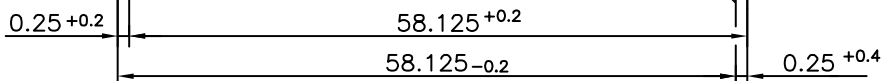
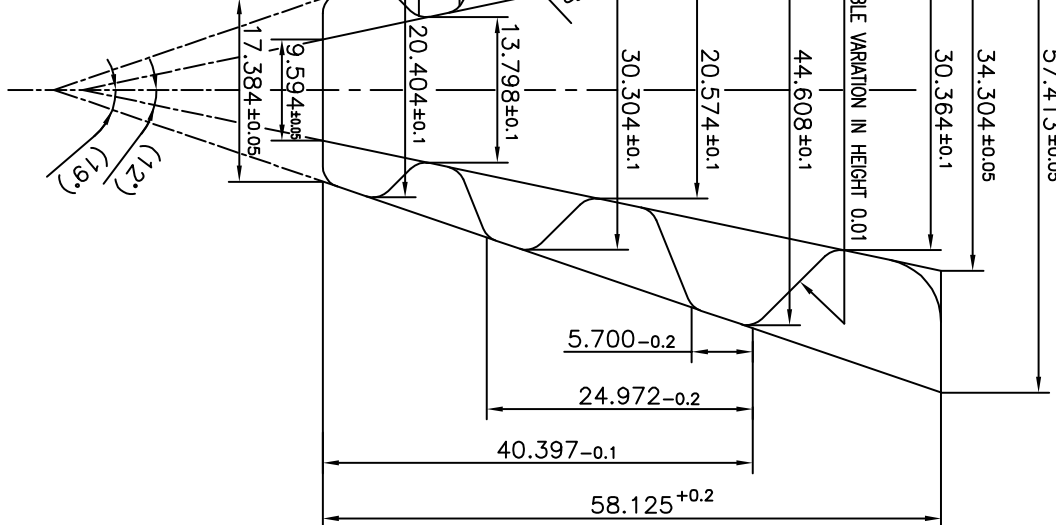
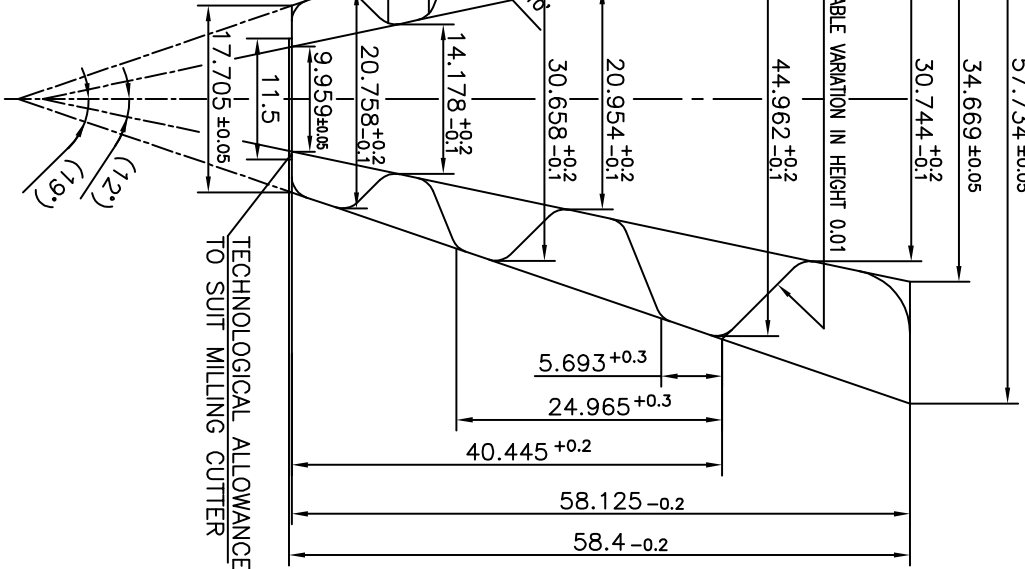
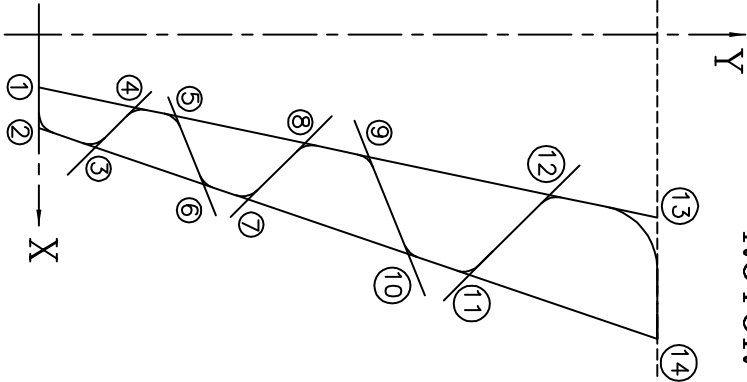


THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETERIMENTAL TO THE INTEREST OF THE COMPANY.



# ASSEMBLY

## ROTOR GROOVE



NETWORK COORDINATES				
REFERENCE DIMENSIONS FOR DESIGN				
POINTS	ROTOR GROOVE		BLADE ROOT	
	X	Y	X	Y
1	4.979	0	4.797	0
2	8.853	0	8.693	0
3	10.677	5.298	10.500	5.250
4	6.907	9.068	6.717	9.033
5	7.715	12.867	7.518	12.806
6	14.183	15.480	14.004	15.425
7	15.627	19.673	15.450	19.625
8	10.295	25.006	10.105	24.971
9	11.572	31.016	11.377	30.955
10	20.819	34.752	20.639	34.697
11	22.779	40.445	22.602	40.397
12	15.190	48.035	15.000	48.000
13	17.334	58.125	17.152	58.125
14	28.867	58.125	28.706	58.125

GRADE OF UNTOL.DIM	M/CG.- $\varnothing$ /M/ $\varnothing$ AA0230208
WEI.DINC.- $\varnothing$ /B/ $\varnothing$ / $\varnothing$ AA0624104	


GMS No./ CBOM No.		STATUS OF DRS
01030746000		U
AGRD DEPT	NAME	SIGN
TBM	B.DAS	Sd/-
TTX	G.SINGH	Sd/-
		6.9.02

REV	DATE	REV	DATE	REV	DATE
	ALTERED CHECKED	REV	DATE	ALTERED CHECKED	REV

WELDING	NY 5/5/12	AA0021104
GAS CUTTING--T3AA0621101		
RETRY	DATE	REV
	ALTERED	DATE
	CHECKED	ALTERED
		CHECKED

8					
7					
6					
5					

[illegible]

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT										STEAM TURBINE											
BHARAT HEAVY ELECTRICALS LTD. RANIPUR, HARDWAR																					
DEPT SIE				SCALE 2:1		WEIGHT (Kg)		-													
CODE 4011																					
TITLE : ROOT AND GROOVE PROFILE FOR MOVING BLADE										CARD CODE		DRAWING NO.									
										7		2-10307-46035									
										22/23		24									
										25		26									
SHEET No. 01										No. of SHEETS 01											

## TECHNICAL REQUIREMENTS:

1. ALL UNDIMENSIONED RADII ARE TO BE  $R2 \pm 0.1$
2. TOLERANCE FOR NETWORK COORDINATES  $\pm 0.01$

FORM 14