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COMPUTER FILE NAME :

REF. DRG. NO.

INVENTORY NO

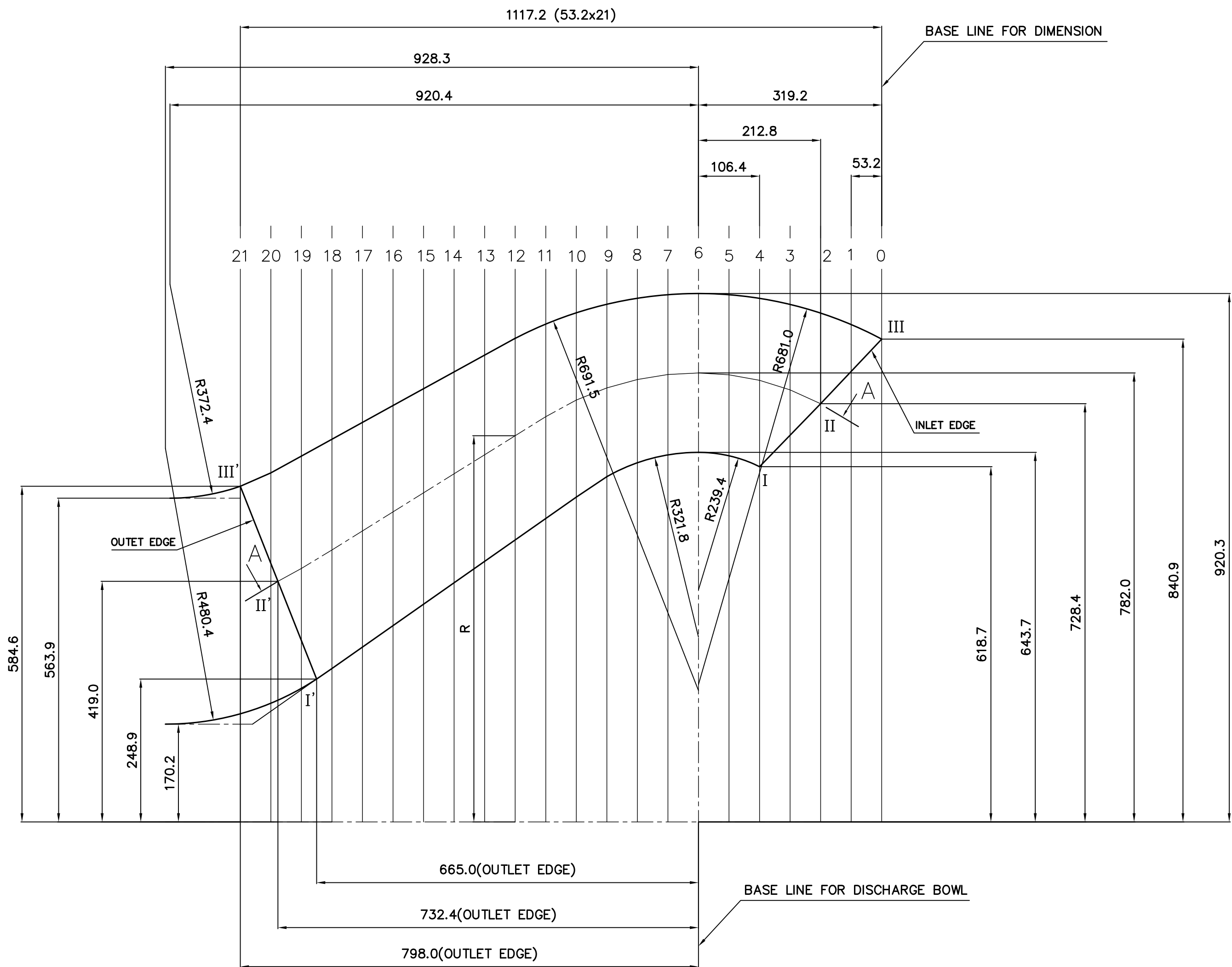
Mar Wed 20 08:16 2019

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

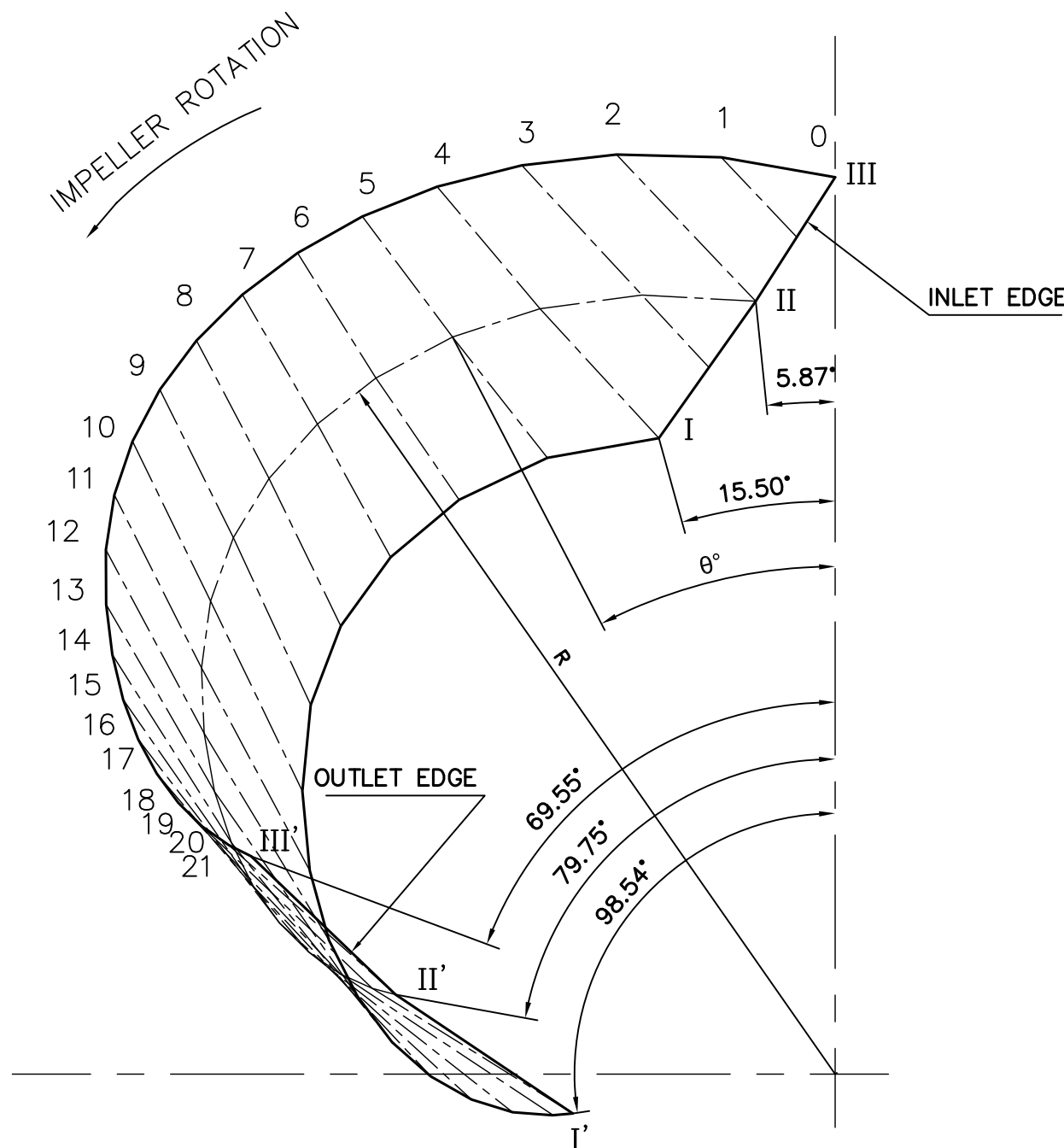
1 182 36 4 7133

DRG. NO.



NUMBER OF VANES = 7 (EQUALLY SPACED)

VANE THICKNESS = $\begin{matrix} +1.5 \\ 0 \end{matrix}$ 26 MM



VIEW-B

	INLET ANGLE	OUTLET ANGLE
I-I'	27.5°	90°
II-II'	28°	90°
III-III'	28.5°	90°

SHAPE THE BLADE
THICKNESS SMOOTHLY

VANE COORDINATE

RADIAL COORDINATE AT THE FRONT SIDE OF THE BLADE

		INLET EDGE (0)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	OUTLET EDGE (21)	
		0	53.2	106.4	159.6	212.8	266	319.2	372.4	425.6	478.8	532	585.2	638.4	691.6	744.8	798	851.2	904.4	957.6	1010.7	1063.9	1117.2	
I—I'	R	618.7				618.7	637.7	643.7	639.3	625.6	601.3	565.7	528.4	491.1	453.8	416.5	379.2	341.8	304.6	267.2			248.9	
	Θ	15.5°				15.5	25.04	33.22	40.7	47.82	54.87	62.04	68.83	75.18	80.78	85.89	90.33	94	96.75	98.32			98.54	
II—II'	R	728.4				752.5	769.2	778.8	782	779.2	770.6	756	734.8	705.8	672.6	639.5	606.3	573.1	540	506.8	473.6	441.4		419
	Θ	5.87°				13.93	21.09	27.44	33.42	38.55	43.55	48.3	52.87	57.35	61.63	65.53	69.04	72.14	74.8	76.96	78.57	79.52		79.75
III—III'	R	840.9	866.2	886.2	901.3	912	918.2	920.3	918.2	912.1	901.6	886.7	867.1	842.3	813.2	783.8	754.5	725.2	695.9	666.5	637.2	607.9		584.6
	Θ	0°	7.09	13.38	19.03	24.16	28.87	33.22	37.26	41.05	44.62	48	51.22	54.3	57.22	59.88	62.26	64.35	66.12	67.57	68.65	69.32		69.55

NOTES:

1) THIS DRAWING SHOWS DETAIL COORDINATES OF DISCHARGE BOWL DRAWING 11823617132

2) ALL DIMENSIONS INCLUDING VANE EDGE, REFERENCE DIMENSIONS
SHALL BE CHECKED AND WITNESSED AS PER DOCUMENT FP13573

SHAPE THE BLADE
THICKNESS SMOOTHLY

OUTLET ANGLE

SECTION AA

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

THE FOLLOWING CONDITIONS APPLY
EXCEPT OTHERWISE STATED
1. REF.TO HY0230261 FOR UN
TOLERANCES.
2. CHAMFER M/CD SHARP ED
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.

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT	CW10M	NAME	SIGN.	DATE	NO.OF VAR.
DRN. SATISH				20.03.19	
CHD. SATISH				20.03.19	
APPD. K.H.R.K				20.03.19	
DEPT. PUMPS		SCALE	WEIGHT (KG)	REF. TO ASSY DRG.	ITEM NO.
CODE 410		N.T.S		-NA-	-NA-
TITLE				DRAWING NO.	REV.
CWP PUMP CASING VANE PROFILE				1 182 36 4 7133	00
SHEET NO.				NO OF SHEETS	