



## CENTRAL POINT DISTRIBUTION FACILITIES FOR FARM CUSTOMERS

### **GENERAL**

1. Consumers Energy Company will, under the conditions outlined below, install its meter and permit a farm customer to install their service entrance wiring and equipment on the Company-owned pole. The pole should be at a point centrally located to the residence and farm buildings in the immediate area. It may be either an existing pole owned by the Company or a new pole that must be set to provide adequate service to the customer.
2. The pole will be owned and maintained by the Company and will be known as a "Central Point Distribution Pole". It may also support such other customer-owned wires and equipment to adequately provide for their requirements for electricity on their premises. Refer to attached drawings. Contact Company representative if there are any questions.

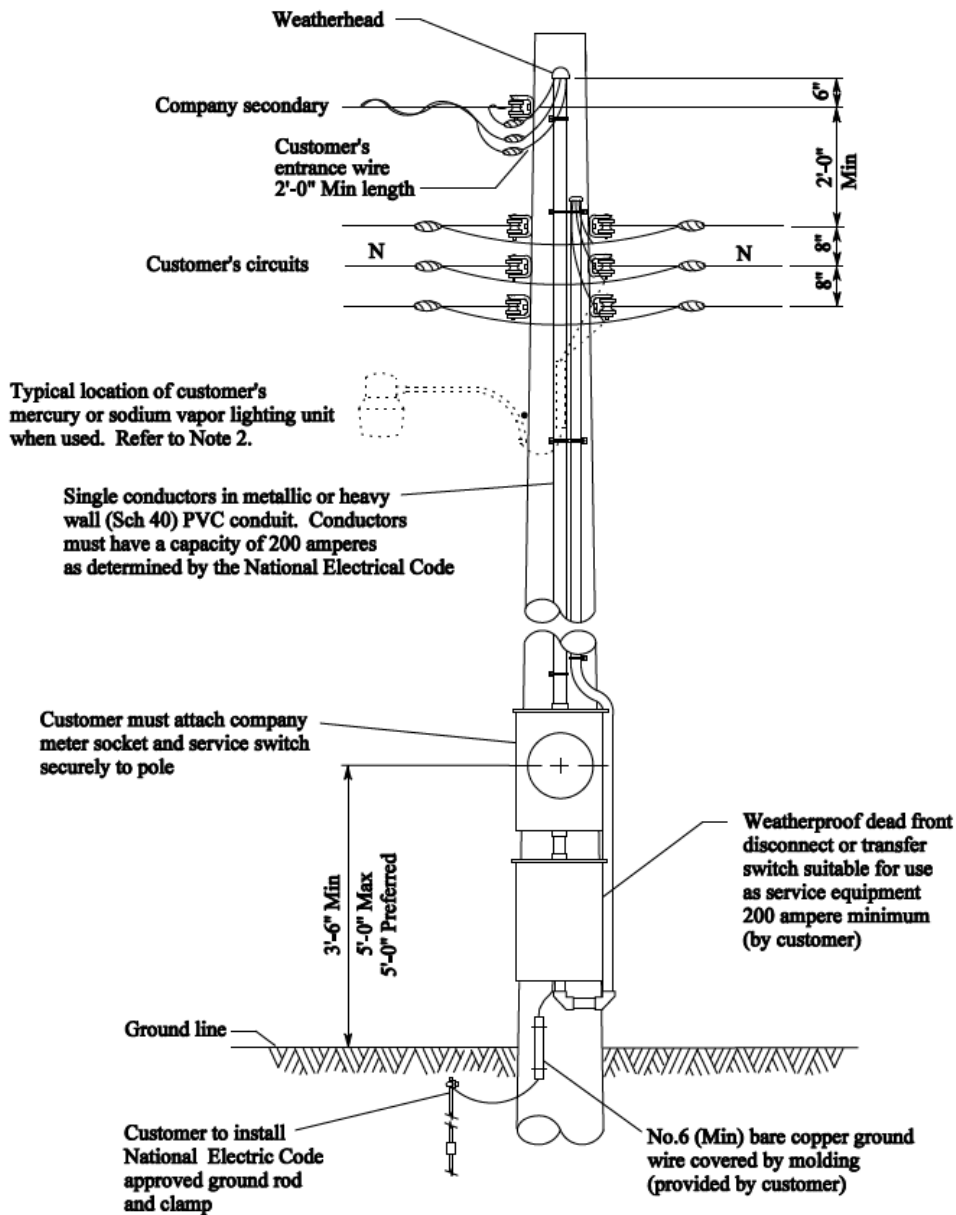
### **AVAILABILITY**

1. Central point distribution facilities are available only to residential farm service customers where a permanent residence exists.
2. An established customer can qualify for central point distribution if their load has increased beyond the capacity of their original service entrance and the customer is willing and ready to rewire for greater capacity.
3. A new customer can qualify for this type of service if their demand (present or future) requires a 3-wire, 120/240 volt service entrance rated 200 amperes or more.

### **REQUIREMENTS**

1. The capacity of the customer's service entrance conductors installed on a Central Point Distribution Pole shall be 200 amperes or more.
2. All material, workmanship and location of equipment on the Central Point Distribution Pole must meet the approval of the Company before final service connections will be made by the Company.
3. Customer's wires shall be installed to meet the minimum clearance requirement specified in Article 230-24(b), "Services", of the National Electrical Code. In general, these are as follows:
  - 10' at the lowest point of the drip loop at the building electrical entrance
  - 10' above ways accessible to pedestrians only
  - 12' above residential property and driveways, and those areas not subject to truck traffic
  - 18' above other land traversed by vehicles, such as cultivated, grazing, forest and orchard
  - Customer's wires are not allowed to cross public roadways per MPSC rules
  - Special requirements exist for electric lines near swimming pools as specified in Articles 680-8 and 680-10 of the National Electrical Code
4. The National Electrical Safety Code requires two-foot clearance where power wires cross over and a four-foot clearance where they cross under telephone wires.
5. Radio, television and CB antennas are not permitted on the Central Point Distribution Pole.
6. No customer's wiring or equipment, other than that shown on drawings, will be permitted on a Central Point Distribution Pole without the approval of the Company.
7. A Facility License Agreement, Form 650, shall be prepared for each Central Point Distribution Pole Installation and shall be signed by the customer before service is rendered.

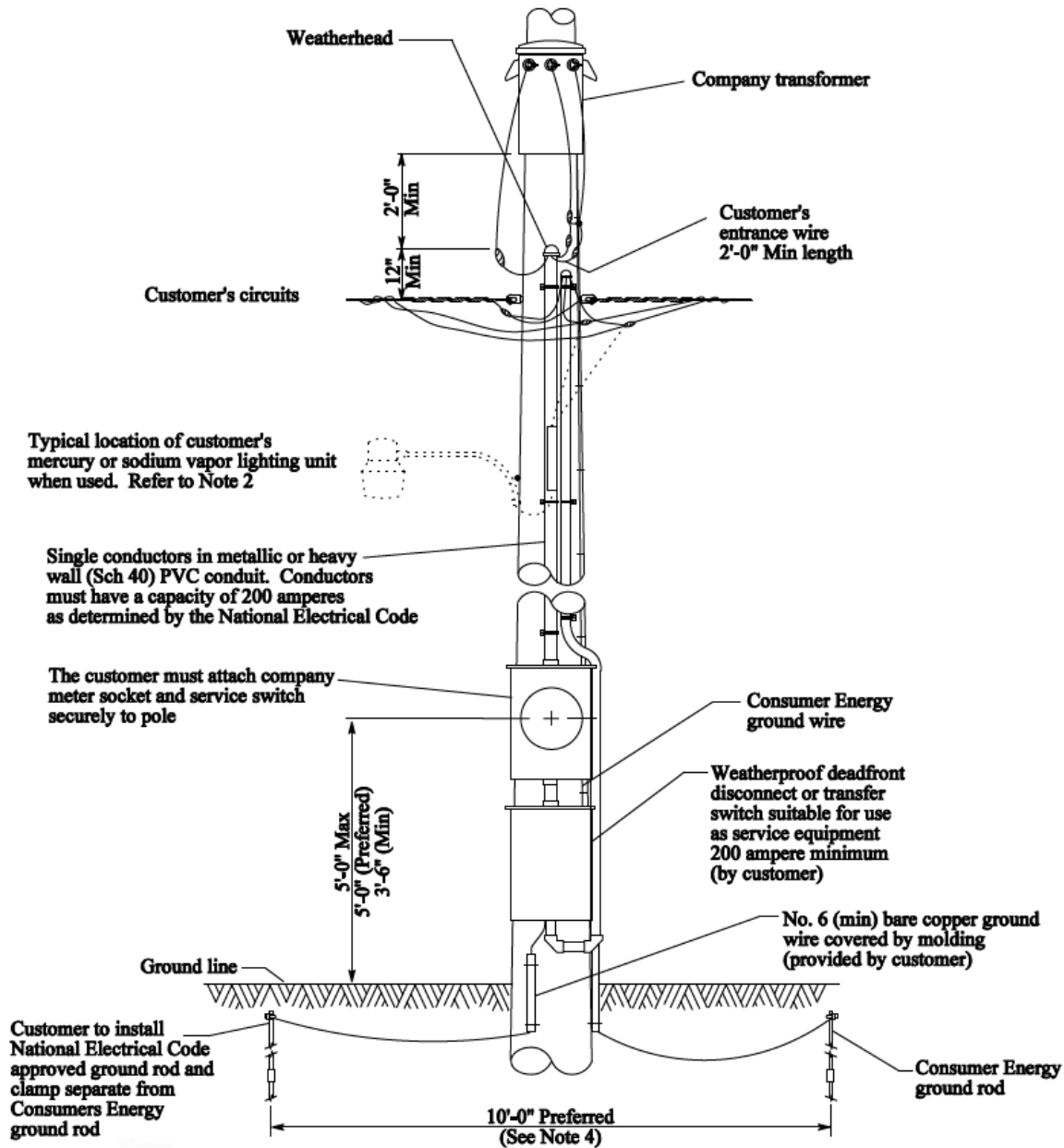
**Fig 8A**  
**Central Point Distribution**  
**Overhead**  
**Pole with Secondary**



Notes:

1. Consumers Energy will furnish and install the pole in a mutually agreeable central location, furnish the meter socket and connect the service when customer installation is complete and approved. The customer must furnish all other wiring and equipment and install it with the meter socket.
2. Customer's lighting unit may be installed above customer's wiring provided the top of the fixture is a minimum of 2'-0" below Consumers Energy's secondary attached to pole.
3. **Central point distribution facilities are available only to residential farm service customers where a permanent residence exists.** Complete customer requirements are provided on Form 648, "Central Point Distribution Facilities for Farm Customers".

**Fig 8B  
Central Point Distribution  
Overhead  
Pole with Transformer**



Notes:

1. Consumers Energy will furnish and install the pole, transformer and lighting arrester ground in a mutually agreeable central location, furnish the meter socket and connect the service when customer installation is complete and approved. The customer must furnish all other wiring and equipment and install it with the meter socket.
2. Customer's lighting unit may be installed above customer's wiring provided the top of the fixture is a minimum of 3'-0" below any Consumers Energy equipment mounted on the pole.
3. **Central point distribution facilities are available only to residential farm service customers where a permanent residence exists.** Complete customer requirements are provided of Form 648, "Central Point Distribution Facilities for Farm Customers".
4. NESC requires a minimum 6'-0" ground rod spacing, 10'0" is preferred.