REScheck Software Version 4.6.5

Compliance Certificate

Project Klinefelter Residence

Energy Code:	**2015 IECC**
Location:	**Ogden, Utah**
Construction Type:	**Single-family**
Project Type:	**New Construction**
Conditioned Floor Area:	**5,446 ft2**
Glazing Area	**20%**
Climate Zone:	**5 (5557 HDD)**
Permit Date:	
Permit Number:	

Construction Site:
Lot 79
Eden, UT 84310

Owner/Agent:
Kelsey Klinefelter
CA

Designer/Contractor:
MacKay-Lyons Sweetapple Architects
2188 Gottingen Street
Halifax, NS, Ontario
1-902-429-1867

Compliance: Passes using UA trade-off

Compliance: **16.2% Better Than Code** Maximum UA: **2444** Your UA: **2049**

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
W Building Roof: Cathedral Ceiling Comment: RA 1	1,297	36.0	8.0	0.023	30
W Buiding Basement Terrace Soffit: Other Ceiling Comment: SA 1	78			0.028	2
W Buiding North EL Wood Frame: Other Framed Wall Comment: EWA 1	251			0.022	5
w035: Metal Frame with Thermal Break:Double Pane with Low-E	8			0.320	3
W Building West EL Wood Frame: Other Framed Wall Comment: EWA 1	674			0.022	12
w020: Metal Frame with Thermal Break:Double Pane with Low-E	24			0.320	8
w021: Metal Frame with Thermal Break:Double Pane with Low-E	7			0.320	2
w022-025: Metal Frame with Thermal Break:Double Pane with Low-E	86			0.320	28
W Building South EL Wood Frame: Other Framed Wall Comment: EWA 1	439			0.022	6
w001: Metal Frame with Thermal Break:Double Pane with Low-E	151			0.320	48
W Building East EL Wood Frame: Other Framed Wall Comment: EWA 1	821			0.022	13
w002-005: Metal Frame with Thermal Break:Double Pane with Low-E	211			0.320	68
w026-027: Metal Frame with Thermal Break:Double Pane with Low-E	23			0.320	7
	296	27.0	10.0	0.036	11

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
W Building Crawl Space: Solid Concrete or Masonry Wall height: 6.5' Depth below grade: 4.0' Insulation depth: 6.5' Comment: EWA 4	263	0.0	27.0	0.034	6
W Building North EL Basement: Solid Concrete or Masonry Wall height: 8.5' Depth below grade: 5.5' Insulation depth: 8.5' Comment: EWA 3	245	27.0	0.0	0.048	12
W Building West EL Basement: Solid Concrete or Masonry Wall height: 8.5' Depth below grade: 5.5' Insulation depth: 8.5' Comment: EWA 3	272	27.0	0.0	0.048	13
w036: Metal Frame with Thermal Break:Double Pane with Low-E	11			0.320	4
W Building South EL Basement: Solid Concrete or Masonry Wall height: 8.5' Depth below grade: 5.5' Insulation depth: 8.5' Comment: EWA 3	245	27.0	0.0	0.048	9
w038: Metal Frame with Thermal Break:Double Pane with Low-E	43			0.320	14
d036: Solid	24			0.340	8
W Building East EL Basement: Solid Concrete or Masonry Wall height: 8.5' Depth below grade: 5.5' Insulation depth: 8.5' Comment: EWA 3	272	27.0	0.0	0.048	13
Entry Knuckle Roof: Flat Ceiling or Scissor Truss Comment: RA 3	138	36.0	10.0	0.024	3
Entry Knuckle South EL: Wood Frame, 16" o.c.	106	36.0	7.5	0.031	1
w018-019: Metal Frame with Thermal Break:Double Pane with Low-E	51			0.320	16
Door 2: Glass	20			0.320	6
Entry Knuckle North EL: Wood Frame, 16" o.c.	203	36.0	7.5	0.031	2
w006: Metal Frame with Thermal Break:Double Pane with Low-E	116			0.320	37
Door 3: Solid	20			0.340	7
C Building Roof: Cathedral Ceiling Comment: RA 2	667	36.0	8.0	0.023	15
w039: Metal Frame with Thermal Break:Double Pane with Low-E	11			0.320	4
C Buiding North EL Wood Frame: Other Framed Wall Comment: EWA 1	416			0.022	9
w016: Metal Frame with Thermal Break:Double Pane with Low-E	12			0.320	4
w017: Metal Frame with Thermal Break:Double Pane with Low-E	12			0.320	4
C Building West EL Wood Frame: Other Framed Wall Comment: EWA 1	674			0.022	15
w034: Metal Frame with Thermal Break:Double Pane with Low-E	12			0.320	4
C Building South EL Wood Frame: Other Framed Wall Comment: EWA 1	476			0.022	8
w007: Metal Frame with Thermal Break:Double Pane with Low-E	56			0.320	18
w028: Metal Frame with Thermal Break:Double Pane with Low-E	64			0.320	20
C Building East EL Wood Frame: Other Framed Wall Comment: EWA 1	393			0.022	8
w033: Metal Frame with Thermal Break:Double Pane with Low-E	12			0.320	4

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
C Building Crawl Space: Solid Concrete or Masonry Wall height: 6.5' Depth below grade: 4.0' Insulation depth: 6.5' Comment: EWA 4	446	0.0	27.0	0.034	10
C Building North EL Basement: Solid Concrete or Masonry Wall height: 8.5' Depth below grade: 5.5' Insulation depth: 8.5' Comment: EWA 3	171	27.0	0.0	0.048	8
C Building West EL Basement: Solid Concrete or Masonry Wall height: 8.5' Depth below grade: 5.5' Insulation depth: 8.5' Comment: EWA 3	101	27.0	0.0	0.048	5
C Building South EL Basement: Solid Concrete or Masonry Wall height: 8.5' Depth below grade: 5.5' Insulation depth: 8.5' Comment: EWA 3	112	27.0	0.0	0.048	5
C Building East EL Basement: Solid Concrete or Masonry Wall height: 8.5' Depth below grade: 5.5' Insulation depth: 8.5' Comment: EWA 3	155	27.0	0.0	0.048	7
Garage Knuckle Roof: Flat Ceiling or Scissor Truss Comment: RA 3	71	36.0	10.0	0.024	2
Garage Knuckle South EL: Wood Frame, 16" o.c.	42	36.0	7.5	0.031	0
w008: Metal Frame with Thermal Break:Double Pane with Low-E	28			0.320	9
Garage Knuckle North EL: Wood Frame, 16" o.c.	33	36.0	7.5	0.031	0
w015: Metal Frame with Thermal Break:Double Pane with Low-E	28			0.320	9
E Building Roof: Cathedral Ceiling Comment: RA 2	1,248	36.0	8.0	0.023	28
w040: Metal Frame with Thermal Break:Double Pane with Low-E	11			0.320	4
w041: Metal Frame with Thermal Break:Double Pane with Low-E	11			0.320	4
E Buiding Basement Terrace Soffit: Other Ceiling Comment: SA 1	79			0.028	2
E Buiding North EL Wood Frame: Other Framed Wall Comment: EWA 1	412			0.022	4
w031-032: Metal Frame with Thermal Break:Double Pane with Low-E	43			0.320	14
Garage Doors: Solid	193			0.340	66
E Building West EL Wood Frame: Other Framed Wall Comment: EWA 1	653			0.022	12
w009-010: Metal Frame with Thermal Break:Double Pane with Low-E	106			0.320	34
w029: Metal Frame with Thermal Break:Double Pane with Low-E	22			0.320	7
E Building South EL Wood Frame: Other Framed Wall Comment: EWA 1	477			0.022	7
w011: Metal Frame with Thermal Break:Double Pane with Low-E	97			0.320	31
w030: Metal Frame with Thermal Break:Double Pane with Low-E	75			0.320	24
E Building East EL Wood Frame: Other Framed Wall Comment: EWA 1	928			0.022	19
w012: Metal Frame with Thermal Break:Double Pane with Low-E	36			0.320	12
w013-014: Metal Frame with Thermal Break:Double Pane with Low-E	23			0.320	7

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
w043: Metal Frame with Thermal Break:Double Pane with Low-E	11			0.320	4
E Building Crawl Space: Solid Concrete or Masonry Wall height: 6.5' Depth below grade: 4.0' Insulation depth: 6.5' Comment: EWA 4	243	0.0	27.0	0.034	6
E Building North EL Basement: Solid Concrete or Masonry Wall height: 8.5' Depth below grade: 5.5' Insulation depth: 8.5' Comment: EWA 3	231	27.0	0.0	0.048	11
E Building West EL Basement: Solid Concrete or Masonry Wall height: 8.5' Depth below grade: 5.5' Insulation depth: 8.5' Comment: EWA 3	188	27.0	0.0	0.048	9
E Building South EL Basement: Solid Concrete or Masonry Wall height: 8.5' Depth below grade: 5.5' Insulation depth: 8.5' Comment: EWA 3	231	27.0	0.0	0.048	9
w039: Metal Frame with Thermal Break:Double Pane with Low-E	23			0.320	7
Door 5: Glass	20			0.340	7
E Building East EL Basement: Solid Concrete or Masonry Wall height: 8.5' Depth below grade: 5.5' Insulation depth: 8.5' Comment: EWA 3	188	27.0	0.0	0.048	9
Wood Truss Floor: All-Wood Joist/Truss:Over Unconditioned Space	1,118	36.0	10.0	0.021	23
Concrete Floor: Slab-On-Grade:Unheated Insulation depth: 6.0'	1,648		10.0	0.684	1127

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 RES*check* Version 4.6.5 and to comply with the mandatory requirements listed in the RES*check* Inspection Checklist.

Name - Title | Signature | Date

RES*check* Software Version 4.6.5

Inspection Checklist

Energy Code: 2015 IECC

Requirements: 38.0% were addressed directly in the RES*check* 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.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
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.			☐Complies ☐Does Not ☐Not Observable ☐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____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

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

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-____ ☐ Unheated ☐ Heated	R-____ ☐ Unheated ☐ Heated	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
402.1.2 [FO3][1]	Slab edge insulation depth/length.	____ ft	____ ft	☐Complies ☐Does Not ☐Not Observable ☐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-____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
303.2 [FO5][1]	Conditioned basement wall insulation installed per manufacturer's instructions.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.2.9 [FO6][1]	Conditioned basement wall insulation depth of burial or distance from top of wall.	____ ft	____ ft	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
402.2.11 [FO7][1]	Unvented crawl space wall insulation R-value.	R-____ R-____	R-____ R-____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
303.2 [FO8][1]	Unvented crawl space wall insulation installed per manufacturer's instructions.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.2.11 [FO9][1]	Unvented crawl space continuous vapor retarder installed over exposed earth, joints overlapped by 6 in. and sealed, extending at least 6 in. up and attached to the wall.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.2.11 [FO10][1]	Unvented crawl space wall insulation depth of burial or distance from top of wall.	____ in.	____ in.	☐Complies ☐Does Not ☐Not Observable ☐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.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement is not applicable.
403.9 [FO12][2]	Snow- and ice-melting system controls installed.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

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

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-____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
402.1.1, 402.3.1, 402.3.3, 402.5 [FR2][1]	Glazing U-factor (area-weighted average).	U-____	U-____	☐Complies ☐Does Not ☐Not Observable ☐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.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
402.1.1, 402.3.3, 402.3.6, 402.5 [FR5][1]	Skylight U-factor.	U-____	U-____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
402.4.1.1 [FR23][1]	Air barrier and thermal barrier installed per manufacturer's instructions.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
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.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
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.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
403.3.1 [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.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.5 [FR15][3]	Building cavities are not used as ducts or plenums.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.4 [FR17][2]	HVAC piping conveying fluids above 105 ºF or chilled fluids below 55 ºF are insulated to ≥R-3.	R-____	R-____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.4.1 [FR24][1]	Protection of insulation on HVAC piping.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

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

Section # & Req.ID	Framing / Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
403.5.3 [FR18][2]	Hot water pipes are insulated to ≥R-3.	R-____	R-____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.6 [FR19][2]	Automatic or gravity dampers are installed on all outdoor air intakes and exhausts.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met. **Location on plans/spec:** Refer to mechanical: deferred submittal

Additional Comments/Assumptions:

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

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.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
402.1.1, 402.2.6 [IN1][1]	Floor insulation R-value.	R-____ ☐ Wood ☐ Steel	R-____ ☐ Wood ☐ Steel	☐Complies ☐Does Not ☐Not Observable ☐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.			☐Complies ☐Does Not ☐Not Observable ☐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-____ ☐ Wood ☐ Mass ☐ Steel	R-____ ☐ Wood ☐ Mass ☐ Steel	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
303.2 [IN4][1]	Wall insulation is installed per manufacturer's instructions.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

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
402.1.1, 402.2.1, 402.2.2, 402.2.6 [FI1][1]	Ceiling insulation R-value.	R-____ ☐ Wood ☐ Steel	R-____ ☐ Wood ☐ Steel	☐Complies ☐Does Not ☐Not Observable ☐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 ft².			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
402.2.3 [FI22][2]	Vented attics with air permeable insulation include baffle adjacent to soffit and eave vents that extends over insulation.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement is not applicable.
402.2.4 [FI3][1]	Attic access hatch and door insulation ≥R-value of the adjacent assembly.	R-____	R-____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
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 =____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
402.4.2 [FI8][2]	Wood-burning fireplaces have tight fitting flue dampers and outdoor air for combustion.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
403.3.4 [FI4][1]	Duct tightness test result of <=4 cfm/100 ft2 across the system or <=3 cfm/100 ft2 without air handler @ 25 Pa. For rough-in tests, verification may need to occur during Framing Inspection.	____ cfm/100 ft²	____ cfm/100 ft²	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.3 [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 ft²	____ cfm/100 ft²	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.2.1 [FI24][1]	Air handler leakage designated by manufacturer at <=2% of design air flow.			☐Complies ☐Does Not ☐Not Observable ☐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.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.1.2 [FI10][2]	Heat pump thermostat installed on heat pumps.			☐Complies ☐Does Not ☐Not Observable ☐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
403.5.1 [FI11][2]	Circulating service hot water systems have automatic or accessible manual controls.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.6.1 [FI25][2]	All mechanical ventilation system fans not part of tested and listed HVAC equipment meet efficacy and air flow limits.			☐Complies ☐Does Not ☐Not Observable ☐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.			☐Complies ☐Does Not ☐Not Observable ☐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.			☐Complies ☐Does Not ☐Not Observable ☐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.			☐Complies ☐Does Not ☐Not Observable ☐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 104ºF.			☐Complies ☐Does Not ☐Not Observable ☐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.			☐Complies ☐Does Not ☐Not Observable ☐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.			☐Complies ☐Does Not ☐Not Observable ☐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
404.1.1 [FI23][3]	Fuel gas lighting systems have no continuous pilot light.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement is not applicable.
401.3 [FI7][2]	Compliance certificate posted.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
303.3 [FI18][3]	Manufacturer manuals for mechanical and water heating systems have been provided.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

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

2015 IECC Energy Efficiency Certificate

Insulation Rating	R-Value
Above-Grade Wall	0.00
Below-Grade Wall	27.00
Floor	10.00
Ceiling / Roof	44.00
Ductwork (unconditioned spaces):	_____

Glass & Door Rating	U-Factor	SHGC
Window	0.32	
Door	0.34	
Skylight	0.32	

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

Name: _____ **Date:**_____

Comments