

All work must comply with the Indiana Electrical Code and be approved by County Building Department.

Required wire sizes: 100 AMPS use #2 ALUMINUM or #4 COPPER in 1-1/2 or 2-inch conduit  
200 AMPS use #0000 ALUMINUM or #00 COPPER in 2 or 2-1/2-inch conduit

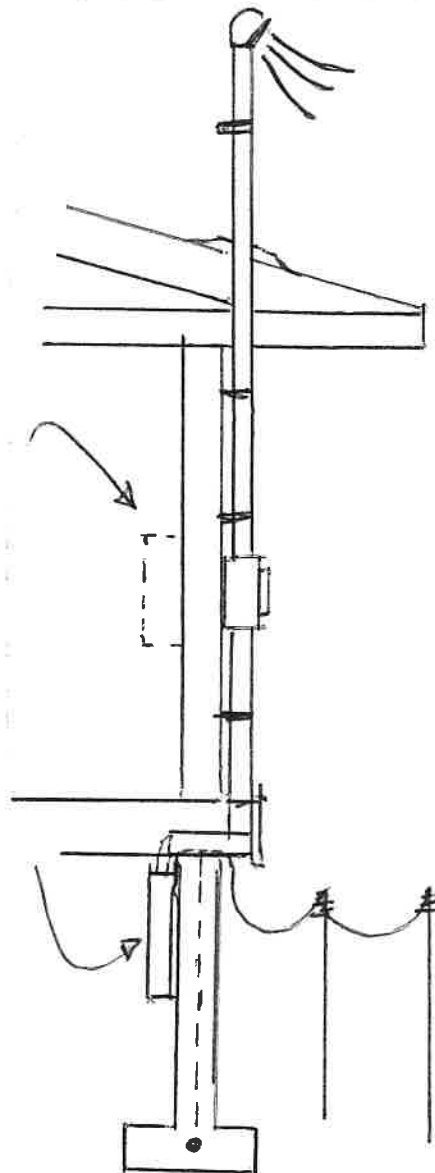
All aluminum terminals require a coating of electrical joint compound.

Provide 3'-0 drip loop with the neutral wire identified by white or grey on both ends.

Metal conduit required from the meter base to a point 3'-0 above the roof with no couplings in the top 10'-0 of the mast and a service bracket below the weather head. Conduit must be secured 12" from meter base and @ 30" intervals. Conduit requires lock nuts, insulated bushings and a weather tight connector. Interior panel boards more than 8'-0 from the point of entry require an exterior disconnect.

SE cable or individual conductors in #80 PVC maybe used after the meter base with lock nuts and bushings to the service panel.

Service panel  
locations



Meter base 5-6'  
above grade.

**Grounding conductor**

#6 copper to panel neutral.

**Do not** go thru meter base.

Protect to finish grade with

3/4" PVC electrical conduit.

**UFER type grounding req'd for  
all new construction (see back)**

Other grounding systems are:

Two 1/2" copper weld rods or

5/8" galvanized rods spaced

5'-6' apart connected w/acorn

clamps & continuous wire.

### **UGER GROUNDING SYSTEM**

New buildings with a concrete foundation require a minimum of (1) 20'-0" piece of ½" reinforcing bar (rebar) in the footer to serve as the electrical grounding source. Most often a 2<sup>nd</sup> piece, is bent upwards 90° and fastened with tie wire to the 20'-0" piece in the footing concrete. This 2<sup>nd</sup> piece needs to remain accessible for attachment of the #6 ground wire with a pipe style grounding clamp near the location of the future electrical distribution panel.

This method applies to all electrical systems powered by public utilities, private utilities, solar or powered generators.

### **NEW ELECTRICAL SERVICES**

- 1.) Customer must contact NIPSCO/REMC engineer to determine service location and proper meter base.
- 2.) Once installation is complete, customer or contractor must call Bldg. Dept. for inspection (260) 499-6309 prior to 8 AM.
- 3.) After Bldg. Dept. approval (green sticker) wait 48 hrs. to contact NIPSCO to schedule hook up. REMC doesn't require the 48 hr. waiting period.

### **ELECTRICAL SERVICE UPGRADES**

- 1.) Customer or contractor must contact NIPSCO/REMC to schedule power disconnection for early A.M. and also schedule reconnection before 2 P.M. on same day. Otherwise it will be next day reconnect.
- 2.) Customer or contractor must schedule Bldg. Dept. inspection for mid-A.M. to verify proper installation before reconnection.

NIPSCO (800) 464-7726

LaGrange REMC (260) 463-7165

Steuben REMC (260) 665-3563

### **NEW GAS SERVICE**

Call NIPSCO, 1-800-464-7726, their engineer will determine the service meter location and mark it with a plastic stake. Install all the properly sized piping for your heating and various appliances, then terminate the pipe outside at the meter location. Install a gauge, add 10# of air pressure for at least 15 minutes for the county inspection. Inspector will need interior access to verify proper installation. A passing inspection will receive a green sticker. Wait 48 hrs. to contact NIPSCO and arrange for gas connection.