



What to Submit

*Completed application.

*Provide a complete detailed electric layout, include:

- Lighting details (interior and exterior if applicable)
- Outlet details: GFCI Protected within 36" from edge of each lavatory basin.
- Exhaust Fan: must discharge to the exterior of the house.

*Provide three sets of complete construction documents. Provide detailed measurements and a detail of the proposed materials used

- Wall design, include insulation
- HVAC design, if applicable
- Plumbing detail, if applicable

Bathroom Guideline

(Disclaimer: This guide may not be all inclusive, additional regulations may apply)

Rules & Restrictions

Illinois Environmental Protection Act:

"Beginning April 2010, federal law will require contractors that disturb lead-based paint in homes, child care facilities and school, built before 1978 to be certified and follow specific work practices to prevent lead contamination. Therefore beginning in April 2010, ask to see your contractor's certification."

Building

Structure requires plans to be signed and stamped by an Illinois State Licensed Architect or Structural Engineer (IRC 106.1)

All drywall everywhere to be a minimum of 5/8th drywall (City Amendment)

All wall framing shall be 16 on center. (City Amendment)

Energy

The established climate zone is ZONE 5. See IECC table R402.

Unless performance-based, construction shall follow the prescriptive:

- Windows shall have a U.32 insulation value
- Slabs shall have an R10, 2ft insulation value
- Crawlspaces shall have an R-15/19 insulation value
- Floors shall have an R-49 insulation value
- Walls shall have an R-20 or -13 continuous on the interior or exterior with a plus R-5 continuous on the exterior or interior of the home
- Ducts shall be insulated to a minimum of R-8 in unconditioned attics (R403.2)

Heated water pipes shall be insulated.

- Provide the proposed R-value based upon pipe size. (R403.4.2)
- A circulating water system shall have an on/off switch.

Plumbing

(Illinois State Plumbing Code, www.idph.state.il.us) Municipal Code, & MWRD)

New water services connected to the City system requires an RPZ

Each new residential sprinkler system fire and or lawn requires a back flow device

ALTERATION/ADDITIONAL PLUMBING: Clarify/confirm the sizing of the existing vent and/or drain and how it will handle the increased demands/capacity on the existing pipe

Confirm/clarify – All copper above ground shall be L copper

Department of Building & Development

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I have read and reviewed these requirements.

Signature of Applicant

Date