Under normal policy and procedures, Hawaiian Electric requires any of the following County of Maui permits to provide temporary power:

- Building permit
- Electrical permit
- Permit exemption

For rebuilding in Lahaina, we understand that the above permits may not be obtained in a timely manner and have worked with the County of Maui to accept **temporary structure building permits** as issued by the County of Maui under the Mayor's proclamation that is applicable for five (5) years from August 2023 or until the Mayor's proclamation has ended for use of temporary power (whichever date is earlier).

In doing so, this will be considered an un-permitted structure and if the structure is intended to remain, appropriate permits should be obtained.

There are two types of temporary services that you may request power for:

1. **Temporary dwelling service** – Temporary power to be utilized as a live-in structure for multiple years until the permanent home is built
2. **Temporary construction service** – Temporary power utilized for construction to support equipment to build a permanent home/structure

Either of the above mentioned permits/non-permits can be utilized for temporary services. However installation between utilizing the un-permited temporary structure building permit requirements differ from the permitted structure requirements.

Temporary Structure Building Permit Requirements (Un-permitted)

Hawaiian Electric

Fees will be waived for temporary services that meet the following requirements:

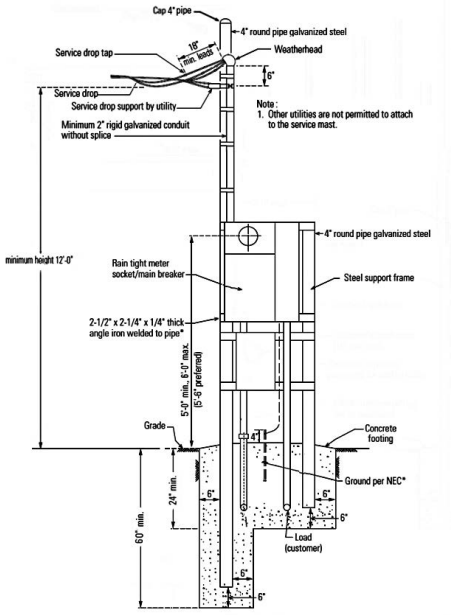
- Temporary structure permit obtained from the County that is applicable for five (5) years from August 2023 or until the Mayor's Proclamation has ended (whichever date is earlier)
- Located within the burn zone
- The customer's licensed electrical contractor installs the electric service equipment (meter socket, mast or ducts, wiring, and associated connections) per Hawaiian Electric's Electric Service Installation Manual (ESIM) located on our website at **hawaiianelectric.com on the Manuals & Engineering Specifications web page in the Electrical Installation and Standards section**
- The installed electrical equipment is located within 1 span (<85 feet) from the nearest utility pole or handhole
- For underground installations, a meter pedestal will need to be installed
- Shown below are examples of electrical service equipment to be installed by the customer's licensed electrical contractor

Note: To continue to be provided electrical service after the Mayor's proclamation has ended, the permanent home meter must be installed at same location and have obtained appropriate permits (ie: building and electrical or disaster recovery building permit).

If current temporary dwelling service cannot be permitted after the Mayor's proclamation has ended, this structure will need to be removed and disconnected (ie: trailers, mobile homes, etc.).

Examples of the three (3) options can be seen below:

Temporary Service for Overhead Systems
(Poles are or were in the roadway)



Notes:
1. Meter socket center line elevation shall be between 5'-0" and 6'-0" above finished grade.
2. Plywood backboards shall not be used for mounting service entrance and metering equipment.

* Two (2) ground rods shall be installed and separated by a minimum distance of 6'-0".

** In lieu of angle iron, uni-strut channel bolted to vertical pipe support may be acceptable. Consult with the Company prior to fabrication.

Temporary Service for Underground Systems

Freestanding Steel-Post Structures

Freestanding steel-post structures are fabricated with structural steel pipes, angles, etc. and are designed to mount service entrance equipment. The customer is ultimately responsible to ensure that the structural design of the freestanding steel-post structure is capable of supporting all design loads and is in accordance with all applicable building codes. Figure 4-17 and the accompanying notes below shows an example of the minimum requirements of a basic design and shall be upgraded as necessary. The Company shall not be held responsible for an inadequate structure and reserves the right to require design calculations and drawings stamped by a structural engineer licensed in the State of Hawai'i.

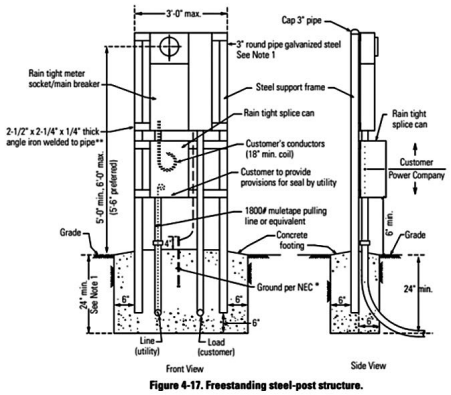


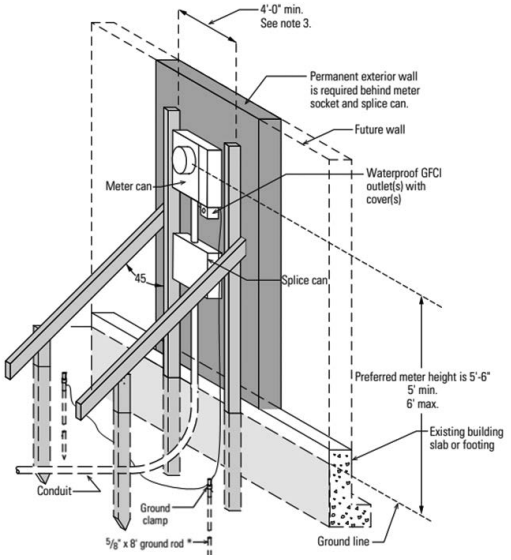
Figure 4-17. Freestanding steel-post structure.

Notes:
1. Where CT metering is installed, the minimum pipe diameter for support frames shall be 4-inches and the concrete footing thickness shall be increased to 30-inches (minimum).
2. Meter socket center line elevation shall be between 5'0" and 6'-0" above finished grade.
3. Plywood backboards shall not be used for mounting service entrance and metering equipment.

* Two (2) ground rods shall be installed and separated by a minimum distance of 6'-0".

** In lieu of angle iron, uni-strut channel bolted to vertical pipe support may be acceptable. Consult with the Company prior to fabrication.

Temporary Service for Underground Systems



Notes:
1. Customer's licensed electrical contractor shall verify requirements with the local power company and local government prior to installation
2. The metering equipment shall be later used for permanent service. Any adjustments required after the meter and service installation may result in additional costs from the power company
3. Frontal working clearance of 4 feet by 4 feet by 7 feet is required

* Two (2) ground rods shall be installed and separated by a minimum distance of 6'-0"

County of Maui Permit Obtained (Permitted)

Hawaiian Electric

Fees will be waived for temporary services if installed per above listed examples and/or if the following conditions are met:

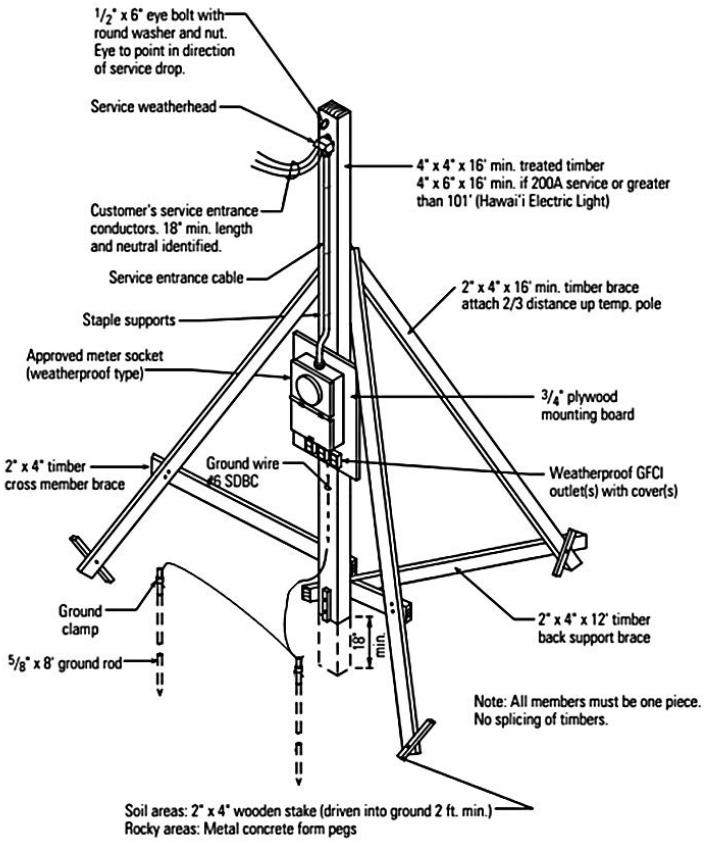
- Located within the burn zone
- Building permit/electrical permit, disaster recovery building permit obtained by the County of Maui that is applicable for the duration of construction as indicated on the issued permit
  - The customer's licensed electrical contractor installs the electric service equipment (meter socket, mast or ducts, wiring, and associated connections) per Hawaiian Electric's Electric Service Installation Manual (ESIM) located on our website at **hawaiianelectric.com on the Manuals & Engineering Specifications web page in the Electrical Installation and Standards section**
  - The installed electrical equipment is located within 1 span (<85 feet) from the nearest utility pole or handhole
- Permanent meter is installed at same location of temporary pedestal/wall location OR within 10' from overhead temporary meter stand
- If utilizing overhead temporary meter stand, permanent meter must be installed within 1 year of temporary stand install

If the temporary power is to be utilized for construction purposes only and the permanent meter is not intended to be installed at the same location or within 10' of the temporary power, fees may apply.

Below is an example of electrical service equipment to be installed by the customer's licensed electrical contractor for temporary construction meter stand that is applicable for one (1) year from installation if County of Maui permit is obtained. Fees may apply.

Temporary Service for Overhead Systems

(Poles are or were in the roadway)



Note:
Two (2) ground rods shall be installed and separated by a minimum distance of 6'-0"

REBUILDING LAHAINA

Hawaiian Electric

Restoration of Photovoltaic (PV) System Interconnection

Residential customers of Lahaina with previously executed interconnection agreements will have a one-time opportunity to remain on their existing interconnection program (i.e. Net Energy Metering or NEM, Customer Grid-Supply, etc.) provided the following requirements are met:

- The system was damaged by the fire
- Their new home is on Maui
- The replacement system is within 1 kW of the original system's program size
- Any new equipment installed must meet current technical standards
- Customers on interim CER renewable energy programs (i.e. Customer Self-Supply or CSS, Customer Grid-Supply or CGS, CGS+, and Smart Export) who re-build their PV systems will need to transition to the new Smart DER program if required based on the original execution date of the interim program after completing seven (7) years of energization

It is recommended that the PV application is submitted using its own electric permit and (after) the home's permanent service has been installed and energized. Submitting concurrently or submitting together with the building's permit can cause delays in obtaining the permanent electric service.

For questions regarding the restoration of photovoltaic system interconnection, please contact our call center at (808) 543-4760.