



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

Baldwin Homes, Inc.

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Home Builder

Member since October 2009

Management and Leadership



Environmental Team

Michael Baldwin, president of Baldwin homes, is a Certified Green Professional by the National Association of Home Builders. This is an exclusive designation that teaches building industry professionals strategies for incorporating green building principals into homes using cost effective and affordable options. This designation also requires continuing education credits which must be completed every three years.

Lisa Feeheley, Marketing Coordinator for Baldwin homes is also a key member of the Baldwin Homes Green Team and is certified through the Green Advantage Residential Environmental Certification. The Green Advantage program is a national recognition program for demonstrating the knowledge of green building.

Baldwin Homes Green Team is comprised of the Baldwin Homes employees, whether it be the receptionist to field supervisor. Each employee has a role in how Baldwin Homes has gone green. Each employee is committed to Baldwin Home's mission and makes sure they recycle, are energy conscious and efficient while on the job, plus make sure all the green guidelines are followed with each home we build.



Environmental Policy Statement

Baldwin Homes' mission is to build luxury single, multi-family and custom homes throughout Maryland with an emphasis on green building, energy

efficiency, enhanced comfort, environmental conservation, healthy homes, and homeowner value.



Environmentally Preferable Products and Services

In all Baldwin Homes "Green" Homes we use environmentally friendly products and work with environmentally conscious manufacturers, including, Weaver Precast Superior Walls, Structural Systems, Pella Windows, Dow, Certainteed, Lennox, Rinnai, Zurn, NCFI, and McCormick.

We work to use the top high performance products we can: advanced framing techniques, structurally insulated sheathing, fiber cement siding, 30 year roof shingles, recycled drywall, low VOC paint and more. It is our goal to make sure the products and services utilized within one of our green homes are truly energy efficient, healthy, and sustainable for our homeowners.

Our new Eco-model home in Gambrills, MD will be built to the Energy Star Certification, National Association of Home Builder Green Building Standards, Emerald Level, USGBC's LEED Standards, Gold Level, and U.S. Department of Energy Builders Challenge. With this ECO-MODEL we are hoping to build a home that is at least 40% more efficient than a home built to current building standards. For more information, see <http://www.baldwinhomes.net/content/projects/greenbuilding.cfm>



Environmental Restoration or Community Environmental Projects

Baldwin Homes has constructed a Coastal Plans Outfall System (see more information under "Stormwater") at the Preserve at Severn Run in Anne Arundel County. The nearest body of water to the site is the Jabez branch, a tributary of the Severn Run and the only stream in the Maryland Coastal Plain physiographic region that supports a native, self-sustaining Brook Trout population. Brook trout require a constant water temperature and this is one of the benefits of the Coastal Plains Outfall system.

This outfall system will eventually become its own eco-system. To help with the development and plantings of the Coastal Plains Outfall System, we enlisted the help of Arlington Echo, an outdoor education program for Anne Arundel County Schools. All the plants planted in the system were raised and planted by local school children while learning at Arlington Echo in Millersville.

We also plan to make our ECO-MODEL a learning, demonstration model where everyone and anyone can interact with the products and understand how a Green Home is built and maintained. The model will be open on during the

week and on weekends for seminars, teaching sessions, exhibits, etc for the public to come and discover "Green."

Waste



Recycling

Baldwin Homes uses Bay Area Disposal for our Construction Dumpsters and they take all the waste from our jobsites to Curtis Creek Recovery where it is sorted and recycled by the tons. We are normally able to recycled anywhere from 50% to 95% of our construction waste from a jobsite.

Energy



Energy Efficiency

Baldwin Homes installs energy efficient HVAC Systems in all our homes and in the majority of our homes we install foam insulation which can help our homeowners save up to 40% off their heating and cooling costs annually.



Renewable Energy

Baldwin Homes, Inc. main office and several of our model homes are powered via a renewable energy source. We purchase wind power through Clean Currents at 100% for our office and 50% for our models.

Water



Water Conservation

Baldwin Homes Green Homes are built standard with water saving, low flow faucets and fixtures, such as dual flush toilets and low flow showerheads. Our Dual Flush Toilets use either 1.1 or 1.6 gallons per flush. Our showerheads use less than 2.5 gallons per minute instead of the normal 2.5 gallons. By utilizing these features in our homes, we can save homeowners thousands of gallons of water a year.



Stormwater Management and Site Design

The Preserve at Severn Run is the first community in the nation and in Anne Arundel County to have a Coastal Plains Outfall System, otherwise referred to as a regenerative storm water conveyance design. It is a storm water management system that involves a series of descending catch pools, made of

native plants and stones set on a thick base of sand. It is designed to collect rainwater coming off the homesite. Small amounts of water are absorbed by the underlying sand and soil and absorbed back into the ground at a gradual pace, while heavier rainfalls fill one pond and then the next in descending order, helping to reduce the toxins in the water and decrease the shock on the receiving streams and rivers.

Green Building



LEED Gold

Baldwin Homes Eco Model will be built to the LEED Gold standard for New Construction, however all Baldwin Homes are built to The National Association of Home Builders Green Standards, and can be certified if the homeowner chooses.



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at www.green.maryland.gov/registry

