

## **Project**

Energy Code: 2009 IECC

Location: Portland, Maine
Construction Type: Single-family
Project Type: New Construction

Conditioned Floor Area: **1,710 ft2** Glazing Area **12%** 

Climate Zone: **6 (7378 HDD)** 

Permit Date: Permit Number:

Construction Site: Owner/Agent: Designer/Contractor:

Nick Sichterman

## Compliance: Passes using UA trade-off

Compliance: 9.7% Better Than Code Maximum UA: 308 Your UA: 278

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 1: Flat Ceiling or Scissor Truss	570	39.0	0.0	0.030	17
Wall 1: Wood Frame, 16" o.c.	1,906	35.0	0.0	0.046	75
Window 1: Wood Frame:Double Pane	227			0.300	68
Door 1: Solid	42			0.390	16
Basement Wall 1: Solid Concrete or Masonry Wall height: 8.0' Depth below grade: 4.0' Insulation depth: 8.0'	560	15.0	10.0	0.041	23
Basement Wall 2: Wood Frame Wall height: 8.0' Depth below grade: 0.0' Insulation depth: 8.0'	232	23.0	0.0	0.058	13
Floor 1: Slab-On-Grade:Unheated Insulation depth: 6.0'	97		10.0	0.684	66
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					

REScheck Version 4.6.1 and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

Name - Title Signature Date

Project Title: Report date: 06/14/15

Data filename: C:\THWFILES\Hughs\Portland house\Sichterman House.rck