



VILLAGE OF ALGONQUIN

COMMUNITY DEVELOPMENT

2200 Harnish Drive

Algonquin, IL 60102

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The following codes are adopted in the Village of Algonquin for residential* construction:

2006 International Residential Code (IRC)

2002 National Electrical Code (NEC)

2014 Illinois Plumbing Code (ILPC)

2015 Illinois Energy Conservation Code (ILECC)

Village of Algonquin Building Code Amendments Chapter 23

* residential construction as defined in 2006 IRC Section R101.2



Plan Submittal Requirements for New Single-Family Dwellings

- 1) Submit three (3) sets of complete plans drawn to scale with sufficient clarity, details and dimensions to show the nature and extent of the work proposed:
 - a) Plat of survey/site plan^a drawn to scale showing distances to lot lines for all new construction and all existing buildings. Plan shall show proposed top of foundation elevations, adjoining grade elevations, easements, and driveway/approach/sidewalk(s).
 - b) Building architectural/structural plans^b to include:
 - i) Local design load criteria, including frost depth.
 - ii) Material specifications, lumber species and grade, etc.
 - iii) Fully dimensioned plan view showing room sizes.
 - iv) Fully dimensioned elevation views all sides.
 - v) Floor framing plan and details^c.
 - vi) Roof/ceiling framing plan and details^c.
 - vii) Glazing materials.
 - viii) Attached garage separation.
 - ix) Stair details.
 - x) Emergency egress opening locations and details.
 - xi) Smoke alarm locations and power supply.
 - xii) Carbon monoxide alarm locations.
 - xiii) Interior finish material details.
 - xiv) Dwelling unit separation (as applicable).
 - xv) Details of footings and foundation including radon mitigation.
 - xvi) Roof covering materials.
 - xvii) Attic/crawl space ventilation, including sizes and location.
 - xviii) Chimney/fireplace details.
 - xix) Mechanical plans, materials, and installation details including a completed Manual J.
 - xx) Plumbing plans, materials, and installation details including schematic.
 - xxi) Electrical plans, materials, and installation details including size and location of service.
- 2) If not following the prescriptive path, submit two (2) complete copies of energy conservation calculations (ie ResCheck, REMrate, etc) signed by the design professional or certified energy rater.

NOTES:

- a. Plats of survey shall be sealed and signed by an Illinois licensed land surveyor or professional engineer.
- b. Building plans shall be sealed and signed by an Illinois licensed architect or structural engineer.
- c. The use of engineered floor and/or roof systems such as trusses and/or I-joists, or other engineered system other than conventional framing will require the submittal of two (2) copies of plans, layouts and details including permanent bracing details prior to construction for review. Plans shall be sealed and signed by an Illinois licensed architect or structural engineer. SALES DRAWINGS WILL NOT BE ACCEPTED. Calculations proving adequacy of design may be requested for unusual or unconventional designs or where adequacy of the design cannot be verified by conventional methods.
- d. Site engineering plans may be requested based on the location of the project.