

ELECTRIC REQUIREMENTS AND SPECIFICATIONS

The City of Casey abides by National Electric Code guidelines.

Anyone who intends to install a new electric service or change an existing one must first contact the City of Casey Utilities Department and verify that the proposed service meets with their approval.

For purposes of clarification:

1. All electric services shall be mounted on the outside of the building
2. If an existing service is enclosed by new construction the owner shall move the service to the outside.
3. Minimum electric service shall be 100 amp unless on special consideration.
4. All services shall have a 5/8" x 8' ground rod with a minimum of 6# copper wire in conduit from the meter socket to 6" below ground.
5. Minimum wire size for 100 amp service is #2 copper or #1/0 aluminum.
6. Minimum wire size for 200 amp service is #3/0 copper or #4/0 aluminum.
7. The service wire shall be equal to or larger than the capacity of the main disconnect breaker.
8. A main disconnect must be within 7 ft. of the meter.
9. The service contact must be high enough to meet the following minimum height requirements:
 - A. On building – 10 ft.
 - B. Over private drive – 12 ft.
 - C. Over alley or drive – 15 ft.
 - D. Over secondary street – 18 ft.
10. The city shall furnish only overhead service wire from the property line to the customer's first point of contact.
11. A meter mast through the roof shall be no smaller than 2" rigid galvanized conduit and the wire attachment shall be no higher than 24" above roof without a guy.
12. The property owner shall be responsible for attaching all material on his property.
13. Aluminum wire will be permitted only for underground to panel and in a meter service feeding that underground.

SPECIFICATIONS FOR ELECTRICAL HOOKUP

House – 100 or 200 Amp Service

1. 2" conduit
2. 15 ft. to the top of the weather head
2. Insulators 30" off roof
3. 8 ft. copper ground rod wire in conduit
4. Meter 5 ½ ft. above ground
5. Wire sizes: 100 amp - #32 copper or 1/0 aluminum
200 amp – 3/0 copper or 4/0 aluminum

Elec specs.doc
Rev. 10/24/18