

VESSEL SPECIFICATION

DESIGN CODE	ASME CODE SECTION VIII	HOLD POINTS	1. FIT-UP
	DIV. I 1989 EDITION		2. WELDING
	1989 ADDENDA		3. TESTING
			4.
			5.
			6.

CODE STAMP: NOT REQUIRED

DESIGN CONDITION	VESSEL	JACKET	COIL
	P.S.I.G.	15	85
	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 PSIG	-5°F @ 85 PSIG
INSP.	P.W.H.T.	N/A	N/A
	CUST. SOFIX CORPORATION	A.F.I. OUR QUALITY CONTROL	

VESSEL MATERIALS	HEADS	SA-240T-316L	JACKET
	SHELL	SA-240T-316L	
	PIPE	SA-312TP-316L	SA-312TP-304
	FLG'S.	SA-182F-316L	SA-182F-304
	PADS	SA-240T-316L	
	BOLTS	SA-193-B7	
	NUTS	SA-194-2H	
	SUPT'S	SA-36	
	GSK'T	GARLOCK 6326 OR EQUAL & AS NOTED	

CERTIFIED

RELEASED FOR FABRICATION

PROJECT ENGINEER DATE

ORIGINAL RELEASE DATE: 8-7-91

FULL PENETRATION AS NOTED AS PER A.F.I. WELD SPEC. NO. 1-1-A, 1-8-B, 8-8-A, 8-8-B, & 8-8-AD

INTERNAL NOZZLE WELDS SHALL BE GROUND SMOOTH ALL OTHER WELDS SMOOTH AS WELDED.

PICKLE & PASSIVATE ALL STAINLESS STEEL
SANDBLAST ALL C/S PER SSPC-SP6.

PAIN ALL C/S w/PORTER 7501 MAGNA PRIME (5.0 MILLS D.F.T.)

CONTENTS: SP. GR. = 1.61
CAPACITY: 2,228 GALLONS APPROX.
WT. EMPTY: 5,040 LBS. APPROX.
WT. WITH CONTENTS: 23,633 LBS. APPROX. w/WATER
FLG. FACE FINISH: STANDARD AS PURCHASED

COVER ALL OPENINGS PRIOR TO SHIPMENT

DRAWN BY: TIM GASS
CHECKED BY: KEVIN MULLINS

OVERALL DIM.: ±1/4"
NOZ. PROJ. AND LOCATION: ±1/4"

SUPT. AND LUG LOCATION: ±1/4"

FLG. FACE LEVEL: ±1/2"

ORIENTATION: ±1/4"

P.O.NO.: 91-00006

EQUIP. No.: C1100 A

PROJ. No.: 5262A

PLANT: CHATTANOOGA, TENNESSEE

ALLOY FABRICATORS, INC.

TRENTON, GA.

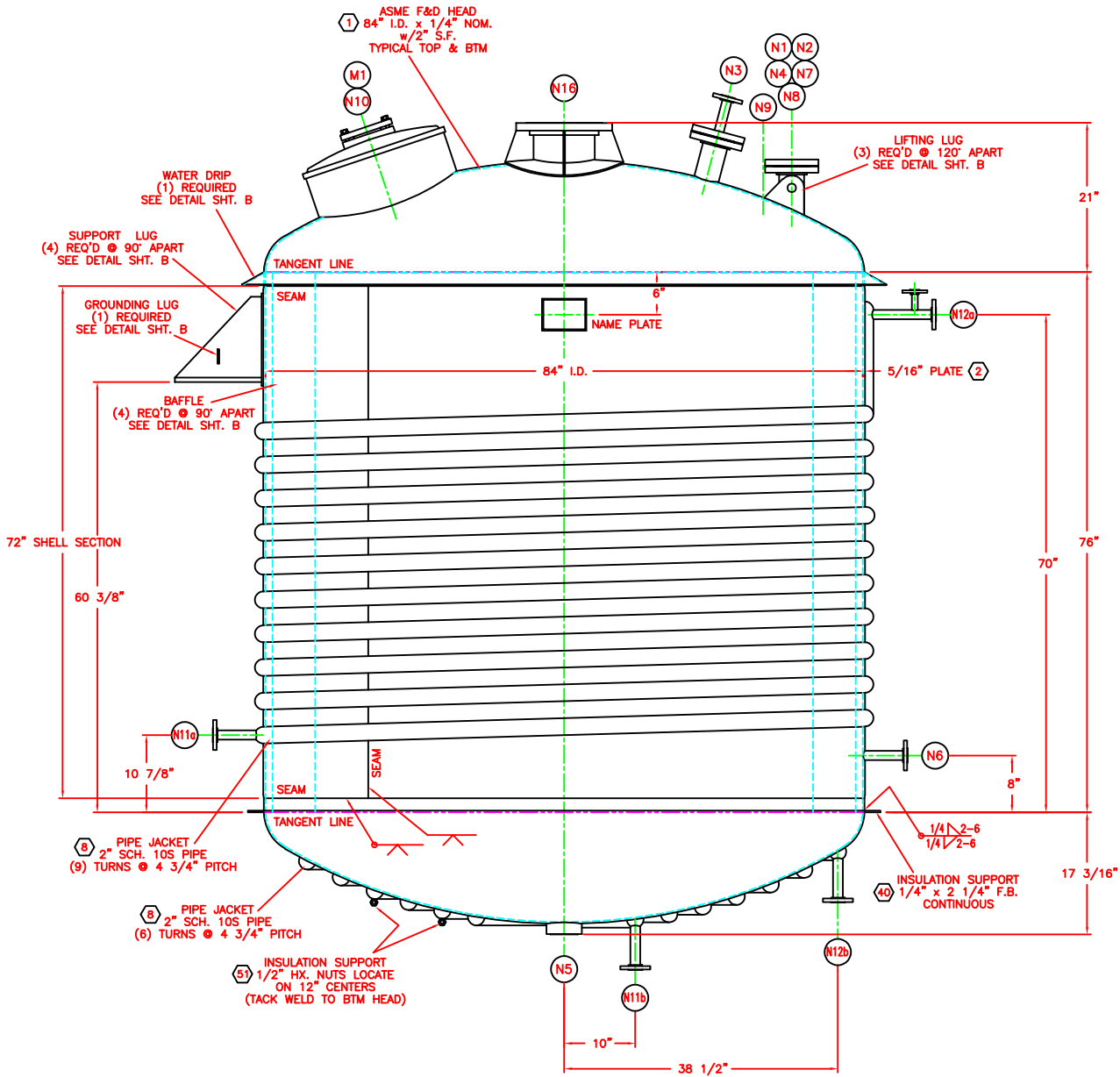
CUSTOMER

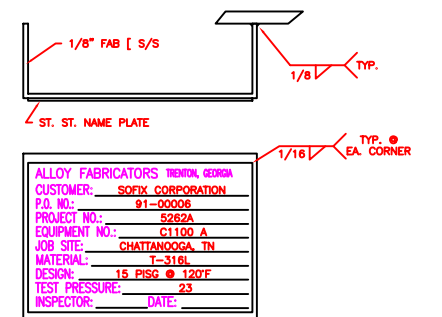
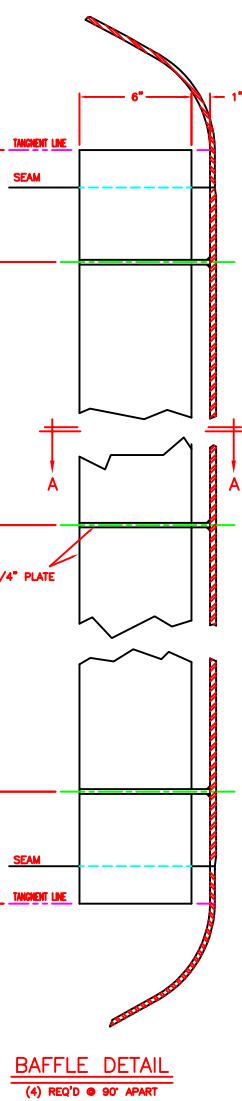
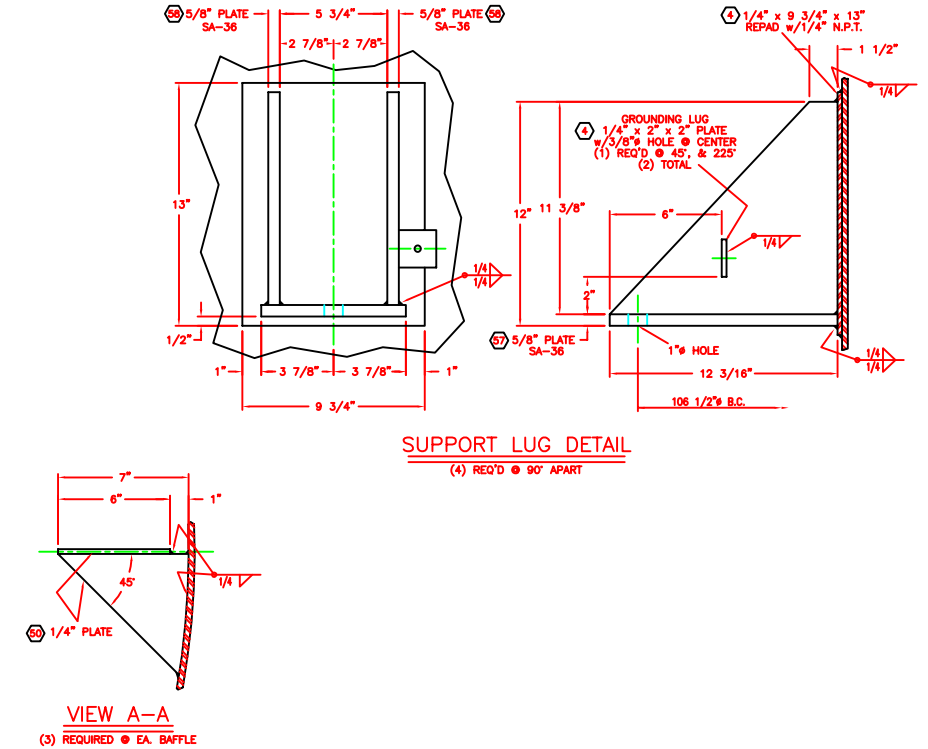
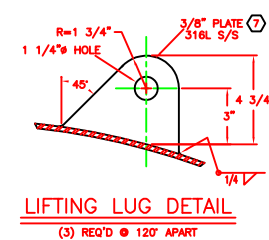
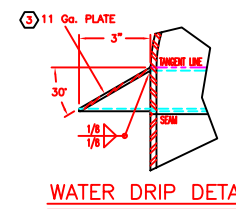
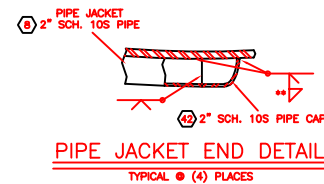
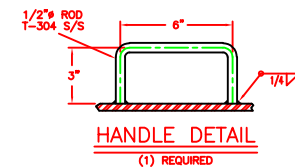
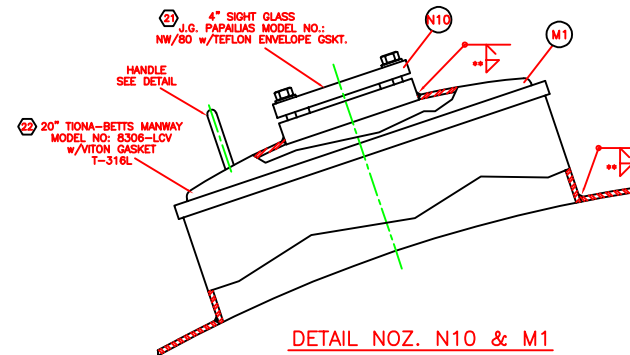
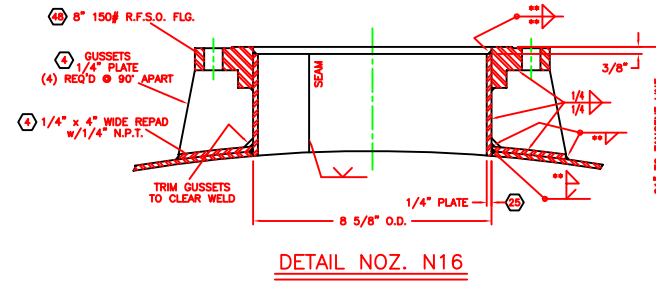
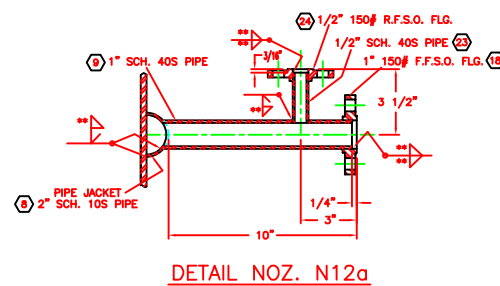
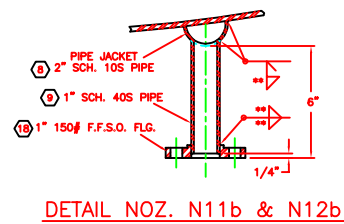
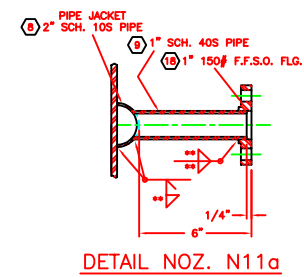
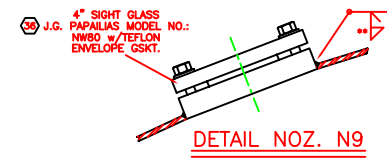
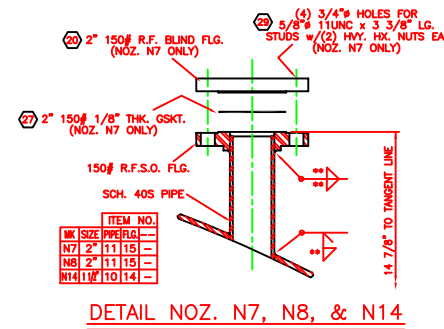
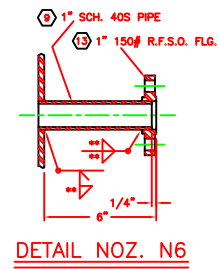
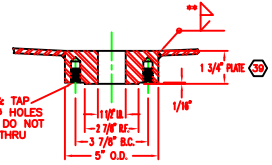
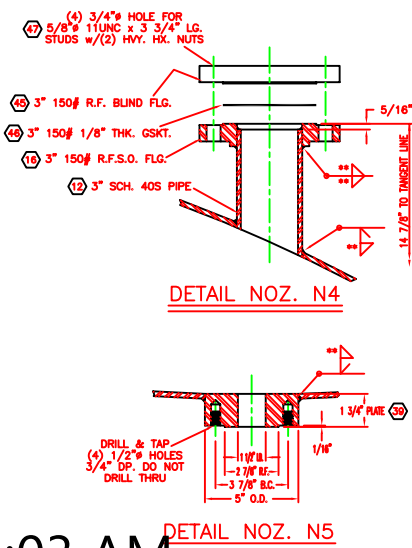
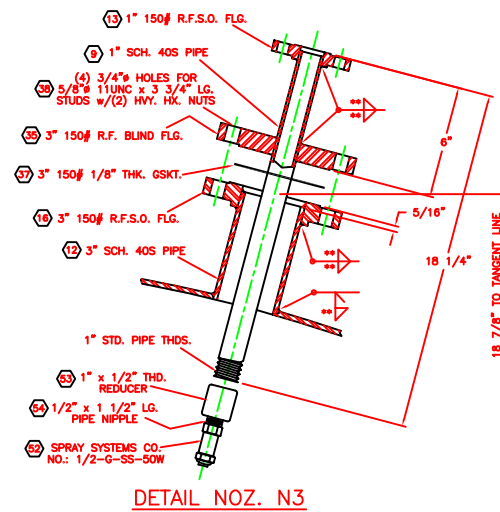
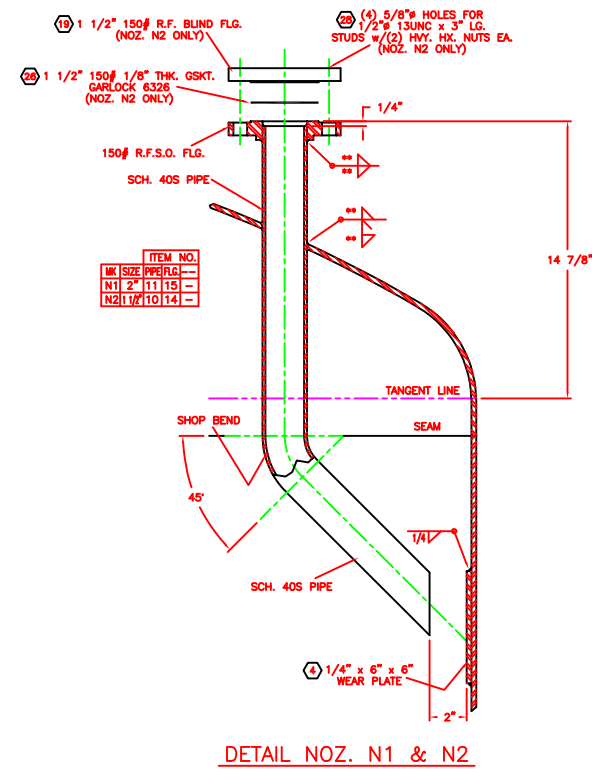
SOFIX CORPORATION

DWG. TITLE

CONDENSATION REACTOR

REV.	DATE	SCALE	DRAWING NO. 1 of 2	ISSUE
	3-27-91	NONE	1-130-A	2





		** FILLET SIZE EQUAL TO THINNER OF PIPE WALL OR SHELL THICKNESS.	
DATE REC'D 1-14-87 DATE REC'D 8-7-91	CHK BY: T. GISS REV BY: T. GISS	AS BUILT REV. PER. CUST. APP. ORIG. ISSUE TO SHOP	DRAWING STATUS CERTIFIED RELEASED FOR FABRICATION DATE _____ PROJECT ENGINEER ORIGINAL RELEASE DATE: 8-7-91
			CUST. DATA P.O.NO.: 91-00006 EQUIP. No.: C1100 A PROJ. No.: 5262A DRAWN BY: TIM GASS CHECKED BY: KEVIN MULLINS
1-14-87 8-7-91	1-14-87 8-7-91	AS BUILT REV. PER. CUST. APP. ORIG. ISSUE TO SHOP	DESCRIPTION ALLOY FABRICATORS, INC. TRENTON, GA. CUSTOMER SOFIX CORPORATION DWG. TITLE CONDENSATION REACTOR
			REV. DATE SCALE DRAWING NO. 2 of 2 ISSUE
			3-28-91 NONE 1-130-B 2