



Side View

Specifications:

- Exterior Dimensions = 11'-8 1/2" Wide x 17'-2 1/2" Long x 19'-0" Height.
- Interior Dimensions = 10'-6" Wide x 16'-0" Long x 10'-6" Height. (168 Sq. Ft.)
- Weight Top = 56,000 lbs. With Collar
- Weight Base = 49,000 lbs.

Typical Equipment List:

- Load Center/Distribution Panel (120/240V, Single Phase, 30 Branch Circuits, 200A).
- Secondary Surge Suppressor
- Microprocessor Controls with Gas Monitoring
- (2) Three-Ton Air Conditioner (Redundant)
- Alarm System Including Smoke, Intrusion, Hi/Lo Temperature, Power Fail and HVAC Fail With an Alarm Terminal Block for Connection to Central Office.
- Photoelectric Type Smoke Detector with Audible Alarm.
- (4) Double Tube, 4 foot Fluorescent Light Fixtures with Energy Saving Ballasts and 40-watt Lamps.
- (2) Duplex GFI Convenience Outlets. (15A/125V) Located on Both Interior End Walls.
- Metal Hatch With Intrusion Alarm.
- Emergency Light
- Sump Pump (Automatic)
- Dehumidifier
- Fire Extinguisher (Halotron)

Optional Equipment List:

- DC Fan
- DC Lighting
- UL Label
- Interior Heat (5kw Heat Strip)

Design Code/Materials:

- ACI 318-11 Building Code
- ASTM C-857 (Min. Structural Design Loading For Underground Precast Concrete Utility Structures)
- 2013 National Electrical Code
- Concrete: F'C = 7,000 PSI @ 28 Days
- Rebar: ASTM A-615 Grade 60
- Mesh: ASTM A-1064 Grade 65

Design Loads:

Soil:

- 65 PCF Lateral Soil Pressure Above Water Table
- 90 PCF Lateral Soil Pressure Below Water Table
- 120 PCF Soil Density

Soil Cover: 3'-8"

Water Table: 5'-0" Below Grade

Loads:

- HS20-44 W/ 30% Impact Per AASHTO
- 80 PCF Lateral Live Load Surcharge