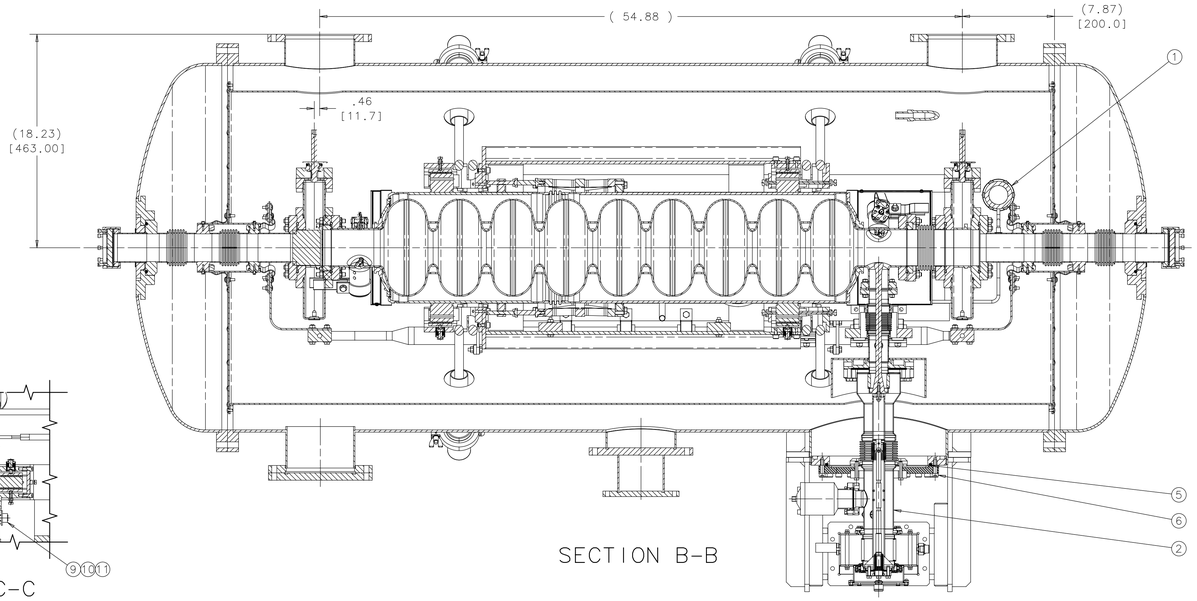
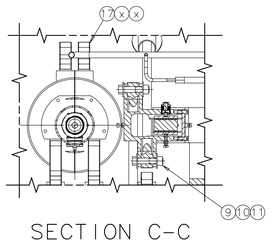
REV	DESCRIPTION	DRAWN	DATE
		APPROVED	DATE

NOTES (UNLESS OTHERWISE SPECIFIED):

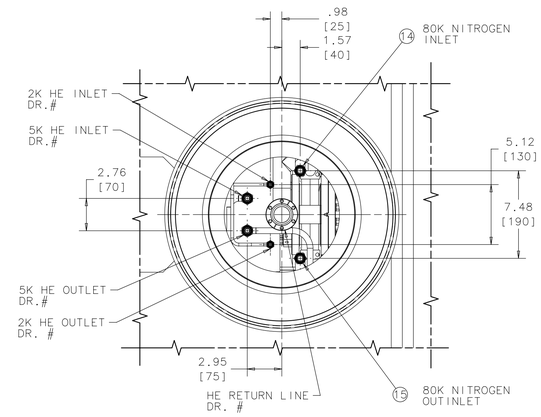
1. ALL DIMENSION, UNLESS SPECIFIED, ARE IN ROOM TEMPERATURE.
2. ASSEMBLY PER FERMILAB ENGINEERING SPECIFICATION: 5520.000-ES-
3. CLEAN ALL WELDEBLE SURFACES BEFORE WELDING.
4. MAINTAIN A DIRT&GREASE-FREE WORK ENVIROMENT, KEEPS ALL PARTS AND ASSEMBLIES FREE OF DIRT, OIL AND CHEEPS.
5. FABRICATE ALL PIPING CONNECTION PER ASME B31.3 NORMAL FLUID SEVICE.
6. SEALING SURFACES MUST BE FREE OF SCRATCHES AND NICKS WITH NO RADIAL SCORING.
7. ITEMS 14 & 15 SHALL BE BUT WELDED TO EXISTING 80K NITROGEN LINE.
8. ALL CONTINUES WELDS TO BE LEAK TIGHT. 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.
9. THE FOLLOWING DOCUMENTS SHALL BE SUPPLIED: (?)
   A.
   B.
   C.
   D.
10. PRESSURE TEST FOR 80K LINE(?)
11.
12.



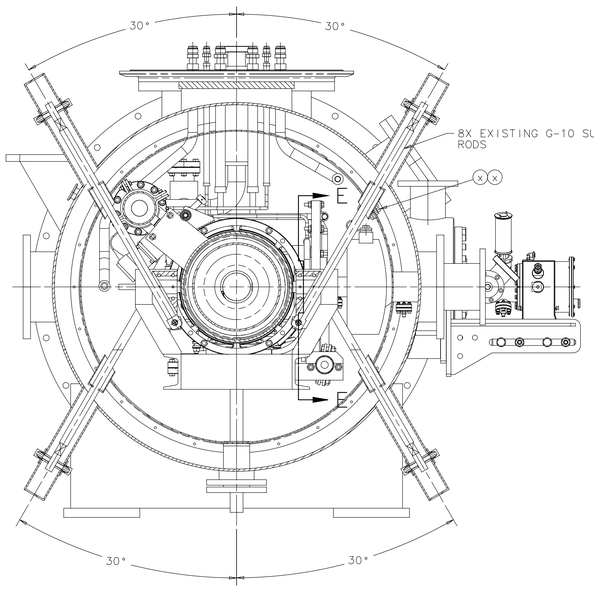
SECTION B-B



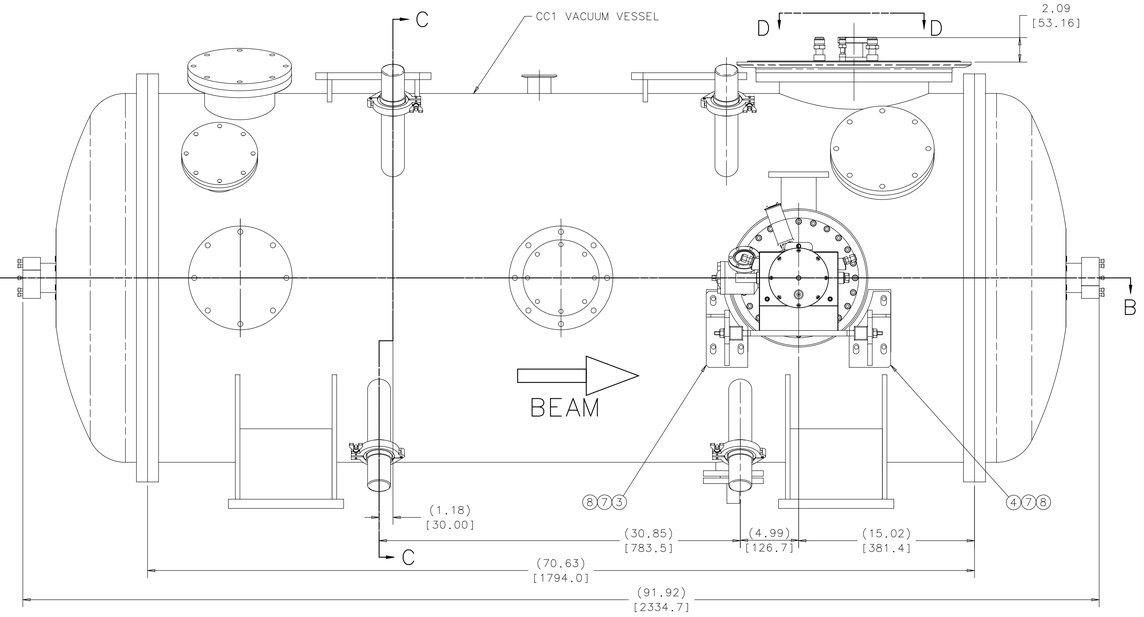
SECTION C-C

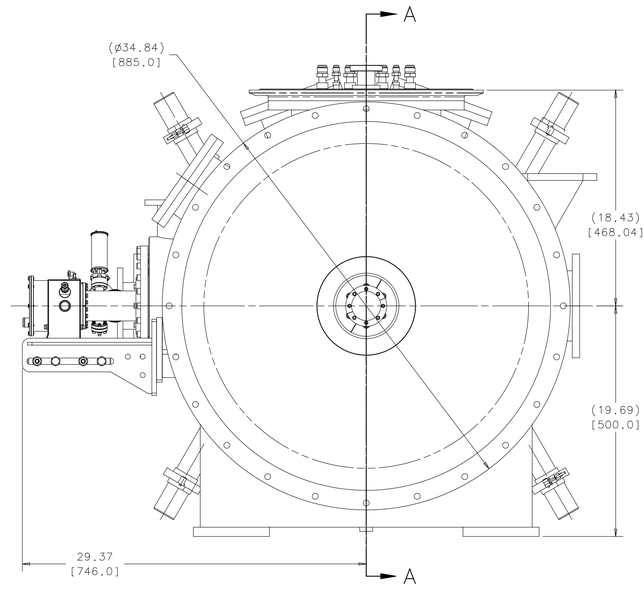


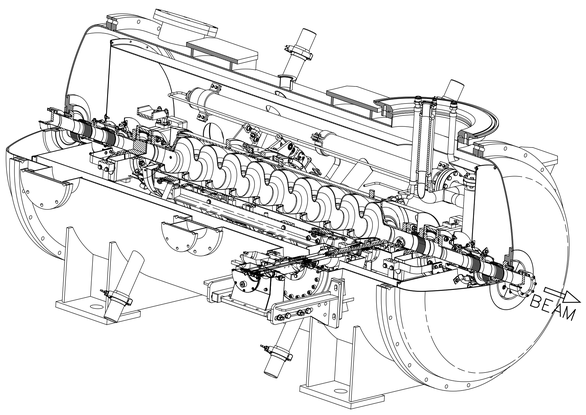
VIEW D-D

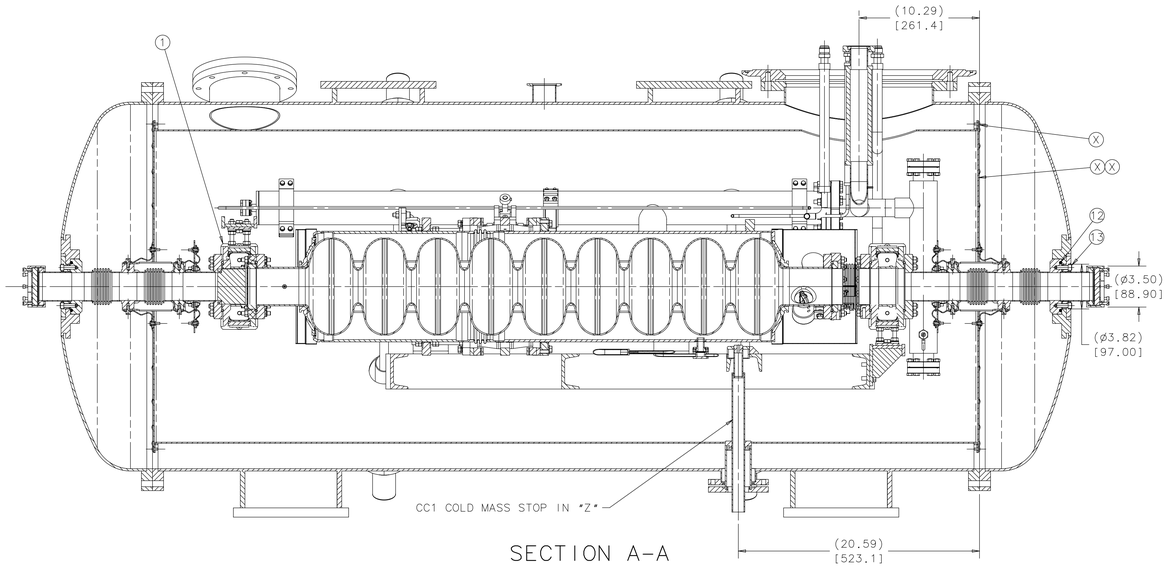


SECTION C-C









SECTION A-A

17		BRAID-80K TO MC ASSY	2
16		ENDCUP SHILD ASSY	2
15	COM'L	NOTE #12	1
14	COM'L	NOTE #11	1
13	COM'L	SHCS 5/18-18X1.0 UNC, 316SS	12
12	COM'L	PARKER O-RING 2-344	2
11	COM'L	NUT 1/2-13, SILICONE BR.	8
10	COM'L	WASHER 1/2 REGULAR, 316SS	16
9	COM'L	HHCS 1/2-13X2.5, SS316	8
8	COM'L	WASHER M10, 18-8 SS	6
7	COM'L	HHCS M10-1.5X30, 18-8SS	6
6	COM'L	SHCS M8-1.25X25, 316SS	24
5	COM'L	PARKER O-RING 2-372	1
4	D737051	RIGHT MOUNTING BRACKET ASSY	1
3	D736181	LEFT MOUNTING BRACKET ASSY	1
2	0988356	TTF-EINKOPLER (WARM PART)	1
1		COLDMASS-CC1 ASSEMBLY	1

UNLESS OTHERWISE SPECIFIED	ORIGINATOR	Y. ORLOV	
± ± ±	DRAWN		
	CHECKED		
1. BREAK ALL SHARP EDGES MAX.	APPROVED		
2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON	USED ON		
4. MAX. ALL MACH. SURFACES	MATERIAL		
5. DRAWING UNITS:			

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

SCALE	DRAWING NUMBER	SHEET	REV
	. — —	1 OF 1	
CREATED WITH :		GROUP:	