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**A Century of Progress with Pride**

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## **ELECTRICAL WORK**

### **BEFORE STARTING WORK:**

Make sure your permit application is approved and paid for.

### **ALSO:**

Electrical equipment shall be installed in a neat workmanlike manner. (conduit and boxes plumb and level, conduits to enter boxes squarely, with proper offsets where necessary.) Slip-shod or careless work shall not be approved.

Before calling for inspection – Check list:

Mogal type (very long) entrance fitting required.

ALL wiring to be conduit except where fished across or up through existing closed partitions. Then Greenfield may be used but no more that 5' is to be exposed.

Outside service main disconnects are not allowed.

Patch all holes around conduits and holes where old conduits were removed.

Install bond screws or jumpers in main disconnect. (at neutral block)

Strap all conduits at least every 5'. Nails bent over conduits will not be accepted.

Aluminum conduit shall not be mixed with any other metal pipe.

Fill all unused knock-out openings, including unused breaker openings.

Circuit breakers to be 15 AMP except for heavy duty circuits where the wire sizes are larger than #14. Breakers then to be selected according to wire size.

All lock nuts, connectors and couplings shall be tight.

Junction boxes securely fastened, covered and not "over-filled." Use 4" square (1900 boxes) and plaster covers for rough-in work.

**For new room additions and new construction – do not pull in wires until after finish walls are installed.**

**Install ground tag at end of ground run.**

**Use jawed clamps and conductor equal in size to ground conductor for water meter jumper.**

**Fiber bushings where wire size is #6 or larger.**

**For conduits 1" trade size and larger containing conductors of #6 or larger, pull fittings should be large enough to conform to code requirements.**

**Junction boxes shall be installed so that the wiring contained in them may be rendered accessible without removing, cutting, damaging or breaking any part of the building. They are not to be buried behind walls.**

**When ready for inspection, owner to call for an appointment. Have permit number ready.**

**\*One exception – R.C. or S.E. cable not allowed for service, tiled or paneled over.**

**MUST INSTALL GROUND ROD FOR ALL ELECTRIC SERVICE WITHIN ONE FT. OF ELECTRIC METER. MUST GROUND SERVICE TO STREET SIDE OF WATER METER.**