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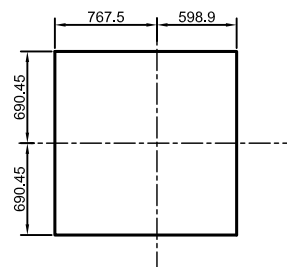
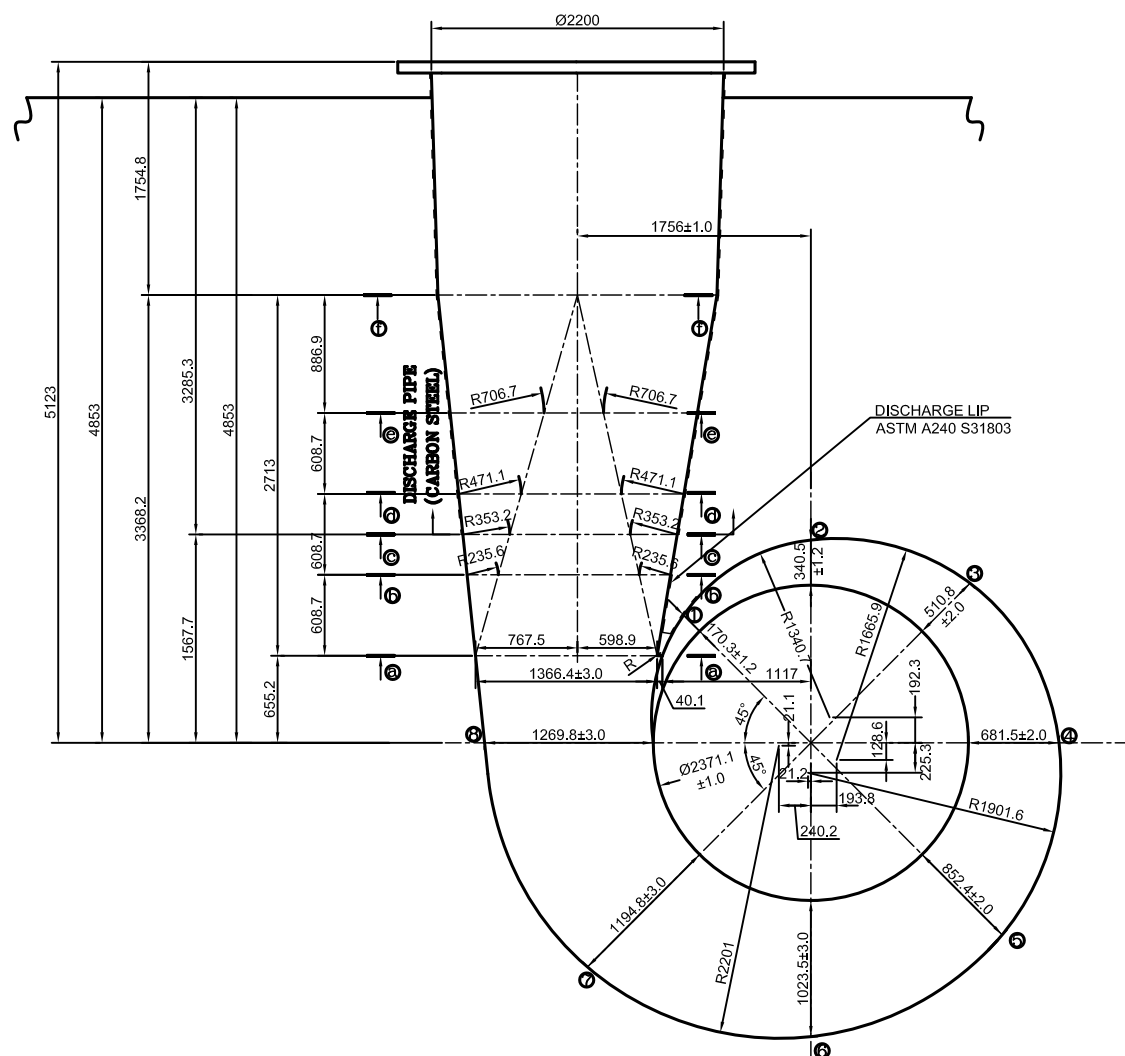
REVISION NO. AND DATE (REF. DRG. NO.) COMPUTER FILE NAME

FIRST ANGLE PROJECTION

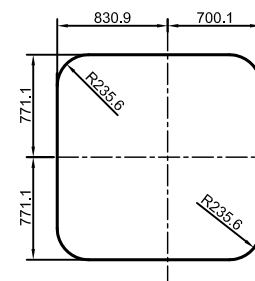
(ALL DIMENSIONS ARE IN mm)

3 180 14 9 5215

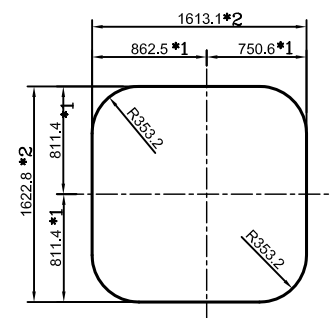
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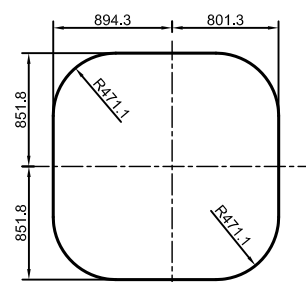
SECTION aa



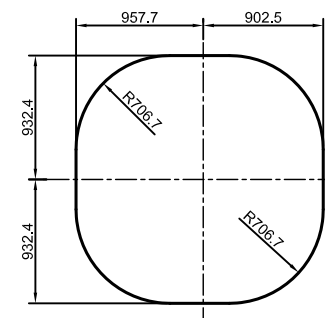
SECTION bb



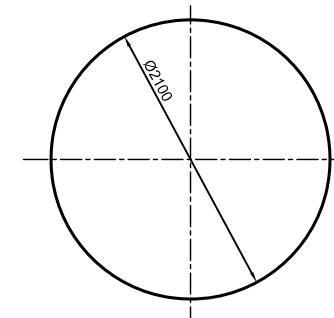
SECTION cc



SECTION dd



SECTION ee



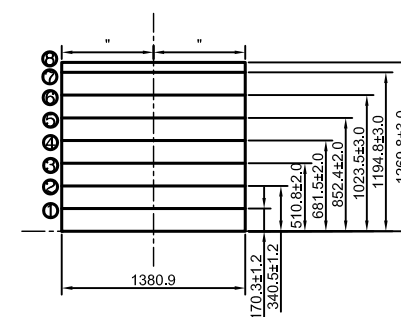
SECTION ff

NOTE:

1. THE CONCRETE SURFACE OF WATER PASSAGE SHALL BE FINISHED SMOOTHLY. THE SURFACE INEQUALITIES SHALL NOT BE GREATER THAN 0.1 INCH OVER A MINIMUM LENGTH OF 3 INCHES.
2. THE CONCRETE SURFACE OF WATER PASSAGE SHALL BE PAINTED AT SITE BASED ON PAINTING SCHEDULE.
3. THIS DRAWING SHOWS THE FINISHED DIMENSIONS AND TOLERANCES AFTER CONCRETING. THE FORMWORK VENDOR SHALL DECIDE THE DIMENSIONS AND TOLERANCES FOR FORMWORK AND SHALL SUBMIT FORMWORK DRAWINGS AND INSTALLATION PROCEDURE TO BHEL.
4. THE TOLERANCES OF * MARKED DIMENSIONS SHALL BE AS FOLLOWS:
<DIMENSION *1> :
DISCHARGE PIPE: 0/+ 5.0
FORMWORK : - 5.0/0
<DIMENSION *2> :
DISCHARGE PIPE: 0/+ 10.0
FORMWORK : - 10.0/0
5. IN CASE OF CLEARANCES AT CONNECTION OF DISCHARGE PIPE AND FORMWORK, THEY SHALL BE FILLED UP USING PUTTY BEFORE CONCRETING TO MAKE A SMOOTH CHANNEL.



DETAIL OF VOLUTE CHAMBER



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 UNSPECIFIED TOLERANCES.						
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 WHENEVER 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						
UDANGUDI TPS-1 CONCRETE VOLUTE PUMP						
			BHARAT HEAVY ELECTRICALS LTD. HYDERABAD			
DEPT. PUMPS			SCALE	WEIGHT (KGS)	REF. TO ASSY DRG.	ITEM NO.
CODE 410			N.T.S.	NA	-NA-	-NA-
TITLE					DRAWING NO.	
NEATLINES OF DISCHARGE CHANNEL					3 180 14 9 5215	
SHEET NO.					NO. OF SHEETS	

Sep 28 16:03 2019

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