NOTES:

1. TANK JOINTS:
   PRIMARY TANK HEAD JOINTS SHALL INCORPORATE DOUBLE WELDED LAP JOINTS IN ACCORDANCE WITH UL 142
   Figure 6.2, No.6.
   SECONDARY TANK HEAD JOINTS SHALL BE SINGLE WELDED GROOVE WELD IN ACCORDANCE WITH UL 124.
   Figure 6.2 No.8.
   PRIMARY AND SECONDARY TANK SHELL JOINTS SHALL BE DOUBLE WELDED IN ACCORDANCE WITH UL 142
   Figure 6.1 No.1.
   SEAMS ON ENDS OF ALL HORIZONTAL TANKS SHALL BE EITHER VERTICAL OR HORIZONTAL, SKewed SEAMS SHALL
   BE CAUSE FOR REJECTION OF TANKS.

2. LABELING:
   ALL TANK PENETRATIONS SHALL BE LABELED IN ACCORDANCE WITH FITTING SCHEDULE IN 2" HIGH BLACK
   LETTERING.

3. PAINT:
   SPI GUST BLAST, PRIME COAT DEVIE KATHA-COAT 302h INORGANIC ZINC PRIMER 3 MILS DFT, INTERMEDIATE COAT
   DEVIE BAR-RUST 236 5-9 MILS DFT, TOP COAT DEVIE DEVITHANE 369 2-3 MILS DFT.

4. ALL COATS SHALL BE CONTRASTING COLORS, TOP COAT SHALL BE WHITE.

TRATION COATING: PROVIDE SLIP RESISTANT SURFACE COATING ALONG TOP OF TANK AS SHOWN. SLIP RESISTANT
COATING TO CONSIST OF ALUMINUM OXIDE AGGREGATE (59 MESH SIZE) MIXED WITH DEVITHANE 369 TOP COAT AT
RATE OF 1 POUND OF AGGREGATE PER GALLON OF COATING. APPLY ONE COAT OF MIXTURE BY ROLLER WITHIN 48
HOURS OF FINAL TOP COAT APPLICATION. COLOR SAME AS TOP COAT.

FITTING SCHEDULE

<table>
<thead>
<tr>
<th>NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3&quot; FNPT CAST STEEL TANK FLANGE - VENT</td>
</tr>
<tr>
<td>2</td>
<td>6&quot; FLANGED EMERGENCY VENT ADAPTER - E-VENT</td>
</tr>
<tr>
<td>3</td>
<td>1 1/2&quot; FLANGED EMERGENCY VENT ADAPTER - E-VENT</td>
</tr>
<tr>
<td>4</td>
<td>1 1/2&quot; FNPT FIREFIGHT COUPLING - PUMP</td>
</tr>
<tr>
<td>5</td>
<td>24&quot; BOLTED MANWAY WITH GASKET/LID/NUTS AND BOLTS</td>
</tr>
<tr>
<td>6</td>
<td>3&quot; 150# RAISED FACE FLANGE - FLOAT SWITCH</td>
</tr>
<tr>
<td>7</td>
<td>2&quot; FNPT FIREFIGHT COUPLING - WATER DRAIN</td>
</tr>
<tr>
<td>8</td>
<td>2&quot; FNPT CAST STEEL TANK FLANGE - GAUGE HATCH</td>
</tr>
<tr>
<td>9</td>
<td>1 1/2&quot; FNPT FIREFIGHT COUPLING - SH PUMP</td>
</tr>
<tr>
<td>10</td>
<td>1 1/2&quot; FNPT FIREFIGHT COUPLING - FI LAY</td>
</tr>
<tr>
<td>11</td>
<td>2&quot; FNPT CAST STEEL TANK FLANGE FOR INSULATION FILL</td>
</tr>
<tr>
<td>12</td>
<td>1 1/2&quot; FNPT COUPLING WITH PPF - SECONDARY MONITOR</td>
</tr>
</tbody>
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5,000 Gallon UL-2085
FIREFIGHT, Dual Product, Skid Mounted
Aboveground Storage Tank
Mascot Equipment

5,000 Gallon UL-2085
FIREFIGHT, Dual Product, Skid Mounted
Aboveground Storage Tank
Mascot Equipment

DRAWN: J.LOERTE
DATE: 7/28/2015
CHECKED: -
REVISED: -
SCALE: NPS
SHEET NO. 1
REV. OF 5/0
**Light Pole Inside Skid View**

- Ø1 1/8" TYP. Drilled.
- 1/8" GUSSET PLATE
- 1/2" STIFFENER PLATE
- 1/2" THICK X 8" WIDE END PLATE.
- 1/2" LIGHT POLE MOUNTING PLATE

**Light Pole Outside Skid View**

- 1/2" LIGHT POLE MOUNTING BASE
- 1/2" PLATE WEB STIFFENER, CUT TO FIT, TYP S PER TANK.

**Base Plate Top View / End of Skid**

- 1/2" LIGHT POLE MOUNTING PLATE
- 1/2" Threaded hole (2) for bolting on 2" long unistrut
- GUSSET PLATE
- 1/2" STIFFENER PLATE

**Channel Brace Connection**

- W8x35# SKID BEAM
- C6x13# Brace

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**5,000 Gallon UL-2085**

FIREGUARD: Dual Product, Skid Mounted Aboveground Storage Tank

Mascott Equipment

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These drawing represent a proprietary design of Creer Steel Inc. and may not be used for source design or procurement purposes by other than Creer Steel Inc.

DRAWN: LORENZ
DATE: 7/28/2015
CHECKED: ~
REVISED: ~

FOR NO: ~
MANUFACTURER: ~
REVISION: ~
DRAWN BY: ~
DATE: ~
SCALE: NTS
REV: ~

Sheet No: 6 of 6 REV 0
**LADDER STAND OFF**

- 4" Dia x 1/2" REINFORCING PLATE SEAL WELDED TO TANK.
- REINFORCING PLATE

**STRUT STAND OFF**

- 4" Dia x 1/2" REINFORCING PLATE SEAL WELDED TO TANK.
- 1/2" HOLE IN CENTER OF END PLATE.
- 2" X 2" X 1/2" ANGLE 2" LONG

**TYP WATER DRAW**

- 1" MALE CAMLOCK W/ CAP
- OUTER SHELL
- INNER SHELL
- 2" FIREGUARD COUPLING
- INSERT 1" SCH 80 Pipe THROUGH FEMALE THREADS OF BUSHING AND FILLET WELD PIPE TO BUSHING.
- 2" X 1/2" FORGED STEEL Threaded Bushing.
- INSULATION
- EXTEND 1" PIPE TO WITHIN 1" OF TANK BOTTOM.

**GAUGE FLOAT STILLING WELL**

- OUTER SHELL
- 2" FIREGUARD COUPLINGS
- INSULATION
- SLIP JOINT FOR EXPANSION
- 1/2" WIDE X 6" LONG SLOT ONE SIDE, FACE SLOT AWAY FROM TANK HEAD.
- 3" SCH 40 STEEL PIPE, CENTER UNDER BUNG, INSTALL PLUMB - WELD TO TANK SHELL TOP ONLY.
- 4" SCH 40 STEEL PIPE 8" LONG, CENTERED UNDER BUNG, SKIP WELD TO TANK SHELL BOTTOM ONLY.
- 1/2" WIDE X 6" LONG SLOT ONE SIDE, FACE SLOT AWAY FROM TANK HEAD.
- INSULATION
- OUTER SHELL
- INNER SHELL
WALKWAY DECK TO BE 1/4" X 1/2" SMOOTH TOP GALVANIZED BAR GRATINGS.

REMOVABLE HANDRAIL.

KNEE SPACE

TYP 4 PLACES

6" 52" 52" 131/8"

151/4"

48"

32"

11"

831/2"

1671/2"

831/2"

42" top of Grating to top of Handrail

1 1/4" X 1 1/2" X 1 1/2" TS HANDRAIL, TYP.

1 1/4" X 1 1/2" SMOOTH TOP GALVANIZED BAR GRATING FOR BEDING

21"

21"

2" X 2" X 1/2" TS 6' LONG FOR HANDRAIL POCKET USE 1" X 1/2"

STRAP ON BOTTOM OF POCKET TO HOLD RAIL AND ALLOW WATER TO DRAIN.

LADDER STAND OFF

SEE DETAIL PAGES 4
NOTES:
Walkway grating, handrail, and ladder to be hot dipped galvanized after fabrication.

WALKWAY DECK TO BE 1 1/2" x 1/8" SMOOTH TOPE GALVANIZED BAR GRATING.

WALKWAY PLAN VIEW