PLAN

0 4" O.C.

MAIN LINE R.C.B.

#5 0 6" O.C.

2' — 0" LONG

CASE 1

BEAM SUPPORT

D = 30" MAX.

CASE 2

COLUMN SUPPORT

D = 30" MAX.

#5 0 4" O.C.

MIN. BEARING SURFACE = 0.0.

SECTION C—C

SECTION B—B

#5 BARS

#5 BARS

UNDISTURBED EARTH

UNDISTURBED BACKFILL

INLET PIPE BEDDING

CONC. PIPE, R.C.P. OR C.S.P.

BACKFILL WITH 560—C—3250 CONC.
OR COMPACT SOIL TO RELATIVE DENSITY
REQUIRED BY SPECIFICATIONS

3' MAX.

3' MAX.

CASE 1

BEAM SUPPORT

D = 30" MAX.

CASE 2

COLUMN SUPPORT

D = 30" MAX.

SECTION A—A

NOTE 1

#5 0 4" O.C.

12" MIN.

12" MIN.

18" MIN.

1½"

#5 BARS

#5 0 6" O.C.

#5 BARS

BURN OR CUT PIPE TO SURFACE OF CONCRETE
ROUND EDGES OF CONC. OR RC PIPE

3" O.D.

3" O.D.

MIN. BEARING SURFACE = O.D. / 2

#5 0 6" O.C.

#5 0 4" O.C.

#5 BARS

#5 BARS

CONC. PIPE, R.C.P. OR C.S.P.

INLET PIPE BEDDING

BACKFILL WITH 560—C—3250 CONC.
OR COMPACT SOIL TO RELATIVE DENSITY
REQUIRED BY SPECIFICATIONS

3' MAX.

3' MAX.

SECTION C—C

SECTION B—B
B BARS - #6 @ 4" O.C., LENGTH = D + 36"
PLACED UNDER CUT BARS AND ON TOP OF UNCUT BARS. OMIT BARS THAT FALL OVER SIDEWALLS.

FOR OUTLET SEE STD. CATCH BASIN PLANS

CATCH BASIN FLOOR

450-C-2000 CONCRETE ENCASSEMENT 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

CONC. PIPE OR R.C.P.
D = 30" MAX.

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

SECTION D-D

#5 @ 4" O.C. TO BE PLACED 2" CLEAR OF HOLE

NOTES:

1. USE JUNCTION STRUCTURE PER STD. 524 INSTEAD OF THIS JUNCTION STRUCTURE UNDER ANY ONE OF THE FOLLOWING CONDITIONS:
   A. DIAMETER OF THE 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 CORRUGATED METAL PIPE AND FITTINGS SHALL BE GALVANIZED.

3. ELEVATION S SHALL BE SPECIFIED ON PROJECT PLANS ONLY WHERE 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.