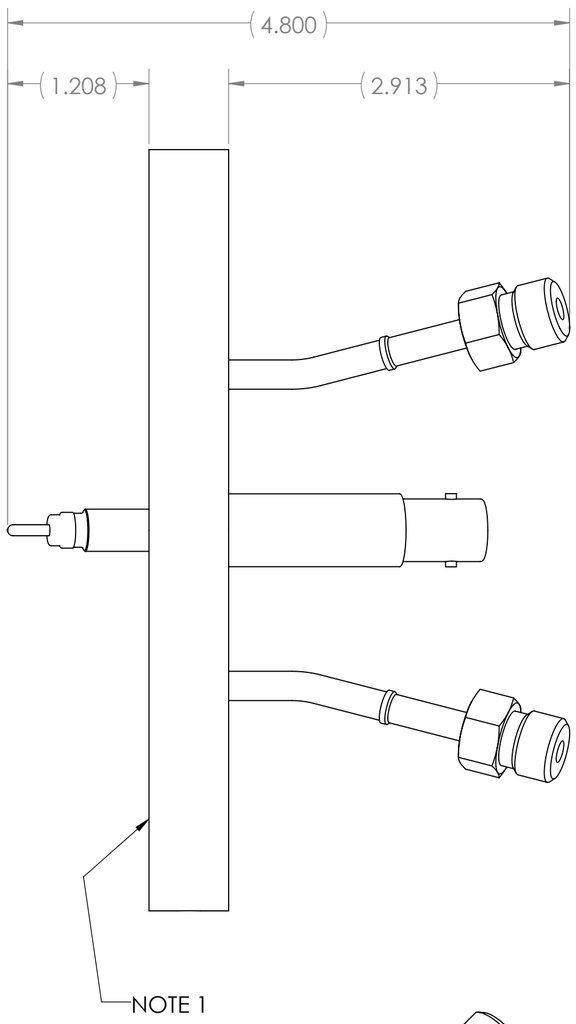
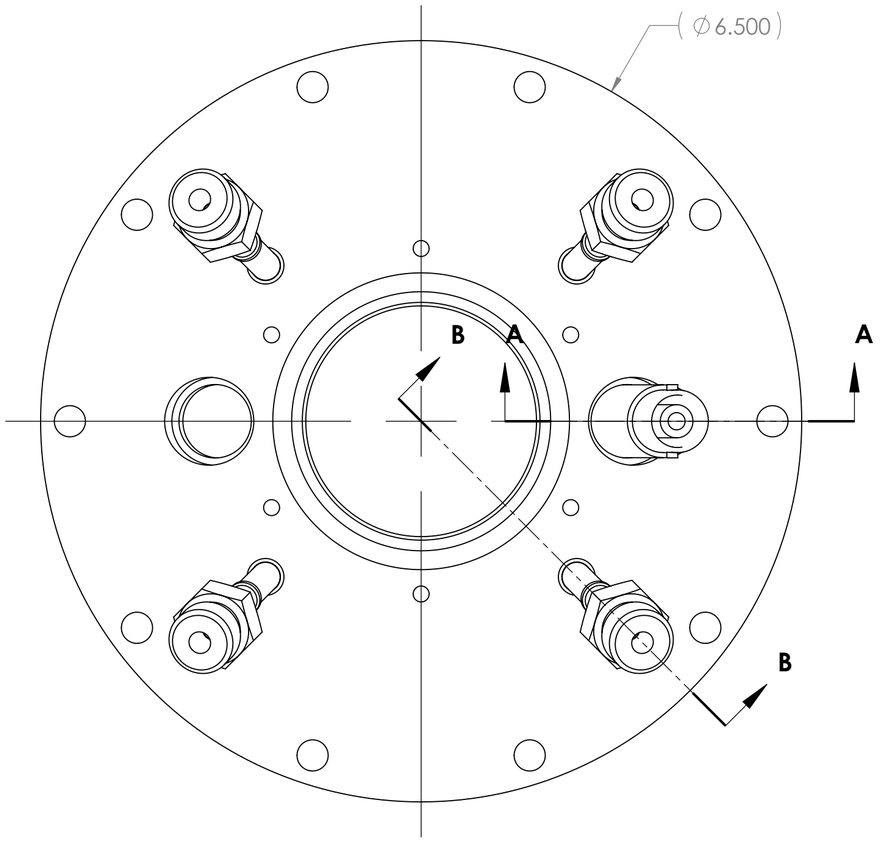
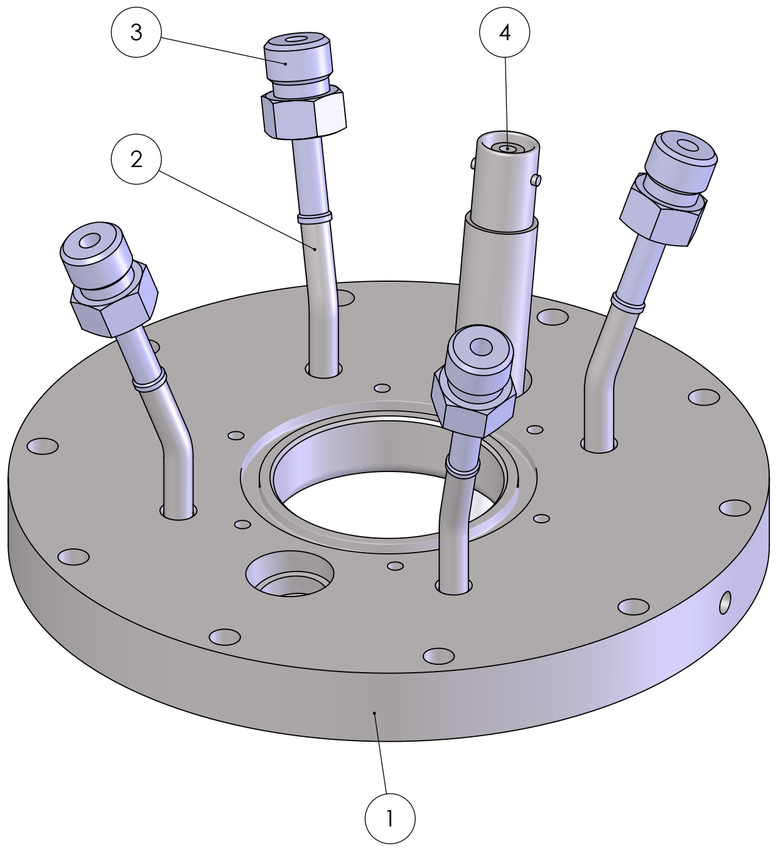
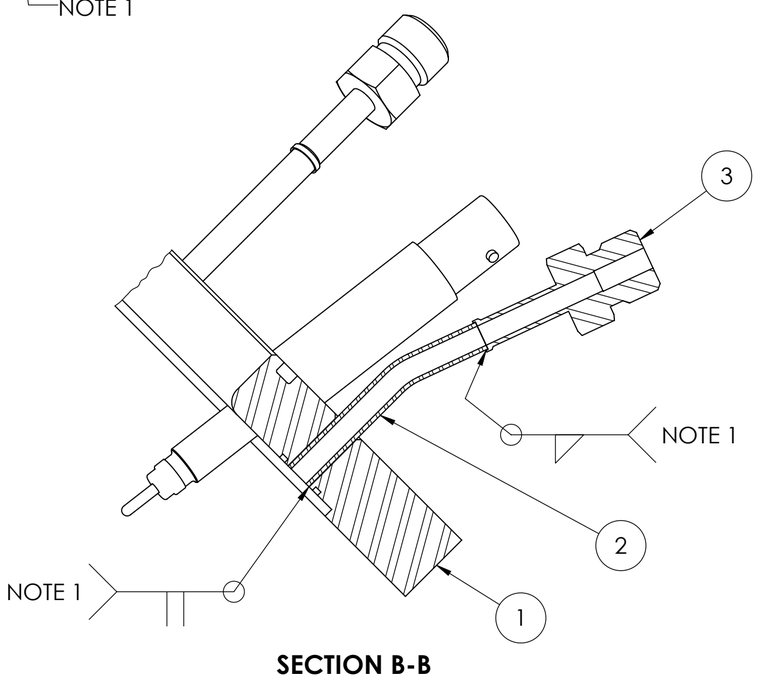
REVISIONS				
REV.	DESCRIPTION	MD WO #	DATE	BY
1	Released	W04047-002	10-MAY-2016	PMG

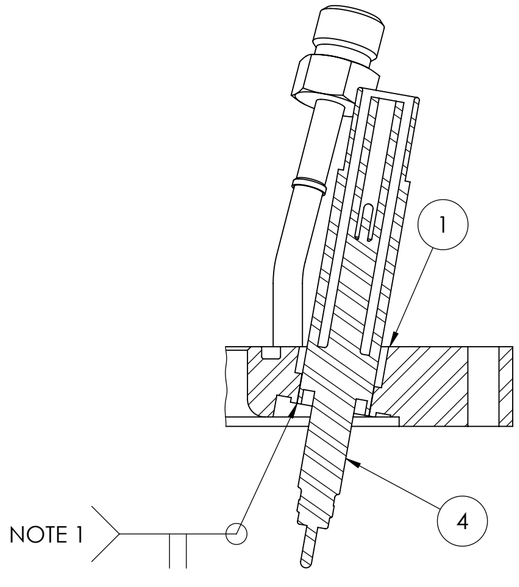








SECTION B-B



SECTION A-A

NOTE(S):

1. SEALING SURFACE - PROTECT FROM DAMAGE.

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	N3010217-MDE-0002-0026	HV Flange	AISI 304	1
2	N3010217-MDE-0002-0027	Bent Tube 'C'	AISI 304	4
3	Swagelok_316L-4-VCO-1A	VCO O-Ring Face Seal Body - automatic tube weld, 1/4" VCO x 1/4" O.D. tube	AISI 316L SS	4
4	SolidSealingTech-FA10321	Coaxial Electrical Feedthrough - 20 kV SHV, 16.5 A, grounded shield, weld mount	---	1

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N3010217-MDE-0002-0004

NEXT ASSEMBLY

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
BREAK ALL SHARP EDGES .02 MAX.
REMOVE ALL BURRS
30 Deg. CHAMFER ENDS ALL THREADS
MACHINE SURFACE FINISH 63

DO NOT SCALE DRAWING

Dimension Tolerances

1 Place Dec.	±.030
2 Place Dec.	±.010
3 Place Dec.	±.005
"Stock"	±.060
Angles	±.5°

SCALE 1:1

SIZE C

National Superconducting Cyclotron Laboratory
MICHIGAN STATE UNIVERSITY - East Lansing, Michigan

DRAWN BY GLENNON

DATE MAY 2016

MATERIAL WELDMENT

Project / System Reference
Proton Detector

DESCRIPTION
Upstream Feedthrough Flange

PART # **N3010217-MDE-0002-0005**

REV **1**