



# Building Today's Homes ... Tomorrow's Communities

## ENERGY STAR®

*Paul Rimelspach*  
614-432-HOME (4663)  
Paul@Rimelspach.com  
www.EnergyDesignedHomes.com

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**DESCRIPTION**

**BENEFITS**

*The EPA mandate is clean air.*

*Energy Efficiency improves our air, our comfort, our economy, our investment.*

*Conservation is not living with less, it is the elimination of waste!*

*Waste is not sustainable!*

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### Energy Stars ~ Score Card

Score	Energy Star Rating	Requirement
91-100	★★★★★	Design of your home to energy use
86-90	★★★★	Design of your home to energy use
81-85	★★★	Meets the requirements of the Field Energy Guide (FEG)
67-80	★★	Uses more than 1.2 times as much energy as the FEG
42-66	★	Uses more than 2 times as much energy as the FEG
10-41	★	Uses more than 3 times as much energy as the FEG

*MEC minimum homes are 4 Star rated and have a score of 80.0*

*ENERGY STAR 5 Star Homes are at least 30% more efficient and have a minimum score of 86.*

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**Typical Electric Use | 1996-2002 (kWh)**

**Estimated Load Summary | Estimated Load Comparison**

Category	1996-2002 (kWh)	1996-2002 (kWh)	1996-2002 (kWh)	1996-2002 (kWh)
Electricity	10,000	10,000	10,000	10,000
Gas	10,000	10,000	10,000	10,000
Water	10,000	10,000	10,000	10,000
Oil	10,000	10,000	10,000	10,000
Coal	10,000	10,000	10,000	10,000
Propane	10,000	10,000	10,000	10,000
Other	10,000	10,000	10,000	10,000

HER logo: ENERGY DESIGNED HOMES

How much Insulation do we need?  
 The answer is usually ...  
 MORE!  
 The right answer is ...  
 SOME ...  
 but make it work!

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**HER Summary**

Category	HER score	STATUS	PER
Insulation	10	100	100
Air-leakage	10	100	100
Water-heating	10	100	100
Space-heating	10	100	100
Energy Star	10	100	100

HER logo: ENERGY DESIGNED HOMES

How do we achieve ENERGY STAR?  
 Insulate Completely  
 Control Air-leakage  
 \*\*\*\*\*  
 Note the .50 windows  
 The R11 walls  
 The R30 roof  
 The 80 AFUE furnace!

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**HER Summary**

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Energy Star	10	100	100

HER logo: ENERGY DESIGNED HOMES

Proper energy design saves energy and saves money

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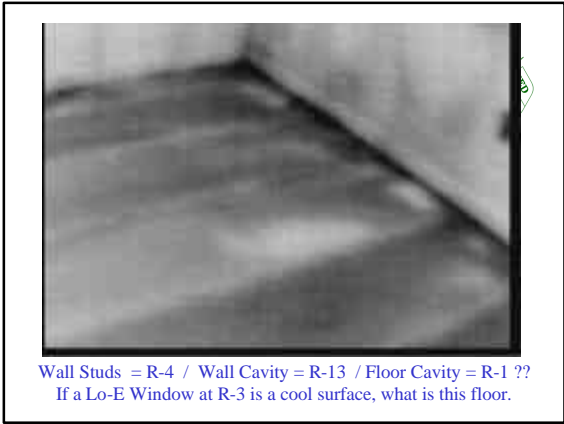
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Vapor or  
 or  
 Air Barrier

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**PARTNERS ...  
 make it happen !**



- Be an ENERGY STAR HOME BUILDER
  - Differentiation
  - Today's mark of excellence
  - Homeowner Savings
- Be an ENERGY DESIGNED HOMES<sup>(sm)</sup> PARTNER
  - Expertise
  - Added programs
  - EDH Partner access

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