REScheck Software Version 4.7.2

Compliance Certificate

Project Lot 5

Energy Code:	**2009 IECC**
Location:	**Mayville, Wisconsin**
Construction Type:	**Single-family**
Project Type:	**New Construction**
Conditioned Floor Area:	**1,573 ft2**
Glazing Area	**11%**
Climate Zone:	**6 (7839 HDD)**
Permit Date:	
Permit Number:	

Construction Site:
Mayville, WI

Owner/Agent:

Designer/Contractor:
JFT Construction

Compliance: Passes using UA trade-off

Compliance: **0.0% Better Than Code** Maximum UA: **281** Your UA: **281**

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.

NOTE: Slab-on-grade tradeoffs are no longer considered in the UA or performance compliance path in REScheck. Each slab-on-grade assembly in the specified climate zone must meet the minimum energy code insulation R-value and depth requirements.

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Prop. U-Factor	Req. U-Factor	Prop. UA	Req. UA
Ceiling 1: Raised or Energy Truss	1,573	60.0	0.0	0.017	0.026	27	41
Basement Wall 1: Solid Concrete or Masonry Wall height: 7.8' Depth below grade: 7.0' Insulation depth: 7.8'	312	0.0	7.5	0.071	0.050	22	16
Basement Wall 2: Solid Concrete or Masonry Wall height: 7.8' Depth below grade: 7.0' Insulation depth: 7.8'	511	0.0	7.5	0.071	0.050	35	25
Window 1: Vinyl/Fiberglass Frame:Double Pane with Low-E	16			0.280	0.350	4	6
Basement Wall 3: Solid Concrete or Masonry Wall height: 7.8' Depth below grade: 7.0' Insulation depth: 7.8'	270	0.0	7.5	0.071	0.050	19	14
Basement Wall 4: Solid Concrete or Masonry Wall height: 7.8' Depth below grade: 7.0' Insulation depth: 7.8'	328	0.0	7.5	0.071	0.050	23	16
Wall 1: Wood Frame, 16" o.c.	400	21.0	0.0	0.057	0.057	22	22
Window 2: Vinyl/Fiberglass Frame:Double Pane with Low-E	7			0.280	0.350	2	2
Wall 2: Wood Frame, 16" o.c.	655	21.0	0.0	0.057	0.057	32	32

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Prop. U-Factor	Req. U-Factor	Prop. UA	Req. UA
Window 3: Vinyl/Fiberglass Frame:Double Pane with Low-E	60			0.280	0.350	17	21
Door 1: Glass	42			0.300	0.350	13	15
Wall 3: Wood Frame, 16" o.c.	345	21.0	0.0	0.057	0.057	18	18
Window 4: Vinyl/Fiberglass Frame:Double Pane with Low-E	24			0.280	0.350	7	8
Wall 4: Wood Frame, 16" o.c.	420	21.0	0.0	0.057	0.057	20	20
Window 5: Vinyl/Fiberglass Frame:Double Pane with Low-E	50			0.280	0.350	14	18
Door 2: Solid	20			0.300	0.350	6	7

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 2009 IECC requirements in RES*check* Version 4.7.2 and to comply with the mandatory requirements listed in the RES*check* Inspection Checklist.

Name - Title | Signature | Date

2009 IECC Energy Efficiency Certificate

Insulation Rating	R-Value
Above-Grade Wall	21.00
Below-Grade Wall	7.50
Floor	0.00
Ceiling / Roof	60.00
Ductwork (unconditioned spaces):	_____

Glass & Door Rating	U-Factor	SHGC
Window	0.28	
Door	0.30	

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

Name: _____ **Date:** _____

Comments