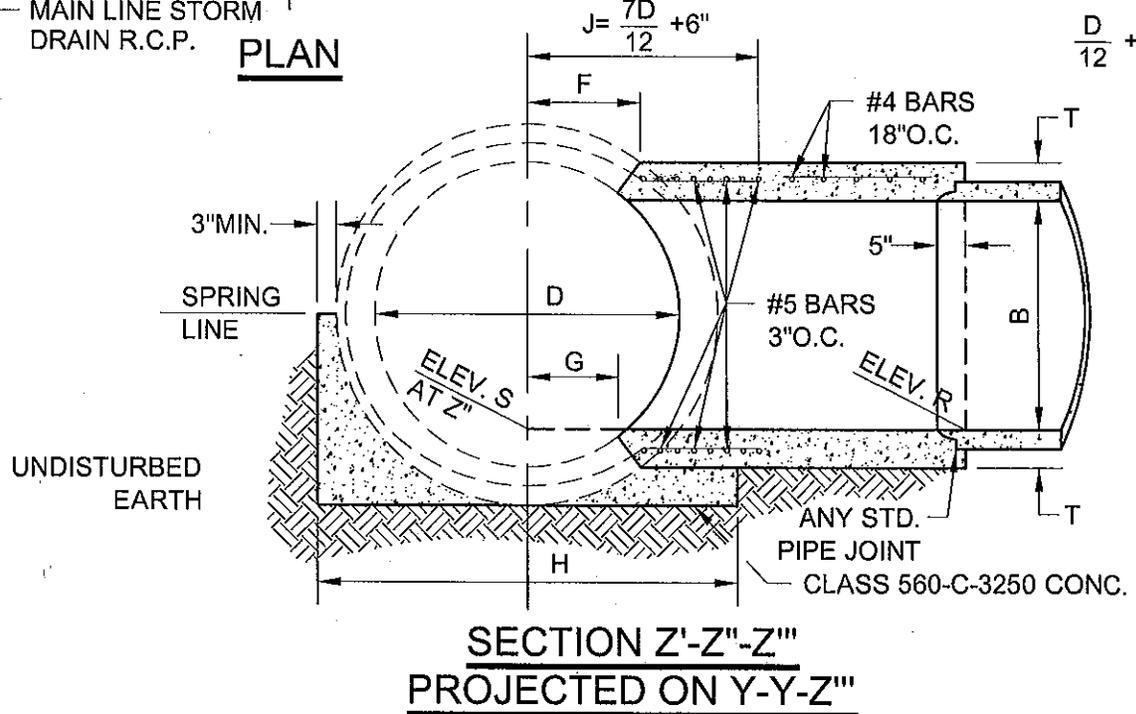


TABLE OF VALUES FOR T	
B	T
18"	4-1/2"
21"	5"
24"	5-1/4"
27"	5-1/2"
30"	6"
33"	6-1/4"
36"	6-1/2"
39"	7"

MIN. DEPTH OF TOP AND BOTTOM SLAB SHALL BE  $\frac{D}{12} + 2"$



CITY OF SAN BUENAVENTURA

PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

JUNCTION STRUCTURE A

STD. DET. NO.  
**305**

APPROVED BY: *J. McDermott*  
PRINCIPAL CIVIL ENGINEER

APPROVED BY: *R. R. ...*  
CITY ENGINEER R.C.E. 37064

DATE **4-8-14**

SHEET  
1 of 2

## JUNCTION STRUCTURE A NOTES

1. VALUES FOR A, B, C, D, E, F, G, L, ELEVATION R AND ELEVATION S ARE AS SHOWN ON THE IMPROVEMENT PLAN.
2. H SHALL EQUAL OUTSIDE DIAMETER OF PIPE PLUS 6" AS A MINIMUM. CRADLE MAY BE OMITTED ON SIDE OPPOSITE LATERAL INLET WHEN CONSTRUCTED IN CONNECTION WITH EXISTING PIPE STORM DRAIN.
3. RECTANGULAR OPENING SHALL BE CUT WITHIN LIMITS NORMAL TO PIPE SURFACE WITHOUT DAMAGING STEEL. THERE SHALL BE AT LEAST 12" CLEARANCE FROM EDGE OF OPENING TO PIPE JOINT. NO MORE THAN ONE OPENING SHALL BE MADE IN ONE SECTION OF PIPE.
4. TRANVERSE REINFORCMENT IN PIPE SHALL BE CUT IN CENTER OF OPENING AND BENT TO UNIFORM DISTANCE FROM TOP AND BOTTOM OF JUNCTION STRUCTURE.
5. DIAMETER OF INLET B SHALL NOT EXCEED  $3/4$  D OR 39" WHICHEVER IS LESS.
6. REINFORCING STEEL SHALL BE ROUND, DEFORMED, STRAIGHT BARS, 1-1/2" CLEAR FROM FACE OF CONCRETE UNLESS OTHERWISE SHOWN.
7. CONCRETE SHALL BE CLASS 560-C-3250.
8. FLOOR OF STRUCTURE SHALL BE STEEL-TROWELLED TO SPRING LINE.
9. ELEVATION S APPLIES AT CENTER OF MAIN LINE ON PROLONGATION OF INVERT OF SPUR.

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### NOTES FOR JUNCTION STRUCTURE A

STD. DET. NO.

305

APPROVED BY: J. McDermott  
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DATE 4-8-14

SHEET  
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