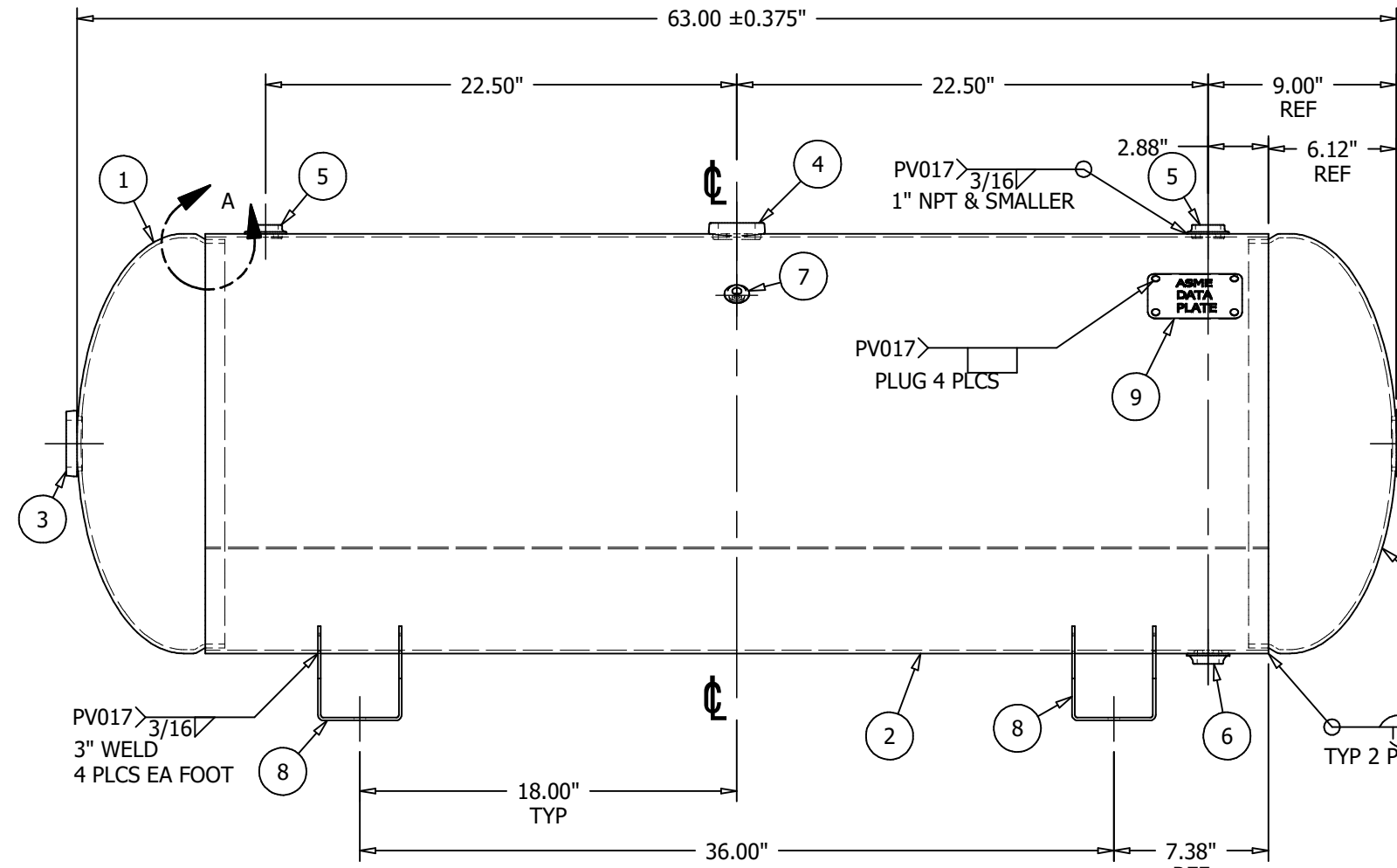
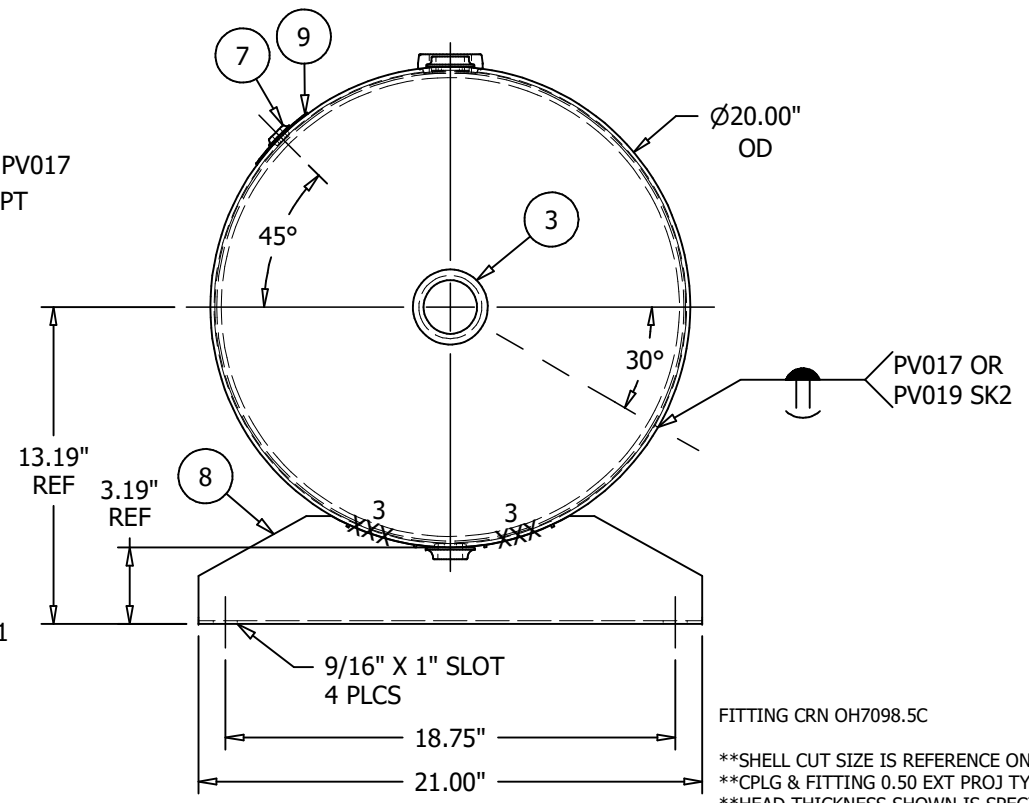


| ITEM | P/N           | DESCRIPTION  | QTY |
|------|---------------|--|-----|
| 1    | H20187J-414G  | HEAD , 0.177 M/ 0.187 N x 20" 2:1 JOGGLE W/ 1.96" SF SA414-G | 2   |
| 2    | A10031-300-SL | SHELL BURNT 0.200 CS SA414-G 50.75 x 20.00 OD                | 1   |
| 3    | F102000       | WELD FLG 2.000 NPT CS SA181-70 FLAT 398 O/R                  | 2   |
| 4    | F101501       | WELD FLG 1.500 NPT CS SA181-70 RAD 957 O/R                   | 1   |
| 5    | F101000       | WELD FLG 1.000 NPT CS SA181-70 FLAT 255                      | 2   |
| 6    | F100750       | WELD FLG 0.750 NPT CS SA181-70 FLAT 254                      | 1   |
| 7    | F100250       | WELD FLG 0.250 NPT CS SA181-70 FLAT 251                      | 1   |
| 8    | S100039       | CHANNEL FOOT 0.135 A1011CS-B 4.000 x 4.500 x21.00            | 2   |
| 9    | A10031-300-NP | NAME PLATE FOR A10031-300 A569                               | 1   |

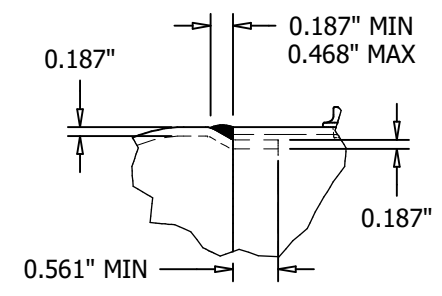


FRONT VIEW

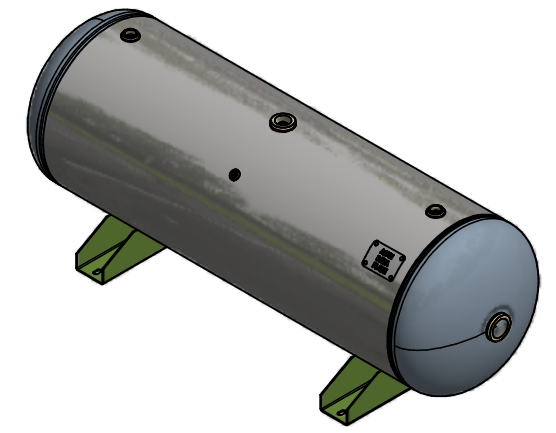


RIGHT END VIEW

FITTING CRN OH7098.5C  
 \*\*SHELL CUT SIZE IS REFERENCE ONLY  
 \*\*CPLG & FITTING 0.50 EXT PROJ TYP  
 \*\*HEAD THICKNESS SHOWN IS SPECIFIED MINIMUM  
 \*\*RADIUS INSIDE PROJECTED EDGES OF NOZZLES 1/8" MIN  
 \*\*SEE PAGE 2 FOR FINISH  
 \*\*IMPACT TEST EXEMPT PER UG 20(f)  
 20" X 63" 300# HORIZONTAL AIR RECEIVER  
 NOTES



DETAIL A



| REV | DATE     | DESCRIPTION                           | ENG | QCM | AI/DATE    |
|-----|----------|---------------------------------------|-----|-----|------------|
| 2   | 7/11/18  | REVISED NP POSTIION TO NEW STANDARD   | MG  | BW  | BQ 7/24/18 |
| 3   | 10/15/18 | UPDATED TO DIVISIONAL WELD PROCEDURES | MG  | BW  | NA         |
| 4   | 8/3/21   | ADDED JOINT DETAIL SK                 | MG  | N/A | BQ 8/3/21  |

TRAVELER REQUIRED  No  Yes IF YES THEN FIXTURE # **A10031**

|                               |             |   |         |  |                |
|-------------------------------|-------------|---|---------|--|----------------|
| <b>RELEASED TO PRODUCTION</b> |             | TOLERANCES ARE PER EN1370 STEEL FAB STANDARD TOLERANCES |         | DESIGN & CALCULATIONS COMPLY WITH ASME CODE SECTION VIII, DIV1. LATEST EDITION |                |
| SALES ORDER#                  |             | QTY:  |         | A10031@300PSI  |                |
| RELEASE DATE:                 |             |   |         | ENG. APP'L / DATE  | JE - 6/17/2016 |
| NB/SERIAL#                    |             |   |         | QCM. APP'L / DATE  | BW-6/17/2016   |
| HEAD THK: <u>.177</u> " MIN   | C.A.: ---   | MAT'L   | SA414-G | EFF  | 85 %           |
| SHELL THK: <u>.200</u> " NOM  | C.A.: ----  | MAT'L   | SA414-G | EFF  | 70 %           |
| NAT'L BD: YES                 | STAMP " U " |   |         | STEEL FAB  |                |
| VOLUME: 80 APPROX             | GAL         | MAWP  | 300 PSI | AT   | 400 °F         |
| SHIPPING WEIGHT: 220          | LBS         | MDMT  | -20 °F  | AT   | 300 PSI        |
| CRN: L4044.568013N            |             | TEST:   | HYDRO   | AT   | 390 PSI        |
|                               |             | TEST:   | PNEU    | AT   | 390 PSI        |
|                               |             | BURLINGTON, ONT   |         | LEBANON, VA  |                |
| DRAWN BY: <b>IDV</b>          |             | P/N   |         | A10031-300   |                |
| DATE: 6/4/2016                |             |   |         | PAGE   | REV            |
|                               |             |   |         | 1 OF 2   | 4              |

### FINISH SPECIFICATION

ALL TANKS REQUIRE:  
 INTERIOR AND EXTERIOR TO BE FREE OF WELD  
 SPATTER, DRY INTERIOR AFTER HYDROTEST, VACUUM  
 INTERIOR FREE OF LOOSE PARTICLES

#### PRE-ASSEMBLY SURFACE PREP:

#### POST-ASSEMBLY SURFACE PREP:

#### EXTERIOR FINISH:

POWDER PAINT EXTERIOR GRAY PRIMER (PL216QF)

#### INTERIOR FINISH:

**\*\* DO NOT PAINT SEALING SURFACES OF FLANGES \*\***  
**\*\* DO NOT PAINT STAINLESS STEEL NAMEPLATES \*\***

#### ADDITIONAL NOTES:

#### OUTSIDE SERVICE VERIFICATION

WHEN PRODUCT IS SHIPPED DIRECT TO CUSTOMER FROM VENDOR,  
 OUTSIDE VENDOR SHALL SIGN OFF INDICATING ACCEPTANCE OF  
 ALL CRITERIA ON FINISH SPECIFICATIONS. FINISH SPECIFICATIONS  
 SHALL BE SIGNED BY VENDOR & RETURNED TO STEEL FAB AFTER  
 JOB IS COMPLETE.

\_\_\_\_\_  
 SIGNED    DATE

### SHIPPING AND PACKAGING

#### GENERAL NOTES

PLUG ALL UNPLUGGED OPENINGS WITH PLASTIC PLUGS AFTER PAINTING  
 BUILD SKID SO THAT TANK DOES NOT EXTEND BEYOND EDGES OF SKID  
 USE FOAM UNDER BANDS

REFER TO SHOP ORDER - SHIPPING WORK GUIDELINES, FOR ADDITIONAL  
 INSTRUCTIONS (IF APPLICABLE)

#### PACKAGING MATERIALS

REFER TO PALLET DRAWING \_\_\_\_\_

PALLET SIZE \_\_\_\_ X \_\_\_\_ COLOR CODE: \_\_\_\_\_

STACK PER PALLET DRAWING USING CARDBOARD, BANDS, FOAM, AND  
 SHRINK WRAP AS APPLICABLE

#### ADDITIONAL SHIPPING INSTRUCTIONS

### DOCUMENTATION

### WELD JOINT DETAILS

DESIGN & CALCULATIONS COMPLY WITH  
 ASME CODE SECTION VIII, DIV1.  
 LATEST EDITION

|               |  |
|---------------|--|
| A10031@300PSI | ENG. APPL / DATE<br>JE - 6/17/2016       |
|               | QCM. APPL / DATE<br>BW-6/17/2016         |
|               | A.I. VERIFICATION / DATE<br>WH-6/20/2016 |

STEEL FAB

|                  |            |             |      |
|------------------|------------|-------------|------|
| BURLINGTON, ONT. |            | LEBANON, VA |      |
| DRAWN BY: IDV    | P/N        | PAGE        | REV. |
| DATE: 6/4/2016   | A10031-300 | 2 OF 2      | 4    |