIDERED NECESSARY, BARS CUT OUT TO PROVIDE OPENINGS FOR PIPE MAY BE BENT AND USED TO PROVIDE A BETTER TIE FOR EXTENSIONS AND PIPE AS DIRECTED BY THE ENGINEER.
6. WHEN STRUCTURE IS COMBINED WITH UPPER STRUCTURE, THE STRUCTURE LOCATION SHOWN IN THE PLANS REFERS TO THE CONTROL POINT OF THE UPPER STRUCTURE. WHEN STRUCTURE IS NOT COMBINED WITH UPPER STUCTURE, THE LOCATION SHOWN IN THE PLANS REFERS TO THE CONTROL POINT SHOWN ON THIS SHEET.
7. WHEN USED WITH INLET OR MANHOLE, MEASURE AND PAY FOR JUNCTION BOX AND INLET OR MANHOLE SEPARATELY.



PLAN - TOP SLAB
(BLOCK OUT NOT SHOWN)

P.E. _____ DATE

REVISIONS:	Texas Department of Transportation FORT WORTH DISTRICT
10/09-Added note to pay for inlet or manhole separately	© 2002 by Texas Department of Transportation; All Rights Reserved
	SPECIAL JUNCTION BOX STRUCTURE JB-SPL (FW)

ORIG DRAW DATE: 8/02	DESIGN:	FED.REG.	STATE	PROJ NO.			HIGHWAY
	CHECKED:	6	TEXAS				
	DRAWN:	DISTRICT	COUNTY	CONTROL	SECTION	JOB	SHEET
	CHECKED:	FTW					

LEVELS DISPLAYED
1 2 3 5 7