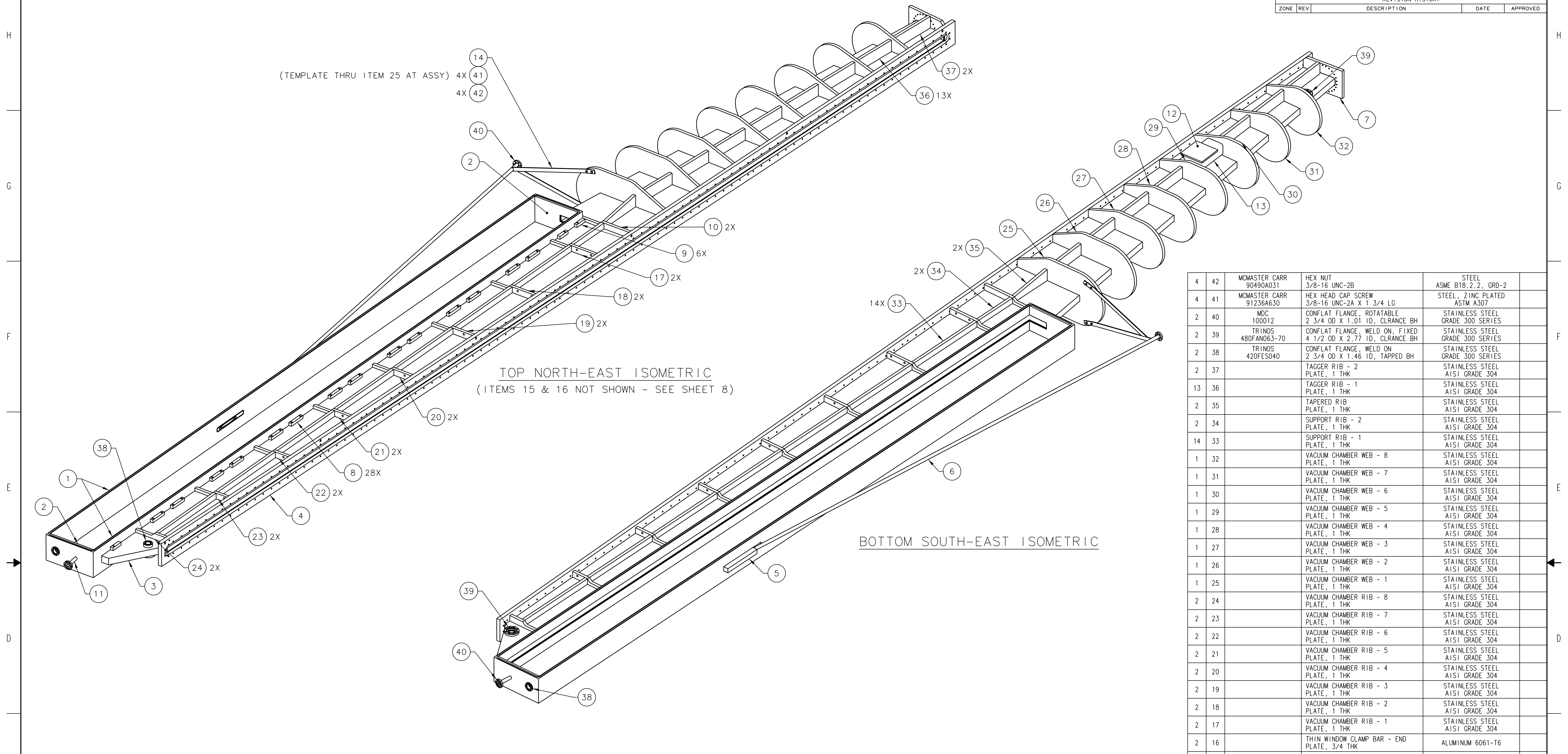


REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED



QTY	ITEM NO.	PART OR IDENTIFYING NO.	DESCRIPTION	MATERIAL	NOTES
4	42	MCMASTER CARR 9049A031	HEX NUT 3/8-16 UNC-2B	STEEL ASME B18.2.2, GRD-2	
4	41	MCMASTER CARR 91236A630	HEX HEAD CAP SCREW 3/8-16 UNC-2A X 1 3/4 LG	STEEL, ZINC PLATED ASTM A307	
2	40	MDC 100012	CONFLAT FLANGE, ROTATABLE 2 3/4 OD X 1.01 ID, CLRRANCE BH	STAINLESS STEEL GRADE 300 SERIES	
2	39	TRINOS 480FAN063-70	CONFLAT FLANGE, WELD ON, FIXED 4 1/2 OD X 2.77 ID, CLRRANCE BH	STAINLESS STEEL GRADE 300 SERIES	
2	38	TRINOS 420FES040	CONFLAT FLANGE, WELD ON 2 3/4 OD X 1.46 ID, TAPPED BH	STAINLESS STEEL GRADE 300 SERIES	
2	37		TAGGER RIB - 2 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
13	36		TAGGER RIB - 1 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
2	35		TAPERED RIB PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
2	34		SUPPORT RIB - 2 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
14	33		SUPPORT RIB - 1 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
1	32		VACUUM CHAMBER WEB - 8 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
1	31		VACUUM CHAMBER WEB - 7 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
1	30		VACUUM CHAMBER WEB - 6 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
1	29		VACUUM CHAMBER WEB - 5 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
1	28		VACUUM CHAMBER WEB - 4 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
1	27		VACUUM CHAMBER WEB - 3 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
1	26		VACUUM CHAMBER WEB - 2 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
1	25		VACUUM CHAMBER WEB - 1 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
2	24		VACUUM CHAMBER RIB - 8 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
2	23		VACUUM CHAMBER RIB - 7 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
2	22		VACUUM CHAMBER RIB - 6 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
2	21		VACUUM CHAMBER RIB - 5 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
2	20		VACUUM CHAMBER RIB - 4 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
2	19		VACUUM CHAMBER RIB - 3 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
2	18		VACUUM CHAMBER RIB - 2 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
2	17		VACUUM CHAMBER RIB - 1 PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
2	16		THIN WINDOW CLAMP BAR - END PLATE, 3/4 THK	ALUMINUM 6061-T6	
8	15		THIN WINDOW CLAMP BAR PLATE, 3/4 THK	ALUMINUM 6061-T6	
1	14		EXIT TUBE SUPPORT BAR FLAT BAR, 3/16 X 1 1/4	STAINLESS STEEL AISI GRADE 304	
1	13		VACUUM CHAMBER SUPPORT RECTANGULAR TUBING, 4 X 6 X 3/8	STAINLESS STEEL AISI GRADE 304	
1	12		VACUUM CHAMBER SUPPORT PAD PLATE, 1/2 THK	STAINLESS STEEL AISI GRADE 304	
1	11		UPSTREAM BEAM TUBE TUBING, 1 OD X .095 WALL	STAINLESS STEEL AISI GRADE 304	
2	10		VACUUM CHAMBER RIB - LONG PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
6	9		VAC CHMBR SPRT BLOCK - SINGLE PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
28	8		VAC CHMBR SUPPORT BLOCK - DUEL PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	
1	7		VACUUM CHAMBER END PLATE PLATE, 1 THK	STAINLESS STEEL AISI GRADE 304	6
1	6		BEAM TUBE EXIT SUB-ASSY TUBING, 1 OD X .095 WALL	STAINLESS STEEL AISI GRADE 304	
1	5		BEAM TUBE EXIT SUB-ASSY PLATE, 1 1/2 THK	STAINLESS STEEL AISI GRADE 304	
AR	4		VACUUM CHAMBER END FLANGE PLATE, 1 1/4 THK	STAINLESS STEEL AISI GRADE 304	5, 6
AR	3		CHAMBER WELDMNT SUB-ASSY PLATE, 1/4 THK	STAINLESS STEEL AISI GRADE 304	5, 6
AR	2		VACUUM CHAMBER BOX SUB-ASSY PLATE, 1/4 THK	STAINLESS STEEL AISI GRADE 304	6
AR	1		VACUUM CHAMBER BOX SUB-ASSY PLATE, 3/4 THK	STAINLESS STEEL AISI GRADE 304	5, 6

GENERAL NOTES:

- APPROXIMATE WEIGHT = 4224 LBS
- SEE STATEMENT OF WORK, SPECIFICATION NO D00000-19-00-S004 & D00000-19-00-S005 FOR ALL STANDARDS, SPECIFICATIONS, WELDING, INSPECTION AND CLEANING REQUIREMENTS, AS WELL AS DELIVERABLES INFORMATION.
- INFORMATION FOR JLAB PERSONNEL:
 - ALL WELDS ARE JLAB STRUCTURAL WELDS CLASSIFICATION B.
 - VACUUM VESSEL IS CLASSIFIED AS A CATEGORY I.
 - ALL ASSOCIATED DESIGN ANALYSIS DOCUMENTATION IS TO BE STORED AT: DOCUSHARE/FACILITIES/HALLD/DESIGN ANALYSIS/TAGGER MAGNET ANALYSIS/
- WHERE O-RING GROOVES ARE TO INTERSECT WELD SEAMS THAT ARE NOT FULL PENETRATION, EXCAVATE WELD SEAM TO DEPTH SHOWN IN SPECIFIED DETAIL, AND WELD FILL BACK IN TO SOLID METAL.
- WHERE MAKE FROM MATERIAL LIMITATIONS OCCUR, MULTI-PIECE CONSTRUCTION IS PERMISSIBLE. BUTT JOINTS JOINING PLATES TOGETHER SHOULD BE FULL PENETRATION WELDS.
- WHERE REFERENCED, PLATE THICKNESS MAY BE INCREASED TO FACILITATE POST-WELD MACHINING.
- STENCIL, ENGRAVE, OR ETCH ASSEMBLY DRAWING NUMBER AND WEIGHT AT THE APPROXIMATE LOCATION USING A MINIMUM OF 1/2" HIGH LETTERING.

FOR JLAB INTERNAL USE ONLY		DOCUMENT CONTROL STAMP	UNITED STATES DEPARTMENT OF ENERGY
ALL WELDS ON THIS DRAWING ARE AS DEFINED BY JLAB ES & H MANUAL CHAPTER 6122 App 16.		MATERIAL: SEE PARTS LIST	JEFFERSON LAB
WELD CLASS: B	WELD SPECIFICATION: AWS D1.6	FINISH: UNFINISHED SURFACES TO BE BREAK ALL SHARP EDGES	APPROVALS: DATE: 1/30/11
	WELD ANALYSIS: D00000-19-00-A001	DO NOT SCALE DRAWING	THIRD ANGLE PROJECTION
		EACH SHEET OF MULTI-SHEET DRAWINGS SHALL ALWAYS HAVE THE SAME REVISION LEVEL.	
		DRAWN BY: BATH	
		CHECKED: APPROVED: APPROVED:	
		HALL D-GLUEX PHOTON TAGGER TAGGER MAGNET & VACUUM CHAMBER TAGGER VACUUM CHAMBER-8.05 WELDMNT	
		SPEC DWG NO: B D00000-19-00-1013	
		SCALE: NOTED	