

LEED for Homes Project Snapshot

Hybrid Homes & Image Design
Watercress
Pentwater Michigan
LEED PLATINUM

42% Expected Energy Savings
 Based on HERS Score

65% Construction Waste
 Diverted from Landfill



Photo Courtesy of: Image Design

STRATEGIES AND RESULTS

This homes siding is a hand hewn cedar log siding from Homestead Timbers with Anderson windows. The project will be topped off with a burgundy metal standing seam roof. The interior will be using a lot of recycled content, including cabinets for the wet bar and laundry room. Vanity tops for two bathrooms various columns and the mantel will come from tree's at building site. This home will sit on the shores of Pentwater Lake with two spring feed creeks that flow into it. The creeks are lined with Watercress, which is where the project gets its name.

EXEMPLARY PERFORMANCE

Logix ICF Foundation, SIP's Panel Construction, Michigan White Cedar Log siding & trim, Low-E argon gas filled Andersen Windows Barrier free/Lifetime Design, Soy based insulation, Stained Concrete Floors, Bamboo flooring, FSC Certified Kitchen Cabinets, Recycled glass counter tops by Vetrazzo, Programmable thermostats, Mechanical ventilation Radon venting, Dual flush toilets by Toto, Zero VOC (volatile organic compounds) paint High efficiency lighting fixtures

PROJECT BASICS

Project Type	Single Family
Conditioned Space	2700 sq ft
Bedrooms	4
Bathrooms	2
Lot Type	Previously Developed
Construction Type	Custom

KEYS TO SUCCESS

Insulation	SIPS
Wall Insulation	Soy Based
Paint	Zero VOC

About the Project Team

It was designed by Eric A. Hughes. The Owner of Image Design, LLC, which is a national award winning sustainable residential design firm based out of East Grand Rapids Michigan. The home was built by the national award winning builder Adam Bearup of Hybrid Homes, LLC based out of Muskegon, Michigan. This is the same team that designed and built West Michigan's first LEED "Platinum" home back in 2008.

LEED for Homes Provider

AES

About LEED for Homes

LEED for Homes is a voluntary, third-party certification program developed by residential experts and experienced builders. LEED promotes the design and construction of high-performance green homes, and encourages the adoption of sustainable practices throughout the building industry.



www.usgbc.org/homes

The information provided is based on that stated in the LEED® project certification submittals. USGBC does not warrant or represent the accuracy of this information. Each building's actual performance is based on its unique design, construction, operation, and maintenance. Energy efficiency and sustainable results will vary.

THE LEED FOR HOMES DIFFERENCE

Construction Waste Management Plan	<input checked="" type="checkbox"/> YES!
On-Site Performance Tests	<input checked="" type="checkbox"/> YES!
Custom Durability Planning Checklist	<input checked="" type="checkbox"/> YES!
Third-Party Verified Documentation	<input checked="" type="checkbox"/> YES!

LEED™ Facts

Watercress



LEED for Homes
 Certification Awarded December 2009

Platinum 92*

Innovation in Design 6/11

Location & Linkages 5/10

Sustainable Sites 19/22

Water Efficiency 9/15

Energy & Atmosphere 20.5/38

Materials & Resources 11.5/16

Indoor Environmental Quality 19/21

Awareness & Education 2/3

**Out of 136 possible points*



