

Section 6 – Temporary Construction Service – Directory	Page
6.1 General	40
6.2 Construction Criteria For Temporary Service	40
6.3 Meter Socket Requirements for Temporary Construction Services	44

6. Temporary Construction Service

6.1 General

Upon request, the Power Company will supply temporary service at a location adjacent to the Power Company's facilities in accordance with applicable rules and tariffs.

Always locate temporary services for construction work so as to protect the meter from accidental damage. When practical, install temporary services in a location usable throughout the entire construction period. When the Power Company must relocate a temporary service, the customer shall bear the relocation cost in accordance with the Power Company's applicable tariffs.

6.2 Construction Criteria For Temporary Service

Figure 13, Figure 14, and Figure 15 show typical installations for overhead and underground temporary construction services. These structures must meet the following requirements or the Power Company may decline to provide service.

Requirements:

1. The authority having jurisdiction may require the grounding connection to be visible when an electrical inspection is made.
2. All temporary services except single-phase, 120/240 V, 200 amp (A) or less, shall be constructed in accordance with Section 9, *Non-Residential Services*.
3. The duration of a temporary service cannot exceed 180 days (120 days in California).
4. The meter socket and service equipment shall be NEMA type 3R (rainproof), in good condition, with no holes, dents, or damage, and plumb in all directions. The installation shall be made with sufficient materials and installed such that it remains plumb for the duration of the temporary service.
5. Installations in unstable soil, or where proper depth cannot be obtained, require guying or bracing in conformance with applicable codes.
6. A main breaker is required.

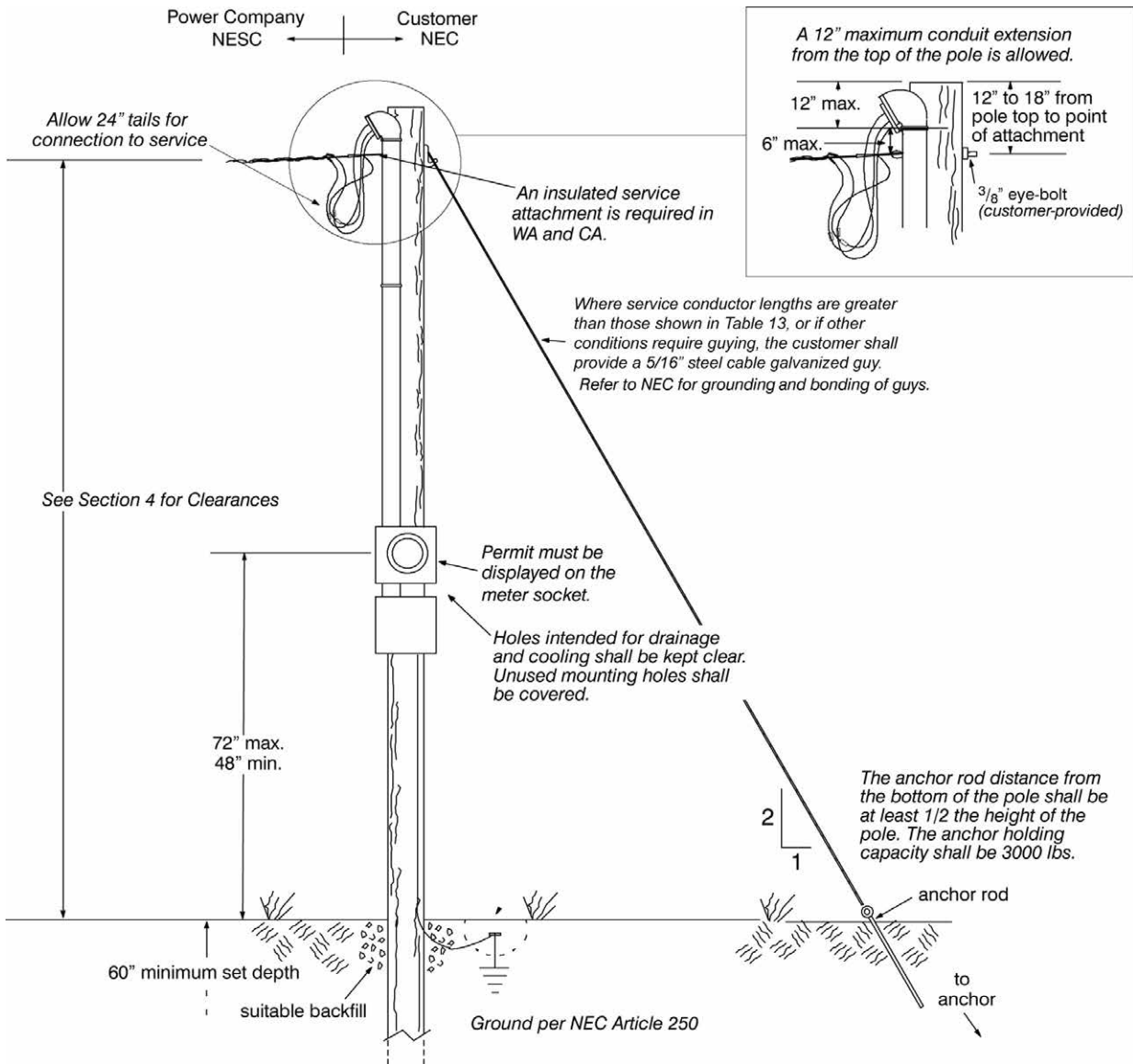
6.2.1 Overhead Temporary Construction Service Requirements

1. The customer shall install the meter socket and service equipment on a wood pole or timber.
2. Wood poles shall be of sound timber. To ensure strength, the pole or timber must be free of any defects that may weaken the wood, such as sucker knots and spike knots larger than $\frac{1}{3}$ of any face. Cracks greater than $\frac{1}{2}$ -inch ($\frac{1}{2}$ ") wide are not permitted. No visible wood decay is allowed.
3. The pole or timber shall be no less than 20 feet (20') long and provide proper ground clearance. A pole shall be no less than 5 $\frac{1}{2}$ inches (5 $\frac{1}{2}$ ") in diameter at the top, or a minimum (nominal) 6" \times 6" timber. The pole or timber shall be set no less than 60 inches (60") below ground level and suitably backfilled. The pole or timber length minimum is 25 feet (25') if the service drop crosses a road or traffic area.
4. Customer-provided service conductor size shall be at least No. 8 copper or No. 6 aluminum.
5. The conductor must be at least 24 inches (24") in length outside the weatherhead.
6. The temporary service pole or timber shall be easily accessible by Power Company power-lift aerial equipment.
7. Overhead temporary service construction dimensions shall meet those identified in Figure 13.

Table 13—Acceptable Temporary Service Conductor Lengths
Without Guying, Bracing, or Mid-Span Support

Service Size	Utility Service Length
100 A	80' Max.
101 - 200 A	60' Max.
Above 200 A	Consult the Power Company

Figure 13—Overhead Temporary Construction Service - Pole



6.2.2 Underground Temporary Construction Service Requirements

1. The customer shall provide all trenching.
2. The customer-provided service conductor size shall be at least No. 8 copper or No. 6 aluminum.
3. The customer-supplied conductor shall be long enough to connect to the Power Company terminals.
4. Conduit must be rigidly fastened to the post.
5. The post is customer-owned and shall be made of wood with a minimum nominal size of 4" x 4".
6. Clearances between metallic equipment, non-metallic equipment and poles shall be maintained as specified in Section 4.2.
7. Underground temporary service construction dimensions shall meet those identified in Figure 14 or Figure 15.

Figure 14—Underground Temporary Construction Service - Post

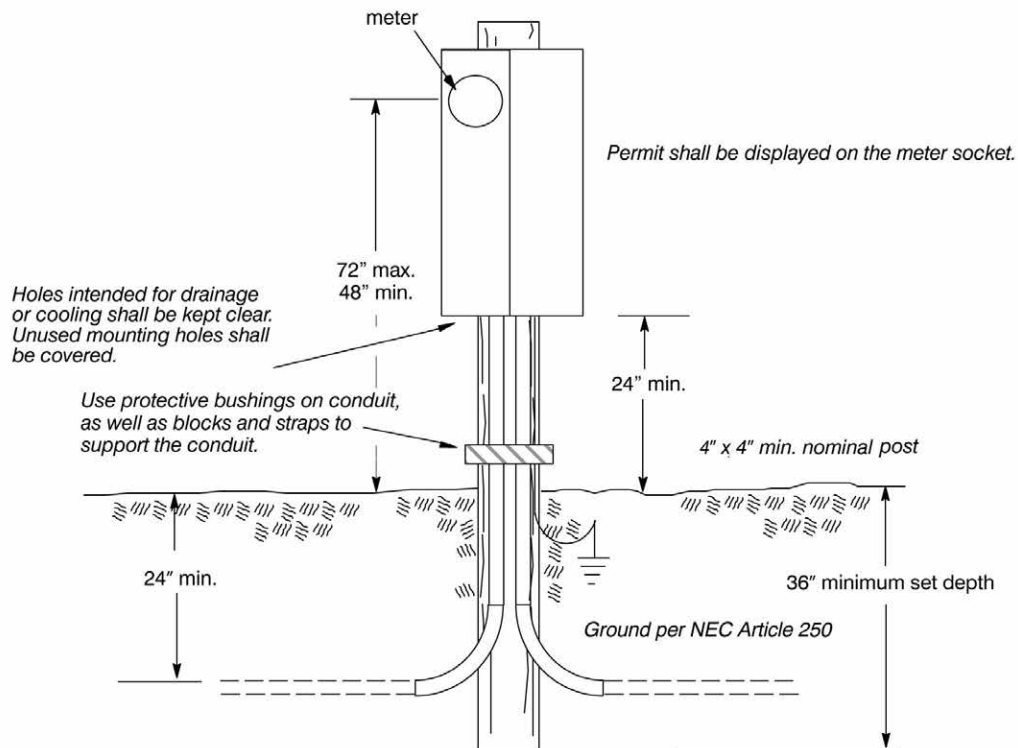
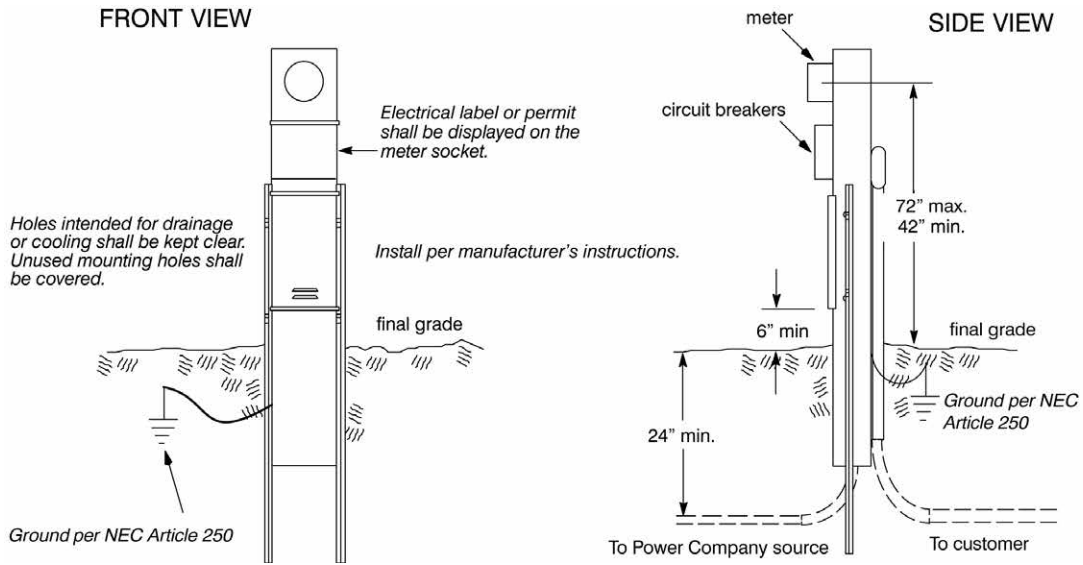


Figure 15—Underground Temporary Construction Service, Free-Standing Meter Socket, Manufactured Package



6.3 Meter Socket Requirements for Temporary Construction Services

The following table outlines meter socket requirements for various temporary construction services.

Table 14—Customer-Supplied Meter Socket Types

Temporary Construction Service	Meter Socket Type
Single-phase, 120/208 V, 200 A or less	5-Jaw
Single-phase, 120/240 V, 200 A or less	4-Jaw
All other temporary construction services	per Section 9