



An ENERGY STAR[®] Qualified Home

This home built at

PO Box 5985, Winston Salem, NC

by Sonoma Building Company

has been verified by Energy Solutions, LP

an independent professional, to meet or exceed strict energy efficiency guidelines
set by the U.S. Environmental Protection Agency.

A handwritten signature in black ink, appearing to read "David Lee".

David Lee
Chief
ENERGY STAR Residential Branch

Saturday, May 31, 2006

www.energystar.gov

A handwritten signature in black ink, appearing to read "Sam Rashkin".

Sam Rashkin
National Director
ENERGY STAR for Homes

2005 EPACT ENERGY EFFICIENT HOME TAX CREDIT

Date: October 18, 2006 Rating No.:

Building Name: Lot 26 Border Creek Rating Org.: Energy Solutions, LP
Owner's Name: Sonoma Building Company Phone No.: 336 463 2005
Property: PO Box 5985 Rater's Name: D Gough
Address: Winston Salem, NC 27113 Rater's No.:

Builder's Name: Sonoma Building Company
Weather Site: Greensboro, NC Rating Type: Site Visit
File Name: Porters Glen.blg Rating Date: Saturday, May 31, 2006

Normalized Energy Consumption (MMBtu/year)

	2004 IECC	
	50% Target	As Designed
Heating:	9.5	16.0
Cooling:	4.4	5.2
Total:	13.9	21.2

Envelope Loads (MMBtu/year)

	2004 IECC	
	90% Target	As Designed
Heating:	27.4	28.2
Cooling:	22.2	17.0
Total:	49.7	45.2

This home DOES NOT meet the requirements for the residential energy efficiency tax credits under Section 1332, Credit for Construction of New Energy Efficient Homes, of the Energy Policy Act of 2005.

Building Shell Features

Ceiling Flat: R-38w/RB, R-38, R-19w/RB Slab: None
Vaulted Ceiling: R-38 Duct: R-6.0
Above Grade Walls: R-13, R-16 Window: U-Value = 0.310, SHGC = 0.330
Foundation Walls: R-10.9 Air-Source HP: Electric, Htg: 8.0 HSPF. Clg: 14.0 SEER.
Exposed Floor: R-0, R-19 Air-Source HP: Electric, Htg: 8.0 HSPF. Clg: 14.0 SEER.

Under penalties of perjury, I declare that I have examined this certification, including accompanying documents, and to the best of my knowledge and belief, the facts presented in support of this certification are true, correct, and complete.

Name: _____ Company: _____
Signature: _____ Date: _____

EMISSIONS REPORT

Date:	October 18, 2006	Rating No.:	
Building Name:	Lot 26 Border Creek	Rating Org.:	Energy Solutions, LP
Owner's Name:	Sonoma Building Company	Phone No.:	336 463 2005
Property	PO Box 5985	Rater's Name:	D Gough
Address:	Winston Salem, NC 27113	Rater's No.:	
Builder's Name:	Sonoma Building Company		
Weather Site:	Greensboro, NC	Rating Type:	Site Visit
File Name:	Porters Glen.blg	Rating Date:	Saturday, May 31, 2006

Total Emissions (lbs/year)

Lot 26 Border Creek

Type of Emissions

Carbon Dioxide (CO ₂)	21987.4
Sulfur Dioxide (SO ₂)	130.6
Nitrogen Oxides (NO _x)	88.9

Emissions By End-Use (lbs/year)

Lot 26 Border Creek

Carbon Dioxide (CO₂)

Heating	7005.9
Cooling	2796.7
Water Heating	2197.5
Lights & Appliances	9987.4
Photovoltaics	0.0

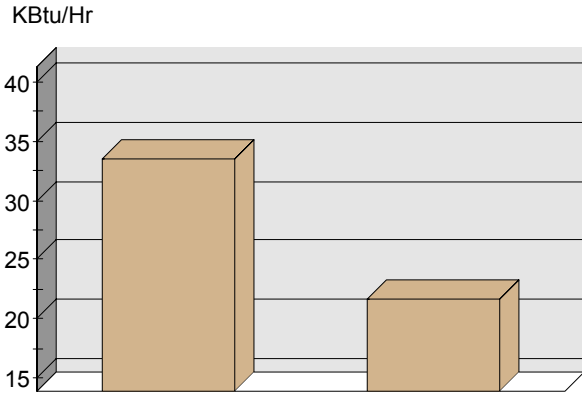
Sulfur Dioxide (SO₂)

Heating	46.2
Cooling	18.5
Water Heating	0.0
Lights & Appliances	65.9
Photovoltaics	0.0

Nitrogen Oxide (NO_x)

Heating	30.5
Cooling	12.2
Water Heating	2.7
Lights & Appliances	43.5
Photovoltaics	0.0

Design Loads



Utility Rates:

Electricity: Duke Energy E-Star 1
Gas: P Nat Gas Value

PERFORMANCE SUMMARY

Date: October 18, 2006

Rating No.:

Building Name: Lot 26 Border Creek

Rating Org.: Energy Solutions, LP

Owner's Name: Sonoma Building Company

Phone No.: 336 463 2005

Property: PO Box 5985

Rater's Name: D Gough

Address: Winston Salem, NC 27113

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Builder's Name: Sonoma Building Company

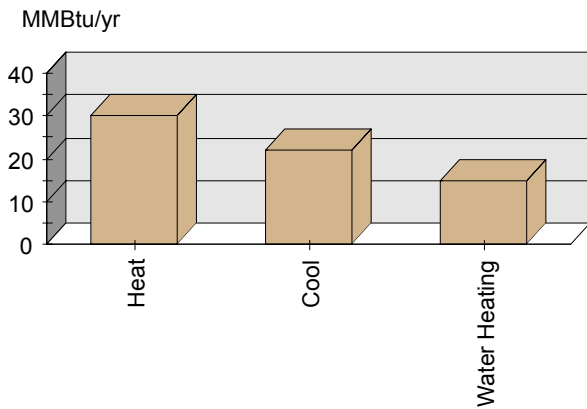
Weather Site: Greensboro, NC

Rating Type: Site Visit

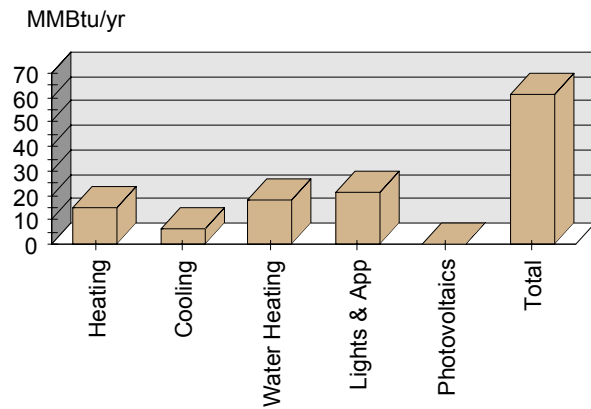
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Annual Load



Annual Consumption



Annual Energy Cost

