

Approved at plan review. Approved By field inspection N/A Does not apply to this project.

Date	Builder		
House Address	City		
Type:	<input type="checkbox"/> New Construction	<input type="checkbox"/> Addition	<input type="checkbox"/> Renovation/Alteration
Compliance:	<input type="checkbox"/> Prescriptive Table	<input type="checkbox"/> Prescriptive UA Tradeoff (RESCheck)	<input type="checkbox"/> Performance <input type="checkbox"/> ERI

<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> N/A	Component	Code Provision	Prescriptive Code Value	RESCheck Tradeoff Value	2012 IECC Code Section
Pre-Inspection/Plan Review					
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Construction Documents	Construction drawings sufficiently demonstrates energy code compliance			R103.2
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	HVAC Load Calculations	HVAC loads sized according to <i>ACCA Manual J</i>			R403.7
Footing and Foundation Inspection					
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Unheated Slab	Unheated slab edge insulation R-value	R-10		R402.1.
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Vertical + horizontal from top of slab	4 ft		R402.2.10
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Heated Slab-On-Grade	Heated slab (Slab edge/Below full slab)	R-10/R-5		R402.2.10
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Basement Wall	Continuous exterior insulation	R-15		R402.2.9
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Exterior Insulation	Insulation depth (or to basement floor)	10 ft		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Crawl Space	Continuous, exterior	R-15		R402.2.11
Framing and Rough-in Inspection					
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Insulation Labeling	Installed insulation labeled and observable for inspection			R303.1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Windows & Doors	Area weighted average (max. value)	U-0.30		R402.3.5
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Skylight	U-factor (max. value)	U-0.55		R402.3.5
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Fenestration	Windows, doors, and skylights certified and labeled			R402.3.5
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Fenestration	Infiltration rate maximum for windows, skylights, and sliding doors	0.3 CFM/ft ²		R402.4.3
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Fenestration	Infiltration rate maximum for swinging doors	0.5 CFM/ft ²		R402.4.3
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Fenestration	Windows, doors, and skylights air leakage listed and labeled			R402.4.3
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Ceiling Insulation	Ceiling insulation R-value	R-49		R402.2.1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		If full thickness over wall top plates	R-38		R402.2.1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Attic Access Hatch	Hatch door insulation	R-49		R402.2.4
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Framed Wall Insulation	Framed wall	R-21		R402.1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Exterior framed wall + continuous	R-13+R-5		R402.1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Exterior Wall	Vapor retarder installed per IRC R702.7			402.1.1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Mass Wall	More than 50% of insulation on interior	R-20		R402.2.5
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Less than 50% of insulation on interior	R-15		R402.2.5

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<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Floor Insulation	Must be in contact with floor sheathing	R-30		R402.2.8
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Basement Insulation	Continuous Insulation	R-15		R402.2.9
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Framed wall	R-19		R402.2.9
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Basement wall exposed insulation protected			R303.2.1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Crawlspace	Cavity insulation	R-19		R402.1.1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Continuous, interior	R-15		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Continuous Class 1 vapor retarder, joints overlapped 6" and sealed, extending 6" up the stem wall			R402.2.11
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Rooms Containing Fuel-Burning Appliances	Open fuel-burning appliances must be intalled in insulated (walls, ceiling, floor) and sealed rooms	Basement Wall R-Value		R402.4.4
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Sunroom (Thermally Isolated)	Glazing U-factor	U-0.45		R402.3.5
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Skylight U-factor	U-0.70		R402.3.5
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Wall insulation at conditioned space	R-13		R402.2.13
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Wall insulation at conditioned space	R-21 or R-13+5		R402.2.13
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Ceiling insulation	R-24		R402.2.13
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Duct Insulation	Ducts in unconditioned attic \geq 3" dia.	R-8		R403.3.1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Ducts in unconditioned attic $<$ 3" dia.	R-6		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Vented crawlspace, unconditioned basement, exterior walls \geq 3" dia.	R-6		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Vented crawlspace, unconditioned basement, exterior walls $<$ 3" dia.	R4.2		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Recessed Light Fixtures	IC-rated fixtures that meet infiltration criteria			R402.4.5
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Duct Sealing	Sealed with approved tapes, mastics, and gaskets			R403.3.2
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Building cavities not used for ducts			R403.3.5
Mechanical Rough-In Inspection					
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Mech Sys Piping Insul	Carrying fluids \geq 105 degrees F or \leq 55 degrees F	R-3		R403.4
Plumbing Rough-In Inspection					
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Service Hot Water	HW piping insulation under specific conditions	R-3		R403.5

Notes _____

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<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> N/A	Component	Code Provision	Prescriptive Code Value	RESCheck Tradeoff Value	2012 IECC Code Section
Final Inspection					
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Energy Certificate	Permanent energy label posted on electrical panel			R401.3
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	All Components	All materials, systems, and equipment installed per manufacturer's instructions and building code			R303.2
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Air Sealing	Tested by blower door (ACH50)	≤4		R402.4.1.2
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Per Air Barrier and Insulation Installation Table		R402.4.1.1	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Report submitted in accordance with referenced standard		R402.4.1.2	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Wood Fireplace	Gasketed doors, outdoor combustion air			R402.4.2
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Forced Air Furnace	Programmable thermostat installed			R403.1.1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Exhaust Openings	Dampers on all outdoor intake & exhaust openings			R403.6
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Pools and In-ground Spas	Heater accessible manual controls + time switch + cover			R403.10
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Duct Tightness Test	Postconstruction	≤4 CFM/100 ft ²		R403.3.4
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(Not required if ducts & air handler are entirely within conditioned space)	Rough-in , furnace installed	≤4 CFM/100 ft ²		R403.3.4
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Rough-in , furnace not installed	≤3 CFM/100 ft ²		R403.3.4
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Written report submitted			R403.3.3
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Service Hot Water	Circulating HW systems have automatic or accessible manual controls			R403.5.1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Snowmelt	Snow-melt controls			R403.9
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Lighting	% of fixtures with high-efficacy lamps	90%		R404.1

Duct Tightness Test Results

Test Date: _____ House Floor Area ft²: _____ Leakage Limit CFM25: _____

_____ CFM25: Rough-in Total Duct Leakage CFM/100 ft² of cond. floor area, furnace not installed, or

_____ CFM25: Rough-in Total Duct Leakage CFM/100 ft² of cond. floor area, furnace installed, or

_____ CFM25: Postconstruction Total Duct Leakage CFM/100 ft² of conditioned floor area.

Building Tightness Test Results*

Test Date: _____ House Volume ft³: _____ House Floor Area ft²: _____

Referenced Standard Used in Testing: RESNET/ICC 380 ASTM E779 ASTM E1827

Measured airflow at 50 Pascals (CFM50): _____

Air Change at 50 Pascals (ACH50 = (CFM50 x 60)/Volume): _____

* This abbreviated test information form is insufficient to comply with the more detailed information required by the referenced standards per R402.4.1.2.

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TABLE R402.4.1.1 Air Barrier and Insulation Installation			
<input checked="" type="checkbox"/> <input type="checkbox"/> N/A	Component	Air Barrier Installation Criteria	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	General requirements	A continuous air barrier shall be installed in the building envelope. The exterior thermal envelope contains a continuous air barrier. Breaks or joints in the air barrier shall be sealed.	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Ceiling/attic	The air barrier in any dropped ceiling or soffit shall be aligned with the insulation and any gaps in the air barrier shall be sealed. Access openings, drop-down stairs, or knee wall doors to unconditioned attic spaces shall be sealed.	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Walls	The junction of the top plate and the top of exterior walls shall be sealed. The junction of the foundation and sill plate shall be sealed. Knee walls shall be sealed.	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Windows, skylights, and doors	The space between framing and skylights, and the jambs of windows and doors, shall be sealed.	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Rim joists	Rim joists shall include the air barrier.	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Floors, including cantilevered floors and floors above garages	The air barrier shall be installed at any exposed edge of insulation.	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Crawl space walls	Exposed earth in unvented crawl spaces shall be covered with a Class I vapor retarder with overlapping joints taped.	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Shafts, penetrations	Duct shafts, utility penetrations, and flue shafts opening to exterior or unconditioned space shall be sealed.	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Garage separation	Air sealing shall be provided between the garage and conditioned spaces.	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Recessed lighting	Recessed light fixtures installed in the building thermal envelope shall be sealed to the finished surface.	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Shower/tub on exterior wall	The air barrier installed at exterior walls adjacent to showers and tubs shall separate the wall from the shower or tub.	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Electrical/phone box on exterior walls	The air barrier shall be installed behind electrical and communication boxes. Alternatively, air-sealed boxes shall be installed.	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	HVAC register boots	HVAC supply and return register boots that penetrate building thermal envelope shall be sealed to the subfloor, wall covering, or ceiling penetrated by the boot.	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Concealed sprinklers	Where required to be sealed, concealed fire sprinklers shall only be sealed in a manner that is recommended by the manufacturer. Caulking or other adhesive sealants shall not be used to fill voids between fire sprinkler cover plates and walls or ceilings.	

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TABLE R402.4.1.1 Air Barrier and Insulation Installation

	Component	Insulation Installation Criteria
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	General requirements	Cavities within corners and headers of frame walls shall be insulated by completely filling the cavity with a material having a thermal resistance, R-value, of not less than R-3 per inch. Exterior thermal envelope insulation for framed walls shall be installed in substantial contact and continuous alignment with the air barrier.
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Ceiling/attic	The insulation in any dropped ceiling/soffit shall be aligned with the air barrier.
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Walls	Cavities within corners and headers of frame walls shall be insulated by completely filling the cavity with a material having a thermal resistance, R-value, of not less than R-3 per inch. Exterior thermal envelope insulation for framed walls shall be installed in substantial contact and continuous alignment with the air barrier.
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Rim joists	Rim joists shall be insulated.
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Floors, including cantilevered floors and floors above garages	Floor framing cavity insulation shall be installed to maintain permanent contact with the underside of subfloor decking. Alternatively, floor framing cavity insulation shall be in contact with the top side of sheathing, or continuous insulation installed on the underside of floor framing; and shall extend from the bottom to the top of all perimeter floor framing members.
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Crawl space walls	Crawl space insulation, where provided instead of floor insulation, shall be permanently attached to the walls.
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Narrow cavities	Batts to be installed in narrow cavities shall be cut to fit or narrow cavities shall be filled with insulation that on installation readily conforms to the available cavity space.
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Recessed lighting	Recessed light fixtures installed in the building thermal envelope shall be airtight and IC-rated.
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Plumbing and wiring	In exterior walls, batt insulation shall be cut neatly to fit around wiring and plumbing, or insulation, that on installation readily conforms to available space, shall extend behind piping and wiring.
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Shower/tub on exterior wall	Exterior walls adjacent to showers and tubs shall be insulated.

Notes _____
