

City of Brentwood
 Planning and Codes Department
 5211 Maryland Way
 P.O. Box 788
 Brentwood, TN 37024-0788



◆ **Residential Final Inspection Checklist - Building, Mechanical and/or Plumbing** ◆
 2018 International Residential Code for One- and Two-Family Dwellings (IRC) 2012 edition IECC

THE CONTENT OF THIS DOCUMENT IS NOT ALL INCLUSIVE

Ref	Inspection Category and Item	Pass	Shall Correct	N/A	Comment
A. PRE- INSPECTION ITEMS					
City	Re-inspection fee payment due prior to next inspection. Amount of \$ _____				
City	All necessary sub-permits have been obtained (mechanical, plumbing, irrigation.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
City	Lot final inspection approval by Engineering Department	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
City	Grinder pump final inspection approval by W&S; if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
State	Electrical final inspection approval by state electrical inspector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Lawn irrigation system (if applicable): The <i>Initial Test Report</i> has been received by City regarding the backflow prevention device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	All engineer's inspection reports have been received	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B. SITE AND HOUSE EXTERIOR					
City	Street is clear of all debris (mud, nails, rock, trash, wood, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
City	Site is identified by a house-numbered mailbox; numbered signage attached to house; or, large numbered placard displayed from inside front door or window, visible from the street	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R106.4	Construction drawings: approved and complete set are on-site	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
City	Max. building height does not exceed 52' or 42' for OSRD-IP				
City	Single driveway's curb cut width is 20' maximum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
City	Double driveway has been installed, per approved drawings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
City	Driveway distance from garage to edge of driveway is 30', or 24' if 12' deep side driveway extension has been installed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Varies	Electric meter has been set	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Varies	Water meter has been set	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Varies	Gas meter has been set, if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Penetrations thru exterior brick veneer, wall coverings and foundation walls are sealed and sleeved, where required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Condensate drain lines terminate min. 18" away from foundation wall	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R703.7.6	Weep-holes in masonry walls are spaced 33" maximum on-center; are min. 3/16" in diameter; and, located immediately above the flashing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
City	Yard is seeded and strawed with erosion control fence maintained, or yard is sodded completely	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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Ref	Inspection Category and Item	Pass	Shall Correct	N/A	Comment
B. SITE AND HOUSE EXTERIOR (continued)					
	Grade along house perimeter is sloped away from foundation a min. 6 inches in 10 feet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R311.2	Egress door: at least one egress door is side-hinged; provides a min. clear width of 32 inches when measured between the face of the door and the stop with the door opened at 90- degrees; min. clear height of the door opening is not be less than 78"; is readily openable from inside the dwelling without the use of a key or special knowledge or effort.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R311.3 R311.3.1	Egress door - landing or floor: a landing or floor is on each side of the egress door and has a width not less than the egress door. The landing or floor has a min. dimension of 36" measured in the direction of travel. On the exterior side, the landing or floor is not more than 7-3/4" below the top of the threshold provided the door does not swing over the landing or floor. If the exterior landing or floor is not at grade; a ramp or stair provides access to grade	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R311.2 R311.3	Exterior doors: a landing or floor is on each side of each exterior door. The width of each landing is not less than the door served. Every landing has a min. dimension of 36" measured in the direction of travel. Landing or floor on the exterior side is not more than 7-3/4" below the top of the threshold provided the door does not swing over the landing or floor. (Exception: a landing is not required where a stairway of two or fewer risers is located on the exterior side of the door, provided the door does not swing over the stairway)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R311.7.3	Exterior stairways: stairways, ramps, landings, winders, risers, treads and tread nosing's, handrails, guardrails, minimum head room, etc. are code complaint including min. 36" width	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R311.7.3	Exterior flight of stairs does not have a vertical rise greater than 12 feet between floor levels or landings.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R311.7.9 R303.7	Exterior stairways - illumination: exterior stairways are provided with illumination of the stairs, including the landings and treads. An artificial light source is in the immediate vicinity of the top landing of the stairway. Exterior stairways providing access to a basement from the outside grade level are provided with an artificial light source located in the immediate vicinity of the bottom landing of the stairway. (Exception: artificial light source is not required at the top and bottom landing, provided an artificial light source is located directly over each stairway section). Light activation: the illumination of the exterior stairways is controlled from inside the dwelling unit. (Exception: lights that are continuously illuminated or automatically controlled)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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Ref	Inspection Category and Item	Pass	Shall Correct	N/A	Comment
B. SITE AND HOUSE EXTERIOR (continued)					
507.1	Decks: where supported by attachment to an exterior wall, are positively anchored to the primary structure. Such attachment is not by toenails or nails, due to subject to withdrawal. If positive connection to the primary building structure cannot be verified during inspection, the deck is required to be self-supporting. Decks with cantilevered framing members, connections to exterior walls or other framing members, shall be designed and constructed to resist uplift from the full live load, acting on the cantilevered portion of the deck.	[]	[]	[]	
R507.2	Deck ledger connection to band joist: decks supporting a total design load of 50 lbs. per sq. foot, the connection between a deck ledger of P.T. Southern Pine, incised P.T. or approved decay-resistant species, and a 2" nominal lumber band joist bearing on a sill plate or wall plate shall be constructed with 1/2" lag screws or bolts with washers in accordance with code. Lag screws, bolts and washers are be hot-dipped galvanized or stainless steel. Placement of lag screws or bolts in deck ledgers and band joists are to code	[]	[]	[]	
R507.2.3	Deck lateral load connection is per code	[]	[]	[]	
	Deck posts footings have been inspected prior to concrete placement	[]	[]	[]	
City	Deck framing construction is per approved drawings.	[]	[]	[]	
	Deck framing includes necessary joists hangers, ledger strips, 1/2" bolting of main framing bands and stair stringers to support posts				
R507.3	Deck wood/plastic composites bear a label indicating the required performance levels and demonstrating compliance with the provisions of ASTM D 7032.	[]	[]	[]	
R507.3.1	Deck wood/plastic composites appear to have been installed in accordance with the manufacturer's instructions.	[]	[]	[]	
P2902.4.3 P2903.10	Hose bibbs are protected by an atmospheric-type or pressure-type vacuum breaker or a permanently attached hose connection vacuum breaker. Hose bibbs subject to freezing, including the "frost proof" type, are equipped with an accessible stop-and-waste-type valve inside the building for control and drainage during cold periods, unless exception is met.	[]	[]	[]	
R905.2.8.5	Drip edge is provided at eaves and gables of shingle roofs.	[]	[]	[]	
R903.2.1	Fireplace chimney A cricket or saddle is installed on the ridge side of any chimney or penetration more than 30 inches wide as measured perpendicular to the slope.	[]	[]	[]	
R1003.9	Chimney - shall extend 2' higher than any portion of the building within 10', but not less than 3' above the highest point when passing thru roof.	[]	[]	[]	
R1003.9	Chimney caps: masonry chimneys have concrete, metal or stone cap, sloped to shed water, a drip edge and spark arrestor	[]	[]	[]	
AF103.6	Radon piping is terminated min. 12" above the roof in a location at least 10 feet away from any window or other opening into the conditioned spaces of the building that is less than 2 feet below the exhaust point	[]	[]	[]	
City	No structure is located outside the building envelope	[]	[]	[]	

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Ref	Inspection Category and Item	Pass	Shall Correct	N/A	Comment
B. SITE AND HOUSE EXTERIOR (continued)					
	Retaining walls: location(s) per approved drawings; engineer's inspection reports have been received; guardrails have been installed, where required	[]	[]	[]	
City	<p>Abrupt grade elevation change: a permanent protective barrier such as heavy shrubbery or a permanent guardrail has been installed where an abrupt grade elevation changes of more than 30" inches but less than 60" exists. For grade elevation changes exceeding 60 inches, a permanent guardrail meeting the design standards established by the International Code Council (IRC) has been installed.</p> <p>If shrubbery is used as a permanent protective barrier, it shall meet the following requirements: a) the shrubbery is min. 36" in height; b) the shrubbery is an evergreen species approved by the city and having foliage of sufficient density to act as a safety barrier 12 months out of the year.</p> <p>A guard rail used as a permanent protective barrier is a min. 36" in height and is designed in accordance with International Code Council (IRC) standards.</p> <p>All guardrails shall be maintained in a safe, structurally sound and upright condition, and present a uniform appearance so as not to constitute a hazard, blight or condition of disrepair or neglect. Landscaping and shrubbery used as a permanent protective barrier shall be maintained to insure its viability. Any dead plantings shall be replaced to restore the required screen.</p>	[]	[]	[]	
C. GARAGE AND GARAGE SEPARATION					
R302.6 Table 302.6	Garage Separation: separation from the residence and attics is via 1/2" thick gypsum board or equivalent; separation from the habitable rooms above is via 5/8" thick Type X gypsum board or equivalent; structures supporting floor/ceiling assemblies used for separation by code via 1/2" thick gypsum board or equivalent	[]	[]	[]	
R302.5.2 M1601.4 .8	Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a min. No. 26 gage sheet steel or other approved material and have no openings into the garage.	[]	[]	[]	
	Ducts and other penetrations thru the separation have their openings sealed with an approved material to resist the free passage of flame and products of combustion.	[]	[]	[]	
	Openings between the garage and residence are equipped with solid wood doors not less than 1-3/8" in thickness, solid or honeycomb-core steel doors not less than 1-3/8" thick, or 20-minute fire-rated doors, equipped with a self-closing device	[]	[]	[]	
	Garage stairs: treads, tread nosing's and risers meet code. Where guard is required, guard is min. 36" in height. Where 4 or more stair risers exists, a code-complying handrail is installed 34"-38" above tread nosing with min. 1-1/2" clearance, when mounted to wall. Guard on open side of stairs does not allow passage of a sphere 4-3/8" in diameter	[]	[]	[]	
	The triangular openings at the open side of stairs, formed by the riser, tread and bottom rail of a guard, does not allow passage of a sphere 6" in diameter	[]	[]	[]	
P2801.6	Garage-located water heater - the water heater's ignition source is elevated min. 18" above garage floor	[]	[]	[]	

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Ref	Inspection Category and Item	Pass	Shall Correct	N/A	Comment
C. GARAGE AND GARAGE SEPARATION (continued)					
	Garage-located water heater (continued) - A pressure / temperature (P/T) relief valve has been installed and the release mechanism is not obstructed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	The P/T relief valve discharge pipe is not directly connected to the drainage system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P2903.9.2	A readily accessible full-open valve is installed in the cold-water supply pipe of the water heater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Fuel-fired water heater has required combustion air supply provided or appliance is listed as direct vent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Appliances located in private garage are installed with a minimum clearance of 6 feet above the floor. Exception: the appliances are protected from motor vehicle impact	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	There are no openings from a private garage directly into a room used for sleeping purposes				
D. KITCHEN					
R306.2	Every kitchen area is provided with a sink.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	No water leaks were noted under kitchen sink	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P2903.9.3	Potable water valves serving individual fixtures, appliances, risers and branches are provided with access. An individual shutoff valve is installed on the fixture water supply pipe to each plumbing fixture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	The dishwasher waste line rises and is securely fastened to the underside of the counter before connecting to the sink tailpiece	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	No S-trap has been created in the DWV piping under the kitchen sink	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P3114	Air admittance valve, when provided, has been installed per code	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Fuel-fired appliances have a gas shutoff valve within 6 feet of the appliance, and is installed upstream of the union, connector or quick disconnect device it serves. Each shutoff valve is provided with access	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Penetrations thru kitchen base cabinets have been sealed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E. BATHROOMS					
P2903.9.3	Potable water valves serving individual fixtures are provided with access. An individual shutoff valve is installed on the fixture water supply pipe to each plumbing fixture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	No water leaks were noted under sinks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	No S-trap has been created in the DWV piping under the bathroom sink	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P3114	Air admittance valves, when provided, have been installed per code	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Bathrooms, water closet compartments and other similar rooms are provided with aggregate glazing area in windows of not less than 3 sq. ft, one-half of which is openable or have been provided with artificial light and a local exhaust system of 50 cfm intermittent or 20 cfm continuous. Exhaust air from these spaces have been exhausted directly to the outdoors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P2720.1	Bathtubs equipped with circulation pumps shall be provided with an access opening per Mfg. or code for pump removal (12"x12" or 18"x18" when >2' from access)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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Ref	Inspection Category and Item	Pass	Shall Correct	N/A	Comment
E. BATHROOMS (continued)					
R308.4.5	Safety glazing has been installed in walls or enclosures containing or facing hot tubs, spas, whirlpools, saunas, steam rooms, bathtubs, showers where the bottom exposed edge of the glazing is less than 60" measured vertically above any standing or walking surface shall be considered a hazardous location. Exception: Glazing that is more than 60", measured horizontally and in a straight line, from the water's edge of a bathtub, hot tub, spa, whirlpool, or swimming pool.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F. STAIRWAYS AND HALLWAYS - INDOORS					
R311.6	The minimum width of hallways is not less than 3 feet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R311.7.3	Indoor stairways: stairways, ramps, landings, winders, risers, treads and tread nosing's, handrails etc. are code complaint.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R311.7.2	Stairways have minimum headroom clearance 6'-8" (6'-6" spirals) and 36" min. clear width	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R311.7.3	Flight of stairs do not have a vertical rise greater than 12 feet between floor levels or landings.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R303.7	All interior stairways are provided with a means to illuminate the stairs, including the landings and treads. Interior stairways are provided with an artificial light source located in the immediate vicinity of each landing of the stairway. Interior stair artificial light sources illuminate treads and landings to levels not less than 1 foot-candle (11 lux) measured at the center of treads and landings. Exception: An artificial light source is not required at the top and bottom landing, provided an artificial light source is located directly over each stairway section. Light activation where lighting outlets are installed in interior stairways, there is a wall switch at each floor level to control the lighting outlet where the stairway has six or more risers. Exception: Lights that are continuously illuminated or automatically controlled.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
G. EMERGENCY EXCAPE AND RESCUE OPENINGS					
R310	Emergency escape and rescue openings: basements, habitable attics and every sleeping room have at least one operable emergency escape and rescue opening. Where basements contain one or more sleeping rooms, emergency egress and rescue openings have been provided for each sleeping room	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R310	Emergency escape and rescue openings: Minimum opening areas required for basements, habitable attics and every sleeping room. Minimum 5.0 sq. ft for grade floor openings; Minimum 5.7 sq. ft for all other; Minimum height opening 24" net clear; Minimum width opening 20" net clear; Maximum sill height 44"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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Ref	Inspection Category and Item	Pass	Shall Correct	N/A	Comment
H. GUARDS AND WINDOW FALL PROTECTION					
R312.2	Where the opening of an operable window is located more than 72" above the finished grade or surface below, the lowest part of the clear opening of the window is a min. of 24" above the finished floor. Where openings of operable sections of windows are less than 24" of the finished floor, windows openings do not allow passage of a 4" diameter sphere or are equipped with window opening control devices, listed in compliance with ASTM F 2090. When located at emergency egress and rescue openings, the window opening control device, after operation to release the control device allowing the window to fully open, does not reduce the minimum net clear opening area of the window unit to less than the area required by code.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F. FENESTRATION / GLAZING AT HAZARDOUS LOCATIONS					
R308 R308.4	All safety glazing has been installed and labeled at hazardous locations. Glazing in doors; adjacent to doors; in windows; in guards and railings; at wet surfaces; adjacent to stairs and ramps; etc. as specified by code	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
G. SMOKE ALARMS AND CARBON MONOXIDE ALARMS					
	Smoke alarms: smoke alarms are installed in each sleeping room; outside each separate sleeping area in the immediate vicinity of the bedrooms; on each additional story of the dwelling, including basements and habitable attics; receive their primary power from the building wiring; and, are equipped with have battery-backup power	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Smoke alarms have been tested in my presence. Actuation of one alarm activated all the alarms in the house	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Carbon monoxide alarms: a carbon monoxide alarm is installed outside of each separate sleeping area in the immediate vicinity of the bedrooms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Carbon monoxide detection systems: carbon monoxide detection systems that include carbon monoxide detectors and audible notification appliances, installed and maintained in accordance with this section for carbon monoxide alarms and NFPA 720, is permitted. The carbon monoxide detectors shall be listed as complying with UL 2075.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
H. ENERGY CONSERVATION - partial					
	Blower door test passed, and 3 rd party test certification received	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.1	At least one programmable thermostat has been provided for each separate forced-air heating and cooling system. Thermostat is capable of maintain the HVAC system on a daily schedule and different times of the day.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Supply ducts are insulated to a minimum of R-6, unless ducts are installed on the inside of the building thermal envelope	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	The HVAC unit(s) complies with the minimum efficiency indicated in the approved construction documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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H. ENERGY CONSERVATION - partial (continued)					
R401.3	A permanent certificate is completed and posted on or in the electrical distribution panel. The certificate lists the predominant R-values of insulation installed in or on ceiling/roof, walls, foundation (slab, basement wall, crawl space wall and/or floor) and ducts outside conditioned spaces; U-factors for fenestration and the solar heat gain coefficient (SHGC) of fenestration, and the results from any required duct system and building envelope air leakage testing done on the building. Where there is more than one value for each component, the certificate list the value covering the largest area. The certificate list the types and efficiencies of heating, cooling and service water heating equipment. Where a gas-fired unvented room heater, electric furnace, or baseboard electric heater is installed in the residence, the certificate shall list "gas-fired unvented room heater," "electric furnace" or "baseboard electric heater," as appropriate. An efficiency shall not be listed for gas-fired unvented room heaters, electric furnaces or electric baseboard heaters.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	A min. of 50% of the lamps in permanently installed lighting fixtures are high-efficacy lamps.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I. ATTIC AREAS					
City and Code	Attic access Access to attic spaces must be provided through permanent stationary stairs from the floor below or pull-down attic stair, measuring at least 25 inches by 54 inches, and rated for 350 pounds. Attic spaces exceeding 2,000 square feet require two accesses, to be placed apart from each other by not less than one-half of the length of the maximum overall diagonal dimension of the attic area. If a second attic access is required, the rough-framed dimensions shall not be less than 30 inches by 30 inches. * Ceiling opening min. 30"x30" attic access w/ 30" min. vertical head clearance; * Wall opening min. 30" wide x 30" high; * In all cases, opening(s) shall be large enough to accommodate the removal of appliances, if applicable; * Travel distance to the appliance, if applicable, shall not exceed 20' and have 24" wide continuous solid flooring (see exception). * A luminaire controlled by a switch located at or near the opening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Radon piping is properly identified in exposed and visible locations with the <i>label</i> , "Radon Reduction System"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Radon piping has a 110-volt electrical outlet located within 6 feet of radon piping and where applicable and has a 24" walkway to the electrical outlet and radon piping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Attic insulation: Pull-down stairway assembly opening is insulated and weather-stripped. Backside of vertically mounted doors and upper side of horizontally mounted access panels have been weather-stripped and insulated to a level equivalent to the insulation on the surrounding surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Attic insulation is R-49. R-38 shall be deemed to satisfy the requirement for R-49 wherever the full height of uncompressed R-38 insulation extends over the wall top plate at the eaves.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	If spray foam utilized, provide builder with list of information requirements and follow-up	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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I. ATTIC AREAS (continued)					
	Attic insulation (continued): Eave baffles are installed at the eaves and baffles at other locations to prevent insulation from falling or wind-washing into the eaves and other spaces.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	The thickness of blown-in or sprayed roof/ceiling insulation (fiberglass or cellulose) is written in inches on markers that are installed at least one for every 300 sq. ft. throughout the attic space. The markers are affixed to the trusses or joists and marked with the minimum initial installed thickness with numbers a minimum of 1" in height. Each marker faces the attic access opening. Spray polyurethane foam thickness and installed R-value shall be listed on certification provided by the insulation installer.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Attic ventilation: Openings in roof sheathing meet code requirements. Where ridge vents are installed, roof sheathing has been cut back per ridge vent installation instructions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Attic - other: HVAC supply ducts in attics shall be insulated to a minimum of R-8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Clearances from Type-B vent piping and combustible materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Gas vent piping has min. 1/4"/ft. upward slope	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Gas vent piping is properly supported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Gas vent termination - minimum height from roof to lowest discharge opening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
M1411.3.1	Auxiliary drain pan(s) in place and free of debris	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Condensate drain line piping from HVAC unit are supported and sloped. Piping is insulated for a distance not less than 10' from the HVAC unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Roof framing members including trusses: unless otherwise noted, no evidence of damage is evident	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
J. MECHANICAL					
M2005.2	Water heaters Fuel-fired water heater is <i>not</i> located in a storage closet. If located in bedroom or bathroom, shall be in an enclosure and provided with combustion air	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P2801.5	Other locations where water leakage could cause damage, an approved pan under the water heater has been provided.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P2801.5	The pan is drained by an indirect waste pipe, not less than 3/4" of approved material; and extend full-size and terminate over an indirect waste receptor or shall extend to the building's exterior between 6" - 24" above the adjacent ground surface	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	A pressure/temperature (P/T) relief valve has been installed and the release mechanism releasing mechanism is not obstructed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	The P/T relief valve discharge pipe is not directly connected to the drainage system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Fuel-fired water heater has required combustion air supply provided or appliance is listed as direct vent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Fuel gas piping is properly supported / strapped	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Piping unions in concealed area(s) have access panels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
M1701	Combustion air requirements in compliance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
G2406.2	Appliances are not located in sleeping rooms, bathrooms, toilet rooms, storage closets, or in a space that opens only into such rooms or spaces, except where compliance with code exceptions have been met	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

◆ Residential Final Inspection Checklist - Building, Mechanical and/or Plumbing

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J. MECHANICAL (continued)					
G2406.3	Appliances installed in outdoor locations are either listed for outdoor installation or provided with protection from outdoor environmental factors that influence the operability, durability and safety of the appliance.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
M. ADDITIONAL COMMENTS (use additional pages if necessary and attach)					
	Provide product information for:				
	Structural engineer is to investigate and provide report for the following:				
NOTE	To request a reinspection, call the <i>Inspection Request Line</i> anytime, (615) 661-7077. Follow message prompts.				

Inspector's signature

Date of signature