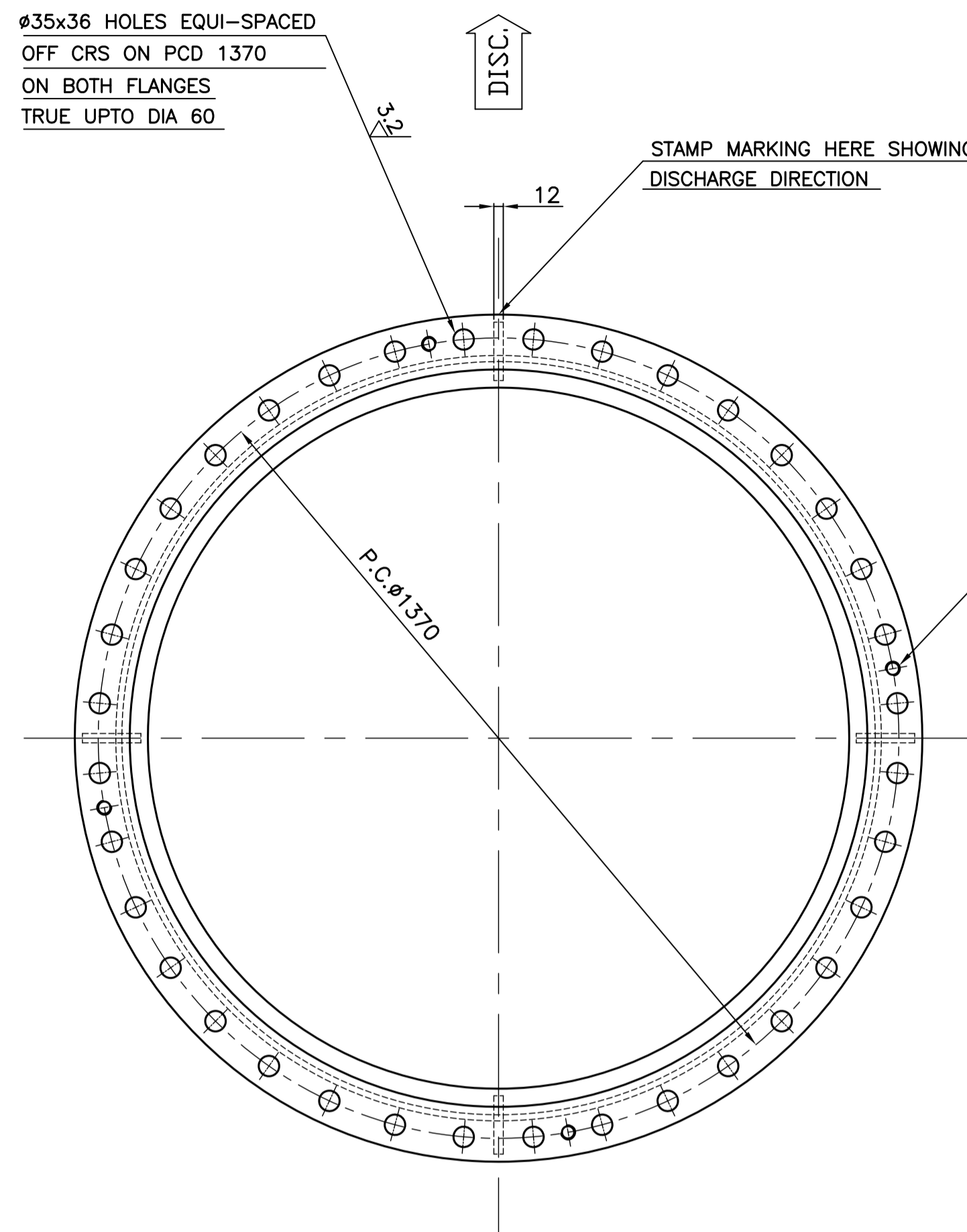
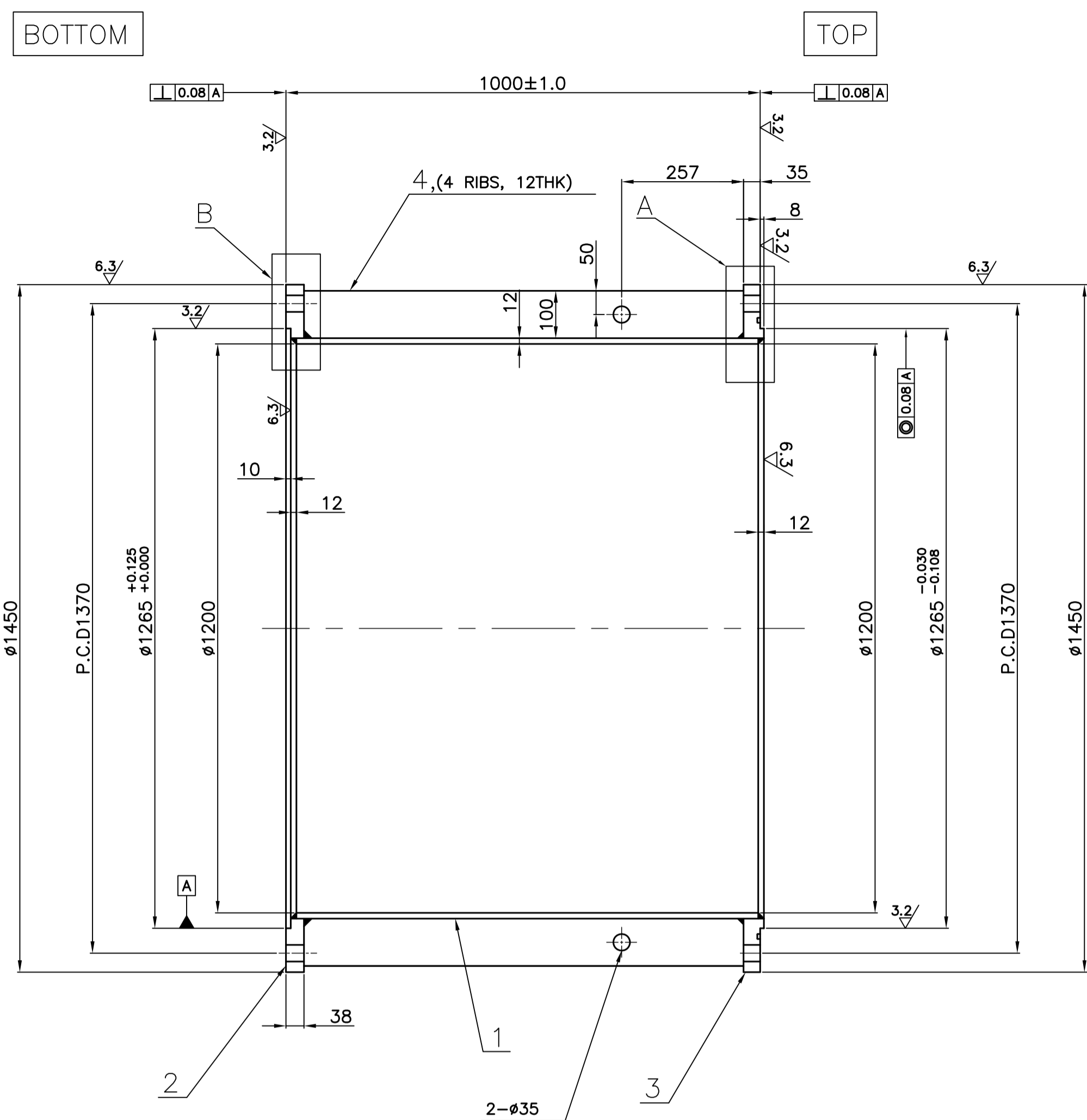
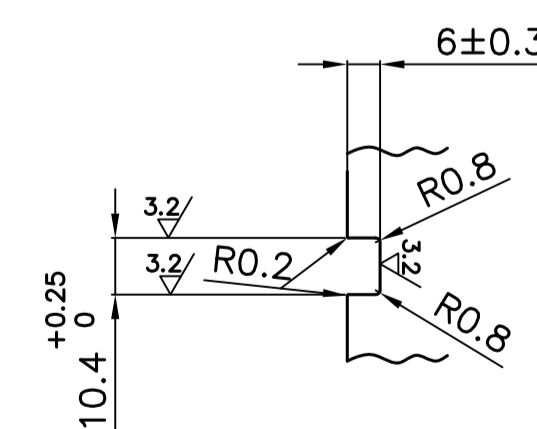
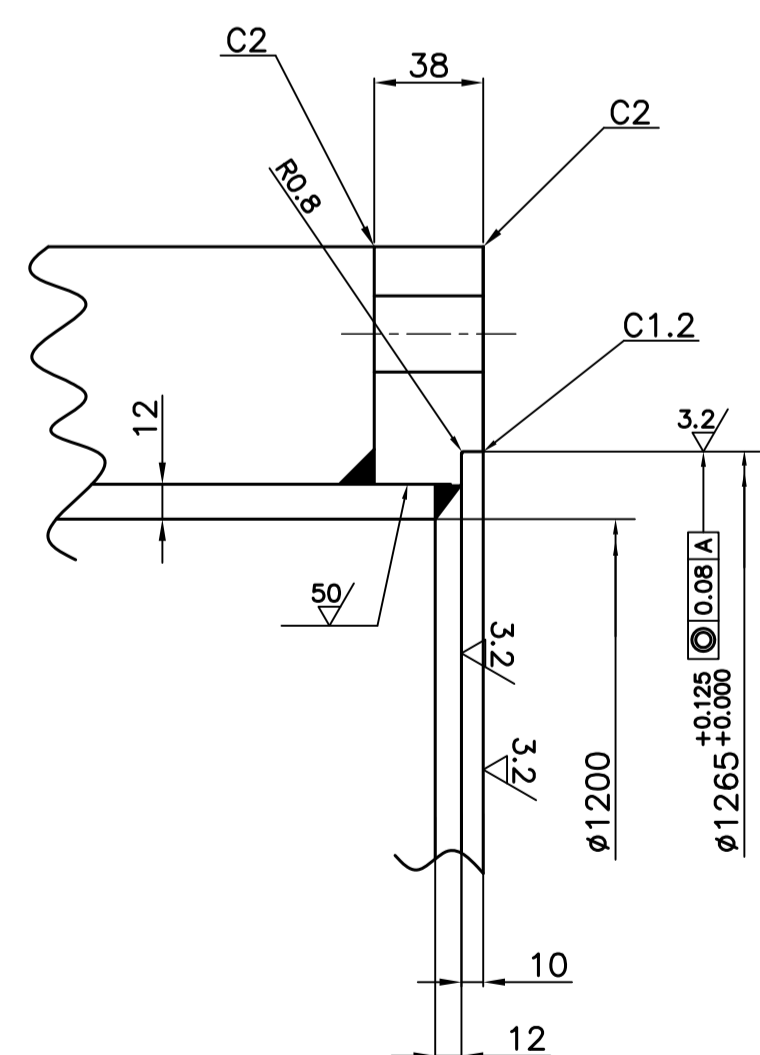
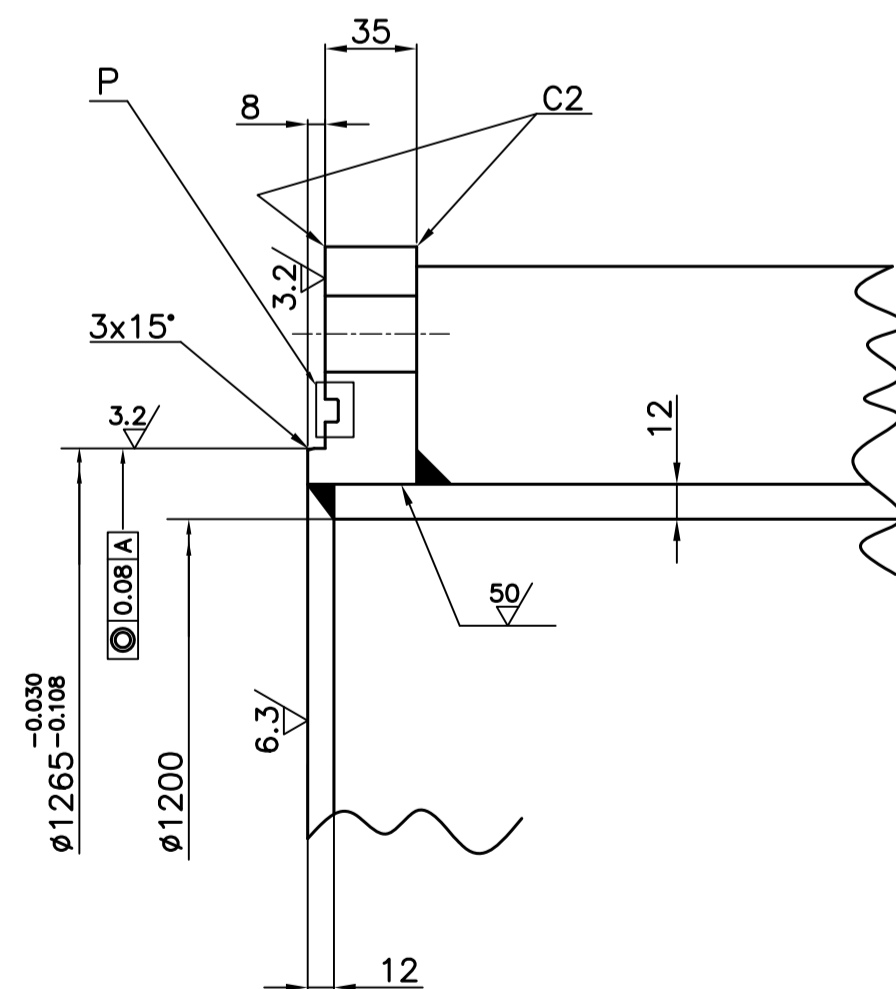
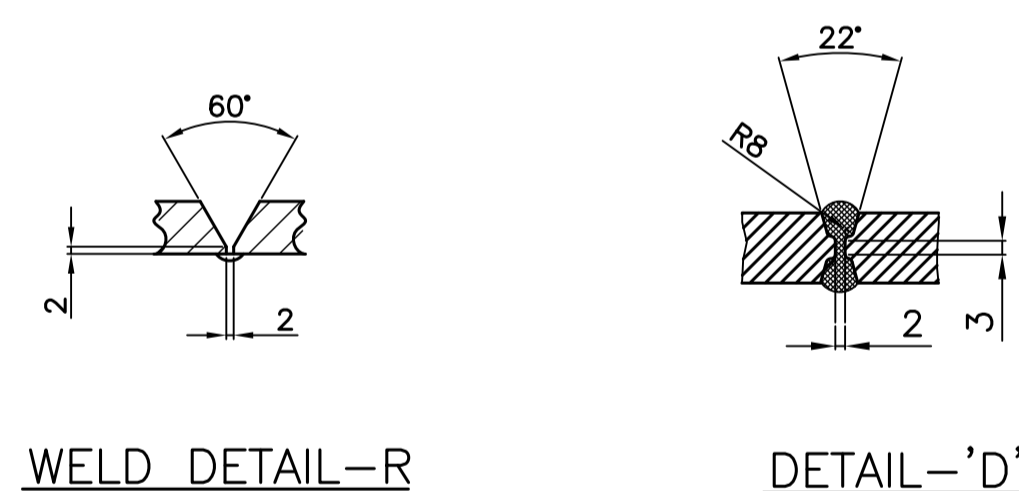


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NOTE-1

- 1) MECHANICAL AND CHEMICAL PROPERTIES REPORT SHALL BE SUBMITTED
- 2) FOR FLANGES POS.NOs 2&3; SEGMENTAL WELDING IS PERMITTED (MAXIMUM 4 SEGMENTS). SEGMENTS SHALL BE WELDED WITH DOUBLE 'U' TYPE WELDING AS SHOWN IN DETAIL 'D'.
- 3) FOR SHELL POS.No 1; MAXIMUM 1 NO VERTICAL WELD JOINT AS PER DETAIL-'R' IS PERMITTED.
- 4) FLANGES TO SHELL AND RIBS BE WELDED ALL ROUND THE CONTACT AREA TO 12 MM FILLET.
- 5) DIMENSIONS SHOWN IN THE FINISH MACHINED DRAWING ARE FINISH MACHINED DIMENSIONS.
- 6) WELDING AS PER BHEL WELD PROCEDURE SPECN NO. WE-042
- 7) D.P.T SHALL BE DONE ON 100 % OF WELDS AS PER AA0850131 ACCEPTANCE AS PER AA0850129 LEVEL-IV.
- 8) R.T TO BE CARRIED OUT ON ALL WELD JOINTS 100 % AS PER THE QUALIFICATION PROCEDURE-ASME SECTION VIII DIV I. UW 51. WPS, POR AND WELDER QUALIFICATION SHALL BE AS PER ASME SECTION -IX.
- 9) WHEREVER NOT SPECIFIED, ALL SHARP EDGES TO BE CHAMFERED TO 2x45°.
- 10) WHEREVER NOT SPECIFIED TOLERANCE ON MACHINED DIMENSIONS AS PER AA0230208 MEDIUM CLASS.
- 11) COMPONENT SHALL BE PRESSURE TESTED AT 5.5 Kg/Sq. Cm. FOR 30 MINUTES DURATION.
- 12) DIMENSIONAL INSPECTION REPORT.
- 13) MACHINED SURFACES SHALL NOT BE PAINTED.
- 14) MACHINED SURFACES SHALL BE COATED WITH SUITABLE RUST PREVENTIVE COAT AS PER HY0490563, CATEGORY 'B'
- 15) TO BE PROPERLY PACKED AND DESPATCHED SUCH THAT NO DAMAGE IS CAUSED DURING HANDLING AND TRANSIT.



MATERIAL: DUPLEX SS TO UNS 32750
PREN (%CR+3.3%Mo+16%N) > 38

01	ELEMENT-III	1 182 42 1 7014		FP9712035115	650	650
				DUPLEX SS 2205 TO UNS 32750	1	
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 RADI 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 OUTFALL PUMP			
BHARAT HEAVY ELECTRICALS LTD. HYDERABAD				BHARAT HEAVY ELECTRICALS LTD. HYDERABAD			
DRN.	SRINIVAS	SIGN.	SRINIVAS	DATE	26.10.21	NO.OF VAR.	
CHD.	SATISH	SIGN.	SATISH	DATE	26.10.21	NO.OF VAR.	
APPD.	MSRAM	SIGN.	MSRAM	DATE	26.10.21	NO.OF VAR.	
DEPT.	PUMPS ENGG.	SCALE	NA	WEIGHT (KG)	650	REF. TO ASSY DRG.	ITEM NO.
CODE	410					NA	NA
TITLE				DRAWING NO.			
ELEMENT-III				1 182 42 1 7014			
				SHEET NO.			
				NO OF SHEETS			

REV.	DATE	ALTERED	APPD.	REV.	DATE	ALTERED	APPD.	REV.	DATE	ALTERED	APPD.	REV.	DATE	ALTERED	APPD.	REV.	DATE	ALTERED	APPD.
ZONE		CHECKED		ZONE		CHECKED		ZONE		CHECKED		ZONE		CHECKED		ZONE		CHECKED	