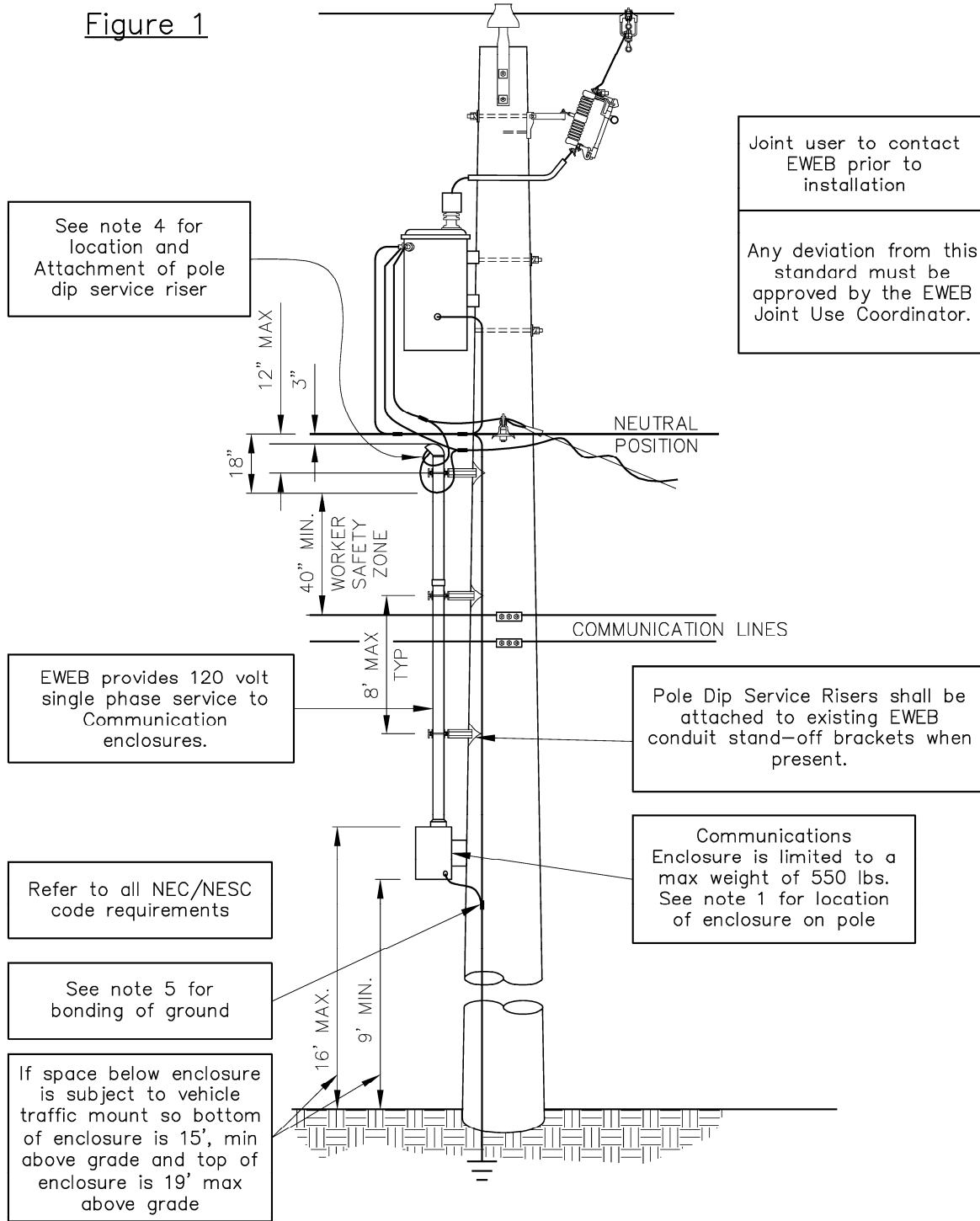


Pole Mounting of Communications Enclosures and Pole Dip Service Riser on EWEB Owned Poles

Figure 1



DISTRIBUTION CUSTOMER RESPONSIBILITIES STANDARD
EUGENE WATER & ELECTRIC BOARD - EUGENE, OREGON

**POLE ATTACHMENT REQUIREMENTS FOR ENCLOSURES AND POLE DIP SERVICE
RISER FOR TELECOMMUNICATIONS / JOINT USERS**

Approved Aug 1, 2019

EC4-A.0800

**REV
2**

Page 1 of 3

1.0 LOCATION OF ENCLOSURES ON POLE

- 1.1 Enclosures to be mounted on a EWEB pole **SHALL** follow requirements listed below: (Refer to Figure 1 of Standard EC4-A.0800, page 1 of 4 for diagram).
- 1.2 Mount under the transformer or other Electric supply device.
- 1.3 If no Electric supply device exists, mount enclosures in line with the overhead primary conductors and under the primary crossarm. In the absence of a crossarm, mount enclosure under the primary conductor, on the gain side of the pole.
- 1.4 No closer than 3 inches from the surface of the pole.
- 1.5 Joint user shall supply an additional 3 feet of conductor out of weatherhead for EWEB to make final connection.
- 1.6 Enclosures mounted on poles must allow a minimum of a ¼ of a pole for “Climbing Space” (Refer to EWEB Standard EC4-0.3800 for EWEB’s Climbing Space Reference).

2.0 CRITERIA FOR SELECTION OF POLES

- 2.1 **ENCLOSURES SHALL BE MOUNTED ON CLEAN TANGENT POLES WHEN POSSIBLE.**
- 2.2 Enclosures **SHALL NOT be** installed on EWEB poles in the following conditions:
 - 2.2a Deadend or Double Deadend corner poles with or without anchors.
 - 2.2b Poles that have a three- buck (Primary lines extending in three directions).
 - 2.2c Poles with switch handles that extend below the Communications zone.
 - 2.2d Poles that have existing equipment boxes such as control boxes for EWEB equipment, and other type of power supply.

**Exception maybe granted upon request and EWEB review of a pole dip pole on a case by case basis.

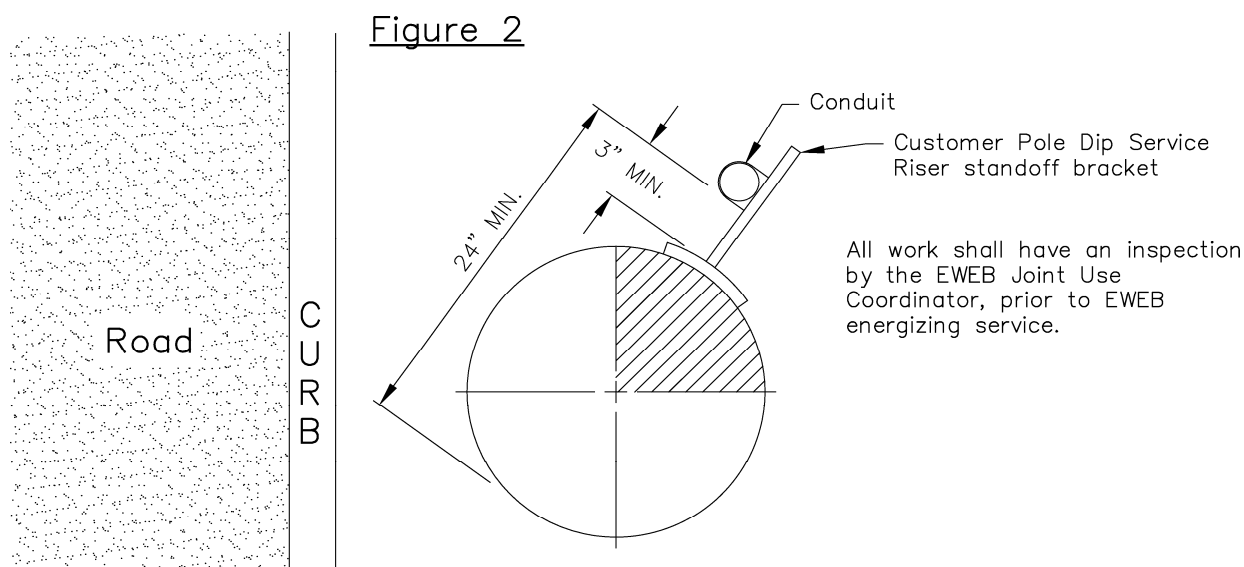
3.0 IDENTIFICATION OF COMMUNICATION ENCLOSURES

- 3.1 Joint users contacting pole **SHALL** install and maintain non-corrosive durable tags, suitable for outdoor use and resistant to ultraviolet radiation at each pole to identify the same of the owner and a 24-hour emergency telephone number.

4.0 LOCATION AND ATTACHMENT OF POLE DIP SERVICE RISER

- 4.1 Pole Dip Service Risers that require electrical service supplied by EWEB **SHALL** extend a service riser as follows: (Refer to Figure 2).

- 4.2 Communication applicant shall be responsible for installation and maintenance of the conduit risers and associated conductors. Antenna installation and maintenance work performed in the supply space or within 10 feet of a primary conductor shall be done by workers qualified per OSHA 1910.332 to perform the work. All work shall be coordinated through EWEB’s Joint Use Coordinator and Electric Operations. EWEB will require prior notice for Electric Operations work planning and scheduling and a pre-construction meeting per the requirements specified on the EWEB design drawings for the job...
- 4.3 When possible, attach the riser within the “field quad” of the pole.
- 4.4 Pole Dip Risers must allow a minimum of a ¼ of a pole for “Climbing Space” (Refer to EWEB Standard EC4-0.3800 for EWEB Climbing Space Reference).



5.0 BONDING/GROUNDING

- 5.1 Conductive Communication messengers and equipment enclosures **SHALL** be bonded to EWEB pole ground when present. The pole ground **SHALL NOT** be cut or damaged when connecting Joint users utility ground.

6.0 GROUND MOUNTED BOXES & PEDESTALS AT POLE LOCATIONS

- 6.1 Communication Ground Mounted Pedestals and other equipment **SHALL** be located to either the road or field side of the pole. They should not conflict with the future replacement of a pole.
- 6.2 When a Ground Mounted Pedestal must be placed in line with the pole it should be located on the transformer, primary crossarm or other Electric supply equipment side of the pole, with a “minimum” distance from pole of 3 feet.