

Henderson County Residential Inspection Checklist

Property Address _____

Permit No. _____

Permit Type _____

Permit Date _____

Builder _____

Owner _____

Phone _____

Phone _____

A Certificate of Occupancy will not be issued unless all inspections have been

THIS CHECKLIST DOES NOT INTEND TO REPRESENT ALL OF THE REQUIREMENTS OF THE KENTUCKY RESIDENTIAL CODE. IT REMAINS THE RESPONSIBILITY OF THE CONTRACTOR TO BUILD IN CONFORMANCE WITH ALL APPLICABLE BUILDING CODES, ZONING REQUIREMENTS AND STATE OR LOCAL ORDINANCES.

******* ALL INSPECTIONS REQUIRE 24 HOUR NOTICE *******

FOOTING CHECKLIST: Copy of site plan, property lines defined on site, gravel pull off in place – erosion control methods installed

- ___ Measurements concur with site plan
- ___ 24" footing depth R 403.1.4.1
- ___ Footing Slope of greater than 1 in 10 must be stepped R 403.1.5
- ___ Footings-minimum of 6" thick, projections-minimum of 2", not to exceed footing thickness R 403.1.1
- ___ Masonry fireplace footings 12" thick – 6" projection – 24" deep
- ___ Footing shall be undisturbed natural soil or engineered fill R 403.1
- ___ Min. width: 1 story-12", 2 story-15", brick veneer 1 story-12", 2 story-21" R Table 403.1
- ___ Gravel pull off in place
- ___ Monolithic pour- #4 rebar in top & bottom of footing R 403.1.3.2
- ___ Monolithic pour- vegetation removed, inside wall of footing cut back figure 403.1 (1)
- ___ Monolithic pour- forms high enough to provide for 3 ½" slab & 6" clearance grade to sill plate R 404.1.6

FOUNDATION/FLOOR FRAMING CHECKLIST Floor framing in place, before decking is completed

- ___ Rough grade done
- ___ Foundation elevation 12" (+2%) higher than elevation of street gutter (50' = 1") R 403.1.7.3
- ___ Foundation walls as thick as wall supported R 404.1.5
- ___ Drains around all foundations enclosing habitable or usable space below grade R 405.1
- ___ Walls enclosing habitable or usable space water-proofed from grade to top of footing R 406.1
- ___ Ventilation 1 sq ft / 150 sq. ft (1500 sq ft if vapor barrier on soil) R 408.2
- ___ Exterior foundation insulation covered w/ barrier to 6" below grade
- ___ One ventilation opening within 3 ft of each corner R 408.2 9 (8x16 vent =133 sq ft) R 408.2
- ___ Access opening minimum 16"x24" R 408.4
- ___ Conditioned space:
 1. Vapor barrier lapped 6" and sealed, wrapped up stem wall and sealed to stem wall.
 2. Mechanical exhaust 1 CFM/ 50 sq. ft. – insulated perimeter or conditioned air 1 CFM / 50 sq. ft.
 3. Insulated perimeter – R10
- ___ 4" base when floor slab is below grade R 506.2.2
- ___ Vapor barrier lapped 6" between slab and base course or prepared sub grade Slab insulation R-4 R 506.2.3
- ___ Decks attached to structure by more than nails; connection to structure must be inspected R 502.2.2
- ___ Allowable Joist spans 40#LL, @16"oc, #2Pine: 2x8(12-10), 2x10 (16-1) @24"oc 2x8 (11-0), 2x10(13-1), 2x12(15-5)
- ___ ½" anchor bolts or straps @ 6'0" oc and within 12", but not less than 3 ½", from the end of each plate min 2 per plate; walls < 24" – 1 anchor bolt; R 403.1.6

Henderson County Residential Inspection Checklist

Property Address _____

Permit No. _____

- ___ Double joist under parallel bearing partition R 502.4
- ___ Foundation wall 6" above grade, 4" if brick veneer R 404.1.6
- ___ Sill plate treated wood R 319
- ___ Type of termite control _____ (copy of invoice) R 320.1
- ___ Joists and girders rest 1-1/2" on wood and 3" on masonry R 502.6
- ___ Floor joists lapped 3" R 502.6.1
- ___ Joists into girder - framing anchors or 2x2 ledger strip R 502.6.2
- ___ Ends of joists are supported laterally R 502.7
- ___ >2 x 12 requires blocking R 502.7.1
- ___ Notches in joists, rafters, beams <1/6 depth, not longer than 1/3 of the depth, none in middle third of span, < 1/4 depth for ends R 502.8.1
- ___ Boring <1/3 depth, not within 2" of top or bottom, > 2" from notch R 502.8.1
- ___ No boring or notches in any engineered wood products R 502.8.2
- ___ Floor joists-headers and trimmers double if over 4', hangers if over 6' R 502.10
- ___ Piers, >4 blocks high filled solidly, <4blocks high: capped w/solid masonry or top course filled R 606.6
- ___ Treated Wood: Joists less than 18", girders less than 12" to exposed ground, ends of girders unless 1/2" space on wood siding, sheathing and wall framing having a clearance to grade of < 6", wood furring or framing attached directly to the interior wall of an exterior masonry wall below grade (unless vapor barrier is between) R 319

FRAMING CHECKLIST HVAC, plumbing & electric rough in complete; before insulation

- ___ Engineered trusses installed per drawings on site R 502.11.4
- ___ Draft stopping for suspended ceilings and open web trusses over 1000 sq ft R 502.12
- ___ Studs #3 standard or stud grade R 602.2
- ___ Double top plate, ends overlap @ corners & bearing partitions, end joints >24" apart R 602.3.2
- ___ Floor or roof framing members are > 16" o.c., & bearing studs are 24" o.c., must bear within 5" of studs
EX: top plates are 2x6, third top plate, solid blocking=in size to studs to reinforce top plates. R 602.3.3
- ___ Exterior or bearing studs: notched not more than 25%, bored <40%, no closer than 5/8" to edge and not in same section as notch, may be bored up to 60%, but must be doubled and not more than two studs in a row, R 602.6
- ___ Non-bearing studs: notched <40%, bored <60% and edge of hole no closer than 5/8", R 602.6
- ___ Top Plate of bearing wall: cutting by more than 50% requires 16 gage by 1 1/2" galvanized metal attached by not less than (8) 16 penny nails each side across and to each side of the opening R 602.6.1
- ___ Headers required for openings in bearing walls, Table 502.5 and 602.7.2 R 602.7
- ___ Fire stopping: in concealed spaces in stud walls, including furred spaces, at ceiling & floor level and at ten foot intervals both vertical and horizontal. At soffits, dropped ceilings, cove ceilings, between stair stringers at the top and bottom of the run, at openings around vents, pipes and ducts at ceiling and floor level floor w/approved materials, at chimneys and fireplaces and at the cornices of 2 family dwellings at the line of building separation. R 602.8
Materials: 2" lumber, (2) 1" lumber, 3/4" particle board, 1/2" sheetrock, 1/4" cement board, fireproof caulking, Unfaced fiberglass batt (entire cross section, 16" high)
- ___ Wall bracing @ each corner & every 25', designed collector if > 12 ft from corner See table 602.10.1
- ___ Habitable room ht. - 7'0", non habitable basement- 6'8" R 305.1
- ___ Hazardous locations, glazing: hinged door glass, sliding, closet, swinging, storm, bath & shower doors, glass less than 60" above bathing room walking surface, within 24" of door+less than 60" from floor, *greater than 9 sq. ft. +<18" above floor+higher than 36" from floor+<36" from a walking surface*, glazing in railings, glazing in pool, hot tub and spa enclosures < 60 above a walking surface + < 60" from water's edge
Exceptions: leaded, faceted and decorative. On>9sq. ft. windows above if 1-1/2" strap iron is installed at 34-38" above floor. R 308.4
- ___ Skylight on less than 3/12 pitch require a 4" curb R 308.6.8
- ___ Garages may not open directly into a sleeping room R 309.1
- ___ All bedrooms, 1 egress window or door <44" from floor, net clear 5.7 sq. ft. If less than 44" from grade level, then can be 5 sq. ft. Minimum width 20", minimum ht 24" R 310.1
- ___ 1 Egress door 3' 0" x 6' 8" R 311.4
- ___ Hallways min 36" R 311.3
- ___ Exit balconies or stairs shall not be attached by nails subject to withdrawal R 311.2.1
- ___ Landings - top & bottom of all stairs (ex: at top if door does not swing over stairs), egress doors-both inside & outside R 311.5.4

Henderson County Residential Inspection Checklist

Property Address _____

Permit No. _____

- ___ Ramps – max 1:12 R 311.6.1
- ___ Bathroom vents exhausted directly to outside, IAMI R 303.3
- ___ Glazing in stairs < 60" walking surface
- ___ Bathroom ventilation 3 sq. ft. glass – ½ openable or 5OCFM ventilation directly to outside
- ___ Stairs-min. 36" wide, 31.5" w/1 handrail R 311.5.1
- ___ Max riser 8 1/4", min tread 9", variances in riser and tread depth <3/8" R 311.5.3
- ___ Solid risers must have ¾" nosing unless tread depth is 11", open risers only if < 4" R 311.5.3.3
- ___ Headroom on stairs is 6'8" R 311.5.2
- ___ Vapor barrier on warm in winter side of insulation
- ___ Brick – vapor barrier over studs or sheathing plus ¾" air space R Table 703.4
- ___ Brick – veneer ties @ <24" o.c. horizontal and vertically, supporting, <2.67 sq. ft. R 703.7.4.1
- ___ Brick – flashing above first course of masonry above finished ground level above foundation wall or slab, above lintels R 703.7.5
- ___ Brick – weep holes 3/16" diameter, <33" o.c. & immediately above flashing R 703.7.6
- ___ Ridge board-minimum 1", > cut edge of rafter, valley and hip rafters must be 2x's braced @ ridge board to bearing partition R 802.3
- ___ Ends bear 1 ½" on wood and 3" on masonry R 802.6
- ___ Notches in roof structure shall not exceed ¼ depth at ends, 1/6 depth elsewhere, not longer than 1/3 depth of member, none in middle third, tension side shall only be notched at end R 802.7.1
- ___ Holes not more than 1/3 depth, not closer than 2" from edge, a notch or another hole R 802.7.1
- ___ Rafters and ceiling joists >2x10 require lateral support, greater than 2x12 require bridging R 802.8
- ___ Openings in ceiling joists and rafters > 4' must have double headers & trimmers, > 6' must have hangers R 802.9
- ___ Trusses braced per drawings R 802.10.1
- ___ Roof systems connected to top plate by approved connector having resistance to uplift of not less than 175# R 802.3.1
- ___ Hearth slab 4" thick, hearth extensions, minimum 2" thick, = 8" each side if < 6 sq. ft., 12" if > 6 sq. ft., front extension = 16" if < 6 sq. ft., 20" if > 6 sq. ft. R 1001.10
- ___ Maximum U factor of windows is .40
- ___ Chimney clearance of 2" except for fire blocking R 1001.11
- ___ Rafter ties installed as required R 802.11
- ___ Attic ventilation area 1/150, unless >50% but <80% is provided by openings at least 3' above eave or cornice vents, or vapor barrier on warm side of ceiling, then 1/300 R 806.2
- ___ Attic clear ht. of 30" and > 30 sq ft requires 22" x 30" access R 807.1
- ___ <4 in 12 pitch requires double underlayment R 905.2.2
- ___ Cricket installed on chimney greater than 30" wide R 905.2.8.3
- ___ Building thermal envelope: R-38 ceiling, R-13 walls, R-19 floors, R-4 depth of 2 ft slab edge, R-10 crawl space wall, R-4 basement wall R Table 1102.1
- ___ Air ducts R-4 in unconditioned space R 1108.3.2
- ___ 22" x 30" high access into attics containing appliances, no more than 20 feet travel, continuous solid flooring, light fixture and receptacle by appliance with switch by opening R 1305.1.2
- ___ 30" clear workspace on control side of appliances R 1305.1
- ___ Flexible duct limited to 12' R 1601.2.3
- ___ Metallic ducts supported every 10', non-metallic: mfr recommendations (usually at 5 ft intervals w/<1/2" per ft. sag between bracing) R 1601.3.2
- ___ No returns from kitchen, bath or garage R 1602.2
- ___ Clothes dryer vent-independent, not connected with screws, back draft damper, smooth rigid metal, max length 25', less 2.5' for every 45 degree bend, less 5' for every 90 degree bend R 1502
- ___ Range hood duct-smooth metal, terminate outside of building L&L unvented hoods installed IAMI R 1505.1

FINAL INSPECTION Electrical and Plumbing finals done; ready for occupancy

- ___ Accessible under stair opening- walls and soffits of ½" sheetrock R 311.2.2
- ___ Handrail >34" < 38" from nosing on one side of stairways that have 4 or more risers R 311.5.6

Henderson County Residential Inspection Checklist

Property Address _____

Permit No. _____

- ___ Porches, floors >30" from floor or grade to have guardrails 36" in ht. Open sides of stairs with total rise > 30" shall have guardrails 34" high from nosing, openings less than 4" R 312.1
- ___ Smoke detectors- hard wired, interconnected, 1 ea bedroom, 1 ea story including basement & 1 outside of each sleeping area R 313.2
- ___ Hearth extension – 2" thick, 16" in front, 8" on each side if fireplace opening is <6 sq. ft R 1001.10
- ___ No Wood within 6" of fireplace opening, R 1003.13, over 6" – less than 1/8" projection per each inch from opening R 1001.11 #4
- ___ Fuel burning appliances, label has type of fuel, output, required clearances R 1303.1
- ___ Operating instructions attached to all appliances R 1307.1
- ___ Appliances in garage protected from impact R 1307.3.1
- ___ Appliances with ignition source - mounted 18" above floor R 1307.3
- ___ Attic installation of HVAC – light, outlet & switch by door R 1305.1.3 (30" h x 22" w)
- ___ Exterior heat pump – 3" above ground R 1403.2
- ___ All appliances: be IAMI (which shall be attached to appliance) and L&L for special applications R 1307.1
- ___ Provision for draining condensate to outside building, floor drain, plumbing fixture or sump R 1411.3
- ___ Where damage from condensate overflow can occur – provide secondary drainage system M 1411.3.1
- ___ Proper bathroom vent termination
- ___ Attached garage door into house 1 3/8" wood, 1 3/8" steel or 20 minute fire-rated R 309.1
- ___ Garage separation: 1/2" gyp board on garage side for wall separating dwelling, ceiling and exterior walls supporting ceiling/floor of dwelling R 309.2
- ___ Dryer vent termination, exterior, back draft damper R 1502.2
- ___ Final Grading 6" slope in first 10 feet R 401.3
- ___ Min. 36" x 36" landing outside of required egress door, all doors > 30" from grade, and all doors which swing in direction of stairs R 311.4.3
- ___ Impervious surfaces within 10' of a building shall be sloped > 2% away from building R 401.3
- ___ Floor insulation for vented crawl R-19
- ___ Attic insulation – R-38 blown insulation has markers every 300 sq. ft.
- ___ Permanent energy efficiency label posted on or near electrical panel.

L&L=listed and labeled

IAMI=installed according to manufacturers instructions

> means greater than

< means less than