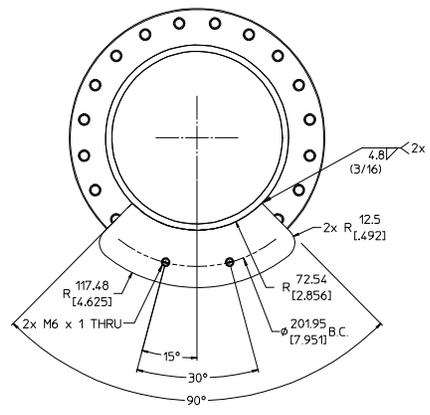
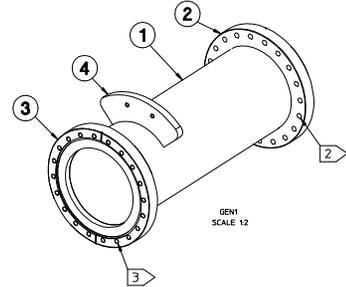


Section A-A



(ONE FLANGE REMOVED FOR CLARITY)

NOTES (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS ARE IN MILLIMETERS. (DIMENSION IN PARENTHESIS ARE IN INCHES).
2. ITEM 2 (FLANGE) TO HAVE 8.4mm THROUGH HOLES
3. ITEM 3 (FLANGE) TO HAVE M8 x 1.25 TAPPED HOLES
4. ALL WELD SYMBOLS PER ANSI/AWS/A2.4-1993.
5. WELDS PER ANSI/AWS/D1.1-1990.
6. ALL DIMENSIONS APPLY AFTER WELDING.
7. PROTECT CONFLAT FLANGE KNIFE EDGE AT ALL TIMES.
8. FINISHED ASSEMBLY TO BE VACUUM TIGHT. LEAK RATE LESS THAN 1 X 10⁻⁹ STD. ATM.- CC PER SECOND HELIUM.
9. THIS IS A VACUUM COMPONENT AND REQUIRES SPECIAL ATTENTION TO AVOID CONTAMINATION. REFER TO LBNL ENGINEERING SPECIFICATION #10156 BEFORE PERFORMING ANY FABRICATION PROCEDURES.
10. ALL HIDDEN LINES MAY NOT BE SHOWN.

REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION

REV	DESCRIPTION	DATE
1	PLATE, 304 STAINLESS STEEL	
2	FLANGE, 304 STAINLESS STEEL, 10.16mm THICKNESS	
3	FLANGE, 304 STAINLESS STEEL, 10.16mm THICKNESS	
4	FLANGE, 304 STAINLESS STEEL, 10.16mm THICKNESS	
5	FLANGE, 304 STAINLESS STEEL, 10.16mm THICKNESS	

UNLESS OTHERWISE SPECIFIED:	UNIT	SYMBOL	DESCRIPTION



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ENERGY RESEARCH CENTER
LAWRENCE LIVERMORE NATIONAL LABORATORY

PROJECT: 29H024
REV: A