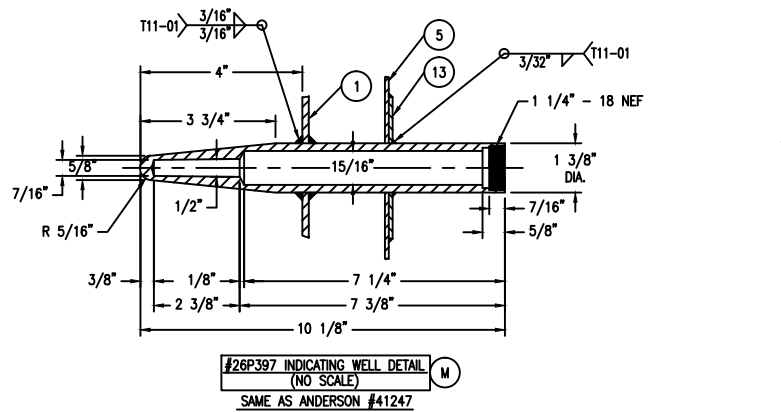
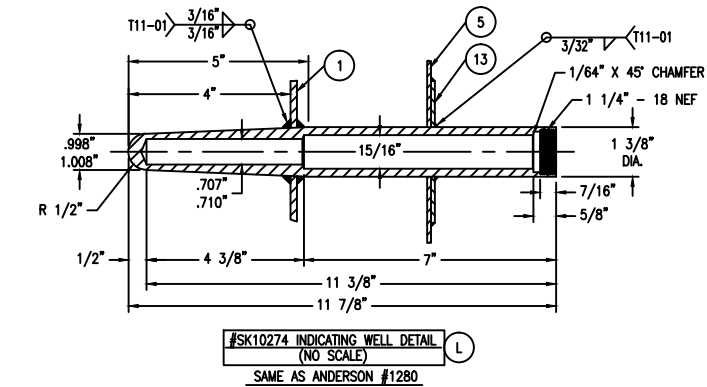
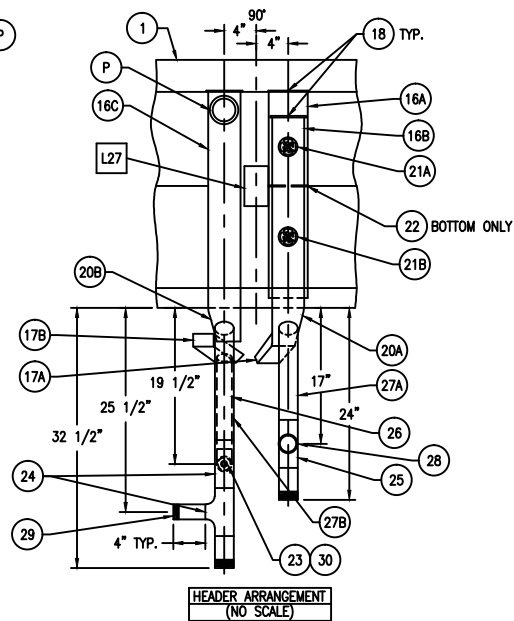
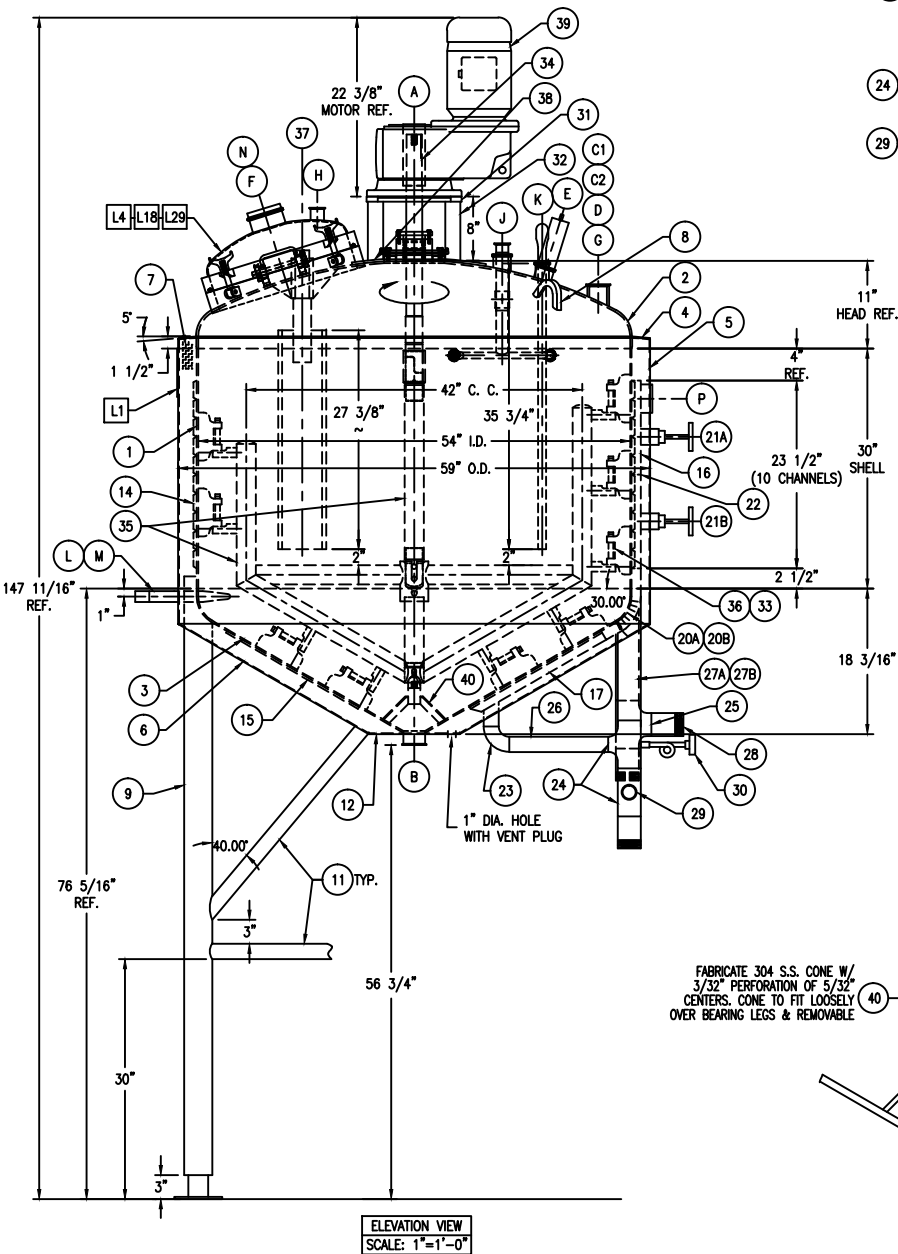
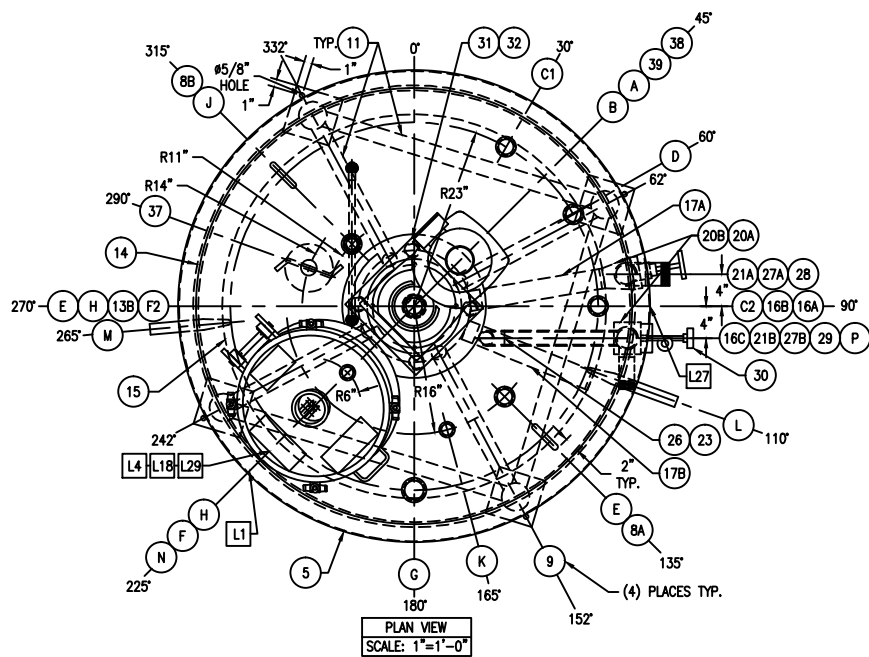




MATERIAL SCHEDULE					
ITEM	QTY.	SIZE/THICK	MATERIAL	SA #	DESCRIPTION
1	1	7 GA.	316L S.S.	240	INNER SHELL
2	1	1/4" THK.	316L S.S.	240	(F & D) TOP HEAD - 54" D.R. - 3 1/2" K.R. W/ 1 1/2" S.F.
3	1	7 GA.	316L S.S.	240	INNER BOTTOM HEAD (30" CONE) - 3 1/2" K.R. W/ 1" S.F.
4	1	7 GA.	304 S.S.	240	BREAST RING
5	1	12 GA.	304 S.S.	----	OUTER WRAP
6	1	12 GA.	304 S.S.	----	BOTTOM EXTERIOR CONE
7	1	2 1/2"	TIW	----	FIBERGLASS (SIDES & BOTTOM)
8	2	3/4" ROUND	304 S.S.	479	LIFT LUGS
9	4	3" SCH.40	304 S.S.	312	PIPE LEGS W/ 1/4" X 6" X 6" ADJ. FLOOR PADS
11	7	1 1/2" SCH.40	304 S.S.	----	PIPE LEG BRACING
12	1	10 GA.	304 S.S.	240	OUTLET ESCUTCHEON
13	11	14 GA.	304 S.S.	240	LEG & FITTING ESCUTCHEONS (NOT SHOWN)
14	1	16 GA.	304 S.S.	240	HEAT EXCHANGE SURFACE (CHANNEL)
15	1	14 GA.	304 S.S.	240	HEAT EXCHANGE SURFACE (DIMPLE)
16	3	10 GA.	304 S.S.	240	CHANNEL HEADERS
17	2	10 GA.	304 S.S.	240	DIMPLE HEADERS
18	7	3/16" THK. & 10 GA.	304 S.S.	240	(5) 3/16" THK. END CAPS & (2) 10 GA. END CAPS
19	1	14 GA.	304 S.S.	240	HEADER STRIP (NOT SHOWN)
20	2	10 GA.	304 S.S.	240	JUMPER HEADER
21	2	----	304 S.S.	351	INTERNAL ZONE CONTROL VALVES
22	1	3/16" THK.	304 S.S.	240	ZONE BAFFLE
23	1	1 1/2" SCH.40	304 S.S.	403	90° ELBOW
24	2	2 1/2" X 1 1/2" SCH.40	304 S.S.	403	REDUCING TEE
25	1	2 1/2" SCH.40	304 S.S.	403	TEE
26	1	1 1/2" SCH.40	304 S.S.	312	PIPE HEADER
27	2	2 1/2" SCH.40	304 S.S.	312	INLET & OUTLET HEADER
28	1	2 1/2" SCH.40	304 S.S.	312	STEAM INLET NIPPLE - 4" LONG W/ CAP
29	1	1 1/2" SCH.40	304 S.S.	312	CONDENSATE OUTLET NIPPLE - 4" LONG
30	1	1/4" NPT	304 S.S.	182	3000# CPLG. (PRESSURE GAUGE & SYPHON)
31	1	3/4" THK.	304 S.S.	----	MOTOR MOUNT
32	4	1 1/2" SCH.40	304 S.S.	----	MOTOR MOUNT PIPE SUPPORTS
33	9	6"	NYLON	----	BLADES
34	1	1 15/16" X 2 1/8"	316L S.S.	----	MOTOR SHAFT ADAPTER
35	1	2" SCH.40	316L S.S.	----	AGITATOR PIPE SHAFT & FRAME
36	9	----	316L S.S.	----	SCRAPER BLADE HANGERS
37	1	2" ROUND	316L S.S.	479	BAFFLE (ADJ. & REMOVABLE) W/ SA240, 316L S.S. ESC.
38	1	1/4" THK. X 18" O.D.	316L S.S.	240	REINFORCING COLLAR FOR MOTOR
39	1	3 / 1 1/2 H.P.	----	----	NORD TWO SPEED CLINCHER HELICAL GEAR MOTOR, 3 / 1 1/2 H.P.
40	1	24/12 RPM, 380 VOLTS, 3 PH., 50 HZ., TEFC, SINGLE WINDING, CONSTANT TORQUE, FRAME #SK4382AF-BH-100-L4	----	----	1 15/16" DIA. HOLLOW BORE WITH 1/2" X 1/2" KEY, H5 MOUNTING POSITION, S.S. PAINT
40	1	16 GA.	304 S.S.	----	CONE OUTLET SCREEN

NOZZLE SCHEDULE					
ITEM	QTY	STUB	SA #	FLANGE	SA #
A	1	----	----	----	----
B	1	316L S.S.	312	----	2 1/2"
C	2	316L S.S.	312	----	2"
D	1	316L S.S.	312	----	2"
E	1	316L S.S.	312	----	2"
F	1	316L S.S.	479	----	4"
G	1	316L S.S.	312	----	2 1/2"
H	1	316L S.S.	479	----	1 1/2"
J	1	316L S.S.	312	----	2"
K	1	316L S.S.	479	----	1 1/2"
L	1	316L S.S.	479	----	1 1/4" NEF
M	1	316L S.S.	479	----	1 1/4" NEF
N	1	----	316L S.S.	182	18" DIA.
P	1	304 S.S.	182	----	2 1/2" NPT

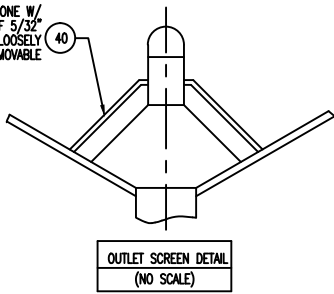
SEAL T11-01

VESSEL 30 & -15 PSIG MAMP AT 325°F
MIN DESIGN METAL TEMP -20°F AT 30 PSI
JACKET 75 PSIG MAMP AT 325°F
MIN DESIGN METAL TEMP -20°F AT 75 PSI
SERIAL NO. _____ DATE _____
CAPACITY 350 GAL MATL 316L S.S.
MODEL MELT TANK DWG _____

ITEM	PART #	QTY.	DESCRIPTION
L1	MH895-4B	1	ASME NAME TAG
L4	GF991-18	1	RELIEVE PRESSURE
L18	GF991-18	1	AIR OUT TANK
L27	H0991-27	1	HOT SURFACES
L29	RP991-29	1	ROTATING PARTS
L30	CP991-30	1	MANHOLE C.I.P.

STANDARD INFORMATION:
ASME: YES PER SECTION VIII, DIV. 1-1998 - A99
DESIGN PRESSURE & TEMP.: VESSEL: 30 PSIG & -15 PSIG AT 325°F/-20°F.
JACKET: 75 PSIG AT 325°F/-20°F.
HYDRO TEST AT AMBIENT: VESSEL: 40 PSIG
JACKET: 250 PSIG
CORROSION ALLOWANCE: NONE
PASSNATION REQ'D.: NO
SHOP TOLERANCE: ±1/8", ±2" FOR LOCATION, & ±1/2" FOR LEVELNESS
RADIOGRAPH: NO
N.D.E. NO
P.W.H.T.: NO
TANK CONTENTS: GELATIN
SP. GR.: 1.0
APPROX. EMPTY WEIGHT: 2,300 LBS.
FINISH: INTERIOR SURFACES - #4 SANITARY FINISH (RA 18-22)
WELDS - F-6 (150 GRIT - SILICONE CARBIDE - RA 18-22)
EXTERIOR SURFACES - #4 INDUSTRIAL FINISH (RA 35-40)
WELDS - F-5 (150 GRIT - ALUMINUM OXIDE - RA 35-40)

REV.	DATE	ISSUE	REVISION DESCRIPTION	APP'D. BY
1			SPECIAL NOTES: 1. ALL WELDS TO BE CONTINUOUS & FULL PENETRATION UNLESS SHOWN OTHERWISE. 2. EXPOSED INSIDE EDGES OF NOZZLES OR MANHOLES SHALL BE SMOOTH & CORNERS SHALL BE CHAMFERED OR ROUNDED. 3. IT IS THE RESPONSIBILITY OF THE USER TO INSURE THAT THE VESSEL IS ADEQUATELY VENTED TO PREVENT PRESSURE AND / OR VACUUM BUILDUP EXCEEDING DESIGN CONDITIONS. 4. 1/4" DIA. WEEP HOLE IN ALL SECTIONS OF REINFORCING COLLARS. 5. DO NOT COAT WITH THURMALOX 70.	



SCALE: 1"=1'-0"	CHECKED BY:	DRAWN BY: S.SMITH
DATE: 06-20-00	APPROVED BY:	REVISED: 
300 GALLON 316L S.S. MELT TANK		
JOB:		DRAWING NUMBER:
NOTE! DO NOT SCALE THIS DRAWING!		