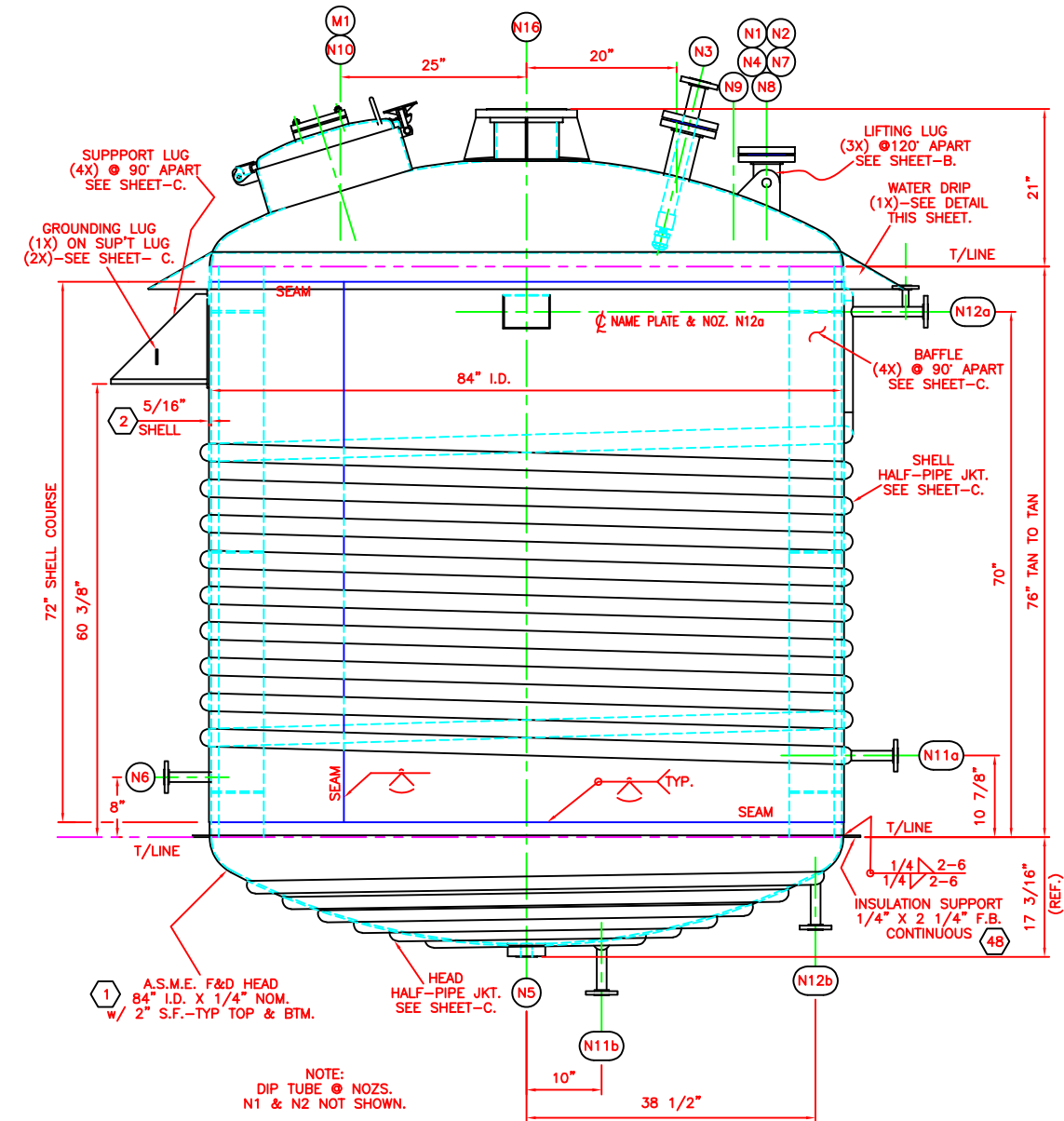
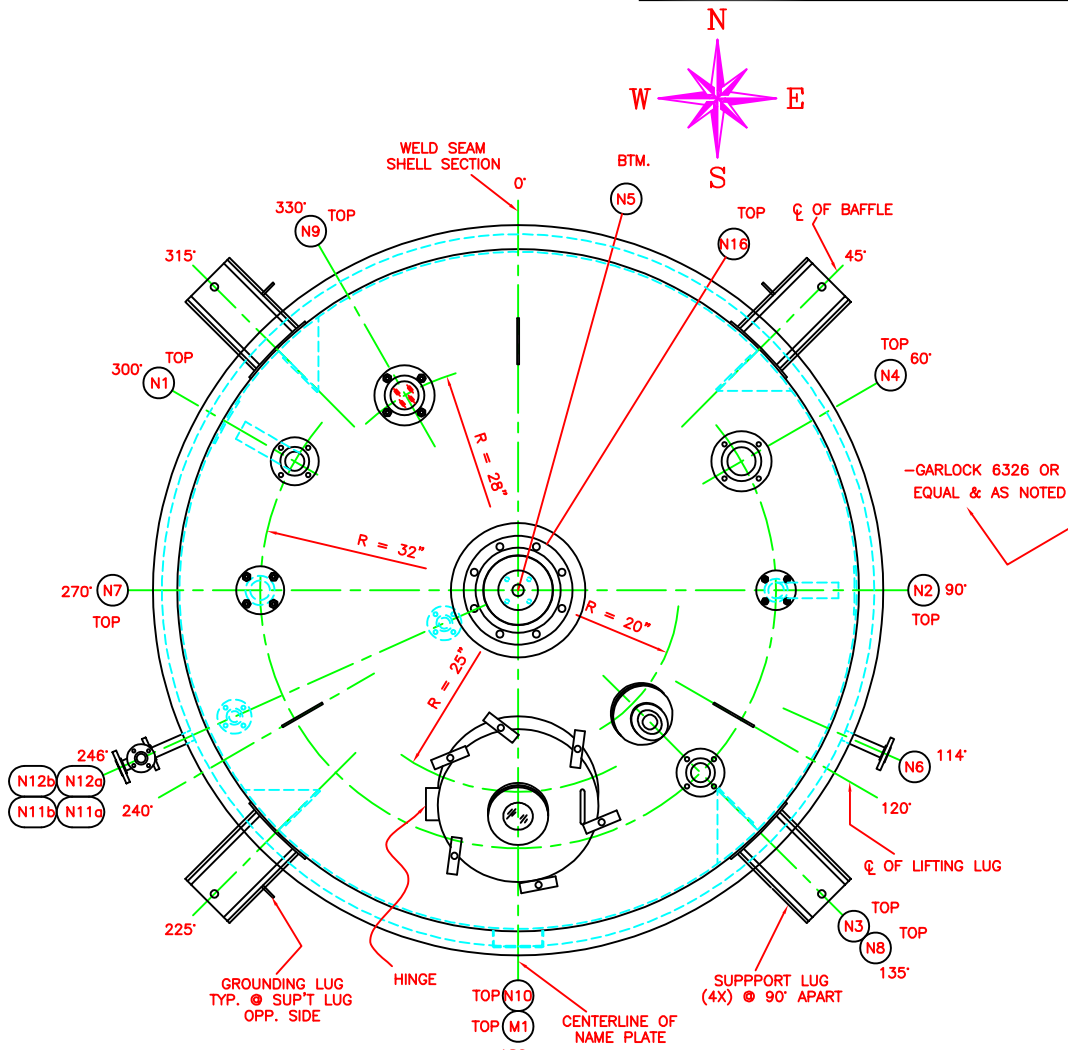
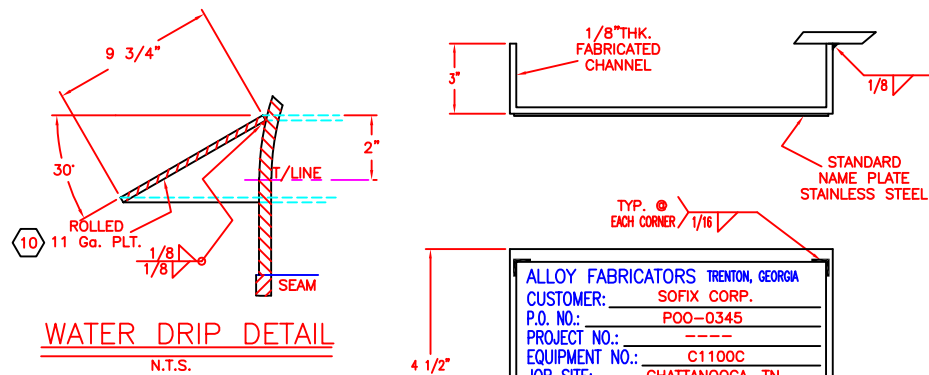




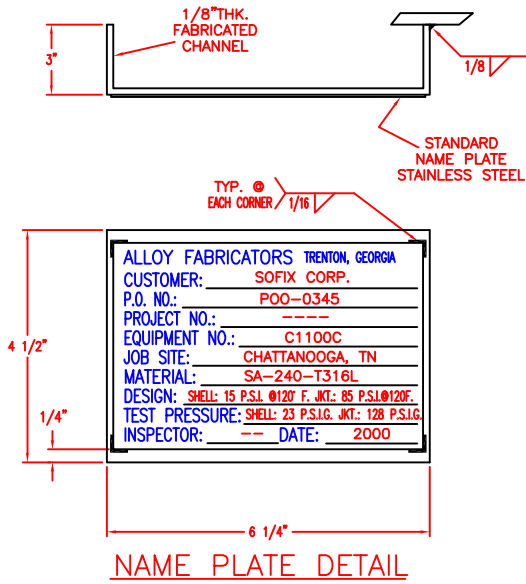
ELEVATION



PLAN



WATER DRIP DETAIL
N.T.S.



NAME PLATE DETAIL

SHIPPING LIST		
QTY.	ITEM	ITEM NO.
4	SUPPORT LUGS-SEE DETAIL SHEET-C	39
---	---	40
---	---	---
---	---	---
---	---	---
---	---	---
---	---	---
---	---	---

VESSEL SPECIFICATION

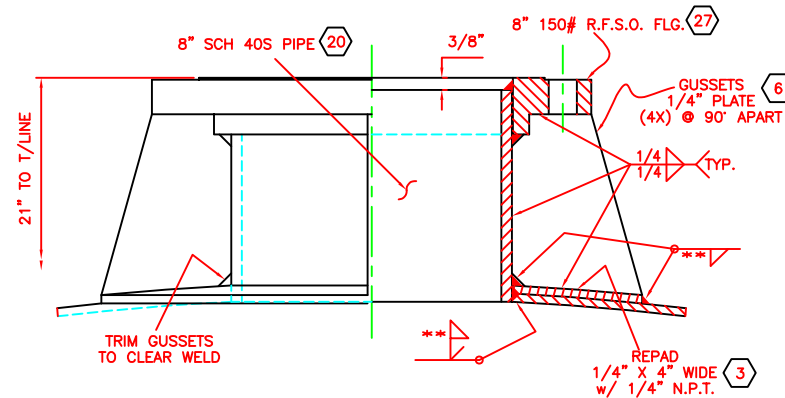
DESIGN CODE	ASME CODE SECTION VIII		HOLD POINTS	1. FIT-UP
	DIVISION I 1998 EDITION			2. WELDING
	1999 ADDENDA			3. TESTING
				4.
				5.
				6.
CODE STAMP: NOT REQ'D				
DESIGN CONDITION	DESIGN P.S.I.	VESSEL	JACKET	
	15		85	
	M.A.W.P.	15 P.S.I. @ 120' F.	85 P.S.I. @ 120' F.	
	TEMP.	120 F.	120 F.	
	CORR. ALLOW.	NONE	NONE	
	X-RAY	NONE	NONE	
	JOINT. EFF.	70%	70%	
	TEST P.S.I.G.	23	128	
	M.D.M.T.	-5' F. @ 15 P.S.I.G.	-5' F. @ 85 P.S.I.G.	
P.W.H.T.	N/A	N/A		
INSP.	CUST. SOFIX CORPORATION			
	A.F.I. OUR QUALITY CONTROL			

VESSEL MATERIALS		VESSEL	JACKET	
	HEADS	SA-240-T316L		
	SHELL	SA-240-T316L		
	PIPE	SA-312-TP316L	SA-312-TP304(L)	
	FLG'S.	SA-182-F316L	SA-182-F304(L)	
	PADS	SA-240-T316L		
	BOLTS	SA-193-B7		
	NUTS	SA-194-2H		
	SUPT'S	SA-36		
	GSK'T	-----		
	L.L.	SA-240-T316L		
	INSUL.	BY OTHERS		
	DRAWING STATUS	CERTIFIED		
RELEASED FOR FABRICATION				
NON-DESTRUCTIVE EXAMINATION	DATE _____			
	PROJECT ENGINEER _____			
WELDING	FULL PENETRATION AS NOTED AS PER A.F.I. WELD SPEC. NO.:			
	8-8-A, 8-8-B, 8-8-AD			
	1-8-B			
	1-1-A			
SURFACE FIN.	ALL WELDS-SMOOTH AS WELDED.			
	PICKLE & PASSIVATE ALL STAINLESS STEEL			
	SANDBLAST ALL C.S. PER SSPC-SP6.			
VESSEL DATA	CONTENTS: -- SP. GR. = --			
	CAPACITY: 2,228 GALLONS APPROX.			
	WT. EMPTY: 5,040 LBS. APPROX.			
	WT. WITH CONTENTS: 23,633 LBS. APPROX. w/WATER			
REMARKS	FLG. FACE FINISH: STANDARD AS PURCHASED			
	COVER ALL OPENINGS PRIOR TO SHIPMENT			
	FLG. BOLT HOLES TO STRADDLE TANK CENTERLINES			
	UNLESS OTHERWISE NOTED.			
TOLERANCES	IMPACT TESTING IS EXEMPT PER UHA-51 (d)(1)(a).			
	DRAWN BY: TERRY REYNOLDS			
	CHECKED BY: DAVID PARHAM			
	OVERALL DIM.: ±1/4"			
CUST. DATA	NOZ. PROJ. AND LOCATION: ±1/4"			
	SUPT. AND LUG LOCATION: ±1/4"			
	FLG. FACE LEVEL: ±1/2"			
	ORIENTATION: ±1/4"			
DESCRIPTION	P.O.NO.: P00-0345			
	EQUIP. No.: C1100C			
	PROJ. No.: --			
	PLANT: CHATTANOOGA, TN			
REV.	ALLOY FABRICATORS, INC.			
	TRENTON, GA.			
	CUSTOMER			
	SOFIX CORPORATION			
REV.	DWG. TITLE			
	CONDENSATION REACTOR			
	DATE	PLOT SCALE	DRAWING NO. 1 of 3	ISSUE
	5-22-00	1 = 16	00-172-A	2

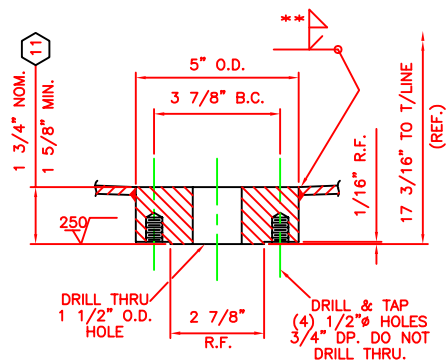
MK.	NO.	REQ'D	SIZE	FLG. DESCRIPTION	MAT'L.	NOZZ. NECK	SERVICE	REMARKS
M1	1	20"		HUBER	T304L	----	MANWAY	510 SWING-BOLT
N16	1	8"	150#	R.F.S.O. FLG. SA-182-F316L	SCH 40S PIPE	AGITATOR	-----	
N12	2	1"	150#	F.F.S.O. FLG. SA-182-F304	SCH 40S PIPE	BRINE OUTLET	-----	
N11	2	1"	150#	F.F.S.O. FLG. SA-182-F304	SCH 40S PIPE	BRINE INLET	-----	
N10	1	4"	J.G.	PAPAILIAS T316L	-----	SIGHT GLASS	MODEL NW-80	
N9	1	4"	J.G.	PAPAILIAS T316L	-----	SIGHT GLASS	MODEL NW-80	
N8	1	2"	150#	R.F.S.O. FLG. SA-182-F316L	SCH 40S PIPE	VENT	-----	
N7	1	2"	150#	R.F.S.O. FLG. SA-182-F316L	SCH 40S PIPE	SPARE	w/ BLIND	
N6	1	1"	150#	R.F.S.O. FLG. SA-182-F316L	SCH 40S PIPE	TE	-----	
N5	1	1 1/2"	1 3/4"	PLATE SA-479-T316L	-----	LIQUID OUTLET	-----	
N4	1	3"	150#	R.F.S.O. FLG. SA-182-F316L	SCH 40S PIPE	SPARE	w/ BLIND	
N3	1	3"	150#	R.F.S.O. FLG. SA-182-F316L	SCH 40S PIPE	LIQUID INLET	w/ 1" INSERT & SPRAYER	
N2	1	1 1/2"	150#	R.F.S.O. FLG. SA-182-F316L	SCH 40S PIPE	SPARE	w/ BLIND & DIP TUBE	
N1	1	2"	150#	R.F.S.O. FLG. SA-182-F316L	SCH 40S PIPE	LIQUID INLET	w/ DIPTUBE	

NOZZLE SCHEDULE

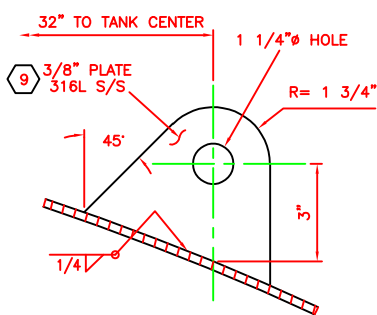
REV.	DATE	CHK'D BY	REV. BY	DESCRIPTION	REV.
8-4		T.R.		AS BUILT	2
6-8		T.R.		REV. PER CUST. APP. ORIG. ISSUE TO SHOP	1



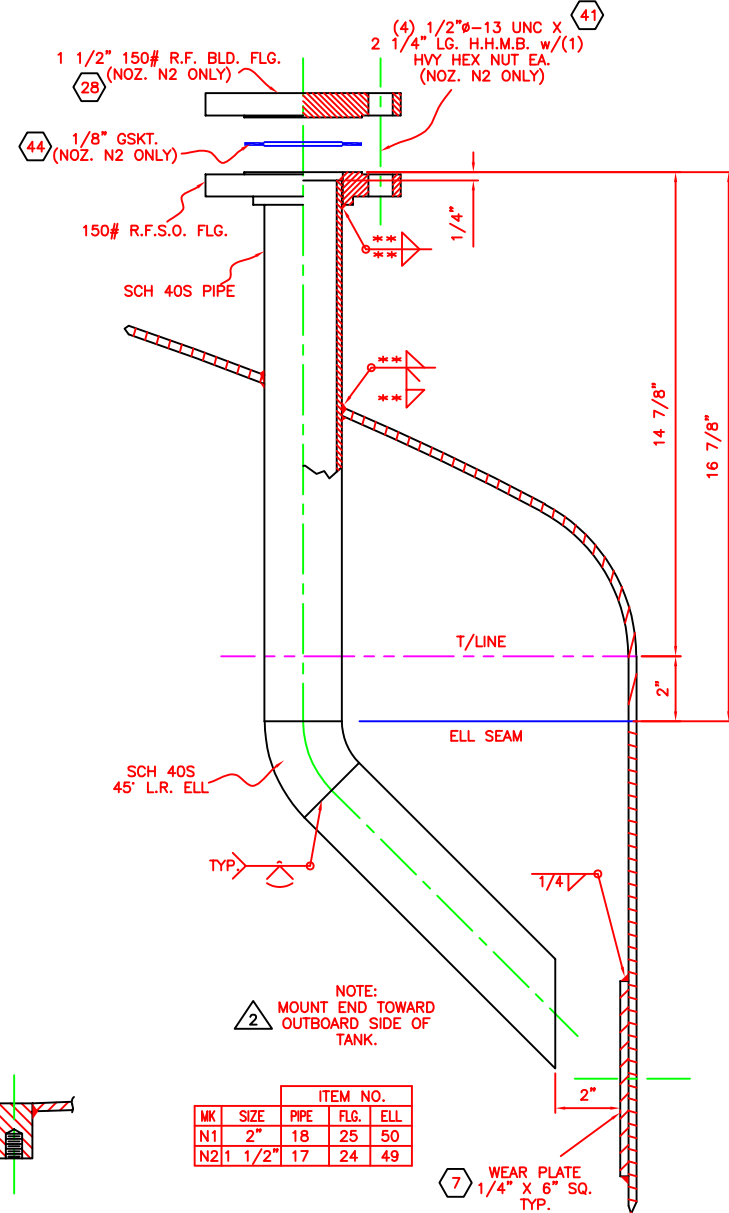
DETAIL NOZ. N16



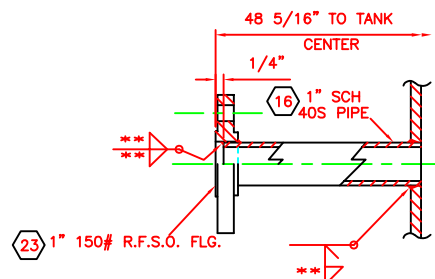
DETAIL NOZ. N5



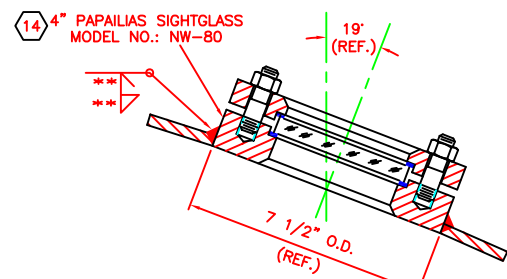
LIFTING LUG DETAIL
(3X) @ 120° APART



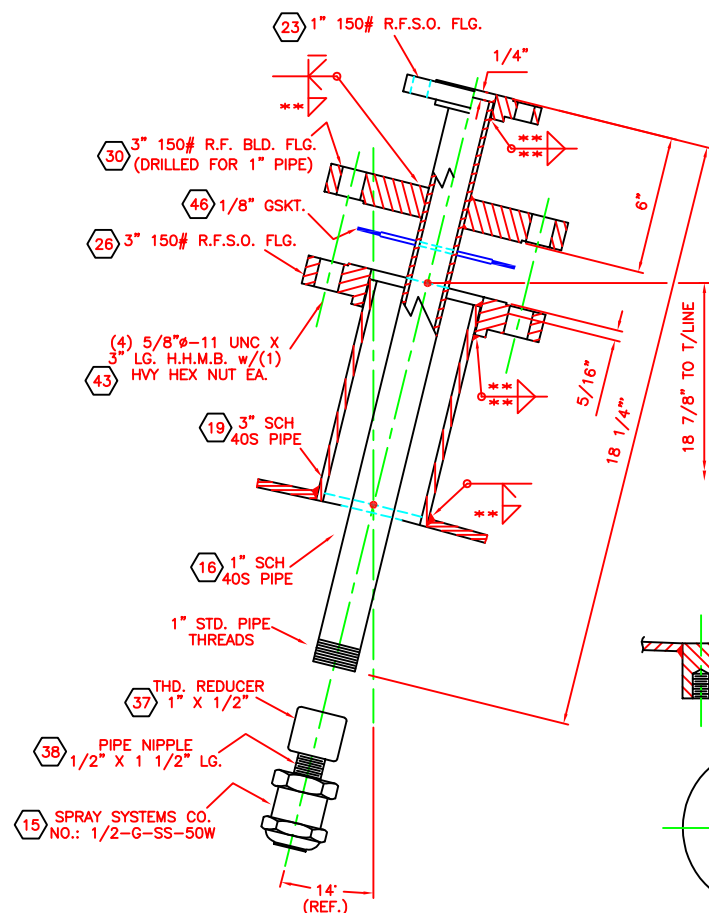
DETAIL NOZS. N1 & N2



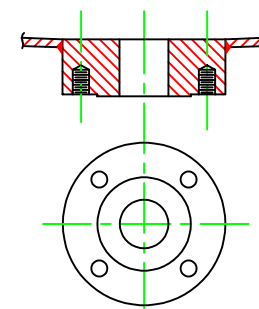
DETAIL NOZ. N6



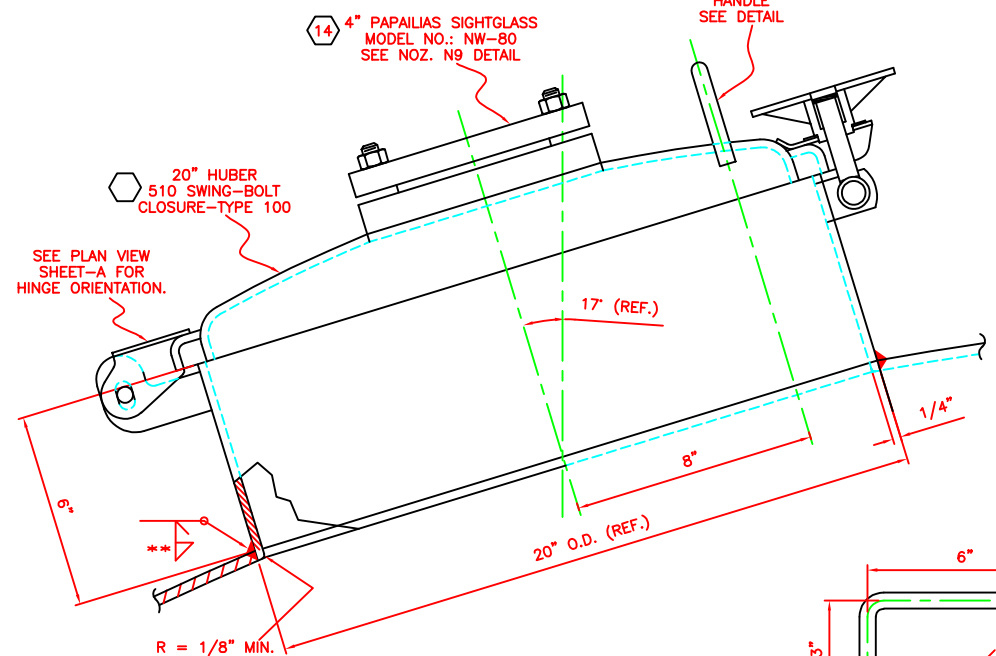
DETAIL NOZ. N9 & N10



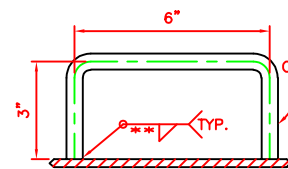
DETAIL NOZ. N3



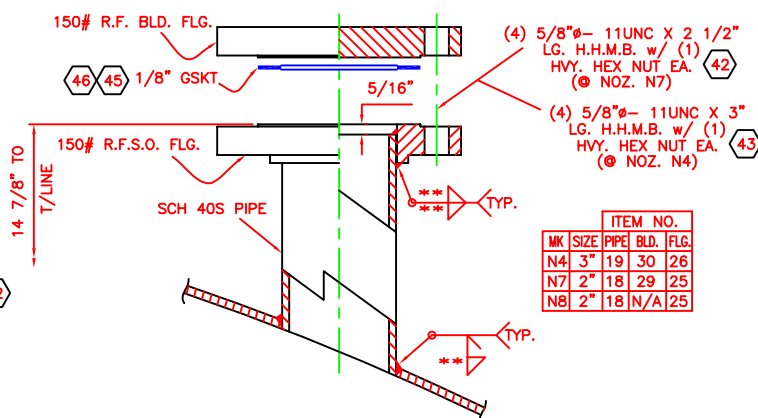
DETAIL NOZ. N5



DETAIL NOZS. N10 & M1



HANDLE DETAIL
(1X)



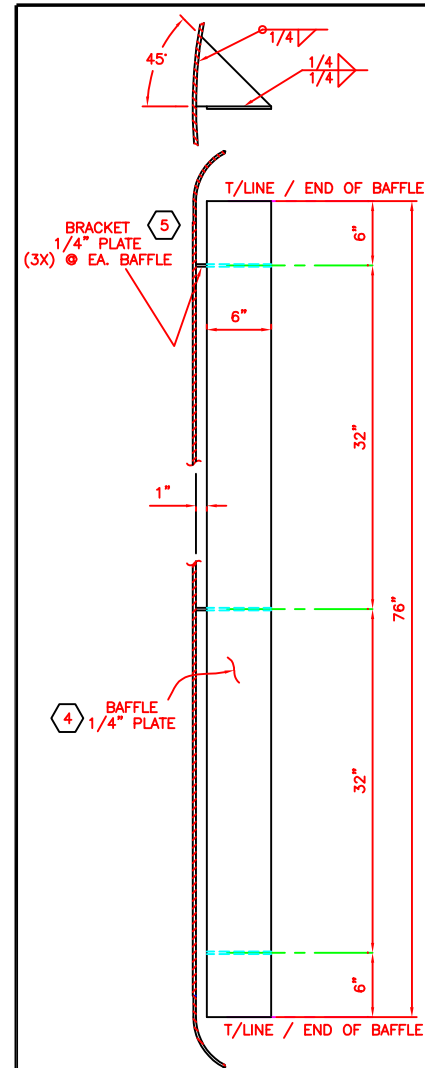
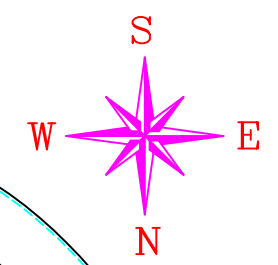
DETAIL NOZS. N4, N7 & N8

		ITEM NO.		
MK	SIZE	PIPE	FLG.	ELL
N1	2"	18	25	50
N2	1 1/2"	17	24	49

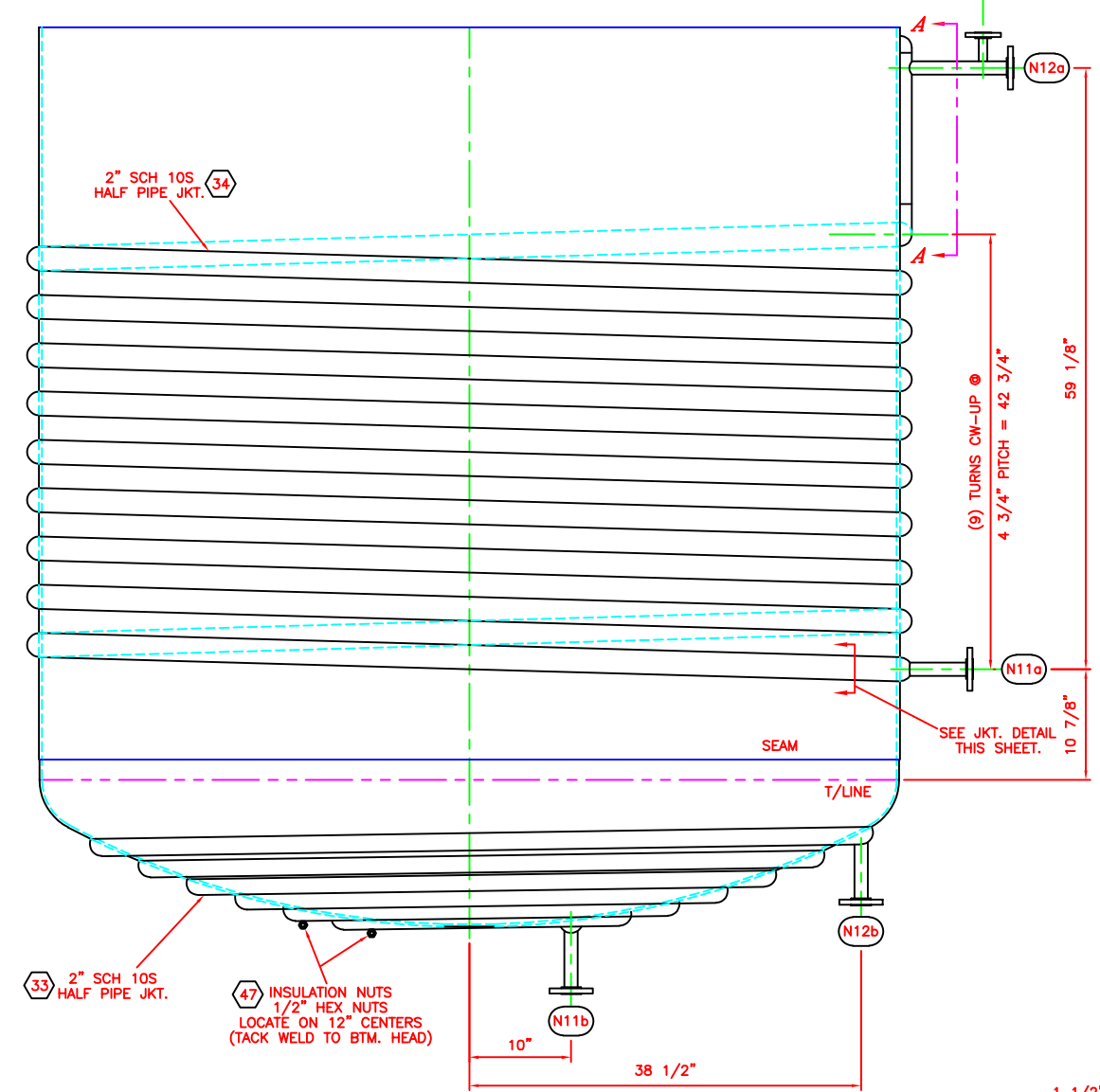
** FILLET SIZE EQUAL TO THINNER OF PIPE WALL OR PLATE THICKNESS.

CERTIFIED
RELEASED FOR FABRICATION
DATE _____
PROJECT ENGINEER _____

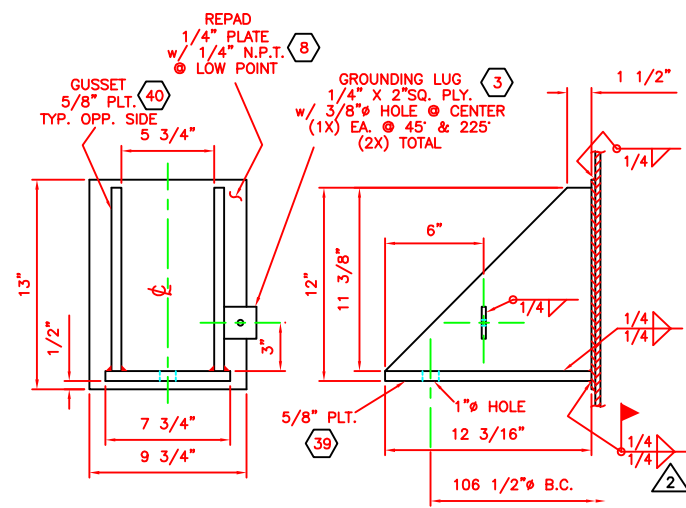
DRAWING STATUS		CUST. DATA	
DATE REC'D	DATE REC'D	P.O. NO.:	DATE
8-4-20	8-20-20	P00-0345	
CHK'D BY	CHK'D BY	EQUIP. No.:	
9-1-20	9-1-20	C1100C	
REV. BY	REV. BY	PROJ. No.:	
T.R.	T.R.	---	
REV. BY	REV. BY	DRAWN BY:	
T.R.	T.R.	TERRY REYNOLDS	
REV. BY	REV. BY	CHECKED BY:	
T.R.	T.R.	DAVID PARHAM	
AS BUILT	DESCRIPTION	ALLOY FABRICATORS, INC.	
3	SUBSTITUTED 45° ELL FOR PIPE BEND	TRENTON, GA.	
2	PER. CUST. APP. ORG. ISSUE TO SHOP	CUSTOMER	
1		SOFIX CORPORATION	
		DWG. TITLE	
		CONDENSATION REACTOR	
DATE	PLOT SCALE	DRAWING NO.	ISSUE
5-24-00	1 = 4	00-172-B	3



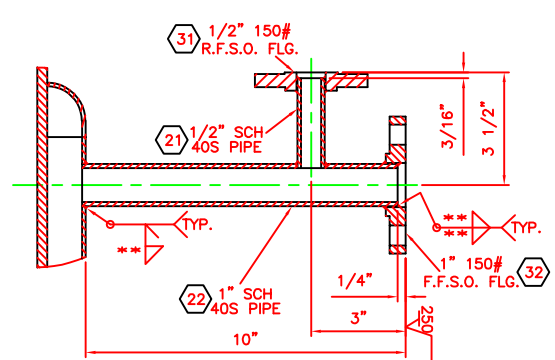
BAFFLE DETAIL
TYP. (4X) @ 90° APART



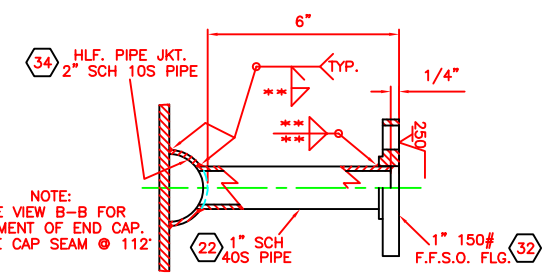
SHELL/HEAD JKT DETAIL



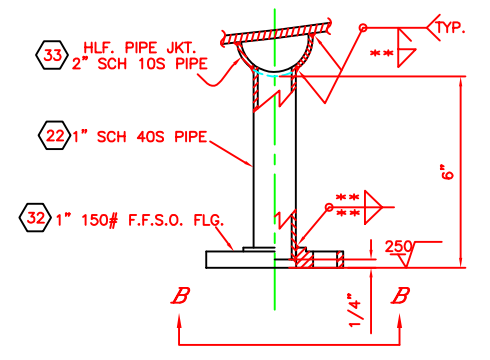
SUPPORT LUG DETAIL
TYP. (4X) @ 90° APART
SHIP LOOSE



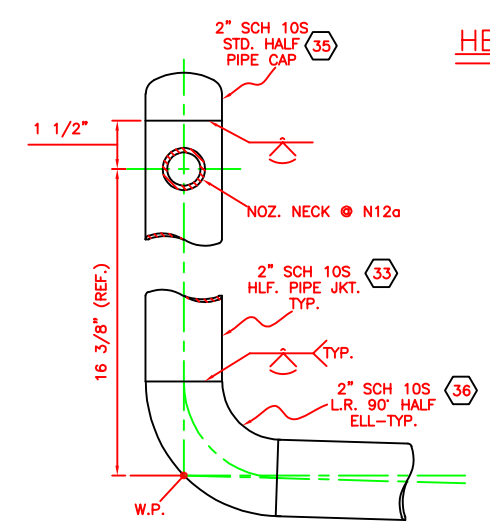
DETAIL NOZ. N12a



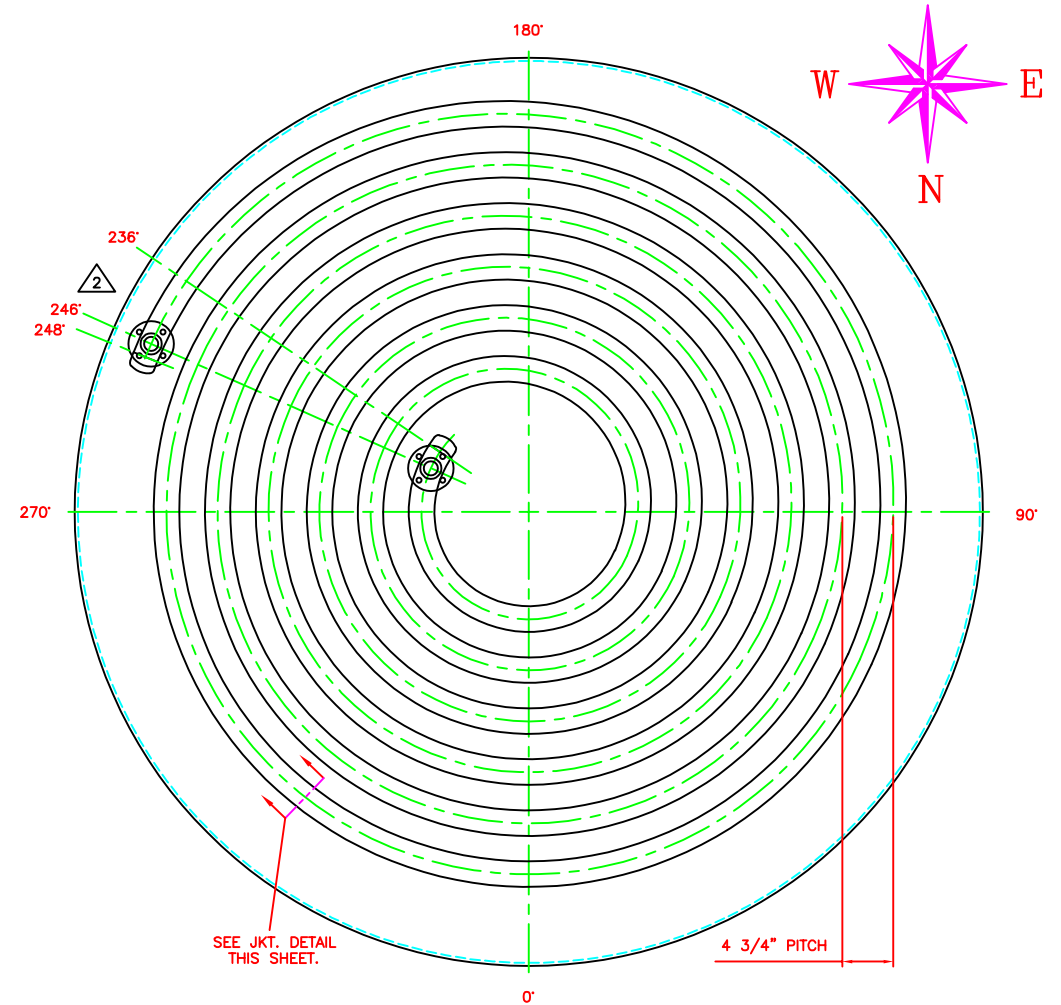
DETAIL NOZ. N11a



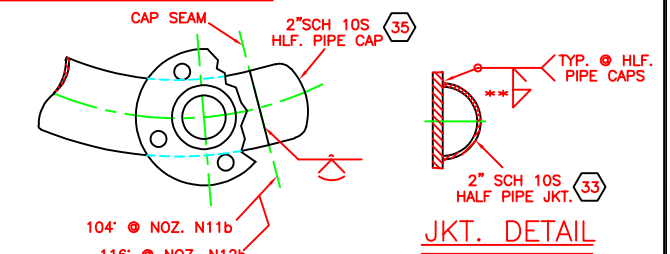
DETAIL NOZ. N11b & N12b



SECTION A-A



HEAD JKT. BTM. VIEW



VIEW B-B

JKT. DETAIL

** FILLET SIZE EQUAL TO THINNER OF PIPE WALL OR PLATE THICKNESS.

CERTIFIED
RELEASED FOR FABRICATION
DATE _____
PROJECT ENGINEER _____

DATE RECD. 8-4-6		DATE RECD. 8-8-6		CHK'D BY: CHK'D BY:		CUST. DATA	P.O.NO.: <i>P00-0345</i>		EQUIP. No.: <i>C1100C</i>		PROJ. No.: <i>--</i>		DRAWN BY: <i>TERRY REYNOLDS</i>		CHECKED BY: <i>DAVID PARHAM</i>	
REV. BY: T.R.		REV. BY: T.R.		REV. BY: T.R.			ALLOY FABRICATORS, INC.		TRENTON, GA.		CUSTOMER		DWG. TITLE			
AS BUILT		REV. PER. CUST. APP. ORG. ISSUE TO SHOP		DESCRIPTION			<i>SOFIX CORPORATION</i>						<i>CONDENSATION REACTOR</i>			
8-1-22		8-8-6		REV.		DATE <i>5-22-00</i>	SCALE <i>1 = 12</i>	DRAWING NO. 3 of 3 <i>00-172-C</i>		ISSUE <i>2</i>						

ALLOY FABRICATORS, INC.
TRENTON, GA.
CUSTOMER
SOPIX CORPORATION
DWG. TITLE
CONDENSATION REACTOR