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King County



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MASTER BUILDERS ASSOCIATION



PUGET SOUND ENERGY



James Hardie



PORT BLAKELY COMMUNITIES



PARSONS public relations

Mission

Our mission is to promote ecologically friendly home building methods and practices, and to

Featured Project



View the case study [here](#).

Batt and Lear Hawthorne Hills Remodel

This month's featured home is a 5-Star remodel in the Hawthorne Hills Neighborhood by Batt and Lear Design Build. Batt and Lear converted the 1948 home from 2 bedrooms and 1 bath to 3 bedrooms and 2 baths while adding 320 square feet. The home features a water catchment cistern, rain garden, cedar rain screen, FSC certified woods and a high efficiency heating system. All of the energy features would have been for naught without a comprehensive envelope upgrade resulting in super insulated walls and roof.

Some of the many green features of the project include:

Site and Water Protection

- Limited use of heavy equipment on the site
- Amended soils depth to 8-10 inches
- Replanted removed vegetation on the site
- Installed an irrigation system that includes cistern to recycle water
- Minimized use of impervious surfaces outside of the house footprint using pervious paver strategy
- Dual flush toilets in bathrooms.

Energy Efficiency

- Home expected to perform at 30% better than an average code home
- Designed for solar heat gain
- Updated envelope energy performance beyond current energy code and used airtight drywall approach
- High efficiency Energy Star gas heating

Featured Event

Dec. 11 and 12, Meydenbauer Center, Bellevue 2007 Northwest Builders Show features David Johnston and other green-building professionals!



David Johnston, recipient of the 2007 International Sustainability Pioneer Award, is a featured guest speaker at the 2007 Northwest Builders Show. The title of his presentation is "What's Working? Green Remodeling".

David Johnston has often been recognized as a national and international leader in the field of green building and sustainability. The SAM/SPG Sustainability Leadership Award is in its seventh year, and acknowledges personal excellence in implementing the principles of sustainability in the corporate sector. David Johnston is one of several other highly qualified professionals who will focus on leading edge topic within the building industry and green building.

Mike Nelson, Photovoltaic Projects Specialist and Manager of the Northwest Solar Center, will present the technical, economic and marketing strategies for including renewable energy in your business plan. The (EEBA) Environmental and Energy Building Association will offer a full-day pre-conference seminar Dec. 10th. The EEBA course runs from 8:00 AM to 5:00 PM and requires pre-registration and includes lunch for a rate of \$75.00. Group discount rates are available for the entire Educational Passport, permitting admittance to all classes being conducted during the tradeshow, by contacting the Trade Show Director, Lesley Odland at lodland@mbaks.com or 425-278-0220.

For a complete list of all classes, please visit the Northwest Builder Show website at www.northwestbuildersshow.com.

The show also features exhibitors that are authoritative resources for information about the processes and vitality of producing solar energy. OutBack Power Systems will be displaying products that allow you to connect your renewable energy system to your home or commercial electrical system and use or sell power back to the utility. Sunergy Systems is a solar integrator providing full-service design, engineering, sales, installation and service of solar electric and solar thermal applications for homebuilders, architects, business facilities and homeowners. Puget Sound Solar has designed and installed 90 solar electric systems and 50 hot water systems in Washington. The Exhibit floor is FREE if you register before November 30th. To register, visit: www.northwestbuildersshow.com.

Need more information? Contact Lesley Odland, Director of Trade Show Operations at Master

enhance our communities through leadership in sustainable development.

Non-Profit

Built Green is a non-profit 501(c)3 organization accepting donations to promote green building and education programs

Statistics

Total homes certified since 2000
12,205

Total homes certified 2007
2205

Total BG member companies
578

Resources

[Construction Works](#)

[EnergyStar](#)

[Checklists](#)

[Northwest EnergyStar](#)

system

- Energy Star appliances throughout
- Blower door test to measure air leakage
- Use of advanced framing
- Windows with U-value 0.35 or better

Material Use

- Use of FSC certified wood products including at least 50% of dimensional lumber and hardwood decking on project
- Use of re-milled salvaged lumber
- Re-finished existing wood flooring rather than replacing
- Extensive use of recycled finish materials including glass tile, composite countertops, and recycled content drywall
- Cedar siding is considered a 50-year siding product
- Used finger jointed wood windows, cedar shingles, and finger jointed trim for cabinetry
- Extensive recycling plan for jobsite waste that included recycling of wood, metal scraps, drywall, paint, concrete, packaging and cardboard

Indoor Air Quality

- No carpet used in remodel or addition
- Use of Low VOC paints and adhesives
- Formaldehyde-free cabinetry, trim and insulation
- Implemented healthy jobsite operation plan including use of low-toxic cleaners, mitigation of construction dust and cleaning of duct and furnace before move in
- Protection of exterior building components from moisture damage
- Installation of rain screen system
- Mastic sealing of ductwork
- Thorough cleaning of ducts and furnace prior to occupancy

To see other previously featured virtual tours, [click here](#).

Case study photos by Bootsy Holler.

New Members

Are you a Built Green member and a member of the Master Builders Association? Then your company is designated with a small green tree on the Master Builders Association [website](#) as a Built Green member. Your company is also listed on the Built Green [website](#).

Welcome to our newest member companies!

Builders Association, at (425) 278-0220 or via [email](#).

Events

Visit the [Built Green Washington](#) website for green home building courses and events across the state of Washington.

Thursday, Dec. 13, Weyerhaeuser Room, Everett Station, Everett

Mapping a Future for

Low Impact Development

 **Snohomish County**



in Snohomish County

Meet with Snohomish County staff

to provide suggestions to streamline the LID permit process. This workshop will provide a forum for development professionals to provide input on the development process, rank LID features and benefits, and suggest amendments to county codes. We want to hear your ideas and opinions. Space is limited. R.S.V.P. is required.

When: Thursday, Dec. 13, 8:30 a.m. to 12:30 p.m.

Where: Weyerhaeuser Room, Everett Station, 3201 Smith Ave. in Everett

Cost: No cost, refreshments provided

To Register: R.S.V.P. by Dec. 7 via e-mail, please put *R.S.V.P. - LID Workshop* in the email subject line

For more information: contact Cate O'dahl, (425) 670-1342

New Certifications

Congratulations to [Bonterra Homes, Inc.](#) for certifying 53 homes in the Hawkstone Community in Marysville and the Watermarke Community in Lake Stevens as **3-Star Built Green**; **Concept Builders** for certifying one home on 278th Way SE in Enumclaw as **3-Star Built Green**; **Finish LLC** for certifying one home on N. Motor Place in Seattle as **3-Star Built Green**; [GMP Homes](#) for certifying 14 homes at the Issaquah Highlands Community in Issaquah as **4-Star Built Green**; **Greenleaf Construction** for certifying one home on 36th Avenue in Seattle as **3-Star Built Green**; [Howland Homes](#) for certifying 29 homes in Seattle as **3-Star Built Green**; **Powell Homes** for certifying 4 homes in Seattle as **2-Star Built Green**; and **Ridgestone Builders LLC** for certifying 104 homes in the Snoqualmie Ridge Community in Snoqualmie as **3-Star Built Green**!

Member News



Northwest Natural Resource Group Building & Remodeling with FSC has been released by Forest Products Solutions to further connect the residential green building industry to the increasing availability of Forest Stewardship Council certified products. The guide includes strategies, case studies and resources for building professionals and

16D Building and Design

(206) 409-1613 in Seattle

[Ballard Builders, LLC](#)

(206) 784-7911 in Seattle

Brace Development, LLC

(206) 281-9313 in Seattle

[Chermak Construction, Inc.](#)

Remodeling Excellence... On Time, On Budget
(425) 776-1367 in Edmonds

Eastside Custom Homes, LLC

(425) 888-0834 in North Bend

[Epic Homes](#)

(425) 754-7742 in Woodinville

[Exhibits NW, Inc.](#)

Sustainable, Green, Exhibits + Custom Displays
(206) 246-3709 in Seattle

[Foster Pepper PLLC](#)

(206) 447-8956 in Seattle

Gilchrist Homes, LLC

(206) 542-5023 in Shoreline

Haberzette Homes, LLC

(425) 823-1940 in Kirkland

Hagge Design Assoc, Inc.

(425) 313-9044 in Issaquah

[Home Certified, Inc.](#)

Moisture Testing, Drying and Temporary Heat
(866) 379-4674 in West Linn

[March-MacDonald, Inc.](#)

(206) 232-8464 in Mercer Island

[McBee & Co, Inc.](#)

(425) 702-6367 in Bellevue

Mountainside Construction

(425) 233-5371 in Kirkland

RJ Day Construction

(206) 228-1651 in Seattle

[Rick Anderson AIA](#)

(425) 778-2085 in Edmonds

[Rinnai Corporation](#)

(770) 833-1806 in Bothell

[Soundview Homebuilders](#)

(425) 776-7125 in Edmonds

homeowners who are interested in contributed to a positive future for our built and natural environments. Download the entire guide [here](#).

 **King County**

**New Round of
Built Green®
Incentive
announced**



Builders of single- and multi-family projects in King County could be eligible to receive grant funding through the Built Green® Incentive program, which promotes environmentally friendly construction.

The Built Green program, King County's Department of Natural Resources and Parks, and Seattle Public Utilities have announced a new round of grant incentives for residential project builders seeking Built Green certification in King County.

Single family, townhome and residential community developments that achieve a 4- or 5-star Built Green certification are eligible. Applications and guidelines will be available online soon at www.builtgreen.net/incentive.html. Applications are due Dec. 21.

Eligible projects can receive between \$2,500 and \$15,000, depending on project type and level of Built Green certification achieved. To be eligible for grant funding; projects must meet key goals for water conservation; soil standards; stormwater management; and recycling of construction, demolition and land clearing debris. Eight grants were awarded in the first round of the Built Green grants, which were announced earlier this year.

 **Contact Built Green**

**Master Builders
Association**



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[Master Builders Association Calendar of Events](#)

If you have news items for this newsletter, please send us an [email](#). Click here for [Directions](#) to the Master Builders Association.

