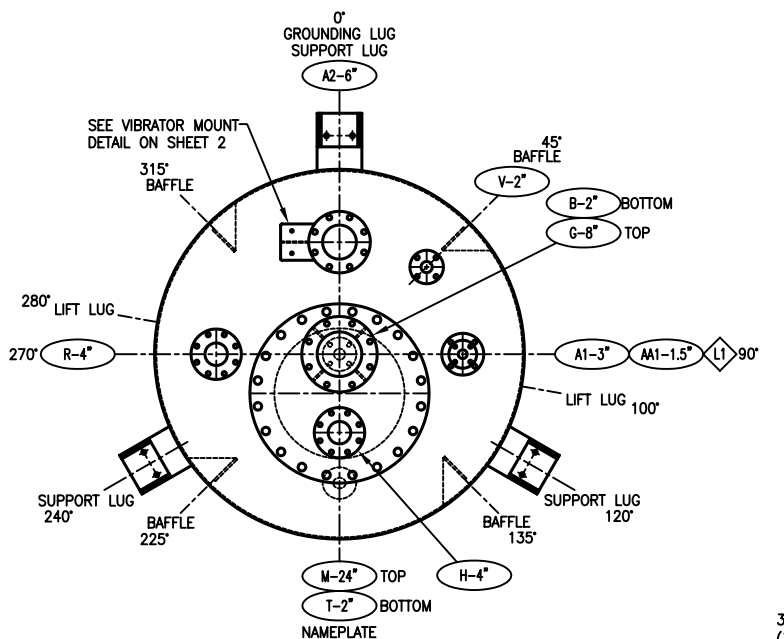
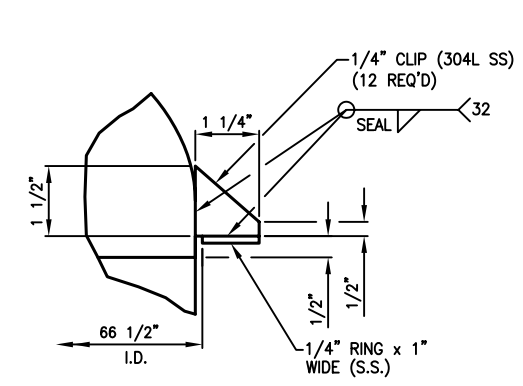


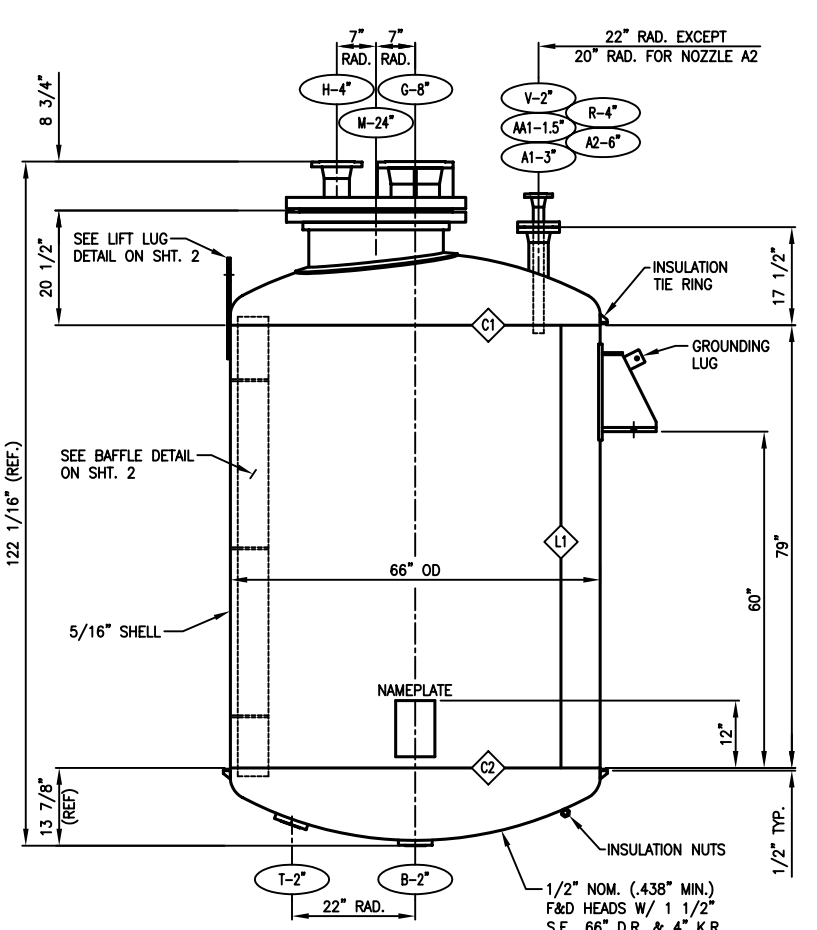
V-3020 ORIENTATION VIEW



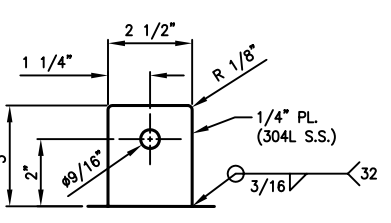
V-3022 ORIENTATION VIEW



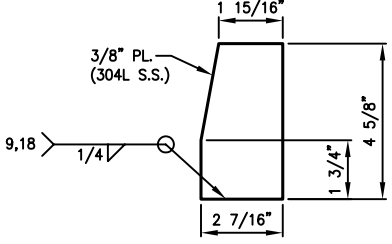
INSULATION SUPPORT DETAIL (2) REQUIRED



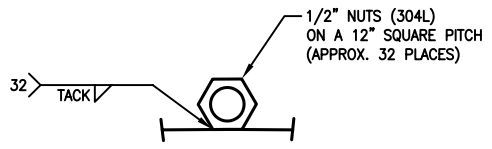
ELEVATION VIEW



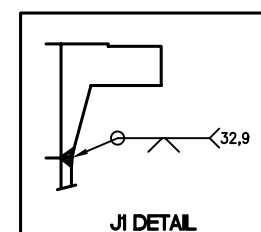
GROUNDING LUG DETAIL SCALE: 6X (1) REQUIRED



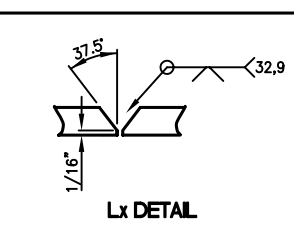
NOZZLE G GUSSET DETAIL SCALE: 6X (4) REQUIRED



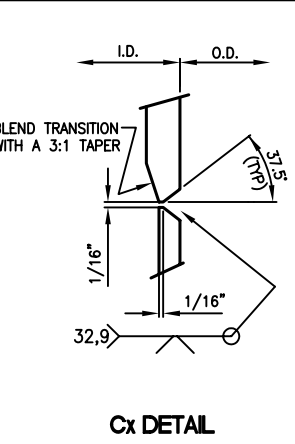
INSULATION NUT DETAIL



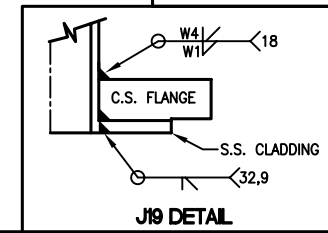
J1 DETAIL



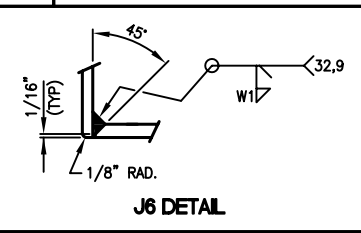
Lx DETAIL



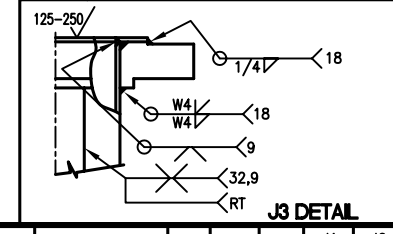
Cx DETAIL



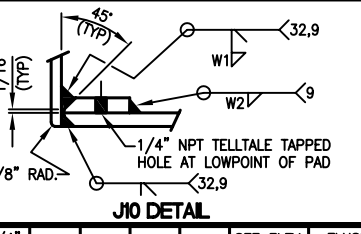
J19 DETAIL



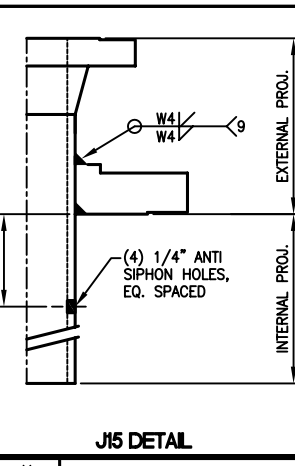
J6 DETAIL



J3 DETAIL



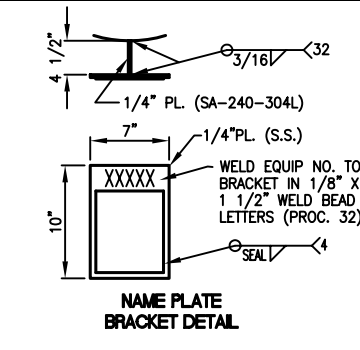
J10 DETAIL



J15 DETAIL

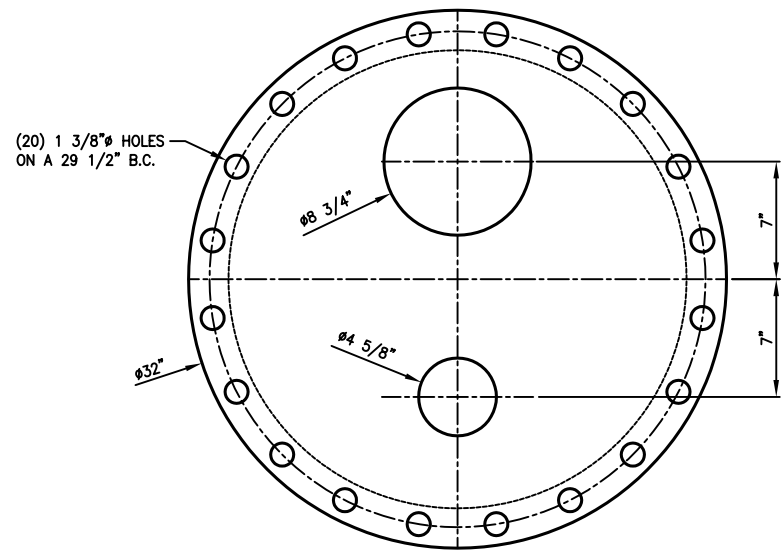
GENERAL NOTES:
 1. THIS VESSEL IS DESIGNED, CONSTRUCTED, AND CODE STAMPED PER ASME SECT. VIII, DIV. 1, 2007 EDITION.
 2. ALL NOZZLE BOLT HOLES ARE TO STRADDLE THE MAJOR VESSEL CENTERLINES UNLESS SPECIFICALLY NOTED OTHERWISE.
 3. ALL NOZZLE GASKET SURFACES REQUIRE A SERRATED SURFACE FINISH OF 125 TO 250 RMS.
 4. SCRIBING OR CENTER PUNCHING OF WORK LINES IS PROHIBITED.
 5. BREAK ALL SHARP EDGES.

THIS VESSEL CONFORMS TO THE LATEST ASME UNFIRE PRESSURE VESSEL CODE AND UNDER NO CIRCUMSTANCES SHALL THE SAFETY DEVICES BE SET AT GREATER THAN THE MAXIMUM ALLOWABLE WORKING PRESSURE.			
PRESSURE VESSEL DATA			
	VESSEL	JACKET	COIL
MAWP (PSIG) @ DESIGN TEMP (°F)	115/FV @ 500	-	-
MDMT (°F) @ MAWP (PSIG)	-20 @ 115/FV	-	-
HYDROSTATIC TEST PRESSURE (PSIG)	178	-	-
CORROSION ALLOWANCE (IN.)	.031	-	-
RADIOGRAPHY/MEETS UW-11(a)(5)(b)	SPOT/YES	-	-
STRESS RELIEF	NONE	-	-
STRENGTH LIMITING VESSEL PART	BOTTOM HEAD	-	-
WIND DESIGN	-	-	-
SEISMIC DESIGN	IBC 2003	-	-
EMPTY/FULL WEIGHT OF SG 1.5	6,230# / 20,750#	-	-
FULL VOLUME (GALLONS)	1400	-	-
GENERAL DATA			
HEAD PLATE MAT'L, ASME	SA-240-304/304L	-	-
SHELL PLATE MAT'L, ASME	SA-240-304/304L	-	-
TUBE SHEET MAT'L, ASME	-	-	-
BOLT MAT'L, ASME	SA-193-B7	-	-
NUT MAT'L, ASME	SA-194-2H	-	-
SHIPPING GASKET MAT'L	-	-	-
SERVICE GASKET MAT'L	KAMMPROFILE W/316L S.S. CORE W/FLEXIBLE GRAPHITE	-	-



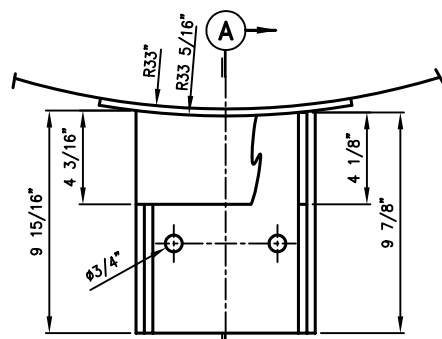
NAME PLATE BRACKET DETAIL

VENT	V	1	2"	SA-182-F304/304L	150#	RFWN	SA-312-TP304/304L	SCH. 80	7 7/8"	-	-	-	-	-	-	-	J1	J6	1/4"	-	-	-	SEE ELEV.	FLUSH	V	-				
TEMP	T	1	2"	SA-182-F304/304L	150#	RF	STUDDING OUTLET	-	-	-	-	-	-	-	-	-	-	J6	3/8"	-	-	-	-	FLUSH	T	-				
RELIEF	R	1	4"	SA-182-F304/304L	150#	RFWN	SA-312-TP304/304L	SCH. 80	7 5/8"	SA-240-304/304L	1/2" x 2"	-	-	-	-	-	J1	J10	5/16"	5/16"	-	-	SEE ELEV.	FLUSH	R	-				
MANWAY	M	1	24"	SA-105	150#	RFSO	SA-240-304/304L	SEE COMMENT	SA-240-304/304L	5/16" x 3"	-	-	-	20	1 1/4" x 7 3/4"	40	-	2	J3	J10	5/16"	5/16"	-	3/8"	SEE ELEV.	FLUSH	M	3/8" PL x 11 3/8" x 74 1/4" LG.		
ACCESS	H	1	4"	SA-182-F304/304L	150#	RFWN	SA-312-TP304/304L	SCH. 80	5 3/4"	-	-	-	-	-	-	-	-	J1	J19	5/16"	-	-	7/16"	-	8 3/4"	FLUSH	H	-		
AGITATOR	G	1	8"	SA-182-F304/304L	150#	RFWN	SA-312-TP304/304L	SCH. 80	4 5/8"	-	-	-	-	-	-	-	-	J1	J19	3/8"	-	-	5/8"	-	8 3/4"	FLUSH	G	W/ (4) GUSSETS		
OUTLET	B	1	2"	SA-182-F304/304L	150#	RF	STUDDING OUTLET	-	-	-	-	-	-	-	-	-	-	-	J6	3/8"	-	-	-	-	FLUSH	B	-			
INLET	A2	1	6"	SA-182-F304/304L	150#	RFWN	SA-312-TP304/304L	SCH. 80	7 3/4"	-	-	-	-	-	-	-	-	J1	J6	3/8"	-	-	-	SEE ELEV.	FLUSH	A2	-			
INLET	AA1	1	1.5"	SA-182-F304/304L	150#	RFWN	SA-312-TP304/304L	SCH. 80	22 1/2"	-	-	-	-	-	-	-	-	J1	J15	-	-	-	1/4"	11"	6"	19"	AA1	-		
HOST	A1	1	3"	SA-182-F304/304L	150#	RFWN	SA-312-TP304/304L	SCH. 80	7 3/4"	-	-	-	-	-	-	-	-	J1	J6	5/16"	-	-	-	SEE ELEV.	FLUSH	A1	-			
SERVICE MARK	QUAN	SIZE	MATERIAL	RATING	TYPE	MATERIAL	TH'KN	LENGTH	MATERIAL	TH'KN X WIDTH	MATERIAL	HH BORE	#BOLTS	#STUDS	DESCRIPTION	#NUTS	#SHIP	#SERV.	FLANGE	NECK	W1	W2	W3	W4	L1	EXTERNAL	INTERNAL	MARK	COMMENTS	
																					WELDS				PROJECTIONS					

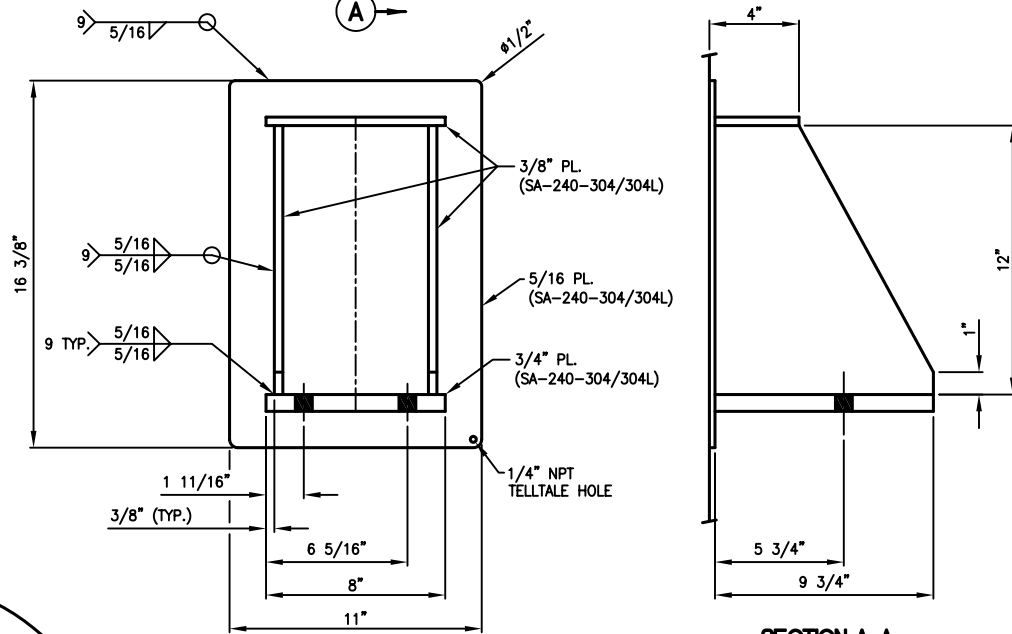


MANWAY M BLING FLANGE DETAIL

SCALE: 3X
(1) REQUIRED

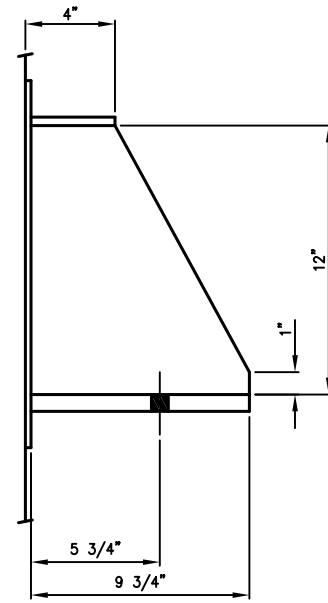


LIFT LUG DETAIL
(2) REQUIRED

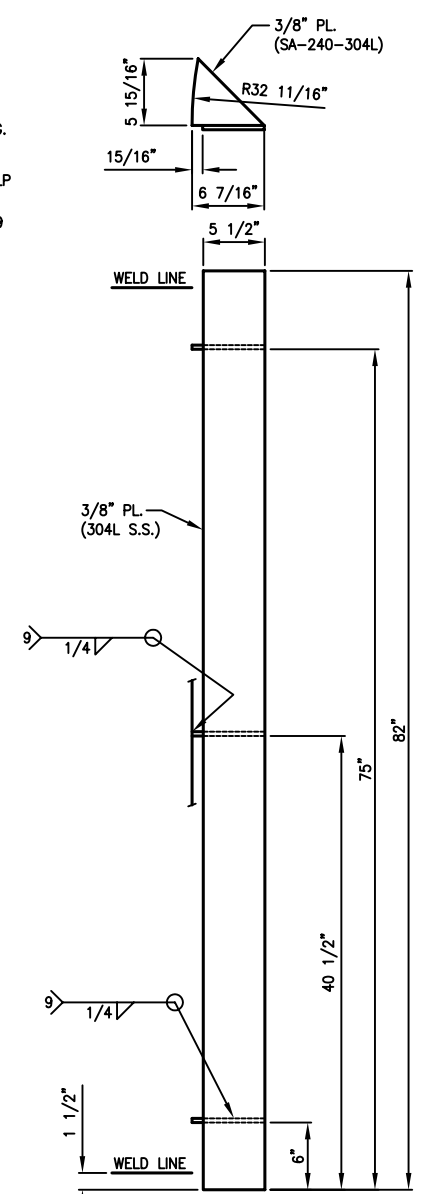


SUPPORT LUG DETAIL

SCALE: 4X
(3) REQUIRED

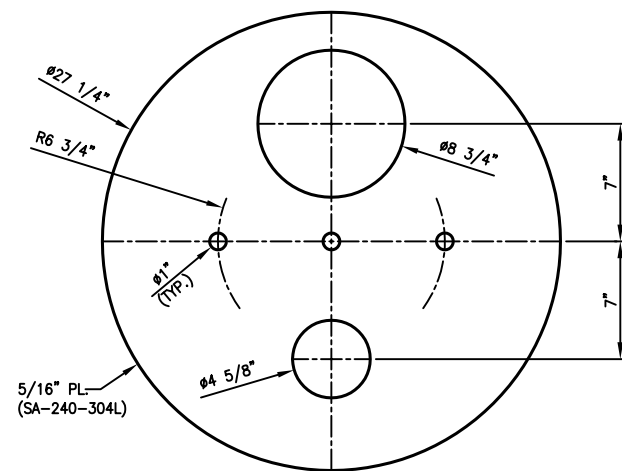


SECTION A-A



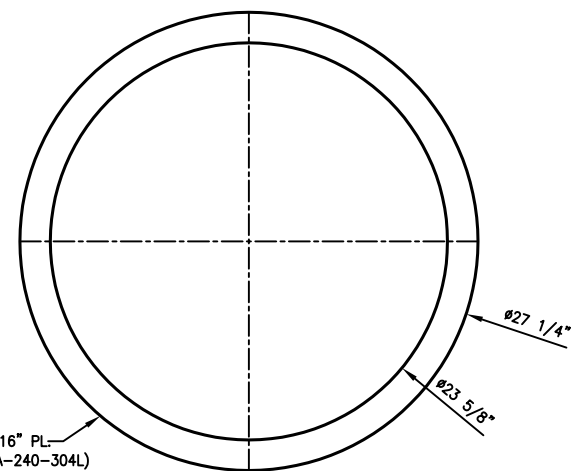
BAFFLE DETAIL

SCALE: 2X
(4) REQUIRED



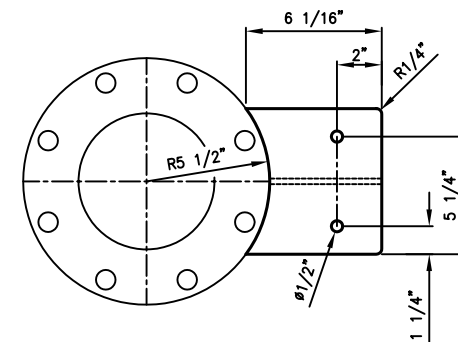
BLIND CLADDING DETAIL

SCALE: 3X
(1) REQUIRED



RING FLANGE CLADDING DETAIL

SCALE: 3X
(1) REQUIRED



VIBRATOR MOUNT DETAIL

(1) REQUIRED

ALL MAT'L TO BE 1/4" PL (SA-240-304L)