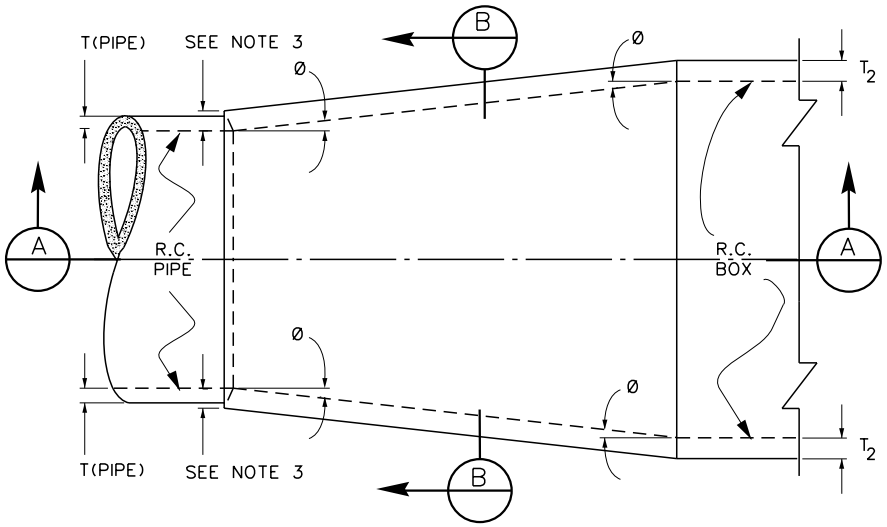
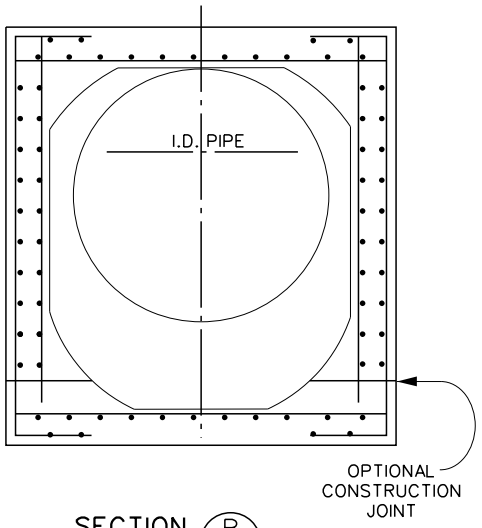
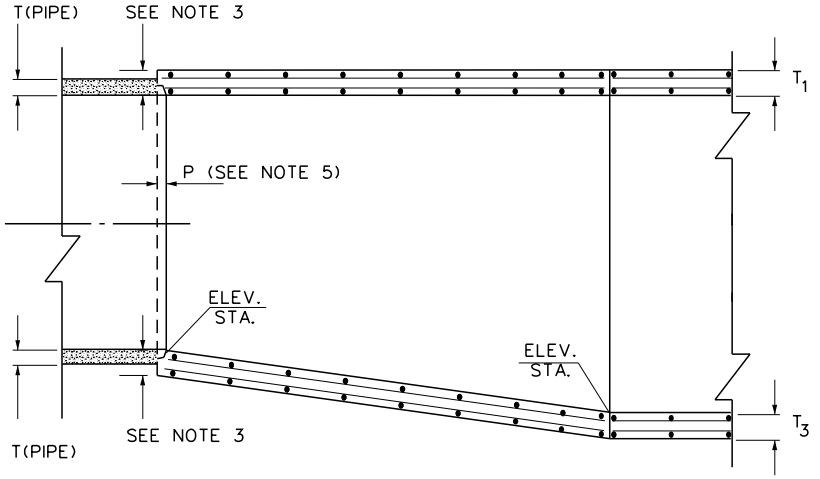


PLAN



SECTION B



SECTION A

NOTES

1. THE HORIZONTAL ANGLE OF DIVERGENCE OR CONVERGENCE, Ø, SHALL NOT EXCEED 5° 45'.
2. REINFORCING STEEL BAR SIZES, SPACING PATTERN AND COVER OVER THE STEEL SHALL BE THAT OF THE BOX SECTION. THE BAR LENGTHS SHALL VARY UNIFORMLY THROUGHOUT THE TRANSITION.
3. THE CONCRETE THICKNESS SHALL BE THAT OF THE BOX SECTION UNLESS THE WALL THICKNESS OF THE PIPE PLUS 4" IS GREATER, IN WHICH CASE THE CONCRETE THICKNESS SHALL VARY UNIFORMLY FROM THAT OF THE BOX SECTION TO THAT OF THE PIPE WALL PLUS 4".
4. THE INTERIOR SURFACE SHALL BE SMOOTH AND VARY UNIFORMLY BETWEEN THE TWO ADJOINING SECTIONS.
5. AT PIPE JUNCTURE, EMBEDMENT P SHALL BE 5" FOR PIPE SIZES OF 96" OR LESS AND 8" FOR PIPE OVER 96".
6. CONSTRUCTION JOINTS OF THE SAME DIMENSIONS AS THOSE OF THE BOX MAY BE CARRIED THROUGH THE TRANSITION STRUCTURE AT CONTRACTOR'S OPTION. SEE SECTION B ABOVE.
7. THE TRANSITION STRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL STRUCTURAL NOTES APPLYING TO BOX AS SHOWN ON THE PROJECT DRAWINGS.
8. STRUCTURAL CONCRETE SHALL BE CLASS "A".

RIVERSIDE COUNTY FLOOD CONTROL
AND
WATER CONSERVATION DISTRICT

RECOMMENDED FOR APPROVAL BY:
CHIEF, DESIGN & CONSTRUCTION
DATE: JANUARY 2011 R.E. No. 44684

APPROVED BY:
CHIEF ENGINEER
DATE: JANUARY 2011 R.C.E. NO. 32336

TRANSITION STRUCTURE NO. 1

STANDARD DRAWING NUMBER TS301