



**DeKALB COUNTY
PLANNING/ZONING/BUILDING DEPARTMENT**

110 E. Sycamore
Sycamore, IL 60178-1497
(815) 895-7188
Fax: (815) 895-1669
www.dekalbcounty.org

RESIDENTIAL ROUGH-IN CHECKLIST

| <i>INSPECTION STEP</i> | ✓ |
|--|---|
| 1. Foundation bolting complete & tightened (Minimum of two anchor bolts per plate - check splices.) | |
| 2. Building thermal envelope sealed (seams in house wrap, rim joists and all joints, seams and any exterior penetrations.) Exterior siding may not be installed until AFTER rough inspection. | |
| 3. Framing complete - no roof sheathing rips < 24" in width. All nailing, per code. | |
| 4. Required joist hangers, squash blocks, rafter/roof truss ties (All holes in hangers must be nailed.) | |
| 5. Joist/stud blocking, bracing, fire stopping complete (Fire caulk or other approved material - where wiring passes through top or bottom plates or floor, at openings around vents, pipes, under tub drains /tray ceilings, kitchen soffits, etc. -and- horizontal penetrations, maximum 10' on center,) | |
| 6. Attic venting installed per code. | |
| 7. Roofing complete. Ice shield installed - no rips in roof sheathing <24" in width. | |
| 8. Attics access scuttle (22 X 30 minimum) framed-in with required lighting rough-in. | |
| 9. Windows & doors installed : At least one egress window in each bedroom and in basement. | |
| 10. Rough wiring installed in all areas, complete. All recessed fixtures extending into unconditioned space, IC-rated and air tight type. | |
| 11. Lighting specifications available on-site to verify min. 75% energy efficient fixtures. | |
| 12. Smoke detector / CO detector boxes & wiring complete (<u>Mark locations</u> on framing.) | |
| 13. Fireplace installed & fire stopped with flue terminated as required/manual on job. | |
| 14. Radon piping installed and identified in basement and in attic - electrical receptacle roughed in attic (above insulation.) | |
| 15. Tubs, showers, faucets & drains installed. | |
| 16. Access door for whirlpool motor framed. Motor must be properly bonded. (solid #8 to copper cold water line.) | |
| 17. Water piping and DWV installed in all finished areas, hot water piping insulated, per code. | |
| 18. Kickplates/stud guards in place for plumbing/wiring, etc., as required. | |
| 19. Bath/other exhaust fan boxes installed & vented to DEDICATED exterior vent terminals. | |
| 20. Supply/return air ducting for furnace in finished spaces complete. All transitions sealed. Any ductwork extending into unconditioned space must be insulated to R-8 -AND- pressure tested by qualified testing agency PRIOR to rough inspection. Test report must be provided on-site. | |
| 21. Thermostat wire installed. | |
| 22. Garage narrow walls (next to overhead doors) framed and braced per code. | |

One "failed" inspection allowed per permit. Each additional "failed" inspection / \$50.00 fee.



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RESIDENTIAL FINAL CHECKLIST

| CODE COMPLIANCE | ✓ |
|---|---|
| 1. All plumbing fixtures set, connected & operating. a. Vacuum breakers on all hose connections. b. Tub/shower faucets set at 115 degrees temperature (may not be set at water heater). c. Water heater(s) operating. d. Any "future use" plumbing must be permanently capped. | |
| 2. All electrical work complete. a. All garage receptacles within 7' 6" of floor GFCI protected. b. All exterior receptacles GFCI protected in waterproof boxes w/ in-use (bubble) covers. c. All circuits labeled at service panel - including smoke detector circuit labeled. d. All fixtures installed & working. e. Service switch (disconnect) at furnace and A/C. (maintain 30X36" clear space) f. Covered light fixtures at all closets -fluorescent or recessed enclosed incandescent in 2' closets (min. 6" from POSSIBLE storage). g. AFCI circuits provided for all bedroom circuits. | |
| 3. Smoke & CO detectors installed & operating per code (110v- with battery back-up). a. Smokes each bedroom, each add'l floor including basement. Also, SD & CO or combo, within 15' of bedrooms. b. If bonus/storage room is locate above garage, lighting & smoke detector required. | |
| 4. Garage separation, min. ½ drywall applied to the garage side. Garages beneath habitable rooms shall have minimum 5/8" Class X drywall applied to ceiling and min. ½" drywall on all supporting walls. | |
| 5. All floor heat registers installed - furnace operating. Programmable thermostat provided. All duct transitions must be sealed by an approved means. | |
| 6. Handrails/guardrails installed as required in all stairways/landings above grade (must terminate at wall, newel post or return to wall). | |
| 7. Doors to exterior (in addition to the required side-hinged 36" exit door), such as patio doors or sliding doors, located more than 8 1/4" above grade must be provided with at least one of the following; a. Code compliant stair/s (with handrails, if four or more risers). b. Must be permanently disabled. c. Must be provided with a 36" (minimum) high code-compliant safety barrier (guard). | |
| 8. Attic scuttle complete. Cover is insulated and weatherstripped. | |
| 9. All insulation is installed in compliance with code requirements, including attic and box sill. | |
| 10. Permanent certificate posted on or next to the electrical distribution panel listing all R-values, U- factors, type and efficiency of HVAC and service water heating systems. | |
| 11. All exterior trim & painting complete (including any exterior metal lintels or primed wood trim and any exposed black piping at exterior gas meter). | |
| 12. All interior walls, ceilings, floor surfaces complete, (non-absorbent flooring in bathrooms and kitchen.) | |
| 13. Address numbers installed on house / 911 Sign posted at driveway. All exterior penetrations sealed weather-tight. | |
| 14. Blower-door testing completed. Inspection report provided to Building Department. | |

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