



WILL COUNTY LAND USE DEPARTMENT

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

815/727-8634 • Fax: 815/727-8638

FOOTING BEFORE POUR 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. Porch footings shall contain drain tile sleeves in footings to allow drain tile to be placed adjacent to the basement or crawl. (*R405.1*)
7. Bottom of footings, shall be not less than three feet, six inches (3'6") below finished grade, except where placed on verified, solid bed rock. Minimum size of footings shall be 10" x 20" with standard "keyway", or as approved by the building official. (*WCBO 150.051-D*)
8. All new detached structures one thousand (1,000) square feet area or less shall have a minimum 18" (12" below and 6" above) deep by 12" wide trench footing (thickened edge). A minimum 4" slab included in the 18" thickness shall be placed over a compacted 4" stone base. Detached structures having more than one level may require a foundation design by a licensed design professional. A monolithic pour is permitted when pouring trench footings. The interior slab must comply with interior slab at grade before pour inspection requirements. (*WCBO 150.051-L*)
9. All columns supporting beams must bear centrally on a minimum 36" x 36" x 12" deep concrete pier footing. Rivet, weld or bolt top of steel column to steel girders (or lag screw to wood girders) and anchor bottom by bolts or embed in concrete. Column footings shall be protected from frost. (*WCBO 150.051-H*)
10. For masonry fireplaces, footings shall be constructed of concrete or solid masonry block at least 12 inches thick and shall extend at least 6 inches beyond the face of the fireplace or foundation wall on all sides. (*R1001.2*)
11. A grounding electrode shall be a minimum of 20 feet or more of #4 rebar or 4AWG bare copper conductor encased in a minimum of 2 inches of concrete installed horizontally located within and the near the bottom of the footing that is in direct contact with the earth. (*WCBO 150.113-G; NEC 250.50; NEC 250.68-B*)
12. The top surface of footings shall be level. The bottom surface of footings shall not have a slope exceeding one unit vertical in 10 units horizontal. Footings shall be stepped where it is necessary. A tolerance of no more than 12 inches is allowed when footings are stepped. (*R403.1.5*)

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13. If indicated on approved plans, rebar shall be installed.
14. Codified dimensions are minimum standards. All dimensions shall comply with approved plans.
15. Area of excavation shall be dry and debris free. Pumps shall be on-site when water is observed. When questionable soil conditions are found, the building official shall determine whether to require a soil test to determine the soil's characteristics. The test shall be performed by an approved agency. (*R401.4*)
16. Footings can be poured when the temperature is 20 degrees Fahrenheit or above, however the following precautions must be adhered to: When temperature falls below 40 degrees Fahrenheit, ACI 318 cold weather requirements shall be followed. (*WCBO 150.050-A*)
17. Concrete shall be maintained at a temperature of not less than 50 degrees Fahrenheit for a minimum of three (3) consecutive days after placement of concrete. (*WCBO 150.050-A*)
18. Insulated blankets must protect the concrete and forms left in place during the three day period. (*WCBO 150.050-A*)
19. The excavation shall not be left open more than 24-hours. Protection must be provided to keep soil from freezing with insulation blankets. (*WCBO 150.050-A*)

INSPECTION NOTES

Date:

Time:

Permit Number:

Inspection:

Inspector:

Result: