



# REScheck Software Version 4.4.1 Compliance Certificate

Energy Code: **2006 IECC**  
Location: **Monroe (Ouachita), Louisiana**  
Construction Type: **Multifamily**  
Conditioned Floor Area: **49920 ft2**  
Glazing Area Percentage: **17%**  
Heating Degree Days: **2407**  
Climate Zone: **3**

Construction Site:

Owner/Agent:

Designer/Contractor:

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Richard Molenaar, Architect  
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## Compliance: Passes on UA trade-off

Compliance: **6.5% Better Than Code** Maximum UA: **22453** Your UA: **20986** Maximum SHGC: **0.40** Your SHGC: **0.38**

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.

| Assembly   | Gross Area or Perimeter | Cavity R-Value | Cont. R-Value | Glazing or Door U-Factor | UA    |
|--|-------------------------|----------------|---------------|--------------------------|-------|
| Wall 1: Wood Frame, 16" o.c.                               | 25200                   | 10.0           | 11.0          |                          | 919   |
| Window 1: Metal Frame:Double Pane with Low-E<br>SHGC: 0.38 | 4170                    |                |               | 0.530                    | 2210  |
| Door 1: Glass<br>SHGC: 0.57                                | 105                     |                |               | 0.570                    | 60    |
| Door 2: Solid  | 42                      |                |               | 1.000                    | 42    |
| Ceiling 1: Flat Ceiling or Scissor Truss                   | 16640                   | 0.0            | 38.0          |                          | 416   |
| Floor 1: Slab-On-Grade:Unheated<br>Insulation depth: 0.0'  | 16640                   |                | 0.0           |                          | 17339 |
| Boiler 1: Other (Except Gas-Fired Steam) 90 AFUE           |                         |                |               |                          |       |
| Air Conditioner 1: Electric Central Air 13 SEER            |                         |                |               |                          |       |

**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 2006 IECC requirements in REScheck Version 4.4.1 and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

**RICHARD MOLENAAR, ARCHITECT**  
Name - Title

Signature

Date

**1/31/2011**