



DETAIL A  
SCALE 1:1

QTY	ITEM	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	NOTES
1	26	JL0037890	FARADAY CUP ASSEMBLY		
1	25	JL0008031	FARADAY CUP		
1	24	07720-0001	DIFFERENTIAL PUMP MODULE		
7	23	////////////////	STEERING MAGNET		
2	22	24100-0009 BH	BH HAIMSON CORRECTOR COIL 4.25 LG		
1	21	JL0037357	FEL-OF-BIT-17		
16	20	MCMaster-CARR 94895A029	1/4"-20 HEX NUT GRADE 8		
16	19	MCMaster-CARR 90770A029	1/4" X .625 OD X .050-70*THK FLAT WASHER		
16	18	MCMaster-CARR 92185A548	1/4"-20 X 1.75" LG SHCS		
5	17	RF600X462	6" TO 4.625" ZERO LENGTH REDUCER		
3	16	JL0036497	CAPACI TORR D2000 CF150		
1	15	JL0025351	MFH SOLENOID SPOOL ASSEMBLY		
2	14	JL0036459	SOLENOID 1 MOUNT ASSEMBLY		
3	13	FEL-OF-BT-09	CAPACITORR D2000 CUSTOM BODY		
3	12	JL0036496	GAMA VACUUM ION PUMP 45S-XX-4D-XX		
3	11	FEL-DIA-BV-01	VIEWER ASSEMBLY, BEAMLINE		
2	10	VAT 48236-CE01	VAT 48236-CE01 VALVE		
4	9	MCMaster-CARR 60585K38	LINEAR BEARING FOR T-SLOTTED FRAME 2"W X 4"L		
1	8	JL0037455	LDRD CRADLE ASSEMBLY		
1	7	JL0034767-2	NEW VENDOR LDRD COIL		
1	6	JL0035702	LDRD HV CHAMBER		
1	5	JL0029142	GTS PREP CHAMBER ASSY		
1	4	JL0037873	VA BEAMLINE SUPPORT SECTION-2		
1	3	JL0035103	VA BEAMLINE SUPPORT SECTION-1		
1	2	JL0035209	LDRD MAGNET CRADLE SUPPORT STAND		
1	1	JL0034657	HVC TABLE		

EACH SHEET OF MULTI-SHEET DRAWINGS SHALL ALWAYS HAVE THE SAME REVISION LEVEL.

UNIT & TOL PER ASME Y14.5 2009. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE FRACTIONS DECIMAL ANGLES ± 1/8 ± .01 ± .50°

THIRD ANGLE PROJECTION

FINISH UNLESS OTHERWISE NOTED SURFACES DEBUR & BREAK ALL SHARP EDGES

DO NOT SCALE DRAWING

DATE 19JULY16

SCALE 1:8

USED ON ASSY NO. N/A

SHEET 1 OF 1

SEE PARTS LIST

United States Department of Energy  
**Jefferson Lab**  
Thomas Jefferson National Accelerator Facility

JLEIC  
MAGNETIZED BUNCHED ELECTRON COOLER  
MAGNETIZED GUN LDRD  
MAGNETIZED BEAM LDRD ASSY

SIZE DWG. NO. JL0038343