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THROUGH INNOVATIVE IDEAS, COLLABORATION, AND ACTION

Special thanks to the Green Building & Smart Growth sponsors who help fund this event and other initiatives at Sustainable Connections. Together, we're creating thriving communities.



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NORTHWEST GREEN HOME TOUR

WHATCOM COUNTY

JUNE 22

10AM - 5PM

Self-guided \$10



Photo credit: Elevate Pro Photo



SustainableConnections.org



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Photo credit: Chris DiNottia



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Welcome to the 17th annual Northwest Green Home Tour!

Each year Sustainable Connections is excited to showcase innovative, creative, and eco-friendly homes and landscapes within our community. It is our goal to inspire you to make your home a healthy, sustainable, happy place that contributes to a prosperous environment and economy.

Included in this guide is a business directory of Sustainable Connections' members that provide quality products and services to help you achieve your goals. You will also find a number of knowledgeable volunteers, professionals, and homeowners on the tour; please take advantage of this opportunity to ask questions and gather advice. Maybe your home will be on the tour next year!

The Northwest Green Home Tour takes place on the beautiful land of Whatcom County. These are the traditional lands of the Lummi, Nooksack, and Coast Salish Tribes, and we wish to acknowledge them as Traditional Owners.

Thanks and enjoy the tour!

Rose Lathrop, LEED AP, CSBA
Program Director
Sustainable Connections



VISIT ALL 2019 TOUR STOPS

- 1 LINDSAY AVENUE XANADU**
3803 Lindsay Ave*
- 2 GENTLE DENSITY**
1217 W. Connecticut St*
- 3 PRACTICALLY PERFECT**
1612 W. Connecticut St
- 4 TWIN PEAKS PASSIVE HOUSE**
5780 Schickler Lane*
- 5 CONSCIENTIOUS CRAFTSMAN**
2203 22nd St
- 6 FRAMED FOR THE FUTURE**
1623 Wilson Ave
- 7 TOWARD NET ZERO ENERGY**
2601 McKenzie

* This location is accessible for persons with reduced mobility.



1

LINDSAY AVENUE XANADU

3803 Lindsay Ave

Chuckanut Builders

- Prefabrication
- Advanced mechanical systems
- Durable building envelope
- Solar panels
- Natural daylighting



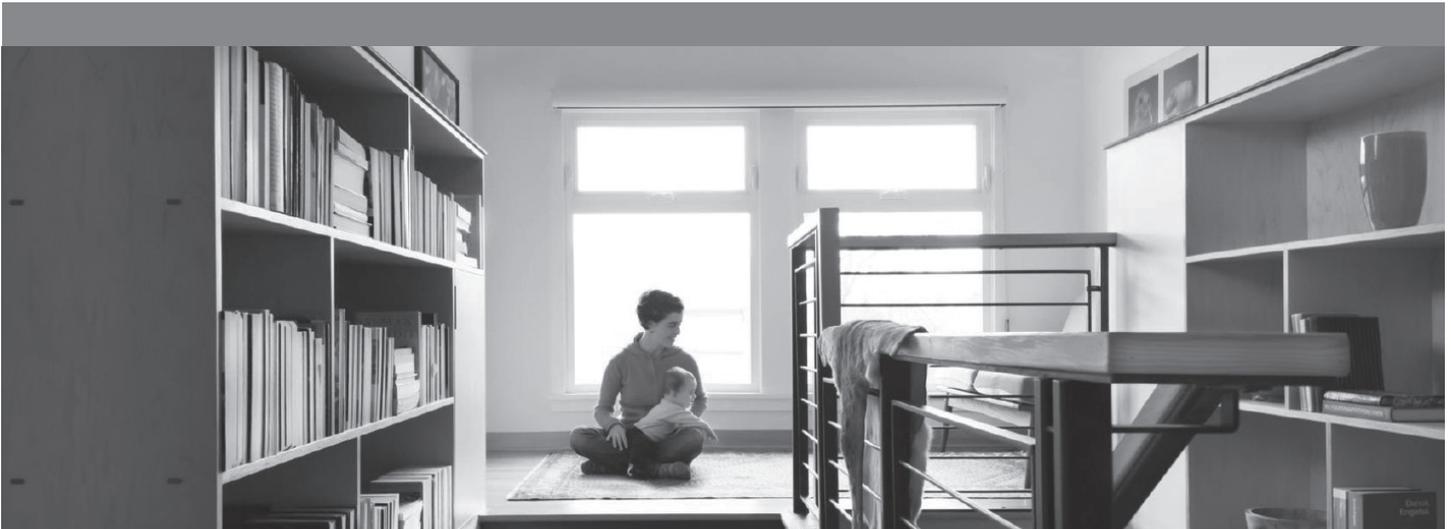
Chuckanut Builders are master collaborators. Intrigued by the possibility of working on a Stillwater Dwellings prefabricated home and excited to work with owners, Dina and Jay Dickerson, they set out to help guide the project to be more comfortable, durable, healthy and efficient.

Stillwater homes feature contemporary design with dramatic natural lighting, beautiful finishes and thoughtful, right-sized floor plans that are built using a combination of prefabricated wall panels and custom finishes installed onsite. Chuckanut Builders had a lot to add when it came to making it high-performance. The details of the mechanical systems and the building envelope harmonize with the overall design to make a durable building that will withstand the elements in style.

Collaboration, innovation, and community building are all trademarks of the Lindsay Xanadu project.

GREEN LIVING TIP:

Replacing water-guzzling fixtures can reduce home water consumption by up to 27 gallons per person per day. The City of Bellingham offers a rebate program and free water conservation kits to help you save.



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2

GENTLE DENSITY

1217 W. Connecticut St

TC Legend Homes



- Insulated concrete forms
- Orientation for active and passive solar
- Structural insulated panels
- Triple-pane windows
- High-efficiency mini-split heat

TC Legend Homes worked with owner, Nancy Waterman to downsize her life and earn some additional income. By replacing a one-car garage with a cozy, high-performance, 775 square foot detached accessory dwelling unit (DADU) that includes an attached single-car garage, she can now rent her 3-bedroom home to a larger family. Keeping true to her values, the RE Store was first on the scene to demo the old garage to maximize recycling opportunities and minimize waste.

The team at TC Legend Homes designed the DADU from the ground up to be net-positive-energy, meaning it will produce more energy on an annual basis than it requires. TC Legend Homes applied the same approach and many of the same building techniques to this DADU as it does to any of its other homes. The new DADU increases density where it is needed, at an address with an 82 walk score, and puts more energy onto the grid than it will consume!

GREEN LIVING TIP:

Save money and energy with a home energy assessment through the Community Energy Challenge.



Smart Trips = Green Trips

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**SMART
TRIPS**

Make a difference anywhere you go

3

PRACTICALLY PERFECT

1612 W. Connecticut St

A1 Design Build



- Locally sourced cabinets
- Sustainable countertops & flooring
- Energy efficient appliances
- LED lighting & task oriented switching
- Low VOC paint
- Local custom bench upholstery

With the kids out of the house and retirement setting in, owners Jack and Scout Kimmes wanted to refresh the space they spend the most time in, the kitchen, without breaking the bank. Working with A1 Design Build they were able to stay in the same physical footprint and add needed function with style. A1 Design Build was delighted to have a client that shared values for beautiful, durable, and healthy spaces.

By choosing high quality, locally sourced products they have a down to earth kitchen remodel that works for their lifestyle. Beyond local products, this kitchen was designed to optimize space for fresh, local food. They can enjoy their morning breakfast ritual in a space they love for their next chapter in life.

GREEN LIVING TIP:

Think local first! For every \$100 spent at a locally owned business, \$43 remains in the economy. Find local businesses in the Sustainable Connections online business directory.



Go ahead — put your feet up

Sometimes you just need some space. We can help you find a little — or a lot — more room. Or another story, or the covered porch of your dreams. So feel free to stretch.

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4

TWIN PEAKS PASSIVE HOUSE

5780 Schickler Lane

Bellingham Bay Builders

- Solar battery storage
- High performance building envelope
- Ground source heat pump
- Net positive energy
- Passive House Certified



Who wouldn't want to live in a home that remains safe and comfortable well after the zombie apocalypse has begun? In all seriousness, Twin Peaks Passivhaus + ADU was designed and built to provide a home that was resilient in the face of natural disasters. Fortunately, the same great building strategies that give us resilience also provides a home that is incredibly comfortable and healthy. For the owners, its net positive energy performance is perhaps the most exciting feature. The energy profile of the home and its ADU will have a small offsetting effect on greenhouse gases in our atmosphere.

Designed and built to meet the rigorous standards of Passive House, Twin Peaks Passivhaus + ADU, started with countless hours of research by the owners in their pursuit to minimize their own global climate change footprint. From there they assembled the design and building team to finalize their plans and build their new home.

GREEN LIVING TIP:

Eat local first. In Whatcom County, most farmers and fishers work hard to be good stewards of our land and waters, making sure our kids have healthy food. Learn more at eatlocalfirst.org.

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5

CONSCIENTIOUS CRAFTSMAN

2203 22nd St

Instinct Builders

- Materials reuse
- Salvaged lumber
- Native landscape
- Rainwater catchment
- Energy efficiency



A beautiful 1920s cabin, nestled into the edge of the 100 Acre Wood, needed updating. Instinct Builders and Bundle Design Studio worked with the homeowners to transform this little cabin's efficiency and functionality. A new master bed and bath that rose up through the roofline on the second floor replaced low 6' ceilings. While still honoring the quaint stature, 60% of the existing roof was removed and a new vaulted ridgeline was installed to give a spacious 12' tall ceiling and room for a new staircase.

Reclaimed VG Fir was milled on site to match the original woodwork and a custom mission-style staircase was built to enhance the original exposed timber beams and fir flooring. A standing seam metal roof with 2" of continuous rigid foam insulation was installed over the entire home for efficiency and longevity, as well as for creating a quality rainwater catchment for maintaining the native plants. This seamlessly integrated remodel enhances and honors the original character with fine craftsmanship.

GREEN LIVING TIP:

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6

FRAMED FOR THE FUTURE

1623 Wilson Ave

Aiki Homes



- Energy and water efficiency
- Site photovoltaics
- Rainwater harvesting system
- Non-toxic materials
- Ethically sourced materials

Situated in the heart of the historic Fairhaven neighborhood, this European inspired home has been carefully crafted with the environment in mind. Low impact construction practices, resource efficient technologies, and sustainable material selections help this project achieve a 5 star Built Green rating. The recently revamped certification program offers significant incentives for the homeowner's conservation choices.

In the damp PNW, mold infestation can often be a challenge. Mold prevention and indoor air quality are of the utmost importance to these homeowners. The efficient and breathable building envelope, mold resistant materials and mold treatment combine with whole house heat recovery and ventilation system to create a safe, clean indoor environment.

GREEN LIVING TIP:

Banking locally benefits your family, business, and your community. By serving a smaller region, local banks are able to customize their services and products to match the needs of their specific community.

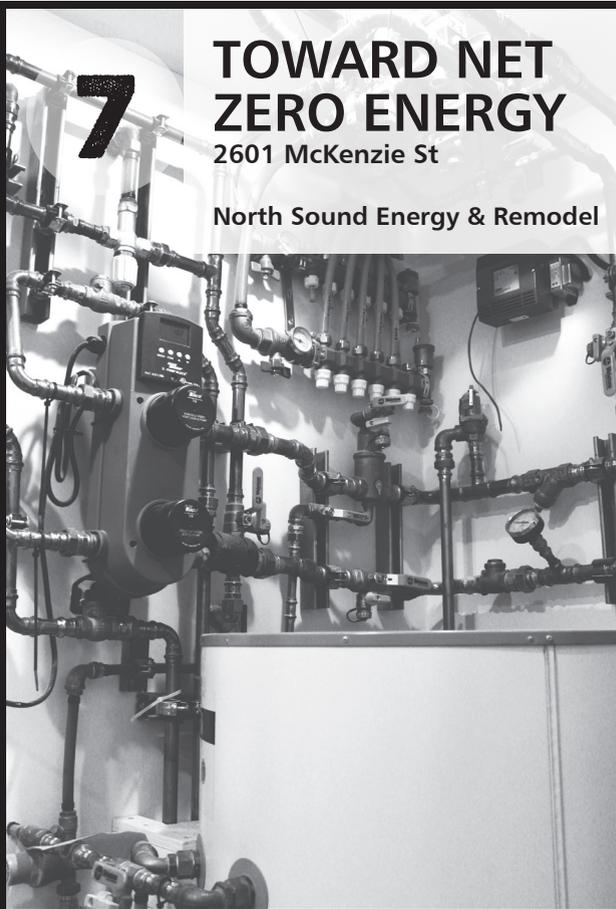
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- 5) Your deposits (checking, savings, etc.) help us fund our variety of Energy-Smart, Solar and GreenUp Loans. **Socially-responsible banking... it's sort of our thing.**



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*APY = Annual Percentage Yield. Insured by NCUA.



TOWARD NET ZERO ENERGY

2601 McKenzie St

North Sound Energy & Remodel

- Radiant heat
- CO2 condensing hot water heater
- Double wall construction
- Heat recovery ventilation
- Reclaimed materials

When Kat and Ario first bought their 1900s home, they loved the location and character, but knew some updates were in order. This began their journey of a complete energy retrofit! Partnering with the Community Energy Challenge and Toward Net Zero Energy Pilot Project, the homeowners have infused thoughtful resource conservation into this home to last the next hundred years.

The home was stripped down to the studs, and all electrical, plumbing, and mechanical systems were updated with today's most energy efficiency options. To create air sealing and insulation levels beyond code, North Sound Energy & Remodel built a double wall system on the interior side of all exterior walls resulting in an 8.5 inch finished wall cavity. The newly constructed envelope creates a healthy, efficient, and comfortable turn-of-the-century home!



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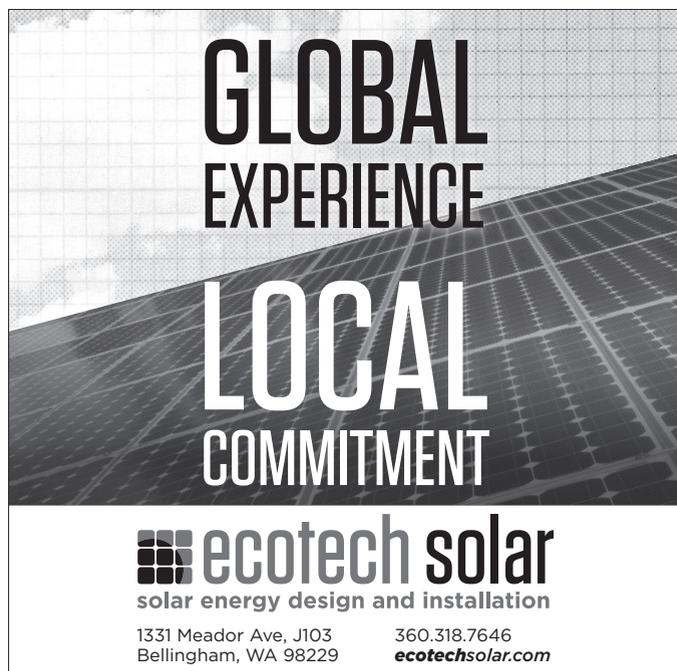
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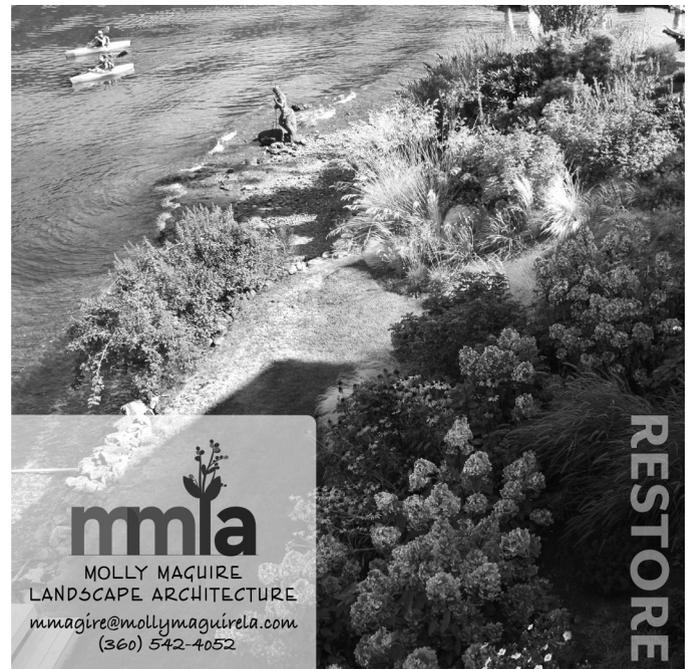


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It will take all of us to make sure that we build an affordable, healthy, equitable, thriving, and inclusive community.

1 SIGN UP

Sign up for our newsletter on the website to get information about events, actions, and opportunities to show your support for housing affordability and livability in Bellingham and Whatcom County.

2 ADVOCATE

Speak up and show your support. Place a Bellingham For Everyone yard sign or flyer at your home or work. Submit a letter to the editor. Share the Bellingham For Everyone messaging on social media and let our community know you support innovative housing solutions!

3 DONATE

One great way to support the Whatcom Housing Alliance's work is to donate. Donations can be made on Sustainable Connections website (our backbone organization) just note "Whatcom Housing Alliance."

4 GET INVOLVED

Want to learn about what's going on near your home, or to help influence the decisions that local neighborhood associations are making on tons of issues, including housing & zoning? Then show up, attend your neighborhood association's meeting, or even run for a seat on their board! We need to make sure that a wide range of experiences and backgrounds are represented at every level of civic engagement.



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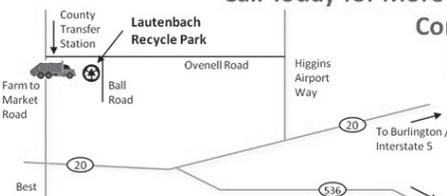
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