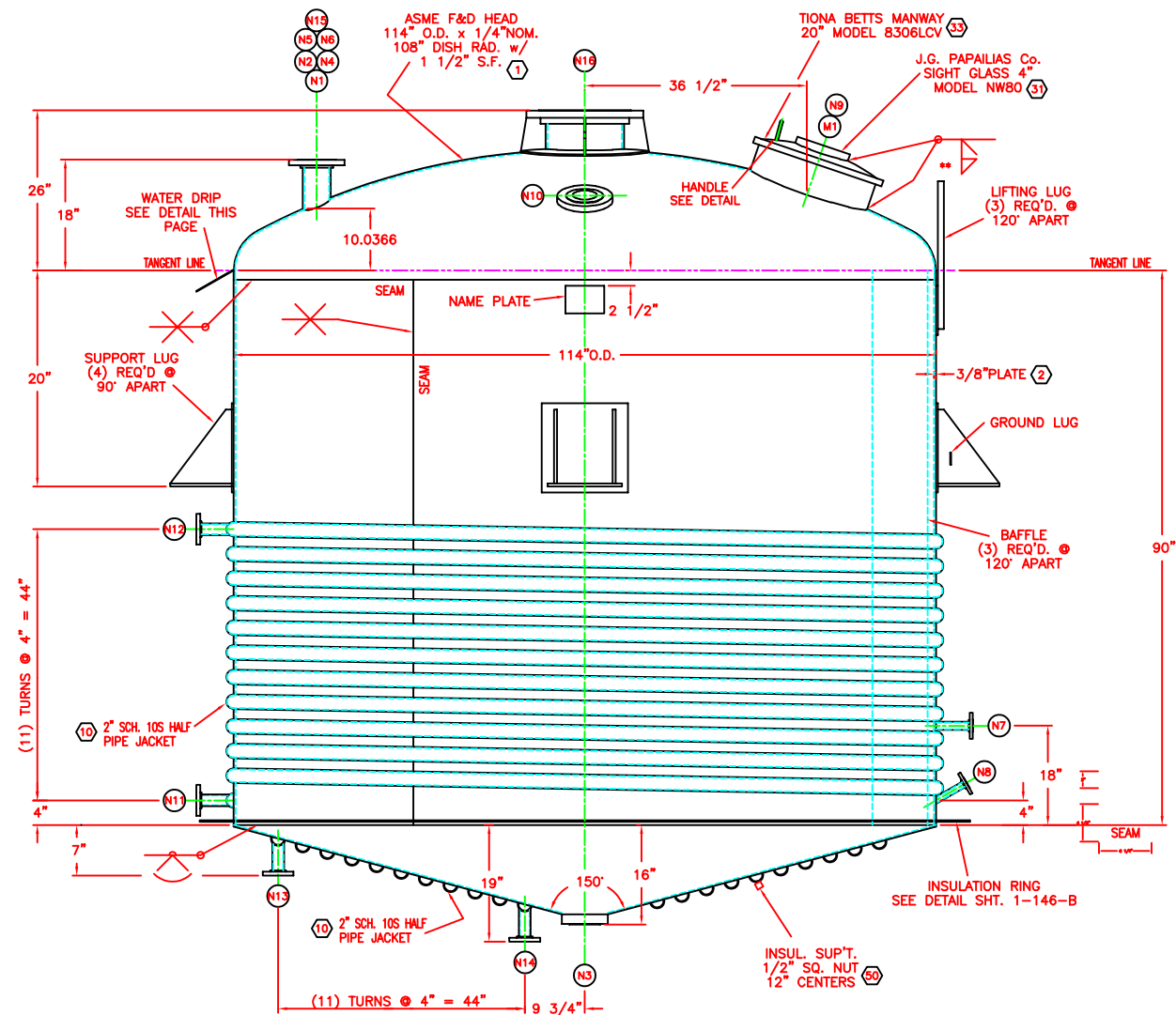
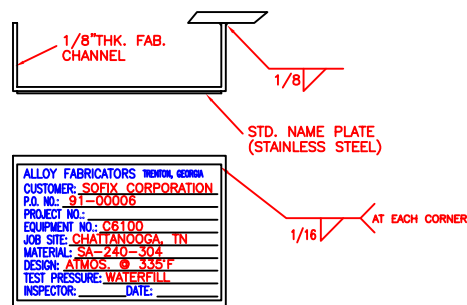
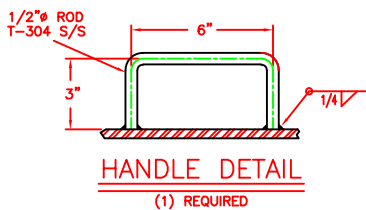




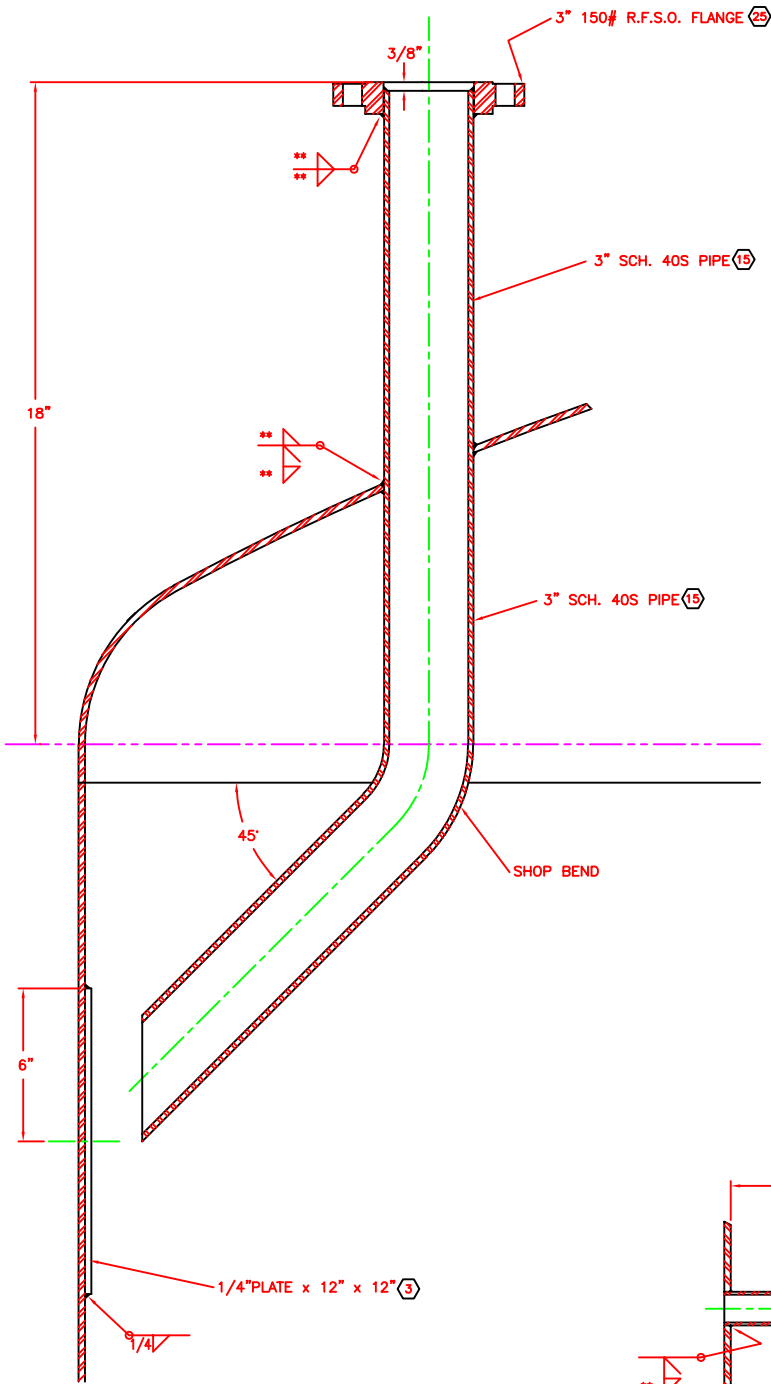
ELEVATION
FOR TRUE ORIENTATION
SEE PLAN

9-30		T. GASS	AS BUILT	2 1-22
7-15		K.W.M.	REV. PER CUST. APP. ORIG. ISSUE TO SHOP	1 8-12
DATE RECD.	CHK'D BY:	REV. BY:	DESCRIPTION	REV.

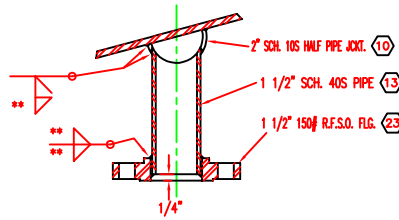
M1	1	20"	TIONA BETTS	SA-240-304	-----	MANWAY	MODEL 8306LCV
N16	1	10"	150# R.F.S.O. FLANGE	SA-182-F304	1/4" PLATE	AGITATOR	-----
N15	1	4"	150# R.F.S.O. FLANGE	SA-182-F304	SCH. 40S PIPE	RUPTURE DISC	-----
N14	1	1 1/2"	150# R.F.S.O. FLANGE	SA-182-F304	SCH. 40S PIPE	40SC OUTLET	-----
N13	1	1 1/2"	150# R.F.S.O. FLANGE	SA-182-F304	SCH. 40S PIPE	40S INLET	-----
N12	1	1 1/2"	150# R.F.S.O. FLANGE	SA-182-F304	SCH. 40S PIPE	WP OUTLET	-----
N11	1	1 1/2"	150# R.F.S.O. FLANGE	SA-182-F304	SCH. 40S PIPE	WS INLET	-----
N10	1	4"	J.G. PAPALUS COMPANY	T-304	-----	SIGHT GLASS	MODEL NW80
N9	1	4"	J.G. PAPALUS COMPANY	T-304	-----	SIGHT GLASS	MODEL NW80
N8	1	3/4"	150# R.F.S.O. FLANGE	SA-182-F304	SCH. 40S PIPE	SAMPLING	-----
N7	1	1"	150# R.F.S.O. FLANGE	SA-182-F304	SCH. 40S PIPE	TF	-----
N6	1	4"	150# R.F.S.O. FLANGE	SA-182-F304	SCH. 40S PIPE	SPARE	w/ BLIND FLANGE
N5	1	2"	150# R.F.S.O. FLANGE	SA-182-F304	SCH. 40S PIPE	LIQUID INLET	-----
N4	1	3"	150# R.F.S.O. FLANGE	SA-182-F304	SCH. 40S PIPE	SPARE	w/ BLIND FLANGE
N3	1	3"	PLATE FLANGE	SA-276-304	-----	LIQUID OUTLET	-----
N2	1	4"	150# R.F.S.O. FLANGE	SA-182-F304	SCH. 40S PIPE	VAPOR OUTLET	-----
N1	1	3"	150# R.F.S.O. FLANGE	SA-182-F304	SCH. 40S PIPE	LIQUID INLET	-----
MK.	NO. RED'D	SIZE	DESCRIPTION	MAT'L	NOZZ. NECK	SERVICE	REMARKS

VESSEL SPECIFICATION

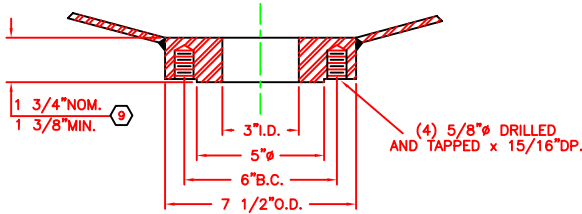
DESIGN CODE		HOLD POINTS	1. FIT-UP	
			2. WELDING	
			3. TESTING	
			4.	
			5.	
			6.	
CODE STAMP: NOT REQUIRED				
DESIGN CONDITION		VESSEL	JACKET	COIL
	P.S.I.G.	ATMOS.	44	
	TEMP.	335°F	335°F	
	CORR. ALLOW.	NONE	NONE	
	X-RAY	NONE	NONE	
	JOINT. EFF.	70%	70%	
	TEST P.S.I.G.	WATERFILL	76	
	M.D.M.T.	N/A	N/A	
P.W.H.T.	N/A	N/A		
INSP.	CUST. SOFIX CORPORATION			
	A.F.I. OUR QUALITY CONTROL			
VESSEL MATERIALS		VESSEL	JACKET	
	HEADS	SA-240-304		
	SHELL	SA-240-304		
	PIPE	SA-312-TP304		SA-312-TP304
	FLG'S.	SA-182-F304		SA-182-F304
	PADS	SA-240-304		
	BOLTS	SA-193-B7		
	NUTS	SA-194-2H		
	SUPT'S	SA-36		
	GSK'T	GARLOCK 6326 UNLESS NOTED		
DRAWING STATUS	CERTIFIED RELEASED FOR FABRICATION _____ DATE _____ PROJECT ENGINEER ORIGINAL RELEASE DATE: 8-14-91			
WELDING	FULL PENETRATION AS NOTED AS PER A.F.I. WELD SPEC. NO. 3 1-1-B,1-1-AD,1-8-AD,1-8-B,1-8-C,8-8-B,8-8-C AND 8-8-AD			
	INTERNAL NOZZLE WELDS SHALL BE GROUND SMOOTH ALL OTHER WELDS SMOOTH AS WELDED.			
SURFACE FIN.	PICKLE & PASSIVATE ALL STAINLESS STEEL SAND BLAST ALL CARBON STEEL PER SSPC-SP6 PAINT ALL CARBON STEEL WITH PORTER 7501 MAGNA PRIME (5.0 MILS D.F.T.).			
VESSEL DATA	CONTENTS: -- SP. GR. = 1.55 CAPACITY: 4,666 GALLONS APPROX. WT. EMPTY: 8,730 LBS. APPROX. WT. WITH CONTENTS: 47,668 LBS. APPROX. w/WATER FLG. FACE FINISH: STANDARD AS PURCHASED			
REMARKS	COVER ALL OPENINGS PRIOR TO SHIPMENT			
TOLERANCES	DRAWN BY: KEVIN W. MULLINS			
	CHECKED BY:			
	OVERALL DIM.: ±1/4"			
	NOZ. PROJ. AND LOCATION: ±1/4"			
	SUPT. AND LUG LOCATION: ±1/4"			
CUST. DATA	FLG. FACE LEVEL: ±1/2"			
	ORIENTATION: ±1/4"			
DESCRIPTION	P.O.NO.: 91-00006			
	EQUIP. No.: C6100			
	PROJ. No.: --			
	PLANT: CHATTANOOGA, TENNESSEE			
REV.	ALLOY FABRICATORS, INC.			
	TRENTON, GA.			
	CUSTOMER			
	SOFIX CORPORATION			
	DWG. TITLE			
	CRYSTALLIZATION VESSEL			
	DATE	SCALE	DRAWING NO.	1 of 3
	3-26-91	NONE	1-146-A	2



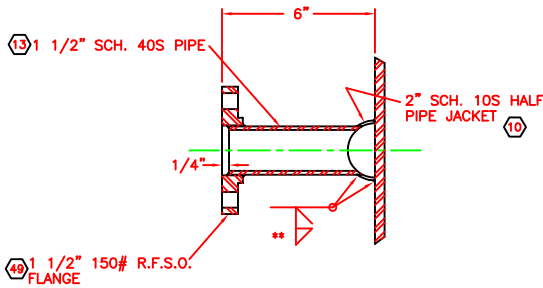
DETAIL NOZ. N1



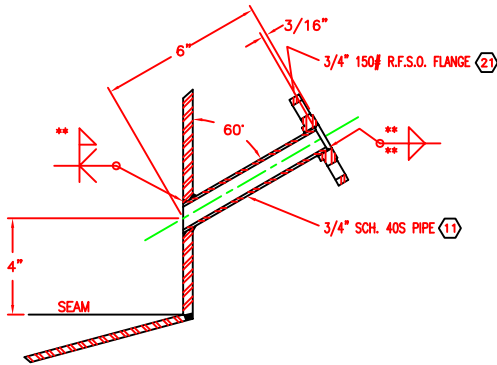
DETAIL NOZ. N13 & N14



DETAIL NOZ. N3

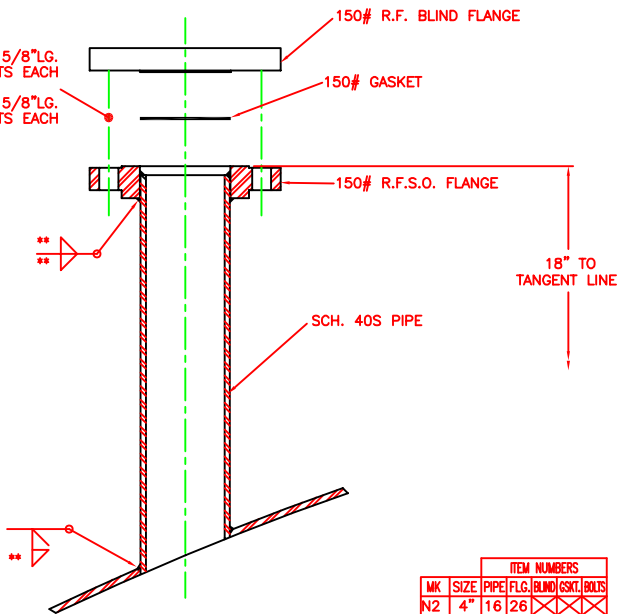


DETAIL NOZ. N11 & N12



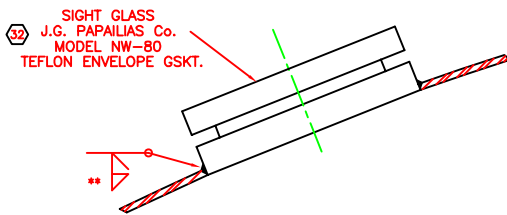
DETAIL NOZ. N8

NOZ. N4: (4) 5/8"
- 11UNC STUDS x 3 5/8"LG.
w/ (2) HEV. HEX. NUTS EACH
NOZ. N6: (8) 5/8"
- 11UNC STUDS x 3 5/8"LG.
w/ (2) HEV. HEX. NUTS EACH



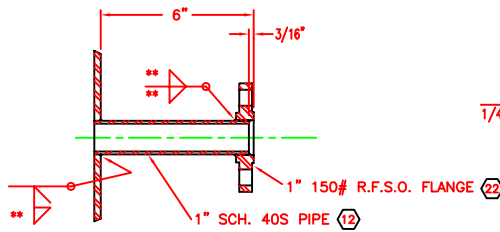
DETAIL NOZ. N2,N4,N6 & N15

		ITEM NUMBERS					
MK	SIZE	PIPE	FLG.	BLND	GSKT	BLDS	
N2	4"	16	26				
N4	3"	15	25	29	37	36	
N6	4"	16	26	30	38	36	
N15	4"	16	26				

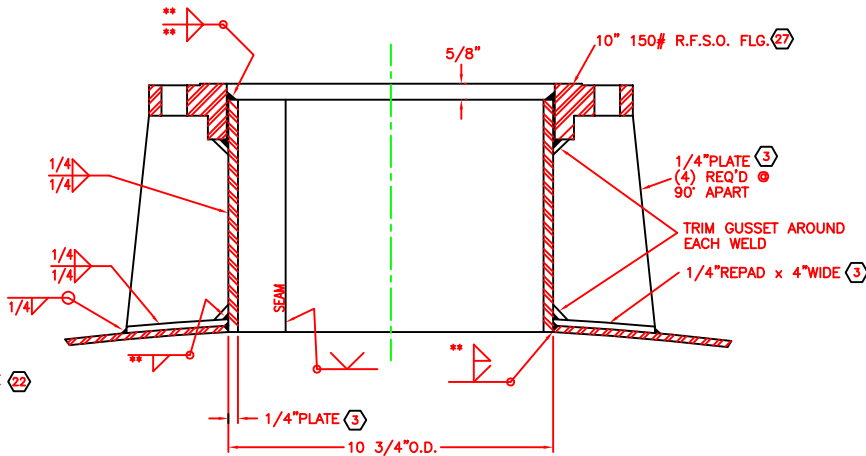


DETAIL NOZ. N10

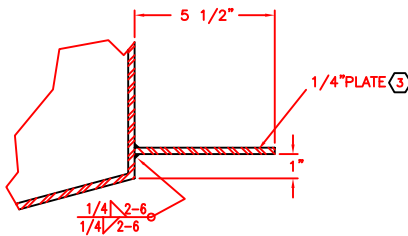
**FILLET SIZE EQUAL
TO THINNER OF PIPE WALL
OR SHELL THICKNESS.



DETAIL NOZ. N7



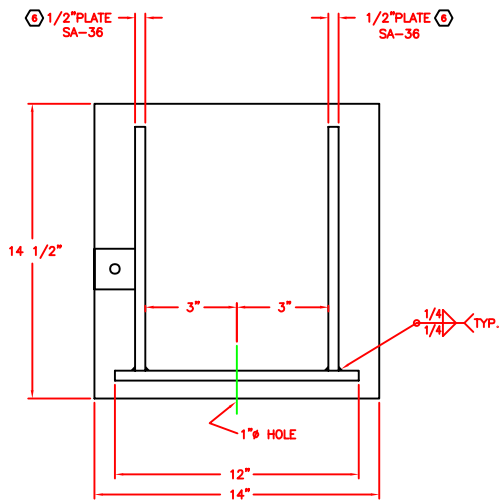
DETAIL NOZ. N16



INSUL. RING DETAIL

CERTIFIED
RELEASED FOR FABRICATION
DATE _____
PROJECT ENGINEER
ORIGINAL RELEASE DATE: 8-14-91

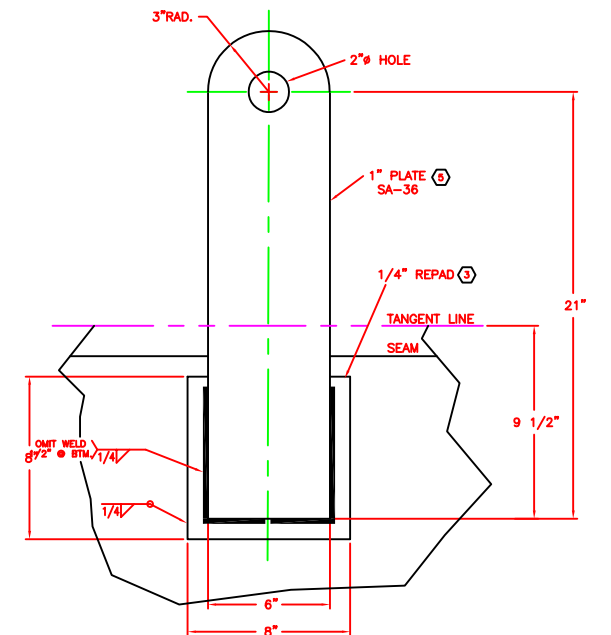
		DRAWING STATUS		CUST. DATA	
DATE RECD.	DATE RECD.	P.O. NO.: 91-00006		EQUIP. No.: C6100	
8-30-91	7-14-91	PROJ. No.: --		DRAWN BY: KEVIN W. MULLINS	
CHK'D BY:	CHK'D BY:	CHECKED BY: --			
REV. BY:	REV. BY:				
1. GSK K.W.M.					
		AS BUILT		DESCRIPTION	
DATE	REV.	PER	APP	ALLOY FABRICATORS, INC.	
8-30-91	1	REV.	ISSUE TO SHOP	TRENTON, GA.	
				CUSTOMER	
				SOFIX CORPORATION	
				DWG. TITLE	
				CRYSTALLIZATION VESSEL	
DATE	SCALE	DRAWING NO. 2 of 3		ISSUE	
3-28-91	NONE	1-146-B		2	



**CUSTOMER NOTE:
PLEASE LOCATE AND
IDENTIFY HOLE SIZE.**



(4) REQ'D. @ 45°, 135°, 225° & 315°



DETAIL NOZ. N5
w/ SPRAY RING

		DRAWING STATUS	CERTIFIED RELEASED FOR FABRICATION _____ DATE _____ PROJECT ENGINEER _____ ORIGINAL RELEASE DATE: 8-14-91			
DATE RECD. 9-30 CHK'D BY:	DATE RECD. 7-19 CHK'D BY:	CUST. DATA	P.O.NO.: 91-00006			
REV. BY: T. GSS	REV. BY: K.W.M.		EQUIP. No.: C6100			
			PROJ. No.: --			
			DRAWN BY: KEVIN W. MULLINS			
			CHECKED BY: --			
AS BUILT REV. PER. CUST. APP. ORIG. ISSUE TO SHOP	DESCRIPTION	ALLOY FABRICATORS, INC.				
		TRENTON, GA.				
		CUSTOMER				
		SOFIX CORPORATION				
		DWG. TITLE				
		CRYSTALLIZATION VESSEL				
1-2 2-1 3-1 4-1	REV.	DATE 4-4-91	SCALE NONE	DRAWING NO. 3 of 3 1-146-C	ISSUE 2	