



WILL COUNTY LAND USE DEPARTMENT

58 E. Clinton Street, Suite 100 • Joliet, Illinois 60432

815/727-8634 • Fax: 815/727-8638

UNDERGROUND ELECTRIC INSPECTION CHECKLIST

This checklist is intended for use to prepare for an inspection. This is only a general list and is not intended to address all possible conditions. References are to the 2012 International Codes (R = Residential, B = Building, M = Mechanical, FG = Fuel Gas, F = Fire), 1997 Illinois Accessibility Code (IAC), 2011 National Electric Code (NEC), 2014 Illinois State Plumbing Code (ISPC), 2015 International Energy Conservation Code as amended by the State of Illinois (IECC), 2014 Will County Building Ordinance (WCBO).

**The Land Use Department requests that inspections be requested 48-hours in advance.
Please verify the following before scheduling for inspection:**

1. The building permit or copy thereof shall be kept on the site of the work conspicuously posted and visible from the public right-of-way. (*WCBO 150.008-E-4*)
2. Approved plans must be on site for all inspections. (*WCBO 150.031-G*)
3. Safe access (ladder or temporary stairs) shall be provided as per OSHA rules and regulations. (*WCBO 150.008 -I*)
4. If individuals are present for the inspection, at least one of the individuals shall be over the age of 18. (*WCBO 150.008-I*)
5. Failed inspections shall be subject to re-inspection fees in accordance with Chapter 158 of the Will County Code of Ordinances.
6. All electrical wiring on load side of the meter shall be copper. Additional consideration may be given to aluminum service conductors on a case-by-case basis. In the circumstance that consideration is given to aluminum service conductors, aluminum service conductors shall not be located within any structure. (*WCBO 150.113-C*)
7. Electrical metallic tubing (thin wall) shall not be installed underground or within concrete. (*WCBO 150.113-D*)
8. PVC conduit may be installed at a minimum burial depth of 18 inches as long as rigid, intermediate or schedule 80 PVC conduit is installed at the point of entry and exit and shall extend to the burial depth. A separate grounding conductor shall be installed in the PVC conduit. (*NEC 352, Will County Building Code 150.113-E*)
9. Underground service conductors that are not encased in concrete shall have their location identified by a warning ribbon that is placed in the trench at least 12 inches above the underground installation. (*NEC 300.5-D-3*)

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INSPECTION NOTES

Date:

Time:

Permit Number:

Inspection:

Inspector:

Result: