

Service Drop Clearance and Location

REVISED 08/2020



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Fairbanks, AK 99701
New Construction Phone: (907) 458-5870

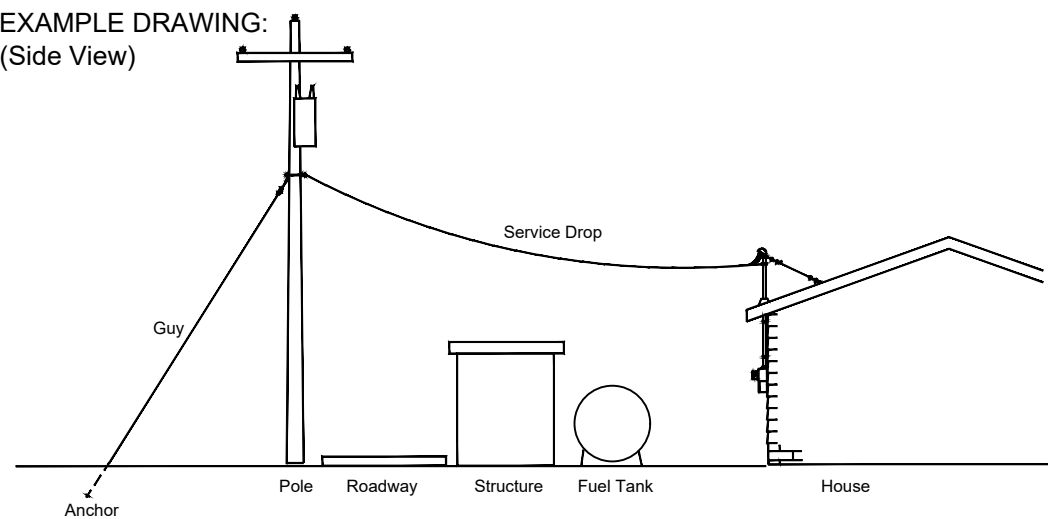
Electrical Service Requirements For Residential Buildings

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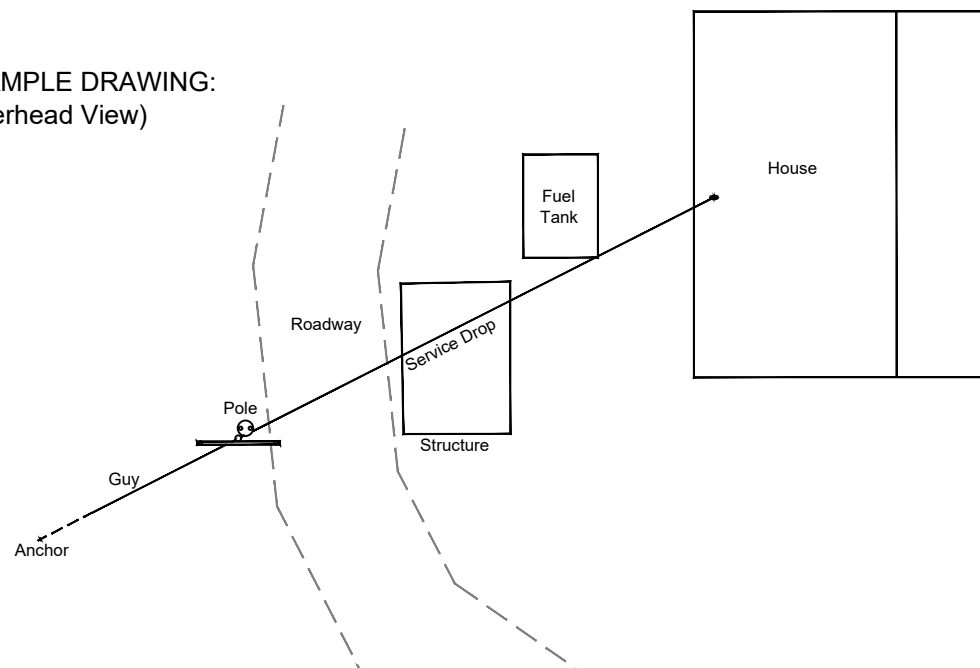
SKETCH ANY OF THE FOLLOWING
ITEMS UNDER YOUR SERVICE DROP:

- | | |
|------------------------------------|--|
| <input type="checkbox"/> DECKS | <input type="checkbox"/> ROADWAY |
| <input type="checkbox"/> DITCHES | <input type="checkbox"/> SEPTIC SYSTEM |
| <input type="checkbox"/> DRIVEWAY | <input type="checkbox"/> STRUCTURES |
| <input type="checkbox"/> FUEL TANK | <input type="checkbox"/> WELL |
| <input type="checkbox"/> HILLS | <input type="checkbox"/> OTHER ITEMS |

EXAMPLE DRAWING:
(Side View)



EXAMPLE DRAWING:
(Overhead View)



Steps to Obtain Residential Electrical Service

- The following information is necessary prior to receiving your new service.
 - The physical address of the property to be served.
 - The tax lot number or subdivision lot and block number.
 - Date electric service desired (month).
 - A plot plan of the property made by a surveyor (this is often a requirement to obtain financing for a new home, so it may be readily available). Any information shown about the location of obstacles such as the well, septic system, driveways, etc. will especially useful.
- To help define your service needs, the following information, if available, will assist GVEA in providing your new service.
 - A copy of the subdivision plat for your lot.
 - A photograph of the residence to be served preferably from the direction that the residence will be served.
 - A sketch of the building to be served, showing the location of windows, doors, decks, etc.
- Stop by GVEA to talk with a Construction Services Representative and complete an application for service.
- Your Construction Services Representative will work with you to select the type of service that best meets your needs. Your Construction Services Representative will help you evaluate the relative cost of each option, and determine how the features on your property will affect the design of the service.

The Construction Services Representative will give you a construction guide for the type of service selected. The construction guide includes detailed instructions for installation of your service equipment. At this time, your Construction Service Representative will also provide you with the preliminary point of service.

With a stake (lath) provided by GVEA, please mark the preferred location of the new meter. After you have picked a location, the Construction Service Representative will visit your site to confirm that GVEA can provide service at the location. **Do not begin installing the service entrance equipment until the Construction Service Representative has confirmed that the location is suitable, and that the direction that the meter faces is acceptable.**

- Often it is necessary to install new facilities to serve a building site. Your Construction Services Representative will be the point of contact for the construction of your new service.
- After approval of the new meter location your service entrance equipment can be purchased and installed. Clear a path that is at least 4'-0" wide from the meter to the point on the power line where you will be served. Members are responsible for keeping this path clear.

See the illustrations on the next page for information on the dividing line between GVEA and Member Equipment.

We recommend that you hire a licensed electrical contractor to install the service equipment. For Type E services (see sketch on next page) the cable from the transformer to the service entrance must be installed by a licensed electrical contractor.

- If your property is located within the Fairbanks City limits, you will need to obtain a certificate of inspection for your service entrance equipment from the City of Fairbanks building department (call 459-6720).
- Notify your Construction Services Representative when the service equipment is installed and ready for inspection. Upon completion of the inspection, your service will be scheduled for construction.

The initial inspection is provided free of charge by GVEA. If the service entrance is not installed correctly, an additional inspection will be necessary to confirm that the service meets the requirements of the National Electric Code and GVEA. A charge may be assessed for each additional inspection.

- A line construction crew from GVEA or a contractor will connect service drop wires from the transformer on GVEA's pole to your service entrance equipment.
- After final inspection, the new meter will be installed and the main breaker will be left in the "off" position. The power is now available; to energize your wiring, turn the main breaker on.

