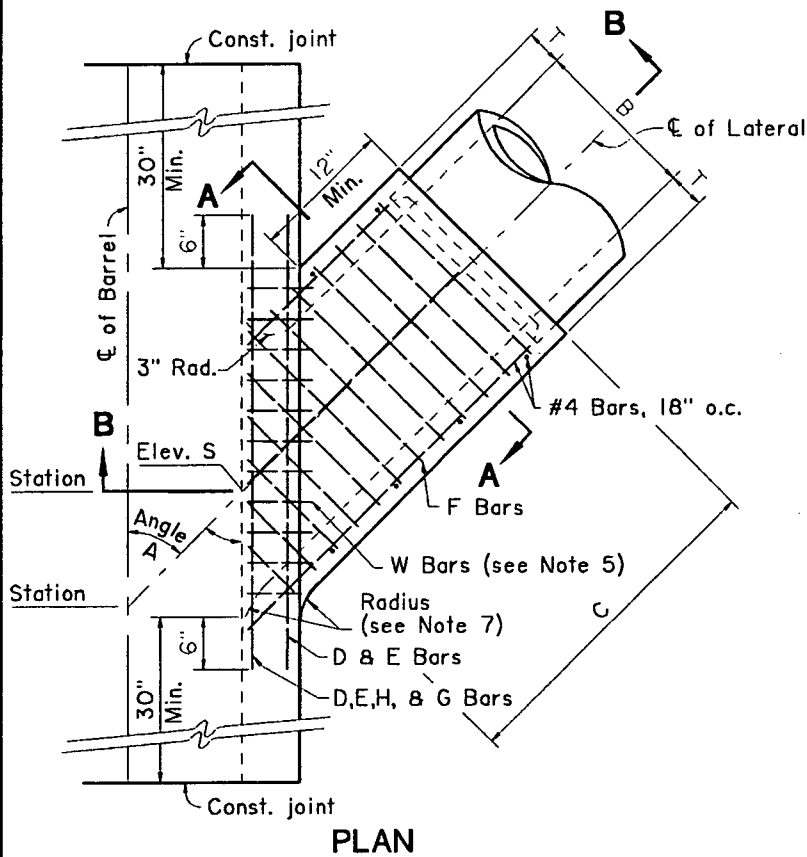


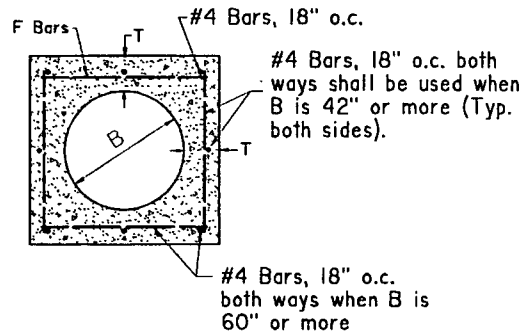


PLAN

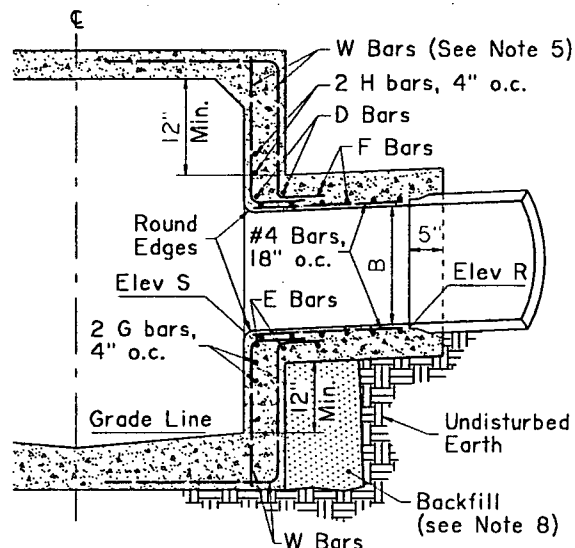
TABLE

for dimensions and bar sizes

B (inches)	T (inches)	D,E,H & G Bars	F Bars
12	4	#5	#4, 6" o.c.
15	6		
18	6		
21	6		
24	6		
27	6		
30	6		
33	8		
36	8		
39	8		
42	8	#6	#5, 6" o.c.
45	8		
48	8		
51	10		
54	10		
57	10		
60	10		
63	10		
66	12		
69	12		
72	12	#7	#6, 6" o.c.
78	12		
84	14		
90	14		
96	14		



SECTION A-A



SECTION B-B

NOTES

1. Junction Structure Type V may be used when B=96" or less, angle A=30° or more, barrel width of the R.C.B. is 20 ft. or less, and cover over R.C.B. is 10 ft. or less.
2. Values of B, C, Angle A, elevations R and S, and Station points are as shown on the plans.
3. All steel reinforcement shall be 1 1/2" clear unless otherwise noted.
4. For pipe sized not shown, use tabled values for next larger pipe.
5. W bars are of size and spacing specified for wall steel on plan, and shall be cut in center of opening and bent into top and bottom of junction structure.
6. Floor of junction structure shall be steel troweled to springline.
7. Radius varies from 3" at angle A=90° to radius = B (36" max.) when angle A=45° or less.
8. Backfill under structure with slurry containing 1 1/2 sacks P.C.C./C.Y. Backfill may be omitted if structure is laid on undisturbed earth to storm drain wall.
9. Storm drain connector pipes shall be 18" minimum diameter.

REVISED

DATE

**CITY OF FULLERTON
ENGINEERING DEPARTMENT**

DRAWN P.L.S.

DATE 8/1/95

JUNCTION STRUCTURE TYPE V

APPROVED

DIRECTOR OF ENGINEERING

DATE

8/16/95

STD. NO.

325