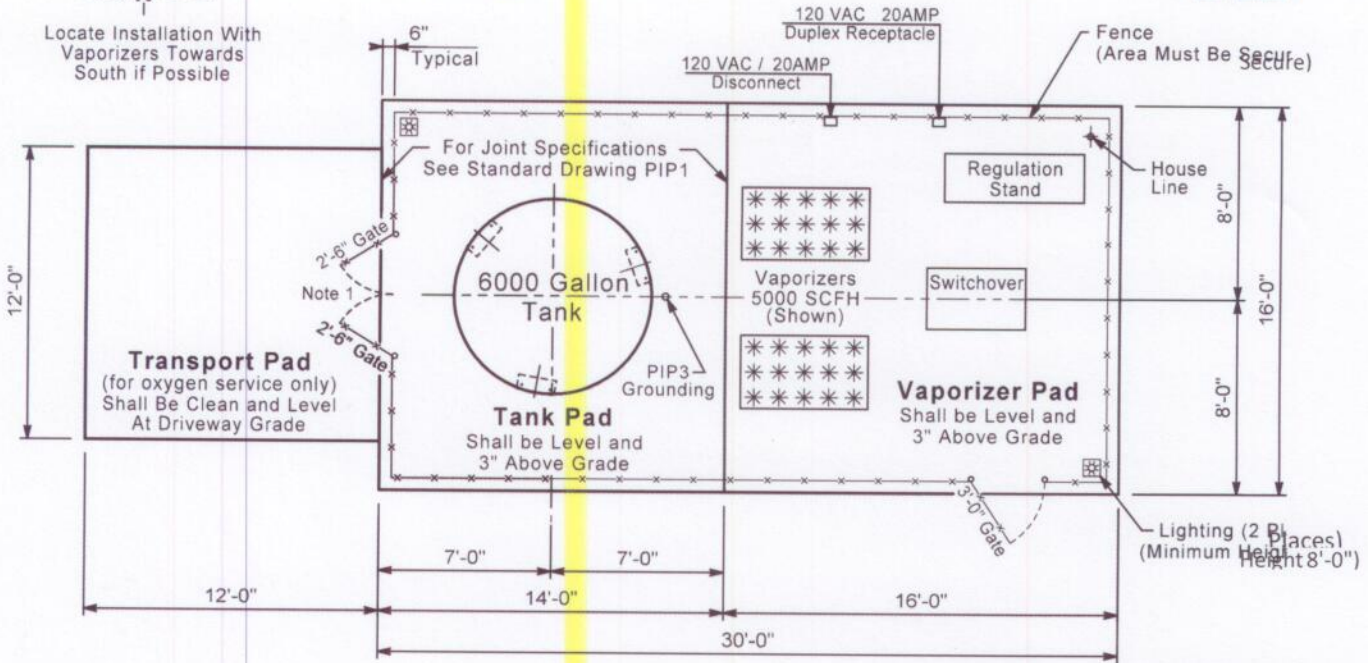


N₂



Locate Installation With Vaporizers Towards South if Possible



Airgas

Note 1

Rolling Or Sliding Gate May Be Preferred.

5'-0" Opening Recommended.

Location of Gate, Transport Pad and Orientation of Equipment to Suit Site.

Airgas

Tank Pad: 16'-0" x 14'-0" x 16" thick
 Bottom: 15-#6x15'-6" at 1 1/4" Long Way
 17-#6x13'-6" at 1 1/2" Short way
 Top: None

Vaporizer Pad: 16'-0" x 16'-0" x 8" thick Compacted
 Bottom: #5 at 12" On Center Both Ways
 Top: None

Transport Pad 12'-0" x 16'-0" x 6" Thick

Pad Specifications

Concrete. 4000 PSI @ 28 Days. Reinforc
 ASTM A615 Grade 60
 Soil Bearing Capacity: 2000 P SF (minimum)
 Grounding Per N.F.P.A. 70,
 N.E.C. Article 501 & Dwg. PIP3
 Pad Dimensions and Reinforcing =

- (4) Hilti HIT-HY 200 Anchors per Leg
- EIP2 - Chemical Anchor Installation Detail
- EIP3 - Tank Anchoring Procedure
- EIP4 - Vaporizer Anchoring Procedure

Work This Drawing With 2015 Versions of:

- PIPI - Pad Installation Procedure
- PIP 2 - Standard Bollard Detail
- PIP 3 - Grounding Specifications

Reference

Dimension

6000 Gallon ○
 Cryogenic Tank E Vaporizer

Depending upon exposure, this installation meets the standards set in National Fire Protection Association booklet #55 and O.S.H.A. regulation 1910.104.

Pad Design Parameters: (Based Upon The International Building Code - 2012)
 ASCE7-05 Wind Parameters ASCE7-10 Wind Parameters
 Basic Wind Speed: 120mph Ultimate Wind Speed: 150mph
 Exposure: D Exposure: D

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ASCE 7-10 Seismic Parameters

0.2 Sec. S.R.A.: 30%g

Soil Type: D

For Tank and Vaporizer Anchoring Specifications See Drawings EIP2, EIP3 and EIP4

For Pad Installation Procedure See Drawing PIP1

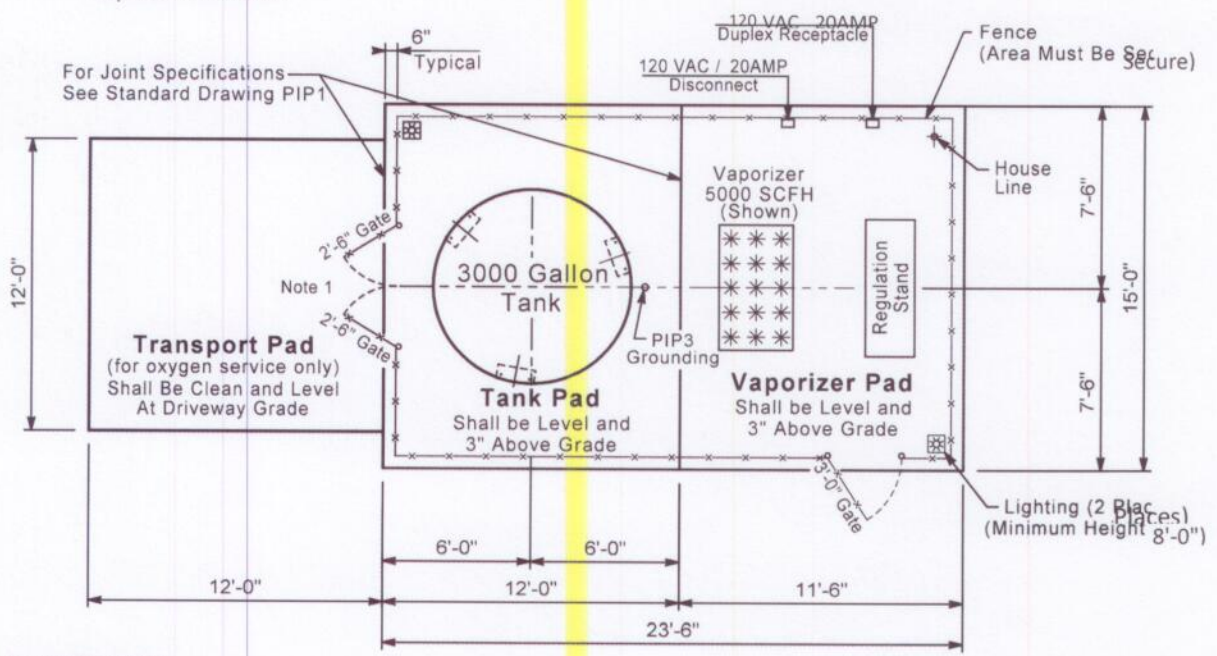
6'-0" Chain Link Fence w/ 3 Strands of Barbed Wire

O₂



Airgas

Locate Installation With Vaporizers Towards



South if Possible
Note 1

Rolling Or Sliding Gate May Be Preferred
5'-0" Opening Recommended.

Location of Gate, Transport Pad and Orientation of Equipment to Suit Site.

Pad Specifications

- Concrete: 4000 PSI @ 28 Days.
- Reinforcing: ASTM A615 Grade 80
- Soil Bearing Capacity: 2000 PSF (minimum)
- Grounding*: Per N.F.P.A. 70, N.E.C. Article 501 & Dwg. PIP3

Pad Dimensions and Reinforcing:

- Tank Pad: 15'-0" x 12'-0" x 12" thick
- Bottom: 13-#5x14'-6" at 1 1/2" Long Way
- 16-#5x1 1'-6" at 1 1/2" Short way Top: None
- Vaporizer Pad: 15'-0" x 11'-6" x 8" thick
- Bottom: #5 at 12" On Center Both Ways
- Top: None
- Transport Pad: 12'-0" x 12'-0" x 6" thick
- #4 at 12" On Center Both Ways

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