



An ENERGY STAR[®] Qualified Home

This home built at

3 Pathwood Lane, Weaverville, NC

by Stone Mountain Realty

has been verified by Vandemusser Design, PLLC, an independent professional or organization,
to meet or exceed strict energy efficiency guidelines
set by the U.S. Environmental Protection Agency.

HERS Index: 79

06-16-09

David Lee
Chief
ENERGY STAR Residential Branch

Sam Rashkin
National Director
ENERGY STAR for Homes

www.energystar.gov

REMRate - Residential Energy Analysis and Rating Software v12.7

Home Energy Rating Certificate

3 Pathwood Lane
Weaverville, NC 28787



5 Stars
Confirmed Rating

Uniform Energy Rating System

Energy Efficient									
1 Star	1 Star Plus	2 Stars	2 Stars Plus	3 Stars	3 Stars Plus	4 Stars	4 Stars Plus	5 Stars	5 Stars Plus
500-401	400-301	300-251	250-201	200-151	150-101	100-91	90-86	85-71	70 or Less

HERS Index: **79**

General Information

Conditioned Area: 1620 sq. ft. House Type: Single-family detached
Conditioned Volume: 14580 cubic ft. Foundation: Unconditioned basement
Bedrooms: 3

Mechanical Systems Features

Air-source heat pump: Electric. Htg: 8.5 HSPF. Clg: 14.0 SEER.
Water Heating: Conventional, Electric, 0.92 EF, 50.0 Gal.

Duct Leakage to Outside: 39.00 CFM.
Ventilation System: Exhaust Only: 46 cfm, 20.0 watts.
Programmable Thermostat: Heating: Yes Cooling: Yes

Building Shell Features

Ceiling Flat: R-44 Exposed Floor: R-19
Vaulted Ceiling: NA Window Type: AM U.32 SH.28
Above Grade Walls: R-15 Infiltration:
Foundation Walls: R-1.1 Rate: Htg: 816 Clg: 816 CFM50
Slab: None Method: Blower door test

Lights and Appliance Features

Percent Fluorescent Pin-Based: 10.00 Clothes Dryer Fuel: Electric
Percent Fluorescent CFL: 20.00 Range/Oven Fuel: Propane
Refrigerator (kWh/yr): 775.00 Ceiling Fan (cfm/Watt): 70.40
Dishwasher Energy Factor: 0.68

The Home Energy Rating Standard Disclosure for this home is available from the rating provider.

REM/Rate - Residential Energy Analysis and Rating Software v12.7

This information does not constitute any warranty of energy cost or savings.
© 1985-2009 Architectural Energy Corporation, Boulder, Colorado.

Rating Number: 08029B
Certified Energy Rater: Amy Musser
Rating Date: 06-16-09
Rating Ordered For:

Estimated Annual Energy Cost

Use	Confirmed Rating		
	MMBtu	Cost	Percent
Heating	11.5	\$279	20%
Cooling	3.3	\$85	6%
Hot Water	11.8	\$295	21%
Lights/Appliances	22.3	\$569	40%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$201	14%
Total		\$1428	100%

This home meets or exceeds the minimum criteria for all of the following:

Vandemusser Design, PLLC
33 Melbourne Pl.
Asheville, NC 28801
Phone: 828.348.4723
Fax: 828.253.8347
www.vandemusser.com

RESNET HOME ENERGY RATING Standard Disclosure

For home located at: 3 Pathwood Lane

City: Weaverville

State: NC

1. The Rater or the Rater's employer is receiving a fee for providing the rating on this home
2. In addition to the rating, the Rater or Rater's employer has also provided the following consulting services for this home:

- A. Mechanical system design
- B. Moisture control or indoor air quality consulting
- C. Performance testing and/or commissioning other than required for the rating itself
- D. Training for sales or construction personnel
- E. Other (specify below)
Healthy Built Home Rating Services & Manual J Load Calculation

3. The Rater or Rater's employer is:

- A. The seller of this home or their agent
- B. The mortgageor for some portion of the financed payments on this home
- C. An employee, contractor or consultant of the electric and/or natural gas utility serving this home

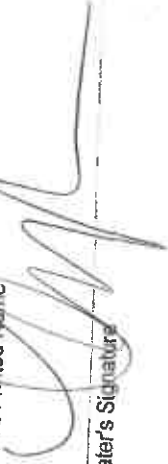
4. The Rater or Rater's employer is a supplier or installer of products, which may include:

	Installed in this home by:	QR	Is in the business of:
HVAC systems	<input type="checkbox"/> Rater	<input type="checkbox"/> Employer	<input type="checkbox"/> Rater <input type="checkbox"/> Employer
Thermal insulation systems	<input type="checkbox"/> Rater	<input type="checkbox"/> Employer	<input type="checkbox"/> Rater <input type="checkbox"/> Employer
Air sealing of envelope or duct systems	<input type="checkbox"/> Rater	<input type="checkbox"/> Employer	<input type="checkbox"/> Rater <input type="checkbox"/> Employer
Windows or window shading systems	<input type="checkbox"/> Rater	<input type="checkbox"/> Employer	<input type="checkbox"/> Rater <input type="checkbox"/> Employer
Energy efficient appliances	<input type="checkbox"/> Rater	<input type="checkbox"/> Employer	<input type="checkbox"/> Rater <input type="checkbox"/> Employer
Construction (builder, developer, construction contractor, etc.)	<input type="checkbox"/> Rater	<input type="checkbox"/> Employer	<input type="checkbox"/> Rater <input type="checkbox"/> Employer
Other (specify below):	<input type="checkbox"/> Rater	<input type="checkbox"/> Employer	<input type="checkbox"/> Rater <input type="checkbox"/> Employer

I attest that the above information is true and correct to the best of my knowledge. As a Rater or Rating Provider I abide by the rating quality control provisions of the Mortgage Industry National Home Energy Rating Standard as set forth by the Residential Energy Services Network (RESNET). The national rating quality control provisions of the rating standard are contained in Chapter One 4.C.8 of the standard and are posted at <http://www.natresnet.org/accred/standards.pdf>. This home may have been verified under the provisions of Chapter Six, Section 603, "Technical Requirements for Sampling" of the Standard.

Amy Musser

Rater's Printed Name



Rater's Signature

1998-107-01

Certification #

June 17, 2009

Date



VANDEMUSSER
DESIGN
PLLC

June 17, 2009

Subject: Energy Star certification for 3 Pathwood Lane, Weaverville, NC

Dear Homeowner,

Attached you will find the Energy Star documentation for your new home. The blue Energy Star label will be placed on the inside of the electrical panel door for the home. This will ensure that it stays with the home as a permanent label of its energy star status. You will also find:

- RESNET Standard disclosure form: This discloses the relationship of the person who performed the rating on your home to providers of other services for the home.
- Energy Star home certificates: These will show your HERS index, which is the ratio of your home's energy use to an identical house built to just meet the 2004 International Energy Code. For example, if your HERS rating is 70, your home is projected to use 70% of the energy that an identical home built exactly to code would use.

Please be aware that while your energy star rating includes a utility bill estimate, this estimate is based on a number of assumptions, some of which depend on the way you operate the home. One of these assumptions is that the thermostats are set to 68F in the winter and 78F in the summer, and that the weather is "typical" for the nearest city in our database (usually Asheville). Though the estimate is often quite accurate, energy star is not an energy bill guarantee program – your mileage may vary.

Since you are a Progress Energy customer, there is an electrical rate discount for buyers of an energy star home. We have faxed the necessary paperwork to Progress on your behalf. If the discount does not show up on your next billing cycle, you may fax the attached certificate to 919-546-7381 – or if you call us, we will re-send it for you.

We hope that you have a happy, comfortable, and energy efficient future ahead of you in your new home.

Sincerely,

Amy Musser
Member/Manager
Vanderusser Design, PLLC

33 MELBOURNE PL

ASHEVILLE, NC 28901

T: 828.337.2317

F: 828.253.8947

NORTH CAROLINA HEALTHYBUILT HOMES



hereby recognizes that

3 Pathwood Lane, Weaverville, NC

has met the requirements to achieve a

Bronze Level Certification

as a

NC HealthyBuilt Home

Issued this day

September 30, 2009

to

Stone Mountain Investment and Realty

In honor of their achievement and commitment to build a healthy, energy efficient, environmentally sustainable home



Temporary Certificate, Awaiting Signatures



GREEN BUILT HOMES



Hereby recognizes that

3 Pathwood Lane, Weaverville, NC

has met the requirements to achieve

Certified Level

issued this day

September 30, 2009

Stone Mountain Investment and Realty

In honor of their achievement and commitment to build a healthy, energy efficient, environmentally sustainable home

MAGGIE LESLIE, PROGRAM DIRECTOR



GREENBUILT
ALLIANCE

SAM RUARK-EASTES, DIRECTOR