



Wisconsin ENERGY STAR® Homes

Based on Plans Data Form

Date: ____/____/____

REM/Rate Version: 12.61 Other: _____

BUILDER INFORMATION

Builder's Name: _____ Year built: _____

UTILITY INFORMATION

Electricity: _____ Gas: _____

Propane: _____ Other (Please Specify): _____

WEATHER SITE

- Ashland Eau Claire Hancock Lancaster Marshfield Rhinelander
- Breed Green Bay La Crosse Madison Milwaukee Spooner

Consultant's Organization: _____

Consultant's Name: _____

Consultant's Telephone No: (____) _____

COMMENTS:

Home Address: _____ City: _____ Zip: _____

Homeowner (if known): _____

RATING ID: _____

HOUSE DIAGRAM: If footprints do not match, make a separate drawing for each floor.

Orientation
 ↑
 N S E W

Number of bedrooms: _____

	Base-ment	First Floor	Mid-Level	Second Floor	Third Floor	Totals
Living Floor (ft ²):						
Wall Height (ft):						
Ceiling Height (ft):						
Volume (ft ³):						
Perimeter (ft):						

House Type: <i>(circle one)</i> Single family Duplex Tri-Plex Four-Plex Condo: end unit inside unit
Floors on or Above Grade: <i>(circle one)</i> One Two Three
Foundation Type: <i>(circle one)</i> Full basement Slab Crawl space conditioned

RATING ID: _____

HOUSE DIAGRAM: Supplementary Drawings/Calculations

Orientation
↑
N S E W

BUILDING SHELL

Foundation Wall Amb. Garage Other Other

Descriptive name	_____	_____	_____	_____
Wall length (ft)	_____	_____	_____	_____
Wall height (ft)	_____	_____	_____	_____
Depth below grade	_____	_____	_____	_____
Continuous R-value	_____	_____	_____	_____
Cavity R-value	_____	_____	_____	_____
*Area (ft²)	_____	_____	_____	_____

Slab Floors #1 #2 #3 #4

Descriptive name	_____	_____	_____	_____
Perimeter R-value	_____	_____	_____	_____
Under slab R-Value	_____	_____	_____	_____
Depth below grade	_____	_____	_____	_____
Full perimeter	_____	_____	_____	_____
Total exposed perimeter	_____	_____	_____	_____
On-grade exposed perimeter	_____	_____	_____	_____
*Area (ft²)	_____	_____	_____	_____

Frame Floors Amb. Garage Other Other

Descriptive name	_____	_____	_____	_____
Continuous R-value	_____	_____	_____	_____
Cavity R-value	_____	_____	_____	_____
*Area (ft²)	_____	_____	_____	_____

Rim and Band R / B R / B R / B R / B

	<u>Amb.</u>	<u>Garage</u>	<u>Attic</u>	<u>Other</u>
Descriptive name	_____	_____	_____	_____
Continuous R-value	_____	_____	_____	_____
Cavity R-value	_____	_____	_____	_____
*Area (ft²)	_____	_____	_____	_____

Above Grade Walls Amb. Garage Attic Other

Descriptive name	_____	_____	_____	_____
Continuous R-value	_____	_____	_____	_____
Cavity R-value	_____	_____	_____	_____
Stud spacing	_____	_____	_____	_____
*Area (ft²)	_____	_____	_____	_____

Doors Amb. Garage Other Other

Descriptive name	_____	_____	_____	_____
R-value	_____	_____	_____	_____
Opaque area	_____	_____	_____	_____
Wall assignment	_____	_____	_____	_____

Ceiling Area Flat Slope Other Other

Descriptive name	_____	_____	_____	_____
Total R-value	_____	_____	_____	_____
Bottom rafter size	_____	_____	_____	_____
Bottom rafter space	_____	_____	_____	_____
*Area (ft²)	_____	_____	_____	_____

Air Tightness

Total exterior surface area (sum of all areas): _____ ft²

Target cfm@50: (total exterior surface area) x .25 = _____

MECHANICAL SYSTEMS

Mechanical Ventilation System: ___ HRV ___ ERV ___ Central Exhaust Only ___ Spot Exhaust Only

Manufacturer: _____ Model #: _____

Heat Recovery Efficiency (%): _____ Fan Flow Rate: _____ cfm

Hours/Day: _____ Fan Watts: _____

Central Heating System: (if home has multiple heating systems, include information on additional pages)

System Type: _____ Fuel Type: _____

Manufacturer: _____ Model #: _____

Rated Input Capacity (kBtuh): _____ Rated Output Capacity (kBtuh): _____

Percent of Load Served: _____ % Estimated Year of Manufacture: _____

Seasonal Equipment Efficiency: _____ AFUE

Set-point (F): _____ Programmable Thermostat? Yes No

Location: Conditioned area Attic Unconditioned basement/enclosed crawl space Garage/open crawl space

Central Cooling System: (if home has multiple cooling systems, include information on additional pages)

System Type: _____ Fuel Type: _____

Manufacturer: _____ Model #: _____

Rated Output Capacity (kBtuh): _____ Percent of Load Served: _____ %

Seasonal Equipment Efficiency: _____ SEER Estimated Year of Manufacture: _____

Sensible Heat Fraction: _____ (use .70 if not available)

Set-point (F): _____ Programmable Thermostat? Yes No

Domestic Water Heater

Type: _____ Fuel Type: _____

Manufacturer: _____ Model #: _____

Size (gallons): _____ Energy Factor: _____ EF Extra Tank Insulation: _____

Estimated Year of Manufacture: _____ Recovery Efficiency (%): _____ (Electric: .98, Others: .76)

Location: Conditioned area Attic Unconditioned basement/enclosed crawl space Garage/open crawl space

Duct System:

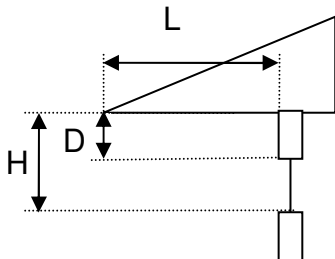
Location:

- Open crawl space Enclosed crawl space Conditioned crawl space Unconditioned Basement
- Conditioned basement Attic, under insulation Attic, exposed Conditioned space

Insulation R-value: _____

WINDOWS, GLASS DOORS AND SKYLIGHTS

Window No.	N • S • E • W	Quantity	Wall Assignment (above grade foundation, 1, 2, etc.)	NFRC Rating #1=op #2=fx #3=dr #1 U= SHGC= #2 U= SHGC= #3 U= SHGC=	Use if no NFRC Option Use Default	Width x Height	Area (ft ²) ft ² = $\frac{wxh}{144}$	Interior Shading (1 = none)	Adjacent Winter (N) None (S) Some (M) Most (F) Full	Shading Summer (N) None (S) Some (M) Most (F) Full	Overhangs (see below)	Combined ft ² OR Skylight Pitch (x≅/12")
------------	---------------	----------	---	--	-----------------------------------	----------------	--	--------------------------------	--	---	--------------------------	---



Overhangs: _____

L = Overhang depth is the horizontal distance (in feet) from the exterior wall to the edge of the overhang

D = Vertical distance (in feet) from the bottom of the overhang to the top of the window

H = Vertical distance (in feet) from the bottom of the overhang to the bottom of the window.