

COUNTY OF KANE

DEVELOPMENT DEPARTMENT
Building and Community Services Division
Mark D. VanKerkhoff, AIA Director



County Government Center
719 Batavia Avenue
Geneva, Illinois 60134
Phone: (630) 232-3485
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Website: www.co.kane.il.us

RESIDENTIAL INTERIOR REMODEL INFORMATION PACKET

**THIS PACKET CONTAINS INFORMATION REGARDING ITEMS THAT NEED TO BE SUBMITTED
AT THE TIME OF APPLICATION FOR RESIDENTIAL INTERIOR REMODELING
AND OTHER RELATED INFORMATION**

REQUIRED SUBMITTALS AT TIME OF APPLICATION:

- Building Permit Application
- 2 complete sets of building plans

ADDITIONAL INFORMATION FOR YOUR REFERENCE (enclosed):

- Building Permit Fee Schedule
- Interior Remodeling Plan Requirements
- Basement Remodeling Plan Requirements
- Plan Examination and Code Compliance Sheet
- Building Plan Revisions
- Residential Design Criteria
- Smoke Alarm Requirements

NOTE: Copies of the current Building Regulations are available upon request in our office or on the Kane County Website at countyofkane.org

County of Kane

CHAPTER 6, BUILDINGS AND BUILDING REGULATIONS, OF THE KANE COUNTY CODE

ARTICLE IV. FEES – *Effective January 1, 2019*

6-12: FEE SCHEDULE:

The following fee schedule shall be applicable to this chapter:

A. Residential Construction (Not over 2 Single-Family Dwelling Units):

1. New construction, including wiring, plumbing and water supply:

a. Seventy-five dollars (\$75.00) per one hundred (100) square feet, or portion thereof, of overall area of each floor aboveground, and basement area, three thousand dollars (\$3,000.00) minimum fee;

b. Thirty dollars (\$30.00) per one hundred (100) square feet, or portion thereof, of overall crawl space, three hundred (\$300.00) minimum fee.

2. For additions, incidental or accessory buildings and/or structures including wiring and plumbing:

a. Seventy-five dollars (\$75.00) per one hundred (100) square feet, or portion thereof, of each floor and basement, and crawl space, three hundred dollars (\$300.00) minimum fee;

b. For an accessory building less than two hundred (200) square feet in area, two hundred fifty (\$250.00);

c. For accessory buildings two hundred (200) square feet or greater in area, seventy-five dollars (\$75.00) per one hundred (100) square feet, or portion thereof, three hundred dollars (\$300.00) minimum fee.

3. Alterations, remodeling, reroofing, siding or replacing steps not including any addition to existing building which will add to the ground area thereof:

a. One thousand dollars (\$1,000.00) or less of estimated cost, one hundred dollars (\$100.00);

b. Each additional one thousand dollars (\$1,000.00) of estimated cost or portion thereof, ten dollars (\$10.00).

B. All Other Construction:

1. New construction and additions, including wiring, plumbing and water supply:

- a. One hundred dollars (\$100.00) per one hundred (100) square feet or portion thereof, of overall area of each floor above ground, three thousand dollars (\$3,000.00) minimum fee;
- b. One hundred dollars (\$100.00), or portion thereof, of overall basement and crawl space, three thousand dollars (\$3,000.00) minimum fee.

2. Alterations, remodeling, reroofing, siding or replacing steps, not including any addition to existing building which will add to the ground area thereof:

- a. Less than one thousand dollars (\$1,000.00) or less of estimated cost, one hundred dollars (\$100.00);
- b. Each additional one thousand dollars (\$1,000.00) of estimated cost or portion thereof, ten dollars (\$10.00).

C. Towers Including Associated Equipment Structures:

- 1. New towers, thirty dollars (\$30.00) per each foot of tower height.
- 2. Collocation of antennas on existing towers or structures, one thousand five hundred dollars (\$1,500.00).

D. Electrical Work:

- 1. Electrical service upgrade for residential use, one hundred fifty dollars (\$150.00);
- 2. Electrical service upgrade for nonresidential use, three hundred dollars (\$300.00).

E. Miscellaneous:

1. Moving, raising, shoring or underpinning of structures:

- a. Less than one thousand (1,000) square feet ground floor area (outside measurements), five hundred dollars (\$500.00);
- b. One thousand (1,000) square feet ground floor area or over (outside measurements), one thousand two hundred dollars (\$1,200.00);
- c. Foundation, thirty dollars (\$30.00) per one hundred (100) square feet, or portion thereof, of overall unfinished basement area and crawl space, three hundred dollars (\$300.00) minimum fee plus a plan examination fee that shall be set according to subsection G of this section.

F. Demolition:

1. Building under five hundred (500) square feet, two hundred fifty dollars (\$250.00);
2. Building five hundred (500) square feet or over, five hundred dollars (\$500.00);
3. Residential or commercial building, seven hundred fifty dollars (\$750.00).

G. Plan Examination (Nonrefundable):

1. Building under two hundred (200) square feet, no fee;
2. Buildings two hundred (200) square feet or over, and all other permits except for swimming pools, twenty five percent (25%) of building fee (to nearest dollar).
3. Minimum fee, one hundred dollars (\$100.00).
4. Reexamination of changes to approved plans after a permit has been issued, fifty dollars (\$50.00) per hour of plan review time, fifty dollars (\$50.00) minimum fee, plus additional building fee if square foot area is increased.

H. Swimming Pool:

1. Above ground pool, two hundred fifty dollars (\$250.00).
2. In ground pool, five hundred dollars (\$500.00).

I. Fences:

1. A fence which cannot be viewed through, one hundred dollars (\$100.00).

J. Advertising Signs and Billboards:

1. Fee shall be three hundred fifty dollars (\$350.00).

K. Permit Extension:

1. To extend a permit, the fee shall be one hundred fifty dollars (\$150.00).

L. Assessment of Damage Due To Fire, Wind, Flood Or From Prolonged Periods of Vacancy and Neglect:

1. A minimum fee of two hundred fifty (\$250.00) for the initial assessment of damage. Additional fees shall apply as required by the type of repair, alteration or reconstruction of the damaged building. Additional permits and subsequent fees may be required.

M. Inspection Fees: An inspection fee of one hundred dollars (\$100.00) shall be paid prior to scheduling additional inspections, necessitated by any of the following conditions:

1. All second re-inspections (third time to project site) and subsequent re-inspections.
2. When the construction work to be inspected was incomplete at the time the building inspector arrived at the construction site for a scheduled inspection and the holder of the building permit failed to provide reasonable notice to cancel said scheduled inspection.
3. One or more required inspections were not inspected, and a resolution is approved per the policy for missed inspections.

N. Construction, Alteration, Or Addition Made For Any Public Or Governmental Body: Whenever the construction, alteration or addition is being made for any public or governmental body, there shall be no charge made for any permit issued or any service in connection therewith.

O. Construction, Alteration Or Addition Made For Religious, Educational Or Charitable Purposes: Whenever the construction, alteration or addition is being made for religious, educational or charitable purposes, the maximum fee for each permit issued and for all services in connection therewith shall be two thousand dollars (\$2,000.00).

P. Work Started Before Obtaining A Permit: Where work for which a permit is required by this chapter is started or proceeded with, prior to obtaining said permit, the fees above specified shall be increased by one hundred percent (100%). The payment of such additional fee shall not relieve any persons from fully complying with the requirements of this chapter, in the execution of the work, nor from any other penalties prescribed herein.

Q. Agricultural Exemption Setback Permit Fees: A permit shall be required for agriculturally exempt buildings strictly for the purpose of determining conformance with building setback lines as allowed in 55 Illinois Compiled Statutes 5/5-12001. Such fee shall be two hundred fifty dollars (\$250.00).

R. Permit Or Permit Application Cancellation:

1. A permit application will be considered canceled when the applicant fails to provide requested information that the minimum code requirements have been met within six (6) months from the date of application. The applicant will owe the plan examination fee plus twenty five percent (25%) of the total building fee.
2. When a permit has already been issued, an applicant may only cancel, in writing, within six (6) months of the date of issuance of such permit, if no construction has commenced. The applicant will receive a refund of seventy five percent (75%) of the building permit fee less the plan examination fee and any fees assessed by other departments. If no inspections are scheduled within six (6) months of date of issuance, the permit will be canceled and the entire building fee forfeited.

S. Temporary Structures and Uses:

1. Mobile modular offices and trailers, two hundred fifty dollars (\$250.00) each.
2. Tents, one hundred dollars (\$100.00) each.
3. Structures under roof but not enclosed, one hundred dollars (\$100.00) each.
4. Stages, platforms and band shells, five hundred dollars (\$500.00) each.
5. Bleachers and elevated spectator areas, five hundred dollars (\$500.00) each.
6. Elevated structures for judges, officials, referees, and/or print, radio or television media, one hundred dollars (\$100.00) each.
7. Pedestrian walkways over roads, creeks, or other obstacles, one thousand dollars (\$1,000.00) each.
8. Permits for events with multiple temporary structures and uses will be permitted by structure type and/or vendor and may be reduced, if requested in writing, up to fifty percent (50%) to account for multiple structures on the same site.
9. Inspection fees in accordance with subsection M of this section shall apply.
10. Review of plans are included in the above fees.

T. Establishment of Use for a new business or a change of use in an existing building or space: Five hundred dollars (\$500.00).

U. Solar Equipment Installations:

1. Residential:
 - a. 0-10 kw Two hundred fifty dollars (\$250.00)
 - b. Over 10 kw Five hundred dollars (\$500.00)
2. Non-Residential:
 - a. 0-100 kw Six hundred dollars (\$600.00)
 - b. 101-500 kw One thousand dollars (\$1,000.00)
 - c. 501-1MW Three thousand dollars (\$3,000.00)
 - d. 1MW-2MW Six thousand dollars (\$6,000.00)
 - e. over 2MW Six thousand dollars (\$6,000.00) plus two hundred dollars (\$200) for each additional 100 kw or \$2000 per MW

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Smoke Alarm Requirements For Alteration, Repairs and Additions

Section R314 (*As Amended by Kane County)

R314.3 Smoke Alarms Per 2012 International Residential Code

R314.3 Locations. Smoke alarms shall be installed in the following locations:

1. In each sleeping room.
- *2. Outside each separate sleeping area within 15 feet of every room used for sleeping purposed per 425 ILCS 60, Smoke Detector Act.
3. On each additional story of the dwelling, including basement and habitable attics but not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without and intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.

R314.3.1 Alteration, repairs and additions. When alterations, repairs or additions requiring a permit occur, or when one or more sleeping rooms are added or created in existing dwellings, the individual dwelling unit shall be equipped with smoke alarms located as required for new dwellings.

Exceptions

1. **Work involving the exterior surfaces of dwellings, such as the replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck, are exempt from the requirements of this section.**
2. **Installation, alteration or repairs of plumbing or mechanical systems are exempt from the requirements of this section.**

R314.4 Power source. Smoke alarms shall receive their primary power from the building wiring when such wiring is served from a commercial source, and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection.

Exceptions:

1. **Smoke alarms shall be permitted to be battery operated when installed in buildings without commercial power.**
2. **Hard wiring of smoke alarms in existing area shall not be required where alterations or repairs do not result in the removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available which could proved access for interconnection without the removal of interior finishes.**

R314.5 Interconnection. When more than one smoke alarm is required to be installed within an individual dwelling unit in accordance with R314.3, the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual unit. Physical interconnection of smoke alarms shall not be required where listed wireless alarms are installed and all alarms sound upon activation of one alarm.

Exceptions:

Interconnection of smoke alarms in existing area shall not be required where the alterations or repairs do not result in the removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available which could proved access for hard wiring without the removal of interior finishes.

NOTE: The alarms shall be clearly audible in all bed rooms over background noise levels with all intervening door closed. All smoke alarms shall be listed and installed in accordance with the provision of this code and the household fire warning equipment provisions of NFPA 72.

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INTERIOR REMODELING PLAN REQUIREMENTS

1. Two (2) sets of complete building plans, drawn 1/4" at 1'-0 scale.
(Freehand drawings will not be accepted)
2. The building plans must contain the following:
 1. A dimensioned floor plan of the existing area to be remodeled. See additional information in Finished Basement Requirements Handout.
 2. The new-dimensioned floor plan showing the proposed changes. Show the location of the walls, doors and windows, electrical devices, fixtures, smoke detectors, furnaces and water heater etc. and label them as "new" or "existing." For basement areas show the location of the sump pits, utility sinks and any other fixed equipment. Show all the structural components include size and "on center" spacing. For trussed roofs, floors and I-joists provide layouts for these systems. See additional information in Finished Basement Requirements Handout.
 3. Show all the structural support elements at the locations used such as the headers over the doors and windows, beams over open spaces and long spans. These components must support all imposed loads. Conformation from an Illinois registered Architect or Structural Engineer may be required. See additional information in Finished Basement Requirements Handout.
 4. Fill out those portions of the design criteria block sheet that applies to your project and attached this to your plan set plan set.
 5. If the remodeling is above existing floors provide a plan of the floors below showing what will support the new construction (see item 4 above).
 6. Changes to the existing basement stairs and stairways must conform to the current code (Exceptions to this rule may be considered on a case-by-case basis). See additional information in Finished Basement Requirements Handout.
 7. Every bedroom will require an escape window. See additional information in Finished Basement Requirements Handout.
 8. Smoke alarms requirements – Per 2012 IRC: Section R314 (As amended by Kane County) and Carbon Monoxide alarms requirements – Per 2012 IRC: Section R315 and the State of Illinois Carbon Monoxide Alarm Detector Act.

COUNTY OF KANE

FINISHED BASEMENT PLAN

REQUIRED INFORMATION

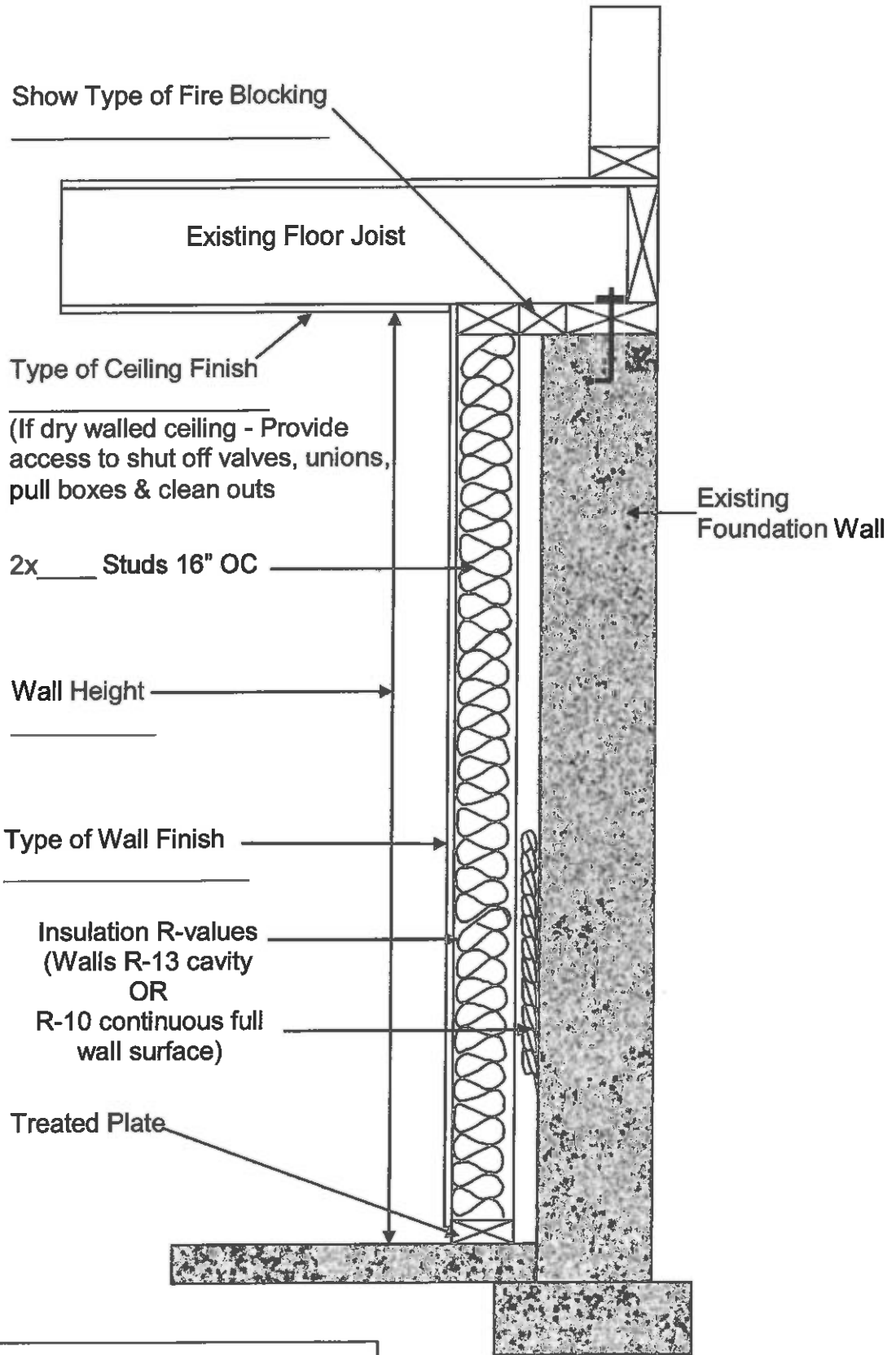
Show all applicable items on plan set.

Provide entire foundation plan even if only part of the basement is being finished.

Mark all locations of each item listed below and follow noted statements.

1. Two (2) sets of complete building plans, drawn ¼" at 1'-0 scale.
(Freehand drawings will not be accepted)
2. The building plans must contain the following:
 - 1) A complete floor plan showing existing and new. With all room dimension and door sizes and window locations – Including existing escape window location and sizes.
 - 2) A room with a closet is considered a sleeping area (bedroom), an egress window - minimum 5.7 sq ft, smoke alarm and arc fault circuits are required for this area or remove walls creating the closet from your plans.
 - 3) Basement floor drains – fixture location and locations of water heater, furnace, sump and ejector pit
 - 4) Insulation in framed walls against exterior foundation walls. Include type of insulation and "R13/10" value. Also show the location of the vapor barrier over the foundation wall or over insulation in framed wall on warm side.
 - 5) Grade and species of framing lumber. Note: Pressure treated lumber is required to be used as bottom wall plates in contact with concrete.
 - 6) Label each room as to it's intended use.
 - 7) Provide electrical layout for outlets, lighting, switches and exhaust fans.
 - 8) Smoke alarms requirements – Per 2012 IRC: Section R314 (As amended by Kane County) and Carbon Monoxide alarms requirements – Per 2012 IRC: Section R315 and the State of Illinois Carbon Monoxide Alarm Detector Act.
 - 9) Electrical distribution panel (fuse panel) Note: A 30"x 36" clear opening is required in front of this panel. Do not install the panel inside a closet.
 - 10) Fireplace location; show changes or add comment existing
 - 11) Show any structural components that are changing such as: steel or wood beams, support columns that are cut or changed in any way and exterior walls (in "look-out or "walk-out" basements) that have opening changed or added. Include header sizes.
 - 12) Stairway location; show if stairs are to remain the same (add comment) or show changes to occur.
 - 13) Show that "combustion make-up air" for gas fired equipment is provided in confined spaces.
 - 14) Note: Provide a detail of how the framed walls are constructed against existing foundation wall, including wall finishes and ceiling height. Fire blocking is required at all wall cavities leading into floor joist spaces and soffit areas. Show fire blocking location on detail.
 - 15) Basement ceiling that are going to be dry walled – Provide access to shut off valves and unions (gas), pull boxes (electric), clean outs (plumbing) also show all location on approved plans.

Finished Basement Wall Section



All Glazing to Follow R 308 of the 2012 IRC

KANE COUNTY
PLAN EXAMINATION & CODE COMPLIANCE WORKSHEET
2012 IRC CODE AS AMENDED BY KANE COUNTY (Effective 1/16)

Please review your plans before you submit them for a building permit.
The following items should be noted on the building plans in the appropriate locations

Do not use any form of a schedule for code and structural items.

These items are to be noted at their appropriate locations.

<u>CODE</u>	<u>DESCRIPTION</u>
I. FOUNDATION PRINT	
R 408	Crawl space vents/heated with return air allowance
R 408 (Amended)	Access to crawl size/location (Min. 24"x 30")
R 408 (Amended)	4" Gravel over vapor barrier in crawl space
R 310 (Amended)	Basement Emergency escape & rescue opening (in sq. ft. net clear opening with sill height) well size (9 sq. ft. min.) & location ladder (Note: A removable sash does not meet code requirements).
State of IL Plmg Code	Basement floor drain – to sanitary sewer
R 407	Column size
R 403	Column footings – size and thickness
R 1003	Fireplace footing 12" thick - project 6" all sides
R 311	Landings at doors – required at exit door and where there are more than 2 risers
R 408	Crawl height (24" min.- 48" max.)
II. CROSS SECTION	
Table R 404.1.1(1-4)	Foundation walls
R 403 (Amended)	Footing min 42" below grade Table R 301.2(1)
R 405	Drain tile, filter membrane & washed stone crawl space/basement - 6" of washed stone over tile and 2" under tile – stone shall be covered with a filter membrane.
R 403 (Amended)	Footing size
R 403	½" Anchor bolts - 6'oc max - 7" into concrete
R 406	Damp proofing foundation walls
R 503	Deck sheathing - thickness of APA rated sheathing - osb or plywood
R 602	Exterior walls & bearing partition framing - max 10'0" for 2x4 studs – stud size & spacing
2015 IECC	Insulation R value (flat ceiling R 49 – cathedral ceiling R 30 with 1" airspace above – walls R
State of Il (1/2016)	20 - floors R 30 – crawl R 15/19 - basement walls R 10/13 - min R 10/15 heated slab perimeter insulation at walkout foundation walls OR at application energy performance program.
R 702.7	Vapor barrier (wall - ceiling) – Climate Zone 5
R 806	Roof vents & eave vents - size and spacing per code requirements
R 305	Ceiling heights - at all levels
R 404	Foundation wall 6" min over finished grade
R 703	Stone/Brick veneer - air space - metal ties - base flashing - weep holes
Table R 602.10	Wall bracing-required on all corners and at 20' intervals with sealed air barrier. Fig. R 602.10.2.2
R 803	Roof sheathing - thickness of APA rated sheathing - osb or plywood
R 905	Roof covering & weights - shingles & felt - ice shield underlayment (eave to 24" horizontal past interior side of exterior wall).
R 703	Siding thickness and type
R 318	Provide termite protection per 2012 IRC - Identify or detail type on wall section or foundation plan sheet.
III. FLOOR PLANS	
R 314(Amended)	Smoke Alarms req'd in all sleeping rooms and at all floor levels - mark locations: 110 v interconnected - within 15' of each sleeping area door on hall side of door.
R 315	CO Detectors per 2012 IRC and the State of Illinois Carbon Monoxide Detector Act.
R 308	Glazing requirements - add note to plans : All glazing to follow R 308 of the 2012 IRC as required
R 303	Glass sizes - mark at all window locations
R 310 (Amended)	Mark egress window – mark egress window locations and sizes in sq. ft. on floor plans
Chapter 15	Exhaust fan - bathroom - kitchens
R 303	Stairway illumination
R 311	Handrail detail 34-38" with spindle spacing / Guard detail - 36" high – with spindle space. Stair detail rise (max. 7 ¾") and run (min. 10" nose to nose) also show nosing profile of not less than ¾" but not more than 1 ¼".
R 312	Window fall protection - add note to plans: All windows to follow R 312.2 of the 2012 IRC as required
Table R 1001.10	Hearth extension - min 16" to front & 8" to sides of fireplace opening - if opening is 6 sq. ft. or greater 20" to frt & 12" to sides

(OVER)

<u>CODE</u>	<u>DESCRIPTION</u>
R 703, R 1001, R 1004	Pre-Fab fireplace - list the type of face and hearth material and what supports each (if masonry, support on masonry or steel per archt/s.e. design)
R 807	Access to attic size/location - min 22" x 30"
R 302.5, 302.6	Fire resistant material - common walls to roof sheathing/common walls and ceiling. All walls, ceiling & steel (if living area above garage) solid core door (no glass) between house and garage
E 3902	2012 IRC - GFCI: all outlets (bathroom-exterior-garage-kitchen) basement minimum of one (typical for all)[use single dedicated outlets for sump/furnace not GFI]- mark whirlpool location: follow 2012 IRC .
E 3902	Include note on floor plans or electrical sheet "Arc fault protection (AFCI) - all circuit supplying 120-volt, single phase, 15 and 20 amp outlets - per 2012 IRC."

IV. ELEVATIONS

R 106, 202	Include grade & foundation design - all elevations – DEFINITION: STORY ABOVE GRADE PLANE
R 1001,G 2427 & 2428	Chimney - 2' over highest structural point w/ 10'- Include termination vents for gas equipment

An Illinois Registered Architect/Structural Engineer may be required to check specific items in the following section and issue a letter with calculations.

V. STRUCTURAL

R 403	Column footing - base on psf soil capacity
R 403 & R 104	Column & Wall Footings – Verify Proper Sizing to Carry All Imposed Loads
R 106	Beams - not sufficient for spans indicated - See R 301, R 501, R 801
Table R 404.1.1 (1-4)	R 404 - Foundation Walls – Sealed Design – Include All Required Reinforcement
R 502, R 602, R 802	Show grade & species of lumber (floor and ceiling joists-headers-rafters-beams) at locations used. Specify manufacturer of specific floor I-joist or laminate header or beam product - furnish latest design data per manufacturer
R 502	Floor joist over-spanned
R 502 (Amended)	Lateral restraints at supports - bridging
R 502	Cantilever - construction detail of floor framing
R 106, R 301	Furnish detail sunken floor - at beam and wall
R 301, R 501	Double all joist under whirlpool (show at location joists are to be doubled)
Table R 502.5(1&2)	Header sizes at the location used - typical frame bearing headers
R 106, R 301, and R 501, R 801	Special headers that do not fit into circumstances shown in header tables – architect/structural engineer design
R 802	Ceiling joist over-spanned
R 301, R 802	Roof rafter over-spanned
R 502, R 802	Truss certificates and truss layouts to be submitted at time of application for permit (two copies of each stamped by the same State of IL licensed Structural Engineer) - architect/structural engineer to verify all truss supports and required tie-downs per his design in letter form
R 301	Cathedral ceiling - show ridge connection detail to prevent horizontal thrust and sliding of rafter and detail rafter tie downs- See footnote (a) on rafter span tables R 802.5.1(3)&(5)
R311,R317,R502,R507	Exterior deck detail (see attached sheet)
Ch.17 & 24, G 2407	Combustion air - appliances

ADDITIONAL ITEMS TO INCLUDE ON PLANS

Provide roof plan – show rafter size and spacing, the type of valleys (true or over-framing), what is supporting upper ends of true valleys and what is supporting lower rafters supporting over-framing.

Indicate the location/s of interior roof supports and what the supports are on the roof plan and floor plan.

Architect of record to review all truss reaction loads and truss layouts (both sealed by the same state of IL licensed structural engineer) and verify all bearing supports for the trusses are per his design (in letter form).

Detail the brick support at the following location/s.

Detail the tray ceiling framing in plan view and section view through the roof rafters at both ends of ceiling joists – showing rafter tie-downs.

Detail the vaulted ceiling through roof rafters and both ends of the ceiling joist – Also detail the rafter tie-downs.

Detail the beam/lvl/header intersection connection.

Detail section of bearing/non-bearing walls (roof and wall intersection).

Provide all design data for dimensional lumber, lvs, I-joists, and lam beam, as called for, in the design criteria box attached. Use latest design data per manufacturer of specific product.

Provide rafter ties 48"oc directly above ceiling joists that run perpendicular to rafters.



INSULATION INFORMATION AND COMPLIANCE FORM

Part A: Building Plan Submittal Information DATE _____

PROJECT PERMIT NUMBER DB – 20 _____ - _____

PARCEL NUMBER _____ SUBDIVISION NAME _____

The following is the proposed insulation for the above residence. The insulation will be applied to the walls and ceilings per the manufacturer's specifications.

NOTE: Wherever blown-in or sprayed insulation is applied to walls the installer shall supply certification of the installed density and R-value. Where blown-in or sprayed insulation is applied to roof ceiling assemblies the installer shall provide certification of the initial installed thickness, settled thickness, coverage area, and number of bags of insulation material installed. Markers shall be provided for every 300 square feet of attic area, attached to the trusses, rafters, or joists, and indicate in 1 inch-high numbers the installed thickness of the insulation. (Section R303 of the 2015 IECC)

All insulation, vapor barrier, and ventilation information must be listed at the proper location on the building plans.

GENERAL CONTRACTOR _____

Address: _____ Phone: _____

INSULATION CONTRACTOR _____

Address: _____ Phone: _____

Complete the table for insulation information on the following sheet as a requirement for Part A.

A copy of the table will be attached to the Permit Copy of the Building Plans.

It will be required that the information contained in the table be certified after the products have been installed. The signed and dated certificate will be submitted to the Kane County Building Division (No Fax Copies) before the Final Inspection is scheduled.

For Office Use Only

Received by: _____ Date: _____



PERMIT NUMBER DB- 20 _____

Part B: TABLE OF COMPONENTS (FOR PLAN SUBMITTAL) FILL IN ALL SPACES IN FOLLOWING TABLE - REQUIRED
LIST THE METHOD YOU ARE USING TO SHOW COMPLIANCE WITH THE RESIDENTIAL ENERGY EFFICIENCY CHAPTER 4 [RE] OF THE 2015 IECC AS AMENDED BY THE STATE OF ILLINOIS.

Method 1. SECTION 401, 402, 403, AND 404 (PRESCRIPTIVE) _____

Method 2. SECTION 401 AND 405 (PERFORMANCE) _____

Mandatory Sections of the 2015 IECC: R401.3, 402.4, 402.5, 403.1, 403.1.2, 403.3.2, 403.3.3, 403.3.5, 403.4, 403.6, 403.7, 403.8, 403.9, 404, 406.3

Location	Material (fiberglass - foam - cellulose)	ICC Evaluation (other than fiberglass)	Manufacturer	R Value	Thickness	Vapor Barrier Type ** and Perm Rating	Thermal or Ignition Barrier (+ = REQUIRED)
Basement Walls R20 (EXT. WOOD FRAMED)							+
Foundation Walls (POURED CONCRETE) CAVITY R13 / CONTINUOUS R10							+
Crawl Walls R15/19							+
Rim Joists 1 ST Floor R20							+
Rim Joists 2 ND Floor R20							
Floor R30							
Perimeter Insulation R10 Heated Slab Insulation R15							
Framed Walls R20							+
Insulated Sheathing min. R2							
Flat Ceilings R49							+
Cathedral Ceilings R30* (500 sq ft max.)							+
Conditioned Attic R49/38							+

* 1 inch airspace is required above the insulation.

** Provide all data that a vapor barrier is not required with this product based on testing & code requirements.

REV. 12/2015

NOTE: THE MAXIMUM FENESTRATION U-FACTOR FOR THE WINDOWS IS 0.32

Note: If any changes are made to the above table information a new form must be filled out and approved by the Building Division.



All of the Following Information is to be Filled Out and Submitted to the Building Division
After the Project is Complete and Before Scheduling the Final Inspection.

Permit Number: DB – 20 _____ - _____

**Part C: Insulation Compliance Certificate
(Required After Project is Complete)**

I certify that the above listed project has been insulated per the submitted table (Part B).

Insulation Installer Signature: _____ Company Name: _____

Printed Name: _____ Date: _____ Phone Number: _____

I certify that all items not installed by the insulation installer on the above listed project
have been completed per the submitted table (Part B). (Vapor Barrier, Ventilation, Thermal
Barriers, and Ignition Barriers)

Owner or Authorized: _____ Company Name: _____

Agent Signature

Printed Name: _____ Date: _____ Phone Number: _____

**Part D: Compliance Certificate for the 2015 IECC Requirements
(Required After Project is Complete)**

This is to certify that all components of the IECC requirements as listed on the approved plans for
this project have been installed and that this project complies with the 2015 IECC as amended by
the State of Illinois.

Owner or Authorized: _____ Company Name: _____

Agent Signature

Printed Name: _____ Date: _____ Phone Number: _____

DO NOT FAX – ORIGINAL SIGNATURE/S REQUIRED

For Office Use Only

Received by: _____ Date: _____ Entered in KPASS _____

COUNTY OF KANE

DEVELOPMENT DEPARTMENT
Building & Community Services Division
Mark D. VanKerkhoff, AIA, Director



County Government Center
719 Batavia Avenue
Geneva, Illinois 60134
Phone: (630) 232-3485
Fax: (630) 232-3411
Website: www.co.kane.il.us

BUILDING PLAN REVISIONS

TO AVOID POSSIBLE DELAYS IN APPROVAL OF YOUR PLANS PLEASE FOLLOW THESE PROCEDURES
ALL CORRECTIONS AND REVISIONS MUST BE MADE IN RED.

- 1) The Kane County Development Department, Building and Community Service Division must approve ALL revisions to approved building plans.
- 2) FOR ALL REVISIONS: (during application review process and after permit is issued)

Revisions may be made on the original submitted plan sets. If "new drawings" are submitted the originally submitted plan marked "permit copy" must be returned with two new plan sets.

- a) Each revision set must be identified by a "revision #, item #" and date. The revision numbers must be sequential e.g. "first revision" 1.1, 1.2, 1.3, etc., 2-02-01, "Second revision" 2.1, 2.2, 2.3, etc., 3-05-01. Each revision must have a "cloud" drawn around it and "item number triangle" to call attention to its location on the plan.

Examples: 

- b) Revisions in response to a Plan Review or Field Inspection Report must be added to the proper locations on the plans and correlated to the plan review or field inspection report. AN EXAMPLE OF THIS IS ON THE REVERSE SIDE OF THIS SHEET.
 - c) Revisions to plans sealed by an Illinois licensed architect or Illinois structural engineer must be approved and added to the plans by that same professional.
 - d) Revisions prepared by an Illinois licensed architect or Illinois structural engineer must have their initials at each revision and be accompanied by two sealed copies of an approval letter confirming the added revisions.
 - e) New building plans may be required for plans that have extensive changes and/or are in a unreadable condition or damaged beyond reasonable repair, as determined by the Building Division.
 - f) No faxed or mailed revisions will be accepted.
- 3) FOR REVISIONS TO APPROVED PERMIT PLANS:
 - a) A \$50.00 minimum re-examination fee will be charged plus other fees e.g. "additional square footage."
 - b) The approved Permit Copy plan set must accompany all proposed revisions.
 - c) Submit all revisions for approval one week prior to any scheduled inspections. The Building Division cannot assure "on the spot" review of revisions. Major revisions may require review by other county departments.

SAMPLE OF CORRELATED PLAN REVIEW SHEET



Building Plan Review Notice
 County of Kane
 Plan Review Notice

February 11, 2001
ACME CONSTRUCTION
 22N135 RIVERVIEW AVE.
 AURORA, IL 60001




Permit #: DB-2001-6842
 Parcel: 01-40-211-8420
 Owner of App: SMITH, JOHN
 Date of Plans: 01/22/01

PROJECT NAME: JOHN SMITH RESIDENCE




Make All Corrections in Red on Original Prints Submitted

Review # 1 Review Date 01/22/01 Reviewer Jack Longfellow
 Code Section Comment



FOUNDATION PLAN

- CHAP. 29 AMENDED
 2-02-01 JLM SHEET 4  1.1 Basement floor drain - to sanitary sewer
 * MARK ALL - ALSO NEED DRAIN AT LOWER LEVEL(SPORTS AREA) TO SANITARY (GRAY WATER)
- R403
 2-02-01 JLM SHEET 4  1.2 Column footings - size and thickness
 * YOUR NOTE SAYS TYPICAL FOR 9 - THERE ARE 10 (ONE BY THE STAIRWAY TO 1ST FLOOR (NEAR ARCADE AREA)
- R1003
 2-02-01 JLM SHEET 4  1.3 Fireplace footing - 12" thick - project 6" all sides
 * FIREPLACE FOR STUDY/LIBRARY

WALL CROSS SECTION

- R408
 2-02-01 JLM SHEET 6  1.4 Damp proofing foundation walls
 * CLARIFY - PART OF THE NOTES SAY DAMP PROOFING OTHERS SAY WATER PROOFING
- TABLE N1102.1 (AMENDED)
 2-02-01 JLM SHEET 6 & 8  1.5 Insulation R value (flat ceiling R38-cath ceiling R30 w/1" airspace above-walls R20-floors R30-crawl & unfin basement walls R10/13 finished-min R10 perimeter insul at walkout found walls or at application energy perform progrm. Cert at final inspection
 * FLOOR INSULATION FOR AREAS OVER THE GARAGES AND THE PRECAST (CEILING OVER THE SPORTS AREA - R38) - ALSO WALKOUT DETAIL AND FLOOR PLAN NOTES FOR PERIMETER INSULATION DO NOT AGREE B/A-9 AND SHEET A-3 ALSO NEED TO FILL OUT ALL INSULATION FORMS (ATTACHED) - PLANS AND CHART INFO MUST ALL AGREE
- R803
 2-02-01 JLM SHEET 8  1.6 Roof sheathing - thickness of APA rated sheathing - osb or plywood
 * CLARIFY ROOF SHEATHING - 2 LAYERS OF 1/4" PLYWOOD ON THE WHOLE ROOF OR JUST AT THE BOTTOM EDGE OF THE ROOF ?

FLOOR PLAN

- R313 AMENDED
 2-02-01 JLM SHEET 5 & 6  1.7 Smoke alarms req'd in all sleeping rooms and at all floor levels - mark locations: 110v interconnected - within 15' of each sleeping area door on hall side of door
 * EXERCISE ROOM HAS A CLOSET ANY WILL BE CONSIDERED A BEDROOM - WILL REQUIRE A SMOKE ALARM IN THE AREA AND IN THE HALL W/15' OF THE DOOR TO THE AREA. ALSO A ALARM IS REQUIRED W/15' OF THE GUEST BEDROOM DOOR ON THE HALL SIDE OF THE DOOR
- R308
 2-02-01 JLM SHEET 5  1.8 Glazing requirements - add note to plans : All glazing to follow R308 of the 2003 IRC as required
 * ADD A GENERAL NOTE AS CALLED FOR ABOVE

* This is an additional comment for item directly above.

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RESIDENTIAL DESIGN CRITERIA

Include this information on building plans

FLOOR	40# LL 10# DL ALL AREAS EXCEPT SLEEPING
FLOOR	30# LL 10# DL SLEEPING AREAS
WALLS	60# PLF OR ACTUAL
CEILINGS	20# LL 10# DL 10# LL 5# DL ROOF SLOPES NOT OVER 3 IN 12
ROOF	30# LL 10# DL
CATHEDRAL	30# LL 15# DL
EXT. DECKS	40# LL 10# DL
EXT. BALCONY	60# LL 10# DL

FRAMING LUMBER

2012 National Design Specification

(FLOOR JOISTS, CEILINGS JOISTS, RAFTERS, HEADERS AND BEAMS)

GRADE _____ SPECIES _____ DOMESTIC OR CANADIAN BASE FB = _____
(CIRCLE ONE)

SOUTHERN PINE OR MIXED SOUTHERN PINE LUMBER

GRADE _____ SPECIES _____

PRESSURE TREATED: YES OR NO

ENGINEERED WOOD PRODUCT

(BEAMS & GIRDERS)

MANUFACTURER _____ PRODUCT TYPE _____
(LVL, PSL, LSL, GLU-LAM)

SIZE _____ FB= _____ E= _____

PRESSURE TREATED: YES OR NO

ENGINEERED WOOD PRODUCT

(I-JOIST)

MANUFACTURER _____ SERIES# _____ SIZE _____

ENGINEERED WOOD PRODUCT

(STUDS & COLUMNS)

MANUFACTURER _____ PRODUCT TYPE _____

PRESSURE TREATED: YES OR NO

NOTICE TO APPLICANTS

In the State of Illinois, Fire Protection Districts have the authority to adopt and enforce ordinances independent from Kane County's adopted building codes and ordinances.

It is the responsibility of the applicant applying for new construction, remodeling, or additions to an existing structure to notify the appropriate fire protection district and comply with any required submittals, inspections and occupancy requirements in addition to those required by Kane County.

FIRE DISTRICT PHONE NUMBERS Kane County, Illinois

Algonquin - Lake In The Hills Fire District	847-658-8233
Aurora (city) Fire District	630-898-2421
Aurora Township Fire District	630-898-3222
Batavia Township & Countryside Fire District	630-454-2100
Big Rock Fire District	630-556-3214
Burlington Fire District	847-683-2199
Carpentersville & Countryside Fire District	847-426-2131
East Dundee Fire District	847-426-7521
West Dundee Fire District	847-551-3805
Elburn & Countryside Fire District	630-365-6855
Geneva Fire Department	630-232-2530
Hampshire Fire District	847-683-2629
Hinckley Fire District	815-286-7711
Huntley Fire District	847-669-5066
Kaneville Fire District	630-557-2443
Maple Park Fire District	815-827-3500
Montgomery Fire District	630-897-0622
North Aurora Fire District	630-897-9698
Pingree Grove & Countryside Fire District	847-741-3151
Rutland & Dundee Fire District	847-426-2522
Fox River & Countryside Fire/Rescue District	630-584-3473
South Elgin Fire District	847-741-2141
Sugar Grove Fire District	630-466-4513
Sycamore Fire District	815-895-4514

