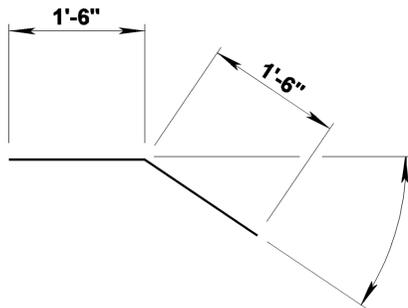


SIDE VIEW OF BARREL
SHOWING CONCRETE DIMENSIONS
AND REINFORCING IN WALLS.
OPPOSITE SIDE IS SIMILAR

NO. OF #8 BARS REQ'D.
4 - SINGLE BEND, SINGLE CELL
8 - DOUBLE BEND, SINGLE CELL
6 - SINGLE BEND, DOUBLE CELL
12 - DOUBLE BEND, DOUBLE CELL



DETAIL OF DOWELS DSS - #4

SHEET NO.	STATION	SIZE	ANGLE OF BEND	*NO. OF DOWELS DSS-#4	NO. & LENGTH OF #8 BARS	EST. REINF. STEEL (LBS)

* SINGLE CELL
NO. OF DOWELS DSS = (NO. OF BARS AST + BARS ASB + BARS BS) x (2)

* DOUBLE CELL
NO. OF DOWELS DSS = (NO. OF BARS AST + BARS ASB + BARS BS + BARS ES) x (2)

GENERAL NOTES

1. THIS DRAWING IS SUPPLEMENTARY TO THE BASIC CULVERT DRAWINGS OF THE M.D.O.T. STANDARD DRAWING SERIES IBS AND IBD.
2. THE ANGLE OF BEND IN THE BOX CULVERT SHALL BE CHECKED IN THE FIELD BEFORE ORDERING REINFORCING STEEL.
3. THIS DRAWING IS FOR A SINGLE CELL CULVERT. DOUBLE CELL STRUCTURES ARE SIMILAR.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
VERTICAL BOX CULVERT BENDING DETAIL	
PROJECT NO. :	WORKING NUMBER
COUNTY :	VBCB-1
FILENAME: dgns/vbxbend.dgn	SHEET NUMBER
DESIGN TEAM	CHECKED DATE

ROADWAY DESIGN PLAN C.A.D. SECTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION