



REScheck Software Version 4.6.4 Compliance Certificate

Project Webb Residence

Energy Code: **2015 IECC**
 Location: **Park City, Utah**
 Construction Type: **Single-family**
 Project Type: **New Construction**
 Orientation: **Bldg. faces 180 deg. from North**
 Conditioned Floor Area: **4,425 ft2**
 Glazing Area: **30%**
 Climate Zone: **6 (8196 HDD)**
 Permit Date:
 Permit Number:

Construction Site:
 2575 LARKSPUR DRIVE
 PARK CITY, UT

Owner/Agent:

Designer/Contractor:
 John Shirley
 THINK Architecture
 5151 S. 900 E.
 Salt Lake City, UT 84117
 801.269.0055

Compliance: Passes using UA trade-off

Compliance: **4.1% Better Than Code** Maximum UA: **926** Your UA: **888**

The % Better or Worse Than Code Index reflects how close to compliance the house is based on code trade-off rules. It DOES NOT provide an estimate of energy use or cost relative to a minimum-code home.

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
Ceiling - Stair: Flat Ceiling or Scissor Truss	255	38.0	6.0	0.025	6
Ceiling - Great Room: Flat Ceiling or Scissor Truss	378	38.0	6.0	0.025	9
Ceiling - Master Suite: Raised or Energy Truss	640	0.0	50.0	0.019	12
Ceiling - Bedrooms: Raised or Energy Truss	697	0.0	50.0	0.019	13
Lower Level - Wall 1: Wood Frame, 16" o.c. Orientation: Left side	53	19.0	3.5	0.049	3
Lower Level - Wall 2: Wood Frame, 16" o.c. Orientation: Back	22	19.0	3.5	0.049	1
Lower Level - Wall 3: Wood Frame, 16" o.c. Orientation: Left side	178	19.0	3.5	0.049	8
Door Type 004: Solid Orientation: Left side	21			0.400	8
Lower Level - Wall 4: Wood Frame, 16" o.c. Orientation: Front	160	19.0	3.5	0.049	7
Door Type 010: Solid Orientation: Front	21			0.400	8
Lower Level - Wall 5: Wood Frame, 16" o.c. Orientation: Front	160	19.0	3.5	0.049	5
Window Type B: Wood Frame:Double Pane with Low-E Orientation: Front	48			0.300	14

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
Main Level - Wall 6: Wood Frame, 16" o.c. Orientation: Front	120	19.0	3.5	0.049	3
Window Type CD: Wood Frame:Double Pane with Low-E Orientation: Front	18			0.300	5
Window Type T: Wood Frame:Double Pane with Low-E Orientation: Front	30			0.300	9
Window Type H: Wood Frame:Double Pane with Low-E Orientation: Front	15			0.300	5
Main Level - Wall 7: Wood Frame, 16" o.c. Orientation: Left side	234	19.0	3.5	0.049	5
Window Type E: Wood Frame:Double Pane with Low-E Orientation: Left side	96			0.300	29
Window Type CF: Vinyl Frame:Double Pane with Low-E Orientation: Left side	21			0.300	6
Window Type CE: Wood Frame:Double Pane with Low-E Orientation: Left side	11			0.300	3
Main Level - Wall 8: Wood Frame, 16" o.c. Orientation: Front	273	19.0	3.5	0.049	4
Window Type K: Wood Frame:Double Pane with Low-E Orientation: Front	9			0.300	3
Window Type Ce: Wood Frame:Double Pane with Low-E Orientation: Front	11			0.300	3
Window Type CE: Wood Frame:Double Pane with Low-E Orientation: Front	11			0.300	3
Window Type CF: Wood Frame:Double Pane with Low-E Orientation: Front	21			0.300	6
Window Type CF: Wood Frame:Double Pane with Low-E Orientation: Front	21			0.300	6
Window Type E: Wood Frame:Double Pane with Low-E Orientation: Front	96			0.300	29
Window Type K: Wood Frame:Double Pane with Low-E Orientation: Front	9			0.300	3
Window Type U: Wood Frame:Double Pane with Low-E Orientation: Front	18			0.300	5
Main Level - Wall 9: Wood Frame, 16" o.c. Orientation: Right side	195	19.0	3.5	0.049	8
Window Type CH: Wood Frame:Double Pane with Low-E Orientation: Right side	22			0.300	7
Window Type CG: Wood Frame:Double Pane with Low-E Orientation: Right side	11			0.300	3
Wall 10: Wood Frame, 16" o.c. Orientation: Front	266	19.0	3.5	0.049	4
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Front	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Front	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Front	11			0.300	3
Window Type J: Wood Frame:Double Pane with Low-E Orientation: Front	8			0.300	2
Window Type J: Wood Frame:Double Pane with Low-E Orientation: Front	8			0.300	2
Window Type J: Wood Frame:Double Pane with Low-E Orientation: Front	8			0.300	2
Window Type P: Metal Frame with Thermal Break:Double Pane with Low-E Orientation: Front	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Front	11			0.300	3

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Front	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Front	11			0.300	3
Window Type Q: Wood Frame:Double Pane with Low-E Orientation: Front	15			0.300	5
Window Type Q: Wood Frame:Double Pane with Low-E Orientation: Front	15			0.300	5
Window Type J: Wood Frame:Double Pane with Low-E Orientation: Front	8			0.300	2
Window Type J: Wood Frame:Double Pane with Low-E Orientation: Front	8			0.300	2
Window Type L: Wood Frame:Double Pane with Low-E Orientation: Front	11			0.300	3
Door Type 103: Solid Orientation: Front	32			0.400	13
Main Level - Wall 11: Wood Frame, 16" o.c. Orientation: Left side	120	19.0	3.5	0.049	5
Window Type CA: Wood Frame:Double Pane with Low-E Orientation: Left side	13			0.300	4
Wall 12: Wood Frame, 16" o.c. Orientation: Front	160	19.0	3.5	0.049	4
Window Type CK: Wood Frame:Double Pane with Low-E Orientation: Front	20			0.300	6
Window Type V: Wood Frame:Double Pane with Low-E Orientation: Front	30			0.300	9
Window Type CK: Wood Frame:Double Pane with Low-E Orientation: Front	20			0.300	6
Main Level - Wall 13: Wood Frame, 16" o.c. Orientation: Right side	130	19.0	3.5	0.049	5
Window Type CA: Wood Frame:Double Pane with Low-E Orientation: Right side	13			0.300	4
Window Type N: Wood Frame:Double Pane with Low-E Orientation: Right side	15			0.300	5
Main Level - Wall 14: Wood Frame, 16" o.c. Orientation: Right side	216	19.0	3.5	0.049	10
Window Type F: Wood Frame:Double Pane with Low-E Orientation: Right side	5			0.300	2
Window Type F: Wood Frame:Double Pane with Low-E Orientation: Right side	5			0.300	2
Main Level - Wall 15: Wood Frame, 16" o.c. Orientation: Back	128	19.0	3.5	0.049	5
Window Type M: Wood Frame:Double Pane with Low-E Orientation: Back	12			0.300	4
Window Type M: Wood Frame:Double Pane with Low-E Orientation: Back	12			0.300	4
Main Level - Wall 16: Wood Frame, 16" o.c. Orientation: Left side	100	19.0	3.5	0.049	3
Window Type B: Wood Frame:Double Pane with Low-E Orientation: Left side	48			0.300	14
Main Level - Wall 17: Wood Frame, 16" o.c. Orientation: Back	266	19.0	3.5	0.049	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Back	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Back	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Back	11			0.300	3

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Back	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Back	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Back	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Back	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Back	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Back	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Back	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Back	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Back	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Back	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Back	11			0.300	3
Window Type P: Wood Frame:Double Pane with Low-E Orientation: Back	11			0.300	3
Window Type Q: Wood Frame:Double Pane with Low-E Orientation: Back	15			0.300	5
Window Type Q: Wood Frame:Double Pane with Low-E Orientation: Back	15			0.300	5
Window Type Q: Wood Frame:Double Pane with Low-E Orientation: Back	15			0.300	5
Main Level - Wall 18: Wood Frame, 16" o.c. Orientation: Right side	80	19.0	3.5	0.049	3
Window Type D: Wood Frame:Double Pane with Low-E Orientation: Right side	24			0.300	7
Main Level - Wall 19: Wood Frame, 16" o.c. Orientation: Back	230	19.0	3.5	0.049	10
Window Type M: Wood Frame:Double Pane with Low-E Orientation: Back	12			0.300	4
Window Type M: Wood Frame:Double Pane with Low-E Orientation: Back	12			0.300	4
Main Level - Wall 20: Wood Frame, 16" o.c. Orientation: Left side	90	19.0	3.5	0.049	4
Window Type A: Wood Frame:Double Pane with Low-E Orientation: Left side	8			0.300	2
Main Level - Wall 21: Wood Frame, 16" o.c. Orientation: Back	120	19.0	3.5	0.049	3
Window Type B: Wood Frame:Double Pane with Low-E Orientation: Back	48			0.300	14
Window Type CD: Wood Frame:Double Pane with Low-E Orientation: Back	18			0.300	5
Main Level - Wall 22: Wood Frame, 16" o.c. Orientation: Left side	140	19.0	3.5	0.049	3
Window Type CD: Wood Frame:Double Pane with Low-E Orientation: Left side	18			0.300	5
Window Type W: Wood Frame:Double Pane with Low-E Orientation: Left side	36			0.300	11
Window Type CD: Wood Frame:Double Pane with Low-E Orientation: Left side	18			0.300	5

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
Upper Level - Wall 23: Wood Frame, 16" o.c. Orientation: Front	315	19.0	3.5	0.049	12
Window Type CB: Wood Frame:Double Pane with Low-E Orientation: Front	15			0.300	5
Window Type S: Wood Frame:Double Pane with Low-E Orientation: Front	25			0.300	8
Window Type J: Wood Frame:Double Pane with Low-E Orientation: Front	8			0.300	2
Window Type J: Wood Frame:Double Pane with Low-E Orientation: Front	8			0.300	2
Window Type J: Wood Frame:Double Pane with Low-E Orientation: Front	8			0.300	2
Window Type J: Wood Frame:Double Pane with Low-E Orientation: Front	8			0.300	2
Upper Level - Wall 24: Wood Frame, 16" o.c. Orientation: Left side	108	19.0	3.5	0.049	5
Window Type CA: Wood Frame:Double Pane with Low-E Orientation: Left side	13			0.300	4
Upper Level - Wall 25: Wood Frame, 16" o.c. Orientation: Front	144	19.0	3.5	0.049	3
Window Type CK: Wood Frame:Double Pane with Low-E Orientation: Front	20			0.300	6
Window Type B: Wood Frame:Double Pane with Low-E Orientation: Front	48			0.300	14
Window Type CK: Wood Frame:Double Pane with Low-E Orientation: Front	20			0.300	6
Upper Level - Wall 26: Wood Frame, 16" o.c. Orientation: Right side	360	19.0	3.5	0.049	15
Window Type CA: Wood Frame:Double Pane with Low-E Orientation: Right side	13			0.300	4
Window Type G: Wood Frame:Double Pane with Low-E Orientation: Right side	13			0.300	4
Window Type G: Wood Frame:Double Pane with Low-E Orientation: Right side	13			0.300	4
Window Type R: Wood Frame:Double Pane with Low-E Orientation: Right side	24			0.300	7
Upper Level - Wall 27: Wood Frame, 16" o.c. Orientation: Back	144	19.0	3.5	0.049	6
Window Type R: Wood Frame:Double Pane with Low-E Orientation: Back	24			0.320	8
Upper Level - Wall 28: Wood Frame, 16" o.c. Orientation: Left side	90	19.0	3.5	0.049	4
Window Type G: Wood Frame:Double Pane with Low-E Orientation: Left side	13			0.320	4
Upper Level - Wall 29: Wood Frame, 16" o.c. Orientation: Right side	72	19.0	3.5	0.049	4
Upper Level - Wall 30: Wood Frame, 16" o.c. Orientation: Back	207	19.0	3.5	0.049	8
Window Type C: Wood Frame:Double Pane with Low-E Orientation: Back	18			0.300	5
Window Type C: Wood Frame:Double Pane with Low-E Orientation: Back	18			0.300	5
Window Type A: Wood Frame:Double Pane with Low-E Orientation: Back	8			0.300	2
Upper Level - Wall 31: Wood Frame, 16" o.c. Orientation: Left side	81	15.0	3.5	0.059	5
Upper Level - Wall 32: Wood Frame, 16" o.c. Orientation: Back	108	15.0	3.5	0.059	6

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
Upper Level - Wall 33: Wood Frame, 16" o.c. Orientation: Left side	126	15.0	3.5	0.059	5
Window Type S: Wood Frame:Double Pane with Low-E Orientation: Left side	25			0.300	8
Window Type CB: Wood Frame:Double Pane with Low-E Orientation: Left side	15			0.300	5
Lower Level - Basement Wall 1: Solid Concrete or Masonry Orientation: Left side Wall height: 10.0' Depth below grade: 0.0' Insulation depth: 10.0'	70	15.0	0.0	0.078	5
Lower Level - Basement Wall 2: Solid Concrete or Masonry Orientation: Right side Wall height: 10.0' Depth below grade: 7.0' Insulation depth: 10.0'	130	15.0	0.0	0.060	8
Lower Level - Basement Wall 3: Solid Concrete or Masonry Orientation: Right side Wall height: 12.0' Depth below grade: 10.0' Insulation depth: 12.0'	192	15.0	0.0	0.052	10
Lower Level - Basement Wall 4: Solid Concrete or Masonry Orientation: Left side Wall height: 10.0' Depth below grade: 9.5' Insulation depth: 10.0'	100	15.0	0.0	0.049	5
Lower Level - Basement Wall 5: Solid Concrete or Masonry Orientation: Back Wall height: 10.0' Depth below grade: 9.5' Insulation depth: 10.0'	140	15.0	0.0	0.049	7
Floor 1: All-Wood Joist/Truss:Over Unconditioned Space	1,080	30.0	0.0	0.033	36
Floor 2: Slab-On-Grade:Heated Insulation depth: 5.0'	145		8.0	0.702	102

Compliance Statement: The proposed building design described here is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the 2015 IECC requirements in REScheck Version 4.6.4 and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

Name - Title

Signature

Date



Inspection Checklist

Energy Code: 2015 IECC

Requirements: 0.0% were addressed directly in the REScheck software

Text in the "Comments/Assumptions" column is provided by the user in the REScheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Pre-Inspection/Plan Review	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
103.1, 103.2 [PR1] ¹	Construction drawings and documentation demonstrate energy code compliance for the building envelope. Thermal envelope represented on construction documents.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
103.1, 103.2, 403.7 [PR3] ¹	Construction drawings and documentation demonstrate energy code compliance for lighting and mechanical systems. Systems serving multiple dwelling units must demonstrate compliance with the IECC Commercial Provisions.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
302.1, 403.7 [PR2] ²	Heating and cooling equipment is sized per ACCA Manual S based on loads calculated per ACCA Manual J or other methods approved by the code official.	Heating: Btu/hr____ Cooling: Btu/hr____	Heating: Btu/hr____ Cooling: Btu/hr____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Foundation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1.2 [FO1] ¹	Slab edge insulation R-value.	R-____ <input type="checkbox"/> Unheated <input type="checkbox"/> Heated	R-____ <input type="checkbox"/> Unheated <input type="checkbox"/> Heated	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
402.1.2 [FO3] ¹	Slab edge insulation depth/length.	____ ft	____ ft	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
402.1.1 [FO4] ¹	Conditioned basement wall insulation R-value. Where interior insulation is used, verification may need to occur during Insulation Inspection. Not required in warm-humid locations in Climate Zone 3.	R-____ R-____	R-____ R-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.2 [FO5] ¹	Conditioned basement wall insulation installed per manufacturer's instructions.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.2.9 [FO6] ¹	Conditioned basement wall insulation depth of burial or distance from top of wall.	____ ft	____ ft	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.2.1 [FO11] ²	A protective covering is installed to protect exposed exterior insulation and extends a minimum of 6 in. below grade.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.9 [FO12] ²	Snow- and ice-melting system controls installed.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Framing / Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1.1, 402.3.4 [FR1] ¹	Door U-factor.	U-____	U-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
402.1.1, 402.3.1, 402.3.3, 402.3.6, 402.5 [FR2] ¹	Glazing U-factor (area-weighted average).	U-____	U-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.1.3 [FR4] ¹	U-factors of fenestration products are determined in accordance with the NFRC test procedure or taken from the default table.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.4.1.1 [FR23] ¹	Air barrier and thermal barrier installed per manufacturer's instructions.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.4.3 [FR20] ¹	Fenestration that is not site built is listed and labeled as meeting AAMA /WDMA/CSA 101/I.S.2/A440 or has infiltration rates per NFRC 400 that do not exceed code limits.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.4.5 [FR16] ²	IC-rated recessed lighting fixtures sealed at housing/interior finish and labeled to indicate ≤2.0 cfm leakage at 75 Pa.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.2.1 [FR12] ¹	Supply and return ducts in attics insulated ≥ R-8 where duct is ≥ 3 inches in diameter and ≥ R-6 where < 3 inches. Supply and return ducts in other portions of the building insulated ≥ R-6 for diameter ≥ 3 inches and R-4.2 for < 3 inches in diameter.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.3.3.5 [FR15] ³	Building cavities are not used as ducts or plenums.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.4 [FR17] ²	HVAC piping conveying fluids above 105 °F or chilled fluids below 55 °F are insulated to ≥R-3.	R-____	R-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.4.1 [FR24] ¹	Protection of insulation on HVAC piping.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5.3 [FR18] ²	Hot water pipes are insulated to ≥R-3.	R-____	R-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.6 [FR19] ²	Automatic or gravity dampers are installed on all outdoor air intakes and exhausts.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Insulation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
303.1 [IN13] ²	All installed insulation is labeled or the installed R-values provided.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.1.1, 402.2.6 [IN1] ¹	Floor insulation R-value.	R-_____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	R-_____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.2, 402.2.7 [IN2] ¹	Floor insulation installed per manufacturer's instructions and in substantial contact with the underside of the subfloor, or floor framing cavity insulation is in contact with the top side of sheathing, or continuous insulation is installed on the underside of floor framing and extends from the bottom to the top of all perimeter floor framing members.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.1.1, 402.2.5, 402.2.6 [IN3] ¹	Wall insulation R-value. If this is a mass wall with at least ½ of the wall insulation on the wall exterior, the exterior insulation requirement applies (FR10).	R-_____ <input type="checkbox"/> Wood <input type="checkbox"/> Mass <input type="checkbox"/> Steel	R-_____ <input type="checkbox"/> Wood <input type="checkbox"/> Mass <input type="checkbox"/> Steel	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.2 [IN4] ¹	Wall insulation is installed per manufacturer's instructions.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
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Section # & Req.ID	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1.1, 402.2.1, 402.2.2, 402.2.6 [FI1] ¹	Ceiling insulation R-value.	R-____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	R-____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.1.1.1, 303.2 [FI2] ¹	Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft ² .			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.2.3 [FI22] ²	Vented attics with air permeable insulation include baffle adjacent to soffit and eave vents that extends over insulation.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.2.4 [FI3] ¹	Attic access hatch and door insulation ≥R-value of the adjacent assembly.	R-____	R-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.4.1.2 [FI17] ¹	Blower door test @ 50 Pa. ≤=5 ach in Climate Zones 1-2, and ≤=3 ach in Climate Zones 3-8.	ACH 50 = ____	ACH 50 = ____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.2.3 [FI4] ¹	Duct tightness test result of ≤=4 cfm/100 ft ² across the system or ≤=3 cfm/100 ft ² without air handler @ 25 Pa. For rough-in tests, verification may need to occur during Framing Inspection.	____ cfm/100 ft ²	____ cfm/100 ft ²	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.3.2 [FI27] ¹	Ducts are pressure tested to determine air leakage with either: Rough-in test: Total leakage measured with a pressure differential of 0.1 inch w.g. across the system including the manufacturer's air handler enclosure if installed at time of test. Postconstruction test: Total leakage measured with a pressure differential of 0.1 inch w.g. across the entire system including the manufacturer's air handler enclosure.	____ cfm/100 ft ²	____ cfm/100 ft ²	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.3.2.1 [FI24] ¹	Air handler leakage designated by manufacturer at ≤=2% of design air flow.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.1.1 [FI9] ²	Programmable thermostats installed for control of primary heating and cooling systems and initially set by manufacturer to code specifications.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.1.2 [FI10] ²	Heat pump thermostat installed on heat pumps.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5.1 [FI11] ²	Circulating service hot water systems have automatic or accessible manual controls.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
403.6.1 [FI25] ²	All mechanical ventilation system fans not part of tested and listed HVAC equipment meet efficacy and air flow limits.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.2 [FI26] ²	Hot water boilers supplying heat through one- or two-pipe heating systems have outdoor setback control to lower boiler water temperature based on outdoor temperature.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5.1.1 [FI28] ²	Heated water circulation systems have a circulation pump. The system return pipe is a dedicated return pipe or a cold water supply pipe. Gravity and thermos-syphon circulation systems are not present. Controls for circulating hot water system pumps start the pump with signal for hot water demand within the occupancy. Controls automatically turn off the pump when water is in circulation loop is at set-point temperature and no demand for hot water exists.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5.1.2 [FI29] ²	Electric heat trace systems comply with IEEE 515.1 or UL 515. Controls automatically adjust the energy input to the heat tracing to maintain the desired water temperature in the piping.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5.2 [FI30] ²	Water distribution systems that have recirculation pumps that pump water from a heated water supply pipe back to the heated water source through a cold water supply pipe have a demand recirculation water system. Pumps have controls that manage operation of the pump and limit the temperature of the water entering the cold water piping to 104°F.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5.4 [FI31] ²	Drain water heat recovery units tested in accordance with CSA B55.1. Potable water-side pressure loss of drain water heat recovery units < 3 psi for individual units connected to one or two showers. Potable water-side pressure loss of drain water heat recovery units < 2 psi for individual units connected to three or more showers.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
404.1 [FI6] ¹	75% of lamps in permanent fixtures or 75% of permanent fixtures have high efficacy lamps. Does not apply to low-voltage lighting.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
404.1.1 [FI23] ³	Fuel gas lighting systems have no continuous pilot light.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
401.3 [F17] ²	Compliance certificate posted.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
303.3 [F118] ³	Manufacturer manuals for mechanical and water heating systems have been provided.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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2015 IECC Energy Efficiency Certificate

Insulation Rating	R-Value
Above-Grade Wall	22.50
Below-Grade Wall	15.00
Floor	30.00
Ceiling / Roof	50.00
Ductwork (unconditioned spaces):	_____

Glass & Door Rating	U-Factor	SHGC
Window	0.30	
Door	0.40	

Heating & Cooling Equipment	Efficiency
Heating System: _____	_____
Cooling System: _____	_____
Water Heater: _____	_____

Name: _____ Date: _____

Comments