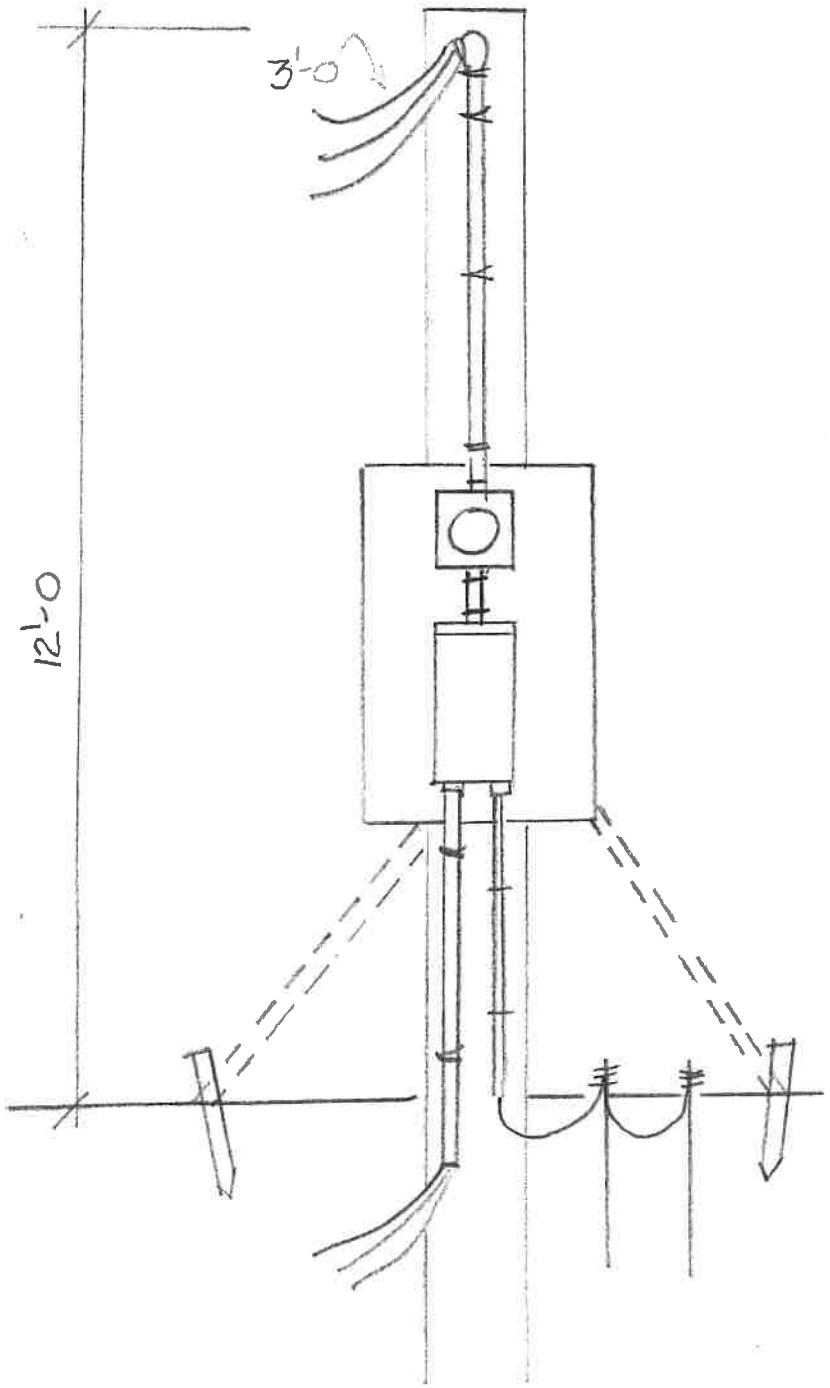
LaGrange County Building Department
24HR INSPECTION REQUEST LINE (260) 499-6309 OFFICE (260) 499-6305

OVERHEAD SERVICE from POLE then UNDERGROUND TO ANY RESIDENTIAL BUILDING
Also acceptable for single wide mobile homes and HUD steel platform double wide homes that require a 4 wire system. See back or ask for additional manufactured home handout.

TEMPORARY RESIDENTIAL SERVICES
Must have GFCI protected 15 or 20 amp outlets, TWO (2) diagonal braces and pole must be secure.
All work must comply with the Indiana Electrical Code and be approved by the 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.
Metal conduit requires lock nuts and insulated bushings. Schedule # 80 PVC requires lock nuts and bushings.



2" rigid metal conduit
NO couplings in top 10 feet
of mast or use service entrance
cable secured 12" from meter
base and weather head and at
30" intervals in between.

6" x 6" treated pole with treated
mounting board.
Location determined by utility
company plastic stake.

Meter base 5-6 feet
above finish grade.

Grounding conductor
#6 copper to neutral in panel.
Do not go thru meter base.
Protect to finish grade with
¾" PVC electrical conduit.

Listed dead front disconnect panel.
Cabinet bonded at neutral bar
with green bonding screw or strap.

Two ½" copper weld rods or
5/8" x 96" galvanized rods spaced
6 feet apart connected with acorn
style clamps and continuous wire.

Rev092520ms

UFER 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 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 verity proper installation. A passing inspection will receive a green sticker. Wait 48 hrs. to contact NIPSCO and arrange for gas connection.

MANUFACTURED HOMES

1) METER BASE SET 5'-0 ABOVE FINISH GRADE ON TREATED WOOD PEDESTAL
2) WEATHER TIGHT DEADFRONT SERVICE DISCONNECT MOUNTED ON TREATED PEDESTAL NEXT TO METER BASE
3) PANEL BOX LOCATED INSIDE STRUCTURE
4) 2 ½ "SCHEDULE 80 PVC ELECTRICAL CONDUIT FOR UTILITY COMPANY TO 18" BELOW GROUND
5) PVC NIPPLE W/LOCK NUT & BUSHING OR METAL NIPPLE W/ LOCK NUTS & INSULATED BONDING BUSHING
6) BOND NEUTRAL BAR TO PANEL
7) DRIVE (2) 8'-0 LONG x ½ "COPPER WELD OR 5/8" GALVANIZED GROUND RODS 6'-0 APART. CONNECT W/CONTINOUS #6 COPPER WIRE TO EACH ROD W/2 EACH ACORN TYPE GROUND CLAMPS AND RUN TO BONDED NEUTRAL BAR IN DISCONNECT. START 1ST ROD 24" AWAY FROM SERVICE RISER CONDUIT PIPE
8) RUN INSULATED WHITE NEUTRAL WIRE FROM DISCONNECT TO ISOLATED NEUTRAL BAR IN PANEL BOX (REMOVE ANY GREEN BONDING SCREW, OR STRAP)
9) TAKE RED AND BLACK HOT WIRES FROM DISCONNECT MAIN TO PANEL BOX MAIN
10) TAKE INSULATED GREEN GROUND WIRE TO BONDED EQUIPMENT GROUND (INSTALL GREEN BONDING SCREW OR STRAP)
11) INSTALL #8 COPPER WIRE FROM METAL FRAME OF STRUCTURE ON BUSS W/ OTHER BARE GROUNDS
12) INSTALL RED & BLACK HOT WIRES FROM #9
13) INSTALL WHITE WIRES ONLY ON ISOLATED NEUTRAL BAR