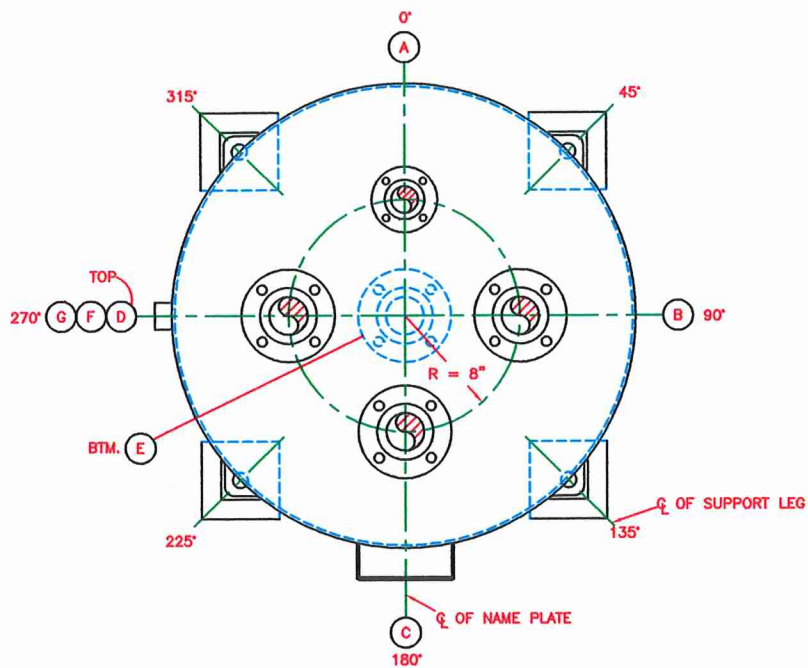
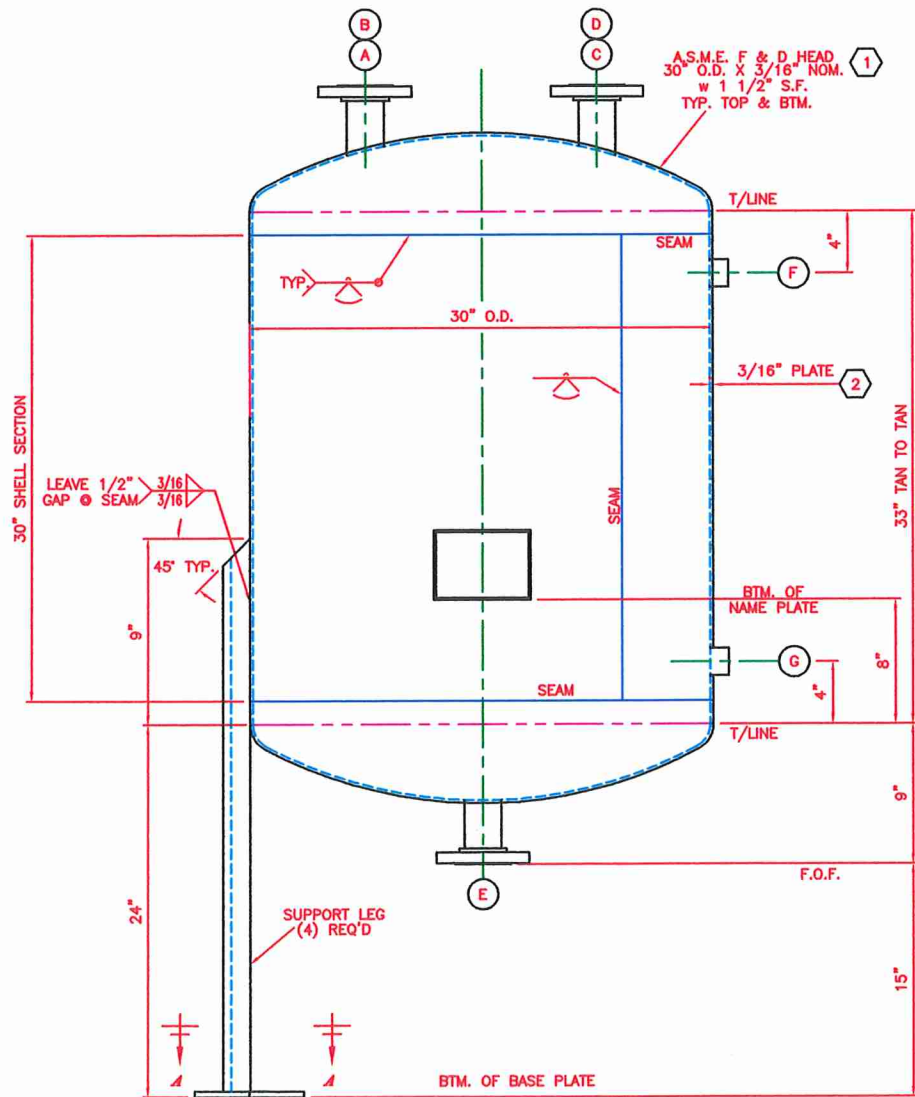
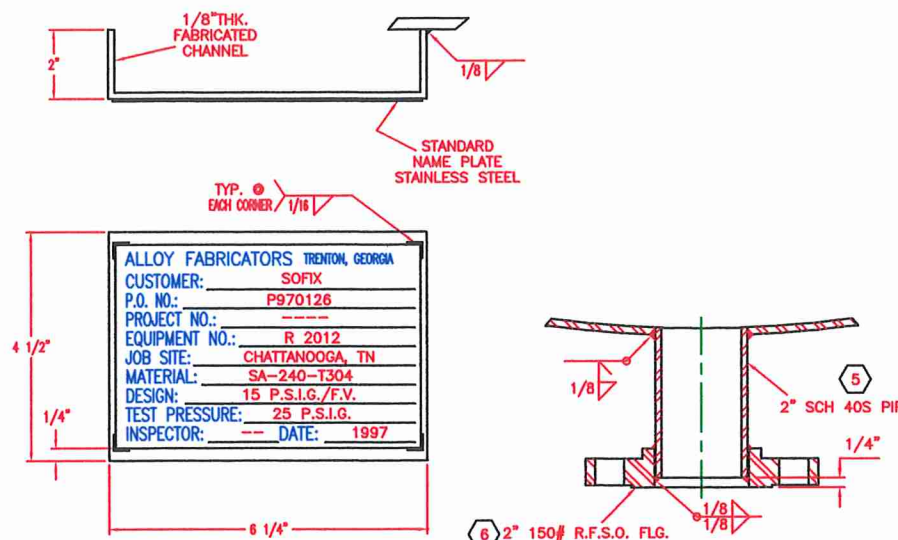




PLAN

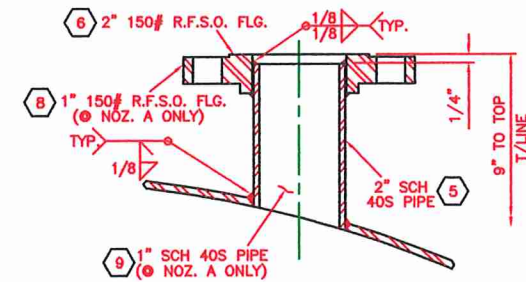


ELEVATION

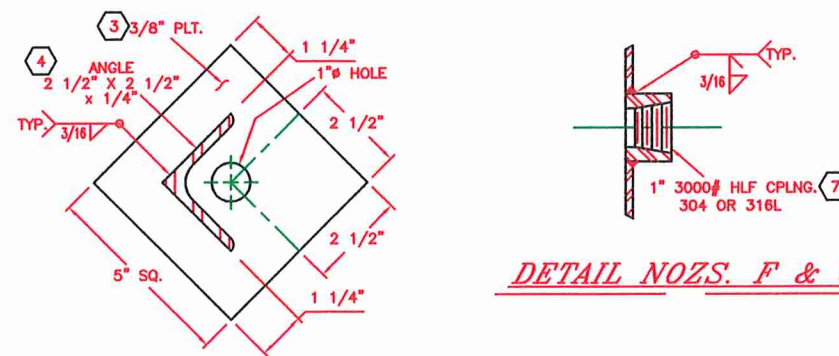


NAME PLATE DETAIL

DETAIL NOZ. E



DETAIL NOZS. A, B, C & D



DETAIL NOZS. F & G

SECTION A-A  
(4) REQ'D @ 90° APART

DETAILS

|            |           |          |                                         |      |                 |           |      |                    |             |              |                    |         |
|------------|-----------|----------|-----------------------------------------|------|-----------------|-----------|------|--------------------|-------------|--------------|--------------------|---------|
|            |           |          |                                         |      | G               | 1         | 1"   | 3000# HLF. CPLNG.  | SA-182-F304 | N/A          | LEVEL GAUGE        | ----    |
|            |           |          |                                         |      | F               | 1         | 1"   | 3000# HLF. CPLNG.  | SA-182-F304 | N/A          | LEVEL GAUGE        | ----    |
|            |           |          |                                         |      | E               | 1         | 2"   | 150# R.F.S.O. FLG. | SA-182-F304 | SCH 40S PIPE | OUTLET             | ----    |
|            |           |          |                                         |      | D               | 1         | 2"   | 150# R.F.S.O. FLG. | SA-182-F304 | SCH 40S PIPE | EX                 | ----    |
|            |           |          |                                         |      | C               | 1         | 2"   | 150# R.F.S.O. FLG. | SA-182-F304 | SCH 40S PIPE | FILL               | ----    |
|            |           |          |                                         |      | B               | 1         | 2"   | 150# R.F.S.O. FLG. | SA-182-F304 | SCH 40S PIPE | INLET              | ----    |
|            |           |          |                                         |      | A               | 1         | 1"   | 150# R.F.S.O. FLG. | SA-182-F304 | SCH 40S PIPE | N <sub>2</sub> GAS | ----    |
|            |           |          |                                         |      | MK.             | NO. REQ'D | SIZE | DESCRIPTION        | MAT'L.      | NOZZ. NECK   | SERVICE            | REMARKS |
| DATE RECD. | CHK'D BY: | REV. BY: | DESCRIPTION                             | REV. | NOZZLE SCHEDULE |           |      |                    |             |              |                    |         |
| 6-17       | T.R.      |          | AS BUILT                                | 3-12 |                 |           |      |                    |             |              |                    |         |
| 4-18       | T.R.      |          | REVISED ELEV. VIEW OF NOZ. F.           | 2-18 |                 |           |      |                    |             |              |                    |         |
| 4-10       | T.R.      |          | REV. PER CUST. APP. ORIG. ISSUE TO SHOP | 1-11 |                 |           |      |                    |             |              |                    |         |

NOZZLE SCHEDULE

## VESSEL SPECIFICATION

|             |                                                                    |             |                                                         |
|-------------|--------------------------------------------------------------------|-------------|---------------------------------------------------------|
| DESIGN CODE | A.S.M.E. CODE SECTION VIII<br>DIV. I; 1995 EDITION<br>1995 ADDENDA | HOLD POINTS | 1. FIT-UP<br>2. WELDING<br>3. TESTING<br>4.<br>5.<br>6. |
|-------------|--------------------------------------------------------------------|-------------|---------------------------------------------------------|

CODE STAMP: NOT REQ'D

|                  |                      |
|------------------|----------------------|
| DESIGN CONDITION | TANK                 |
| DESIGN P.S.I.G.  | 15 P.S.I.G./F.V.     |
| M.A.W.P.         | 15 P.S.I.G./F.V.     |
| TEMP.            | 150° F.              |
| CORR. ALLOW.     | NONE                 |
| X-RAY            | NONE                 |
| JOINT. EFF.      | 70%                  |
| TEST P.S.I.G.    | 25 P.S.I.G.          |
| M.D.M.T.         | -20° F @ 15 P.S.I.G. |
| P.W.H.T.         | N/A                  |

|        |                     |
|--------|---------------------|
| INSP.  | CUST. SOFIX         |
| A.F.I. | OUR QUALITY CONTROL |

|                  |              |
|------------------|--------------|
| VESSEL MATERIALS | TANK         |
| HEADS            | SA-240-T304  |
| SHELL            | SA-240-T304  |
| PIPE             | SA-312-TP304 |
| FLG'S            | SA-182-F304  |
| PADS             | N/A          |
| BOLTS            | N/A          |
| NUTS             | N/A          |
| SUPT'S           | SA-240-T304  |
| GSK'T            | N/A          |
| L.L.             | N/A          |
| INSUL            | N/A          |

|                |                                                                   |
|----------------|-------------------------------------------------------------------|
| DRAWING STATUS | CERTIFIED<br>RELEASED FOR FABRICATION<br>PROJECT ENGINEER<br>DATE |
|----------------|-------------------------------------------------------------------|

|                             |  |
|-----------------------------|--|
| NON-DESTRUCTIVE EXAMINATION |  |
|-----------------------------|--|

|         |                                                                                 |
|---------|---------------------------------------------------------------------------------|
| WELDING | FULL PENETRATION AS NOTED AS PER A.F.I. WELD SPEC. NO.:<br>8-8-A, 8-8-B, 8-8-B1 |
|---------|---------------------------------------------------------------------------------|

|              |                                                                       |
|--------------|-----------------------------------------------------------------------|
| SURFACE FIN. | ALL WELDS-SMOOTH AS WELDED.<br>PICKLE & PASSIVATE ALL STAINLESS STEEL |
|--------------|-----------------------------------------------------------------------|

|             |                                                                                                                                                                                         |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VESSEL DATA | CONTENTS: --- SP. GR. = ---<br>CAPACITY: 100 GALLONS APPROX.<br>WT. EMPTY: 380 LBS. APPROX.<br>WT. WITH CONTENTS: 1,213 LBS. APPROX. w/WATER<br>FLG. FACE FINISH: STANDARD AS PURCHASED |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|         |                                      |
|---------|--------------------------------------|
| REMARKS | COVER ALL OPENINGS PRIOR TO SHIPMENT |
|---------|--------------------------------------|

|                                                      |  |
|------------------------------------------------------|--|
| DRAWN BY: TERRY REYNOLDS<br>CHECKED BY: AVERY KESSEE |  |
|------------------------------------------------------|--|

|            |                                                                                                                                        |
|------------|----------------------------------------------------------------------------------------------------------------------------------------|
| TOLERANCES | OVERALL DIM.: ±1/4"<br>NOZ. PROJ. AND LOCATION: ±1/4"<br>SUPT. AND LUG LOCATION: ±1/4"<br>FLG. FACE LEVEL: ±1/2"<br>ORIENTATION: ±1/4" |
|------------|----------------------------------------------------------------------------------------------------------------------------------------|

|            |                                                                                    |
|------------|------------------------------------------------------------------------------------|
| CUST. DATA | P.O.NO.: P970136<br>EQUIP. No.: R 2012<br>PROJ. No.: ---<br>PLANT: CHATTANOOGA, TN |
|------------|------------------------------------------------------------------------------------|

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| ALLOY FABRICATORS, INC. | TRENTON, GA.                                       |
| CUSTOMER                | SOFIX                                              |
| DWG. TITLE              | TOLUENE TANK                                       |
| REV.                    | DATE 3-24-97 SCALE NONE DRAWING NO. 1 of 1 ISSUE 3 |

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