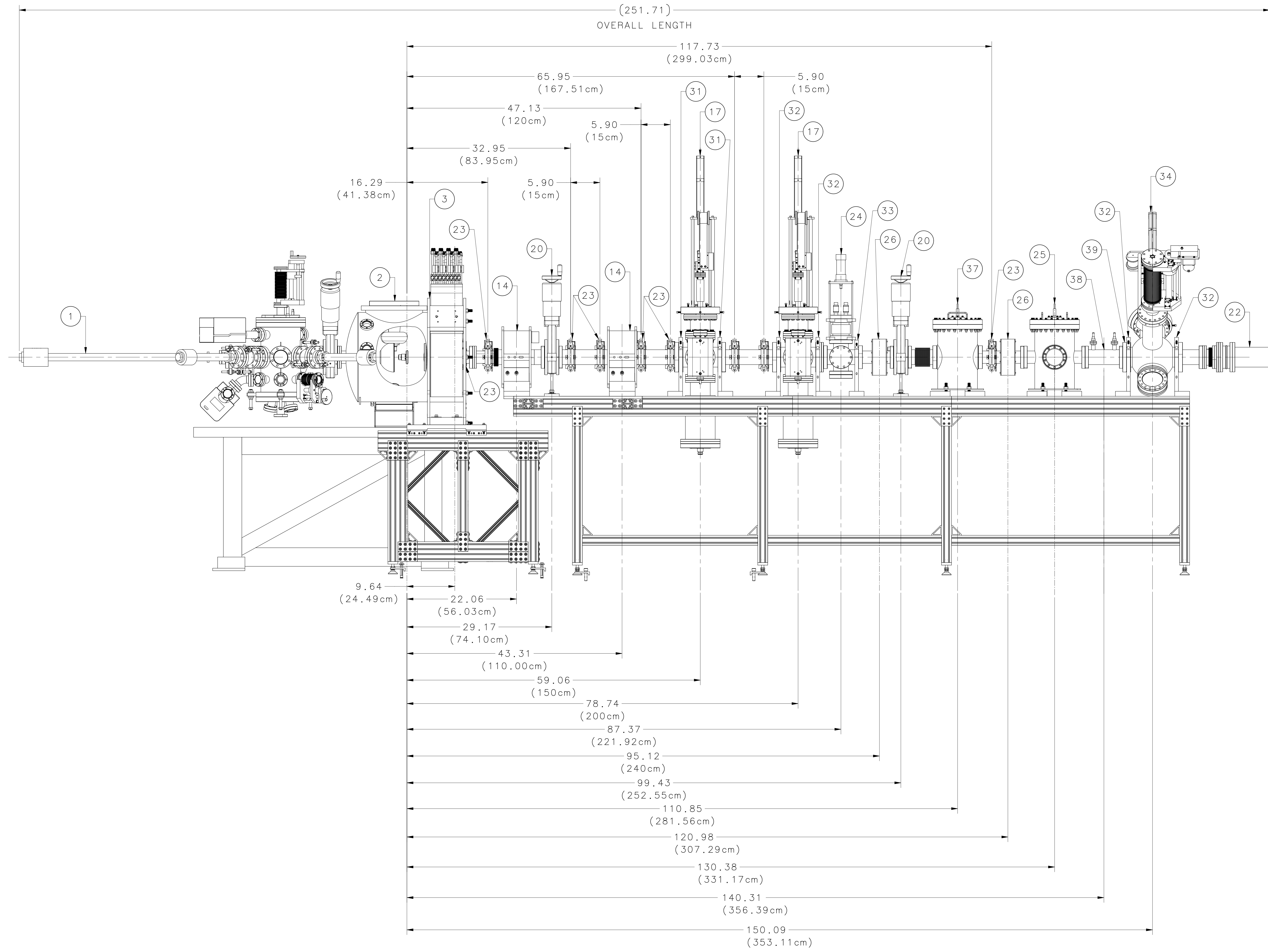
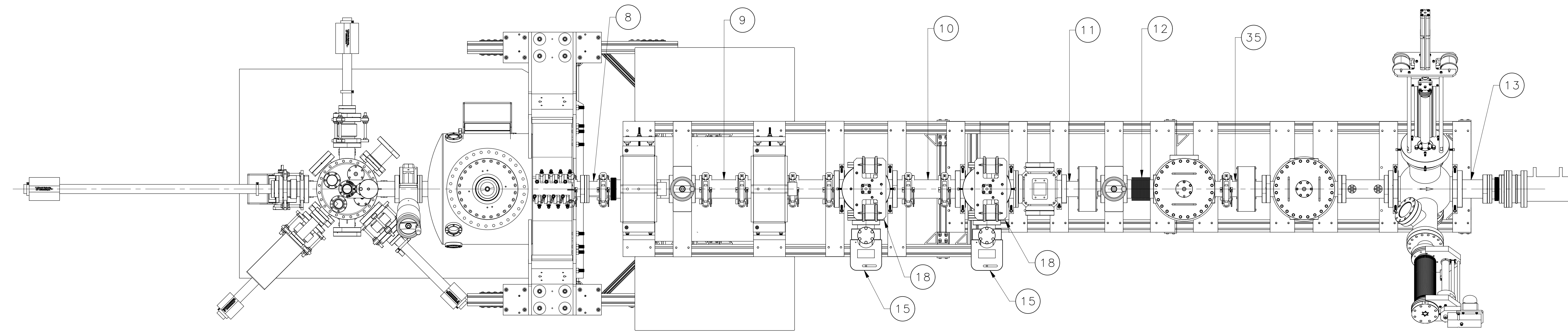


PRELIMINARY DRAWING
11/08/16



1	39	MDC 150018	6.00 TO 4.50 ZERO REDUCER FLANGE		
1	38	22861-0005	PRECIPITATOR ASSEMBLY		
1	37	07720-0001	DIFFERENTIAL PUMP MODULE		
1	36	JL0040960	VA BEAMLINE SUPPORT SECTION-3		
1	35	JL0041147	SPOOL 2.50 DIA 4.62 R X 4.62 NR		
1	34	JL0040968	WIRE SCANNER		
1	33	JL0040539	NEW SUPPORT ASSEMBLY		
4	32	JL0040536	NEW DOUBLE CROSS SUPPORT ASSY		
2	31	FEL-0F-BT-02	CROSS SUPPORT ASSEMBLY		
16	30	MCMaster-CARR 90770A029	1/4" X .625 OD X .050-70*THK FLAT WASHER		
16	29	MCMaster-CARR 94895A029	1/4"-20 HEX NUT GRADE 8		
16	28	MCMaster-CARR 92185A548	1/4"-20 X 1.75" LG SHCS		
4	27	MCMaster-CARR 60585K38	LINEAR BEARING FOR T-SLOTTED FRAME 2"W X 4"L		
2	26	MAG0090039-0007 (MODIFIED)	(2.50" DIA BORE) FH BAKEABLE SOLENOID MAGNET		
1	25	39200-0219	INJECTOR MOD DIFF PUMP		
1	24	58432-D-0320	5 MEV FARADAY CUP ASSEMBLY		
9	23	RADIABEAM TECH STM-02-340-110-NUD	STEERING MAGNET		
1	22	JL0037890	DUMP ASSEMBLY		
2	21	FEL-0F-BT-09	CAPACITORR D2000 CUSTOM BODY		
2	20	VAT 48236-CE01	VAT 48236-CE01 VALVE		
1	19	JL0037357	FEL-0F-BT-17		
4	18	RF600X462	6" TO 4.625" ZERO LENGTH REDUCER		
2	17	FEL-DIA-BV-01	VIEWER ASSEMBLY, BEAMLINE		
2	16	JL0036497	CAPACIT TORR D2000 CF150		
2	15	JL0036496	GAMA VACUUM ION PUMP 45S-XX-4D-XX		
2	14	JL0036459	SOLENOID 1 MOUNT ASSEMBLY		
1	13	JL0039672	SPOOL 3.00 DIA 4.63 NR X 6.00 R		
1	12	JL0040302	4.50 X 4.62 FLANGE BELLOWS ASSY		
1	11	JL0039660	SPOOL 2.50 DIA 4.62 R X 4.50 NR		
1	10	JL0039388	SPOOL 3.00 DIA 6.00 R X 6.00 NR		
1	9	JL0037780	SPOOL 3.00 DIA 6.00 R X 4.50 NR		
1	8	JL0040278	TRANSITIONAL BELLOWS		
1	7	JL0037873	VA BEAMLINE SUPPORT SECTION-2		
1	6	JL0035103	VA BEAMLINE SUPPORT SECTION-1		
1	5	JL0035209	LDRD MAGNET CRADLE SUPPORT STAND		
1	4	JL0034657	HVC TABLE		
1	3	GROUPING-LDRD MAGNET AND STAND	GROUPING-LDRD MAGNET AND STAND		
1	2	JL0035702	LDRD HV CHAMBER		
1	1	JL0029142	GTS PREP CHAMBER ASSY		

QTY	ITEM	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	NOTES
PARTS LIST					
EACH SHEET OF MULTI-SHEET DRAWINGS SHALL ALWAYS HAVE THE SAME REVISION LEVEL.					
DIM & TOL PER ASME Y14.5 2009. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:					
FRACTIONS: X ± .005 ANGLES: XX ± .01					
THIRD ANGLE PROJECTION					
FINISH: UNLESS MACHINED SURFACES DEBURR & BREAK ALL SHARP EDGES.					
DO NOT SCALE DRAWING					
DRAWN: G.HAYS DATE: 19JULY16					
MATERIAL: SEE PARTS LIST					
United States Department of Energy Jefferson Lab Thomas Jefferson National Accelerator Facility Newport News, Virginia					
JLEIC MAGNETIZED BUNCHED ELECTRON COOLER MAGNETIZED GUN LDRD MAGNETIZED BEAM LDRD ASSY					
SIZE: E DWG. NO.: JL0038343					
SCALE: 1:8 (SEE DR ASSY NO.) SHEET 1 OF 1					