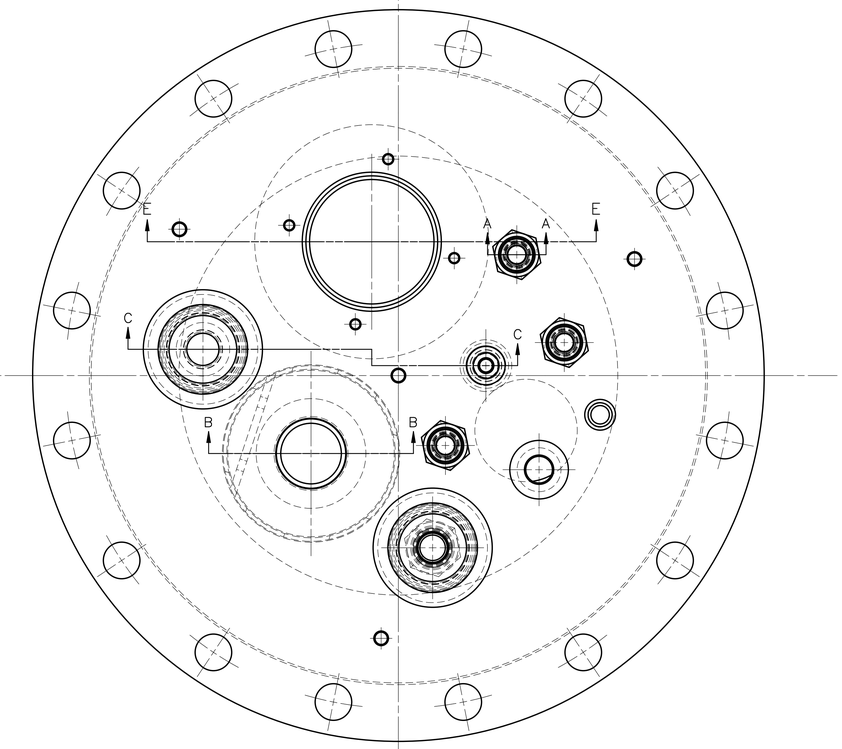
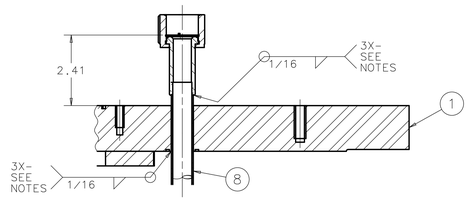
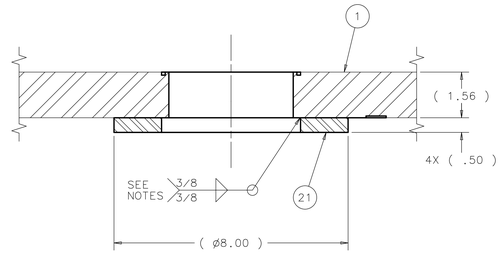
REV	DESCRIPTION	DRAWN / APPROVED	DATE
A	1. ADDED ITEMS 19,20 & 21; 2. ADDED SECTION E-E; 3. ADDED WELDS; 4. CHNGD. LENGTH ITEM 10, 2.50 WAS 2.25;DIM. 5.94 WAS 6.19; 5. CHANGED WELD SYMBOL	B.ELLISON	04-APR-2008
		H.CEASE	07-APR-2008
B	1. CHANGED DIM.; 5.69 WAS 5.94; ITEM 10 LGNTH, 2.75 WAS 2.50. 2. CHANGED WELD SYMBOLS.	B.ELLISON	09-APR-2008
		H.CEASE	09-APR-2008

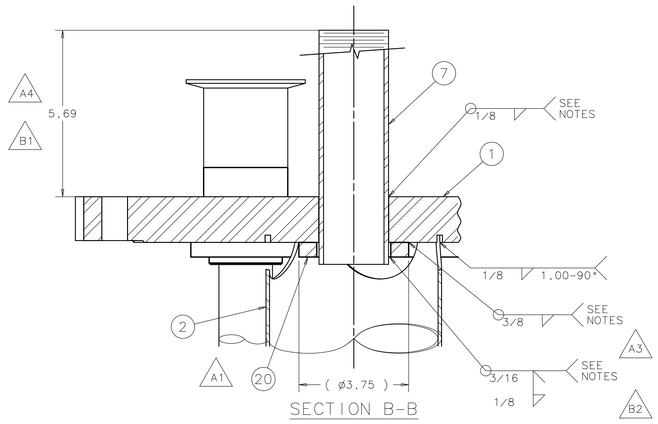




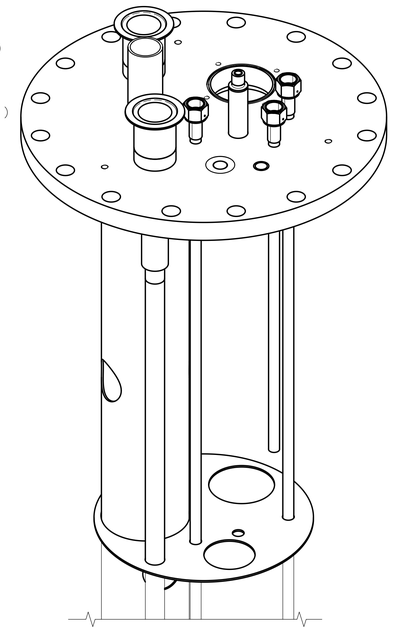
SECTION A-A



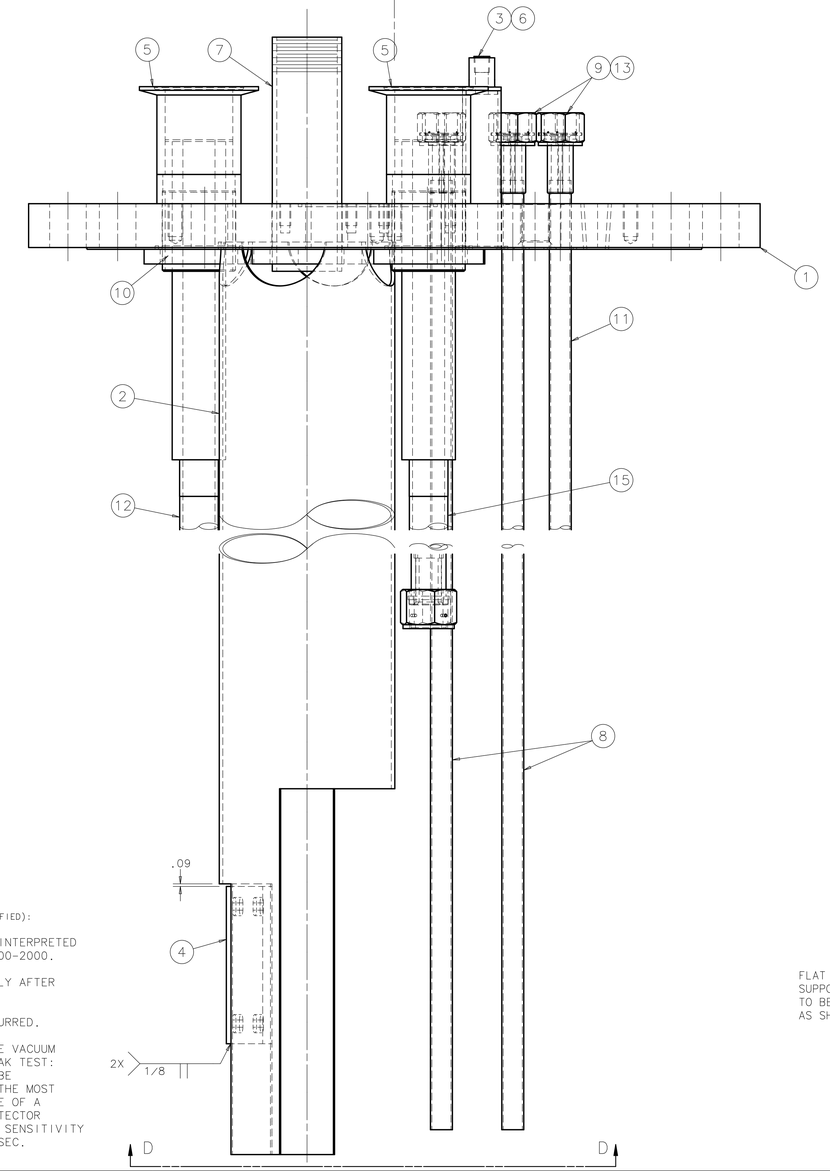
SECTION E-E
SCALE= 1:2 A2

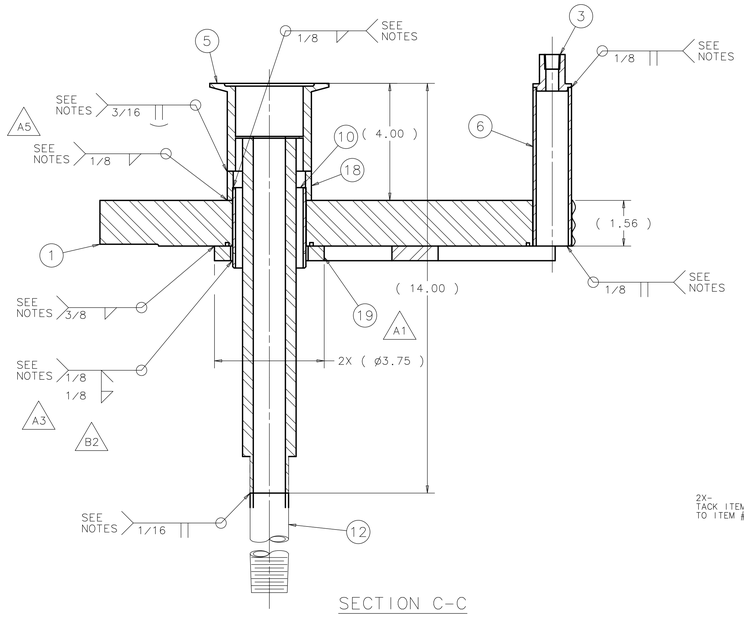


SECTION B-B

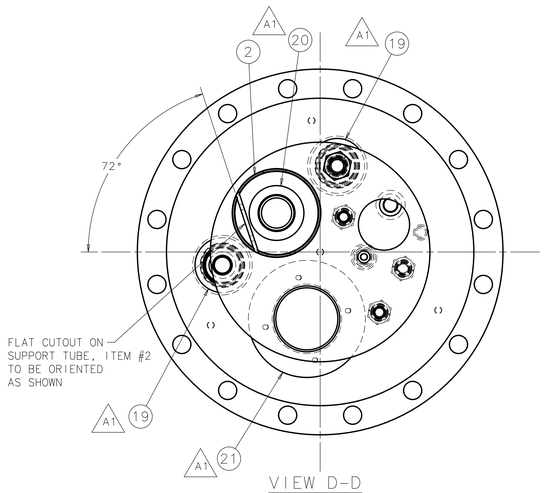


ISOMETRIC VIEW
SCALE= 1:4

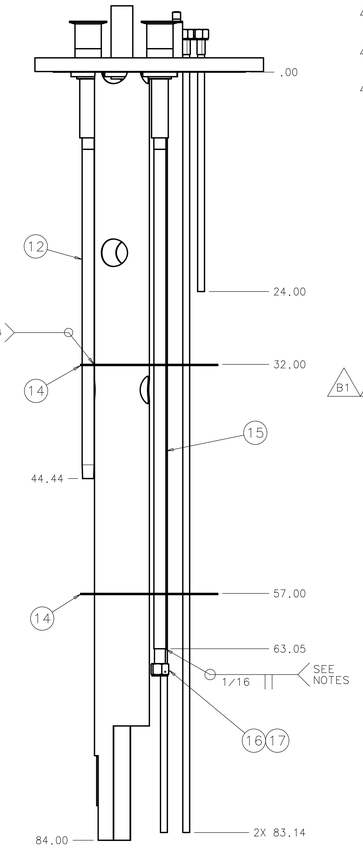




SECTION C-C



VIEW D-D
SCALE = 1:4



FRONT VIEW
SCALE: NONE

ITEM	PART NO.	DESCRIPTION OR SIZE	QTY.
A1 21	MB-436552	4.75 I.D. REINFORCEMENT PAD	1
A1 20	MB-436554	2.53 I.D. REINFORCEMENT PAD	1
A1 19	MB-436553	2.65 I.D. REINFORCEMENT PAD	2
18	MB-436542	BAYONET WELD BOSS COLLAR	2
17	SWAGELOK P/N SS-16-VCR-1	VCR FITTING, SWAGELOK FEMALE NUT, 1" VCR, 316SS	1
16	SWAGELOK P/N SS-16-VCR-3	VCR FITTING, SWAGELOK GLAND, 1" VCR, SOCKET WELD, 316L	1
15	COML.	PIPE, 1" NOM, SCH.10 x 54.62 LG., SST	1
14	MB-436431	SPACER	2
13	SWAGELOK P/N SS-12-VCR-1	VCR FITTING, SWAGELOK FEMALE NUT, 3/4" VCR, 316SS	3
12	COML.	PIPE, 1" NOM., SCH.10, SST x 36.00 LG., MPT @ ONE END	1
11	COML.	TUBING, ø3/4", #18 Ga. (.049) x 24.00 LG., SST	1
10	COML.	TUBE, ø2.50 OD x .120 WALL x 2.75 LG., 304 SST	2
9	SWAGELOK P/N SS-12-VCR-3	VCR FITTING, SWAGELOK GLAND, 3/4" VCR, SOCKET WELD, 316L	3
8	COML.	TUBING, ø3/4", #18 Ga. (.049) x 85.50 LG., SST	2
7	COML.	PIPE, 2" NOM., SCH.40 x 8.00 LG., SST, MPT @ ONE END ON OUTSIDE	1
6	COML.	LVT VACUUM SHELL PIPE, ø1.00 x SCH.10 x 5.42 LG., 304 SST	1
5	PBF-10	PB FEMALE COUPLING, 1 x 2 1/2 BAYONET, 304 SST, PHPK TECH.	2
4	MB-436538	TRANSFER PUMP MOUNTING PLATE	1
3	MB-436434	TOP FLANGE STANDOFF	1
2	MC-436467	SUPPORT TUBE, ø6.00	1
1	MD-436428	TOP FLANGE	1

PARTS LIST

NOTES
(UNLESS OTHERWISE SPECIFIED):

1. DRAWING TO BE INTERPRETED PER ASME Y14.100-2000.
2. DIMENSIONS APPLY AFTER ALL FINISHING.
3. PART TO BE DEBURRED.
4. ALL WELDS TO BE VACUUM LEAK TIGHT. LEAK TEST: NO LEAK SHALL BE DETECTABLE ON THE MOST SENSITIVE SCALE OF A HELIUM LEAK DETECTOR WITH A MINIMUM SENSITIVITY OF 10^{-9} ATM.CC/SEC.

UNLESS OTHERWISE SPECIFIED	ORIGINATOR: H.CEASE — 31-JUL-2007
.XX ± .02 / .XXX ± --- / ANGLES ± 1°	DRAWN: P.POLL — 30-JAN-2008
	CHECKED: J.RAUCH — 26-FEB-2008
1. BREAK ALL SHARP EDGES .015 MAX. 2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON ASME Y14.5M-1994 4. MAX. ALL MACH. SURFACES 125 5. DRAWING UNITS: U.S. INCH	APPROVED: H.CEASE — 26-FEB-2008
	USED ON: ME-436426
	MATERIAL: SEE PARTS LIST ABOVE

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

DECAM/CCDS TEST VESSEL ASSEMBLY TEST VESSEL WELDMENT

SCALE	DRAWING NUMBER	SHEET	REV
1:1	4900.120-ME-436466	1 OF 1	B

CREATED WITH : Ideas12NXSeries | GROUP: PPD/MECHANICAL DEPARTMENT