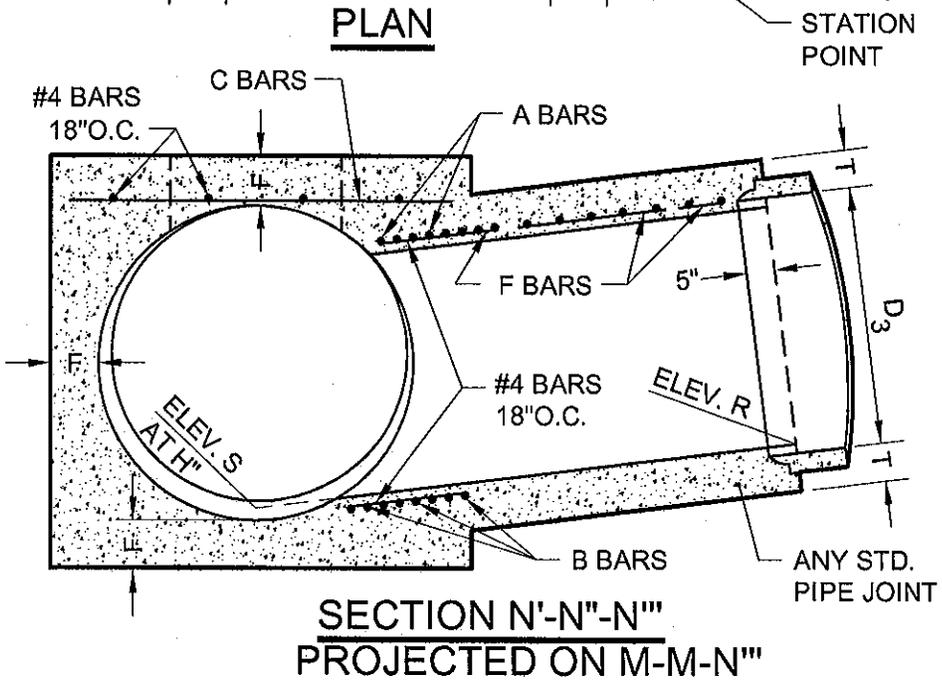


TABLE FOR DIMENSIONS  
AND BAR SIZES

D <sub>2</sub> OR D <sub>3</sub>	F OR T	A OR B BARS	C OR F BARS
18"	4-1/2"	#5 BARS AT 3" O.C.	#4 BARS AT 6" O.C.
21"	5"		
24"	5-1/4"		
27"	5-1/2"		
30"	6"		
33"	6-1/4"		
36"	6-1/2"	#6 BARS AT 3" O.C.	#5 BARS AT 6" O.C.
42"	7-1/2"		
46"	8"		
54"	9"		
60"	9-1/2"		
66"	10-1/4"		
72"	11"		
78"	11-3/4"		
84"	12-1/2"		



CITY OF SAN BUENAVENTURA

PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

JUNCTION STRUCTURE B

STD. DET. NO.  
**306**

APPROVED BY: J. M. DeLoe  
PRINCIPAL CIVIL ENGINEER

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

DATE 4-8-14

SHEET  
1 of 2

## JUNCTION STRUCTURE B NOTES

1. THE HORIZONTAL ANGLE OF CONVERGENCE, (B), SHALL NOT EXCEED 5° 45'.
2. VALUES FOR  $\angle A$ ,  $\angle B$ , C, D1, D2, D3, E, L, ELEVATION R AND ELEVATION S ARE AS SHOWN ON THE IMPROVEMENT PLANS.
3. CONCRETE SHALL BE CLASS 560-C-3250.
4. FLOOR OF STRUCTURE SHALL BE STEEL-TROWLLED TO SPRING LINE.
5. REINFORCING STEEL SHALL BE ROUND, DEFORMED, STRAIGHT, GRADE 40 BARS, 1-1/2" CLEAR FROM FACE OF CONCRETE UNLESS OTHERWISE SHOWN.
6. ELEVATION S APPLIES AT CENTER OF MAIN LINE ON PROLONGATION OF INVERT OF SPUR.
7. JUNCTION STRUCTURE SHALL BE POURED IN ONE CONTINUOUS OPERATION.
8. LENGTH L (SHOWN ON THE IMPROVEMENT PLAN) MAY BE INCREASED AT OPTION OF CONTRACTOR TO MEET PIPE ENDS, USING C BARS IN EXTENDED PORTION OF SAME DIAMETER AND SPACING AS SPECIFIED IN THE TABLE, BUT ANY CHANGE IN THE LOCATION OF THE SPUR MUST BE APPROVED BY THE CITY ENGINEER.
9. WHEN DIMENSION C IS NOT SPECIFIED, THE SPUR SHALL NOT BE CONSTRUCTED AND A, B, AND F BARS SHALL BE OMITTED.
10. OPTIONAL MANHOLE SHALL BE CONSTRUCTED IN CONFORMANCE TO STANDARD DETAIL No.'s 307 AND 308. PLACE 2 ROWS OF #5 REBARS AT 4" SPACING O.C. AROUND OPENING (4 SIDES).

CITY OF SAN BUENAVENTURA

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NOTES FOR JUNCTION STRUCTURE B

STD. DET. NO.

306

APPROVED BY: J. M. DERRHOTT  
PRINCIPAL CIVIL ENGINEER

APPROVED BY: [Signature]  
CITY ENGINEER R.C.E. 37064

DATE 4-8-14

SHEET  
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