

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

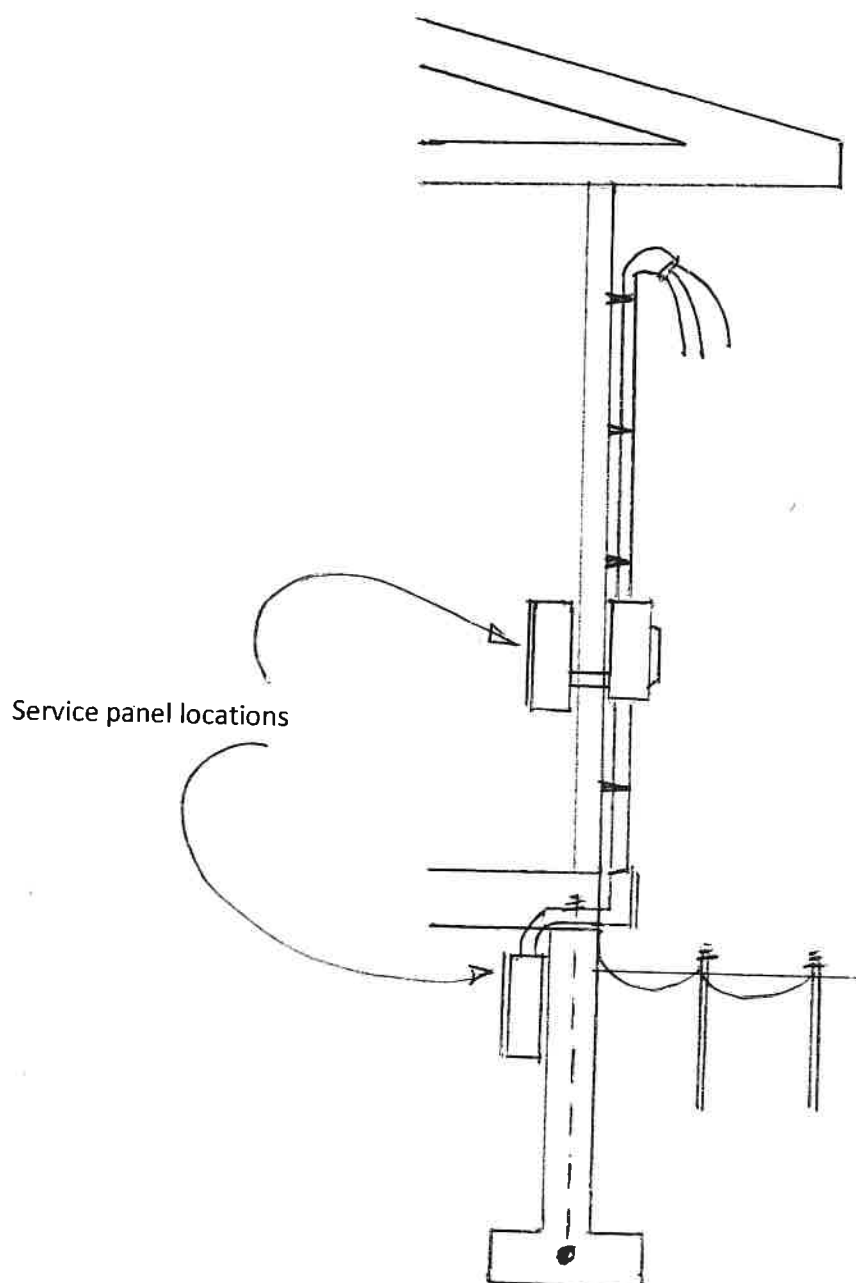
Required wire sizes 100 AMPS use #2 ALUMINUM or #4 COPPER in 1 ½ or 2-inch conduit

200 AMPS use #0000 ALUMINUM or #00 COPPER in 2 or 2 ½-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.

If using SE cable, it shall be secured 12" from meter base & weather head plus @ 30" intervals and a nonabsorbent insulator (clevis) is required for service drop conductors to attach to building. Conduit is secured at similar intervals. Interior panel boards more than 8'-0" from the point of entry require an exterior disconnect. SE cable or individual conductors in #80 PVC conduit maybe used after the meter base with lock nuts and bushings to the service panel.



Maintain proper
vertical clearance.
10'-0" above walks
12'-0" above drives
18'-0" above roads

Weather tight
connector.

Meter base 5'-6'
above grade.

Grounding conductor

#6 copper to panel neutral.

Do not go thru meter base.

Protect to finish grade with
¾" PVC electrical conduit.

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

Other grounding systems are:
Two ½" copper weld rods or
5/8" galvanized rods spaced
5'-6' apart connected w/ acorn
clamps & continuous wire.

UFER GROUNDING SYTEM

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 2nd piece, is bent upwards 90° and fastened with tie wire to the 20'-0 piece in the footing concrete. This 2nd 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.