



Village of Clarendon Hills International Residential Code Amendments

(Single-Family and Two-Family Residential Only)

AMENDMENTS TO INTERNATIONAL RESIDENTIAL CODE: The International Residential Code 2006, as adopted, effective January 1, 2007, is revised and amended as follows:

- (1) Section R101.1. Insert. - “Village of Clarendon Hills”
- (2) Section R105.2 Work exempt from permit. - Delete the following items listed under Building: 1, 3, 5, and 7.
- (3) Section R108.5. Refunds. - Delete subsection.
- (4) Section R112: Board of Appeals. - Delete entire section.
- (5) Table R301.2(1). Climatic and Geographic Design Criteria. - Shall be amended by inserting the following:

For Ground Snow Load. Insert: “25”

For Wind Speed. Insert: “90”

For Seismic Design Category. Insert: “17%”

For Weathering. Insert: “severe”

For Frost Line Depth. Insert: “42”

For Termite. Insert: “moderate to heavy”

For Winter Design Temperature. Insert: “0° F”

For Ice Barrier Underlayment. Insert: “YES”

For Flood Hazards. Insert: “12-16-2004”

For Air Freezing Index. Insert: “1500”

For Mean Annual Air Temperature. Insert: “50° F”
- (6) Section R309.1. Opening Protection. - Add: “Doors must be equipped with self-closing devices.”
- (7) Section R309.2. Separation required. - Replace all three occurrences of the term “1/2-inch” with the term “5/8-inch”.

- (8) Section R309.3. Floor Surface. - Add: “If door opening occurs between garage and dwelling, provide a 4” curb or step at the service door, or construct garage floor at least 4” lower than adjoining dwelling floor.”
- (9) Section R310.4. Bars, grilles, covers and screens. - Replace the word “permitted” with the word “required”.
- (10) Section R401.1. Application. Delete the following sentence “Wood foundations shall be designed and installed in accordance with AF&PA Report No. 7.” and all subsequent text in the section.
- (11) Section R402.1. Wood foundations. - Delete entire section.
- (12) Section R403.2. Footings for wood foundations. - Delete entire section.
- (13) Section R404.2. Wood foundation walls. - Delete entire section.
- (14) Section R405.2. Wood foundations. - Delete entire section.
- (15) Section R503.3. Particleboard. - Replace the section in its entirety with the following:

“R503.3 Prohibited wood structural panels. The following types of wood structural panels are prohibited for use as floor sheathing: oriented strand board (OSB), hardboard, particleboard, and wafer board.”
- (16) Section R506.1. General. - Replace the phrase “3.5 inches (89 mm) thick” with the phrase “4 inches (102 mm) thick, except that garage floor slabs shall be a minimum of 5 inches (127 mm) thick”.
- (17) Section R506. Concrete Floors (on ground). - Add new subsection R506.1.1 as follows:

“R506.1.1 Detached Garage Slabs. Floating detached garage slabs shall be 5 inches (127 mm) thick, reinforced with wire mesh, and thickened to a depth of 10 inches (254 mm) for a width of 20 inches (508 mm) around the perimeter of the slab.”
- (18) Section R803.2. Wood structural panel sheathing. - Add a new section R803.2.4 to read as follows:

“R803.2.4 Prohibited wood structural panels. The following types of wood structural panels are prohibited for use as roof sheathing: oriented strand board (OSB), hardboard, particleboard, and wafer board.”
- (19) Section R903.4. Roof drainage. - Add new subsection R903.4.2 to read as follows:

“R903.4.2 Gutters and downspouts. All roofs shall be drained using gutters and downspouts, unless alternative method is approved by the Building Official.”

(20) Section R905.7: Wood Shingles. - Add a new subsection R905.7.8 to read as follows:

“R905.7.8 Additional requirements. All wood shingles must also comply with the following requirements:

1. Must be fire retardant treated and labeled by the Board of National Fire Underwriters.
2. They may only be installed on buildings of not more than three (3) stories and not more than forty feet (40') in height.
3. The wood shingles shall be backed up with non-combustible materials or fire retardant treated plywood.
4. If used on an exterior wall surface, the wood shingles shall cover no more than twenty percent (20%) of that wall area.”

(21) Section R905.8: Wood Shakes. - Add a new subsection R905.8.10 to read as follows:

“R905.8.10 Additional requirements. All wood shakes must also comply with the following requirements:

1. Must be fire retardant treated and labeled by the Board of National Fire Underwriters.
2. They may only be installed on buildings of not more than three (3) stories and not more than forty feet (40') in height.
3. The wood shakes shall be backed up with non-combustible materials or fire retardant treated plywood.
4. If used on an exterior wall surface, the wood shakes shall cover no more than twenty percent (20%) of that wall area.”

(22) Section R1004.4. Unvented gas log heaters. - Replace the section in its entirety with the following: “Unvented gas log heaters are not permitted.”

(23) Section R1006.1. Exterior air. - Add a new subsection R1006.1.3 to read as follows:

“R1006.1.3 Ventless and vent-free fireplaces. Ventless and vent-free fireplaces are prohibited.”

(24) Section M1305.1.3. Appliances in attics. - Add new subsection M1305.1.3.2 to read as follows:

“M1305.1.3.2 Enclosure and venting. Heat producing appliances installed in attic spaces shall be enclosed within a room sheathed with 5/8 inch drywall that provides

adequate access and space for maintenance and allows sufficient intake of combustion air. The door shall be a 1 3/8" thick solid core wood or 20 minute fire rated door, with an automatic closer."

- (25) Section M1601.4. Under-floor plenums. –Add: "Joist and wall spaces shall not be permitted for uses as a supply plenum. Supply plenums must be a closed system."
- (26) Section M1612.3. - Insert for name of jurisdiction: "DuPage County, Illinois and Incorporated Areas"
- (27) Section M1612.3. - Insert for date of issuance: "December 16, 2004"
- (28) Appendix G. Section AG101.1. General. – Add: "If the provisions of Appendix G, as adopted, conflict with or contravene any provision of Chapter 26 of the Village Code, the more demanding provision shall control."

Any questions concerning the local amendments and/or the International Residential Code can be directed to the Community Development Department at (630) 286-5410