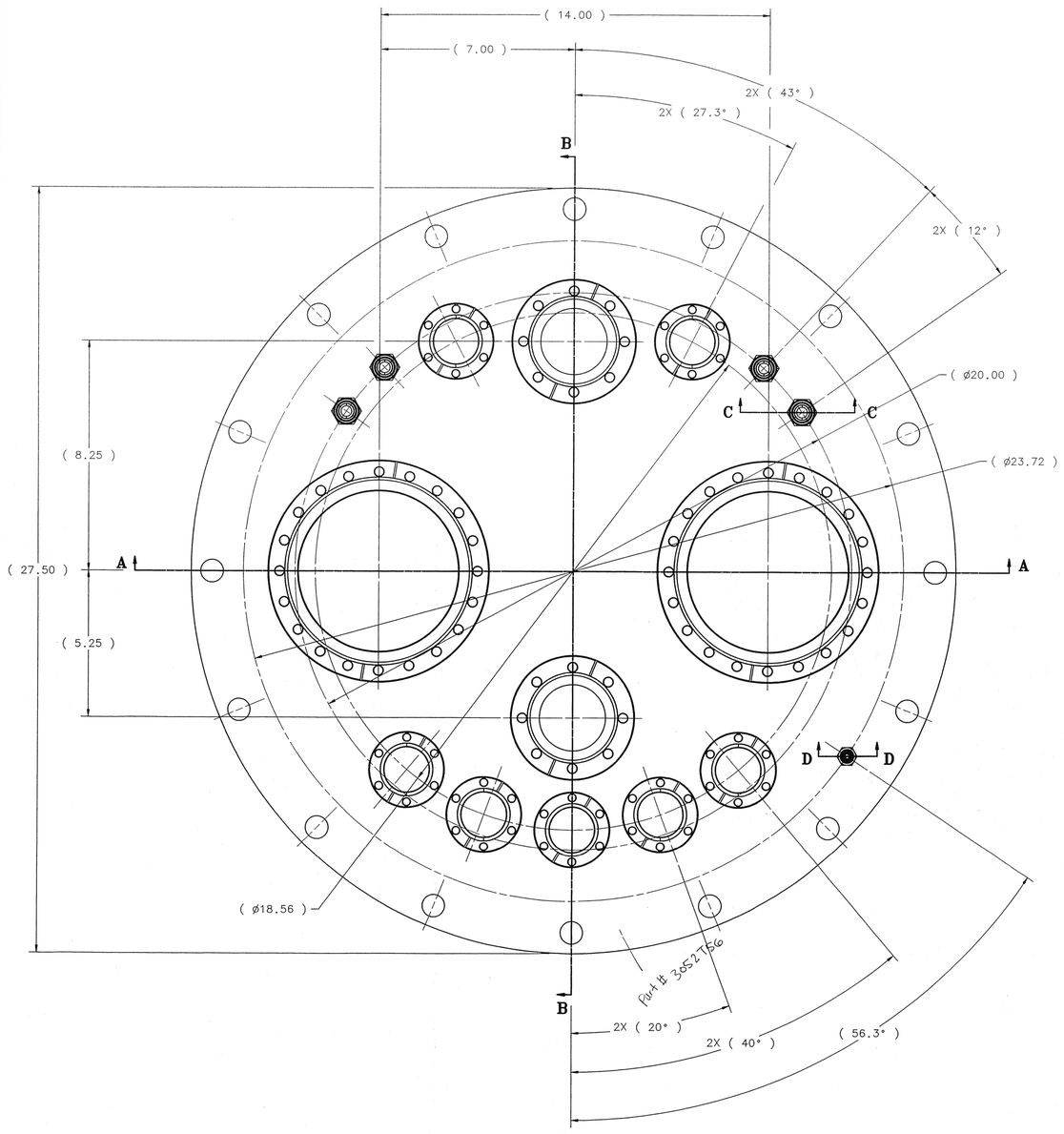
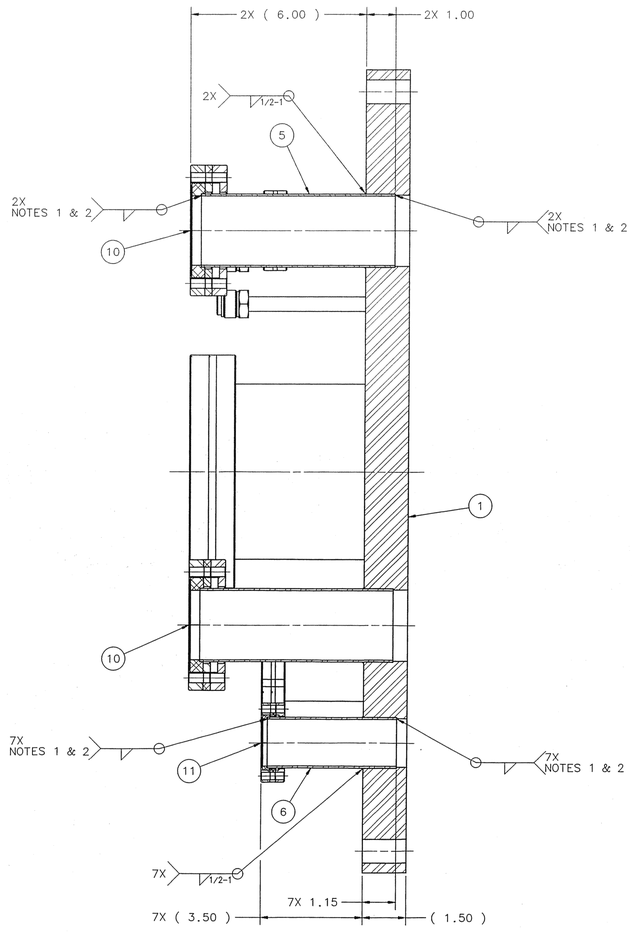
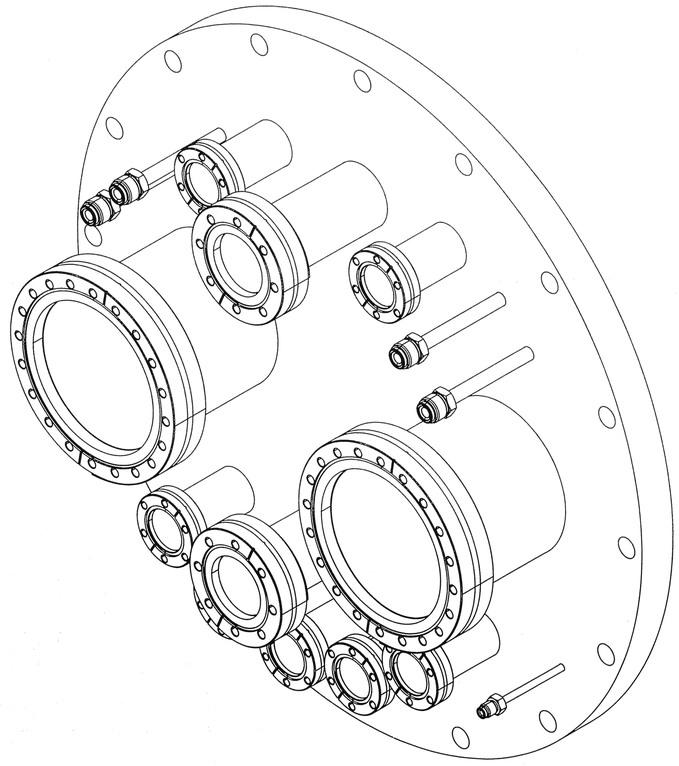
REV	DESCRIPTION	DRAWN	DATE
		APPROVED	DATE

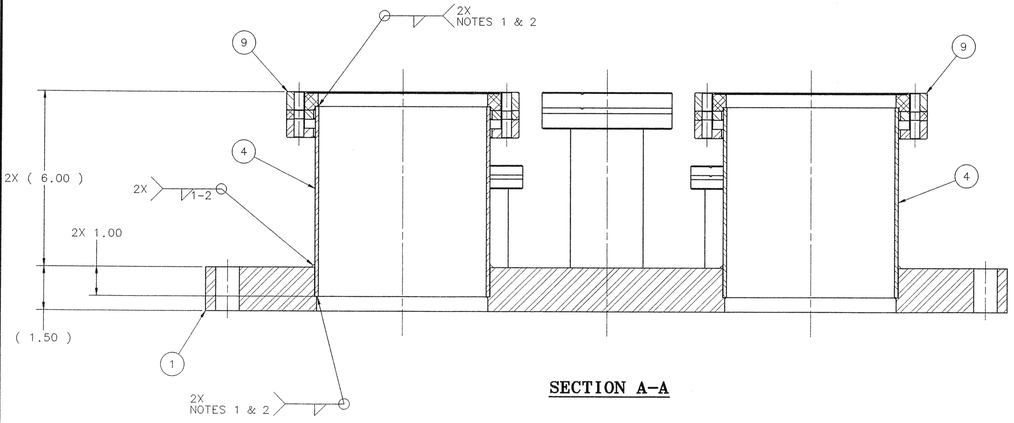




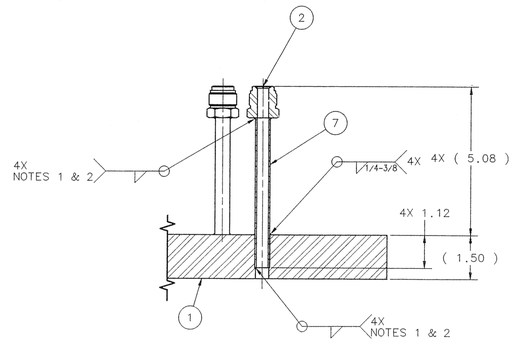
SECTION B-B



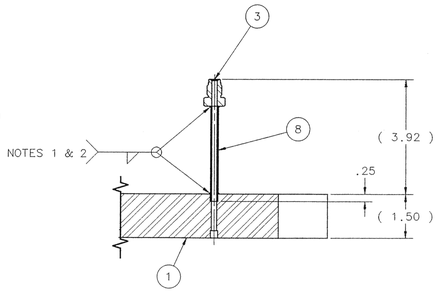
ISOMETRIC VIEW



SECTION A-A



SECTION C-C



SECTION D-D

NOTES: 1) ALL WELDS TO BE VACUUM LEAK TIGHT.
2) 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.

ITEM	PART NO.	DESCRIPTION OR SIZE	QTY.
11	100043	DELSEAL ROTATABLE FLANGE;2-3/4 O.D. X 1.760 I.D.; THRU HOLES;304 STN. STL.;MDC VACUUM PRODUCTS	7
10	100021	DELSEAL ROTATABLE FLANGE;4-1/2 O.D. X 2.510 I.D.; THRU HOLES;304 STN. STL.;MDC VACUUM PRODUCTS	2
9	100031	DELSEAL ROTATABLE FLANGE;8 O.D. X 6.020 I.D.; THRU HOLES;304 STN. STL.;MDC VACUUM PRODUCTS	2
8	COM'L.	TUBE;1/4 O.D. X .035 WALL X 3.25 LG.; 304 STAINLESS STEEL	1
7	COM'L.	TUBE;1/2 O.D. X .049 WALL X 5.13 LG.; 304 STAINLESS STEEL	4
6	COM'L.	TUBE;1-3/4 O.D. X .065 WALL X 4.44 LG.; 304 STAINLESS STEEL	7
5	COM'L.	TUBE;2-1/2 O.D. X .065 WALL X 6.63 LG.; 304 STAINLESS STEEL	2
4	COM'L.	TUBE;6 O.D. X .120 WALL X 6.50 LG.; 304 STAINLESS STEEL	2
3	MB-435485	MODIFIED 1/4" NPT PLUG	1
2	MB-435484	MODIFIED 1/2" NPT PLUG	4
1	ME-435481	DEWAR TOP PLATE	1

PARTS LIST

UNLESS OTHERWISE SPECIFIED			ORIGINATOR	T.TOPE	04-OCT-2005
.XX	.XXX	ANGLES	DRAWN	B.ELLISON	04-OCT-2005
± .05	± .***	± 1°	CHECKED		
			APPROVED		

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

USED ON: ME-435488

MATERIAL: SEE PARTS LIST ABOVE

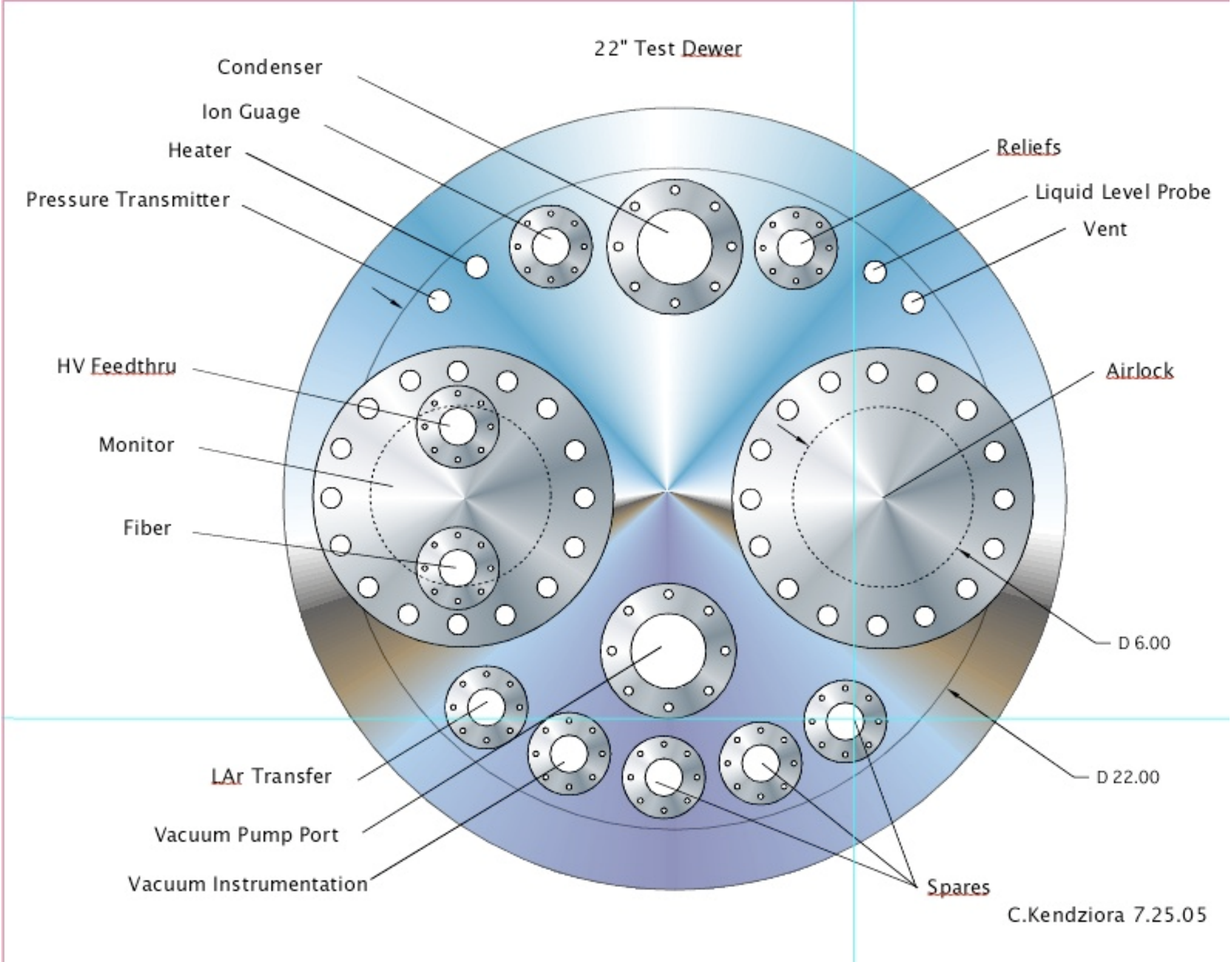
FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

FLARE-MECHANICAL CRYOGENIC DEWAR TOP PLATE WELDMENT

SCALE	DRAWING NUMBER	SHEET	REV
1:2	3942.320-ME-435483	1 OF 1	

CREATED WITH : Ideas11NXSeries | GROUP: PPD/MECHANICAL DEPARTMENT

OCT 2005 CHECKPRINT


22" Test Dewer
Condenser
Ion Guage
Heater
Pressure Transmitter
Reliefs
Liquid Level Probe
Vent
HV Feedthru
Monitor
Fiber
Airlock
D 6.00
D 22.00
LAr Transfer
Vacuum Pump Port
Vacuum Instrumentation
Spares
C.Kendziora 7.25.05