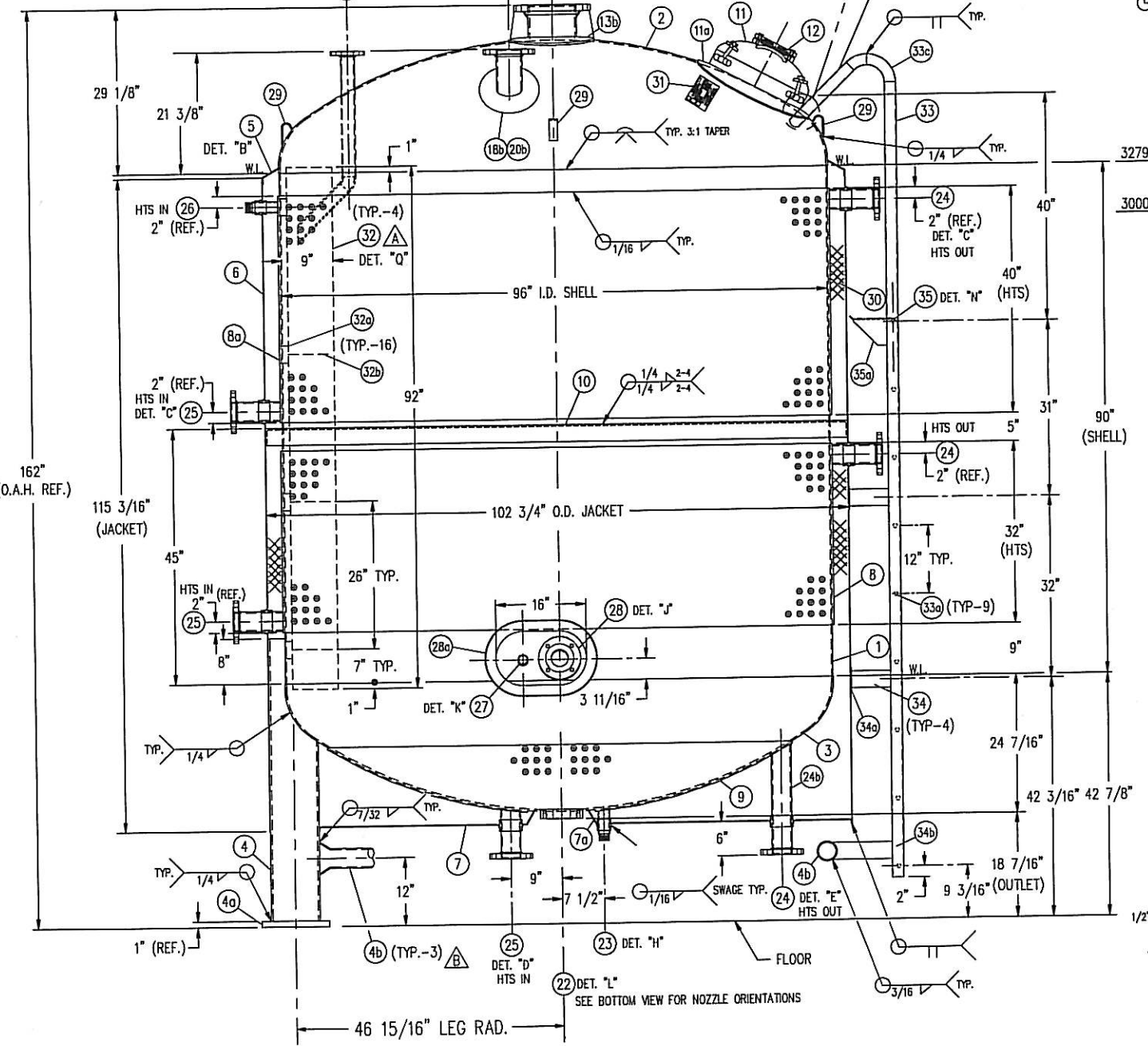
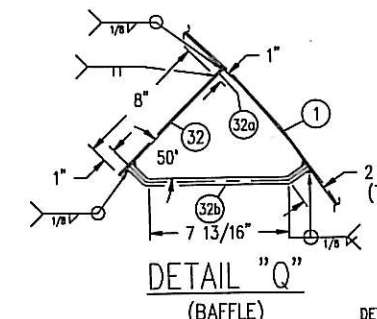
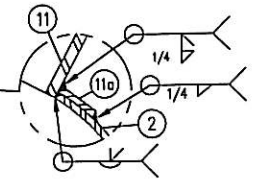


ITEM NO.	NO. REV'D	PART NO. (OR) DRAWING NO.	DESCRIPTION	
32	4		BAFFLES, 7 GA. X 8" WIDE X 92" LG.	316L S/S
32a	16		BAFFLE TAB, 7 GA. X 1" WIDE X 3" LG.	316L S/S
32b	16		BAFFLE ROD, 1/2" DIA. ROUND BAR X 12 5/16" LG.	316L S/S
33	2		LADDER STRINGER, 2" X .065" WALL TUBE X 140 3/16" LG. (POLISHED O.D.)	304 S/S
33a	9		LADDER RUNG, 1/2" SCH. 40S PIPE X 16" LG. (POLISHED O.D.)	304 S/S
33b	2		LADDER BRACE, 2" X .065" WALL TUBE X 13" LG. (POLISHED O.D.)	304 S/S
33c	3	LS2	LADDER ELBOW, 2" X .065" WALL ELBOW X MAKES (4) PIECES (POLISHED O.D.)	304 S/S
34	4		LADDER MOUNT SUB, 1/4" X 3" F.B. X 7 13/16" LG.	304 S/S
34a	2		LADDER MOUNT WELD PAD, 10 GA. X 2" X 4" TALL	(2B/#4)
34b	4		LADDER MOUNT SUB, 1/4" X 3" F.B. X 10 1/2" LG.	304 S/S
35	1		LADDER STEP, 14 GA. (DIMPLED) X 8 1/2" X 16"	304 S/S
35a	2		LADDER STEP GUSSET, 10 GA. X 5 1/2" X 6 1/2"	304 S/S

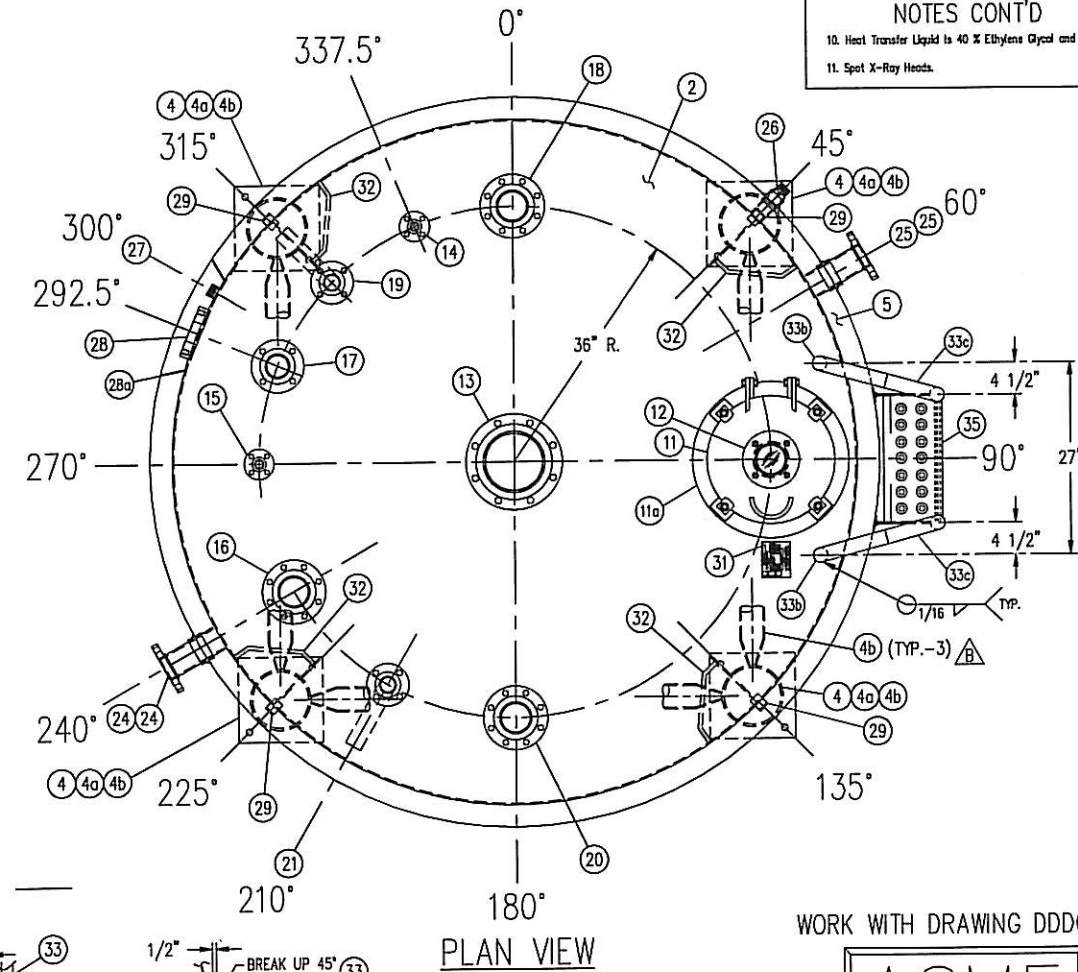


ELEVATION
(SEE PLAN VIEW FOR TRUE ORIENTATION)
(OUTER JACKET SHOWN IN SECTION FOR CLARITY)

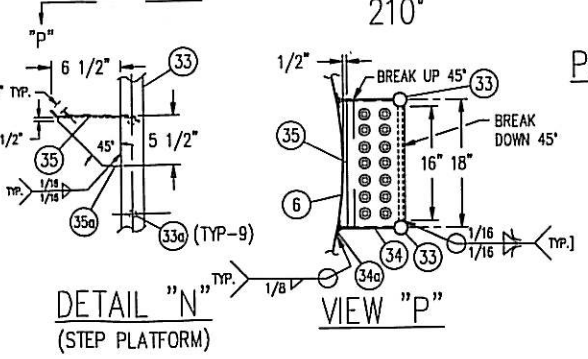
ITEM NO.	NO. REV'D	PART NO. (OR) DRAWING NO.	DESCRIPTION	
21	1		NOZ. "K", SPARE, 2"-150# R.F.S.O. FLANGE	SA182-316L S/S
21a	1		NOZ. "K" SPARE EXT., 2" SCH. 40S PIPE X 22" LG.	SA312-316L S/S
21b	1		NOZ. "K" ELBOW, 2" SCH. 40S 45° L.R., B.W. PIPE ELBOW	316L S/S
21c	1		NOZ. "K" ELBOW EXT., 2" SCH. 40S PIPE X 7 1/8" LG.	316L S/S
22	1	SS-B-009-3	NOZ. "L", DRAIN, 3" PAD FLANGE	SA240-316L S/S
23	1		NOZ. "M", JACKET DRAIN, 1"-3000# THREADED HALF COUPLING	SA182-316L S/S
23a	1		NOZ. "M" EXT., DRAIN, 1 1/2" SCH. 40S PIPE X 4 5/8" LG.	SA312-304 S/S
23b	1		NOZ. "M" SLEEVE, DRAIN, 2" SCH. 80S PIPE X 2" LG.	SA182-304 S/S
24	3		NOZ. "N", JACKET OUT, 3"-150# R.F.S.O. FLANGE	SA312-304 S/S
24a	2		NOZ. "N" EXT., JACKET OUT, 3" SCH. 40S PIPE X 9" LG.	SA312-304 S/S
24b	1		NOZ. "N" EXT., JACKET OUT, 3" SCH. 40S PIPE X 18 3/4" LG.	SA312-304 S/S
25	3		NOZ. "O", JACKET IN, 3"-150# R.F.S.O. FLANGE	SA312-304 S/S
25a	3		NOZ. "O" EXT., JACKET IN, 3" SCH. 40S PIPE X 9" LG.	SA312-304 S/S
25b	6		NOZ. "N" & "O" SLEEVE, JACKET IN, 3 1/2" SCH. 40S PIPE X 2" LG.	SA182-304 S/S
26	1		NOZ. "P", JACKET PRESSURE, 1"-3000# THREADED HALF COUPLING	SA312-304 S/S
26a	1		NOZ. "P" EXT., PRESSURE, 1 1/2" SCH. 40S PIPE X 4 5/8" LG.	SA312-304 S/S
26b	1		NOZ. "P" SLEEVE, PRESSURE, 2" SCH. 80S PIPE X 2" LG.	SA182-304 S/S
27	1		NOZ. "Q", THERMOWELL, 1"-3000# THREADED HALF COUPLING	SA240-316L S/S
28	1	SS-B-009-3	NOZ. "R", LEVEL, 3" PAD FLANGE	SA240-316L S/S
28a	1		NOZ. "O" & "R", ALCOVE, 12 GA. X 9 1/2" X 16" I.D. X 13 1/2" X 19 7/8" O.D. X 60" L.A.	SA240-304 S/S
29	4	SS-A-084	LIFTING LUG, 1/4" PL. X 1 1/2" X 7 1/4"	SA240-304 S/S
30	300 SF		2" THK. INSULWOOD INSULATION CHLORIDE FREE CERAMIC FIBER	
31	1		ASME DATA PLATE	304 S/S



ITEM NO.	NO. REV'D	PART NO. (OR) DRAWING NO.	DESCRIPTION	
1	1		SHELL, 1/4" PL. X 96" I.D. X 90" S.W.	SA240-316L S/S
2	1		TOP HEAD, 5/16" PL. 80-10 X 96" I.D. X 77" D.R. X 10" K.R. X 1" S.F. X 22 13/16" F.L.D.	SA240-316L S/S
3	1		BOT. HEAD, 5/16" PL. 80-10 X 96" I.D. X 77" D.R. X 10" K.R. X 1" S.F. X 22 13/16" F.L.D.	SA240-316L S/S
4	4		LEG, B" SCH. 40S PIPE X 49 7/8" LG.	SA312-304 S/S
4a	4	SS-A-077-16	LEG BASE PLATE, 1" PL. X 12" X 12" W/ (2) 7/8" DIA. HOLES	304 S/S
4b	3		LEG BRACING, 3" SCH. 40S PIPE X 57 3/4" LG.	304 S/S
5	1		BREAST RING, 10 GA. X 96 5/8" I.D. X 102 3/4" O.D. X 120" L.A.	SA240-304 S/S
5a	1		BREAST RING BAND, 10 GA. X 102 1/2" O.D. X 1" S.W.	304 S/S
6	1		OUTER JACKET, 12 GA. X 102 3/4" O.D. X 115 3/16" S.W.	304 S/S
7	1		OUTER BOTTOM HEAD, 12 GA. FLAT X 102 1/2" O.D. X 3/8" K.R. X 1/4" S.F.	304 S/S
7a	1		HEAD ALCOVE, 12 GA. X 9 1/2" I.D. X 12 1/8" O.D. X 60" L.A. X 2 1/2" DEEP	SA240-304 S/S
8	1		HTS JACKET, 14 GA. (DIMPLED) X 96 1/2" I.D. X 32" S.W. X 360"	SA240-304 S/S
8a	1		HTS JACKET, 14 GA. (DIMPLED) X 96 1/2" I.D. X 40" S.W. X 360"	SA240-304 S/S
9	1		HTS JACKET BOTTOM HEAD, 14 GA. (DIMPLED) X 12" I.D. X 82" O.D. X 77 5/16" L.S. RAD.	SA240-304 S/S
10	1		VACUUM RING, 3" X 3" X 1/4" ANGLE X 96 1/2" I.D. (ROLL LEG IN)	SA479-304 S/S
11	1		NOZ. "A", 18" QUICK OPENING MANWAY, TUBE TURNS TYPE 75-TBV (ASME CERT.)	304/316L S/S
11a	1		W/ TEFLOX ENCAPSULATED SILICONE GASKET	
12	1	SS-B-019	NOZ. "A" REPAD, MANWAY, 1/4" PL. X 18 1/8" I.D. X 22 1/8" O.D.	SA240-304 S/S
13	1		NOZ. "B", SIGHT GLASS, 4" ASSEMBLY (ASME CERT.)	316L S/S
13a	1		NOZ. "C", AGITATOR, B" SCH. 40S PIPE X 6" LG.	SA182-316L S/S
13b	1		NOZ. "C" AGITATOR REPAD, 3/8" PL. X 8 3/4" I.D. X 14 3/4" O.D.	SA240-304 S/S
13c	4		NOZ. "C" AGITATOR GUSSET, 3/8" PL. X 7" TALL X 3" WIDE (TRIM AS REQUIRED)	SA240-304 S/S
14	1		NOZ. "D", NITROGEN, 1"-150# R.F.S.O. FLANGE	SA182-316L S/S
14a	1		NOZ. "D" EXT., NITROGEN, 1" SCH. 40S PIPE X 7 3/4" LG.	SA312-316L S/S
15	1		NOZ. "E", LIQUID INLET, 1"-150# R.F.S.O. FLANGE	SA182-316L S/S
15a	1		NOZ. "E" EXT., LIQUID INLET, 1" SCH. 40S PIPE X 7 3/4" LG.	SA312-316L S/S
15b	1		NOZ. "F", SCRUBBER VENT, 4"-150# R.F.S.O. FLANGE	SA182-316L S/S
15c	1		NOZ. "F" EXT., SCRUBBER VENT, 4" SCH. 40S PIPE X 6 7/8" LG.	SA312-316L S/S
16a	1		NOZ. "F" REPAD, SCRUBBER VENT, 3/16" PL. X 4 5/8" I.D. X 8 5/8" O.D.	SA240-304 S/S
16b	1		NOZ. "G", LEVEL, 3"-150# R.F.S.O. FLANGE	SA182-316L S/S
17	1		NOZ. "G" EXT., LEVEL, 3" SCH. 40S PIPE X 8 1/4" LG.	SA312-316L S/S
17a	1		NOZ. "H", INLET, 4"-150# R.F.S.O. FLANGE	SA182-316L S/S
18	1		NOZ. "H" EXT., INLET, 4" SCH. 40S PIPE X 8 1/2" LG.	SA312-316L S/S
18a	1		NOZ. "H" REPAD, INLET, 3/16" PL. X 4 5/8" I.D. X 8 5/8" O.D.	SA240-304 S/S
18b	1		NOZ. "I", INLET, 2"-150# R.F.S.O. FLANGE	SA182-316L S/S
19	1		NOZ. "I" EXT., INLET, 2" SCH. 40S PIPE X 22" LG.	SA312-316L S/S
19a	1		NOZ. "I" ELBOW, 2" SCH. 40S 45° L.R., B.W. PIPE ELBOW	316L S/S
19b	1		NOZ. "I" ELBOW EXT., 2" SCH. 40S PIPE X 7 1/8" LG.	SA182-316L S/S
19c	1		NOZ. "J", INLET, 4"-150# R.F.S.O. FLANGE	SA182-316L S/S
20a	1		NOZ. "J" EXT., INLET, 4" SCH. 40S PIPE X 8 1/2" LG.	SA312-316L S/S
20b	1		NOZ. "J" REPAD, INLET, 3/16" PL. X 4 5/8" I.D. X 8 5/8" O.D.	SA240-304 S/S

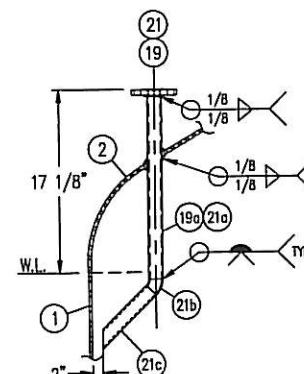
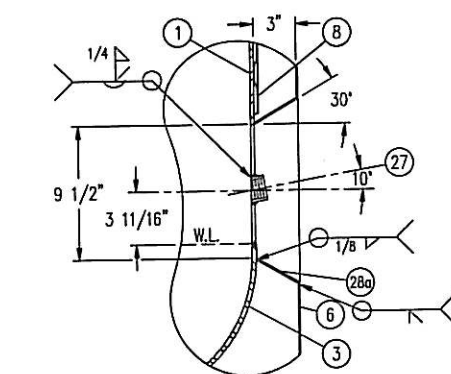
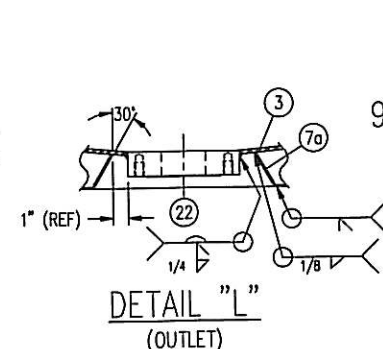
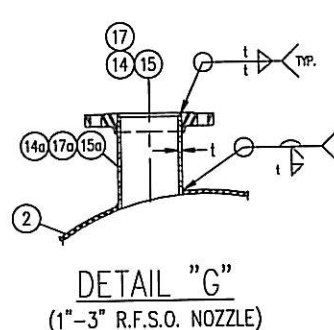
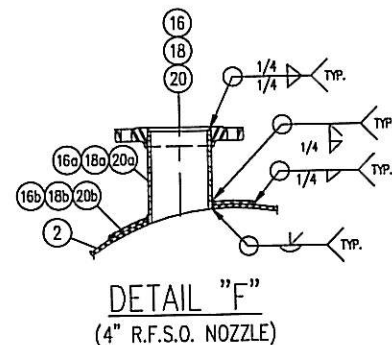
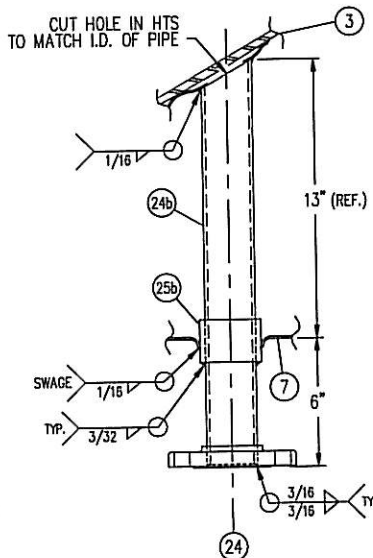
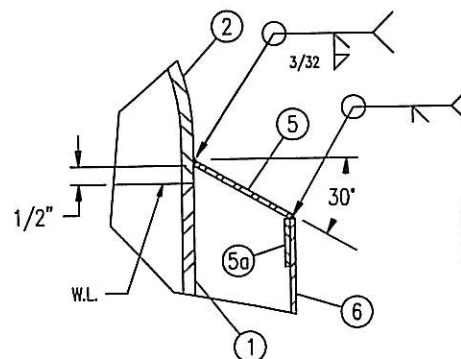
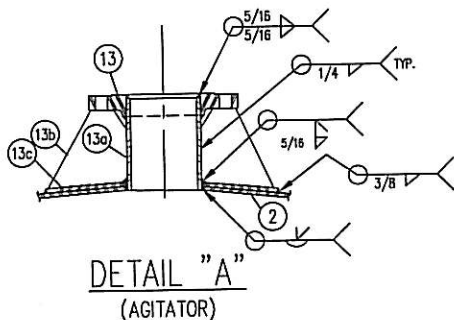


WORK WITH DRAWING DDD0507
ASME



NOTES		
1. Flange Bolt Holes To Straddle Major Vertical And Horizontal Vessel Center Lines Unless Indicated Otherwise.		
2. The Corrosion Resistance Of The Equipment Is Not The Responsibility Of Stainless Fabrication, Inc. With Out Written Acceptance Based On A Specific Service.		
3. Suitable Pressure And/Or Vacuum Relief Valve(s) Must Be Installed By Customer For Vessel And/Or Heat Transfer Surface Operation.		
4. Design And Tolerances Are In Accordance With The Latest Edition Of The "ASME" Boiler And Pressure Vessel Code, Section VIII, Division 1, 1995, Addendum (A95).		
5. Protection To Provide Protection For All Nozzles And Fittings Prior To Shipment. Vessel Must Be Adequately Ventilated.		
6. Weld Seams In Vessel Head And Shell Shall Be Located Where Possible To Avoid Nozzles, Access Openings, And Reinf. Pads.		
7. All Reinforcement Pads Must Be Provided With (1) One 1/8" Dia. Weephole Located At Lowest Point When Vessel Is In Its Normal Operating Position.		
8. Welding Procedures Per Section IX, ASME Boiler & Pressure Vessel Code, Stainless To Stainless-- Carbon To Stainless-- 00000716-1, 00000721-1, 00000715-2, 01000716-2, 01000721-1 00000717-2, 00000723-1		
9. Minimum Design Metal Temperature --20° F.		
MATERIAL		FINISH
Shell: 1/4" PL 316L S/S	HRAP/HRAP	
Head, Top: 5/16" PL 316L S/S	HRAP/#4	
Head, Bottom: 5/16" PL 316L S/S	HRAP/HRAP	
Jacket: 12 GA. 304 S/S	2B/#4	
Head, Top: N/A	N/A	
Head, Bottom: 12 GA. 304 S/S	2B/#4	
Breast Ring: 10 GA. 304 S/S	2B/#4	
HEAT TRANSFER SURFACE		
Shell: 14 GA. DIMPLED 304 S/S	2B/2B	
Heads: 14 GA. DIMPLED 304 S/S	2B/2B	
Insulation: 2" THK. CHLORIDE FREE CERAMIC FIBER		
Paint, Heat Transfer Surface: NO		
Paint: N/A		
WELD FINISH		
INTERIOR: BUFFED		
EXTERIOR: BUFFED		
HEAT TRANSFER SURFACE: HEAT TINT REMAINING		
SPECIFICATIONS	VESSEL	HEAT TRANSFER SURFACE:
ASME Code, Sec. VII, Div. 1.	YES	YES
Insp. and Stamp	YES	YES
Max. Design Temp ° F	100	100
Max. Design Press PSIG	50	90
Corrosion Allowance (inch)	0	0
Specific Gravity	1.4	1.07
Hydrostatic Test PSIG	75	135
Vacuum Design In. Hg.	29.92	29.92
Heating Medium	N/A	N/A
Cooling Medium	N/A	NOTE 10
Radiograph	NOTE 11	NO
SCALE N/A	14	DO NOT SCALE DRAWING
DRAWN BY L. CLARK	DATE 8/14/96	
CHECKED J. CROTTS	DATE 9/5/96	
APPROVED	DATE	
ESTIMATED EMPTY WEIGHT	7500 LBS.	
Customer _____		
Address _____		
Customer Order No. _____		
TITLE		
3,000 GALLON DOUBLE WALL FILTRATE TANK (TAG. # 70-D-230)		
SHIP TO: _____		
QUANTITY REQUIRED (1) ONE		
 Stainless Fabrication, Incorporated 4455 N. Kearney Springfield, MO 65803 (417) 855-5000		
This drawing is the property of Stainless Fabrication, Inc. Do not print, photograph, copy or use for any purpose other than that for which it is specifically furnished.		
COMPUTER GENERATED DRAWING		
SALES ORDER NO. & SERIAL NO.	DRAWING NO.	REV.
3757	DDM0506	A

ITEM NO.	NO. REQ'D	PART NO. (OR) DRAWING NO.	DESCRIPTION	
32	4		BAFFLES, 7 GA. X 8" WIDE X 82" LG.	316L S/S
32a	16		BAFFLE TAB, 7 GA. X 1" WIDE X 3" LG.	316L S/S
32b	16		BAFFLE ROD, 1/2" DIA. ROUND BAR X 12 5/16" LG.	316L S/S
33	2		LADDER STRINGER, 2" X .065" WALL TUBE X 140 3/16" LG. (POLISHED O.D.)	304 S/S
33a	9		LADDER RUNG, 1/2" X .065" WALL TUBE X 13" LG. (POLISHED O.D.)	304 S/S
33b	2		LADDER BRACE, 2" X .065" WALL ELBOW X 4" LG. (POLISHED O.D.)	304 S/S
33c	3	LS2	LADDER ELBOW, 2" X .065" WALL ELBOW X 4" LG. (POLISHED O.D.)	304 S/S
34	4		LADDER MOUNT SUB, 1/4" X 3" F.B. X 7 13/16" LG.	304 S/S
34a	4		LADDER MOUNT WELD PAD, 10 GA. X 2" X 4" TALL (2B/4)	304 S/S
34b	2		LADDER MOUNT SUB, 1/4" X 3" F.B. X 10 1/2" LG.	304 S/S
35	1		LADDER STEP, 14 GA. (DIMPLED) X 8 1/2" X 16"	304 S/S
35a	2		LADDER STEP GUSSET, 10 GA. X 5 1/2" X 6 1/2"	304 S/S



DETAIL "K"
(THERMOWELL COUPLING)

DETAIL "L"
(LIQUID INTLET)

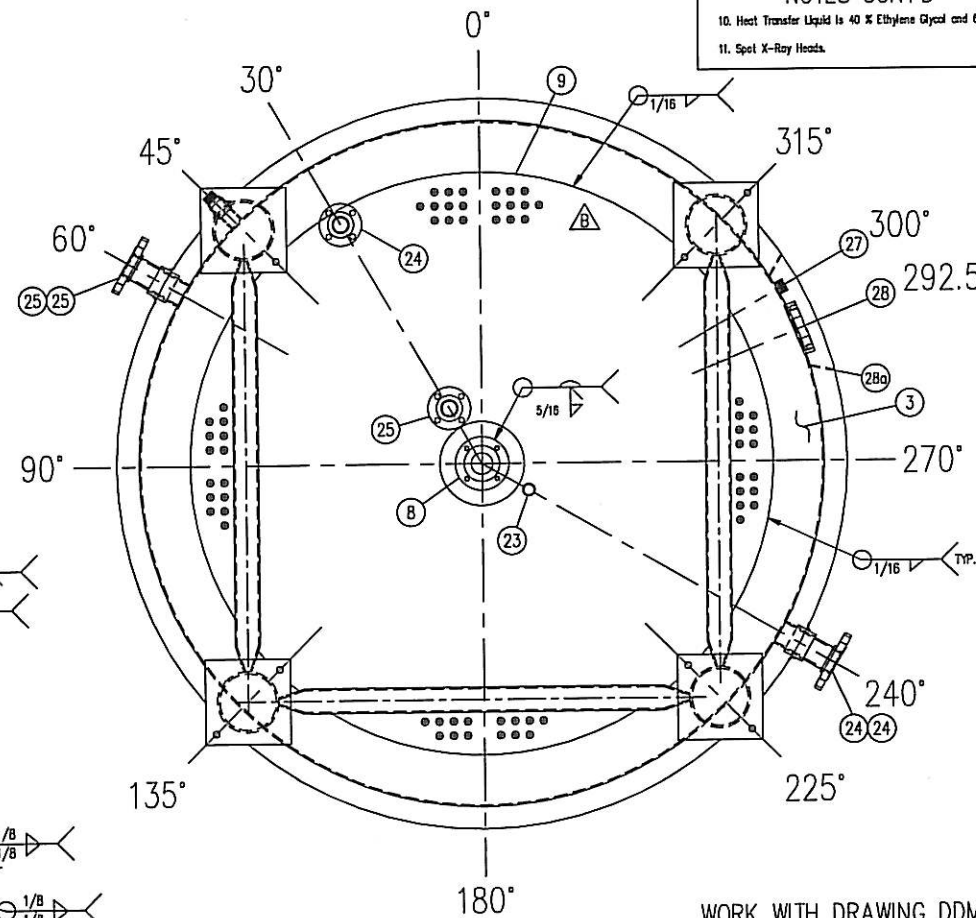
DETAIL "J"
(LEVEL PAD FLANGE)

DETAIL "H"
(H.T.S. PRESSURE & DRAIN COUPLINGS)

ITEM NO.	NO. REQ'D	PART NO. (OR) DRAWING NO.	DESCRIPTION	
21	1		NOZ. "K" SPARE, 2"-150# R.F.S.O. FLANGE	SA182-316L S/S
21a	1		NOZ. "K" SPARE EXT., 2" SCH. 40S PIPE X 22" LG.	SA312-316L S/S
21b	1		NOZ. "K" ELBOW, 2" SCH. 40S 45° L.R., B.W. PIPE ELBOW	316L S/S
21c	1		NOZ. "K" ELBOW EXT., 2" SCH. 40S PIPE X 7 1/8" LG.	316L S/S
22	1	SS-B-009-3	NOZ. "L" DRAIN, 3" PAD FLANGE	SA240-316L S/S
23	1		NOZ. "M" JACKET DRAIN, 1"-3000# THREADED HALF COUPLING	SA182-316L S/S
23a	1		NOZ. "M" EXT. DRAIN, 1 1/2" SCH. 40S PIPE X 4 5/8" LG.	SA312-304 S/S
23b	1		NOZ. "M" SLEEVE DRAIN, 2" SCH. 80S PIPE X 2" LG.	SA312-304 S/S
24	3		NOZ. "N" JACKET OUT, 3"-150# R.F.S.O. FLANGE	SA182-304 S/S
24a	2		NOZ. "N" EXT. JACKET OUT, 3" SCH. 40S PIPE X 9" LG.	SA312-304 S/S
24b	1		NOZ. "N" EXT. JACKET OUT, 3" SCH. 40S PIPE X 18 3/4" LG.	SA182-304 S/S
25	3		NOZ. "O" JACKET IN, 3"-150# R.F.S.O. FLANGE	SA182-304 S/S
25a	3		NOZ. "O" EXT. JACKET IN, 3" SCH. 40S PIPE X 9" LG.	SA312-304 S/S
25b	6		NOZ. "N" & "O" SLEEVE, JACKET IN, 3 1/2" SCH. 40S PIPE X 2" LG.	SA182-304 S/S
26	1		NOZ. "P" JACKET PRESSURE, 1"-3000# THREADED HALF COUPLING	SA312-304 S/S
26a	1		NOZ. "P" EXT. PRESSURE, 1 1/2" SCH. 40S PIPE X 4 5/8" LG.	SA312-304 S/S
26b	1		NOZ. "P" SLEEVE PRESSURE, 2" SCH. 80S PIPE X 2" LG.	SA182-304 S/S
27	1		NOZ. "Q" THERMOWELL, 1"-3000# THREADED HALF COUPLING	SA240-316L S/S
28	1	SS-B-009-3	NOZ. "R" LEVEL 3" PAD FLANGE	SA240-304 S/S
28a	1		NOZ. "Q" & "R", ALCOVE, 12 GA. X 9 1/2" X 16" L.D. X 13 1/2" X 19 7/8" O.D. X 60" I.A.	SA240-304 S/S
29	4	SS-A-064	X 3 1/4" DEEP	SA240-304 S/S
30	300	SF	LIFTING LUG, 1/4" PL. X 1 1/2" X 7 1/4"	
31	1		2" THK. INSULWOL INSULATION CHLORIDE FREE CERAMIC FIBER	304 S/S
			ASME DATA PLATE	

ITEM NO.	NO. REQ'D	PART NO. (OR) DRAWING NO.	DESCRIPTION	
1	1		SHELL, 1/4" PL. X 96" I.D. X 90" S.W.	SA240-316L S/S
2	1		TOP HEAD, 5/16" PL. 80:10 X 96" I.D. X 77" D.R. X 10" K.R. X 1" S.F. X 22 13/16" F.I.D.	SA240-316L S/S
3	1		BOT. HEAD, 5/16" PL. 80:10 X 96" I.D. X 77" D.R. X 10" K.R. X 1" S.F. X 22 13/16" F.I.D.	SA240-316L S/S
4	4		LEG, 8" SCH. 40S PIPE X 49 7/8" LG.	SA312-304 S/S
4a	4	SS-A-077-16	LEG BASE PLATE, 1" PL. X 12" X 12" w/(2) 7/8" DIA. HOLES	304 S/S
4b	3		LEG BRACING, 3" SCH. 40S PIPE X 57 3/4" LG.	304 S/S
5	1		BREAST RING, 10 GA. X 96 5/8" I.D. X 102 3/4" O.D. X 120" I.A.	SA240-304 S/S
5a	1		BREAST RING BAND, 10 GA. X 102 1/2" O.D. X 1" S.W.	304 S/S
6	1		OUTER JACKET, 12 GA. X 102 3/4" O.D. X 115 3/16" S.W.	304 S/S
7	1		OUTER BOTTOM HEAD, 12 GA. FLAT X 102 1/2" O.D. X 3 3/8" K.R. X 1/4" S.F.	SA240-304 S/S
7a	1		HEAD ALCOVE, 12 GA. X 9 1/2" I.D. X 12 1/8" O.D. X 60" I.A. X 2 1/2" DEEP	SA240-304 S/S
8	1		HTS JACKET, 14 GA. (DIMPLED) X 96 1/2" I.D. X 32" S.W. X 360"	SA240-304 S/S
8a	1		HTS JACKET, 14 GA. (DIMPLED) X 96 1/2" I.D. X 40" S.W. X 360"	SA240-304 S/S
9	1		HTS JACKET BOTTOM HEAD, 14 GA. (DIMPLED) X 12" I.D. X 82" O.D. X 77 5/16" I.S. RAD.	SA240-304 S/S
10	1		VACUUM RING, 3" X 3" X 1/4" ANGLE X 96 1/2" I.D. (ROLL LEG IN)	SA479-304 S/S
11	1		NOZ. "A", 18" QUICK OPENING MANWAY, TUBE TURNS TYPE 75-TBV (ASME CERT.)	304/316L S/S
11a	1		W/ TEFLOON ENCAPSULATED SILICONE GASKET	SA240-304 S/S
12	1	SS-B-019	NOZ. "A" REPAD, MANWAY, 1/4" PL. X 18 1/8" I.D. X 22 1/8" O.D.	316L S/S
13	1		NOZ. "B", SIGHT GLASS, 4" ASSEMBLY (ASME CERT.)	SA182-316L S/S
13a	1		NOZ. "C", AGITATOR, 8"-150# R.F.S.O. FLANGE	SA312-316L S/S
13b	1		NOZ. "C" EXT. AGITATOR, 8" SCH. 40S PIPE X 6" LG.	SA240-304 S/S
13c	4		NOZ. "C", AGITATOR REPAD, 3/8" PL. X 8 3/4" I.D. X 14 3/4" O.D.	SA240-304 S/S
14	1		NOZ. "C", AGITATOR GUSSET, 3/8" PL. X 7" TALL X 3" WIDE (TRIM AS REQUIRED)	SA240-304 S/S
14a	1		NOZ. "D", NITROGEN, 1"-150# R.F.S.O. FLANGE	SA182-316L S/S
14b	1		NOZ. "D" EXT. NITROGEN, 1" SCH. 40S PIPE X 7 3/4" LG.	SA312-316L S/S
15	1		NOZ. "E", LIQUID INLET, 1"-150# R.F.S.O. FLANGE	SA182-316L S/S
15a	1		NOZ. "E" EXT., LIQUID INLET, 1" SCH. 40S PIPE X 7 3/4" LG.	SA312-316L S/S
15b	1			
15c	1			
16	1		NOZ. "F", SCRUBBER VENT, 4"-150# R.F.S.O. FLANGE	SA182-316L S/S
16a	1		NOZ. "F" EXT. SCRUBBER VENT, 4" SCH. 40S PIPE X 8 7/8" LG.	SA312-316L S/S
16b	1		NOZ. "F" REPAD, SCRUBBER VENT, 3/16" PL. X 4 5/8" I.D. X 8 5/8" O.D.	SA240-304 S/S
17	1		NOZ. "G", LEVEL 3"-150# R.F.S.O. FLANGE	SA182-316L S/S
17a	1		NOZ. "G" EXT. LEVEL 3" SCH. 40S PIPE X 8 1/4" LG.	SA312-316L S/S
18	1		NOZ. "H", INLET, 4"-150# R.F.S.O. FLANGE	SA182-316L S/S
18a	1		NOZ. "H" EXT. INLET, 4" SCH. 40S PIPE X 8 1/2" LG.	SA312-316L S/S
18b	1		NOZ. "H" REPAD, INLET, 3/16" PL. X 4 5/8" I.D. X 8 5/8" O.D.	SA240-304 S/S
19	1		NOZ. "I", INLET, 2"-150# R.F.S.O. FLANGE	SA182-316L S/S
19a	1		NOZ. "I" EXT. INLET, 2" SCH. 40S PIPE X 22" LG.	SA312-316L S/S
19b	1		NOZ. "I" ELBOW, 2" SCH. 40S 45° L.R., B.W. PIPE ELBOW	316L S/S
19c	1		NOZ. "I" ELBOW EXT., 2" SCH. 40S PIPE X 7 1/8" LG.	316L S/S
20	1		NOZ. "J", INLET, 4"-150# R.F.S.O. FLANGE	SA182-316L S/S
20a	1		NOZ. "J" EXT. INLET, 4" SCH. 40S PIPE X 8 1/2" LG.	SA312-316L S/S
20b	1		NOZ. "J" REPAD, INLET, 3/16" PL. X 4 5/8" I.D. X 8 5/8" O.D.	SA240-304 S/S

NOTES CONT'D
10. Heat Transfer Liquid is 40 % Ethylene Glycol and 60% Water.
11. Spot X-Ray Heads.



△ BOTTOM VIEW
(BOTTOM OUTER HEAD & LEG BRACES NOT SHOWN)

WORK WITH DRAWING DDM0506



B	AS-BUILT: (ITEM 4b) WAS QUAN. 4, REMOVED TO MISS NOZZLE #24	L.C.		10/01/96
A	LEG WAS 63 7/16" LG. (ITEM 4); (ITEM 15a) WAS 21 1/2" LG.; DELETED (ITEMS 15b & 15c) ELBOW AND EXT.; ADDED (2) 2" 45° ELBOWS & EXT. (ITEMS 21b & 21c); ADDED BAFFLES (ITEMS 32-32b); (ITEMS 19a & 21a) WERE 8" LG.; ADDED LADDER (ITEMS 33 - 35a)	L.C.	K.M.	10/01/96
SYM.	REVISION	REV'D BY	CHK'D BY	DATE

NOTES

- Flange Bolt Holes To Straddle Major Vertical And Horizontal Vessel Center Lines Unless Indicated Otherwise.
- The Corrosion Resistance Of The Equipment Is Not The Responsibility Of Stainless Fabrication, Inc. With Out Written Acceptance Based On A Specific Service.
- Substitute Pressure And/or Vacuum Relief Valve(s) Must Be Installed By Customer For Vessel And/or Heat Transfer Surface Operation.
- Design And Tolerances Are In Accordance With The Latest Edition Of The "ASME" Boiler And Pressure Vessel Code, Section VIII, Division 1, 1995, Addendum (A95).
- Protection To Provide Protection For All Hazards And Filings Prior To Shipment. Vessel Must Be Adequately Ventilated.
- Weld Seams In Vessel Head And Shell Shall Be Located Where Possible To Avoid Hazards, Access Openings, And Rest Pads.
- All Reinforcement Pads Must Be Provided With (1) One 1/8" Dia. Weephole Located At Lowest Point When Vessel Is In Its Normal Operating Position.
- Welding Procedures Per Section IX, ASME Boiler & Pressure Vessel Code, Stainless To Stainless - Darken To Stainless-0808GT16-1, 0808GT21-1, 0808GT16-2, 0808GT31-1, 0808GT16-2, 0108GT31-1
- Minimum Design Metal Temperature: -20° F.

MATERIAL

Shell:	1/4" PL. 316L S/S	HRAP/HRAP
Head, Top:	5/16" PL. 316L S/S	HRAP/#4
Head, Bottom:	5/16" PL. 316L S/S	HRAP/HRAP
Jacket:	12 GA. 304 S/S	2B/#4
Head, Top:	N/A	N/A
Head, Bottom:	12 GA. 304 S/S	2B/#4
Breast Ring:	10 GA. 304 S/S	2B/#4

HEAT TRANSFER SURFACE

Shell:	14 GA. DIMPLED 304 S/S	2B/2B
Heads:	14 GA. DIMPLED 304 S/S	2B/2B
Insulation:	2" THK. CHLORIDE FREE CERAMIC FIBER	
Paint, Heat Transfer Surface:	NO	
Paint:	N/A	

WELD FINISH

INTERIOR:	BUFFED
EXTERIOR:	BUFFED

HEAT TRANSFER SURFACE: HEAT TINT REMAINING

SPECIFICATIONS	VESSEL	HEAT TRANSFER SURFACE:
ASME Code, Sec. VIII, Div. 1,	YES	YES
Insp. and Stamp	YES	YES
Max. Design Temp. ° F	100	100
Max. Design Press PSIG	50	90
Corrosion Allowance (inch)	0	0
Specific Gravity	1.4	1.07
Hydrostatic Test PSIG	75	135
Vacuum Design In. Hg.	29.92	29.92
Heating Medium	N/A	N/A
Cooling Medium	N/A	NOTE 10
Radiograph	NOTE 11	NO

SCALE	N/A	14	DO NOT SCALE DRAWING
DRAWN BY	L. CLARK	DATE	8/14/96
CHECKED	J. CROTTIS	DATE	9/5/96
APPROVED		DATE	
ESTIMATED EMPTY WEIGHT	7500 LBS.		

Customer	
Address	
Customer Order No. (	

TITLE	3,000 GALLON DOUBLE WALL FILTRATE TANK DETAILS (TAG. # 70-D-230)
SHIP TO:	STAINLESS FABRICATION, INC.
QUANTITY REQUIRED	(1) ONE

SALES ORDER NO.	DRAWING NO.	REV.
3757	DDD0507	△