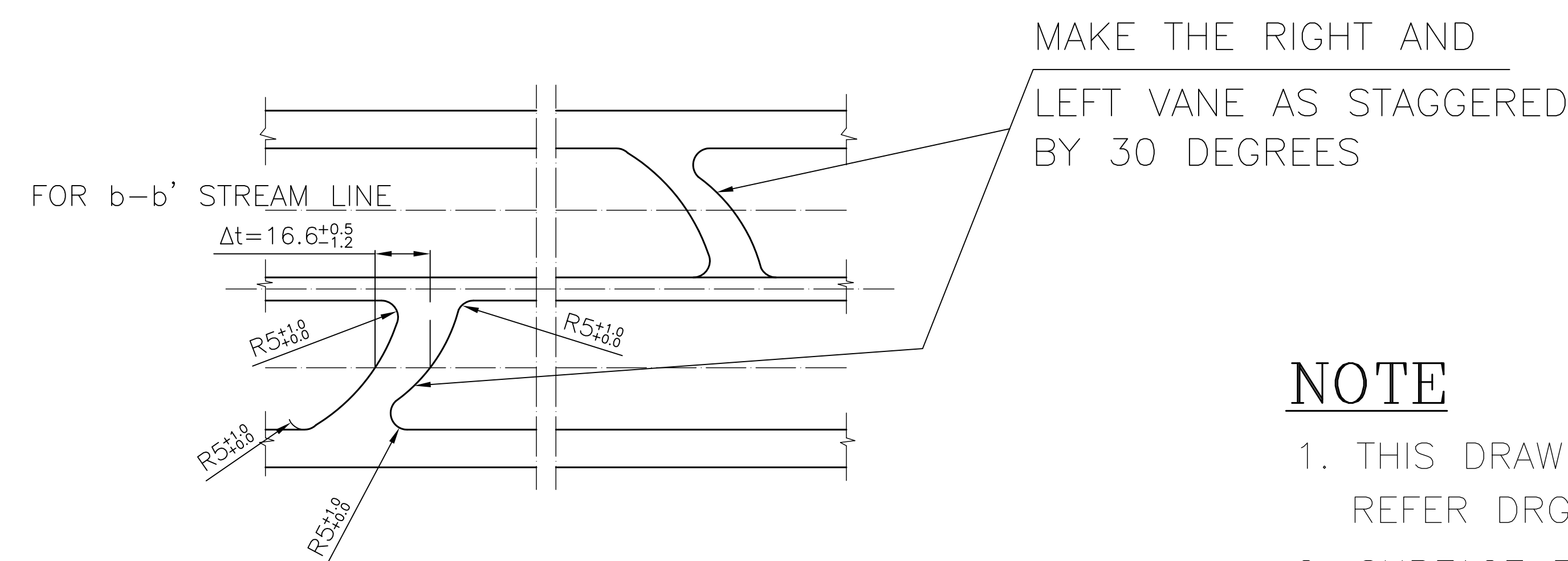
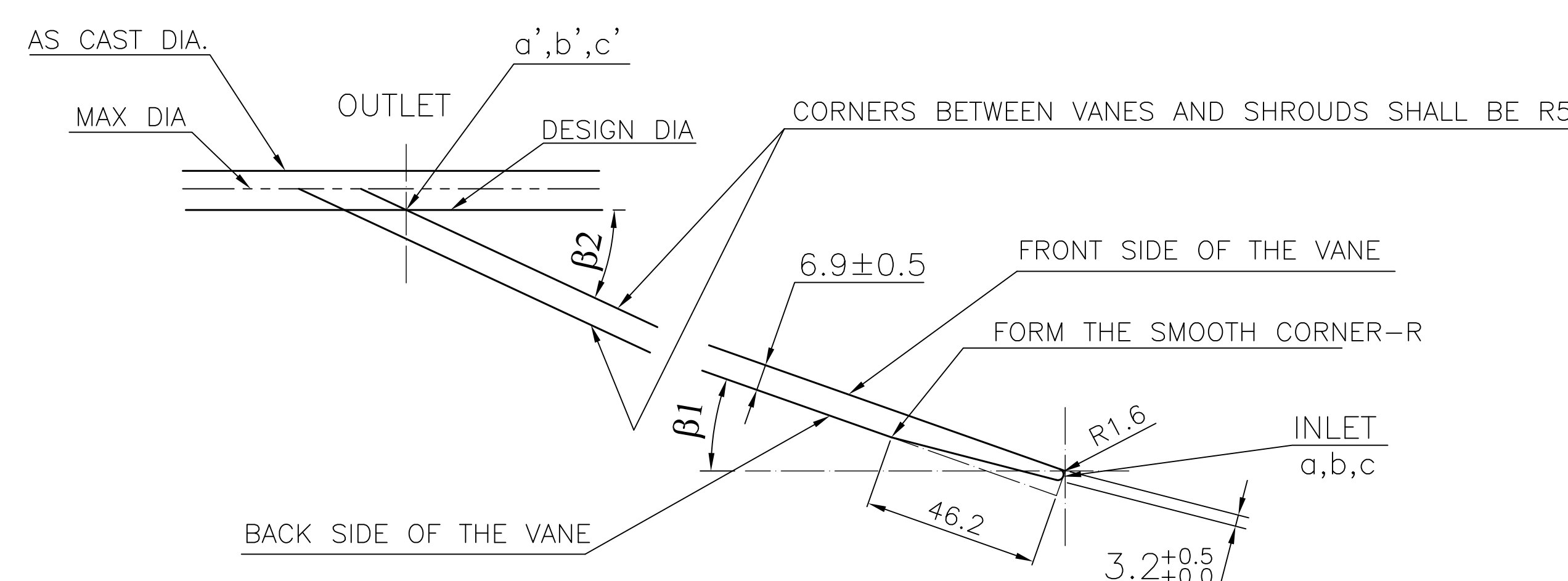
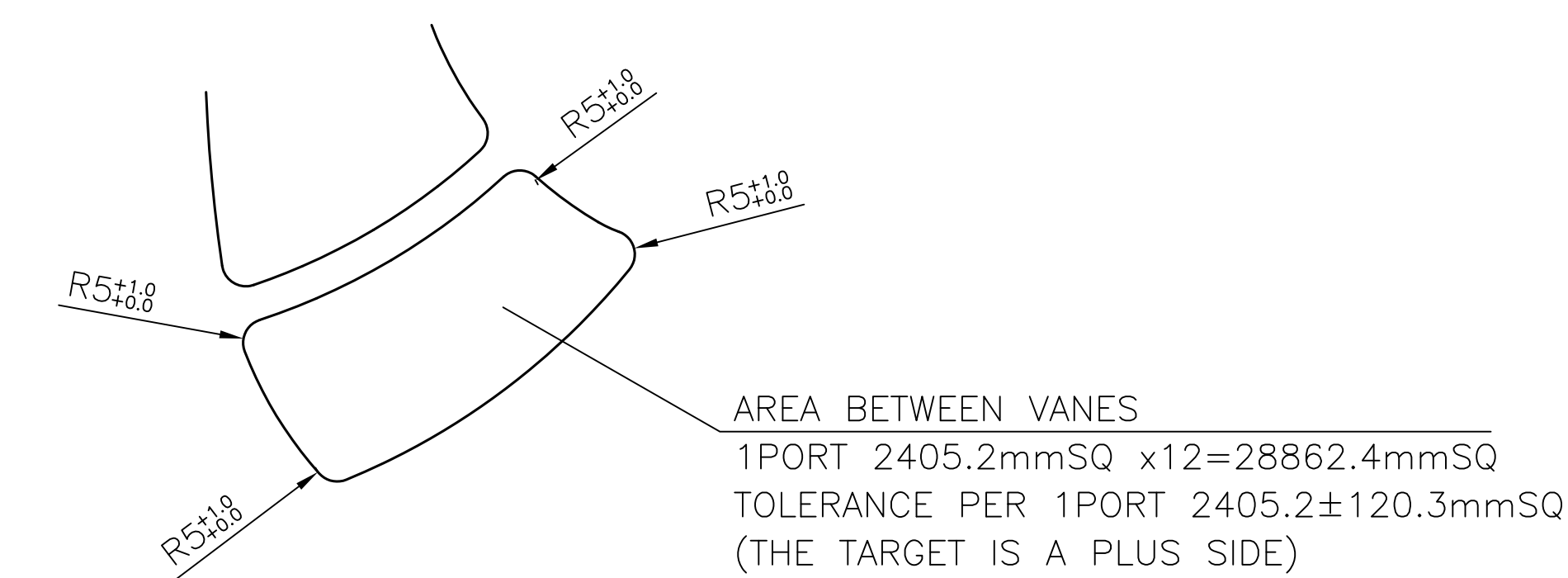
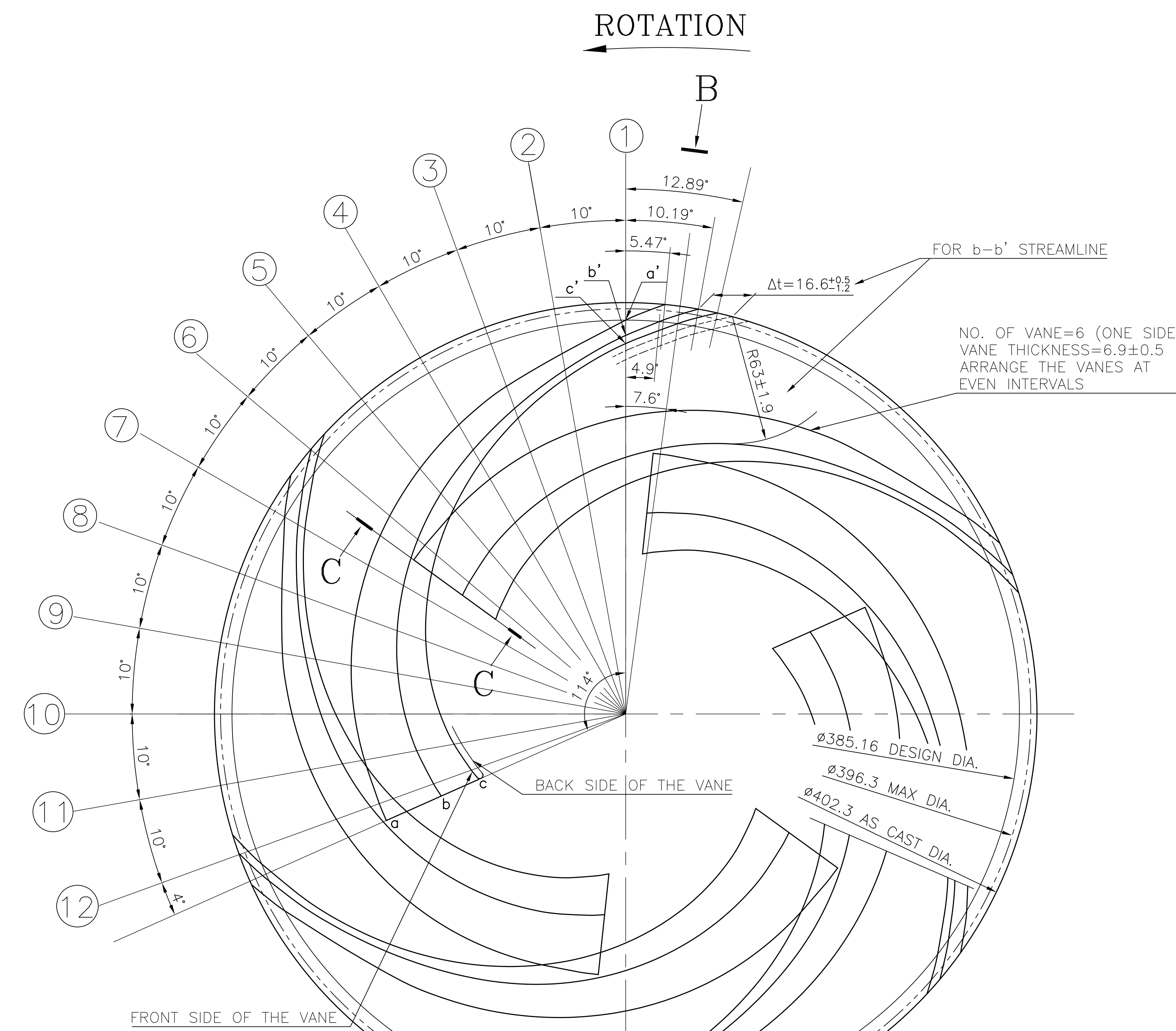
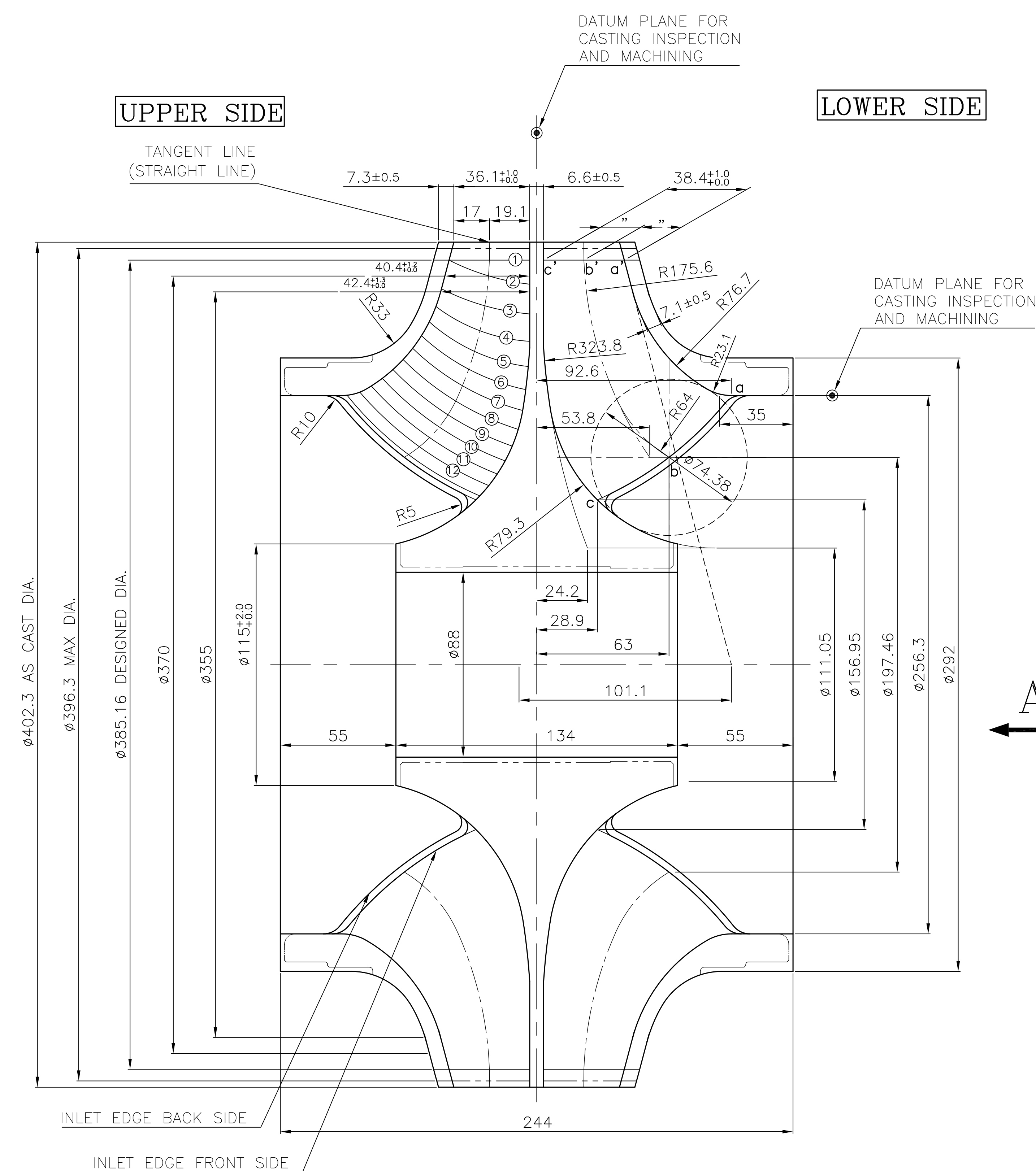




SECTION-CC

NOTE

1. THIS DRAWING INDICATES VANE PROFILE DIMENSIONS.
REFER DRG NO. 01811214451 FOR FINISH MACHINED DIMENSIONS.
2. SURFACE FINISH IN FLOW PASSAGES SHALL BE 8 MICRONS.
3. BEWARE OF THE MISALIGNMENT OF THE VANE PITCH AND DIMENSIONS. AND CAST THE IMPELLER SO THAT THE CENTER OF MASS SHALL BE CLOSE TO THE CENTER OF FIGURE, IN ORDER TO MAKE THE RESIDUAL UNBALANCE SMALLER.

DETAIL OF VANE INLET, OUTLET

VIEW-B

RADIUS RADIAL COORDINATE (AT THE FRONT SIDE OF THE VANE)

	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	INLET EDGE	INLET ANGLE (B1)	OUTLET ANG (B2)
a-a'	192.58	178.95	170.50	163.24	156.62	150.64	145.28	140.51	136.33	132.68	129.75	128.27	128.15	15.23°	25°
b-b'	185.10	170.85	158.97	149.16	140.67	132.79	125.50	118.95	113.16	108.11	103.76	100.01	98.73	19.44°	25°
c-c'	181.13	166.97	153.93	141.93	130.96	121.01	112.03	104.05	97.01	90.77	85.27	80.36	78.64	23.91°	25°

						FP9218224026	53.0	53.0	
						HY19582		1	
			VAR. NO.	RAW MATERIAL SIZE OR CASTING DRG.NO. OR FORGING DRG.NO.			MATERIAL CODE	NET WT.	GROSS WT.
ITEM NO	DESCRIPTION	DRAWING NO.					MATERIAL SPECN.		QUANTITY

THE FOLLOWING CONDITIONS APPLY EXCEPT OTHERWISE STATED				TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		144RND-PV-660&800				
1. REF. TO HY0230261 FOR UNUS. TOLERANCES.				 भारत हीरो इलेक्ट्रिकल लिमिटेड भारत हेवी इलेक्ट्रिकल लिमिटेड HYDERABAD		NAME		DESIGN.	DATE	NO. OF VAR.
2. CHAMFER W/CD SHARP EDG. 1.2 TO 1.0 AT 45°.						DRN.	PRNAV.	2.05.15		
3. INTERNAL W/CD CORNER RADII 1 TO 0.7.						CHD.	MSR	2.05.15		
4. THE SURFACE ROUGHNESS WHEREVER NOT SHOWN SHALL BE TAKEN FROM THE SURFACE ROUGHNESS SHOW UP SIDE BACK SLASHES GIVEN AT THE TOP MOST RIGHT CORNER OF THE DRG.				DEPT. PLUMS CODE: 410		 SCALE NTS	WEIGHT (KG) 49.0	REF. TO ASSY DRG.	ITEM NO.	NO. OF ITEMS
				TITLE		DRAWING NO.				REV.
				IMPELLER FIRST STAGE CASTING		0 181 12 2 4452				00
				SHEET NO.				NO OF SHEETS		