App. Approved_____
Date Authorized Official

App.Disapproved_____
Date Authorized Official

Sewer Permit No._____
Date

Electrical Permit No._____
Date

Board Decisions _____ Case # _____

_____

TOWN OF CLAY

4401 Route 31, Clay, NY 13041 (315) 652-3800

RESIDENTIAL NEW HOUSE BUILDING PERMIT APPLICATION

Code Enforcement

Permit Number_____

Date Filed_____

Tax Map Number _____-_____-_____

Applicant – do not write above this line

Visit us online at: www.townofclayny.gov

_____ New Building * _____SF ***** # Bedrooms_____

*** Required Information**

***** # Bathrooms_____

* Habitable SF_____

* Style_____

*Model_____

Building Permit Fees

BASED ON THE SCHEDULE BELOW:

Up to 1500 Sq. Ft.	**$ 600.00**
1501 to 2000 Sq. Ft.	**$ 800.00**
2001 to 2500 Sq. Ft.	**$1,000.00**
2501 to 3000 Sq. Ft.	**$1,200.00**
3001 Sq. Ft. and up…	**$1,400.00**

**Square footage will be based on house square footage excluding garage square footage and unfinished basement space. Any discrepancies or additional square footage added during construction will be addressed before a Certificate of Occupancy will be issued.

Property Information

Address or Tract/Lot_____

_____Zip_____

Zoning District_____

Owner Information - PLEASE PRINT

Property Owner_____

Owner's Address_____

Owner's Phone No.(H)_____(W)_____

Owner's Signature:_____

Value of Residence $_____

Permit Fee: $_____

Project Description Description of Proposed Development or Intended Use_____

_____

Approved Plan Reference: Phone_____

Architect or Engineer_____ Plan Date (Original)_____

Company_____ Last Revision_____

Plan Title_____ Number of Pages_____

Applicant Information: (if different from owner)

x_____ is the _____
(Name of individual signing application) (agent, contractor, corporate officer, etc.)

x_____Zip_____
(Address) (City) (State)

_____Phone_____
(Signature)

APPLICATION IS HEREBY MADE to the commissioner for the issuance of a Building Permit pursuant to the New York State Uniform Fire Prevention and Building Code for the construction of buildings, additions or alterations, or for removal or demolition, as herein described. The applicant agrees to comply with all applicable laws, ordinances and regulations.

Contractor Information:

Name of Contractor_____ Site Contact Person_____ Phone_____

Address_____State_____Zip_____

Contractors Liability Insurance : _____ **ATTACHED, OR** _____ **ON FILE**

Workers' Compensation Insurance and Disability Insurance: _____ **ATTACHED, OR** _____ **ON FILE**

Electrical work to be inspected by, and Certificate of Approval obtained from, the CNY Electrical Inspection Service, Commonwealth Electrical Inspection Service, Middle Department Inspection Agency or The Inspector.

Plumbing work to be inspected by, and Certificate of Approval obtained from, The Onondaga County Dept. of Health.

Please attach separate drawing (survey) showing clearly and distinctly all buildings, whether existing or proposed, and indicate all set-back dimensions from property lines. Show street names and indicate whether interior or corner lot.

OFFICE USE: ( ) Applicant ( ) Assessor ( ) File 5/11

Town of Clay

NOTICE OF UTILIZATION OF TRUSS TYPE CONSTRUCTION, PRE-ENGINEERED WOOD CONSTRUCTION AND/OR TIMBER CONSTRUCTION

Owner of Subject Property: _____
Subject Property: Street address and tax map number of the subject property
_____
Check what permit is for
__ New Residential Structure
__ Addition to existing residential structure
__ Rehabilitation to existing residential structure
to be constructed or performed at the subject property reference above will utilize (Check applicable line)
__ truss type construction (TT)
__ pre-engineered wood construction (PW)
__ timber construction (TC)

in the following location(s) (check applicable line):
__ floor framing, including girders and beams (F)
__ roof framing (R)
__ floor framing and roof framing (FR).

By signing and dating below you state the above information will be followed.
Date: _____
Signature of person submitting the form _____
Print Name of above person _____
___ owner ___owners representative

Section 1265.4. Sign or symbol.
(a) Each new residential structure and each addition to or rehabilitation of an existing residential structure that utilizes truss type construction, pre-engineered wood construction and/or timber construction shall be identified by a sign or symbol in accordance with the provisions of this Part.
(b) The sign or symbol required by this Part shall by affixed to the electric box attached to the exterior of the residential structure; provided, however, that:
(1) if affixing the sign or symbol to the electric box would obscure any meter on the electric box, or if the utility providing electric service to the residential structure does not allow the sign or symbol to be affixed to the electric box, the sign or symbol shall be affixed to the exterior wall of the residential structure at a point immediately adjacent to the electric box; and
(2) if no electric box is attached to the exterior of the residential structure or if, in the opinion of the authority having jurisdiction.

Department of Code Enforcement

4401 State Route 31
Clay, New York 13041-8707
Website:
www.townofclayny.gov

TOWN of CLAY
A great place to live, work, and raise a family.

Phone: (315) 652-3800
Fax: (315) 622-7259
E-mail: Codes@townofclay.org

PROCEDURES FOR OBTAINING A NEW PRESIDENTIAL HOME OR ADDITION BUILDING PERMIT

____1. Permit Application

____2. 2 Sets of Stamped Architectural Drawings, one set of 11x17 drawings, and an electronic file.

____3. Driveway Permit _____Town Road ____County Road

____5. Truss Certifications

____6. Survey Showing Placement of New Home

____7. Approved Septic System and Well Design where applicable

____8 Contractor Certificate of Liability Insurance

____9. Contractor Certificate of NYS Workman's Compensation Insurance & Disability

____10. Fee (See Permit Application)

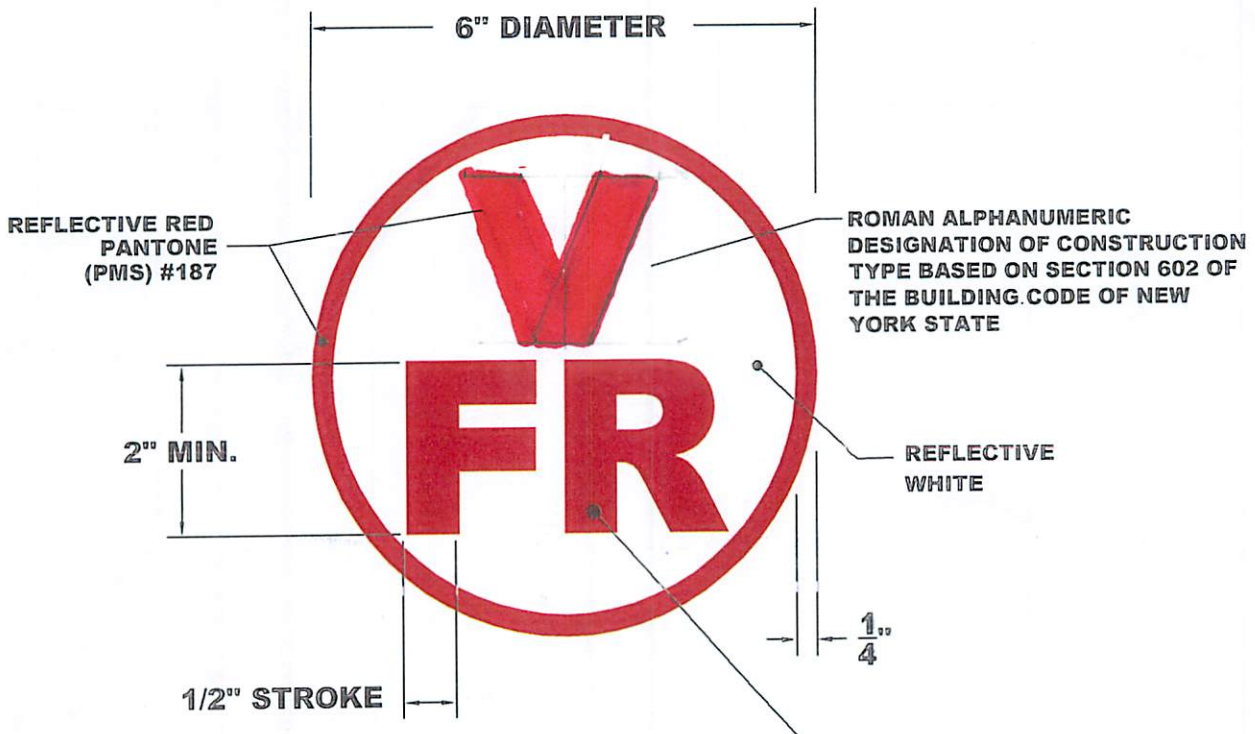
____11. Electrical Inspection Agencies (Choose One)

1) CNY Electrical Inspection, LLC Larry Kinne (315-633-0027
2) Commonwealth Electrical Inspection Service, 1-800-801-0309
3) The Inspector, Tim Willsey 1-800-487-0535 or 315-247-9162
4) Middle Department Inspection Agency, Aaron Bellows 315-452-5304

Permit approval time will be based on the extent of the project – A MINIMUM OF 5 BUSINESS DAYS

All plumbing, electrical and driveway permits must be applied for before the release of the building permit.

SAMPLE ONLY



"F"	FLOOR FRAMING, INCLUDING GIRDERS AND BEAMS
"R"	ROOF FRAMING
"FR"	FLOOR AND ROOF FRAMING

TRUSS IDENTIFICATION SIGN
COMPLIANCE WITH 19 NYCRR PART 1264

NOT TO SCALE

CODES DIVISION

DEPARTMENT OF STATE

EXAMPLE TRUSS IDENTIFICATION SIGN DATE:03/08/2005

NEW YORK STATE DEPARTMENT OF STATE
DIVISION OF CODE ENFORCEMENT AND ADMINISTRATION

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Residential Plan Review Checklist

2015 Residential Provisions as amended by the 2016 Energy Code Supplement

Project #: 43.6220.02-_____ 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 Y	Complies N	Complies N/A	Comments/Assumptions[1]
R103.2	Construction drawings and documentation available. Documentation sufficiently demonstrates energy code compliance.			☐	☐	☐	
Insulation materials and their R-values				☐	☐	☐	
Fenestration U-factors				☐	☐	☐	
Area-weighted U-factor				☐	☐	☐	
Mechanical system design criteria				☐	☐	☐	
Mechanical and service water heating system and equipment types, sizes and efficiencies				☐	☐	☐	
Equipment and systems controls				☐	☐	☐	
Duct sealing, duct and pipe insulation and location				☐	☐	☐	
Lighting fixture schedule with wattage				☐	☐	☐	
Air sealing				☐	☐	☐	
R403.7	HVAC loads calculations: Heating system size(s): Cooling system size(s):		kBtu: _____ kBtu: _____	☐	☐	☐	
Written Statement of Compliance from Design Professional				☐	☐	☐	

[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 Y	Complies N	Complies N/A	Comments/Assumptions
R401.3	Certificate Posting	In furnace/ utility room or approved location	Identify location	☐	☐	☐	
Table R402.1.2	Slab edge insulation R-value.	Unheated: R-10 Heated: R-15	R-_____ ☐ Unheated ☐ Heated	☐	☐	☐	
Table R402.1.2	Slab edge insulation depth/length.	2 ft. Z- 4 & 5 4 ft. Z-6	_____ ft.	☐	☐	☐	
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-_____	☐	☐	☐	
R402.2.9	Basement wall insulation depth.	10 ft. or to basement floor	_____ ft.	☐	☐	☐	
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-_____	☐	☐	☐	
R402.2.11	Crawl space continuous vapor retarder	Required Class I		☐	☐	☐	
R303.2.1	Exposed foundation insulation protection.	6" below grade		☐	☐	☐	
R403.9	Snow melt controls.	Automatic controls over 50°F		☐	☐	☐	
Table R402.1.2	Fenestration U-factor[ii]	Max: U-0.35 Z-4 U-0.32 Z5, Z-6	U-_____	☐	☐	☐	
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-_____	☐	☐	☐	
Table R402.1.2	Glazed Fenestration SHGC	Max: 0.40 Z-4 NR Z-5, Z-6	SHGC-_____	☐	☐	☐	
R402.4.3	Glazed fenestration air leakage.	0.3 cfm/ft^2 max	_____ cfm/ ft^2	☐	☐	☐	
	Window Manufacturer						
R402.4.3	Sliding door air leakage.	0.3 cfm/ft^2 max	_____ cfm/ ft^2	☐	☐	☐	
R402.4.3	Swinging door air leakage	0.5 cfm/ft^2 max	_____ cfm/ ft^2	☐	☐	☐	
	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-_____ ☐ Wood ☐ Steel	☐	☐	☐	
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-_____ ☐ Wood ☐ Steel	☐	☐	☐	

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

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

[ii] One side-hinged door up to 24 ft^2 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

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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 scaled. 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 scaled 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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NEW YORK STATE OF OPPORTUNITY. | NYSERDA

Residential Inspection Checklist

2015 IECC Commercial Provisions as amended by the 2016 Energy Code Supplement

Project #: 43.6220.02-_____ 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 Y	Complies N	Complies N/A	Comments/Assumptions[1]
R103.2	Construction drawings and documentation available. Documentation sufficiently demonstrates energy code compliance.			☐	☐	☐	
Insulation materials and their R-values				☐	☐	☐	
Fenestration U-factors				☐	☐	☐	
Area-weighted U-factor				☐	☐	☐	
Mechanical system design criteria				☐	☐	☐	
Mechanical and service water heating system and equipment types, sizes and efficiencies				☐	☐	☐	
Equipment and systems controls				☐	☐	☐	
Duct sealing, duct and pipe insulation and location				☐	☐	☐	
Lighting fixture schedule with wattage				☐	☐	☐	
Air sealing				☐	☐	☐	
R403.7	HVAC loads calculations: Heating system size(s): Cooling system size(s):		 kBtu: _____ kBtu: _____	☐	☐	☐	
Written Statement of Compliance from Design Professional				☐	☐	☐	

[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.

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IECC Section #	Requirement	Code Value	Verified Value	Complies Y	Complies N	Complies N/A	Comments/Assumptions
R401.3	Certificate Posting	In furnace/ utility room or approved location	Identify location	☐	☐	☐	
Table R402.1.2	Slab edge insulation R-value.	Unheated: R-10 Heated: R-15	R-_____ ☐ Unheated ☐ Heated	☐	☐	☐	
Table R402.1.2	Slab edge insulation depth/length.	2 ft. Z- 4 & 5 4 ft. Z-6	_____ ft.	☐	☐	☐	
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-_____	☐	☐	☐	
R402.2.9	Basement wall insulation depth.	10 ft. or to basement floor	_____ ft.	☐	☐	☐	
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-_____	☐	☐	☐	
R402.2.11	Crawl space continuous vapor retarder	Required Class I		☐	☐	☐	
R303.2.1	Exposed foundation insulation protection.	6" below grade		☐	☐	☐	
R403.9	Snow melt controls.	Automatic controls over 50°F		☐	☐	☐	
Table R402.1.2	Fenestration U-factor[ii]	Max: U-0.35 Z-4 U-0.32 Z5, Z-6	U-_____	☐	☐	☐	
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-_____	☐	☐	☐	
Table R402.1.2	Glazed Fenestration SHGC	Max: 0.40 Z-4 NR Z-5, Z-6	SHGC-_____	☐	☐	☐	
R402.4.3	Glazed fenestration air leakage.	0.3 cfm/ft^2 max	_____ cfm/ ft^2	☐	☐	☐	
	Window Manufacturer						
R402.4.3	Sliding door air leakage.	0.3 cfm/ft^2 max	_____ cfm/ ft^2	☐	☐	☐	
R402.4.3	Swinging door air leakage	0.5 cfm/ft^2 max	_____ cfm/ ft^2	☐	☐	☐	
	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-_____ ☐ Wood ☐ Steel	☐	☐	☐	
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-_____ ☐ Wood ☐ Steel	☐	☐	☐	

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

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.	☐ Inside building thermal envelope exception	☐	☐	☐	
R403.3.2	Duct sealing complies with listed sealing methods.	All joints and seams	☐ Meets exception	☐	☐	☐	
R403.3.3	Duct Testing	0.1 inch w.g. pressure differential Rough-in test required Post construction test required	☐ Stated ☐ Stated ☐ Stated ☐ Exception	☐	☐	☐	
R403.3.5	Building cavities NOT used as ducts or plenums	Stated? Shown?		☐	☐	☐	
R403.4	HVAC piping insulation.	R-3 (>105°For <55°F)	R-_____	☐	☐	☐	
R403.5.1	Heated water circulation and temperature maintenance system	Per requirements of Section R403.5.1.1 or R403.5.1.2	☐ Circulation System ☐ Heat Trace System	☐	☐	☐	
R403.5.3	Hot water pipe insulation	R-3 per specified locations		☐	☐	☐	
R404.1	Lighting – Minimum 75% of lamps are high efficacy.			☐	☐	☐	
R402.4.2	Wood burning fireplace	Tight-fitting flue damper or doors		☐	☐	☐	
R403.10	Pool heaters, covers, and automatic or accessible manual controls.	Accessible on/off switch. Time Switch		☐	☐	☐	

[ii] One side-hinged door up to 24 ft^2 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.