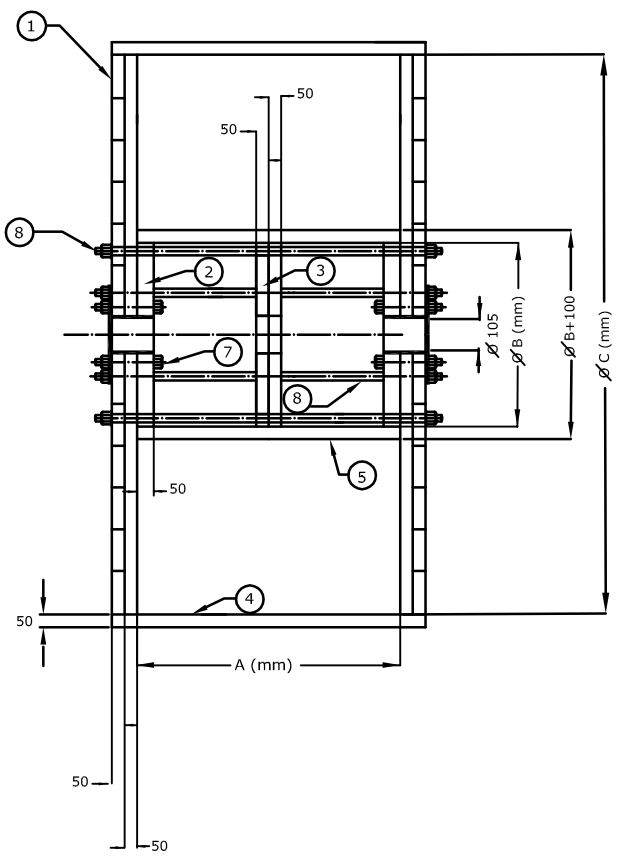

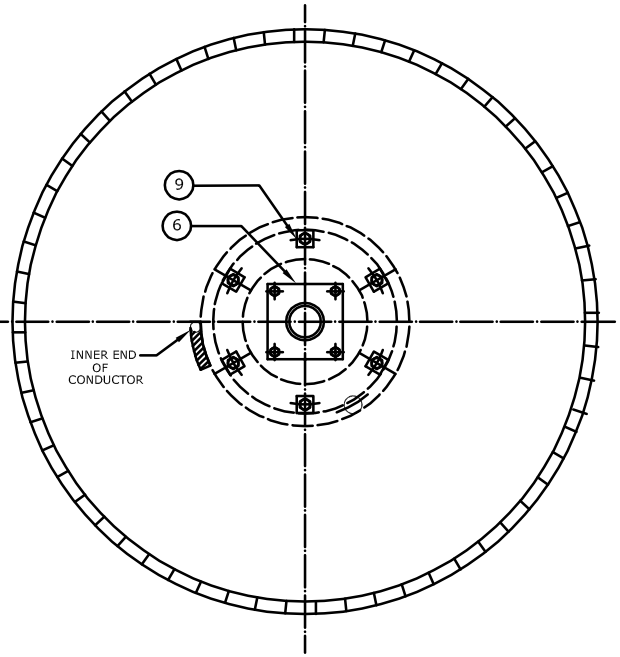

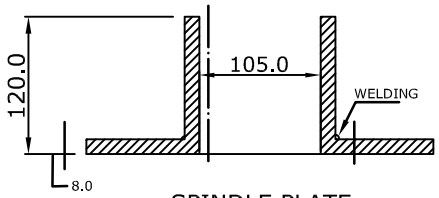

SPINDLE PLATE

	DRUM COMPONENTS	MATERIAL SPECIFICATION	QUANTITY	DIMENSION
1.	FLANGE	SEASONED WOOD	2	Ø Cx100(50+50)
2.	BARREL END SUPPORTS	SEASONED WOOD	2	Ø Bx50
3.	BARREL MIDDLE SUPPORT	SEASONED WOOD	1	Ø Bx100(50+50)
4.	OUTER LAGGING	SEASONED WOOD	--	(A+200)x50
5.	BARREL BATTENS	SEASONED WOOD	--	Ax75x50
6.	SPINDLE PLATE	MS	2	300x300x8
7.	BUSH PLATE STUD	MS	8	Ø 16X180
8.	TIE ROD	MS	6	Ø 22X1325
9.	TIE ROD WASHER	MS	12	75x75x6

NOTE :

1.	ALL DIMENSIONS ARE IN MM.
2.	DRUMS SHALL GENERALLY CONFIRM TO IS 1778-1980 AMMENDMMENT No.1 Of june 1989 EXCEPT OTHERWISE SPECIFIED.
3.	ONE LENGTH OF CONDUCTOR SHALL BE WOUND ON EVERY DRUM
4.	THE STANDARD LENGTH OF THE CONDUCTOR AND EQUIVALENT SIZE OF CONDUCTOR IS L mtrs (INIDCATED IN THE TABLE BELOW) WITH TOLERANCE OF ± 5%.
5.	TOLERANCE ON DIMENSIONS OF WOOD IS + 3mm.
6.	TOLERANCE ON STEEL COMPONENTS OF THE DRUM IS ± 0.50mm.
7.	INNER & OUTER SURFACE OF FLANGE & BARREL SHALL BE BITUMIN PAINTED.
8.	BARREL & INNER SURFACE OF FLANGE SHALL HAVE WATER PROOF HDPE SHEET
9.	OUTER SURFACE OF CONDUCTOR SHALL BE COVERED BY WATER PROOF POLYTHENE PAPER
10.	MEDIUM GRADE CRAFT/CREPE/POLYTHENE PAPER SHALL BE USED IN BETWEEN THE LAYERS
11.	ALL NUTS OF ROD SHOULD BE TACK WELDED.
12.	3 nos. BINDER SHALL BE USED FOR BINDING THE EXTERNAL LAGGING.
13.	FLANGE SHALL BE NAILED IN 5 CIRCLES WITH NAIL SIZE OF 125X4.

STANDARD DRAWING

STANDARD CONDUCTOR LENGTH (in Meters)	A (in mm)	B (in mm)	C (in mm)
.....	.....	.....	.....

Note : Standard Length & Dimensions A, B & C shall be furnished by HTLS conductor supplier.

REVISION					CLEARED BY			PROJECT DETAILS:
								TITLE: WOODEN DRUM DRAWING FOR HTLS CONDUCTOR
REV. No	DESCRIPTION	CHKD	REVWD	APPD	CHECKED	REVIEWED	APPROVED	SCALE N.T.S. / DRAWING NO:CC:ENGG:TL:COND:WD / REV. 0