

CT or Jurisdiction Logo here

Residential Plan Review Checklist

2018 CT Energy Code/2015 IECC as Amended by CT

Project #: XX.XXXX.XX- Date: _____ Name of Evaluator(s): _____

Building Contact: Name: _____ Phone: _____ Email: _____

Building Name & Address: _____

Subdivision: _____ Lot #: _____ Conditioned Floor Area: _____ ft²

Climate Zone: _____ County: _____ Jurisdiction: _____

Compliance Approach: Prescriptive Trade-Off Performance Compliance Software Other

Compliance Software Used: _____ Green Building/Above-Code Program? Yes No

Building Type: 1- and 2-Family, Detached: Single Family Modular Townhouse

Multifamily: Apartment Condominium

Project Type: New Building Existing Building Addition Existing Building Renovation

Special Considerations: Historic Building Commercial Space

Provisions Highlighted in Blue are Mandatory, Regardless of Compliance Path

IECC Section #	Pre-Inspection/Plan Review	Code Value	Verified Value	Complies			Comments/Assumptions ¹
				Y	N	N/A	
R103.2	Construction drawings and documentation available. Documentation sufficiently demonstrates energy code compliance.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Insulation materials and their R-values			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Fenestration U-factors			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Area-weighted U-factor			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Mechanical system design criteria			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Mechanical and service water heating system and equipment types, sizes and efficiencies			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Equipment and systems controls			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Duct sealing, duct and pipe insulation and location			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Lighting fixture schedule with wattage			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Air sealing			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.7	Man J&S HVAC calculations: Heating system size(s): Cooling system size(s):		kBtu: _____ kBtu: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Written Statement of Compliance from Design Professional				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

¹ Use Comments/Assumptions to document code requirements that pass due to exceptions, and specify the exception. Also use Comments/Assumptions to document multiple values observed for a given code requirement, such as multiple equipment efficiencies.

IECC Section #	Requirement	Code Value	Verified Value	Complies			Comments/Assumptions
				Y	N	N/A	
R401.3	Certificate Posting	In furnace/ utility room or approved location	Identify location	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Table R402.1.2	Slab edge insulation R-value.	Unheated: R-10 Heated: R-15	R-____ <input type="checkbox"/> Unheated <input type="checkbox"/> Heated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Table R402.1.2	Slab edge insulation depth/length.	2 ft. Z- 4 & 5 4 ft. Z-6	____ ft.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Table R402.1.2	Basement wall insulation R-value ⁱ .	Continuous: R-10 Z-4 R-15 Z-5, Z-6 Cavity: R-13 Z-4 R-19 Z-5, Z-6	R-____ R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.9	Basement wall insulation depth.	10 ft. or to basement floor	____ ft.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Table R402.1.2 And R402.2.11	Crawl space wall insulation R-value. From floor to finished grade, plus 2' vertical or horizontal	Continuous: R-10 Z-4 R-15 Z-5, Z-6 Cavity: R-13 Z-4 R-19 Z-5, Z-6	R-____ R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.11	Crawl space continuous vapor retarder	Required Class I		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R303.2.1	Exposed foundation insulation protection.	6" below grade		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.9	Snow melt controls.	Automatic controls over 50°F		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Table R402.1.2	Fenestration U-factor ⁱⁱ	Max: U-0.35 Z-4 U-0.32 Z5, Z-6	U-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.5	Maximum Fenestration U-factor, Area weighted average (trade-offs)	Max: U-0.48 Z-4, Z-5 U-0.40 Z-6	U-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Table R402.1.2	Glazed Fenestration SHGC	Max: 0.40 Z-4 NR Z-5, Z-6	SHGC-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4.3	Glazed fenestration air leakage.	0.3 cfm/ft ² max	____ cfm/ ft ²	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Window Manufacturer						
R402.4.3	Sliding door air leakage.	0.3 cfm/ft ² max	____ cfm/ ft ²	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4.3	Swinging door air leakage	0.5 cfm/ft ² max	____ cfm/ ft ²	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Door Manufacturer						
Table R402.1.2	Floor insulation R-value.	Wood: R-19 Z-4 R-30 Z- 5 & 6 ⁱⁱⁱ Steel: ^{iv} See footnote	R-____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Table R402.1.2	Wall insulation R-value	Wood: Z-4 and Z-5 = R-20 or R-13+5 Z-6 = R-20+5 or 13+10 Steel: ^v See footnote	R-____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

IECC Section #	Requirement	Code Value	Verified Value	Complies			Comments/Assumptions
				Y	N	N/A	
Table R402.1.2	Ceiling insulation R-value	Wood: R-49 (All Zones) Steel Truss ^{vi} R-38+5	R-____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.3	Eave Baffle	For air-permeable insulation		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Table R402.1.2	Mass wall insulation R-value.	R-8/13 Z-4 ^{vii} R-13/17 Z-5 ^{vii} R-15/20 Z6 ^{vii}	R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.13	Sunroom wall insulation (Enclosing conditioned space)	Per Table R402.1.2	R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.13	Sunroom wall insulation (Thermally isolated and conditioned)	R-13 All climate zones	R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.13	Sunroom ceiling insulation (Enclosing conditioned space)	Per Table R402.1.2	R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.13	Sunroom ceiling insulation (Thermally isolated and conditioned)	R-19 Z-4 R-24 Z-5, Z-6	R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.3.5	Sunroom glazing U-factor (Enclosing conditioned space)	Per Table R402.1.2	U-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.3.5	Sunroom glazing U-factor (Thermally isolated and conditioned)	U-0.45 max. (All Zones)	U-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.3.5	Sunroom skylight U-factor (Enclosing conditioned space)	Per Table R402.1.2	U-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.3.5	Sunroom skylight U-factor (Thermally isolated and conditioned)	U-0.70 max. (All Zones)	U-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Skylight Manufacturer						
R402.2.4	Attic access hatch and door (insulation)	R-49 (All Zones)	R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.4	Attic access hatch and door (weather-stripping)	Wood frame or equivalent insul. retainer		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4.6	Tenant separation walls	R-10 w/ air seal	R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4	Air Leakage (Building Thermal Envelope)	All building materials installed per Table R402.1.1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4.1.2	Air Leakage Testing	3 air changes per hour (All zones) Blower door test	<input type="checkbox"/> Stated <input type="checkbox"/> Stated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4.5	IC-rated recessed lighting fixtures meet infiltration criteria.	< 2.0 cfm air leakage Sealed	<input type="checkbox"/> Stated <input type="checkbox"/> Stated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4.4	Rooms containing fuel burning appliances	Outside or enclosed in a room	<input type="checkbox"/> Meets exceptions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.1.1	Vapor Retarder (IRC R702.7)	Class I or II (Zones 5 and 6 only)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.1.1	Thermostat	Programmable		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

IECC Section #	Requirement	Code Value	Verified Value	Complies			Comments/Assumptions
				Y	N	N/A	
R403.3.1	Duct insulation.	Supply & Return in Attics: R-8 for ≥ 3 " Dia. R-6 for < 3 " Dia. Other: R-6 for ≥ 3 " Dia. R-4.2 for < 3 " Dia.	<input type="checkbox"/> Inside building thermal envelope exception	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.3.2	Duct sealing complies with listed sealing methods.	All joints and seams	<input type="checkbox"/> Meets exception	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.3.3	Duct Testing	0.1 inch w.g. pressure differential Rough-in test required Post construction test required	<input type="checkbox"/> Stated <input type="checkbox"/> Stated <input type="checkbox"/> Stated <input type="checkbox"/> Exception	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.3.5	Building cavities NOT used as ducts or plenums	Stated? Shown?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.4	HVAC piping insulation.	R-3 ($> 105^\circ\text{F}$ For $< 55^\circ\text{F}$)	R-_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.5.1	Heated water circulation and temperature maintenance system	Per requirements of Section R403.5.1.1 or R403.5.1.2	<input type="checkbox"/> Circulation System <input type="checkbox"/> Heat Trace System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.5.3	Hot water pipe insulation	R-3 per specified locations		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R404.1	Lighting – Minimum 75% of lamps are high efficacy.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4.2	Wood burning fireplace	Tight-fitting flue damper or doors		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.10	Pool heaters, covers, and automatic or accessible manual controls.	Accessible on/off switch. Time Switch		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ⁱⁱ One side-hinged door up to 24 ft² can be exempted from the prescriptive door U-factor requirements.

ⁱⁱⁱ Or insulation sufficient to fill the cavity, R-19 minimum.

^{iv} Floor steel frame equivalent: See Table R402.2.6

^v Wall steel frame equivalent: See Table R402.2.6

^{vi} Steel truss equivalent: See Table R402.2.6

^{vii} The second R-value applies when more than half the insulation is on the interior of the mass wall.

Table R402.4.1.1
Air Barrier and Insulation Installation

Component	Air Barrier Criteria	Insulation Installation Criteria
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.	Air-permeable insulation shall not be used as a sealing material.
Ceiling/attic	The air barrier in any dropped ceiling/soffit shall be aligned with the insulation mid 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.	The insulation in any dropped ceiling/soffit shall be aligned with the air barrier.
Walls	The junction of the foundation and sill plate shall be sealed. The junction of the top plate and the top of exterior walls shall be sealed Knee walls shall be sealed.	Cavities within comers and headers of frame walls shall be insulated by completely filling the cavity with a material having a thermal resistance of R-3 per inch minimum. Exterior thermal envelope insulation for framed walls shall be installed in substantial contact and continuous alignment with the air barrier.
Windows, skylights and doors	The space between window/door jambs and framing, and skylights and framing shall be sealed.	
Rim Joists	Rim joists shall include the air barrier.	Rim joists shall be insulated.
Floors (including above garage And cantilevered floors)	The air barrier shall be installed at any exposed edge of insulation.	Floor framing cavity insulation shall be installed to maintain permanent contact with (he underside of subfloor decking, or floor framing cavity insulation shall be permitted to be in contact with the top side of sheathing, or continuous insulation installed on the underside of floor framing and extends from the bottom to the top of all perimeter floor framing members.
Crawl space walls	Exposed earth in unvented crawl spaces shall be covered with a Class I vapor retarder with overlapping joints taped.	Where provided instead of floor insulation, insulation shall be permanently attached to the Crawlspace walls.
Shafts, penetrations	Duct shafts, utility penetrations, and flue shafts opening to exterior or unconditioned space shall be sealed.	
Narrow cavities		Batts in narrow cavities shall be cut to fit, or narrow cavities shall be filled by insulation that on installation readily conforms to the available cavity space.
Garage separation	Air sealing shall be provided between the garage and conditioned spaces.	
Recessed lighting	Recessed light fixtures installed in the building thermal envelope shall be sealed to the drywall.	Recessed light fixtures installed in the building thermal envelope shall be air tight and IC rated.
Plumbing and wiring		Batt insulation shall be cut neatly to fit around wiring and plumbing in exterior walls, or insulation that on installation readily conforms to available space shall extend behind piping and wiring
Shower/tub on exterior wall	The air barrier installed at exterior walls adjacent to showers and tubs shall separate them from the showers and tubs.	Exterior walls adjacent to showers and tubs shall Be installed.
Electrical/phone box on exterior wall	The air barrier shall be installed behind electrical or communication boxes or air-sealed boxes shall be installed.	
HVAC register boots	HVAC register boots that penetrate building thermal envelope shall be sealed to the subfloor or drywall.	
Concealed sprinklers	When 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.	

Residential Inspection Checklist

2018 CT Energy Code/2015 IECC as Amended by CT

Project #: XX.XXXX.XX- Date: _____ Name of Evaluator(s): _____

Building Contact: Name: _____ Phone: _____ Email: _____

Building Name & Address: _____

Subdivision: _____ Lot #: _____ Conditioned Floor Area: _____ ft²

Climate Zone: _____ County: _____ Jurisdiction: _____

Compliance Approach: Prescriptive Trade-Off Performance Compliance Software Other

Compliance Software Used: _____ Green Building/Above-Code Program? Yes No

Building Type: 1- and 2-Family, Detached: Single Family Modular Townhouse

Multifamily: Apartment Condominium

Project Type: New Building Existing Building Addition Existing Building Renovation

Special Considerations: Historic Building Commercial Space

Provisions Highlighted in Blue are Mandatory, Regardless of Compliance Path

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Insulation materials and their R-values				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fenestration U-factors				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Area-weighted U-factor				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Mechanical system design criteria				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Mechanical and service water heating system and equipment types, sizes and efficiencies				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Equipment and systems controls				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Duct sealing, duct and pipe insulation and location				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Lighting fixture schedule with wattage				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Air sealing				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.7	HVAC loads calculations: Heating system size(s): Cooling system size(s):		kBtu: _____ kBtu: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Written Statement of Compliance from Design Professional				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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Table R402.1.2	Slab edge insulation R-value.	Unheated: R-10 Heated: R-15	R-____ <input type="checkbox"/> Unheated <input type="checkbox"/> Heated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Table R402.1.2	Slab edge insulation depth/length.	2 ft. Z- 4 & 5 4 ft. Z-6	____ ft.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Table R402.1.2	Basement wall insulation R-value ⁱ .	Continuous: R-10 Z-4 R-15 Z-5, Z-6 Cavity: R-13 Z-4 R-19 Z-5, Z-6	R-____ R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.9	Basement wall insulation depth.	10 ft. or to basement floor	____ ft.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Table R402.1.2 And R402.2.11	Crawl space wall insulation R-value. From floor to finished grade, plus 2' vertical or horizontal	Continuous: R-10 Z-4 R-15 Z-5, Z-6 Cavity: R-13 Z-4 R-19 Z-5, Z-6	R-____ R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.11	Crawl space continuous vapor retarder	Required Class I		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R303.2.1	Exposed foundation insulation protection.	6" below grade		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.9	Snow melt controls.	Automatic controls over 50°F		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Table R402.1.2	Fenestration U-factor ⁱⁱ	Max: U-0.35 Z-4 U-0.32 Z5, Z-6	U-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.5	Maximum Fenestration U-factor, Area weighted average (trade-offs)	Max: U-0.48 Z-4, Z-5 U-0.40 Z-6	U-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Table R402.1.2	Glazed Fenestration SHGC	Max: 0.40 Z-4 NR Z-5, Z-6	SHGC-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4.3	Glazed fenestration air leakage.	0.3 cfm/ft ² max	____ cfm/ ft ²	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Window Manufacturer						
R402.4.3	Sliding door air leakage.	0.3 cfm/ft ² max	____ cfm/ ft ²	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4.3	Swinging door air leakage	0.5 cfm/ft ² max	____ cfm/ ft ²	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Door Manufacturer						
Table R402.1.2	Floor insulation R-value.	Wood: R-19 Z-4 R-30 Z- 5 & 6 ⁱⁱⁱ Steel: ^{iv} See footnote	R-____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Table R402.1.2	Wall insulation R-value	Wood: Z-4 and Z-5 = R-20 or R-13+5 Z-6 = R-20+5 or 13+10 Steel: ^v See footnote	R-____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

IECC Section #	Requirement	Code Value	Verified Value	Complies			Comments/Assumptions
				Y	N	N/A	
Table R402.1.2	Ceiling insulation R-value	Wood: R-49 (All Zones) Steel Truss ^{vi} R-38+5	R-____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.3	Eave Baffle	For air-permeable insulation		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Table R402.1.2	Mass wall insulation R-value.	R-8/13 Z-4 ^{vii} R-13/17 Z-5 ^{vii} R-15/20 Z6 ^{vii}	R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.13	Sunroom wall insulation (Enclosing conditioned space)	Per Table R402.1.2	R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.13	Sunroom wall insulation (Thermally isolated and conditioned)	R-13 All climate zones	R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.13	Sunroom ceiling insulation (Enclosing conditioned space)	Per Table R402.1.2	R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.13	Sunroom ceiling insulation (Thermally isolated and conditioned)	R-19 Z-4 R-24 Z-5, Z-6	R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.3.5	Sunroom glazing U-factor (Enclosing conditioned space)	Per Table R402.1.2	U-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.3.5	Sunroom glazing U-factor (Thermally isolated and conditioned)	U-0.45 max. (All Zones)	U-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.3.5	Sunroom skylight U-factor (Enclosing conditioned space)	Per Table R402.1.2	U-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.3.5	Sunroom skylight U-factor (Thermally isolated and conditioned)	U-0.70 max. (All Zones)	U-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Skylight Manufacturer						
R402.2.4	Attic access hatch and door (insulation)	R-49 (All Zones)	R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.2.4	Attic access hatch and door (weather-stripping)	Wood frame or equivalent insul. retainer		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4.6	Tenant separation walls	R-10 w/ air seal	R-____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4	Air Leakage (Building Thermal Envelope)	All building materials installed per Table R402.1.1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4.1.2	Air Leakage Testing	3 air changes per hour (All zones) Blower door test	<input type="checkbox"/> Stated <input type="checkbox"/> Stated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4.5	IC-rated recessed lighting fixtures meet infiltration criteria.	< 2.0 cfm air leakage Sealed	<input type="checkbox"/> Stated <input type="checkbox"/> Stated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4.4	Rooms containing fuel burning appliances	Outside or enclosed in a room	<input type="checkbox"/> Meets exceptions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.1.1	Vapor Retarder (IRC R702.7)	Class I or II (Zones 5 and 6 only)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.1.1	Thermostat	Programmable		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

IECC Section #	Requirement	Code Value	Verified Value	Complies			Comments/Assumptions
				Y	N	N/A	
R403.3.1	Duct insulation.	Supply & Return in Attics: R-8 for ≥ 3 " Dia. R-6 for < 3 " Dia. Other: R-6 for ≥ 3 " Dia. R-4.2 for < 3 " Dia.	<input type="checkbox"/> Inside building thermal envelope exception	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.3.2	Duct sealing complies with listed sealing methods.	All joints and seams	<input type="checkbox"/> Meets exception	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.3.3	Duct Testing	0.1 inch w.g. pressure differential Rough-in test required Post construction test required	<input type="checkbox"/> Stated <input type="checkbox"/> Stated <input type="checkbox"/> Stated <input type="checkbox"/> Exception	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.3.5	Building cavities NOT used as ducts or plenums	Stated? Shown?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.4	HVAC piping insulation.	R-3 ($> 105^\circ\text{F}$ For $< 55^\circ\text{F}$)	R-_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.5.1	Heated water circulation and temperature maintenance system	Per requirements of Section R403.5.1.1 or R403.5.1.2	<input type="checkbox"/> Circulation System <input type="checkbox"/> Heat Trace System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.5.3	Hot water pipe insulation	R-3 per specified locations		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R404.1	Lighting – Minimum 75% of lamps are high efficacy.			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R402.4.2	Wood burning fireplace	Tight-fitting flue damper or doors		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
R403.10	Pool heaters, covers, and automatic or accessible manual controls.	Accessible on/off switch. Time Switch		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ⁱⁱ One side-hinged door up to 24 ft² can be exempted from the prescriptive door U-factor requirements.

ⁱⁱⁱ Or insulation sufficient to fill the cavity, R-19 minimum.

^{iv} Floor steel frame equivalent: See Table R402.2.6

^v Wall steel frame equivalent: See Table R402.2.6

^{vi} Steel truss equivalent: See Table R402.2.6

^{vii} The second R-value applies when more than half the insulation is on the interior of the mass wall.