

## Admiral-SS Power Pedestal



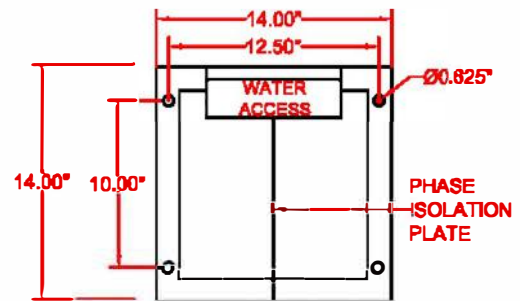
### Dimensions

Height: 50.55" (1283.97 mm)  
Width: 14.00" (355.60 mm)  
Depth: 14.00" (355.60 mm)

Approximate  
Weight: 115 lbs. (52.2 kg)

**Multiply base dimensions by 25.4  
for millimeters**

## Admiral-SS Base Diagram



**A PHASE ISOLATION PLATE SHALL BE INCLUDED FOR ALL PEDESTALS CONTAINING TWO WIRE FEEDS OF DIFFERING VOLTAGES. NO ISOLATION PLATE IS INCLUDED FOR SINGLE FEED PEDESTALS.**

## General Specifications for Admiral-SS Power Pedestals

### All Power Pedestals Must Meet the Following:

#### Part I. General:

##### 1.1 General Requirements:

- A. Shall be tested and certified to be in compliance with ANSI/UL 231 entitled "power outlets."
- B. If a laboratory other than U.L. is used that laboratory must certify, in writing, that the power outlet has been tested and meets all of the requirements of ANSI/UL 231, **including 746C polymeric materials, and that the unit will pass the 94VO-5V flame test.**
- C. Shall be certified to meet all sections of NFPA 303 DTD "2011 Marinas and Boatyards."
- D. Shall meet 406.8 (B)(2)(a) of the national electric code NFPA 70, i.e. "A receptacle installed in a wet location shall be installed in a weatherproof enclosure, the integrity of which is not affected when the attachment plug cap is inserted."

#### Part II. Products:

##### 2.1 Power Pedestal / Distribution Equipment:

- A. Dock Boxes Unlimited, Inc.  
1-800-559-4269  
www.dockboxes.com

##### 2.2 Power Pedestal - General Specification

- A. Main Housing:
  - a. The housing shall be constructed of 16 gauge, 316L low carbon stainless steel and shall be coated with UV-resistant polyurethane resin over a powder coating. It shall be UL listed as a type 3R weatherproof enclosure.



**B. Lighting Assembly / Housing:**

- a. The lighting top housing shall be constructed of 316L low carbon stainless steel and shall be coated with UV-resistant polyurethane resin over a powder coating. It shall be UL listed as a type 3R weatherproof enclosure.
- b. STANDARD - Each pedestal shall be equipped with a non-metered light. The lighting assembly shall include two 14-watt compact fluorescent lights, that is controlled by an electromechanical photocell and protected by a 20 amp, single pole breaker.
- c. OPTION - Each pedestal shall be equipped with a non-metered LED light, that is controlled by an electromechanical photocell and protected by a 20 amp, single pole breaker.

**C. Wiring:**

- a. The power pedestal shall be completely pre-wired at the factory to the load side of the compression lug assembly.
- b. All load copper wiring shall be of high stranding and tin plated to resist corrosion.
- c. The maximum size of the line wiring shall be 350 MCM direct feed or #4/0 loop feed.

**D. Loop Feed Buss Bar System:**

- a. UNITS REQUIRING WIRE FEEDS OF DIFFERING VOLTAGES - Pedestals requiring two wire feeds of differing voltages shall be equipped with a phase isolation plate. Two separate access areas shall be provided with individual access panels separated internally by a phase isolation plate.
- b. STANDARD - 250 Amp Bus Bar - The bus system shall be of stud compression terminal type using a 3/8" - silicon-bronze stud with a silicon-bronze Belleville type washer. The 3/8" - silicon-bronze hex-nut shall be torqued to 150 inch-pounds with a maximum amperage rating of 250 amps.
- c. OPTION - Single and double barrel mechanical buss bars - rated for copper or aluminum - are also available in sizes ranging from #8 to 500MCM.

**E. Grounding:**

- a. All exposed metallic parts must have an integral ground that is a part of the equipment grounding system.

**F. Receptacles:**

- a. All receptacles shall be mounted behind a lockable weatherproof, hinged door that is under tension to ensure proper closing pressure when the receptacle is or is not in use.
- b. All receptacles shall be mounted at least 24" above the dock.
- c. All receptacles under 60 amps shall be of the corrosion resistant type conforming to NEMA L-5 and/or NEMA L-6 requirements and are rated for marine use.
- d. All receptacles over 60 Amp receptacles shall conform to IEC and CEE standards.
- e. 20 Amp, 110 Volt, straight blade receptacles shall be GFI protected.
- f. 20 Amp, 125 Volt, twist-lock receptacles shall be 2 pole, 3 wire (NEMA L5-20).
- g. 30 Amp, 125 Volt, twist-lock receptacles shall be 2 pole, 3 wire (NEMA L5-30).
- h. 50 Amp, 125 Volt, twist-lock receptacles shall be 2 pole, 3 wire (NEMA SS-1).
- i. 50 Amp, 125/250 Volt, twist-lock receptacles shall be 3 pole, 4 wire (NEMA SS-2).



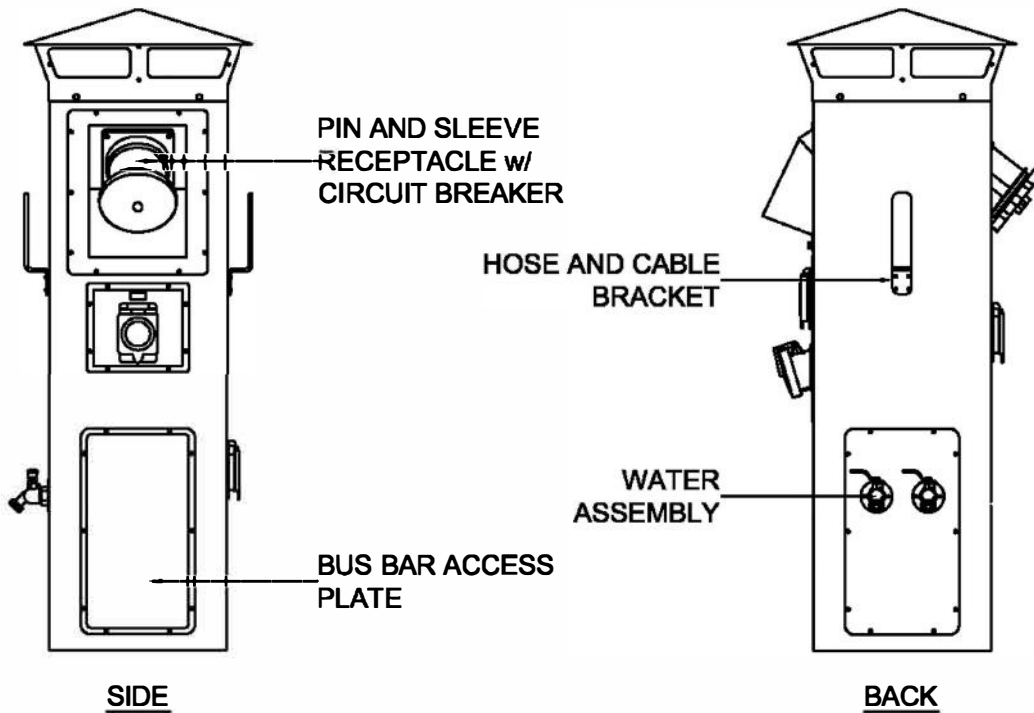
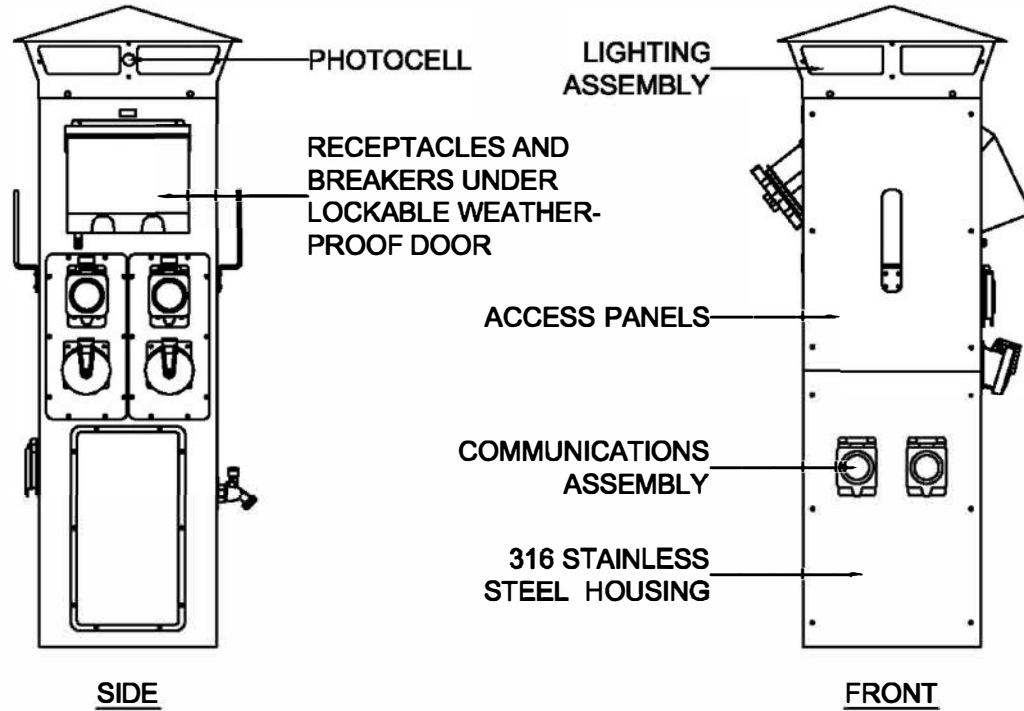
- j. 100 Amp, 125/250 Volt, pin-and-sleeve receptacles shall be 3 pole, 4 wire.
  - k. 100 Amp, 120/208 Volt, pin-and-sleeve receptacles shall be 4 pole, 5 wire.
  - l. 100 Amp, 480 Volt, pin-and-sleeve receptacles shall be 3 pole, 4 wire.
  - m. 100 Amp, 277/480 Volt, pin-and-sleeve receptacles shall be 4 pole, 5 wire.
  - n. 200 Amp, 480 Volt, pin-and-sleeve receptacles shall be 3 pole, 4 wire.
- G. Circuit Breakers:**
- a. All breakers for receptacles shall be of the thermal magnetic type, 10,000 A.I.C., and shall be UL listed.
  - b. Circuit breakers shall be located under lockable, weatherproof door.
  - c. Circuit breakers for the 20 Amp, 110 Volt, straight blade receptacles and the 20 Amp, 125 Volt, twist-lock receptacles shall be single pole, 20 Amp.
  - d. Circuit Breakers for the 30 Amp, 125 Volt, twist-lock receptacles shall be single pole, 30 Amp.
  - e. Circuit Breakers for the 50 Amp, 125 Volt, twist-lock receptacles shall be single pole, 50 Amp.
  - f. Circuit breakers for the 50 Amp, 125/250 Volt, twist-lock receptacles shall be two pole, 50 Amp.
  - g. Circuit breakers for the 100 Amp, 125/250 Volt, pin-and-sleeve receptacles shall be two pole, 100 Amp.
  - h. Circuit breakers for the 100 Amp, 120/208 Volt, pin-and-sleeve receptacles shall be three pole, 100 Amp.
  - i. Circuit breakers for the 100 Amp, 480 Volt, pin-and-sleeve receptacles shall be three pole, 100 Amp.
  - j. Circuit breakers for the 100 Amp, 277/480 Volt, pin-and-sleeve receptacles shall be three pole, 100 Amp.
  - k. Circuit breakers for the 200 Amp, 480 Volt, pin-and-sleeve receptacles shall be three pole, 200 Amp.
- H. Hose/Cable Bracket:**
- a. Each pedestal shall have aluminum brackets capable of holding a 50' length of 5/8" water hose or 50' of 50 Amp, four-conductor boat S.O. cord.
- I. Metering (Optional):**
- a. 120 Amp Meter - The pedestals shall be equipped with fully electronic meters that display the kilowatts used at each slip on a non-resettable digital counter that is protected from the weather. The accuracy of the meters must be certified by the manufacturer to have a 120 ampere rating and no more than a 2% error when tested in accordance with ANSI-C12.1.(California requires 1%).
  - b. 200 Amp Meter - The pedestals shall be equipped with fully electronic meters that display the kilowatts used at each slip on a non-resettable digital counter that is protected from the weather. The accuracy of the meters must be certified by the manufacturer to have a 200 ampere rating and no more than a 2% error when tested in accordance with ANSI-C12.1.(California requires 1%).



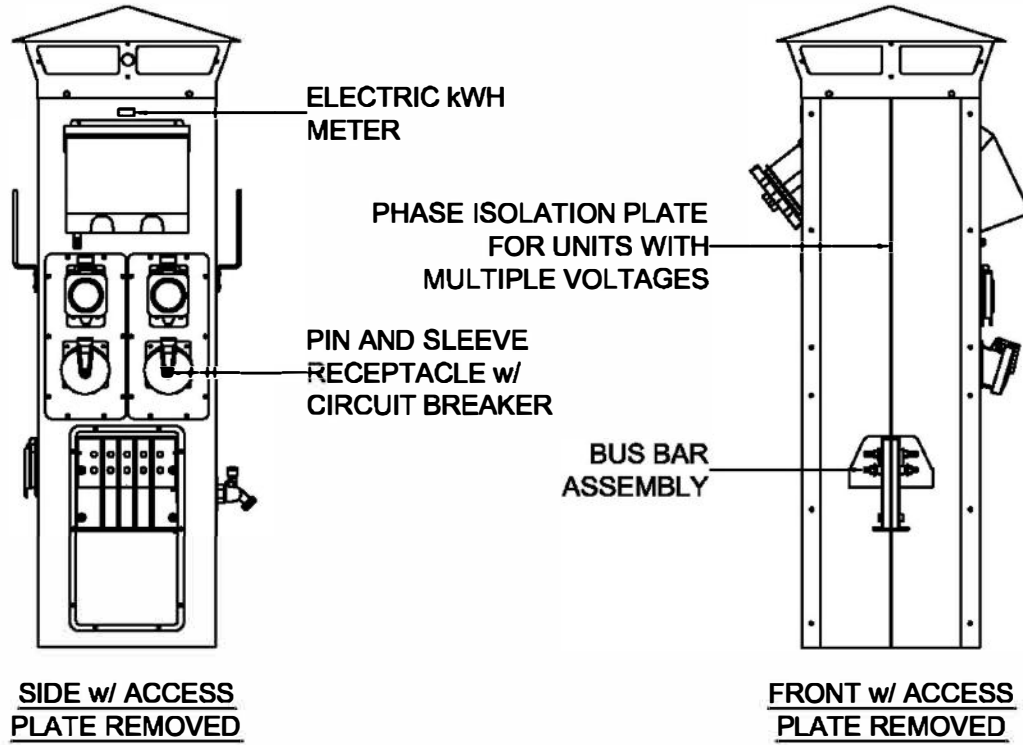
- 
- J. Communications (Optional):
- a. Each pedestal shall be equipped with two outlets for each slip. Each outlet shall contain a combination of RJ45 (internet) receptacles, RJ11 (telephone) receptacles, or male coax (cable TV) connectors under an injection-molded heavy resin, weather protective cover.
  - b. Each communication assembly shall include an internal isolation box for the separation of high and low voltage equipment.
- K. Water:
- a. Each pedestal shall be equipped with one or two 3/4" ball valves with each having a separate 3/4" female NPT fitting.
  - b. The water assembly shall have an isolation box, which separates the water connections from the electrical access area.
- L. Power Pedestals for A.D.A. Slips (Designated as Handicap Accessible):
- a. Power pedestals installed on designated handicap accessible slips shall comply with the guidelines of the Americans With Disabilities Act of 1990.

(END OF SECTION)

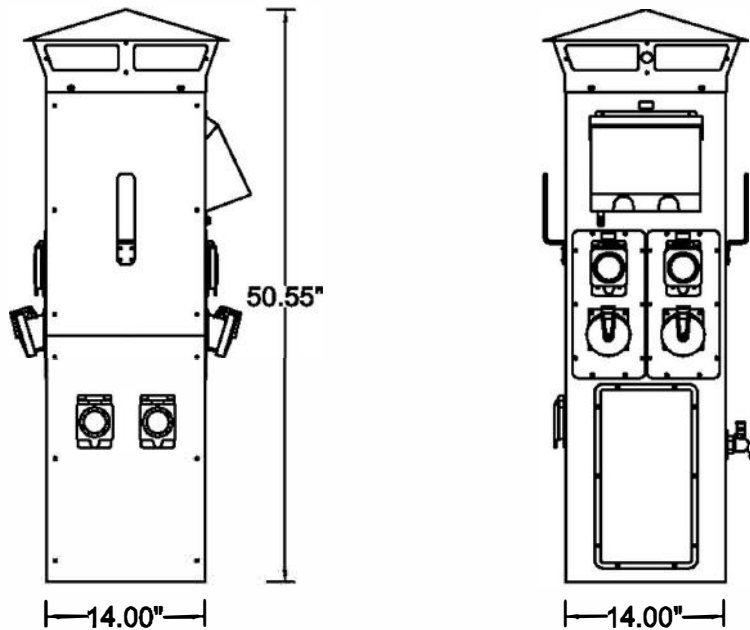
**Product Features**



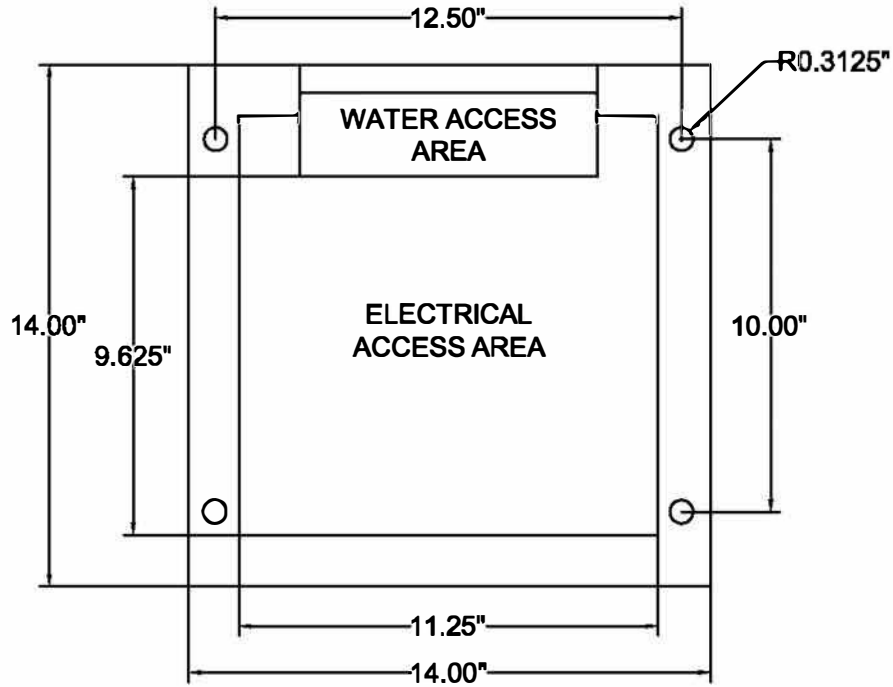
## Product Features (cont.)



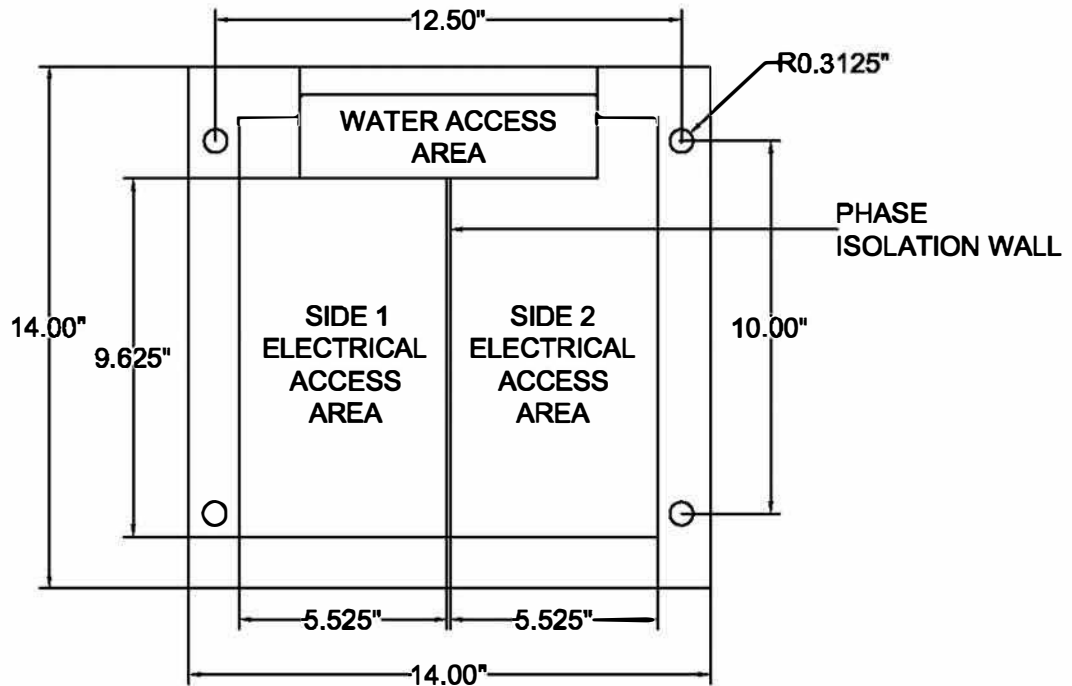
## Dimensions



**Base Dimensions - Single Feed**



**Base Dimensions - Double Feed**





**Wiring Diagram - Stud Lug Bus Bar**

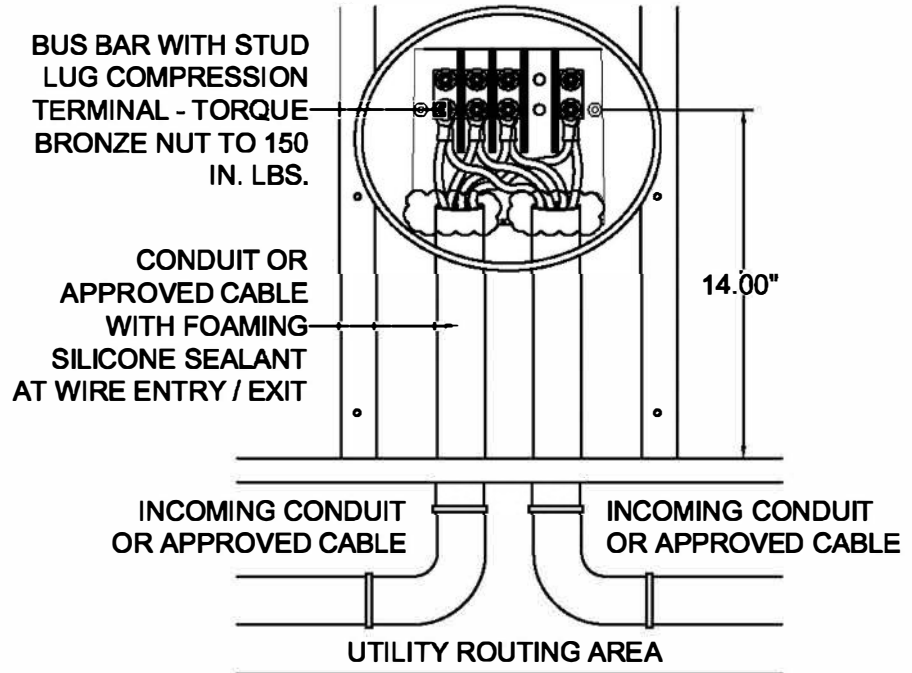
Wire Colors Per NEC

|         |    |       |
|---------|----|-------|
| Line 1  | L1 | Black |
| Neutral | N  | White |
| Line 2  | L2 | Red   |
| Line 3  | L3 | Blue  |
| Ground  | G  | Green |



**Compression Terminals (Not Included)**

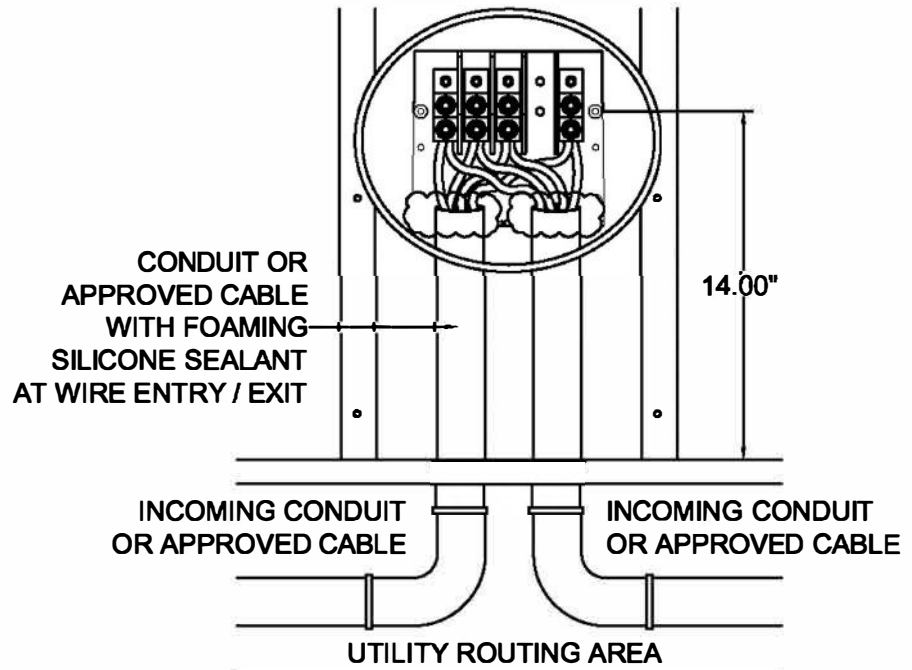
Contractor needs to terminals to line wires and place on provided stud lug connector.



**Wiring Diagram - Aluminum Mechanical Bus Bar**

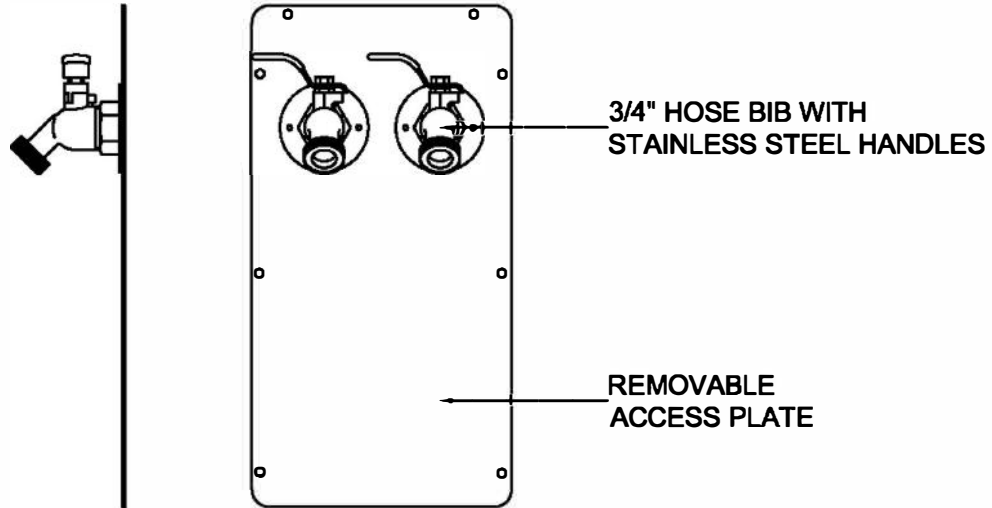
Wire Colors Per NEC

|         |    |       |
|---------|----|-------|
| Line 1  | L1 | Black |
| Neutral | N  | White |
| Line 2  | L2 | Red   |
| Line 3  | L3 | Blue  |
| Ground  | G  | Green |





**Water Assembly**



**Communications**

COMMUNICATION ASSEMBLIES INCLUDE ISOLATION BOXES FOR INTERNAL CONNECTIONS

CONNECTIONS AVAILABLE:

- MARINE TWIST-LOCK TELEPHONE
- RJ-12 CAT3 TELEPHONE JACK (HOUSEHOLD PHONE)
- RJ-45 CAT5 HIGH-SPEED INTERNET JACK
- COAX CABLE TV FCF FEMALE CONNECTION
- OTHER CONNECTIONS AVAILABLE UPON REQUEST

