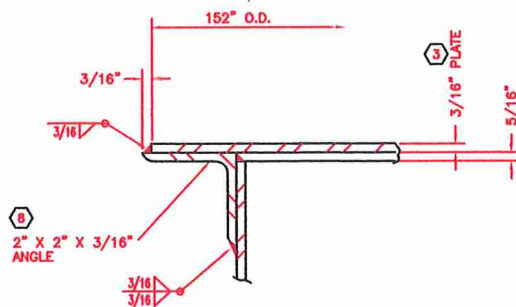
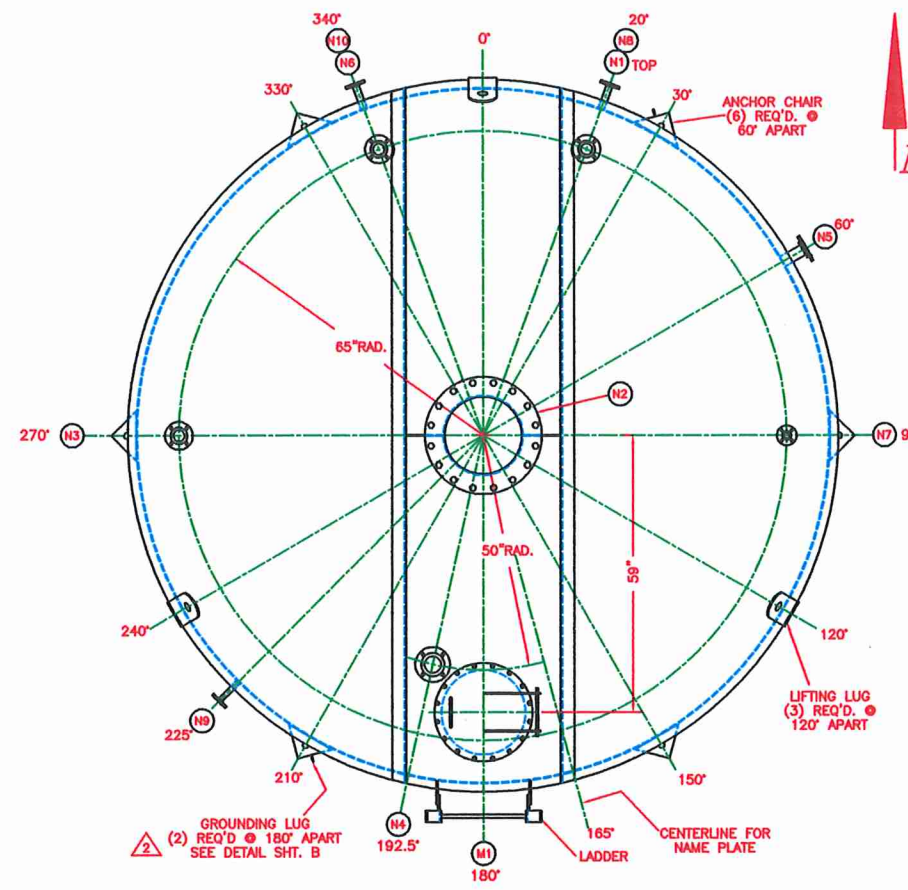


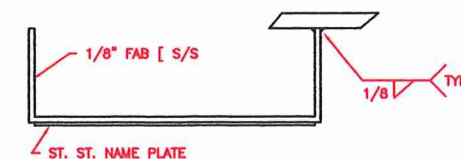


DETAIL TOP ANGLE



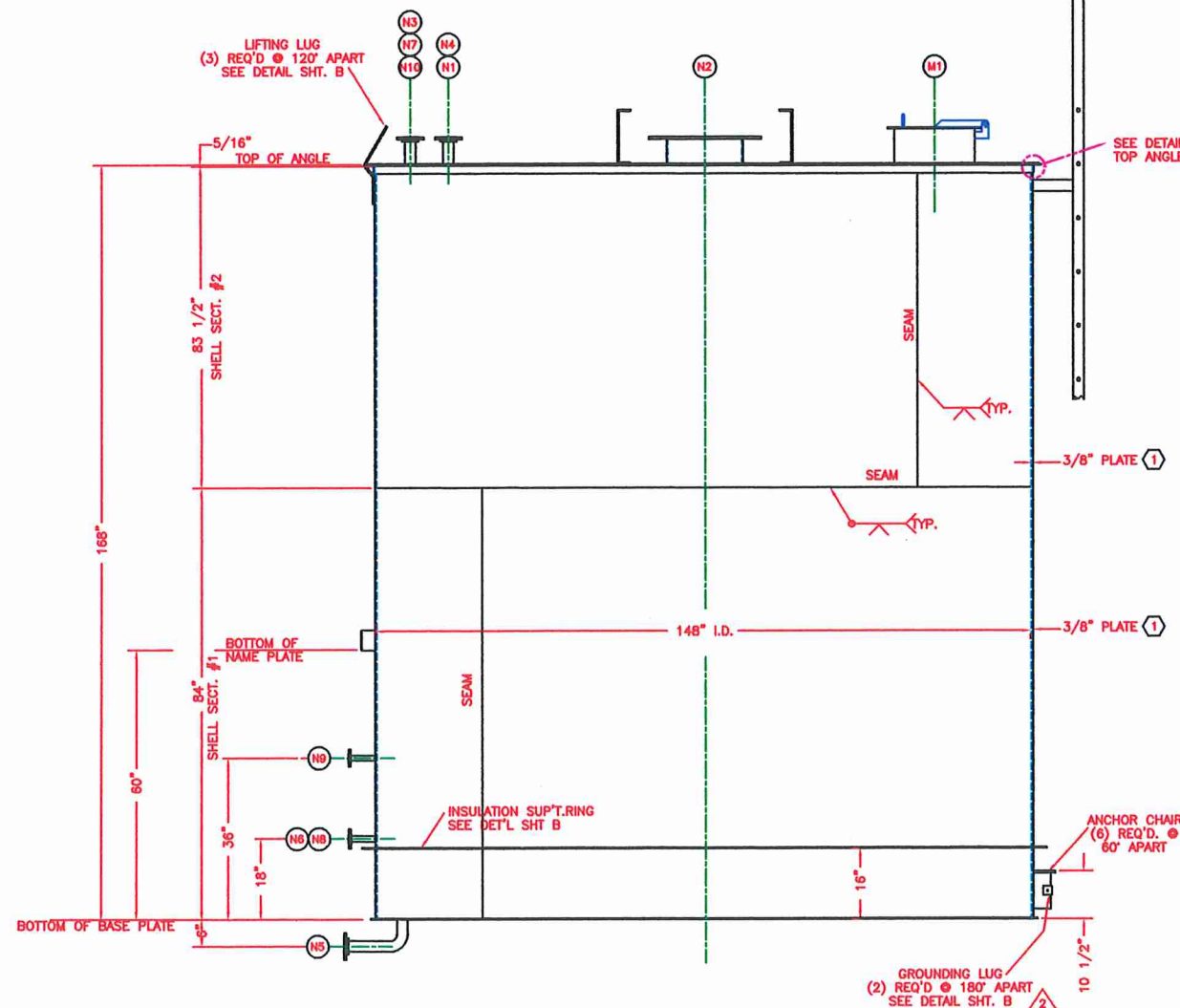
PLAN

ALL BOLT HOLES TO STRADDLE TANK CENTERLINES



NAME PLATE DETAIL

ALLOY FABRICATORS TRENTON, GEORGIA
CUSTOMER: SOFIX CORPORATION
P.O. NO.: 91-00006
PROJECT NO.: 5262A
EQUIPMENT NO.: 4523
JOB SITE: CHATTANOOGA, TN
MATERIAL: 304
DESIGN: ATMOS & 140°F
TEST PRESSURE: HYDRO
INSPECTOR: DATE:



ELEVATION

DATE	CHK'D BY	REV.	DESCRIPTION	REV.
6-13	T. GNS	AS BUILT		2
5-18	K.W.M.	REV. PER CUST. APP. ORG. ISSUE TO SHOP		1

NO.	QTY	SIZE	DESCRIPTION	MAT'L	NOZZ. NECK	SERVICE	REMARKS
M-1	1	18"	PLATE FLANGE	SA-240-304	SA-240-304	MANHOLE	w/HINGED COVER
N-10	1	2"	150# R.F.S.O.	SA-182F-304	SA-312-304	SPARE	w/BLIND FLG.
N-9	1	3/4"	150# R.F.S.O.	SA-182F-304	SA-312-304	SAMPLE	
N-8	1	1"	150# R.F.S.O.	SA-182F-304	SA-312-304	TG	
N-7	1	1"	150# R.F.S.O.	SA-182F-304	SA-312-304	LIQUID IN.	
N-6	1	1"	150# R.F.S.O.	SA-182F-304	SA-312-304	TE	
N-5	1	2"	150# R.F.S.O.	SA-182F-304	SA-312-304	DRAIN	
N-4	1	3"	150# R.F.S.O.	SA-182F-304	SA-312-304	UT	
N-3	1	2"	150# R.F.S.O.	SA-182F-304	SA-312-304	VENT	
N-2	1	1 1/2"	PLATE FLANGE	SA-240-304	SA-240-304	PUMP	
N-1	1	2"	150# R.F.S.O.	SA-182F-304	SA-312-304	LIQUID IN.	

NOZZLE SCHEDULE

114430

VESSEL SPECIFICATION

DESIGN CODE	DESIGN CONDITION	INSPECTION	VESSEL	JACKET	COIL
	P.S.I.G. ATMOS				
	TEMP. 140°F				
	CORR. ALLOW. NONE				
	X-RAY NONE				
	JOINT. EFF. 70%				
	TEST P.S.I.G. WATERFILL				
	M.D.M.T. N/R				
	P.W.H.T. N/R				

CODE STAMP: NOT REQ'D.

DESIGN CONDITION	INSPECTION	VESSEL	JACKET	COIL

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

CERTIFIED
RELEASED FOR FABRICATION
DATE _____
PROJECT ENGINEER _____
ORIGINAL RELEASE DATE: 6-30-91

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

INTERNAL NOZZLE WELDS SHALL BE GROUND SMOOTH
ALL OTHER WELDS SMOOTH AS WELDED.
PICKLE & PASSIVATE ALL STAINLESS STEEL
SABLAST ALL CARBON STEEL PER SSPC-SP6. PAINT ALL CARBON
STEEL WITH PORTER 7501 MAGNA PRIME (5.0 MILS D.F.T.). FINISH
w/ PORTER 8731 HYTHANE ULTRA, COLOR "SOFIX BLUE" (4.0 MILS
D.F.T.)

CONTENTS: 98% H2SO4 SP. GR. =1.836
CAPACITY: 12,512 GALLONS APPROX.
WT. EMPTY: 13,900 LBS. APPROX.
WT. WITH CONTENTS: 205,602 LBS. APPROX.
FLG. FACE FINISH: STANDARD AS PURCHASED

COVER ALL OPENINGS PRIOR TO SHIPMENT

DRAWN BY: ROSCOE PAGE
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"

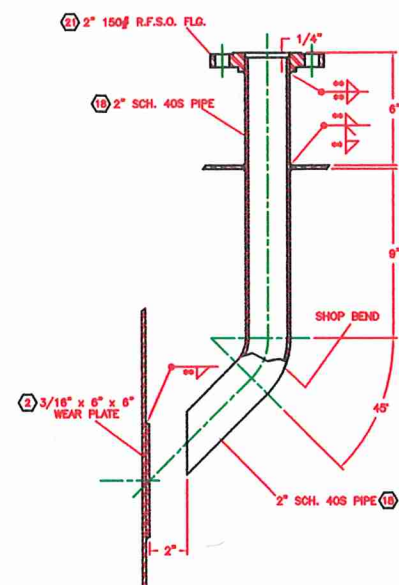
P.O.NO.: 91-00006
EQUIP. No.: 4523
PROJ. No.: 6262A
PLANT: CHATTANOOGA, TN

ALLOY FABRICATORS, INC.
TRENTON, GA.

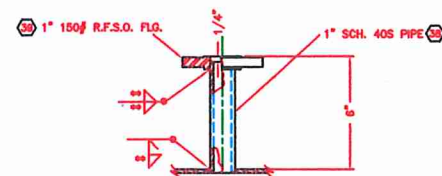
CUSTOMER
SOFIX CORPORATION

DWG. TITLE
98 H2SO4 TANK

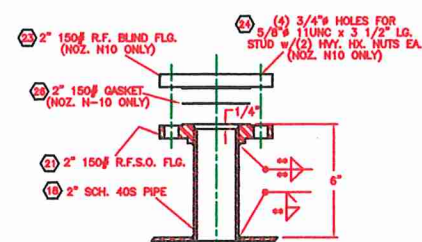
DATE 2/22/91 SCALE NONE DRAWING NO. 1 of 3 ISSUE 1-171-A



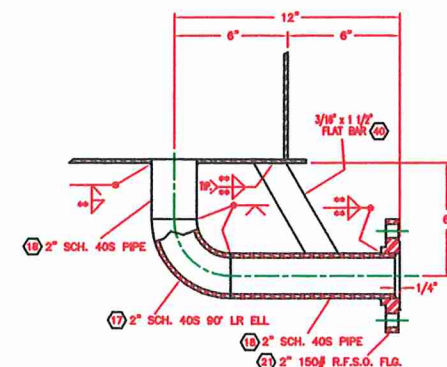
DETAIL NOZ. N1



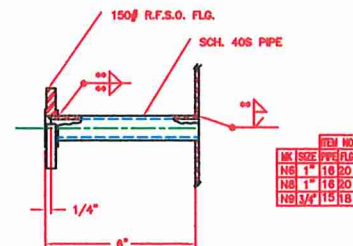
DETAIL NOZ. N7



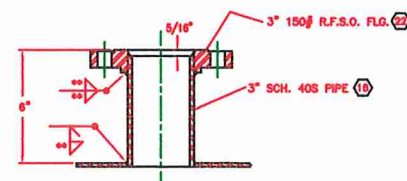
DETAIL NOZ. N-3 & N-10



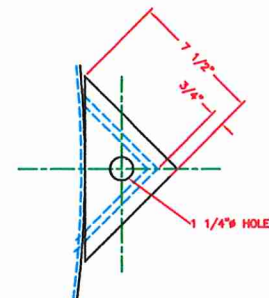
DETAIL NOZ. N5



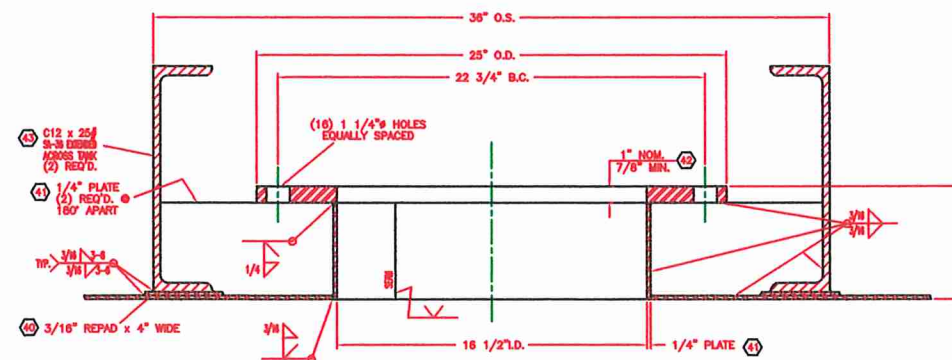
DETAIL NOZ. N-6, N-8, & N-9



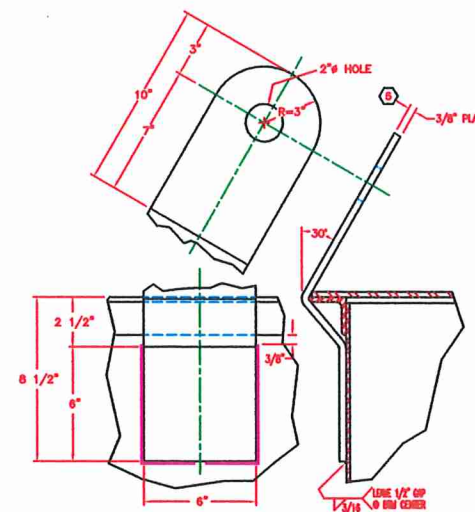
DETAIL NOZ. N4



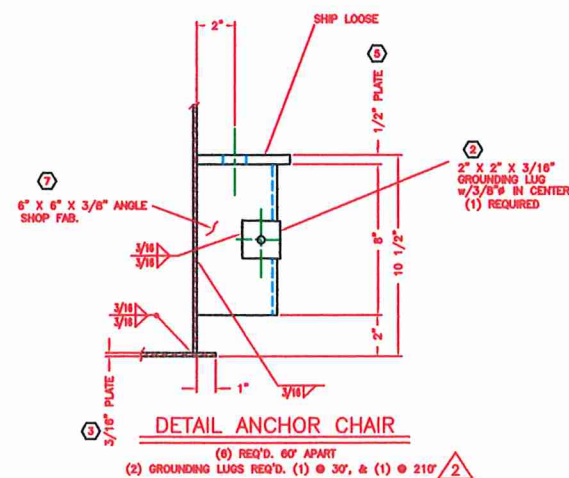
DETAIL NOZ. N2



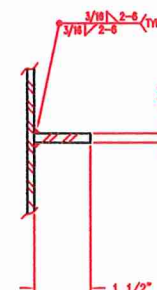
DETAIL NOZ. N2



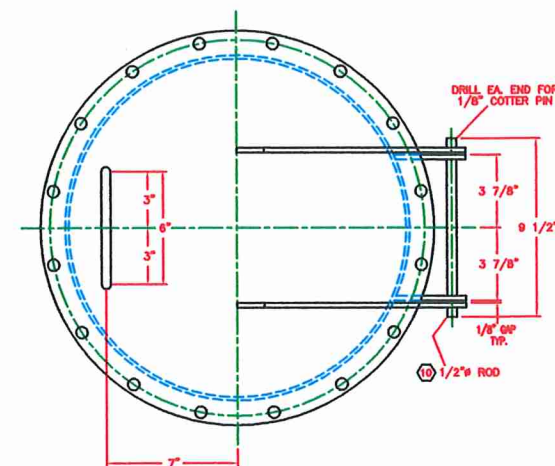
LIFTING LUG DETAIL
(3) REQ'D @ 120° APART



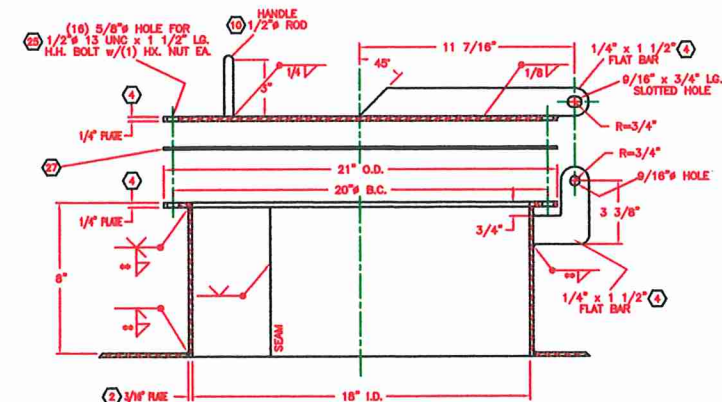
DETAIL ANCHOR CHAIR



DETAIL INSULATION SUP'T. RING



DETAIL NOZ. M1



DETAIL NOZ. M1

NOTE:
** = FILLET SIZE EQUAL TO THINNER OF
PIPE WALL OR SHELL THICKNESS

CERTIFIED
RELEASED FOR FABRICATION
DATE _____

PROJECT ENGINEER
ORIGINAL RELEASE DATE: 6-30-91

DATE	REV.	DESCRIPTION	DATE	REV.	DESCRIPTION
2/28/91	1	AS BUILT	2/28/91	1	AS BUILT
2/28/91	2	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP	2/28/91	2	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP
2/28/91	3	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP	2/28/91	3	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP
2/28/91	4	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP	2/28/91	4	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP
2/28/91	5	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP	2/28/91	5	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP
2/28/91	6	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP	2/28/91	6	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP
2/28/91	7	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP	2/28/91	7	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP
2/28/91	8	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP	2/28/91	8	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP
2/28/91	9	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP	2/28/91	9	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP
2/28/91	10	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP	2/28/91	10	REV. PER. CUST. APP. ORIGIN. ISSUE TO SHOP

P.O. NO.: 91-00008
EQUIP. No.: 4523
PROJ. No.: 6262A
DRAWN BY: ROSCOE PACE
CHECKED BY: KEVIN MULLINS

ALLOY FABRICATORS, INC.
TRENTON, GA.
CUSTOMER
SOFIX CORPORATION
DWC. TITLE
98 H2504 TANK

DATE: 2/28/91
SCALE: NONE
DRAWING NO. 2 of 3
ISSUE: 1-171-B
2

114430

