



Building Department  
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## **ELECTRICAL SERVICE**

### **BUILDING PERMIT**

A building permit is required **before** work begins.

### **CONTRACTOR LICENSING**

All Contractors who work in the Village must be licensed.

### **Meter Panel:**

- New meter panels must have the letters "CECHA" for Com Ed Services.

### **Overhead Services:**

- Overhead service meter height shall be located between 54" and 66" to center and shall not be located within 3' of any window. Raceway must be metal.

### **Bonding Requirement:**

- Bonding bushing(s) must be used in the meter panel as shown in the diagram on the back of this page.

### **Ground Rod:**

- An eight foot (8') by 5/8" copper ground rod and a metal raceway from the meter to the ground rod enclosing a #6 ground wire attached to the ground rod by an acorn-style ground clamp must be installed.
- The raceway must be bonded at both ends to the ground rod and to the grounded conductor in the meter panel. (See the diagram on the back page).

### **Water Pipe Grounding:**

- When not using the entire concentric knockout between the meter and panel, a metal raceway and a bonding connector on the end of the pipe must be used to install a #6 ground wire from the panel to a water pipe.
- A jumper wire must be installed by-passing the water meter and a jumper wire connecting the hot and cold water pipes above the water heater is also required.
- Water pipe clamps must be used for these installations.

### **Service Wire:**

- No aluminum wire is allowed to be used for service wires.
- Neutral wires shall be marked with white and have a minimum of 18" of wire extending out of the service head.

**Diagram on back** 