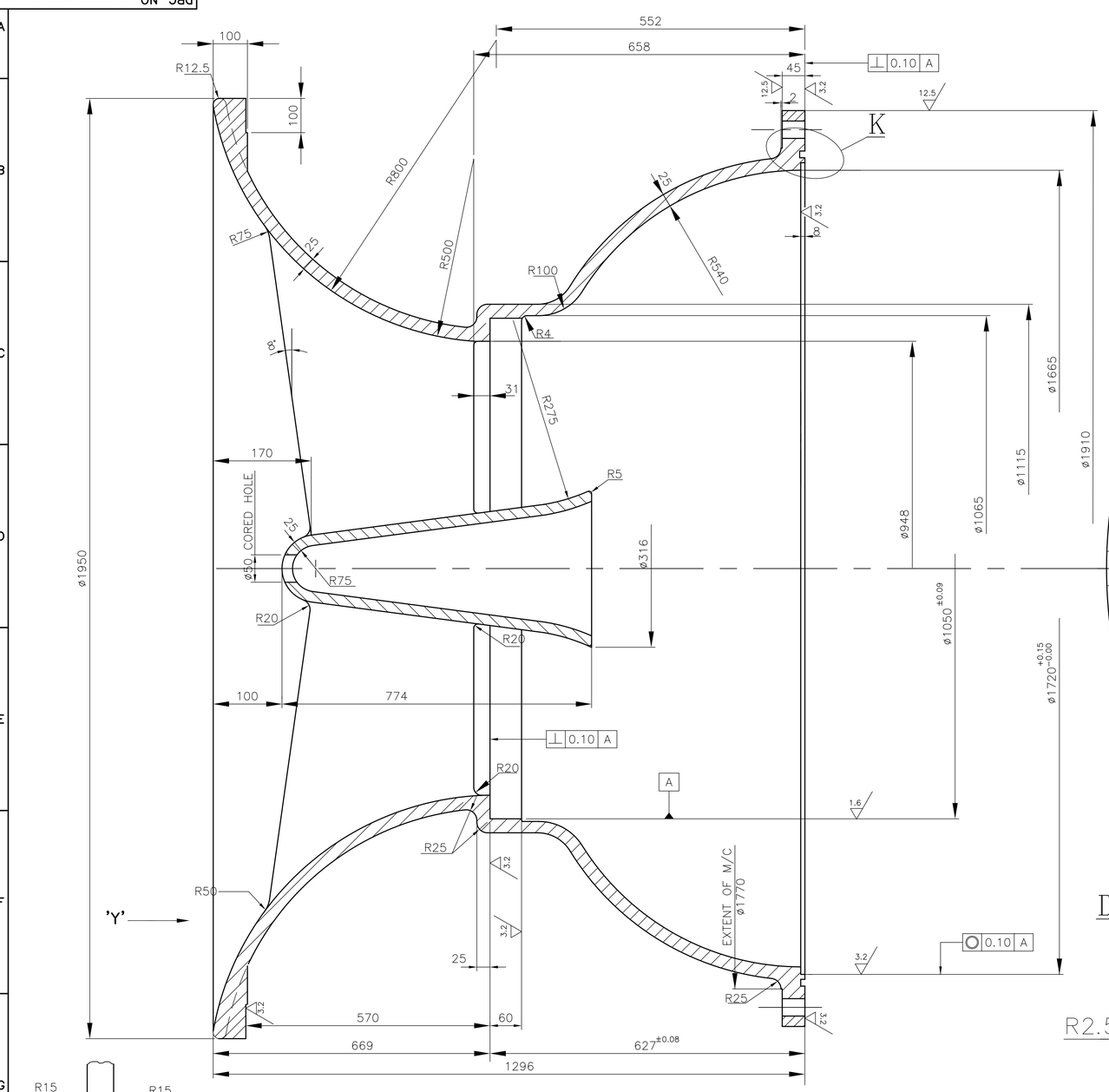
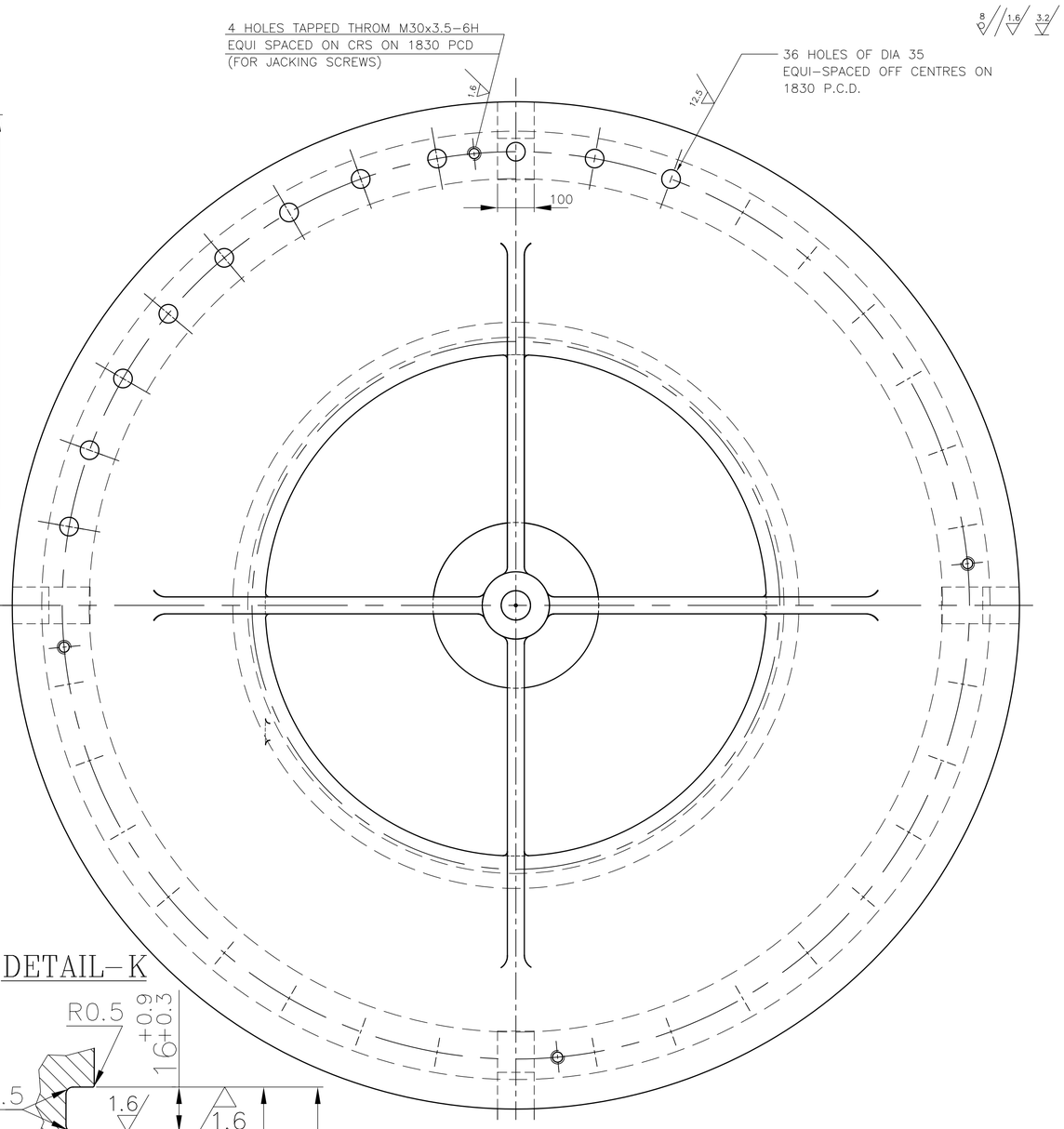
FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

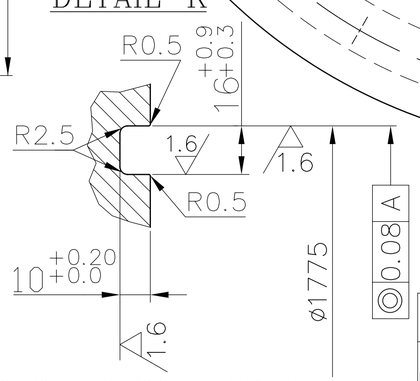
DRG. NO. 1 182 36 1 6031

THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED.
IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY

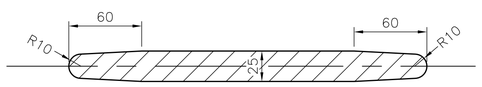




DETAIL–K



PART VIEW ON ARROW Y'



SECTION XX

LEADING AND TRAILING ENDS TO BE CAST. TO SHAPE OR CHIPPED AND GROUND TO SHAPE BY SUPPLIER.

NOTES:

1. TESTS TO BE CARREID OUT AT SUPPLIER END:–
   a. DIMENSIONAL CHECK ON PATTERN (TO BE APPROVED BY B H E L)
   b. DIMENSIONAL CHECK ON CASTING
   c. MECHANICAL PROPERTIES TEST
   d. PRESSURE TESTING AT 7.5Kg/Cm^2 FOR 30 MINUTES
   e. STRESS RELEIVING TO BE CARRIED OUT
2. CERTIFICATES TO BE FURNISHED BY THE SUPPLIER:–
   a. MECHANICAL PROPERTIES
   b. PRESSURE TESTING
   c. DIMENSIONAL CHECK ON CASTING
   d. PRESSURE TESTING
   e. STRESS RELEIVING
3. IDENTIFICATION:–
   a. CASTING SHALL BE IDENTIFIED BY HEAT/CAST NO.
   b. TO BE PROPERLY DESPATCHED SUCH THAT NO DAMAGE IS CAUSED DURING HANDLING AND TRANSIT.

PAINTING: TO BE DONE AS PER PROCESS STD. NO. AA0674111.

1. ALL MACHINED SURFACES SHALL BE COATED WITH SUITABLE RUST PREVENTIVE COAT AS PER CATEGORY "B" OF HY049563
2. ALL SURFACES SHALL BE PAINTED WITH 2 COATS (30 MICRONS EACH) OF CHEMICAL RESISTANT EPOXIDE PRIMING PAINT AS PER AA56105 AND 2 COATS (30 MICRONS EACH) OF HIGH BUILD BLACK COAL TAR EPOXIDE PAINT AS PER AA56135 FOR FINISH PAINTING.

MATERIAL : AA19703+2%Ni
S : 0.1% MAX. P : 0.2% MAX.
TENSILE STRENGTH – 260 N/MM^2
BRINELL HARDNESS – 180 TO 230 HB.

ITEM NO	REMARKS	DESCRIPTION	VAR. NO.	DRAWING NO.	MATERIAL CODE	NET WT.	GROSS WT.
				FP9710811002		1860.0	
				AA19703 +2%Ni			
					MATERIAL SPECN.	QUANTITY	

THE FOLLOWING CONDITIONS APPLY EXCEPT OTHERWISE STATED

1. REF.TO HY0230261 FOR UNTOLERANCES.
2. CHAMFER M/CD SHARP EDGES 1.2 TO 1.0 AT 45°.
3. INTERNAL M/CD CORNER RADII 1 TO 0.7.
4. THE SURFACE ROUGHNESS WHEREVER NOT SHOWN SHALL BE TAKEN FROM THE SURFACE ROUGHNESS SHOWN OUT SIDE BACK SLASHES GIVEN AT THE TOP MOST RIGHT CORNER OF THE DRG.

BASE HY0 SAP ESAP

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT: CW10 NEC KOSTI SUDAN 4X125MW

भारत हेवी इलेक्ट्रिकल्स लिमिटेड हैदराबाद
BHARAT HEAVY ELECTRICALS LTD. HYDERABAD

	NAME	DATE
DRN.	ACAD	25.11.06
CHD.	M.S.RAO	25.11.06
APPD.	B.R.K	25.11.06

RESTRICTED USE

DEPT.	SCALE	WEIGHT (KG)	REF. TO ASSY DRG.	ITEM NO.	NO.OF ITEMS
PMP	N.T.S	1860.00			00
CODE 410					NO.OF VAR. 00

TITLE: SUCTION BELL MOUTH

DRAWING NO. 1 182 36 1 6031 REV. 01

SHEET NO. 01 NO OF SHEETS 01

REV.	DATE	ALTERED	CHECKED	APPD.	ZONE
01	14-03-07	K.Saidulu			C6

DIMNS.ø1665 WAS ø1466
PR.TEST VALUE 7.5Kg/Cm^2 WAS 3Kg/Cm^2

COMPUTER FILE NAME : FP1182361603 1-01
REF. DRG. NO.
SIGN. AND DATE
INVENTORY NO 182 6031

24-03-2008 10:34:57

This Drawing is printed from Engineering Digital Archive System (EDAS).
Therefore signatures are not essentially required.