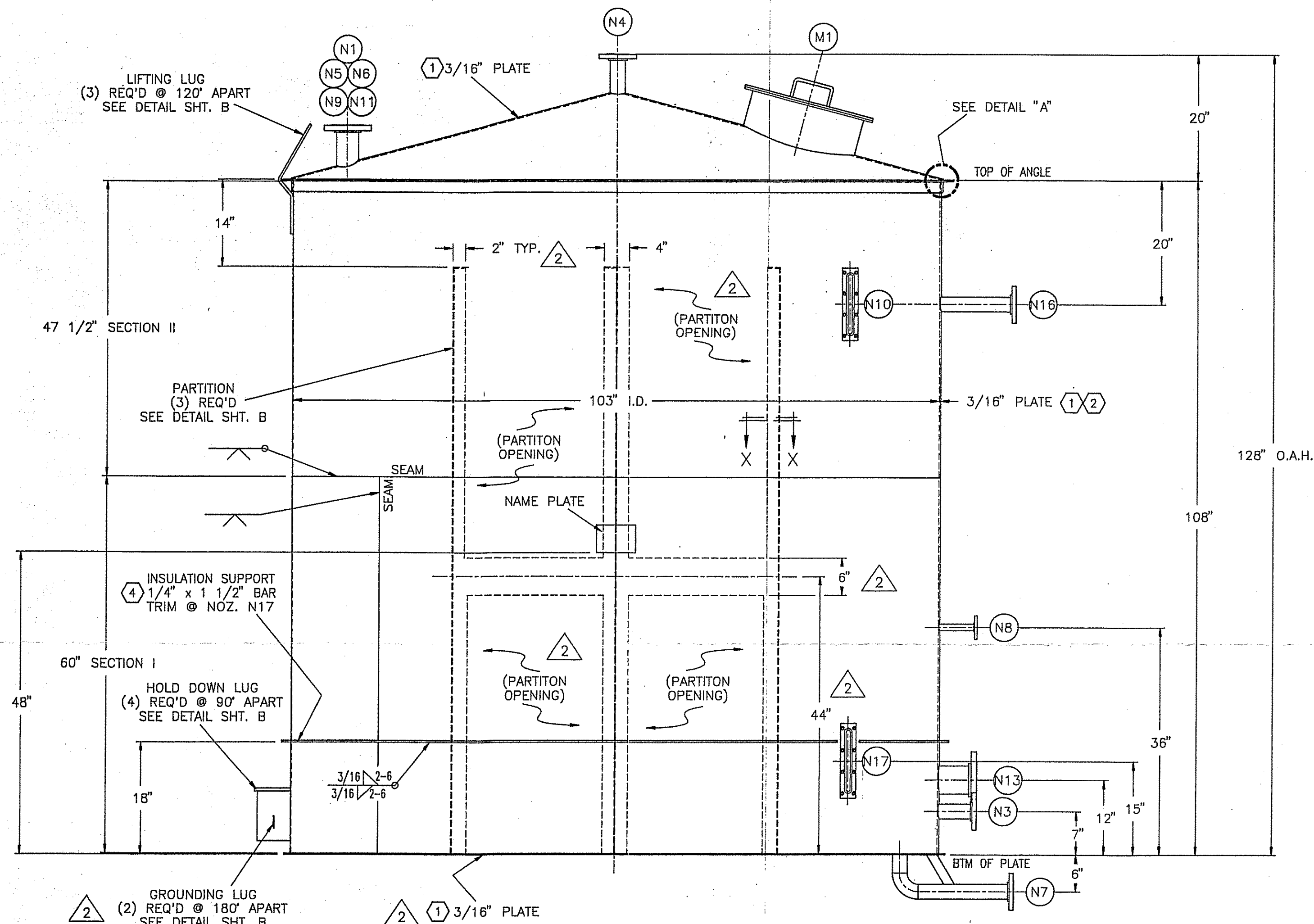
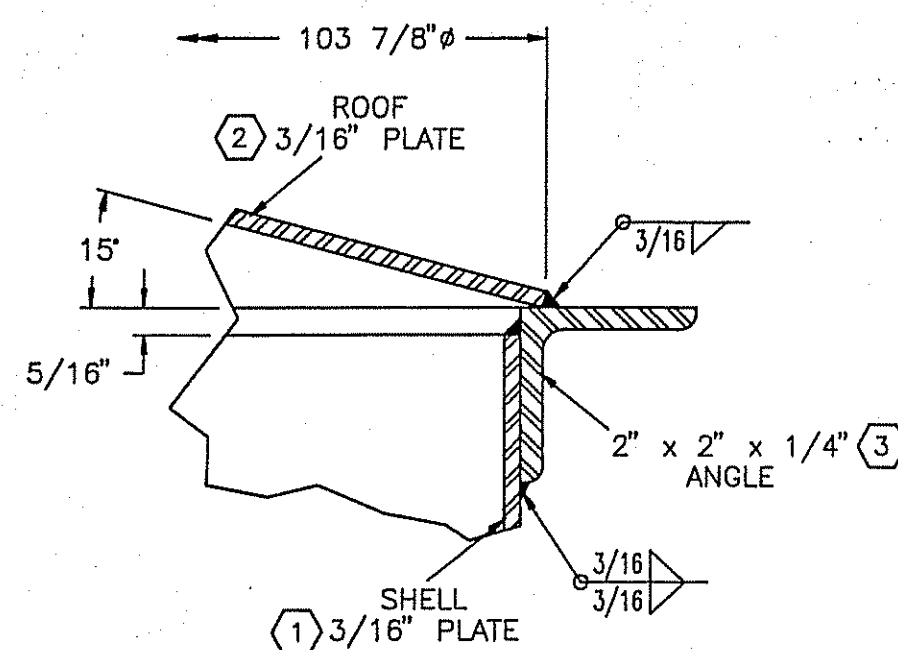


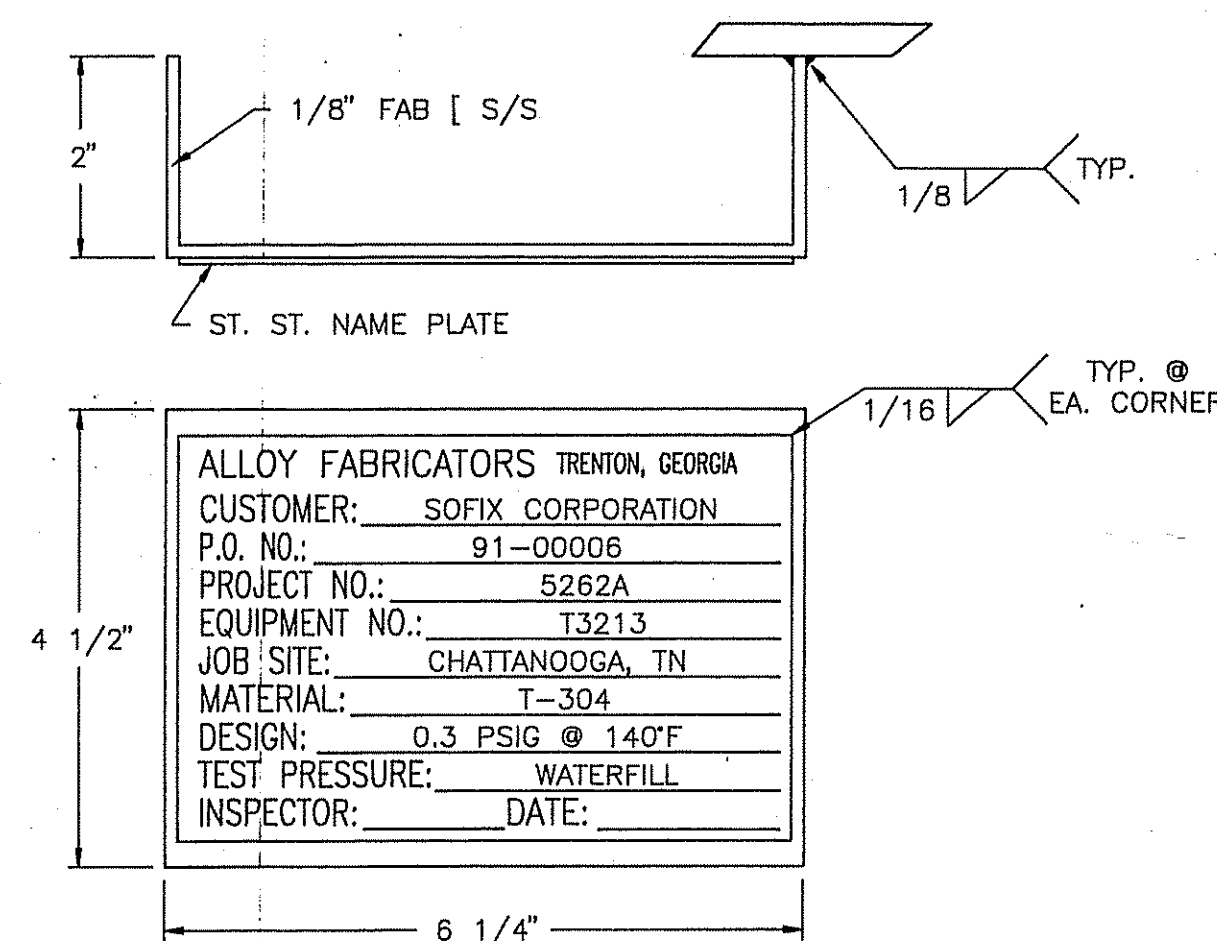


ELEVATION

LADDER NOT SHOWN FOR CLARITY
SEE DETAIL SHT. C



DETAIL "A"

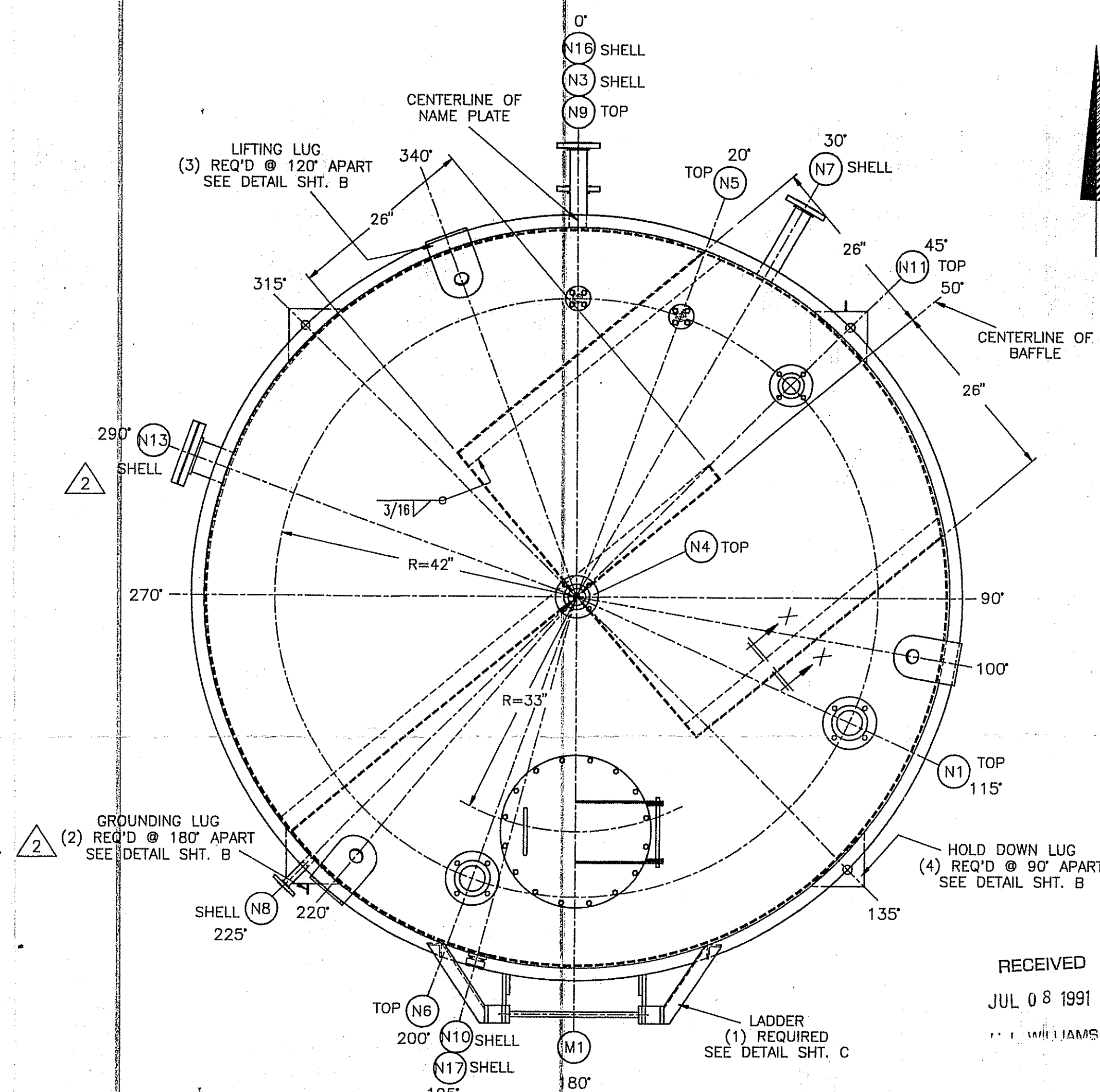


NAME PLATE DETAIL

SOFIX CORPORATION
Chattanooga, TN 37406

APPROVAL DRAWINGS
Not Acceptable. Not released for production. Revise and resubmit.
Subject to revision as indicated. Released for production, submit Certified drawings.
No exception taken. Released for production, submit certified drawing.
CERTIFIED DRAWINGS
Subject to revision as indicated. Released for production. Resubmit Certified drawings.
Certified drawings accepted. Released for production, submit AS BUILT drawing.
BY: *[Signature]* Date: 7/1/91

SECTION X-X
BREAK EDGE FOR STIFFENING



PLAN

ALL FLANGE BOLT HOLES TO
STRADDLE CENTERLINES

RECEIVED
JUL 08 1991
WILLIAMS

SIMONS-EASTERN CONSULTANTS, INC.
P. 5262A
1-164-A 001 OF 001

SHIMIZU AMERICA CORP.
SOFIX CORPORATION

RECEIVED 24 JUN 91 COPIES 3+1
P.O. 91-00006 FILE # 018
EQUIP. # T3213

REVIEWED
FOR GENERAL COMPLIANCE WITH THE DESIGN CONCEPT
OF THE PROJECT AND CONTRACT DOCUMENTS.
NO RESPONSIBILITY IS ASSUMED FOR CORRECTNESS
OF DIMENSIONS OR DETAILS.

BY: *[Signature]* DATE: 6/26/91

☐ NOT ACCEPTABLE - NOT RELEASED FOR PRODUCTION - REVISE AND RESUBMIT.
☐ SUBJECT TO REVISION AS INDICATED. RELEASED FOR PRODUCTION - SUBMIT CERTIFIED DRAWINGS.
☒ NO EXCEPTION TAKEN - RELEASED FOR PRODUCTION - SUBMIT CERTIFIED DRAWINGS.
☒ CERTIFIED DRAWING ACCEPTED - RELEASED FOR PRODUCTION.
NOT REQUIRED BY SIMONS FOR ENGINEERING DESIGN.

MK.	NO.	REQ'D	SIZE	DESCRIPTION	MAT'L.	NOZZ. NECK	SERVICE	REMARKS
M1	1	18"	1/4" PLATE	SA-240T-304	3/16" PLATE	MANWAY	w/COVER & HINGE	
N17	1	1 1/2"	J.G. PAPALIAS	T-304	---	SIGHT GLASS	TYPE RS300	
N16	1	2"	150# R.F.S.O.	SA-182F-304	SCH. 40S PIPE	LIQUID OUTLET	---	
N13	1	4"	150# R.F.S.O.	SA-182F-304	SCH. 40S PIPE	SPARE	w/BLIND FLANGE	
N11	1	2"	150# R.F.S.O.	SA-182F-304	SCH. 40S PIPE	SPARE	w/BLIND FLANGE	
N10	1	1 1/2"	J.G. PAPALIAS	T-304	---	SIGHT GLASS	TYPE RS300	
N9	1	1 1/2"	150# R.F.S.O.	SA-182F-304	SCH. 40S PIPE	LIQUID INLET	---	
N8	1	3/4"	150# R.F.S.O.	SA-182F-304	SCH. 40S PIPE	SAMPLING	---	
N7	1	2"	150# R.F.S.O.	SA-182F-304	SCH. 40S PIPE	DRAIN	---	
N6	1	3"	150# R.F.S.O.	SA-182F-304	SCH. 40S PIPE	LT	---	
N5	1	1 1/2"	150# R.F.S.O.	SA-182F-304	SCH. 40S PIPE	SPARE	w/BLIND FLANGE	
N4	1	2"	150# R.F.S.O.	SA-182F-304	SCH. 40S PIPE	VENT	---	
N3	1	2"	150# R.F.S.O.	SA-182F-304	SCH. 40S PIPE	LIQUID OUTLET	---	
N1	1	3"	150# R.F.S.O.	SA-182F-304	SCH. 40S PIPE	LIQUID INLET	---	

NOZZLE SCHEDULE

VESSEL SPECIFICATION

DESIGN CODE	VESSEL	JACKET	COIL

CODE STAMP: NOT REQUIRED

DESIGN CONDITION	VESSEL	JACKET	COIL
P.S.I.G.	0.3		
TEMP. /	140°F		
CORR. ALLOW.	NONE		
X-RAY	NONE		
JOINT. EFF.	70%		
TEST P.S.I.G.	WATERFILL		
M.D.M.T.	N/A		
P.W.H.T.	N/A		

CUST.: SOFIX CORPORATION
A.F.I. OUR QUALITY CONTROL

VESSEL MATERIALS	VESSEL	JACKET
HEADS	SA-240T-304	
SHELL	SA-240T-304	
PIPE	SA-312TP-304	
FLG'S.	SA-182F-304, SA-240T-304	
PADS	---	
BOLTS	SA-193-B7	
NUTS	SA-194-2H	
SUPT'S	SA-240T-304	
GSK'T	GARLOCK 6326 OR EQUAL UNLESS NOTED MILLED TYPE (TFE)	
LADDER	GALVANIZED	

CERTIFIED
RELEASED FOR FABRICATION
Don Elliott DATE 6-19-91
PROJECT ENGINEER
ORIGINAL RELEASE DATE: 4-19-91

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
SANDBLAST ALL C/S PER SSPC-SB6.
PAINT ALL C/S w/PORTER 7501 MAGNA PRIME (5.0 MILS D.F.T.)
FINISH w/PORTER 8731 HYTHANE ULTRA "SOFIX BLUE" (4.0 MILS D.F.T.)

CONTENTS: PERCH. SP. GR. = 1.624
CAPACITY: 3,895 GALLONS APPROX.
WT. EMPTY: 5,760 LBS. APPROX.
WT. WITH CONTENTS: 58,546 LBS. APPROX. w/CONTENTS
FLG. FACE FINISH: STANDARD AS PURCHASED

COVER ALL OPENINGS PRIOR TO SHIPMENT

DRAWN BY: TIM GASS
CHECKED BY: KEVIN MULLINS

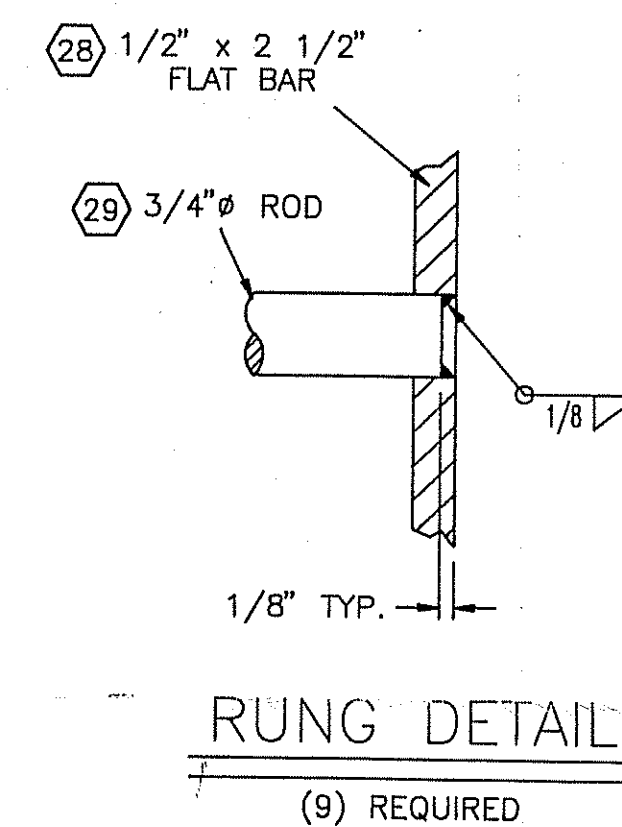
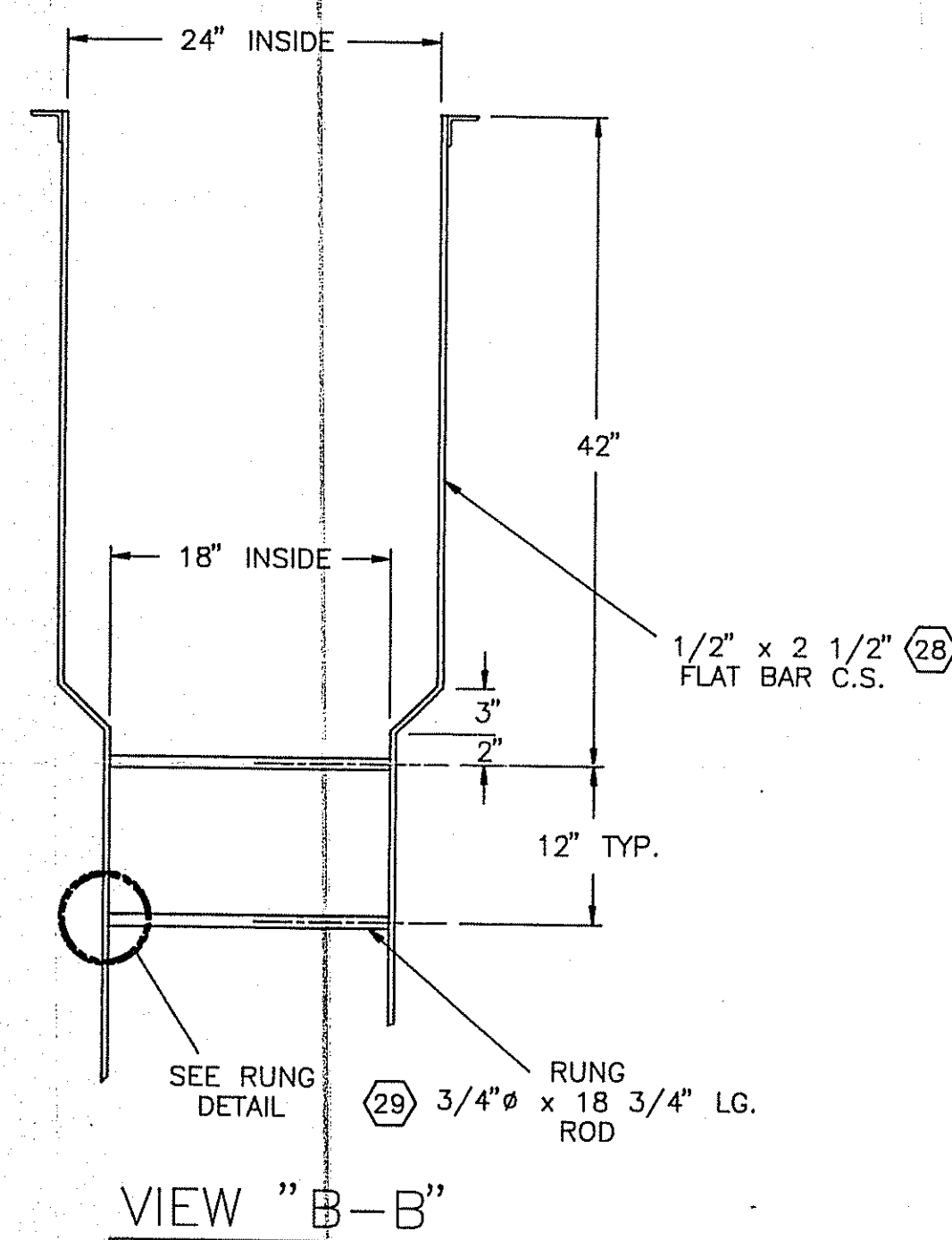
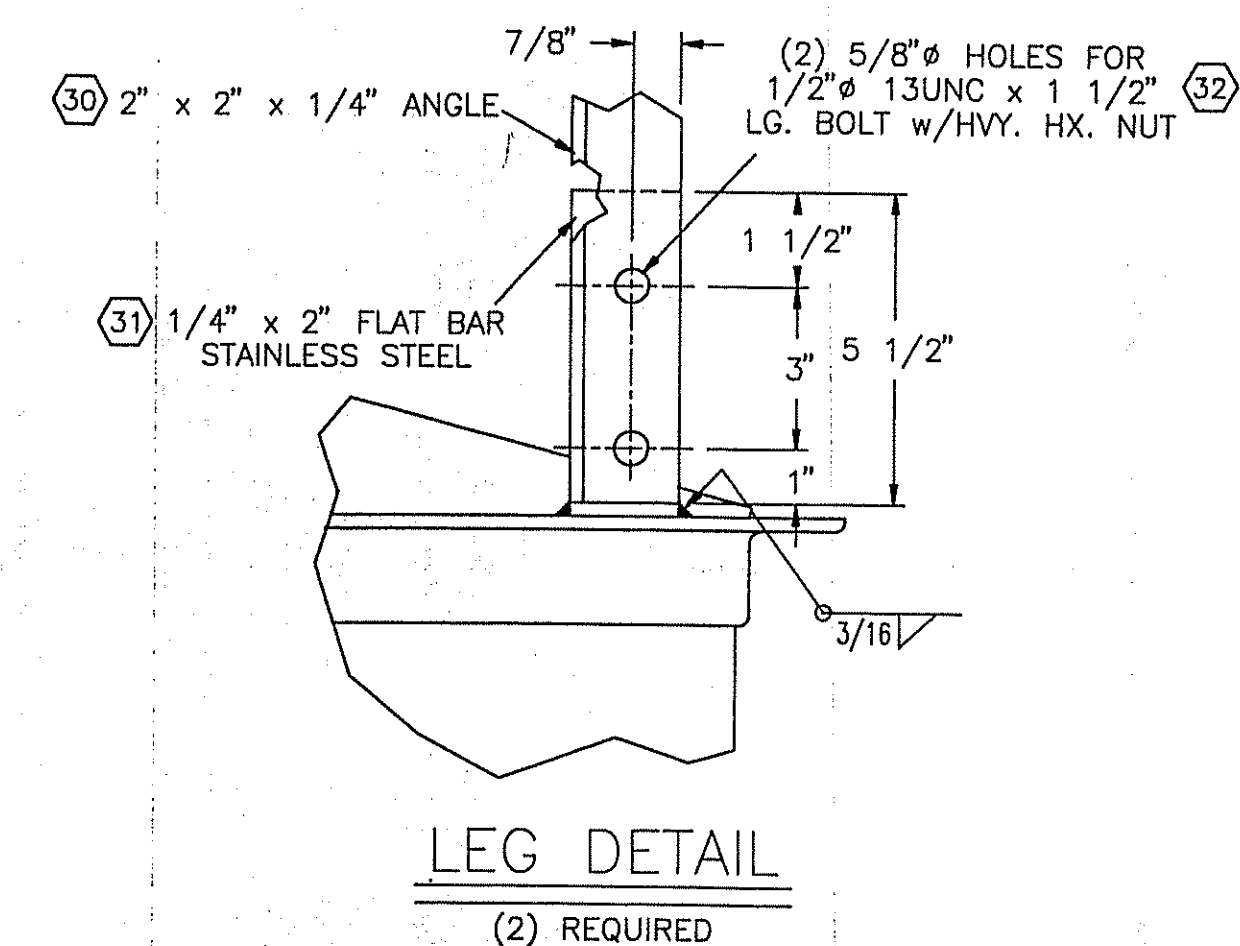
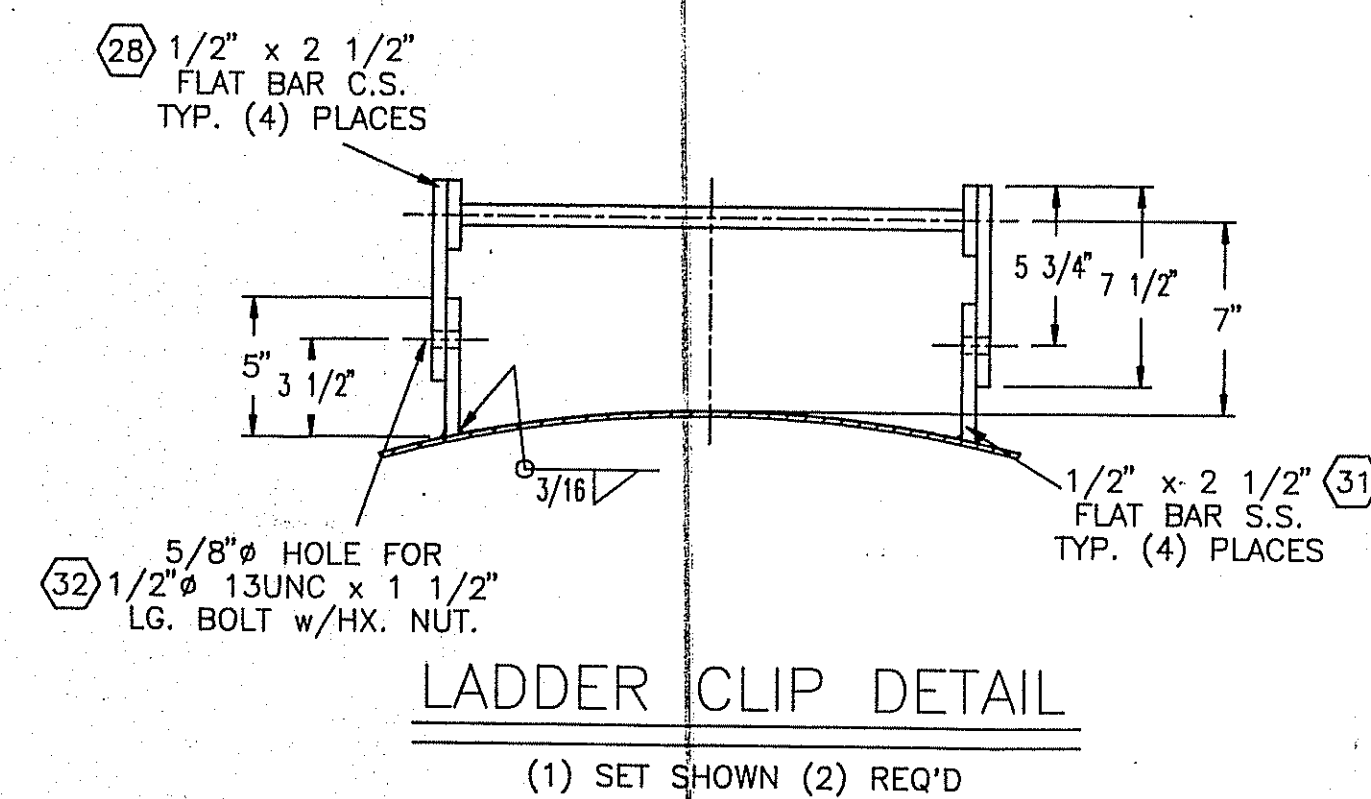
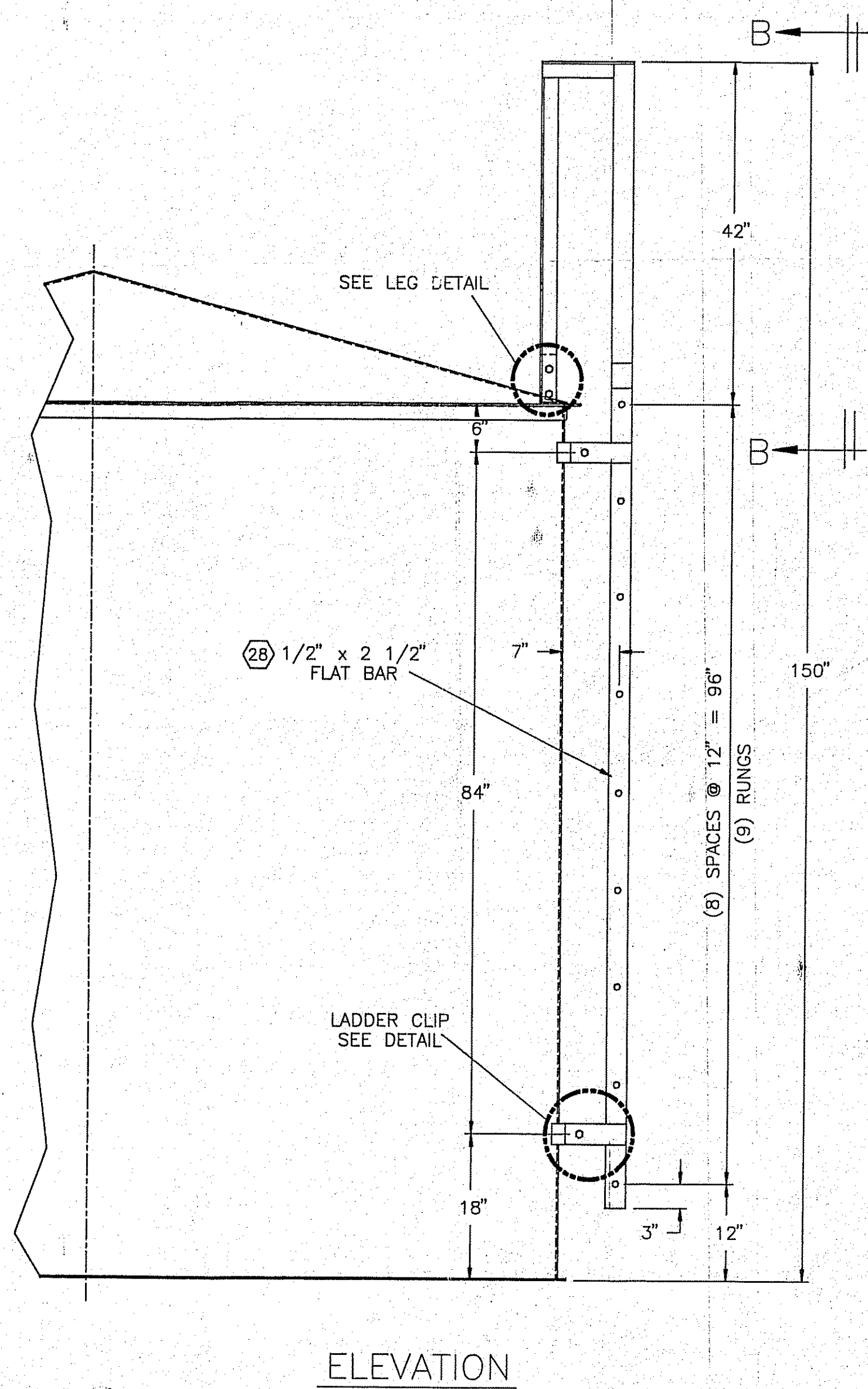
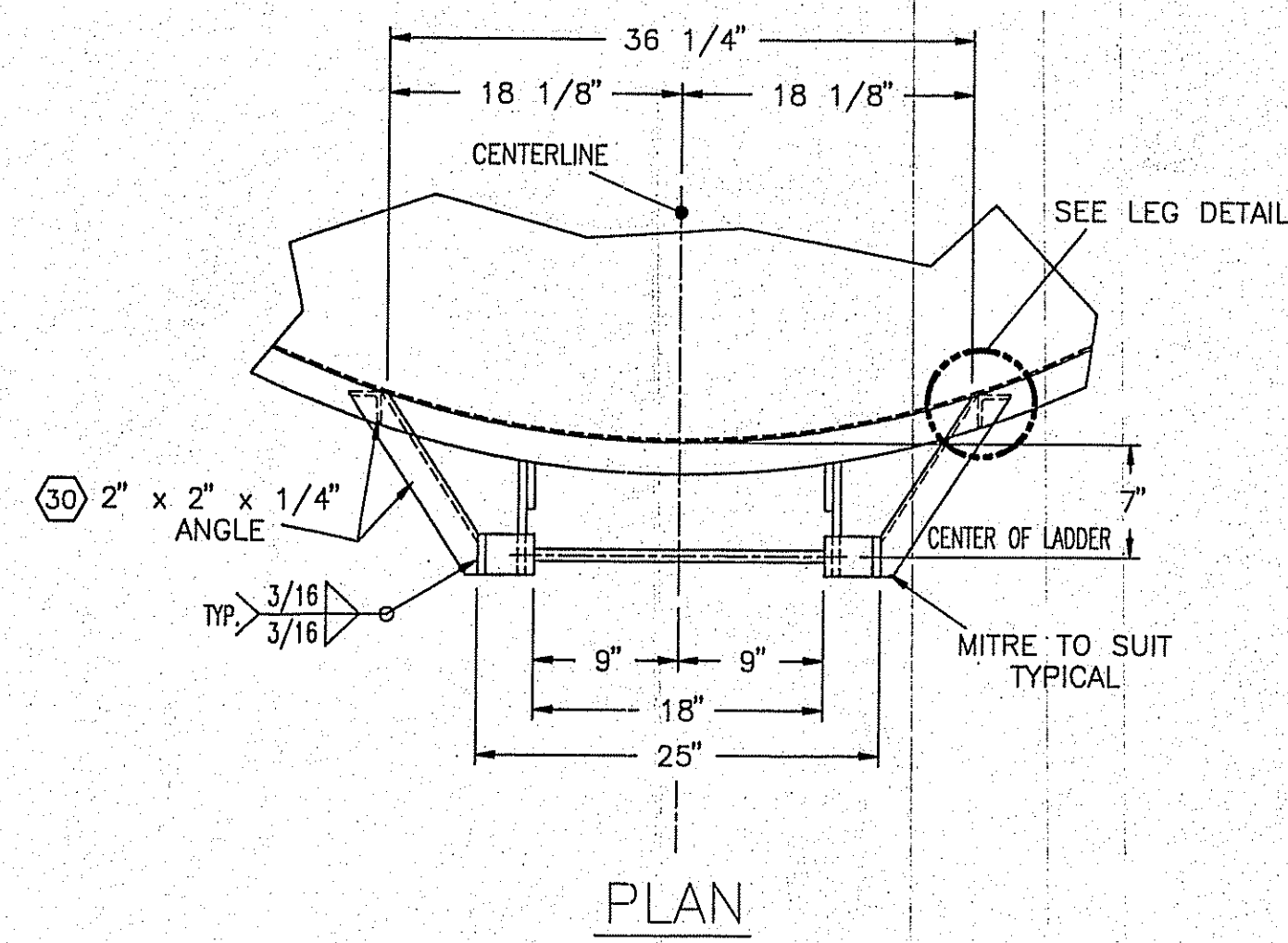
OVERALL DIM.: ±1/4"
NOZ. PROJ. AND LOCATION: ±1/4"
SUPT. AND LUG LOCATION: ±1/4"
FLG. FACE LEVEL: ±1/2"
ORIENTATION: ±1/4"

P.O.NO.: 91-00006
EQUIP. No.: T3213
PROJ. No.: 5262A
PLANT: CHATTANOOGA, TENNESSEE

ALLOY FABRICATORS, INC.
TRENTON, GA.
CUSTOMER
SOFIX CORPORATION
DWG. TITLE
USED TCE TANK

REV. DATE SCALE DRAWING NO. 1 of 3 ISSUE
1-31-91 NONE 1-164-A 2

6-07	W.M.	I. GASS	REMOVE HOLD @ BTM PLT. REV. PARTITION, RELOCATE N13	2
4-08	W.M.	I. GASS	REV. PER CUST. APP. ORIG. ISSUE TO SHOP	1
DATE	CHK'D	REV.	DESCRIPTION	REV.
RECD.	BY:	BY:		



RECEIVED
JUL 08 1991

SIMONS-EASTERN CONSULTANTS, INC.	
1-164-C	P. 5262A 001 OF 001
SHIMIZU AMERICA CORP. SOFIX CORPORATION	
RECEIVED 24 JUN 91	COPIES 3+1
P.O. 91-00006	FILE # 020
EQUIP. # T3213	
REVIEWED FOR GENERAL COMPLIANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND CONTRACT DOCUMENTS. NO RESPONSIBILITY IS ASSUMED FOR CORRECTNESS OF DIMENSIONS OR DETAILS. BY: <i>[Signature]</i> DATE: 6/12/91 ☐ NOT ACCEPTABLE NOT RELEASED FOR PRODUCTION REVISIONS REQUIRED ☐ SUBJECT TO REVISION AS INDICATED. RELEASED FOR PRODUCTION SUBMIT CERTIFIED DRAWINGS. ☒ NO EXCEPTION TAKEN. RELEASED FOR PRODUCTION. SUBMIT CERTIFIED DRAWING. ☐ CERTIFIED DRAWING ACCEPTED. RELEASED FOR PRODUCTION. ☐ NOT REQUIRED BY SIMONS FOR ENGINEERING DESIGN.	

SHIMIZU AMERICA CORP.
This release is made in accordance with the Design Concept of the Project and Contract Documents. No responsibility is assumed for correctness of dimensions or details.
BY: *[Signature]* DATE: 6/12/91
NOT ACCEPTABLE NOT RELEASED FOR PRODUCTION REVISIONS REQUIRED
SUBJECT TO REVISION AS INDICATED. RELEASED FOR PRODUCTION SUBMIT CERTIFIED DRAWINGS.
NO EXCEPTION TAKEN. RELEASED FOR PRODUCTION. SUBMIT CERTIFIED DRAWING.
CERTIFIED DRAWING ACCEPTED. RELEASED FOR PRODUCTION.
NOT REQUIRED BY SIMONS FOR ENGINEERING DESIGN.

SOFIX CORPORATION
Chattanooga, TN 37406

APPROVAL DRAWINGS

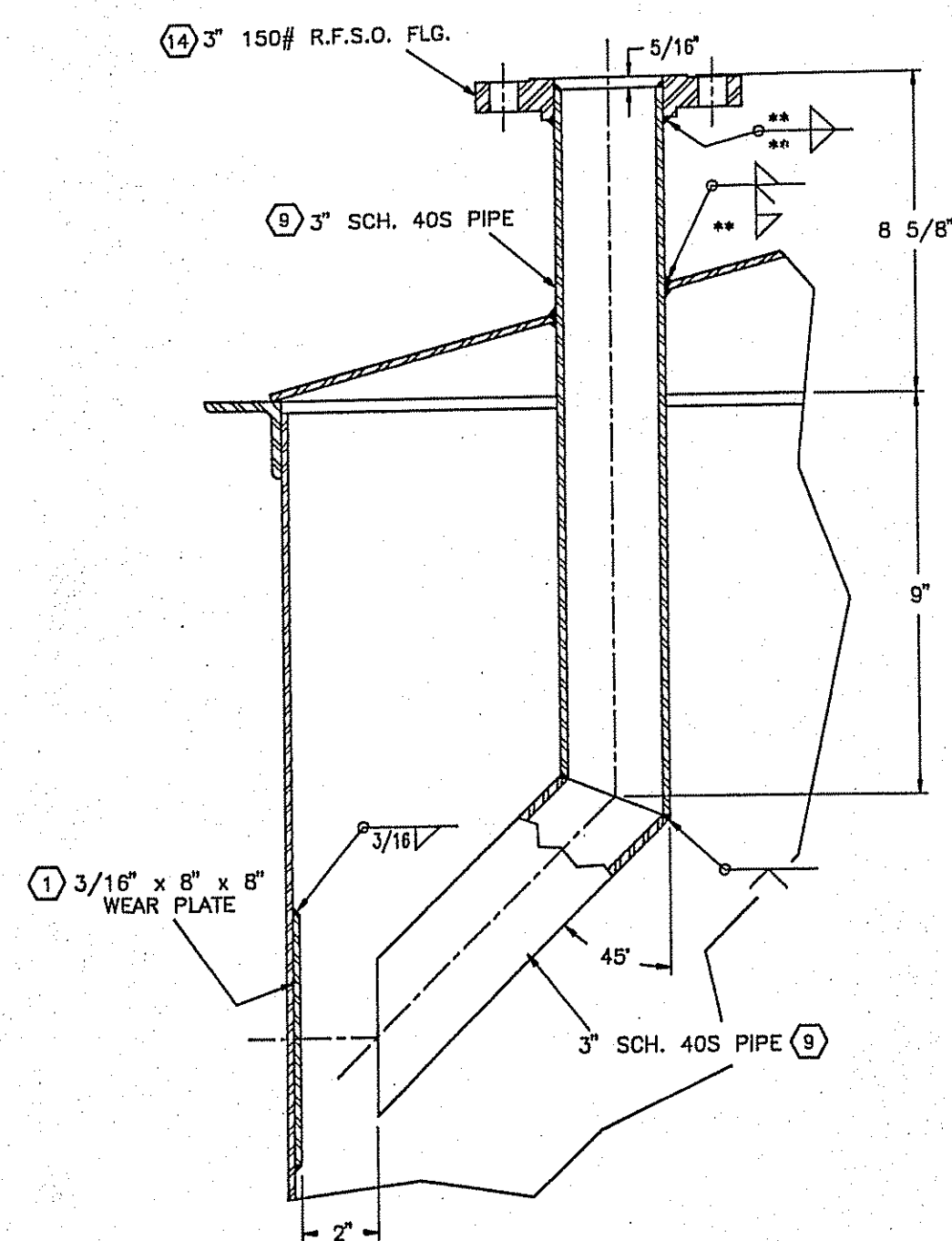
- Not Acceptable. Not released for production. Revise and resubmit.
- Subject to revision as indicated. Released for production, submit Certified drawings.
- No exception taken. Released for production, submit Certified drawing.

CERTIFIED DRAWINGS

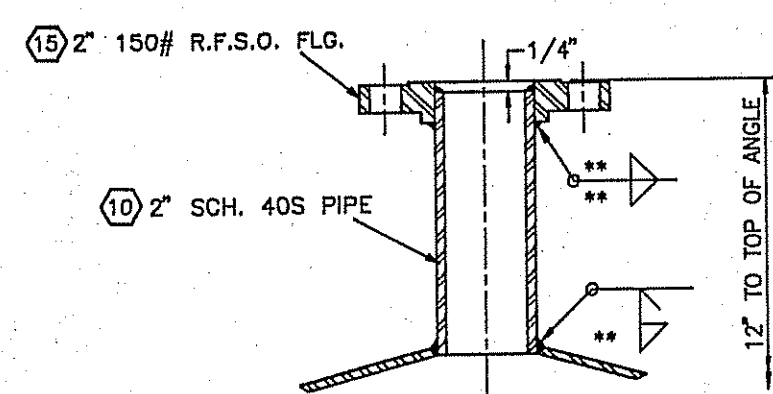
- Subject to revision as indicated. Released for production. Resubmit Certified drawings.
- Certified drawings accepted. Released for production, submit AS BUILT drawing.

BY: *[Signature]* Date: 7/1/91

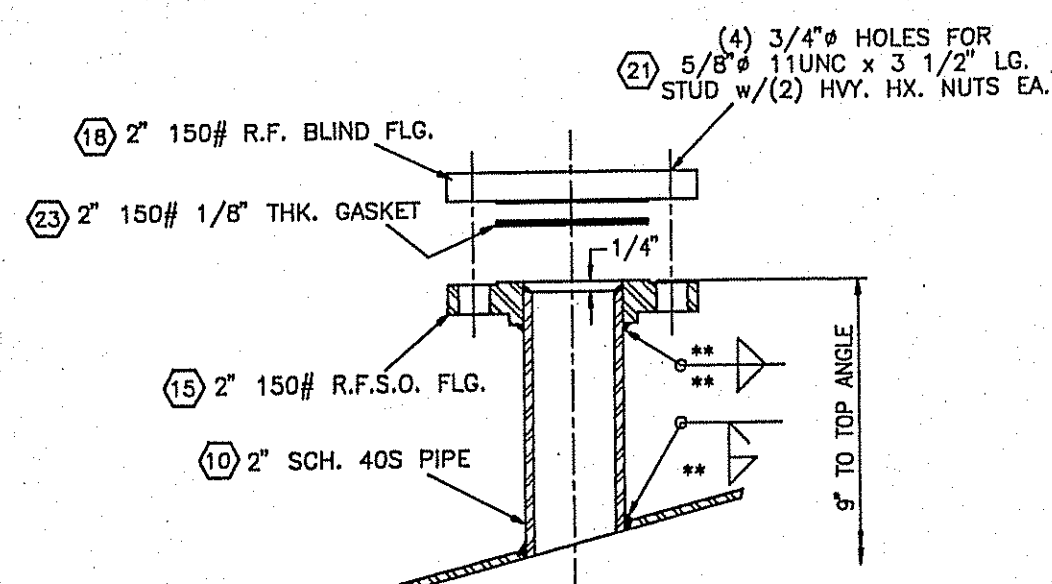
DATE RECD 8-07 CHK'D BY: G REV. BY: T. GASS T. GASS	DATE RECD 4-08 CHK'D BY: G REV. BY: T. GASS T. GASS	CUST. DATA	P.O. NO.: 91-00006
			EQUIP. No.: T3213
			PROJ. No.: 5262A
			DRAWN BY: TIM GASS
AS BUILT REV. PER. CUST. APP. ORIG. ISSUE TO SHOP	DESCRIPTION	DRAWING STATUS	CHECKED BY: KEVIN MULLINS
			ALLOY FABRICATORS, INC.
			TRENTON, GA.
			CUSTOMER SOFIX CORPORATION
DATE 2-1-91	SCALE NONE	REV.	DWG. TITLE USED TCE TANK
			DATE 2-1-91
			SCALE NONE
			DRAWING NO. 3 of 3 1-164-C
DATE 2-1-91	SCALE NONE	REV.	ISSUE 2
			DATE 2-1-91
			SCALE NONE
			DRAWING NO. 3 of 3 1-164-C



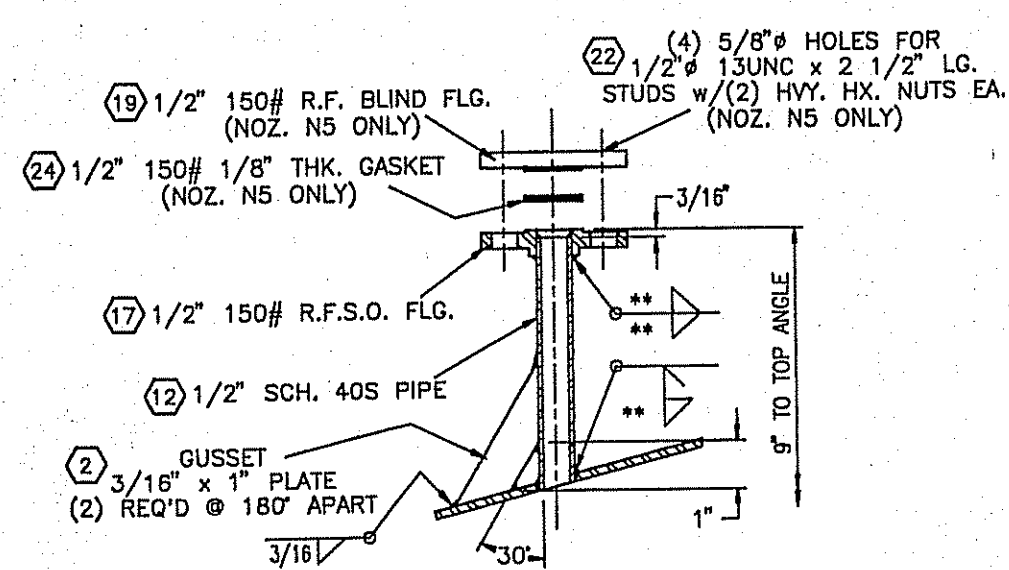
DETAIL NOZ. N1



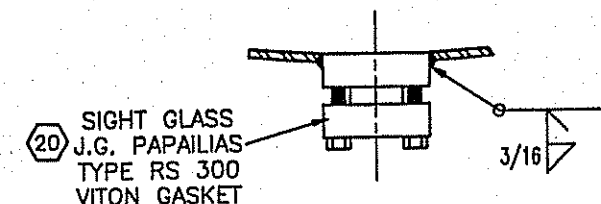
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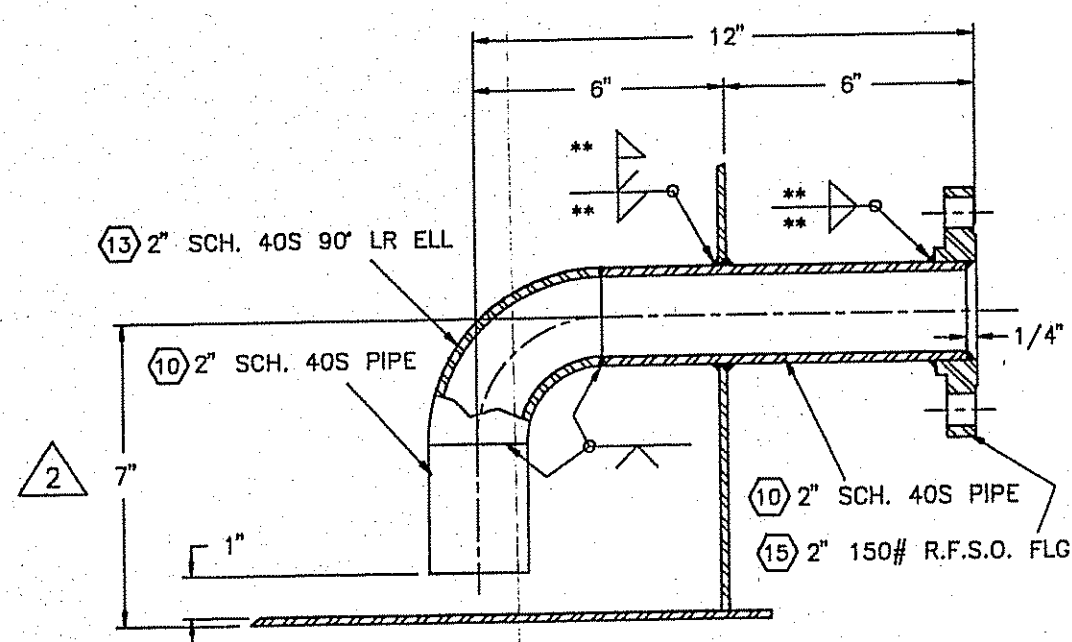
DETAIL NOZ. N11



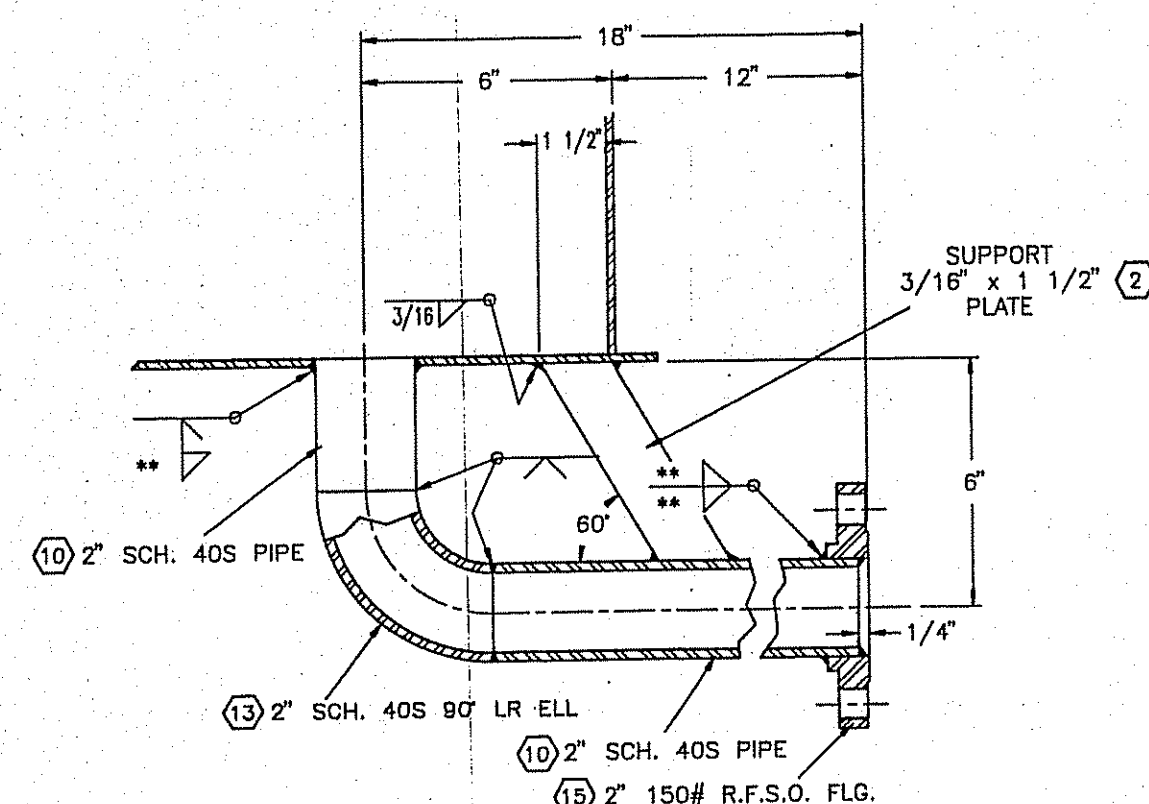
DETAIL NOZ. N5 & N9



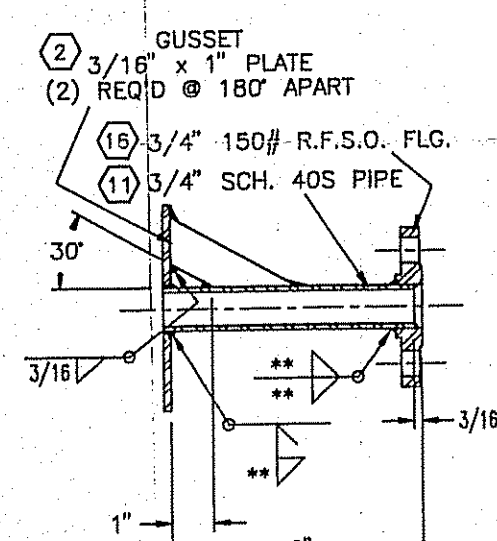
DETAIL NOZ. N10 & N17



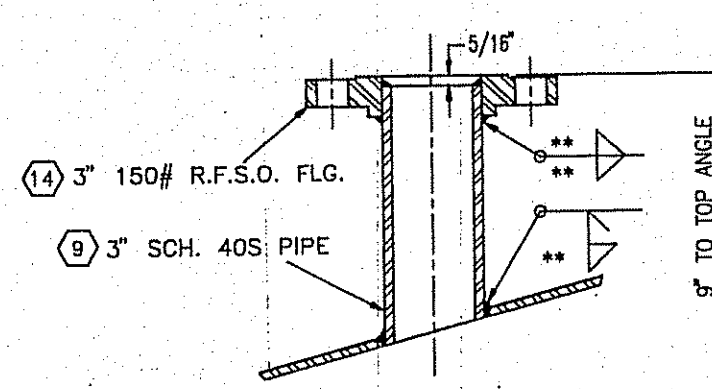
DETAIL NOZ. N3



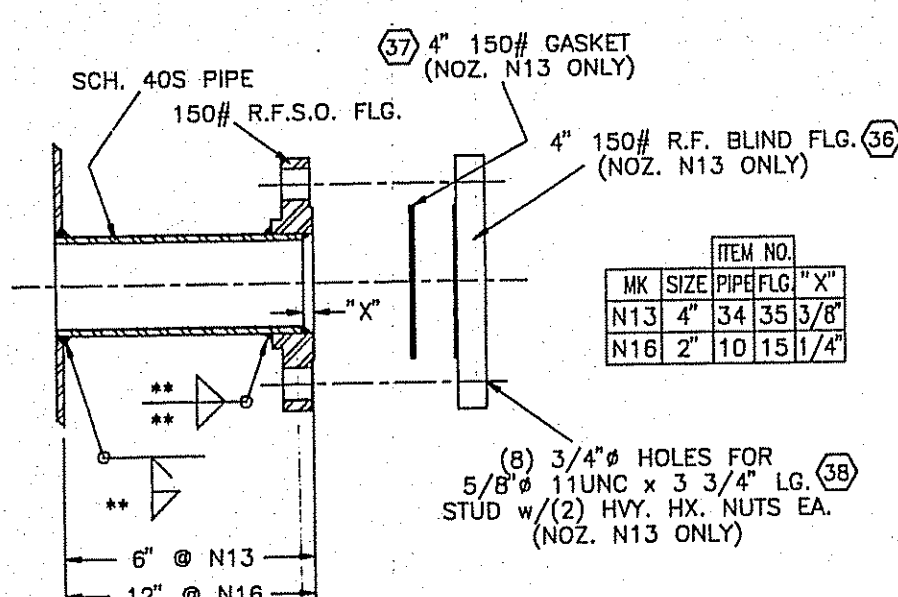
DETAIL NOZ. N7



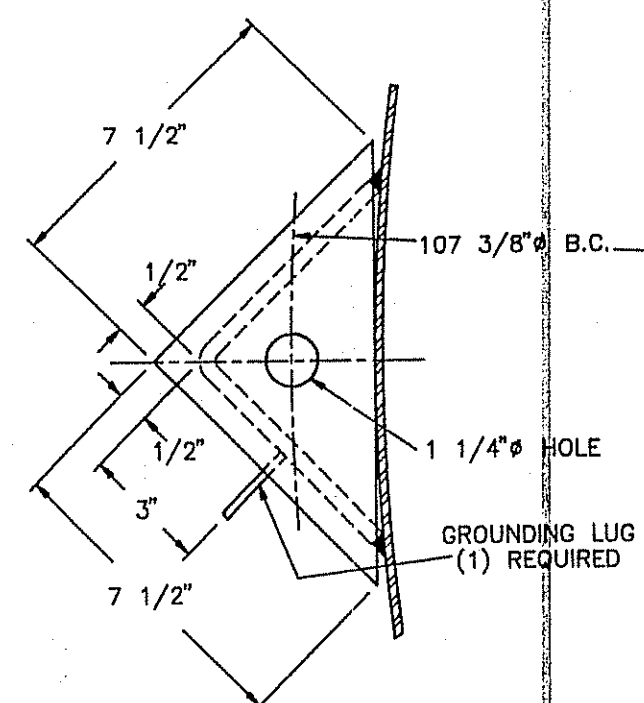
DETAIL NOZ. N8



DETAIL NOZ. N6

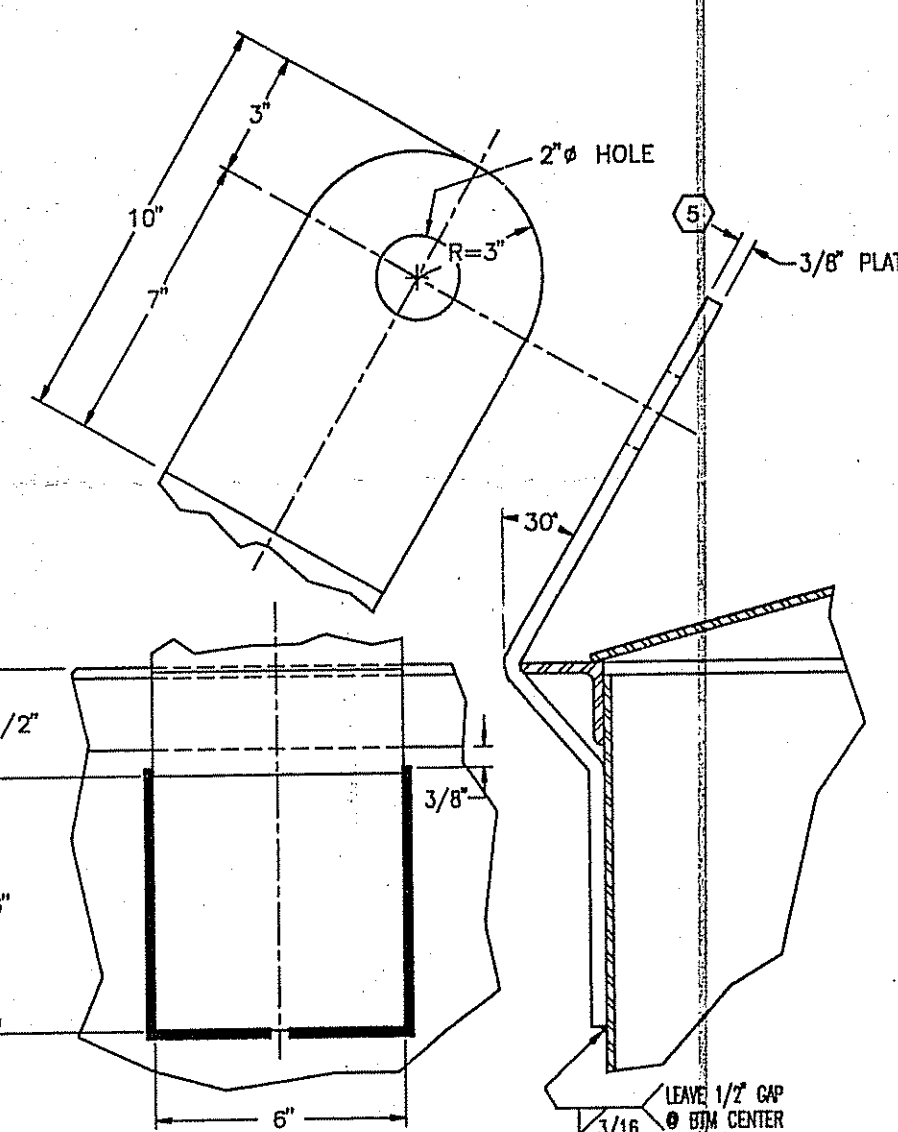


DETAIL NOZ. N13, & N16



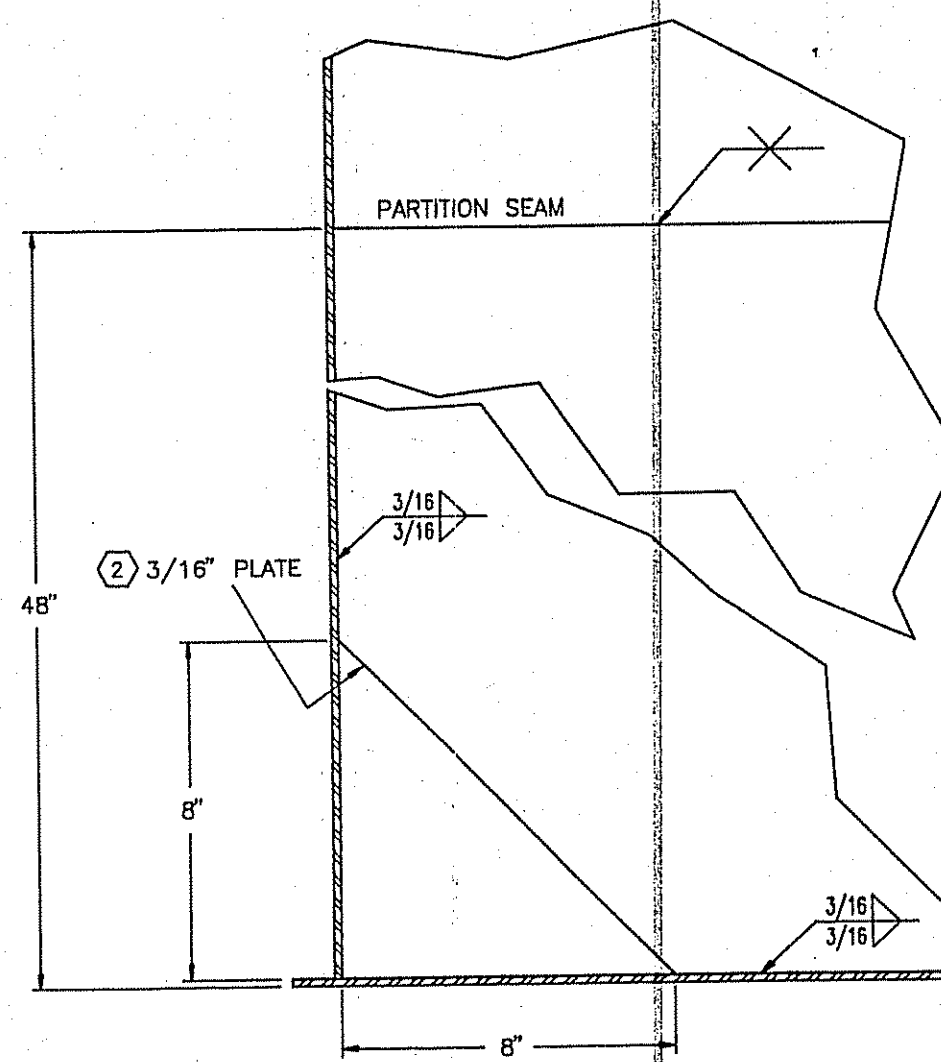
HOLD DOWN & GROUNDING LUG DETAIL

(4) HOLD DOWN LUGS REQ'D @ 90° APART
(2) GROUNDING LUGS REQ'D @ 180° APART



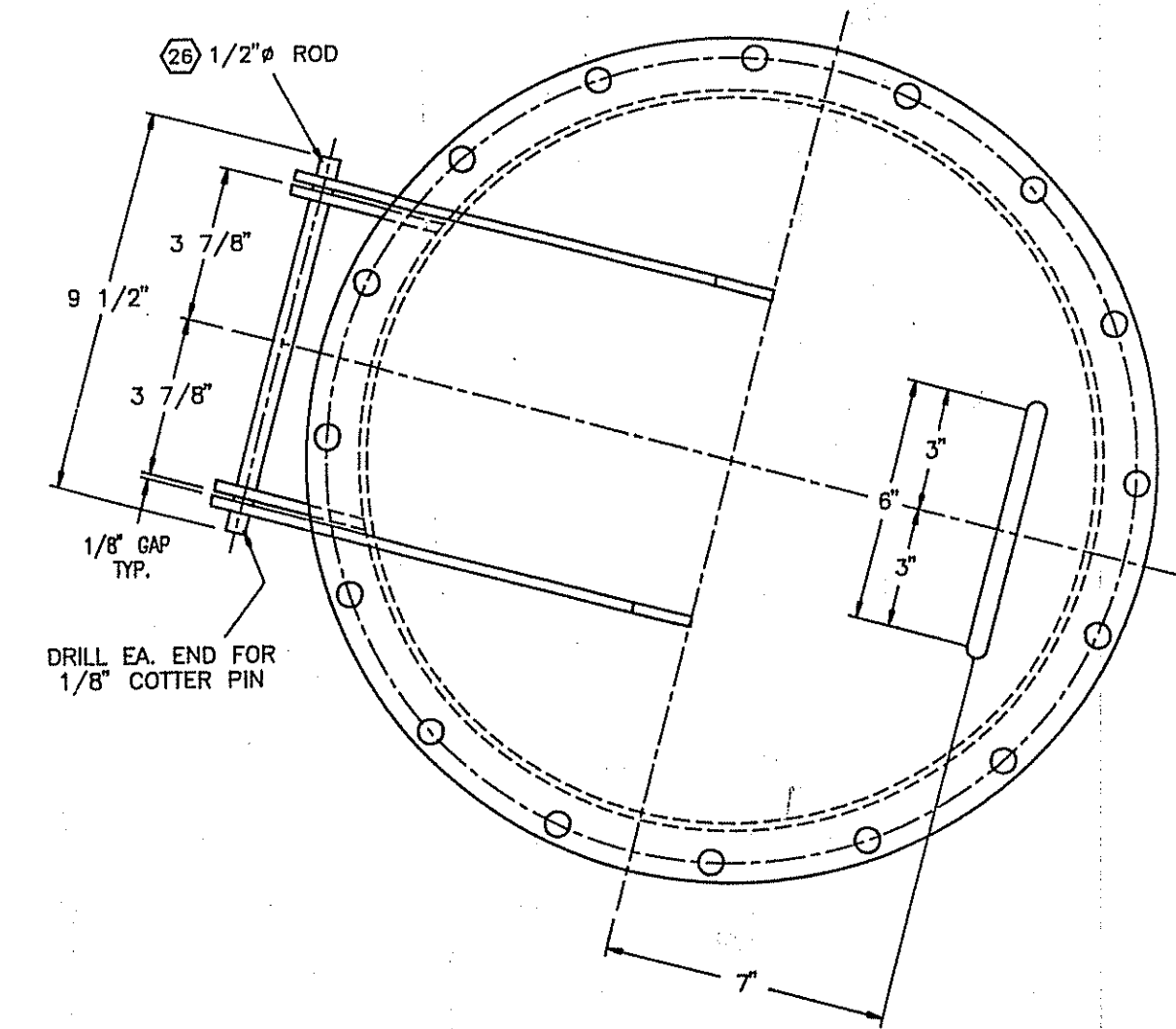
LIFTING LUG DETAIL

(3) REQ'D @ 120° APART

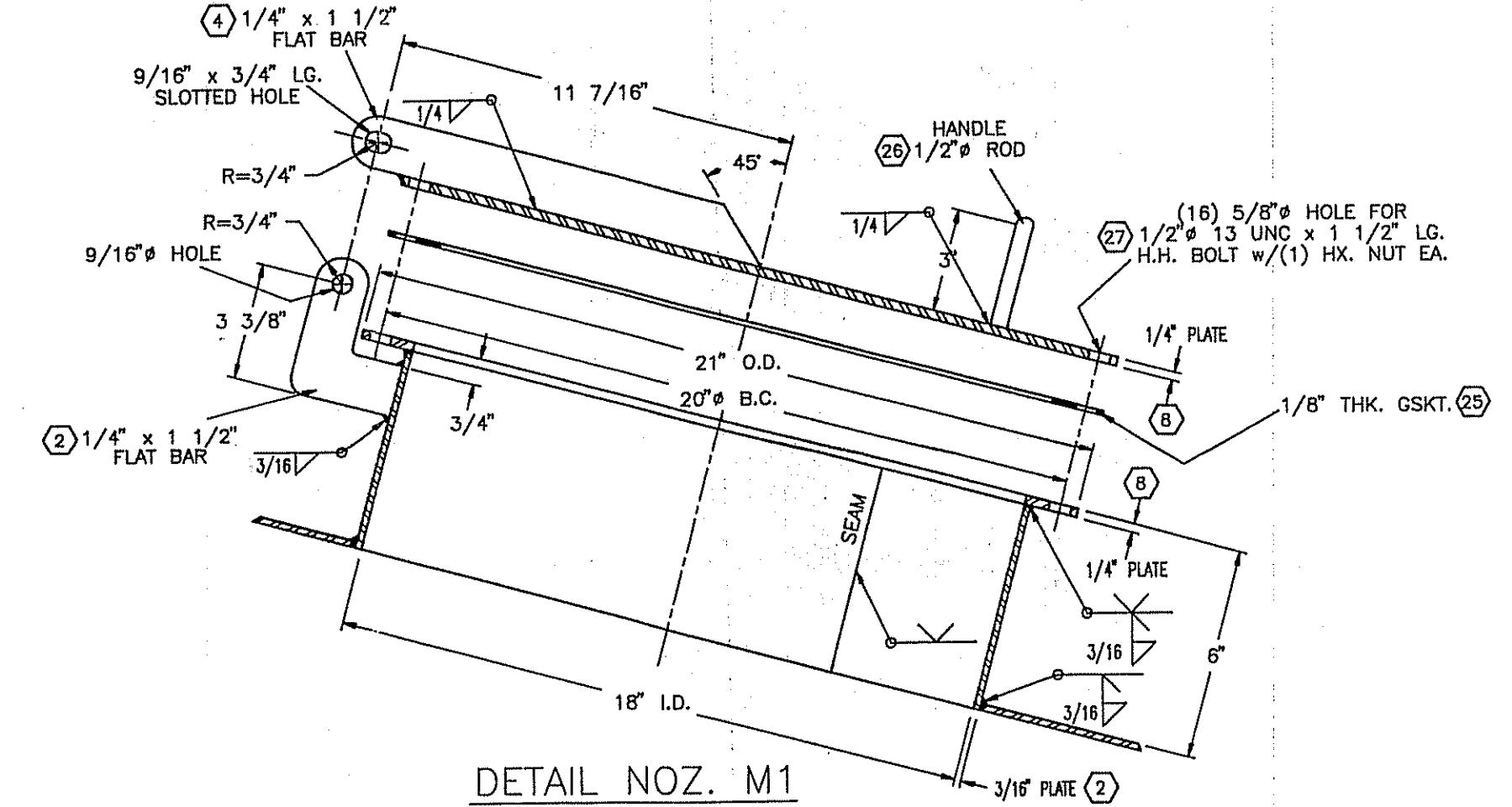


PARTITION DETAIL

TYPICAL (3) PLACES



DETAIL NOZ. M1



SIMONS-EASTERN CONSULTANTS, INC.

P.5262A 001 OF 001

SHIMIZU AMERICA CORP.
SOFIX CORPORATION

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P.O. 91-00006 FILE # 019
EQUIP. # T3213

REVIEWED
FOR GENERAL COMPLIANCE WITH THE DESIGN CONCEPT
OF THE PROJECT AND CONFIRMATION OF DOCUMENTS.
NO RESPONSIBILITY IS ASSUMED FOR CORRECTNESS
OF THE DRAWINGS OR DETAILS.
BY: DATE 6/19/91
NOT ACCEPTABLE NOT RELEASED FOR PRODUCTION REVISIONS AND RESUBMIT.
SUBJECT TO REVISION AS INDICATED, RELEASED FOR PRODUCTION-SUBMIT CERTIFIED DRAWINGS.
NO EXCEPTION TAKEN - RELEASED FOR PRODUCTION - SUBMIT CERTIFIED DRAWING.
CERTIFIED DRAWING ACCEPTED - RELEASED FOR PRODUCTION.
NOT REQUIRED BY BARONS FOR ENGINEERING DESIGN.

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

CERTIFIED
RELEASED FOR FABRICATION
Don Elliott DATE 6-19-91
PROJECT ENGINEER
ORIGINAL RELEASE DATE: 4-19-91

RETURN TO VENDOR

P.O. NO.: 91-00006
EQUIP. No.: T3213
PROJ. No.: 5262A
DRAWN BY: TIM CASS
CHECKED BY: KEVIN MULLINS
ALLOY FABRICATORS, INC.
TRENTON, GA.
CUSTOMER
SOFIX CORPORATION
DWG. TITLE
USED TCE TANK
DATE 2-1-91 SCALE NONE DRAWING NO. 2 of 3 ISSUE 2

SHIMIZU AMERICA CORP.
This release is made pursuant to the terms of the license of use
agreed to by Shimizu America Corp. and Sofix Corporation. The
release of this information is not to be construed as a release of
information provided in the contract or as a release of information
provided in the contract or as a release of information provided in the
contract or as a release of information provided in the contract.

SOFIX CORPORATION
Chattanooga, TN 37406

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Certified drawings accepted. Released for production, submit AS BUILT drawings.
BY: Date 7/14/91