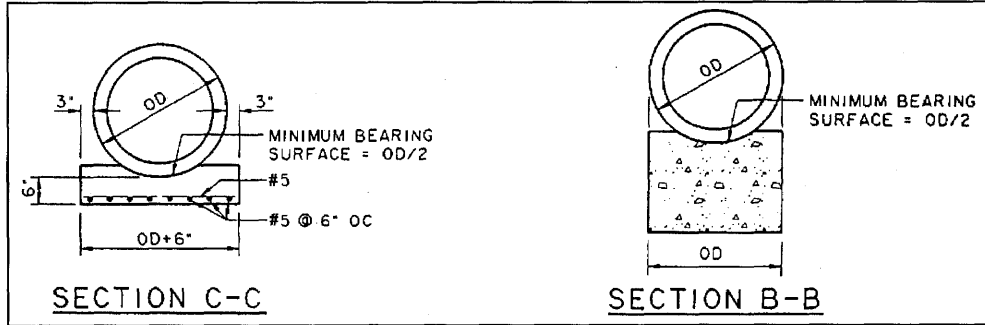
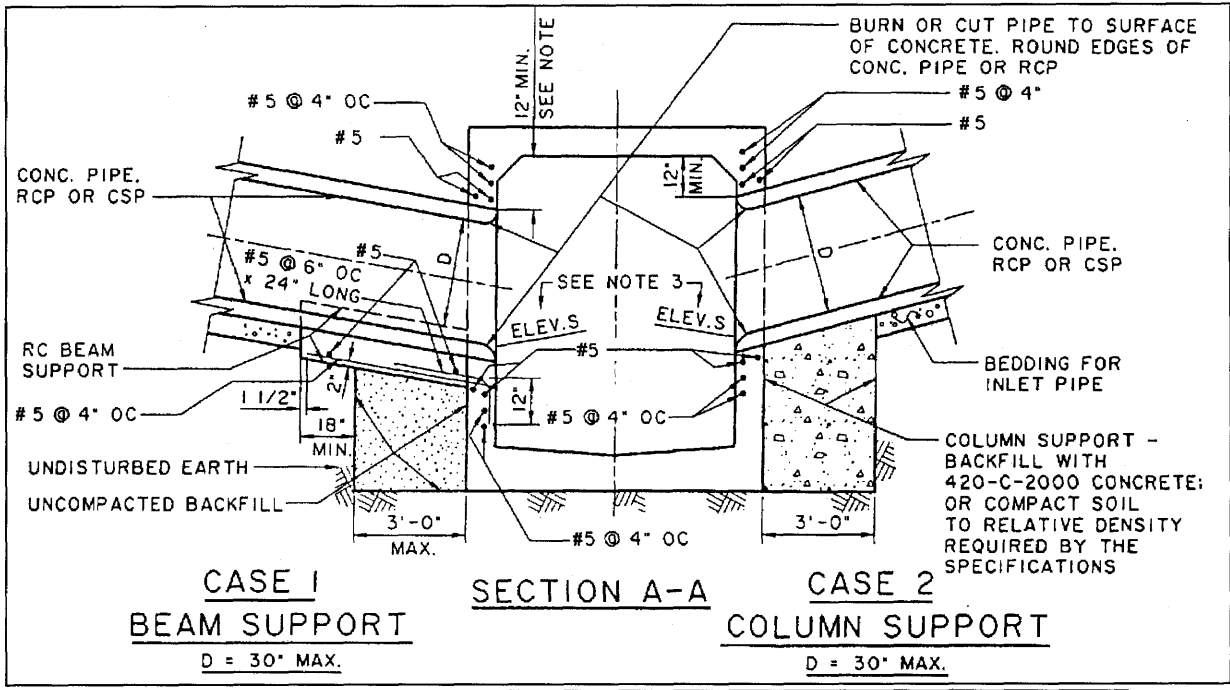
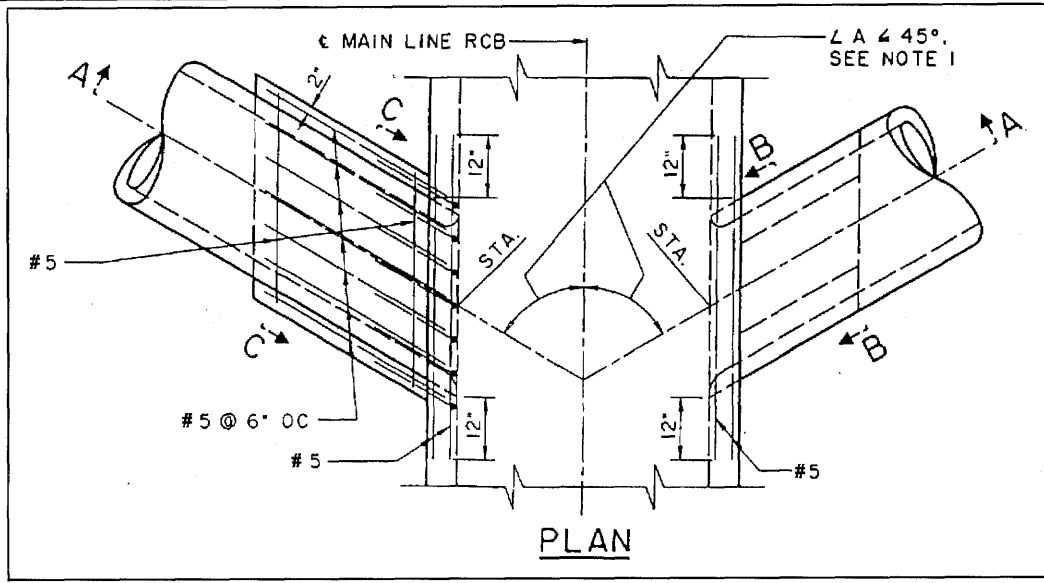




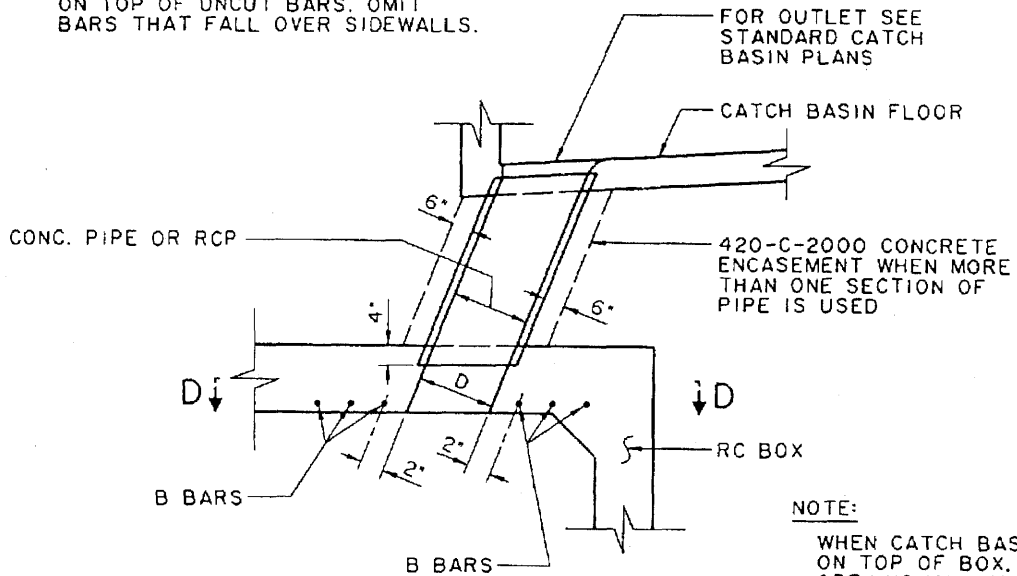
REVISIONS:

APPROVED 08/21/01	 <i>City of La Quinta</i>	STANDARD
CHRIS A. VOGT CITY ENGINEER RCE 44250		353 SHEET 1 OF 3

**JUNCTION STRUCTURE-PIPE TO
RCB (INLET ID < 30")**

A.P.W.A. STD. No. 334-0

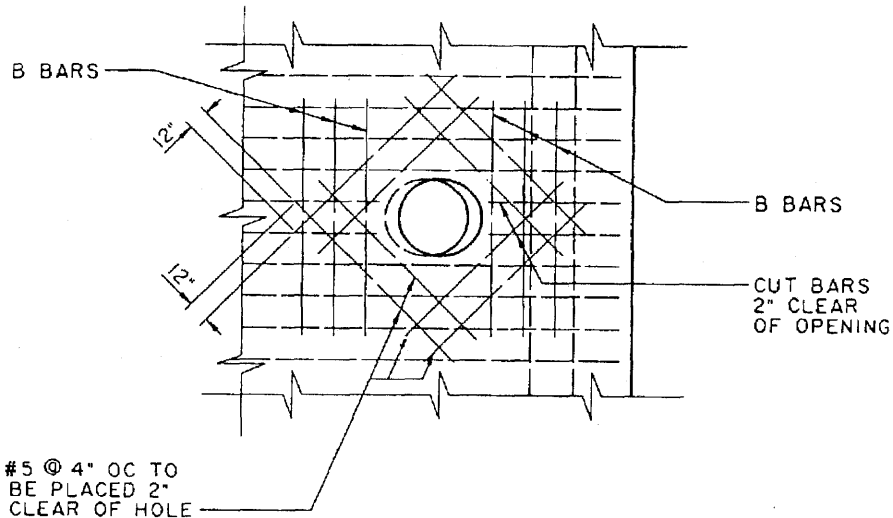
B BARS - #6 @ 4" OC, LENGTH = $D+3'-0"$
 PLACED UNDER CUT BARS AND
 ON TOP OF UNCUT BARS. OMIT
 BARS THAT FALL OVER SIDEWALLS.



NOTE:

WHEN CATCH BASIN FALLS
 ON TOP OF BOX, THE
 OPENING MAY BE FORMED
 THROUGH FLOOR OF CATCH
 BASIN AND TOP SLAB OF BOX.

CASE 3
TOP SLAB ENTRANCE
 $D = 30" \text{ MAX.}$



SECTION D-D

A.P.W.A. STD. No. 334-0

REVISIONS:

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CHRIS A. VOGT CITY ENGINEER RCE 44250		353
		JUNCTION STRUCTURE-PIPE TO RCB (INLET ID < 30")
		SHEET 2 OF 3

NOTES

1. USE JUNCTION STRUCTURE PER C.L.Q. STD. No. 352 INSTEAD OF THIS JUNCTION STRUCTURE UNDER ANY ONE OF THE FOLLOWING CONDITIONS:
 - a. DIAMETER OF INLET PIPE EXCEEDS 30".
 - b. TOP OF PIPE IS LESS THAN 12" BELOW SOFFIT OF BOX.
 - c. FLOW LINE OF PIPE IS LESS THAN 13" ABOVE FLOOR OF THE BOX AT INSIDE FACE.
 - d. ANGLE A IS LESS THAN 45°.
2. ALL CSP AND FITTINGS SHALL BE GALVANIZED.
3. ELEVATION S SHALL BE SPECIFIED ON PROJECT DRAWINGS ONLY IF THE TOP OF PIPE IS MORE THAN 12" BELOW SOFFIT OF BOX.
4. LATERALS OR CONNECTOR PIPES 24" OR LESS IN DIAMETER SHALL BE NOT MORE THAN 5' ABOVE THE INVERT.
LATERALS OR CONNECTOR PIPES 27" OR LARGER IN DIAMETER SHALL BE NOT MORE THAN 18" ABOVE THE INVERT, WITH THE EXCEPTION THAT CATCH BASIN CONNECTOR PIPES LESS THAN 50' IN LENGTH SHALL BE NOT MORE THAN 5' ABOVE THE INVERT.

A.P.W.A. STD. No. 334-0

REVISIONS:

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CHRIS A. VOGT CITY ENGINEER RCE 44250		353 SHEET 3 OF 3

**JUNCTION STRUCTURE-PIPE TO
RCB (INLET ID < 30")**