



D.R. Nelson & Associates
Building Science Delivered

ANTHEM AT TRIBUTE

Robertson Brothers Homes are engineered for energy efficiency. Our energy saving construction package includes;

Ceiling: R-38
Framed Walls: R-13+OSB+Housewrap

Windows: U=0.35
Foundation: R-11

Furnace: 92% AFUE
Water Heater: 0.62 Ef

A/C: 13 SEER (optional)
Nelson Energy Seal®

Plan/Model	1960's-1970's Era Energy Code ¹ Predicted performance of identical plan built to "Prescriptive" values of then Michigan Energy Code.		1990's-2008 Energy Code ² Predicted performance of identical plan built to "Prescriptive" values of the 1997-2008 Michigan Energy Code.		New Energy Code ³ Predicted performance of identical plan built to "Prescriptive" values of our new Michigan Energy Code effective March 2011.		Robertson Brothers ⁴ The dimensionally identical home built with the Robertson Brothers Energy package	
	Annual Energy Costs*	Home Energy Rating Score**	Annual Energy Costs*	Home Energy Rating Score**	Annual Energy Costs*	Home Energy Rating Score**	Annual Energy Costs*	Home Energy Rating Score**
Charleston • 1881 sq.ft.	\$ 2,991	119	\$ 2,761	111	\$ 1,864	85	\$ 1,464	68
Concord • 2368 sq.ft.	\$ 3,039	118	\$ 2,789	110	\$ 1,904	83	\$ 1,421	61
Princeton • 2128 sq.ft.	\$ 2,536	121	\$ 2,310	112	\$ 1,561	85	\$ 1,207	67
Richmond • 1716 sq.ft.	\$ 2,466	122	\$ 2,204	111	\$ 1,452	84	\$ 1,172	69
Yorktown • 2300 sq.ft.	\$ 2,734	115	\$ 2,524	108	\$ 1,703	82	\$ 1,283	64

* Predicted Annual Heating, Cooling & Water Heating costs based on average climate data for SE MI and Electricity @ 12¢ /kWh, Natural Gas @ \$1.00/CCF

**HERS is a registered trademark of RESNET (Residential Energy Specialists Network). For more information about HERS ask your salesperson or visit: www.RESNET.us

1. Built to: Ceiling: R-19, Walls R-11, Windows U=0.60, Basement Walls R-0, Furnace 78%, AC 10 SEER - typical values of the era.
2. Built to the 1997-2008 MI Uniform Energy Code Table 1074; "Prescriptive Compliance Approach".
3. Built to current MI Uniform Energy Code Table N1102.1; "Simplified Prescriptive Building Envelope Criteria"
4. Built to the Robertson Brothers standard energy saving package described above.

This information does not constitute any warranty of energy costs or savings. This analysis was conducted using REMRate v14.5.1, the computer software program developed for the Energy Star® for homes program by the United States Environmental Protection Agency and the Department of Energy. D.R. Nelson & Associates, Inc. is a licensed, certified HERS Rater/Provider for RESNET and the Energy Star® Program. The energy costs above were calculated by comparing dimensionally identical homes with the values expressed – typical of the energy code at the time. Your heating, cooling and water heating energy costs may be more or less depending upon such factors as; number of occupants, occupant behavior, temperature settings, window coverings and more.

