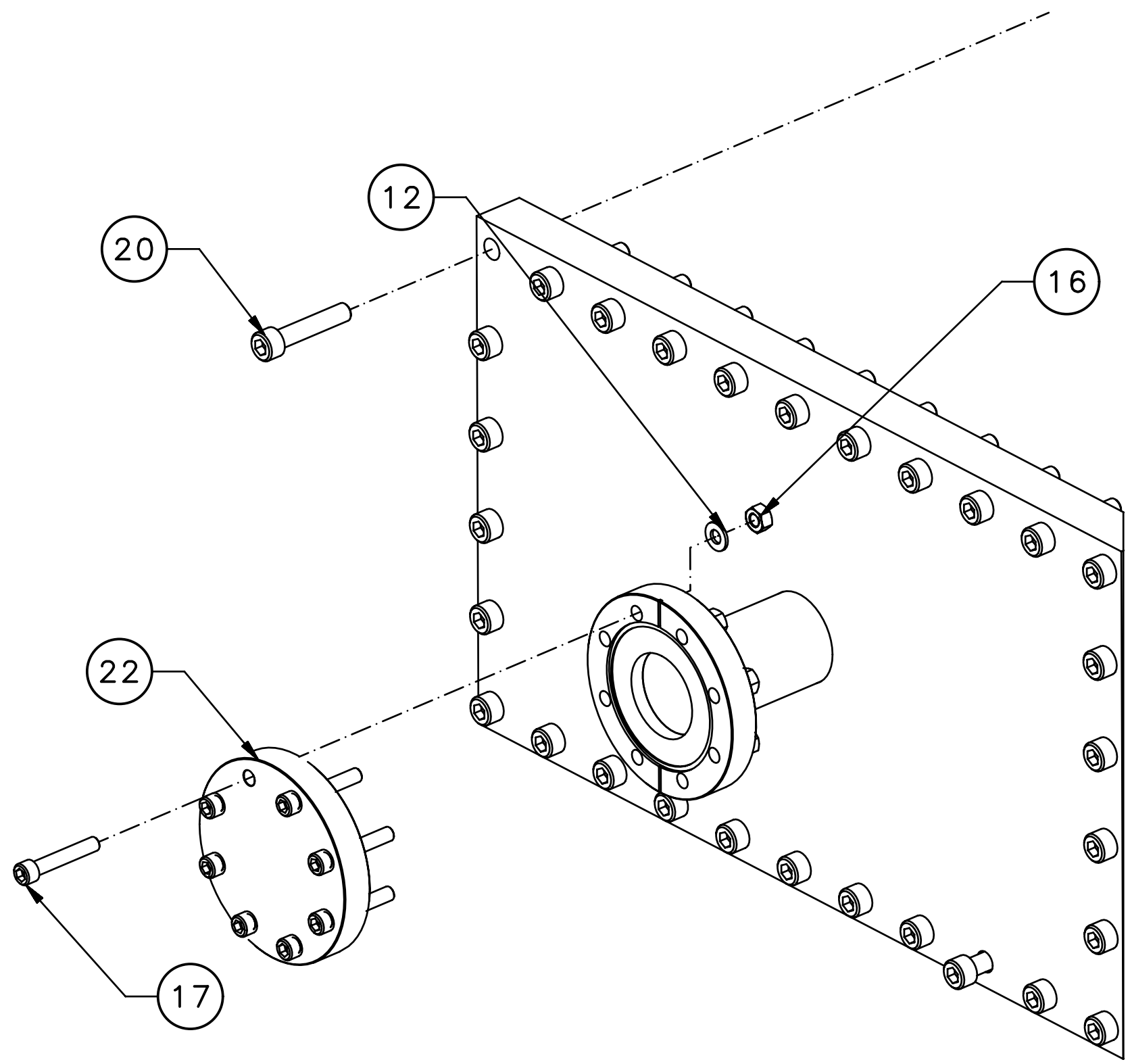
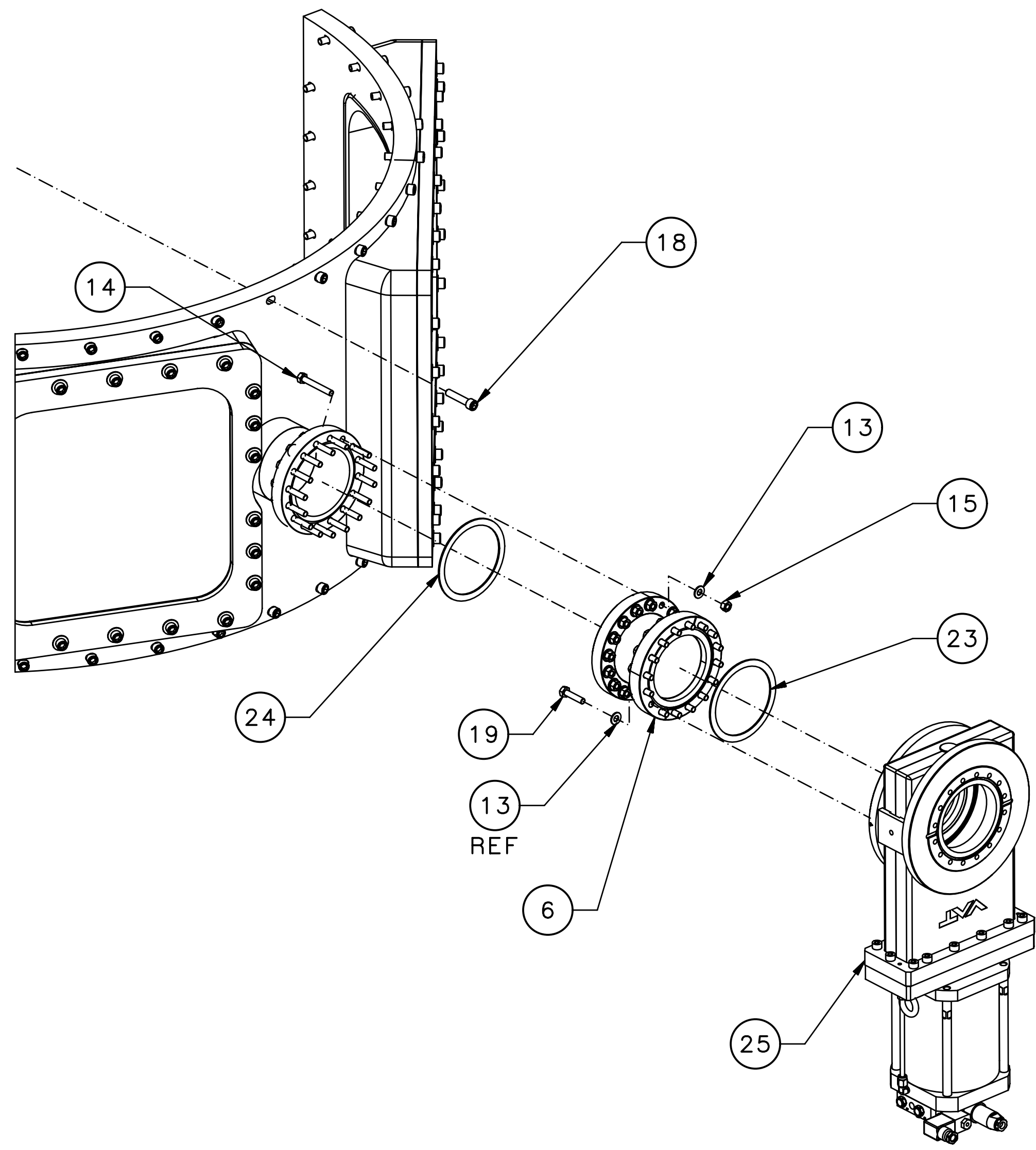




DETAIL VIEW 1-8F
SCALE 3:8

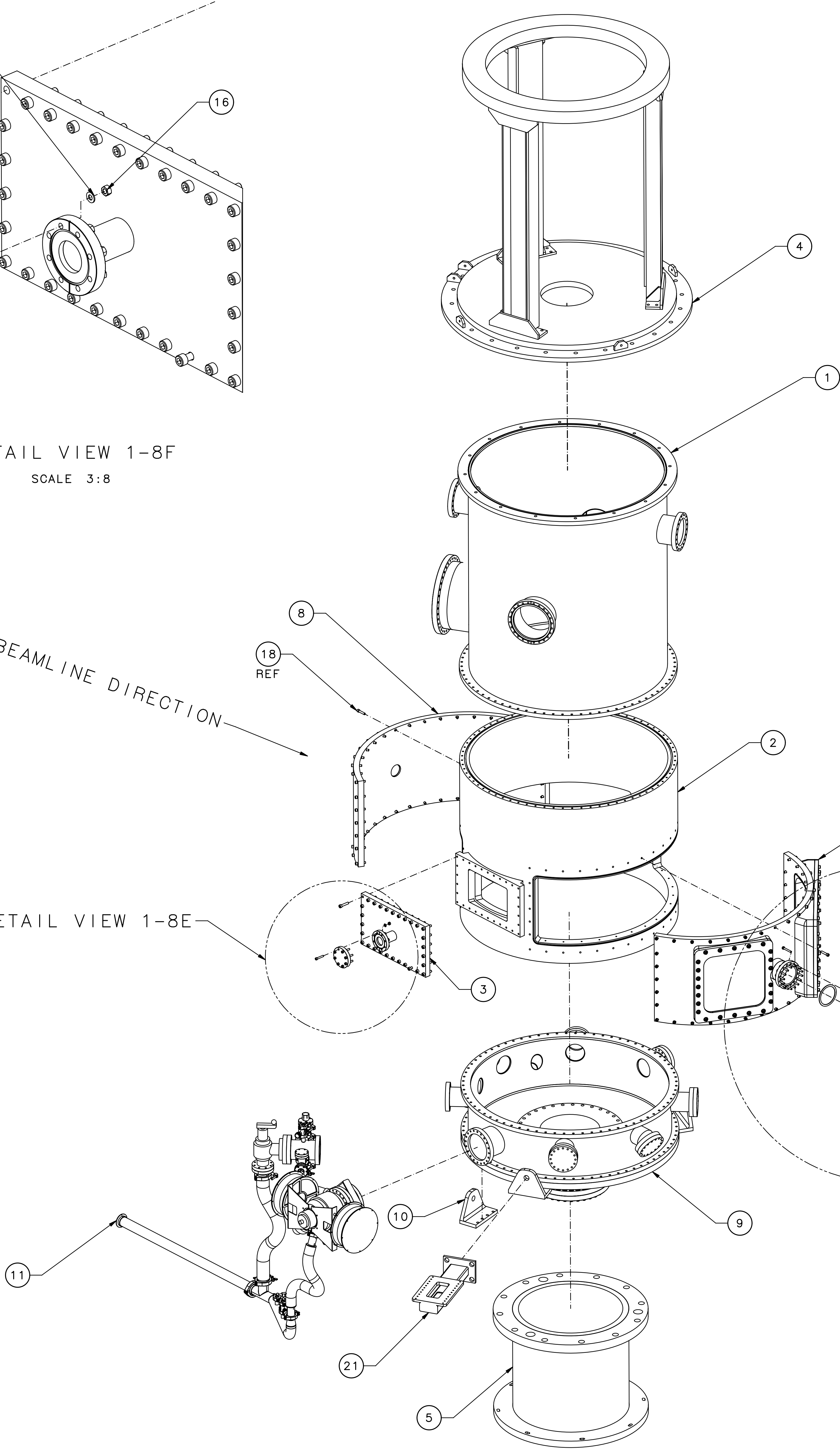


DETAIL VIEW 1-3E
SCALE 3:16

BEAMLINE DIRECTION

DETAIL VIEW 1-8E

DETAIL VIEW 1-3E



EXPLODED VIEW 1-6A

NOTES:

1. WEIGHT IS APPROXIMATELY 2262.4 LBS.
2. IN ACCORDANCE WITH THE JEFFERSON LAB ESH&Q MANUAL SUBJECT MATTER EXPERT (SME) SIGNATURES MAY BE REQUIRED.
3. ITEM 21 IS FOR REFERENCE PURPOSES ONLY.

ITEM NO.	PART OR IDENTIFYING NO.	DESCRIPTION	MATERIAL	NOTES
1	25	VAT 48240-0E74-X	ALL-METAL GATE VALVE 6 OD CF	STAINLESS STEEL 316
1	24	LESKER GA-0600AL	6 OD CF GASKET AL	ALUMINUM 1100-H14
1	23	LESKER GA-0600	6 OD CF GASKET OFHC	COPPER OFHC
1	22	LESKER F0450A000N	4.5 OD CF FLANGE BLANK	ALUMINUM 2219
1	21	JLAB SURVEY & ALIGNMENT GROUP REF.	CMM - WALL MT BRACKET	3
30	20	FASTENAL MS2600050A20000 OR EQUIV.	SHCS M10-1.5 X 50MM	STAINLESS STEEL A2-70
16	19	FASTENAL M72580035A20000 OR EQUIV.	HEX CAP SCREW M8-1.25 X 35MM GR.A2-70	STAINLESS STEEL A2-70
88	18	FASTENAL 79069 OR EQUIV.	SHCS 3/8-16 X 1.75	STAINLESS STEEL 316
8	17	FASTENAL 79059 OR EQUIV.	SHCS 5/16-18 X 1.75	STAINLESS STEEL 316
8	16	FASTENAL 77711 OR EQUIV.	HEX NUT 5/16-18	STAINLESS STEEL 316
16	15	FASTENAL 70731 OR EQUIV.	HEX NUT 5/16-24 UNF-2B	STAINLESS STEEL 18-8
16	14	FASTENAL 70088 OR EQUIV.	HEX CAP SCREW 5/16-24 X 2.25 GR.18-8	STAINLESS STEEL 18-8
48	13	FASTENAL 11545144 OR EQUIV.	WASHER 5/16 FLAT OD.688 GR.18-8	STAINLESS STEEL 18-8
8	12	FASTENAL 0144222 OR EQUIV.	WASHER 5/16 FLAT OD.625 GR.18-8	18-8 STNLS STL
1	11	A06114-03-03-0400	BASE RING WELL VACUUM ASSY	
3	10	A06114-03-03-0001	CHAMBER LIFTING BRACKET	STEEL A36
1	9	A06002-03-01-0400	BASE RING WELL ASSY	STAINLESS STEEL 304
1	8	A00000-03-04-0600	ENTR CLAMSHELL WLDMT GMN	
1	7	A00000-03-04-0200	EXIT CLAMSHELL SUBASSY	
1	6	A00000-03-04-0101	SPOOLPIECE 6 OF TO 6 OF SST WLDMT	STAINLESS STEEL 304
1	5	A00000-03-00-0001	TGT MT WLDMT	STEEL A36
1	4	65630-E-54010-02	TOP PLATE SUBASSY	STAINLESS STEEL 304
1	3	65630-54000-37	EXIT FLANGE WELDMENT	6061-T6 AL
1	2	65630-54000-31	MIDDLE RING WELDMENT	6061-T6 AL
1	1	65630-54000-03	TOP HAT ASSY	-

REV	NO.	DESCRIPTION	DATE
1	1	ISSUED FOR CONSTRUCTION	06/01/17

PARTS LIST	
ITEM NO.	DESCRIPTION
1	TOP HAT ASSY
2	MIDDLE RING WELDMENT
3	EXIT FLANGE WELDMENT
4	TOP PLATE SUBASSY
5	TGT MT WLDMT
6	SPOOLPIECE 6 OF TO 6 OF SST WLDMT
7	EXIT CLAMSHELL SUBASSY
8	ENTR CLAMSHELL WLDMT GMN
9	BASE RING WELL ASSY
10	CHAMBER LIFTING BRACKET
11	BASE RING WELL VACUUM ASSY
12	WASHER 5/16 FLAT OD.625 GR.18-8
13	WASHER 5/16 FLAT OD.688 GR.18-8
14	HEX CAP SCREW 5/16-24 X 2.25 GR.18-8
15	HEX NUT 5/16-24 UNF-2B
16	HEX NUT 5/16-18
17	SHCS 5/16-18 X 1.75
18	SHCS 3/8-16 X 1.75
19	HEX CAP SCREW M8-1.25 X 35MM GR.A2-70
20	SHCS M10-1.5 X 50MM
21	CMM - WALL MT BRACKET
22	ALUMINUM 2219
23	COPPER OFHC
24	ALUMINUM 1100-H14
25	ALL-METAL GATE VALVE 6 OD CF

FINISH & TOL PER ASME Y14.5 2009. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:	
FRACTIONS	DECIMAL
± N/A	± .01
	± .005
THIRD ANGLE PROJECTION	
DO NOT SCALE DRAWING	
DATE	06/01/17
DRAWN	D. HENLEY

UNITED STATES DEPARTMENT OF ENERGY	
Jefferson Lab	
Thomas Jefferson National Accelerator Facility	
HALL A - TEMPLATE TARGET - SBS PROGRAM	
HALL A GMN	
SCATT CHAMB SBS GMN	
SIZE (DWG. NO.)	REV.
E	1
SCALE	SHEET
1:10	1 OF 2

