

## 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 REQ'D.

|                  |               |             |        |      |
|------------------|---------------|-------------|--------|------|
| DESIGN CONDITION | P.S.I.G.      | VESSEL      | JACKET | COIL |
|                  | TEMP.         | 15          | 85     |      |
|                  |               | -5 TO 120°F | -5°F   |      |
|                  | CORR. ALLOW.  | NONE        | NONE   |      |
|                  | X-RAY         | NONE        | NONE   |      |
|                  | JOINT. EFF.   | 70%         | 70     |      |
|                  | TEST P.S.I.G. | 22.5        | 128    |      |
|                  | M.D.M.T.      | N/R         | N/R    |      |
| INSP.            | P.W.H.T.      | N/R         | N/R    |      |
|                  |               |             |        |      |

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

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

## CERTIFIED

RELEASED FOR FABRICATION

DATE

PROJECT ENGINEER

ORIGINAL RELEASE DATE: 6-11-91

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-ADPICKLE & PASSIVATE ALL STAINLESS STEEL  
SANDBLAST ALL C/S PER SSPC-SP6.  
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: VESSEL SP.GR.=1.84 JACKET SP.GR.=1.074  
CAPACITY: 2,263 GALLONS APPROX.  
WT. EMPTY: 6,250 LBS. APPROX.  
WT. WITH CONTENTS: 25,140 LBS. APPROX. w/WATER  
FLG. FACE FINISH: STANDARD AS PURCHASED

COVER ALL OPENINGS PRIOR TO SHIPMENT

DRAWN BY: ROSCOE PACE  
CHECKED BY: KEVIN MULLINSOVERALL 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.: 91-00008  
EQUIP. No.: C 1000  
PROJ. No.: 5262A  
PLANT: CHATTANOOGA, TN

ALLOY FABRICATORS, INC.

TRENTON, GA.

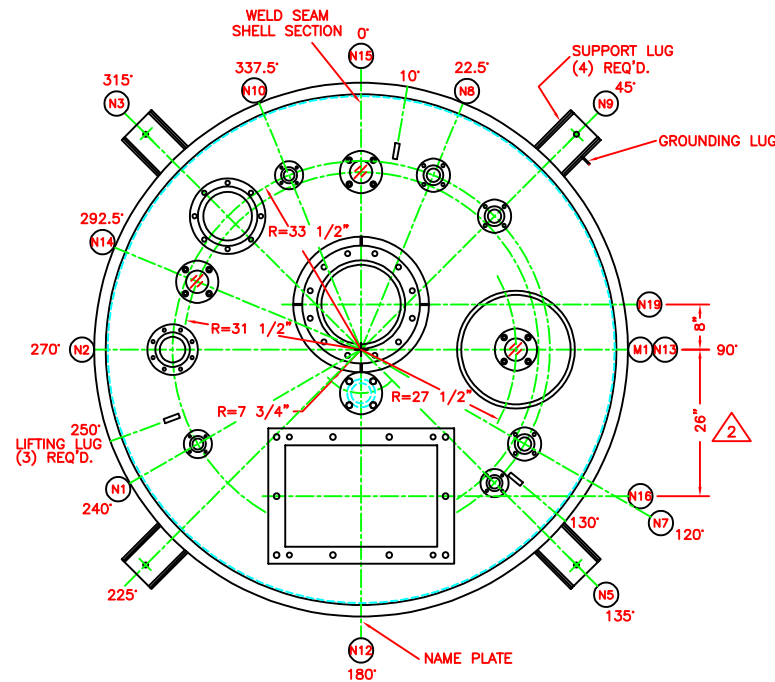
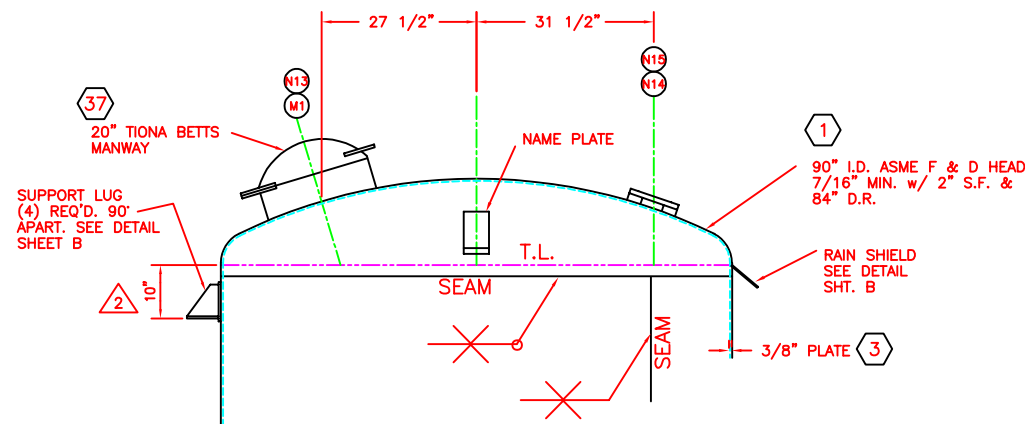
CUSTOMER

SOFIX CORPORATION

DWG. TITLE

CHARGING VESSEL

DATE 2/18/91 SCALE NONE DRAWING NO. 1 of 3 ISSUE 2

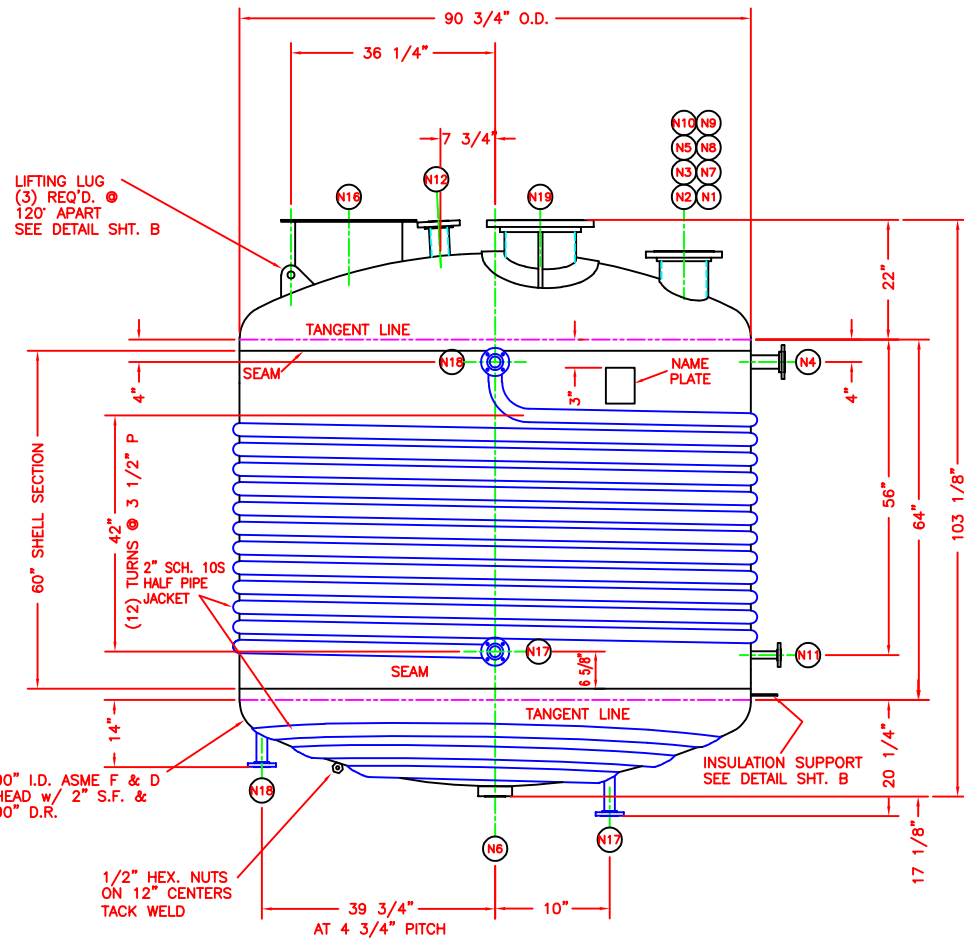


## PLAN @ TOP HEAD

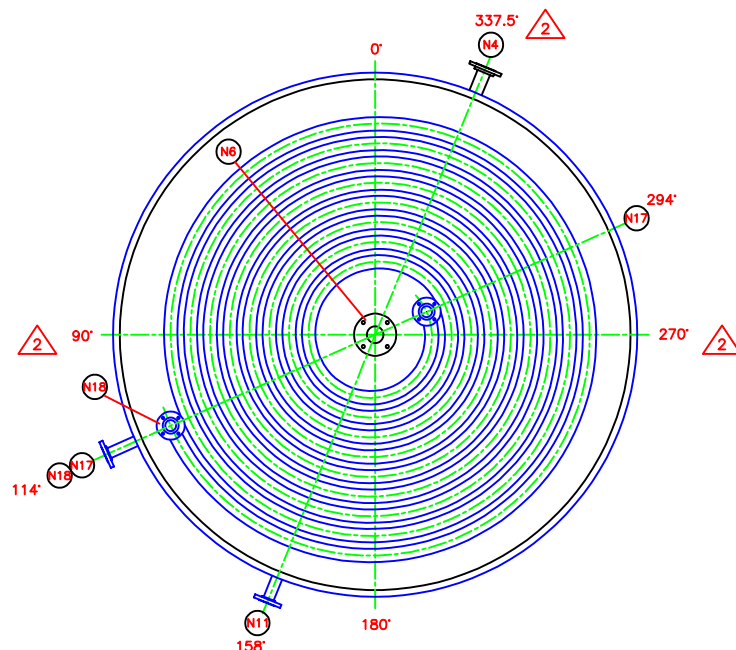
| M1  | 1         | 20"       | TIONA BETTS    | T-316L       | ---           | MANHOLE     | MODEL 8306-LCV |
|-----|-----------|-----------|----------------|--------------|---------------|-------------|----------------|
| N19 | 1         | 14"       | 150# R.F.S.O.  | SA-182F-316L | SA-240-316L   | AGITATOR    | ----           |
| N18 | 2         | 1 1/2"    | 150# F.F.S.O.  | SA-182F-304  | SA-312TP-316L | BR OUTLET   | ----           |
| N17 | 2         | 1 1/2"    | 150# F.F.S.O.  | SA-182F-304  | SA-312TP-316L | BS INLET    | ----           |
| N16 | 1         | 18" x 27" | 3/8" PLATE     | SA-240T-316L | SA-240T-316L  | LIQUID OUT. | ----           |
| N15 | 1         | 4"        | J.G. PAPAILIAS | T-316L       | ---           | LIGHT GLASS | ----           |
| N14 | 1         | 4"        | J.G. PAPAILIAS | T-316L       | ---           | SIGHT GLASS | ----           |
| N13 | 1         | 4"        | J.G. PAPAILIAS | T-316L       | ---           | SIGHT GLASS | ----           |
| N12 | 1         | 3"        | 150# R.F.S.O.  | SA-182F-316L | SA-312TP-316L | SPARE       | w/BLIND FLG.   |
| N11 | 1         | 1"        | 150# R.F.S.O.  | SA-182F-316L | SA-312TP-316L | TE          | ----           |
| N10 | 1         | 1 1/2"    | 150# R.F.S.O.  | SA-182F-316L | SA-312TP-316L | LS          | ----           |
| N9  | 1         | 2"        | 150# R.F.S.O.  | SA-182F-316L | SA-312TP-316L | SPARE       | w/BLIND FLG.   |
| N8  | 1         | 2"        | 150# R.F.S.O.  | SA-182F-316L | SA-312TP-316L | SPARE       | w/BLIND FLG.   |
| N7  | 1         | 2"        | 150# R.F.S.O.  | SA-182F-316L | SA-312TP-316L | VENT        | ----           |
| N6  | 1         | 3"        | 150# PAD FLG.  | SA-240T-316L | ---           | LIQUID OUT. | ----           |
| N5  | 1         | 1 1/2"    | 150# R.F.S.O.  | SA-182F-316L | SA-312TP-316L | SPARE       | w/BLIND FLG.   |
| N4  | 1         | 2"        | 150# R.F.S.O.  | SA-182F-316L | SA-312TP-316L | LIQUID IN.  | ----           |
| N3  | 1         | 8"        | 150# R.F.S.O.  | SA-182F-316L | SA-240-316L   | LIQUID IN.  | ----           |
| N2  | 1         | 4"        | 150# R.F.S.O.  | SA-182F-316L | SA-312TP-316L | LIQUID IN.  | ----           |
| N1  | 1         | 1 1/2"    | 150# R.F.S.O.  | SA-182F-316L | SA-312TP-316L | LIQUID IN.  | ----           |
| MK. | NO. REQ'D | SIZE      | DESCRIPTION    | MAT'L.       | NOZZ. NECK    | SERVICE     | REMARKS        |

NOZZLE SCHEDULE

|            |           |                                         |             |      |
|------------|-----------|-----------------------------------------|-------------|------|
| 7-31       | T. GASS   | AS BUILT                                | 2           | 16-9 |
| 5-13       | WETT      | REV. PER CUST. APP. ORIG. ISSUE TO SHOP | 1           | 5-20 |
| DATE RECD. | CHK'D BY: | REV. BY:                                | DESCRIPTION | REV. |

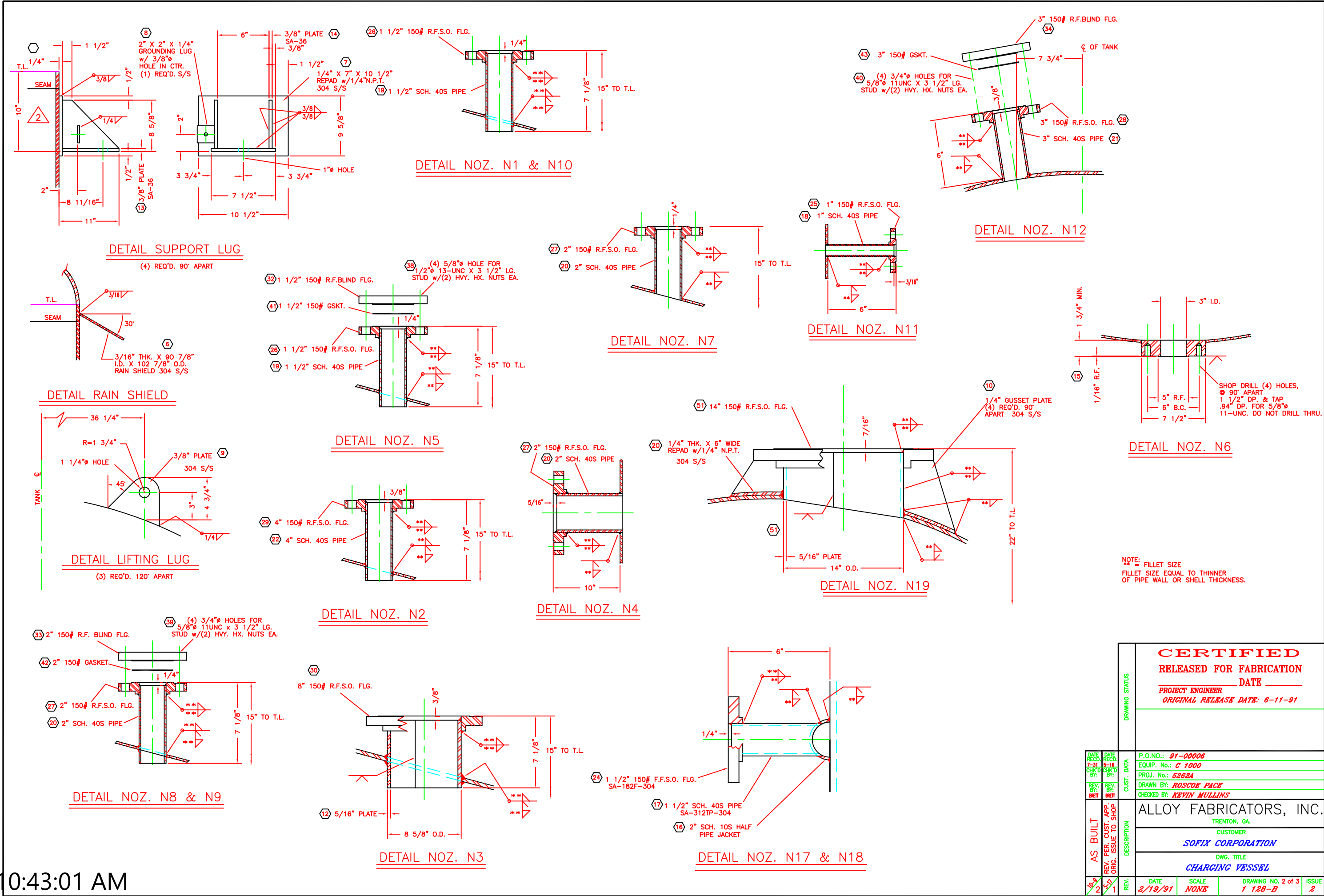


## ELEVATION



## PLAN @ BTM. HEAD

5/1/2024 10:22:25 AM



| DRAWING STATUS                          |                        | CERTIFIED                      |                    |
|-----------------------------------------|------------------------|--------------------------------|--------------------|
|                                         |                        | RELEASED FOR FABRICATION       |                    |
|                                         |                        | DATE _____                     |                    |
|                                         |                        | PROJECT ENGINEER               |                    |
|                                         |                        | ORIGINAL RELEASE DATE: 6-11-91 |                    |
| DATE RECD. BY: 2-21-91                  | DATE RECD. BY: 2-21-91 | P.O.NO.: 91-00006              |                    |
|                                         | DATE RECD. BY: 2-21-91 | EQUIP. No.: C 1000             |                    |
|                                         | DATE RECD. BY: 2-21-91 | PROJ. No.: 5262A               |                    |
|                                         | DATE RECD. BY: 2-21-91 | DRAWN BY: ROSCOE PACE          |                    |
| REV. BY: 10-9-91                        | REV. BY: 10-9-91       | CHECKED BY: KEVIN MULLINS      |                    |
|                                         | REV. BY: 10-9-91       | AS BUILT                       |                    |
| REV. PER. CUST. APP. ORG. ISSUE TO SHOP |                        | ALLOY FABRICATORS, INC.        |                    |
|                                         |                        | TRENTON, GA.                   |                    |
|                                         |                        | CUSTOMER                       |                    |
|                                         |                        | SOFIX CORPORATION              |                    |
|                                         |                        | DWG. TITLE                     |                    |
|                                         |                        | CHARGING VESSEL                |                    |
| REV. 1                                  | DATE 2/19/91           | SCALE NONE                     | DRAWING NO. 2 of 3 |
| REV. 2                                  | DATE 2/19/91           | SCALE NONE                     | ISSUE 2            |



### DETAIL INSULATION SUPPORT RING



FILLET EQUAL TO THINNER OF PIPE WALL OR SHELL THICKNESS.

5/1/2024 10:43:22 AM