

## **ELECTRICAL SERVICE & ELECTRICAL ALTERATIONS**

While we encourage homeowners to hire a licensed electrician to do their electrical work, the homeowner is permitted to do their own electrical work on their own single-family home if it is their primary residence. If the property is a rental or income property, a licensed electrician MUST be used.

Whether you are installing a service or doing alterations around your home, please be sure to include the following information (plus two copies of applicable diagram) with your electrical application for a permit:

### **SERVICE**

Please submit a diagram showing the following:

- Service Head
- Cable or Conduit
- Conductor Sizes
- Panel Size & Overcurrent Protection
- Grounding Electrode
- Supplemental Grounding
- Clearances

### **ALTERATIONS/RENOVATIONS TO HOME**

Floor and/or Ceiling diagram showing the following:

- Location of fixtures, outlets and switches
- Type of Wire
- Wire Size
- Number of Circuits
- Location of Panel
- Size of Panel
- Overcurrent Protection

### **SWIMMING POOLS**

Please submit a wiring diagram showing the following (if applicable)

- Type of Pool (Above Ground Pool, Inground Pool, Storable Pools)
- Trenches - Depth
- Wiring Methods- Conductor Sizes
- Grounding- Sizes and Type
- GFCI Protection - Pool Motors
- Cord and Plug Connected Equipment (Length of Cord)
- Equipotential Bonding- Size and Type (include all equipment and bonding grid)
- Overcurrent Protection
- Required GFCI Receptacles and Locations
- Lighting- Type (location & wiring methods)