

**Grundy County  
Administration Building  
Land Use Department  
1320 Union Street  
Morris, IL 60450  
(815) 941-3229  
(815) 941-3432 (fax)**



3/5/2017

TO: Grundy County General Contractors

FROM: Heidi H. Miller; Director  
Bob Pazely; Building and Zoning Inspector

RE: New 2015 International Building Code, 2014 NEC, and IL Energy

Grundy County has adopted for the 2017 Construction Year the following codes:

**2015** International Building Codes and adopted appendix referenced codes  
**2015** International Residential Code and adopted appendix referenced codes  
**2014** National Electric Code  
**Current** Illinois State Energy Code  
**Current** Illinois State Plumbing Code with amendments

The following are some highlighted changes that we felt you should be aware of:

- 302 Stair protection – All stairs shall have ½” gypsum drywall installed under the stairs where storage is used or intended.
- 401.4 – Provide soil test prior to the footing inspection to ensure correct bearing capacity.
- 405.1 – Foundation Drainage – All perimeter drains for footings shall be sleeved with a filter and have 6 inches of ca-6 stone above and bedded with 4” stone below drain.
- 408.3 Crawl Space unvented – Class I vapor retarder lapped 6” and extended 6” up wall with all seams taped. Or
- Provide conditioned air supply including supply/return and install mud sill 2 inches concrete over 6 mil visqueen.
- 802.11.1.1 – Trusses need tornado clips on all trusses installed
- 905.1.2 – Ice and water reinspection are required for all habitable buildings.3608.1.2 Concrete encased electrode for grounding. Ground for pedestal either 20 foot #4 rebar or ½” rebar or #4 bare wire in 20’ lengths. This type of grounding for the pedestal is referred to as a VFer ground. Ground rods will not be required when VFer ground method is used. ComEd may still require copper rod grounding.
- 3703.2 – Laundry circuit – 20 AMP circuit

- 3703.4 – Bathroom circuit – 20 AMP circuit
- 3902.10 – Dishwasher – Outlet dedicated for the dishwasher shall be a gfci outlet.
- 3902.16 – Arc Fault Receptacles – Required in all bedrooms, living rooms, dining rooms, hallways, laundry areas, bath lighting and smoke detectors.
- 4002.8- Damp locations – Receptacles marked WR- weather resistant
- 4002.14 – Tamper resistant receptacles – All receptacles 5'-6" and lower from the floor
- Part of an appliance or luminaire
- Single receptacle for single appliance

Energy Efficient:

1103.7 – Provide manual J for heating and cooling equipment sizing prior to issuing permit.

1101.14 – Provide certificate of energy efficiency in all panel boxes. This will fail the final inspection if not adhered to the panel box at the time of the final inspection.

1101.10.1 – Provide R-value markers and certificates in attic for all blown in insulation at the time of final inspection. Failure to provide to either the building inspector or the director of Land Use will delay occupancy.

1103.3.3 – Duct test for supply and returns not within the building thermal envelope. Test results need to be provided to either the Building Inspector at the time of Rough inspection or to the Land Use Director.

1103.6 – Provide mechanical ventilation that meets requirements of Section M1507 such that when the unit is not running the gravity damper closes.

102.4 – Provide air leakage test (blower door testing) not to exceed 5 air changes per hour (Section 1102.4.1.2 Testing)

102.4.5 – All recessed lighting to be gasketed.

1103.1.1 – All thermostats shall be programmable.

1103.3.5 – Stud cavities shall not be used for either return or supply air.

1108.1 – Provide ERI Energy Rating Index (55 for climate zone 5)

1102.2.3 Provide eave baffles.

1102.2.4 – Attic access door needs to weather striped and installed such that a weather tight seal when closed. Insulation shall be provided about the access panel.

Please let us know if you have further questions on the adoptions, or changes that will be inspected in the field. Bob and I are happy to assist you such that the code update transition is easy for the architect, plan review, contractor, inspector, and homeowners.

Thank you!