

9 Manufactured and Mobile Home Service

9.1 Underground Service Information

Refer to section 6 (*Underground Requirements*) and to section 4.2 (*Underground Service*) for requirements that pertain to installation of underground secondary (less than 600 volts) service.

9.2 Underground Service to Manufactured Homes Sockets

Underground service to manufactured homes will be provided under the same requirements as single-family service (see section 7 *Single Family Service*), ***because the home is site specific, occupies a private lot, and has a permanent foundation.*** Keep in mind the meter height and position requirements in section 5.1 (*Meter Clearances and Locations*). When the meter socket is improperly located, the Customer is responsible for all modifications to relocate or locate the meter to Power Company requirements.

9.3 Underground Service to Mobile Homes

For underground service to a mobile home, locate the Customer's service entrance equipment either in an approved pedestal, or mount on a wood post not less than 6" x 6" pressure-treated with an American Wood Preservative Association-approved preservative. The Customer must furnish, install, and maintain the pedestal or wood post. The bottom of the enclosure containing the service equipment should be not less than 24 inches above the finished grade. For a meter subject to physical damage, the Customer must install and maintain barrier posts or other suitable protection approved by the Power Company (see barrier post requirements figure 6-3). Permanently label the meter socket enclosure with the space number.

After approval, the Power Company will provide service to the meter pedestal compartment for permanent mobile home parks. Each mobile home must have a separate pedestal compartment approved by the Power Company for termination of the Power Company's service lateral.

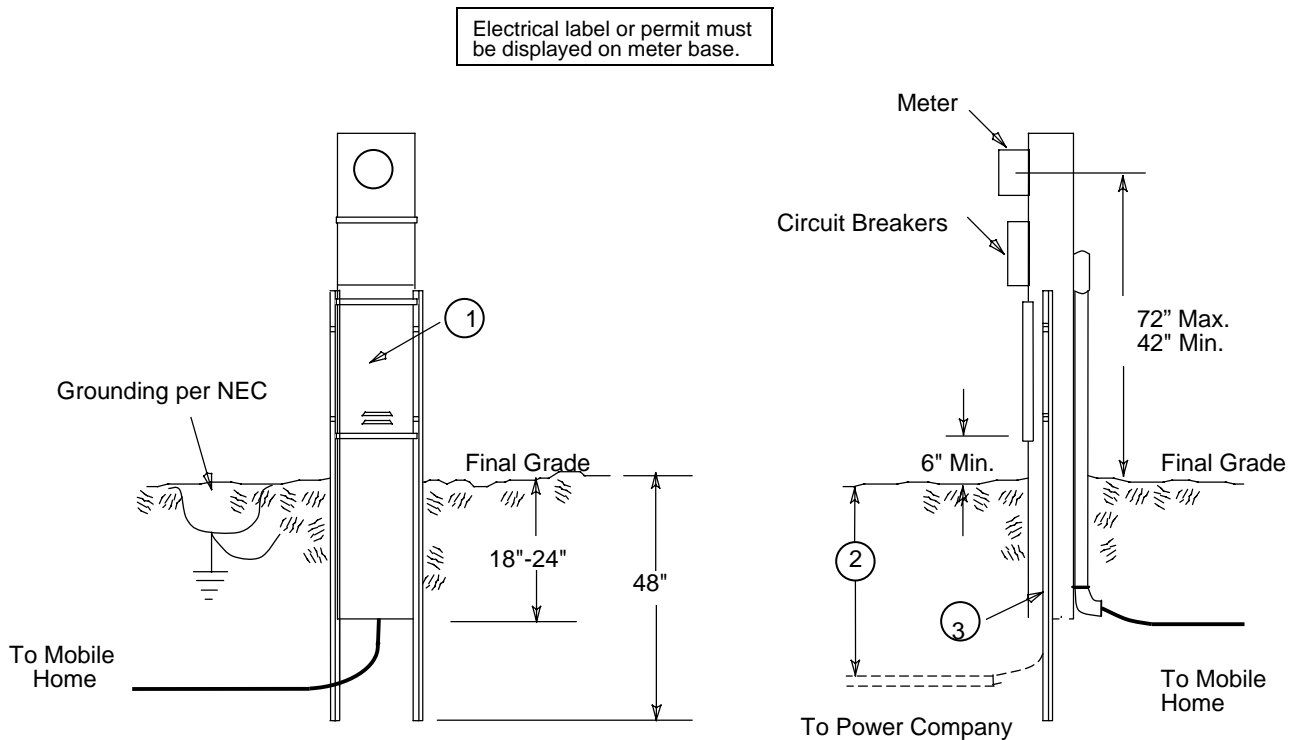
Position Power Company conductor trenches and conduit in mobile home parks away from the pad (never underneath), foundation, or area provided for the manufactured home.

9.4 Installation of Pedestal and Post Meters for Underground Service

Refer to the following figures for underground service meters installed for a mobile home:

- Figure 9-1, *Underground Service for Pedestal Installations*
- Figure 9-2, *Alternative Underground Service for Post-Mounted Installations*

Figure 9-1 Underground Service for Mobile Homes (Pedestal Installation)



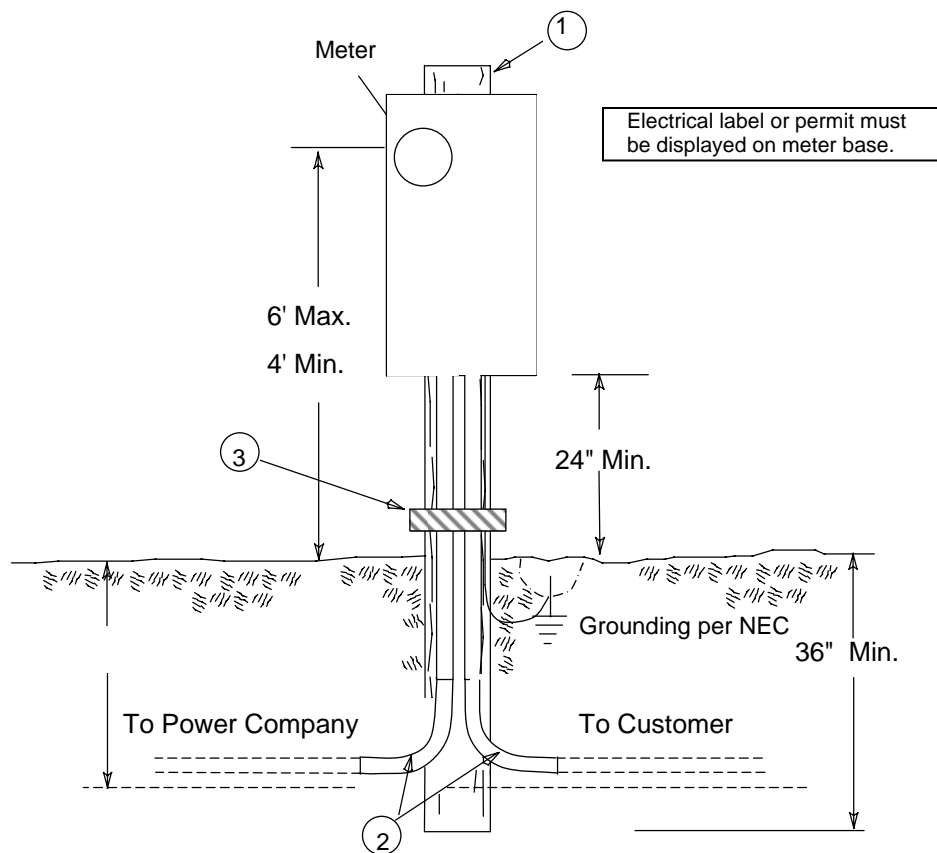
References:

1. Access door to Power Company connections must be kept clear 6" minimum above final grade and have a sealable provision for Power Company.
2. See section 6 for trenching and underground requirements.
3. 1/8" x 1" x 1" Steel Angle-Drive into ground and attach to each side of pedestal with 1/4" or larger bolts. Refer to Power Company for other methods of stabilizing base.

Notes:

- a. Provide additional corrosion-resistant protection to bottom of pedestal which contacts the soil. (Use electroplate galvanizing under paint, a paint with coal tar coating, etc.)
- b. Set pedestal so front door to Power Company connections remains accessible.
- c. The Power Company will secure the access door to its connections using a Power Company meter seal. Keep the meter seal locations on door accessible.
- d. Do NOT install Customer's conduit across front of Power Company access door on pedestal.
- e. Use corrosion inhibitor for all aluminum connections.
- f. The Power Company will specify location of the meter.
- g. Other applications for this pedestal may be permitted upon arrival from Power Company.

Figure 9-2 Alternate Underground Service
(Post-Mounted Installations)



References:

1. 6 x 6-inch minimum size, pressure-treated wood post owned by Customer. During installation, firmly tamp earth around post and mound to allow for settling.
2. See section 6 for conduit and underground requirements. Use protective bushing on conduit.
3. Block and strap to support conduit.
4. The Power Company will determine the exact location of the meter.

9.5 Overhead Service Information

The Power Company will supply new overhead service to any building or premises except in an area designated by local government jurisdiction and/or the Power Company as an underground district, restricted to underground service.

Refer to section 7 (*Overhead Service*) for service drop information.

9.6 Overhead Service to Manufactured Homes

The Power Company will provide overhead service to manufactured homes using the same requirements as residential occupancies list in Section 7 (*Overhead Service*). The Customer must make provision for meter height and placement as described in Section 5.1 (*Location of Meters*). When the meter socket is improperly located the Customer is responsible for all modifications to relocate or locate meter to Power Company requirements.

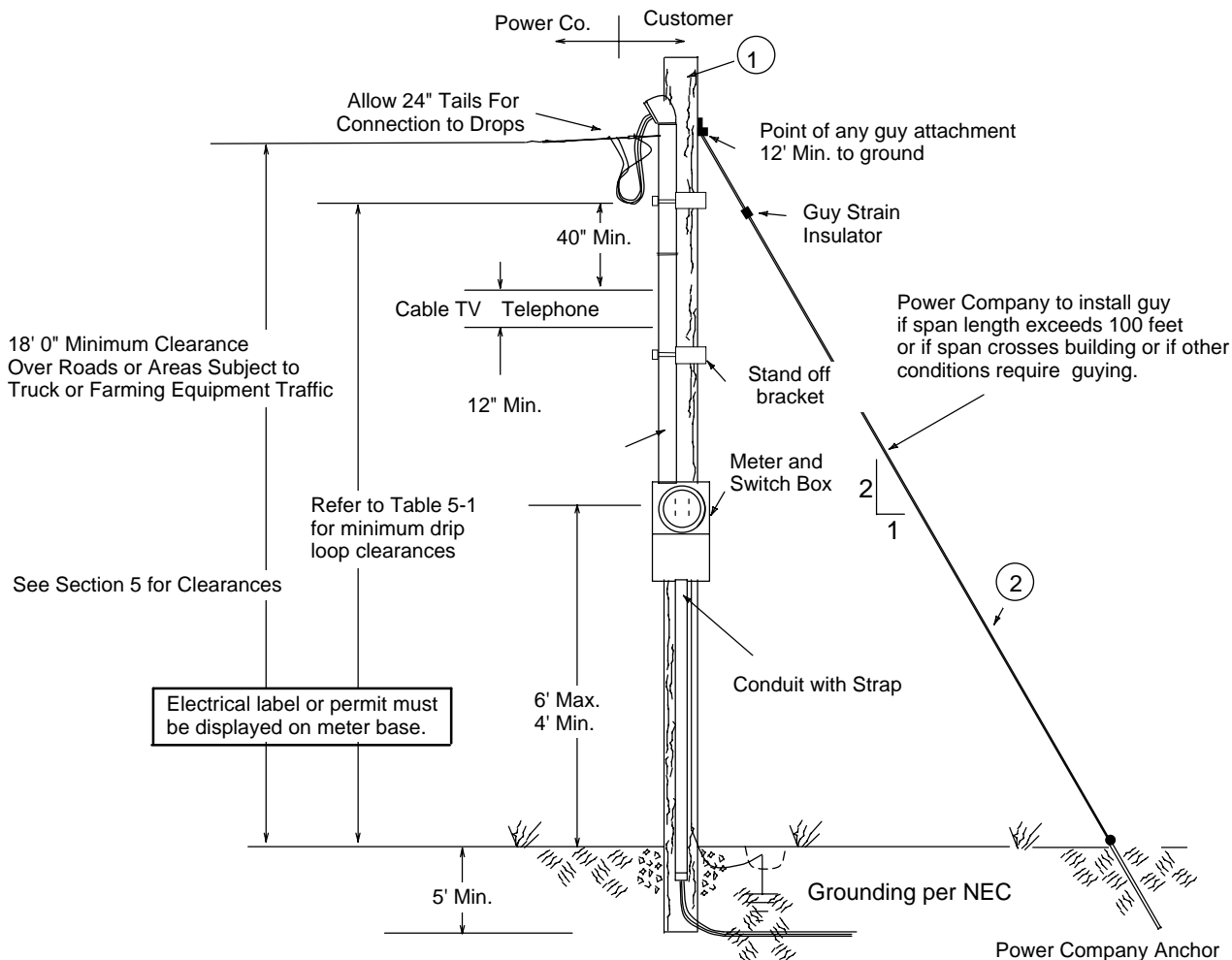
9.7 Overhead Service to Mobile Homes

The Customer must install the meter base and service equipment on a wood pole. The pole requires pressure or thermal treatment with an American Wood Preservative Association approved preservative. The pole height must provide all required clearance for the Power Company's service drop and any telephone, cable TV or other attachments (see section 5). The Power Company will not energize the service if the Customer-provided service pole is not safe to climb. Refer to the following.

Figure 9-3,
Overhead Service to Mobile Homes, Customer Underground Service Lateral

Figure 9-4,
Overhead Service to Mobile Homes, Customer Overhead Service Drop

**Figure 9-3 Overhead Service to Mobile Homes
(Customer Underground Service Lateral)**



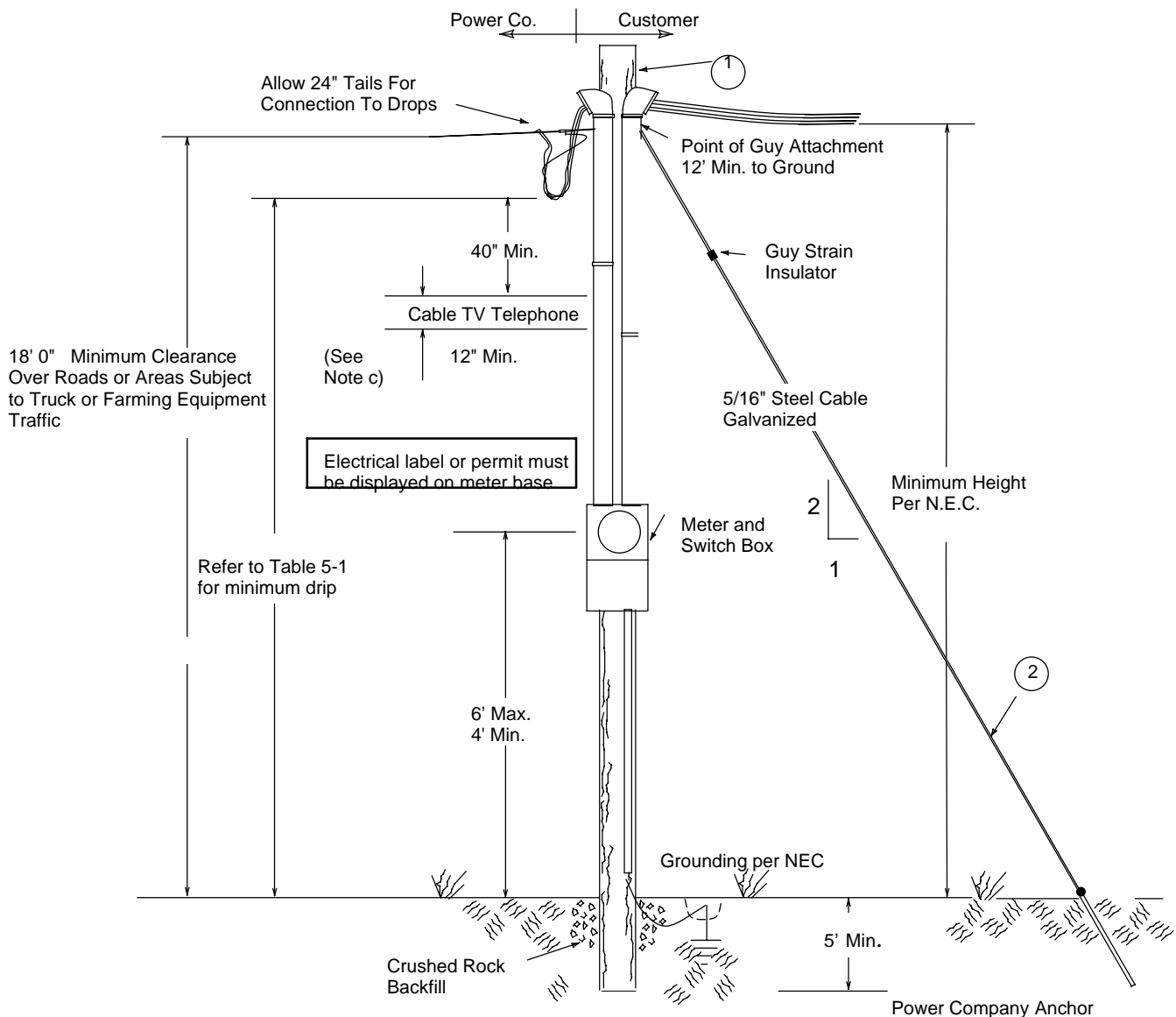
References:

1. Customer to provide and install the service loop and assembly brackets.
2. Power Company to provide guying if span length exceeds 100 feet or if other conditions require guying.

Notes:

- a. Member provided pole to be 30' minimum length. Class 6 (6" minimum top diameter, 7" minimum diameter, 6' from butt) or better, pressure or thermally treated by a commercial treating plant, set no less than 5' below ground level, with gravel backfill.
- b. Additional height may be required to accommodate overhead telephone service or cable TV. Contact telephone and CATV Co. for their required clearances.
- c. The Power Company will determine the exact location of the meter.

Figure 9-4 Overhead Service to Mobile Homes
(Customer Overhead Service Drop)



References:

1. Customer to provide and install the pole, service loop, and assembly brackets.
2. Customer to provide guying if span length exceeds 100 feet or if other conditions require guying.

Notes:

- a. Member provided pole to be 30' minimum length. Class 6 (6" minimum top diameter, 7" minimum diameter, 6' from butt) or better, pressure or thermally treated by a commercial treating plant, set no less than 5' below ground level, with gravel backfill.
- b. Additional height may be required to accommodate overhead telephone service or cable TV. Contact telephone and CATV Co. for their required clearances.
- c. The Power Company will determine the exact location of the meter.