

Architect:

Sunbiosis
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Owner:

Private Residence

Project Cost:

\$177,419

Square Footage:

1744 sf

Cost per Square Foot:

\$101.73/sq ft

Completion Date:

August 2005

Project Consultant:

General Contractor

The Quarries LLC
Linda Lloyd
72 Covered Bridge Road
Warren, VT 05674

Carpenter

Sage Carpentry
David Partington
Phone: (434)531-4150



Project Description:

This home is the first Earthcraft certified house in the state of Virginia and was built as a demonstration project in conjunction with the Blue Ridge Homebuilders Association to show that a home can be built that is energy efficient, green and healthy and affordable. The home was sold on 5 wooded acres for \$242000. This home was done by Linda Lloyd of The Quarries LLC as a fund raiser for the Yestermorrow Design/Build School (www.yestermorrow.org). Linda donated her time as general contractor to the project which was built in 5 months from ground breaking.

Green Features:

- Under 1800 sq footage with no wasted space or hallways
- First floor walls are Superior Walls
- Upper floor walls are Hardiplank
- Lcynene spray insulation
- Flooring: concrete first floor, upper is walnut and beech harvested and manufactured in the Appalachians, marmoleum in bathroom
- Cabinetry low formaldehyde from IKEA
- High efficiency heat pump with ERV
- Energy Smart appliances (washer uses only 8 gallons per load, refrigerator runs a full year on \$39/electric)
- Dual flush Sterling Rockton toilets
- Kitchen counters are concrete (Pretty Hard) and local soapstone (Alberene Soapstone)
- Locally milled locust and oak are featured on the stairs (Logs to Lumber)

