



Village of Woodridge

Community Development Department – Five Plaza Drive – Woodridge, IL 60517-5014
(630)719-4750 – TTY (630)719-2497 – FAX (630)719-2900

Single Family Electric Service Upgrade

- Size and type of existing service _____
(Example: overhead, 60 amps, 1 phase, 3 wires)
- Size and type of new service _____
- Number of service wires and wire size _____
- Size and type of conduit being installed _____
- Number of panel circuit breakers _____
- Size of ground wire _____
- Distance from panel to meter cabinet _____

Additional Requirements

- First floor decking must be installed
- Breaker service panel must be properly installed with a minimum of ¼” of air space behind the panel.
- 30” clear space around the panel and 36” out from the panel.
- All breakers must be properly labeled.
- Meter fitting must be firmly attached to the house.
- Exterior conduit must be rigid or IMC.

- If overhead service, masthead must terminate no less than 10’ above grade, any accessible platform, or landing. Service mast must be adequately supported, drip loop provided, and listed attachment fittings provided to anchor service lines.
- Check for insulated bushings and locknuts on service conduit.
- Check for bonding bushing at concentric knockout on service conduit if damaged.
- If service LB fitting is used, it must be accessible and either stamped for the amount of wires allowed or the opening length must be at least 6 times the diameter of the conduit entering.
- 100 amp service [#3 AWG feeders, #8 ground, 1-1/4” conduit, 20 circuit panel minimum].
200 amp service [#3/0 AWG feeders, #4 ground, 2” conduit, 30 circuit panel minimum].

- All wiring must be copper.
- Neutral identified with white, ground identified with green or bare. Ground rod must be driven at meter and The ground wire must terminate inside meter fitting only. Interior ground at water meter to be connected to the breaker panel.
- If panel is located more than 5’-0” from the entrance to building, disconnect must be installed inside the meter.
- Service entrance conduit must have raceway seal in place (duct seal).
- Panel GFCI required on new construction.
- Write on inspection ticket; amperage of service and whether service is overhead or underground.

Checklist date _____

Checklist initials _____