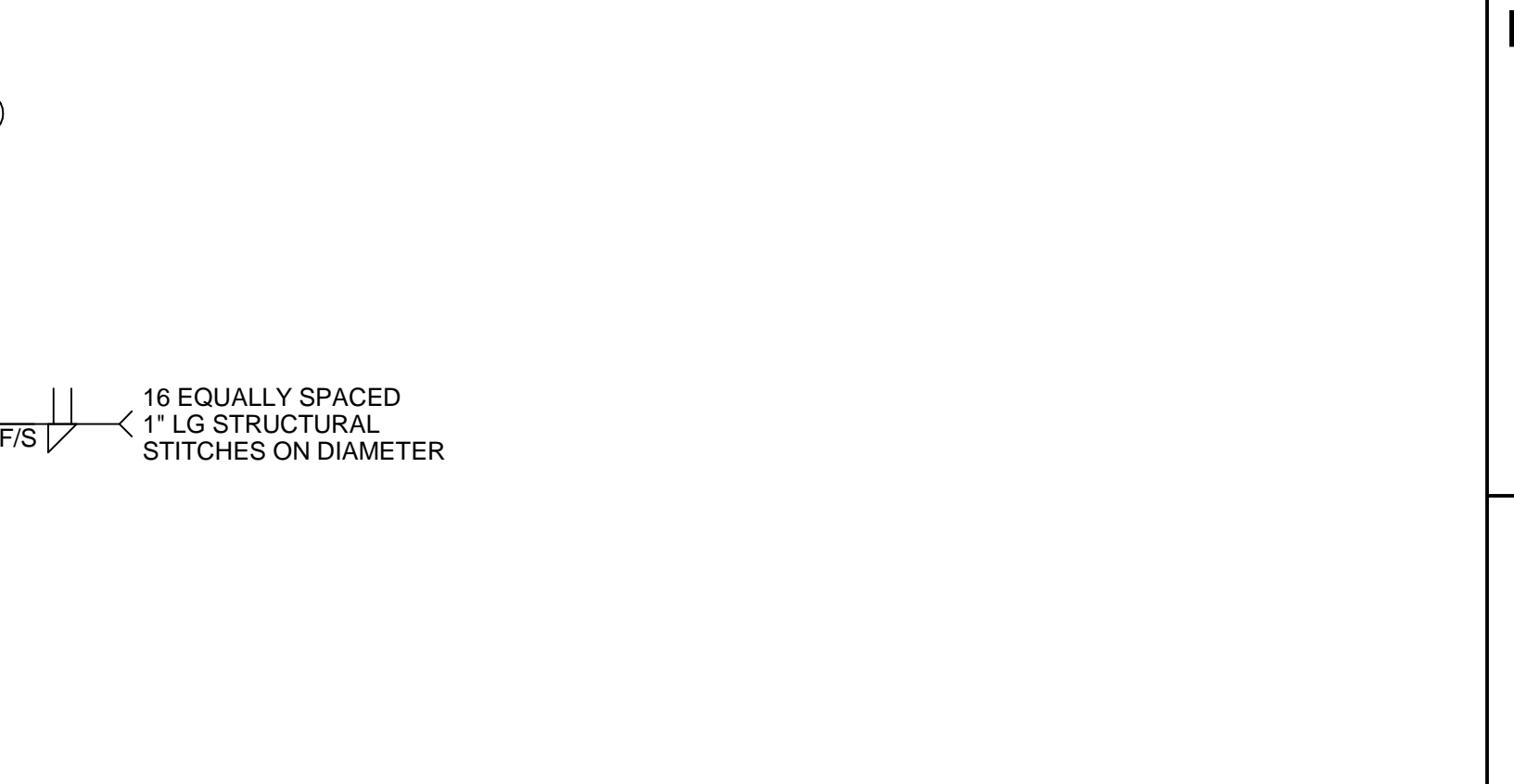
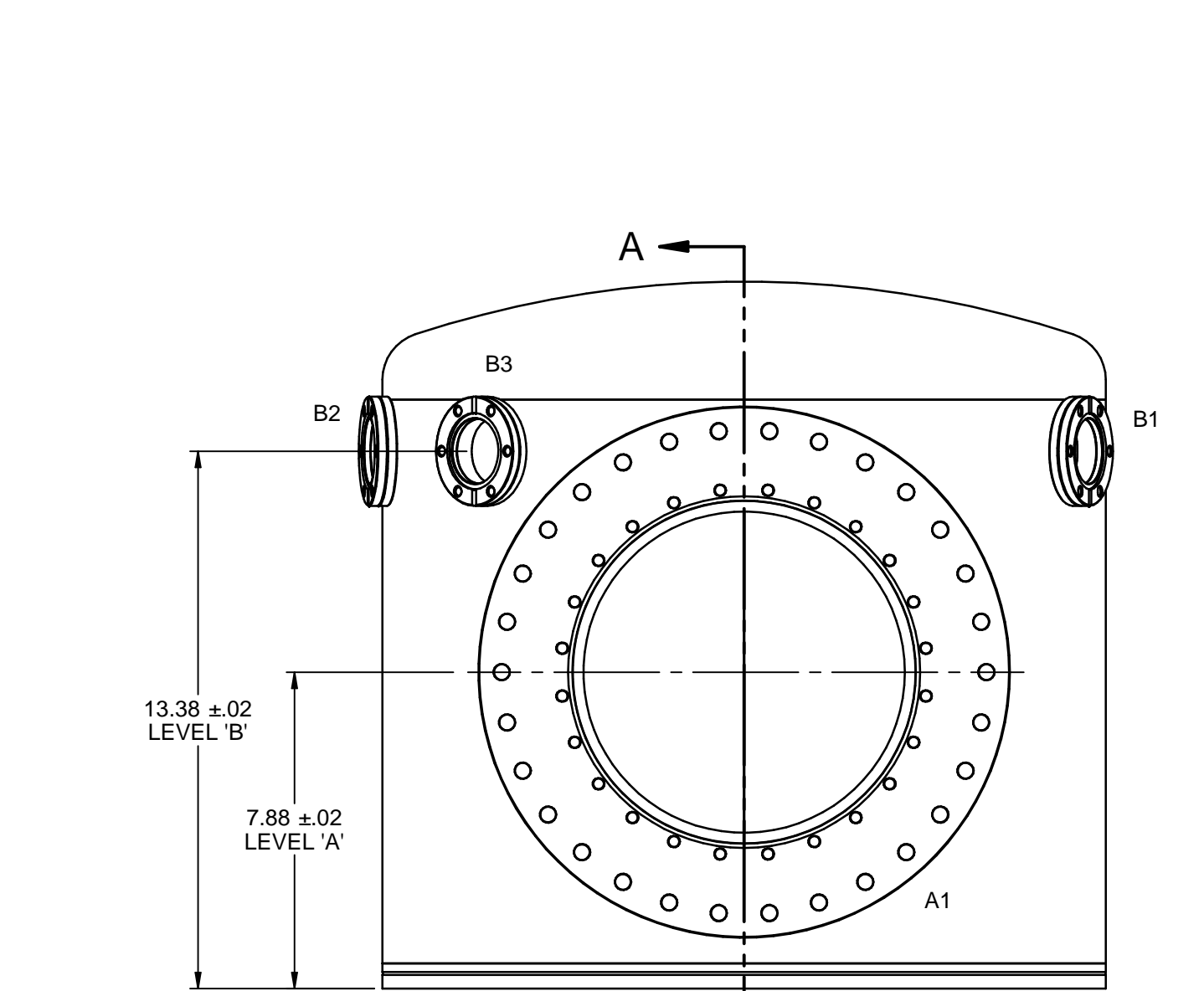
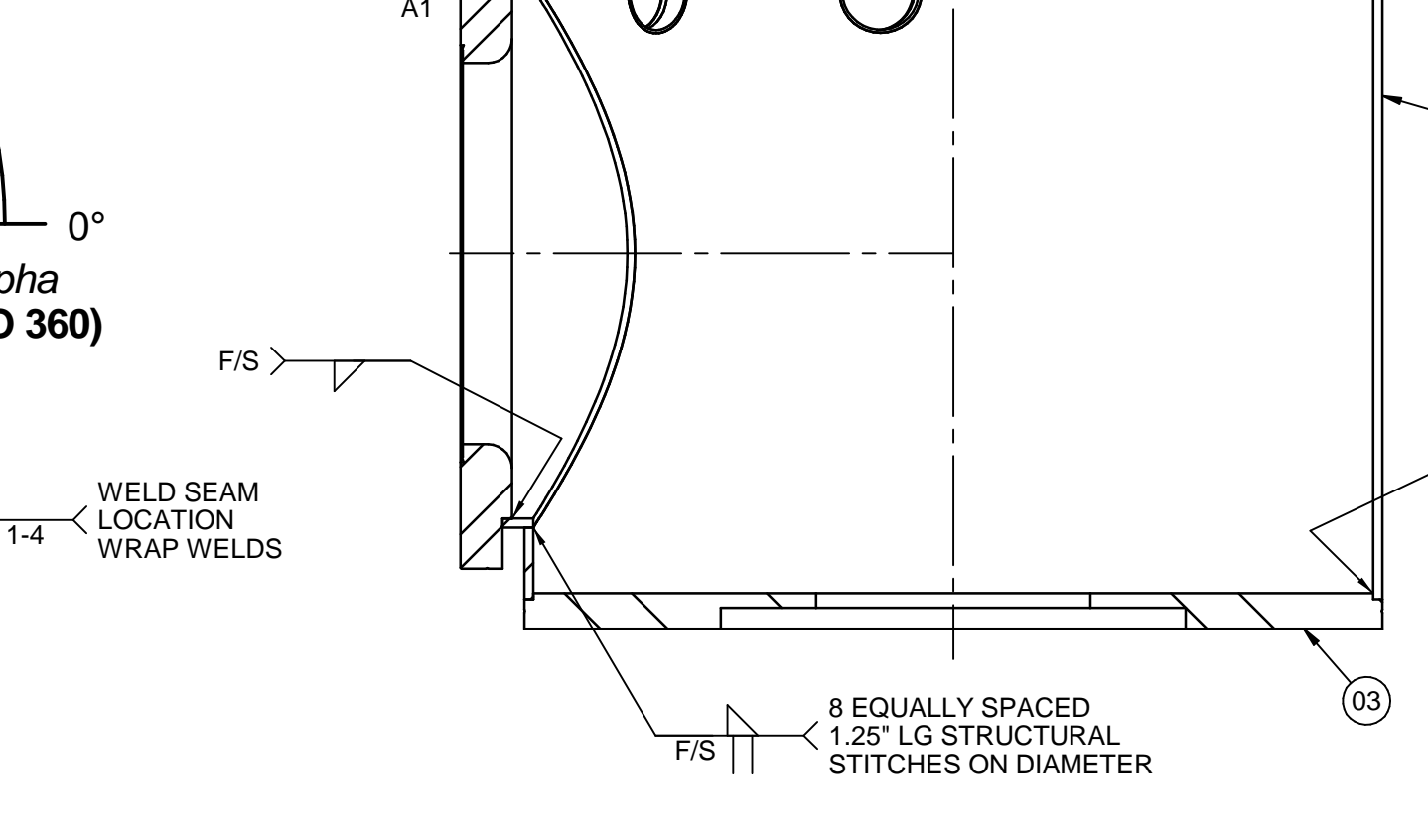
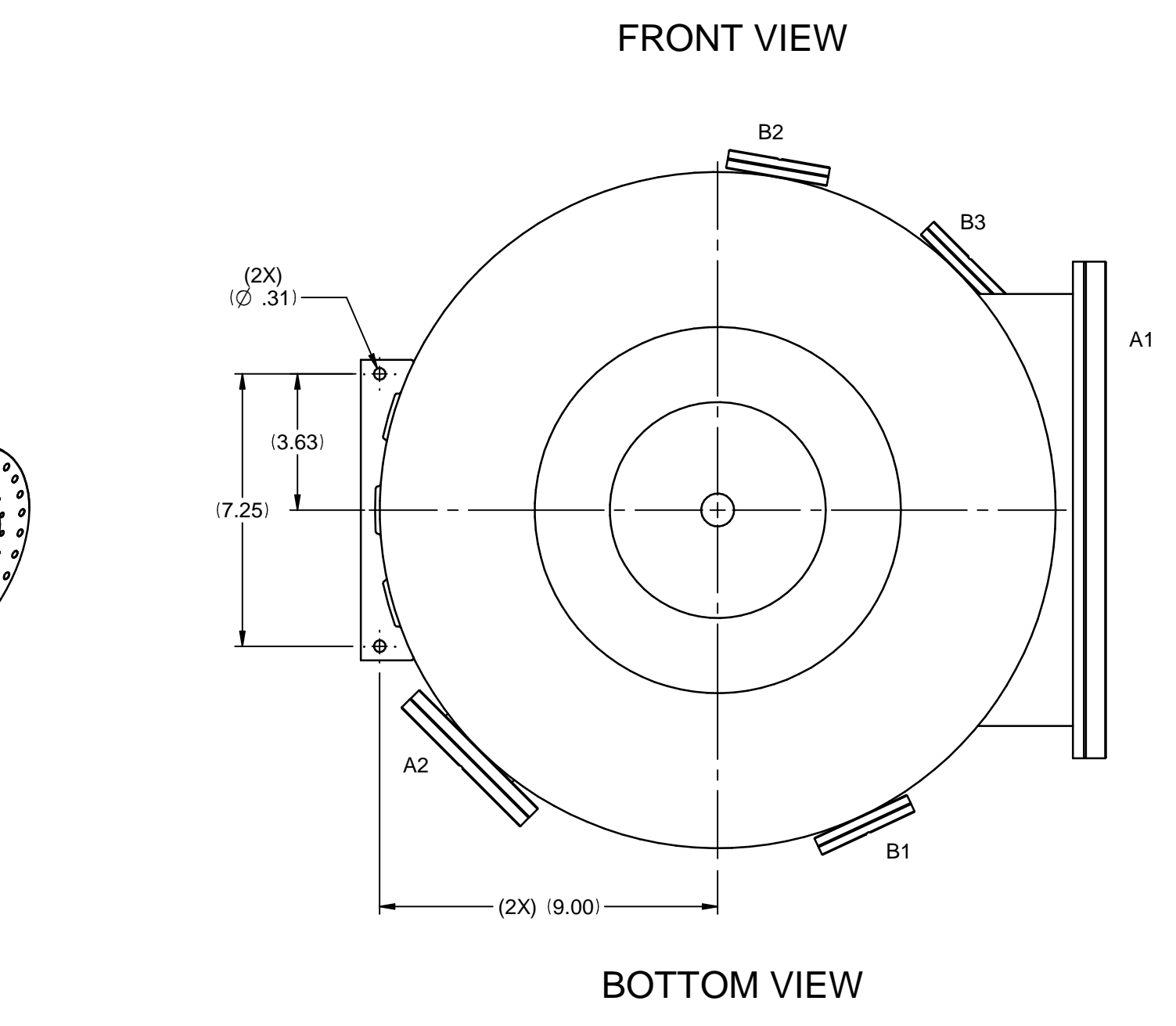
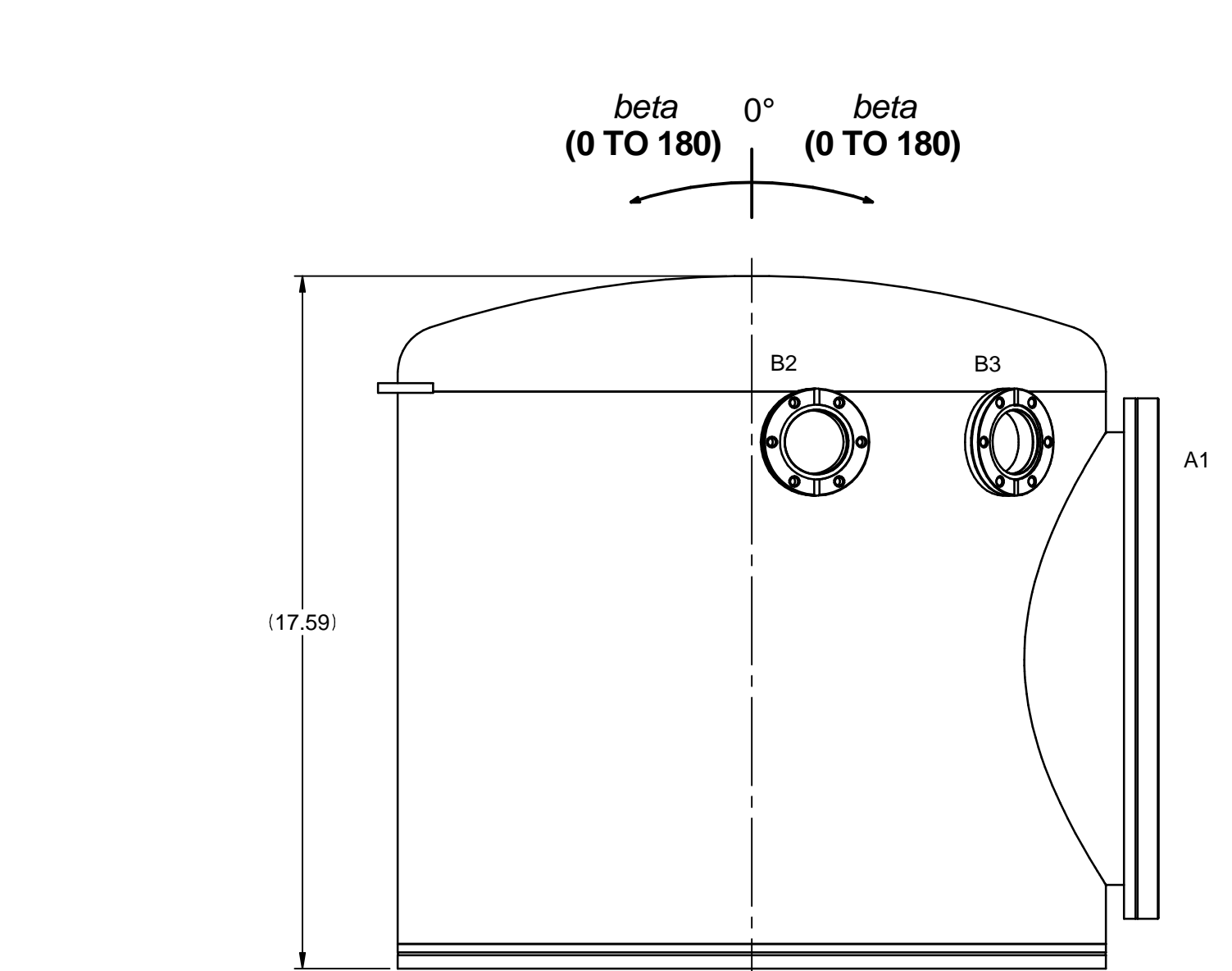
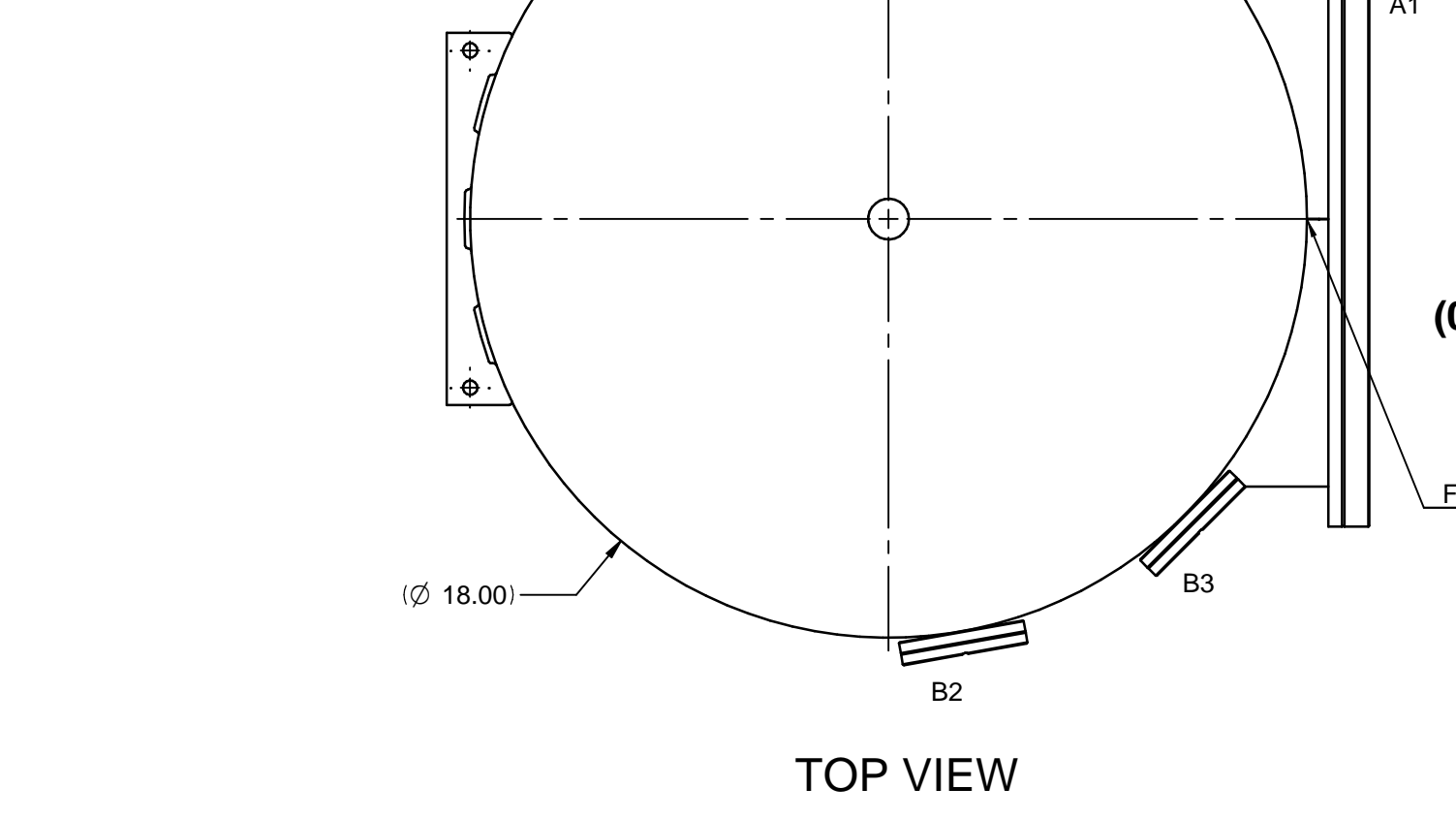
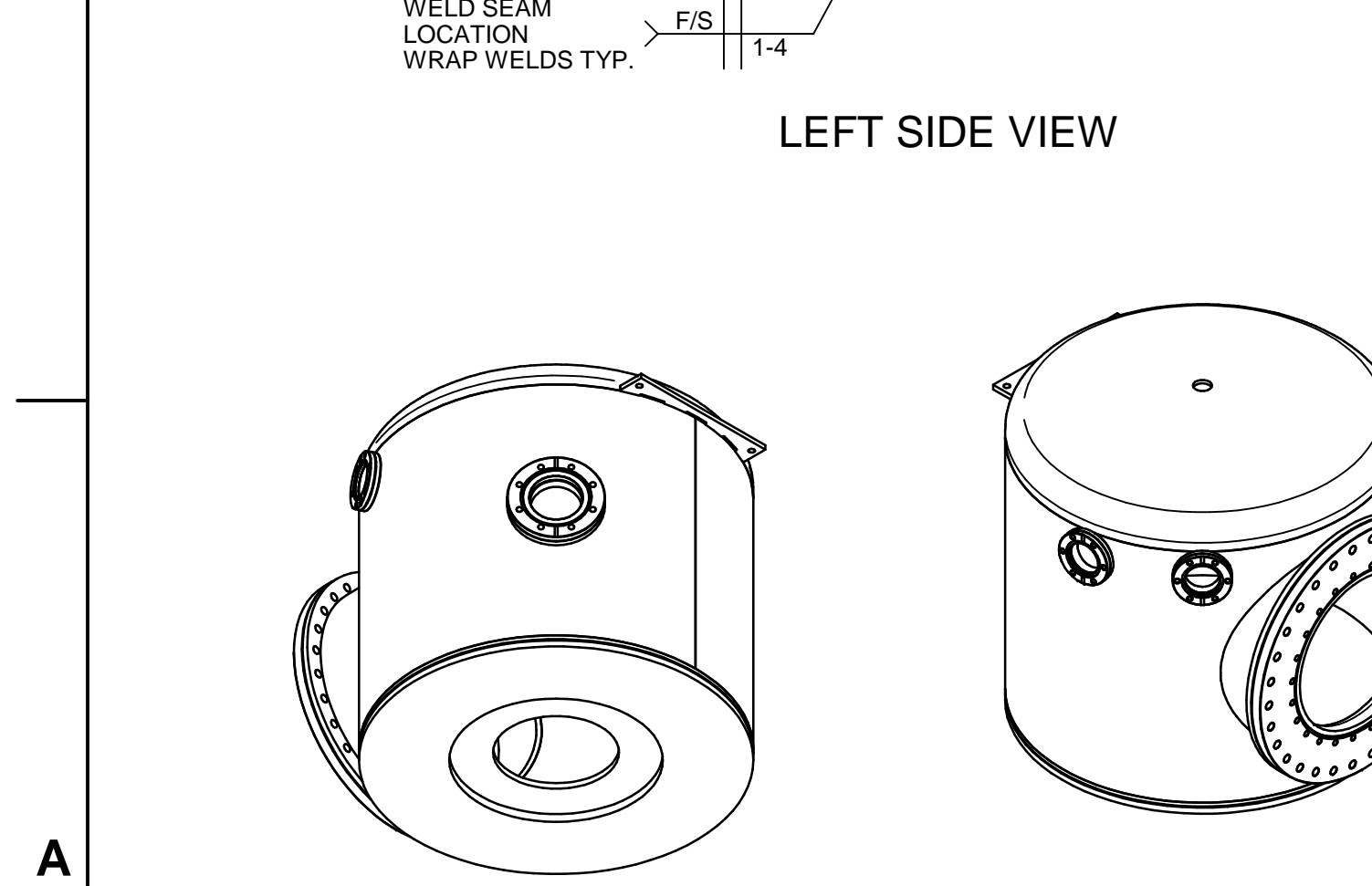
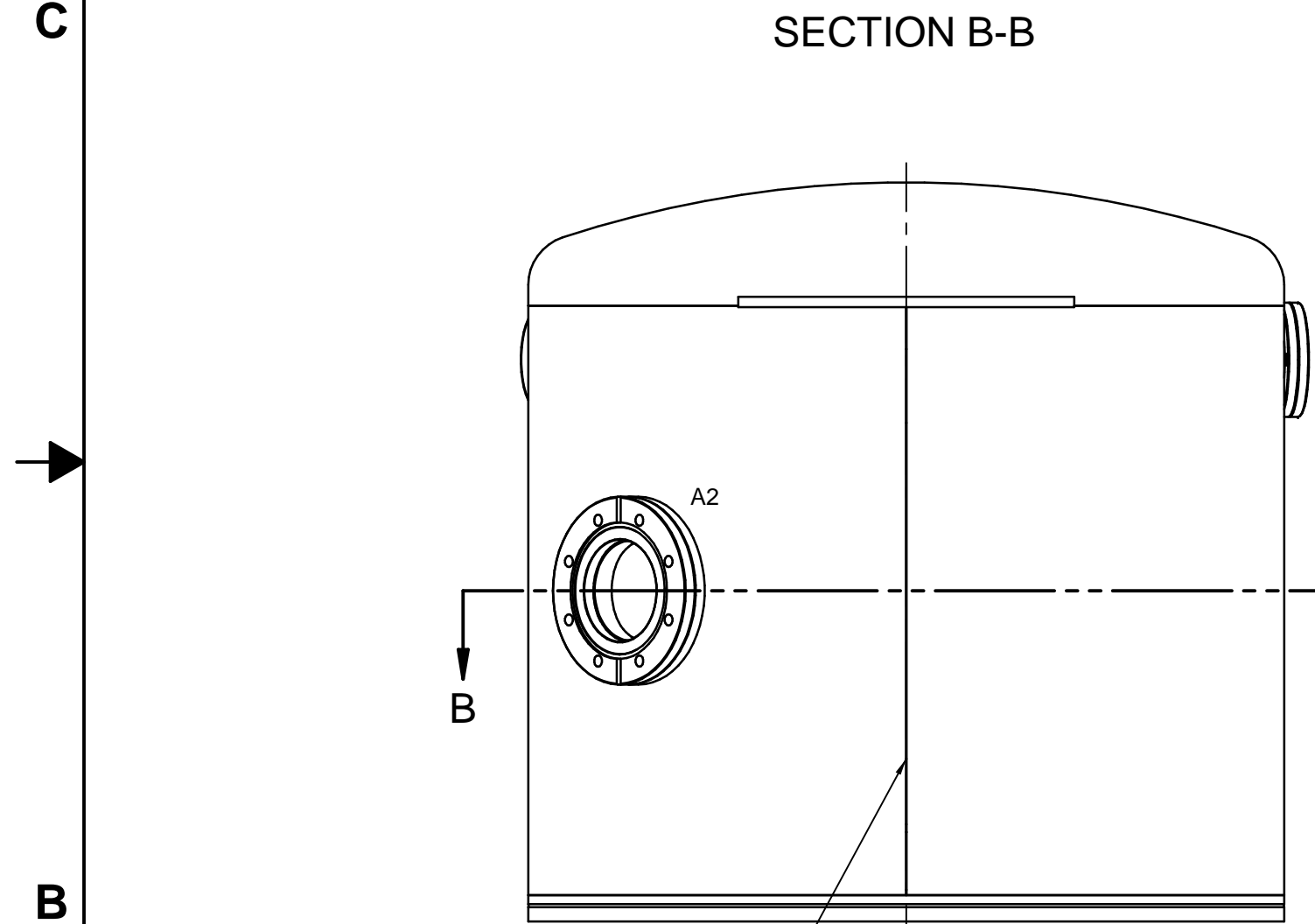
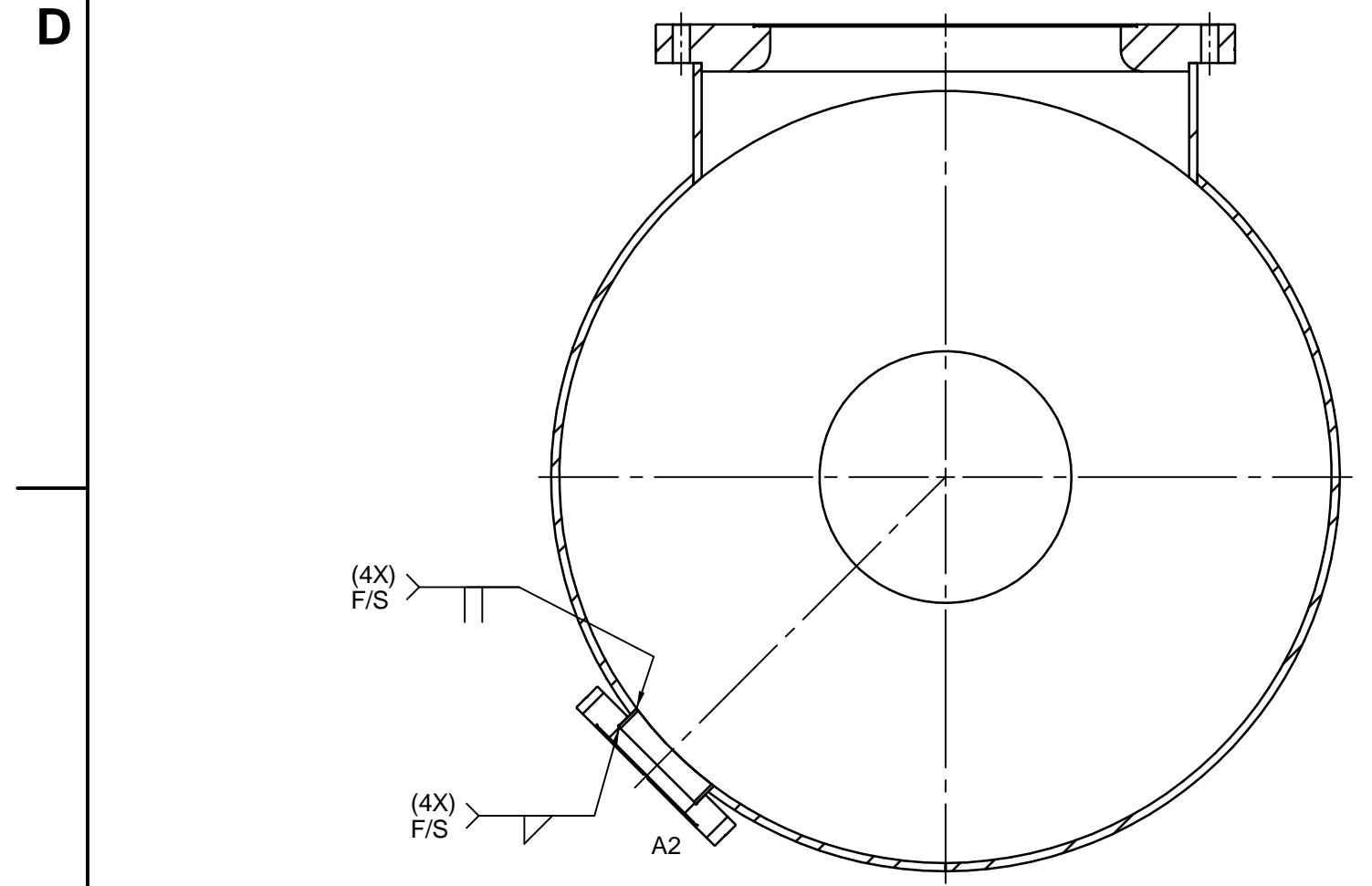


PORT IDENTIFICATION TABLE													
PORT	FLANGE/BOM	TUBE	TUBE CUT LENGTH	PORT LENGTH	PORT LG TOL +/-	FOCAL LENGTH	FOCAL LG TOL +/-	FOCAL PT DATUM	FOCAL PT TOL DIA	ALPHA $\alpha$	BETA $\beta$	CUSTOMER REF	FUNCTION
A1	ITEM04	ITEM05	-	1.33	0.02	-	-	-	-	0	90	-	HIGH VOLTGE STALK
A2	F0450X250NT	SST-0250I	0.58	(0.68)	-	-	-	-	-	135	90	-	ION PUMP
B1	F0275X175NT	SST-0175I	0.52	(0.50)	-	-	-	-	-	65	90	-	RGA
B2	F0275X175NT	SST-0175I	0.52	(0.50)	-	-	-	-	-	280	90	-	NEG FEEDTHRU
B3	F0275X175NT	SST-0175I	0.52	(0.50)	-	-	-	-	-	315	90	-	EXTRACTOR GAUGE

BILL OF MATERIALS					
NO.	PART NUMBER	DRAWING NUMBER	DESCRIPTION	QTY	UM
01	RDOS07870		DOME, SS304L, 18.0" OD X .188" THK, 1/2" SF, 26" DR, 1" KR.	1	EA
02	RRUS07871		ROLL UP, SS304L, 18.0" OD X .188" WALL X 14.03" LG, 2B MILL	1	EA
03	D-PRD118573-05S001	PRD118573-05S001	END PLATE FOR BJ1817C00039	1	EA
04	D-PRD118573-05S003	PRD118573-05S003	MODIFIED RF1325X1000 FOR BJ1817C00039	1	EA
05	RRUS07872		ROLL UP, SS304L, 11.5" OD X .188" WALL X 2.91" LG, 2B MILL F	1	EA
06	F0450X250NT	P0000183	FLANGE, UHV, SS, BORED, FXD, TAPPED 4.50" OD, 2.50" C-BORE	1	EA
07	SST-0250I		TUBING, SS304L, 2-1/2" OD, .065" WALL, ASTM A270 POLISHED OD & ID	1.94	IN
08	F0275X175NT	P0000141	FLANGE, UHV, SS, BORED, FXD, TAPPED 2.75" OD, 1.75" C-BORE	3	EA
09	SST-0175I		TUBING, SS304L, ASTM A249/269, 1-3/4" OD, X.065" WALL,	0.71	IN
10	D-PRD118573-05S004	PRD118573-05S004	LUG FOR BJ1817C00039	1	EA



- NOTES:
- ALL DIMENSIONS ARE IN INCHES, REFER TO TABLE 1 FOR STANDARD TOLERANCING INFORMATION.
  - ALL WELDS TO BE INTERNAL FULL FUSION VACUUM WELDS UNLESS OTHERWISE NOTED.
  - VACUUM WELDS TO BE LEAK CHECKED WITH A HELIUM MASS SPECTROMETER WITH A SENSITIVITY TO  $2 \times 10^{-10}$  STD CC/SEC FOR HELIUM DIMENSIONS FOR ALL PARTS LISTED IN THE BILL OF MATERIALS ARE NOMINAL.
  - ORIENT ALL FLANGES AS SHOWN.

TUBE CUT TABLE			
TUBE P/N	LENGTH	QTY	CUT ALLOWANCE REQUIRED
SST-0175I	0.52	3	
SST-0250I	0.58	1	

SYMBOL LEGEND	DETAIL LEVEL:	CLEANING PROCEDURE:	A	ALL	RELEASD FOR MANUFACTURING	5/12/2014	SHP	DEC																																																																																													
REVISION	N/A	AS REQ'D FOR MACHINING	NO.	ZONE	ECN #	REVISION DESCRIPTION	DATE	BY	CHK																																																																																												
ITEM BALLOON	N/A	AS SUPPLIED	<p>1925 Route 51 Jefferson Hills, PA 15025-3681 phone: 1-800-245-1656 web: www.lesker.com</p> <p><b>Kurt J. Lesker</b> Company "...vacuum science is our business"</p> <p>15/16 Burgess Road Hastings, East Sussex, TN35 4NR United Kingdom phone: +44 01424 458100</p>																																																																																																		
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