CASE 1
BEAM SUPPORT
D = 30' MAX.

CASE 2
COLUMN SUPPORT
D = 30' MAX.

SECTION A-A

SECTION B-B

SECTION C-C

MINIMUM BEARING
SURFACE = OD/2

MINIMUM BEARING
SURFACE = OD/2

0D+6"
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.

FOR OUTLET SEE
STANDARD CATCH
BASIN PLANS

CATCH BASIN FLOOR

CONC. PIPE OR RCP

420-C-2000 CONCRETE
ENCASMENT WHEN MORE
THAN ONE SECTION OF
PIPE IS USED

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° MAX.

SECTION D-D

#5 @ 4' OC TO
BE PLACED 2''
CLEAR OF HOLE

B BARS

B BARS

CUT BARS
2'' CLEAR
OF OPENING

RC BOX

REVISIONS:

APPROVED
08/21/01

CHRIS A. VOGT
CITY ENGINEER
RCE 44250

City of La Quinta
JUNCTION STRUCTURE-PIPE TO
RCB (INLET ID < 30'')

STANDARD
353

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.