



“Imagine this...”
Home & Landscape **Tour**



Saturday & Sunday, July 10th & 11th
10am to 5pm

A Tour Guide...

 **Sustainable
Connections**



The *Imagine This...Home and Landscape Tour* was brought to you by Sustainable Connections.

Sustainable Connections is a Northwest Washington business network establishing and supporting a **local living economy** that sustains itself, our community and a healthy environment. We are committed to a regional economic system comprised of locally owned businesses and farms. Our mission is to empower business and consumer behavior that promotes a vital community and a healthy environment.

Sustainable Connections members are **committed to quality of life in our region**. They each create goals in the form of a "Sustainability Commitment" for improving specific business practices to benefit our community, economy, environment, and workplaces. To identify these dedicated community businesses - look for this decal:

For membership information or to learn more about our programs, call 360 647-7093 or see www.SustainableConnections.org.

Our local,
independently
owned business
is committed to:

**Strong
Community**
**Healthy
Environment**
**Meaningful
Employment**
**Buying Local
First**

BUSINESS MEMBER

 Sustainable
Connections

www.SustainableConnections.org 360-647-7093

Event Coordinator

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Scott Mauermann - Laurel Landscaping
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What is Meant by Sustainable Building Design

Written By: Cindi Landreth, Cindi Landreth Home Design

Sustainable building design seeks to decrease the environmental impact of our construction projects by working toward:

- Protecting our watersheds, atmosphere, soils, and native flora and fauna.
- Protecting our natural resources.
- Creating shelters that have long life cycles.
- Building sustainable communities.

Designing for sustainability includes but is not limited to:

Minimizing resource use

1. **Pedestrian-friendly** developments, which promote bicycles, mass transit, and walking.
2. **Smaller, energy efficient** homes.
3. **Remodels** over new construction.

Maximizing connection with community

4. Design in **common space**, community gardens, and community buildings.
5. **Protect farmland**.

Minimizing our footprint on the earth

6. Leave a high percentage of the site **pervious to**

water by using pervious concrete,eco-block parking and driveways; use perma-culture, rainwater retrieval and use and xeriscaping (landscaping with zero to low water use, minimum maintenance, no chemicals, primarily native plants).

7. Recycle and reuse nails, lumber, windows, and doors. Purchase recycled materials at the ReStore. Share unwanted materials with others.

8. Avoid products that create additional waste through **packaging or poor design**.

9. Purchase from local, environmentally friendly producers.

10. Choose environmentally preferable products such as FSC certified wood and engineered wood products rather than sawn lumber; low VOC paints (Volatile Organic Compounds are a major contributor to indoor air pollution); and energy efficient appliances, doors, and windows.

Considering the life cycle of a product

11. Maintain products to maximize their longevity.

12. Choose timeless styles and products that last a long time.

13. Assume there is a limit to resources...

because there is.

Welcome!

We are grateful you have joined us for the **second annual *Imagine This...Home and Landscape Tour!*** Our Planning Committee has carefully searched for and evaluated possible sites to visit. We think the ten sites we selected will give you a multitude of ideas to try at your home and even pass on to friends and family. These are ideas that help us align our needs and happiness with those of our community and the environment we appreciate so much.

The word is that as a little kid Michelle Long (Executive Director of Sustainable Connections) was known for saying **"The person who asks the most, learns the most!"** Please put this philosophy to work today. We have terrific homeowners and volunteers who have a lot of knowledge and experience to share. Also, consider following up the tour with calls or visits with the businesses included in the directory portion of this Resource Guide. We hope you find it helpful.

Special thanks to the planning committee, tour volunteers, and our sponsors, Puget Sound Energy, the City of Bellingham, Whatcom County, Bellingham Weekly, Environmental Home Center, and the RE Store, a program of RE Sources.

Imagine these ideas becoming common place in Whatcom County... and enjoy your day!

Derek M. Long
Program Director, Sustainable Connections

What to See:

Energy Conservation =

Save \$, + Planet, see Stop #1, 3, 4, 5, 8, 9, 10

Renewable Energy =

Save \$, + Planet, see Stop #10

"Green" Building Materials =

Healthy Home, +Planet, see Stop #1, 3, 5, 8, 9, 10

Reused Building Materials =

Save \$, + Planet, see Stop#1, 3, 4, 8

Urban Fruit and Vegetable Gardens =

Save \$, Healthy Home, see Stop #4, 6, 7

Rain Water Collection and Use =

Save \$, + Planet, see Stop #1, 6, 9

Native Plants and Organic Landscaping =

Save time, Save \$, + Planet, see Stop #1, 2, 4, 6, 7, 10

Low Impact Development =

+Planet, see Stop #1, 2, 3, 5, 7, 9, 10

Wildlife Friendly Landscapes=

Healthy Home, + Planet, see Stop #1, 2, 6, 7, 9, 10

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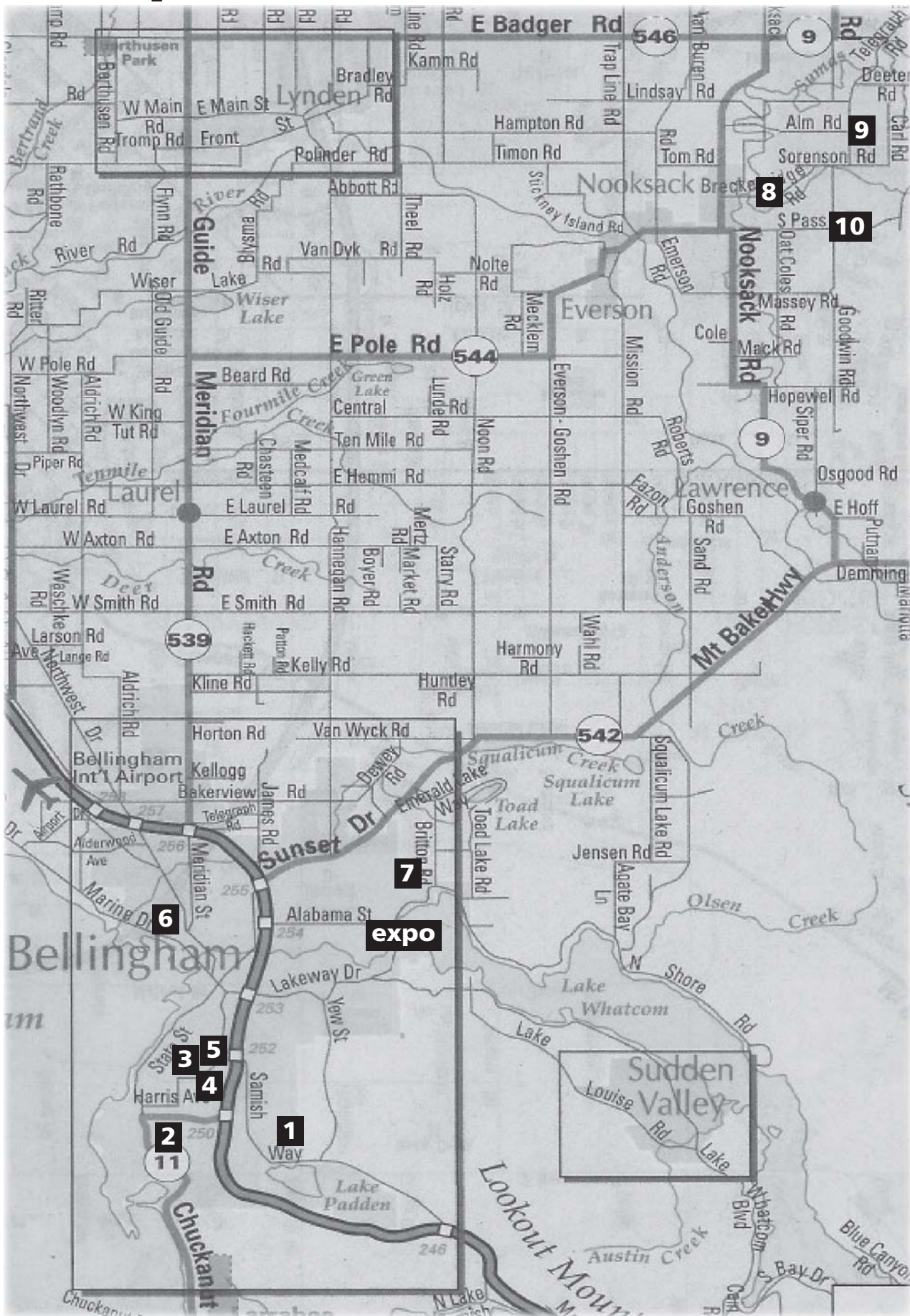
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Visit all 10 sites* and enter a raffle to win a gift certificate from these great, local businesses: Village Books, Community Food Co-op, Garden Spot Nursery, Gardens at Padden Creek, Kulshan Cycles, RE Store, Cloud Mountain Nursery, Skagit Valley Co-op & Deli, Pastazza
***If you're on your bike, visit 7 sites to enter the raffle!**

Tickets for the 2004 *Imagine This Home and Landscape Tour* are available at the following locations:
Village Books, Community Food Co-op, Skagit Valley Co-op & Deli, Pastazza, The Gardens at Padden Creek, Garden Spot Nursery, Kent's Nursery, Kulshan Cycles, RE Store, Cloud Mountain

Tour Map:



Directions:

#1 The Cedar Tree House

4613 Willis St.

Head South on Samish Way across I-5 toward Lake Padden for about 3 miles. Turn left on 48th St. and go two blocks to Willis and take another left. The home is at the end of this short street. Parking is available along 48th and Willis. Willis is a dead end street so please be aware of the need to turn around.

#2 The Birds & the Bees... & More Birds

123 Viewcrest Rd.

Back track to Samish Way and take a right. Take a quick left on Wilkin St. near the entrance to the park. A series of turns going downhill begins here! The road bends right and turns into 40th. Go left on Broad and it bends right and turns into 38th. Left on Harrison and it too bends right. Take a left on South and it will bend right. At the stop sign take a left on Connelly Ave. It goes under I-5. Take a left on 30th just past the Arco station. Follow 30th for about 1 mile to take a right on Lake Samish Rd. Take a right on Chuckanut Dr. about a ½ mile later. Go ½ mile and take a left on Viewcrest. The home will be on your right just one block later. Parking is available along Viewcrest, with more if you take a right on 16th.

#3 "Just in Time" Housing

1120 15th St.

Go back to Chuckanut Dr. and take a left. Follow it for ½ mile to a light. Take a right on 12th. Follow that about 4 blocks and take a right on Harris Ave. Go 3 blocks and take a left on 15th. Stop #3 is up just two blocks. Stop #4 is very close so just park along 15th.

#4 No Stone Left Unturned

1209 15th St.

Just walk one block South of #3.

#5 Rastra Rick & Cindi

516 Ridgeway Drive

Drive North on 15th about three blocks to Taylor. Take a right on Taylor and in three blocks take a left on Highland. In two blocks turn right on Easton and in one block turn left on Ridgeway. Stop #5 is being constructed 1 and ½ blocks on the left.

#6 Precious Water, Sun, & Time Outdoors!

2405 Eldridge Ave.

Continue on Ridgeway to take a left on Elwood. Take a right on Hillcrest Way then a right on Highland. Veer left on West Campus and follow down the hill – it will turn into North Garden. At the second stoplight take a left on E. Holly Street. Go 1 mile to a 3-way stoplight. Go left on Eldridge. In a ½ mile you will see #6 on your left. You can park along Eldridge or along Cherry St., which is on your right at #6.

EXPO

Follow Eldridge back toward town just over a ½ mile and take a left on F St. In 1 mile F turns into Alabama. Follow Alabama for 2 ½ miles and take a right on Electric. Look for the entrance to Bloedel Donovan Park on your left. The EXPO is in the large facility. Overflow parking is available in the grass field.

#7 Wise Wlznaks On Water

4215 E. Oregon St.

Go right on Electric as you leave Bloedel Donovan. Go straight at the 3-way stop as the road turns into Northshore Dr. Northshore turns left, then right again. Take a left on Britton. Go two blocks and take a left on E. Oregon St. The home is near the end of the road. Parking is available along E. Oregon and Chataqua.

#8 A Home for 500 Years

3289 Breckenridge Rd., Everson

Take E. Oregon back to Britton and take a left. Go 2 ½ miles to Mt. Baker Highway, Route 542. and take a right. Go about 7 1/2 miles East to Route 9 North and take a left. There is an IGA on your right at the turn. Go North following 9 carefully through Everson/Nooksack, about 6 ½ miles. Take a right on Madison (there is a small park on the corner). You will be on Madison, (which turns into Breckenridge along the way), for about ½ mile. The rust and cream-colored house will be on your right, just before you get to the school.

#9 Fresh Air & Fresh Ideas

8498 North Telegraph Rd.

Take a right on Breckenridge as you leave #8. (Breckenridge turns into Sorenson Rd.) In approximately 1 ½ miles, take a left on North Telegraph. Travel about 1 mile and the gravel drive will be on your right across from the intersection with Lindsay Rd.

#10 The Bright Side of Life

7901 Leibrant Rd.

Take a left on N. Telegraph as you leave the drive at #9. At one mile, jog right on Sorenson and then take an immediate left on Goodwin Rd. In one mile take a left on South Pass Rd. Go about a ½ mile and look carefully for Leibrant Rd. on your left. Take it ½ mile to #10. It will be on the left at the end of the road and there is a large cedar gate at the property.

Getting back to Mt. Baker Highway

Take a right onto South Pass Rd. from Leibrant Rd. Take the first left on Goodwin and follow it for 2 miles. You will see Cloud Mountain Nursery on the left. Cloud Mountain Nursery, will only be open on Saturday – 10-5 pm! Cheryl, Tom and the team at Cloud Mountain Nursery are experts in native, drought tolerant plants and so much more. Take advantage of your visit to the country, and the knowledge at Cloud Mountain by swinging by to ask your toughest questions! As you leave Cloud Mountain, take a left on Goodwin. Take a right on Hopewell and a quick left on Siper Rd. Just under two miles later, you will arrive at a stop sign - take a left. This will be Lawrence Rd (also Rte. 9). About 1 mile later, take a right on Mt. Baker Highway and you are on your way.

Thanks for coming! Call (360) 303-7776 if you get lost.

The full distance of the tour is approximately 60+ miles. This is a further distance than we'd like, but the quality of each stop truly is worth the trip! We wish you safe traveling!!

Stop #1 - The Cedar Tree House

Location: 4613 Willis St, Bellingham

Owners: David Henry and Carol Fuglestad

Highlights:

Affordability, small footprint, eco-friendly and recycled building materials, organic/native landscaping, energy conservation, indoor climbing wall...no kidding.

Businesses featured:

Coffey Construction, Van Dusen Design, Hestad Building and Design, Duluth Timber Company (of Edison, WA), Environmental Home Center, RE Store, Skagit and Whatcom Conservation Districts.

In the owners' words...

Hilly, wetland lots have never been the most desirable real estate so we had lots of questions when we saw this one. It seemed too far from town and there wasn't a flat spot anywhere. But gradually what we viewed as obstacles became natural assets, and we decided to go for it. We spent a year and a half designing and siting **a small house that would match the surroundings**, with the most minimum impact and cost. Named for the western Red Cedar (*Thuja Plicata*), this home was built like a treehouse to nestle among the cedar trees on three of its sides. The design process was a three-way collaboration



between ourselves, Gretchen Van Dusen of Van Dusen Design (Olympia) and Dan Coffey of Coffey Construction (B'ham). Efforts were made by all to keep the footprint small and maximize the efficiency of space. An open connection between upstairs and down makes the space seem larger than its 1,100 sq.ft, and we liked that it felt more like a lodge.

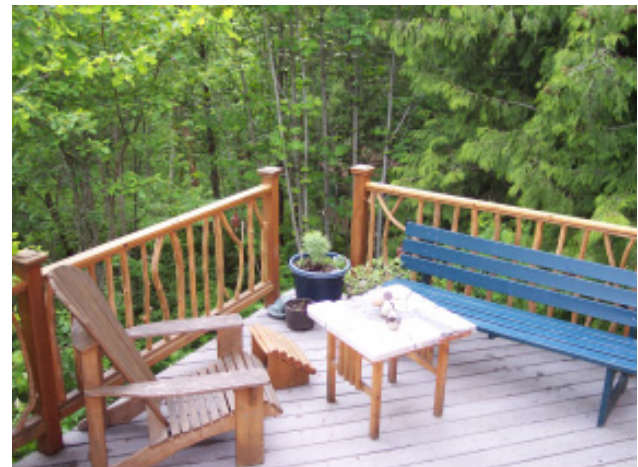
We hand cleared the building site to **minimize impact to the native vegetation**. Two cedar trees and one maple tree had to be removed, and were milled for later use in the deck, furniture, and



outbuildings. Native plants were dug up and transplanted.

Energy efficiency was a primary concern and so the house is oriented according to passive solar principles with the majority of the glass and living space to the south. In winter, an efficient gas furnace is supplemented with heat from an EPA-approved wood stove. On hot summer days an opening skylight, ceiling fan, trees, and hop vines on the south help keep the house cool without air-conditioning.

The main lesson learned in this project was that a sustainable house could be built at a reasonable price by using some recycled materials. The key was working with an architect that valued our input, and a quality contractor who gave us great advice and let us do some of the work ourselves.



Stop #2 – The Birds & The Bees... & More Birds

Location: 123 Viewcrest Rd., Bellingham

Owners: Keith Kemplin & Julie Mahoney

Landscape Highlights:

Diverse bird species, native and habitat friendly plants utilized, organic practices, composting

Businesses featured:

RE Store, Hardware Sales, Christiansen (Skagit County), Bear Creek Nursery, Judy Tilley Nursery

In the owners' words...

The garden was created, beginning in 1985, as a bird garden. Its character is woodland and woodland edge. The perimeter is enclosed with thick plantings in the lower portion with 3 layers, original tall deciduous and evergreen trees, mostly native shrubs and low cover, which is enhanced with added native and ornamental plants chosen to provide birds with cover and food.

Bird focused features include snags, nest boxes, thick ornamental vine tangles, hummingbird and peanut feeders and water.

The inner parts of the garden contain the plant collection beds; paths wind throughout with benches to sit, listen and observe, or just enjoy.

The property is maintained as a natural environment, (although I admit to very infrequent use of slug

control). We use our own passively produced compost for mulch and fertility, adding lots of leaves in the fall. We control insects and caterpillars with water spray and/or hand picking, but mostly the birds do a good job of

keeping the numbers down. Plants that don't make it under those conditions don't stay.

Over the years we have had several dozen species of resident and migrant birds.

Current favorites:

-Frequent visits to a large birch by sapsuckers

-Violet green swallows moving into a nest box after looking it over for more than a month

-A black-headed grosbeak singing in the treetops and hanging awkwardly on the peanut feeder

-An illusive brilliant yellow warbler flitting around in a flowering hawthorn. This bird was puzzling to identify because it had red on its head, apparently true sometimes, but definitely not always.



Stop #3 – "Just in Time" Housing

Location: 1120 15th St., Bellingham

Owners: Peter & Cheryl Niles

Highlights:

Adaptable spatial design, urban infill, natural linoleum and bamboo flooring, dual purpose ceiling/floor, natural oil wax floor finish, low VOC paint, salvaged slab slate counters, Energy Star appliances, windows and doors, sustainable materials for the decking and siding, formaldehyde free insulation, on-demand water heater and much more.

Businesses featured:

RE Store, Village Lighting, Environmental Home Center, Costello Design & Construction, Niles Design, Puget Sound Painting, DeWaard & Bode

In the owners' words...

The owner(s)/designer (Peter Niles of Niles Design) sought to create a new home that both fit the architectural and urban context of the neighborhood and his family's desire for an ecologically conscious home. What was conceived as a renovation quickly became a salvage operation and new construction project. The owners used every decision to weigh sustainable options and incorporate as many as they could into the home. The home features numerous design strategies, energy efficient items, and ecologically sensitive products.

Design Features:

The home is sited along the alley side of an urban infill lot, preserving both the large yard and the traditional urban fabric of the service alley and pedestrian friendly streetscape.

The daylight basement incorporates a small mother in law apartment, contributing to the variety of needs for housing. Many aspects of the home incorporate what the designer jokingly refers to as "just in time and just enough housing" e.g. future sleeping lofts for growing children, a walk in closet that is plumbed to convert to a master bath, a mother in law apartment that is easily connected to the main house for additional space if needed, and a minimal amount of "extra" space.

Energy Efficiency:

All appliances, windows, and doors are energy star rated. 90% efficient energy star furnace, on demand tankless hot water, furnace and ducting contained within the insulated envelope of the home, ample day lighting.



Stop #4: No Stone Left Unturned

Location: 1209 15th St., Bellingham

Owners: Donna Rushing & James Spaich

Highlights:

Unique appearance, small footprint, fruit & vegetable gardens replace lawn, incorporates rock found on premises, passive solar

Businesses featured:

S & T Construction, RE Store, Pace Salvage, Lyndale Glass, Raindance, Buyer's Market, Innovations

In the owner's words...

This small house in the Happy Valley neighborhood was in need of attention. It had been a rental for a number of years with minimal upkeep. We really like this neighborhood and were delighted to find a place that we could afford. Keeping it simple has enabled us to accomplish . A small 600 sq. foot house on a 3,500 sq. foot lot has proven to be sufficient, cost-effective, and a whole lot of fun.



Overall, we're trying to utilize what's here for landscaping purposes. The crawl space was dug out utilizing hand tools; much of the stone used in landscaping was uncovered at this time. The gardens are also dug with a shovel and fork. A mixture of fruits, vegetables, and flowers are

grown in the gardens and native plants are used to good effect. The gardens and lawn are maintained organically. Birds, squirrels, and other critters are encouraged to share our space. The lawn is mowed with a reel type push mower and we're trying to minimize the purchase of any materials.

Lack of money for dramatic remodeling turned out to be a blessing in disguise. Keeping it simple became the strategy. Replacing the post and pier with a concrete perimeter foundation provided some solid strength to this 100-year old structure. Extending the foundation to include the front porch allowed us to create extra space in the form of a sun porch. The metal roof also adds a sense of durability, as well as maintaining the cabin appearance we prefer. The removal of an interior wall, the addition of a back door, and a deck off the kitchen are all inexpensive changes that helped create more useable space without spending much money. As well, by simply giving a "cosmetic" facelift to much of the interior, we have not generated significant quantities of construction waste or needed to buy much new material.

Our energy strategy maximizes the benefits of the sun porch to generate ample solar energy. Also, new windows, a small natural gas heater, and blown cellulose insulation keep things cool in the summer and comfortable in the winter.

We would like to give special thanks to John McDaniels and Joyce Bennett at Community Development for helping us acquire a small loan which enabled us to accomplish some of the larger projects sooner rather than later.

Stop #5: Rastra Rick and Cindi

Location: 516 Ridgeway Dr., Bellingham

Owners: Cindi Landreth and Rick Dubrow

Highlights:

A home now in the making, you can get an "inside look" into building with Rastra. If everything stays on schedule, you'll see concrete footings poured, the first few rows of Rastra stem walls laid, and floor system installed (ledgered onto the Rastra stem walls). Other highlights of the future home: small home design, long life-cycle, thermal mass for solar gain, minimal materials; sustainably harvested forest products, minimal energy needs/use, save as many trees as feasible, storm water filtration with rain garden, balancing higher upfront costs and long term benefits.

Businesses featured:

Cindi Landreth Home Design, Inc., A-1 Builders, Inc., Arborist, John Hymas, Earthworks Tree Service, LaHatt Engineering, VanZanten Excavation, Building Performance Center, 2020 Engineering

In the owners' words...

Small home: Main floor has 1,091 sq ft (includes 10" thick Rastra walls – a comparable home with traditional stick framing would be 1,037 sq ft). There is a loft with 3 ft. pony walls that we can isolate from the main floor (most of the time this would be unheated space).

Our plan is that this is our last home. We wanted it to support our dreams and our needs as we unfolded into our elder years. We chose the site for the trees; the proximity to WWU; the quiet neighborhood; the fact that it was an in-fill opportunity; and that it had plenty of southern exposure. We designed the home to maximize our relationship with the land while maintaining privacy; to support our long-term relationship; for future grandchildren who will come for visits; for Cindi's love for pattering around out-of-doors; for assurance that we have done what we could to minimize our footprint on the earth as best we believed we could; to build a home that was similar to the places we kept choosing to retreat to when we wanted intimacy and close connections to living, loving and nature. We wanted our home to be our place to retreat to.

We chose Rastra as a building material for its values in home construction in the Pacific Northwest – it is an insulated concrete form (ICF) building material; water penetration, molds and mildew are not a problem; long life-cycle product with minimal maintenance; reduced need for forest products; high insulation values; 85% post-consumer recycled content; fly ash in the concrete; etc...

Stop #6: Precious Water, Sun, & Time Outdoors!

Location: 2405 Eldridge, Bellingham

Owner: Merrily Curtis

Highlights:

Ecology Grass, rainwater collection & use, urban, organic fruit & vegetable gardening, solar path lights, "Aqua Cones", slug traps, composters

Businesses featured:

Garden Spot Nursery, Laurel Landscaping & Stone-works, Hardware Sales, County Sponsored Composter Sale, Cenex, SSC Yard Waste Collection, Nichols Garden Nursery, Gardener's Supply Company, Fountain Drug, Landlubbers.

In the owner's words...

My garden philosophy is to make as many changes as feasible to create a **space that nourishes the body, soul and the environment**, hence the eclectic mix of fruit trees, vegetables, herbs, flowers and shrubs in concert with water conservation devices, environmentally sound gardening practices and animal-friendly habitat. I erected a deer fence but only around the vegetable garden. I co-exist with Madame skunk, who makes her nest beneath my apricot tree. Raccoons & opossums also traverse the property. There are bird feeders and birdbaths, which are kept clean with a natural product, eliminating the need for scrubbing with chlorine bleach solution. I use slug traps and Sluggo to protect my garden and citronella oil lamps when entertaining outside.

Having spent most of my life in S. California, I'm aware of how precious water is. When I moved to Bellingham, I was amazed that harvesting rainwater was not commonplace. I purchased and installed 4 rainbarrels and **use this rainwater for all the plant containers**. I anticipate they will run dry in



mid July, however, in the fall I plan to add double the capacity of the system by adding a second barrel to each collection site. Soaker hoses in every garden bed and Aqua Cones in every container further minimize water use.

In spring, 2004, the traditional front and back lawns were eliminated. The front lawn was replaced with **Ecology Grass, which requires no water (once it is established), no fertilizer, and minimal mowing**. The back lawn was replaced with a stone patio.

The flower gardens may nourish the soul, but the vegetable gardens and fruit trees nourish the body. The salad containers are literally on the kitchen doorstep for ease and convenience. Other vegetable containers are scattered throughout the property. There is also a raised bed on the second tier, which has squash, melons, fennel & garlic in it.

Perennial herbs share space in flowerbeds. The soil is amended with compost. There are two composters on the property: a small tumble composter steps from the kitchen, which yields 4-5 batches a year, and a larger composter on the second tier which serves as back up.

I extend gardening season with row covers and a cold frame. Last year, carrots, spinach, Swiss chard, and cilantro survived the January freeze. I harvested the last of those crops (sown in September) in April.

The next large project is to replace the sunroom with a solar powered greenhouse and incorporate more fruit trees on the property.



Stop #7: Wise Wlaznaks On Water

Location: 4215 E Oregon, Bellingham

Owners: Paula and Myron Wlaznak

Highlights:

Small footprint; Solar design; Re-used and environmentally friendly materials; Natural landscape; Low impact development

Businesses Featured:

RE Store, Adaptations

In the owners' words...

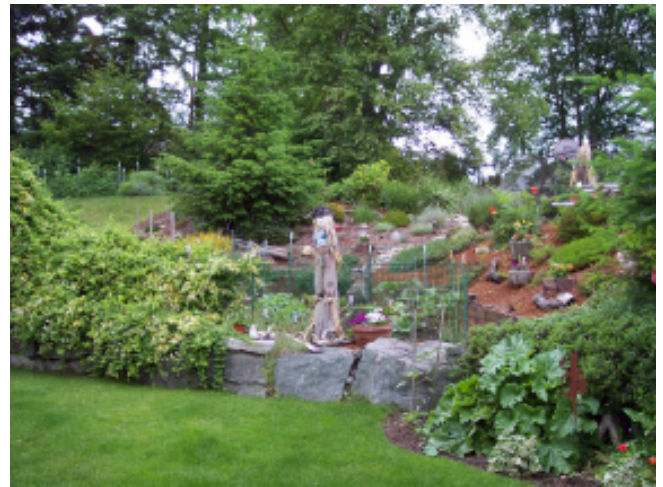
In landscaping the lot, **the natural flow of the land was incorporated** into the construction of the flowerbeds, rock amenities, tree placement and the use of lawn as ground cover.



French drains were used to direct storm water runoff to a constructed drainage area for retention and filtering before moving through ground water further down the hill. The driveway was canted and a drain installed to direct the water flow into this same system. Additionally, drain

tiles were employed on the back hillside to capture runoff and route it through the drainage system.

Existing large rocks and natural timbers were used to hold soil on the rear bank and plantings were selected for hardiness, minimal care and fertilizing requirements. The natural cycle of Douglas Firs are used to provide shade, and stability. Vegetable and flower gardens provide people food as well as food for a variety of birds, deer, and other critters. In the summer the sump pump provides water for the lawn and potted plants.



Other Considerations:

- Low Impact Development - minimal tree removal, preserved wetland, land clearing by hand, sewer vs. septic
- Environmentally Friendly Materials - Bamboo floors, Low VOC interior paint, Formaldehyde free insulation
- Equipment and Appliances - Energy Star, natural gas, wood stove
- Home Design - For community friendly design, the garage is situated in back instead of the entire front face of the house. To take advantage of available sunlight, the house was pulled forward from the surrounding homes and front and east windows were situated to maximize winter warmth and predominant wind for summer cooling.
- Recycled Materials - Salvaged wood, use of RE Store products
- Sustainable Landscaping - critter-friendly, lawn removal, native plants, minimal tree removal, soil rehabilitation, low water plants

EXPO

2214 Electric Ave.

Please join us at the Bloedel Community Building at Bloedel Donovan Park on Saturday and Sunday from 10-5 pm. This EXPO will feature local businesses, agencies and non-profits that will introduce you to products, services and strategies you can use in your upcoming home and landscape projects.

Examples of what you will see and do:

-A fantastic display from the Environmental Home Center that will make you feel like you are right in the Seattle showroom.

-Talk to the knowledgeable from the RE Store as they give details on new services such as RE Plant, Deconstruction, and the incredible store on Holly.

-Get answers from the Master Gardeners/Master Composters!

Special Display:

See the latest information and research available that will help us protect Lake Whatcom as a sustainable natural resource for decades to come.



The Lake Whatcom Management Program is a joint effort of the City of Bellingham, Whatcom County and Water District #10 to protect and preserve Lake Whatcom as a long-term source of drinking water. In 1992, the elected bodies of the three jurisdictions adopted a set of six general and 21 specific goals, setting into motion the Lake Whatcom Management Program. In 1998, an interlocal agreement was adopted by the three jurisdictions, which formalized the joint management program and provided a stable funding source.

Stop #8: A Home for 500 Years

Location: 3289 Breckenridge Road, Everson

Owners: Dave and Phyllis Finet

Highlights:

Large covered areas to extend outdoor living season and protect home from the elements. Very functional, energy-efficient, northwest design. Natural lighting. Natural landscape design.

Businesses Featured:

Nooksack Valley Building Center, Brown Construction, Nooksack Valley Drywall, Cindi Landreth Home Design, Valley Plumbing and Electric, RE-Store, Keller Supply, Dahlgren Excavating, Rainshield Roofing, Builders Alliance, Cowden Gravel/Concrete, Able Construction, Hardware Sales, DeWaard and Bode, Walkers Carpet One, Windsor Building Center, Chimney Sweep

In the owners' words...

Design Strategies: We worked with Cindi Landreth Home Design to incorporate the existing structures into a new, fresh look. We wanted to expand usable space and to add a workshop without increasing the overall footprint of the home too much. We also wished to streamline the design to fit our lifestyle. Our goals included easy maintenance, to benefit from the most solar gain possible, to keep the mud and dirt outside in the garden by utilizing a transition area to get cleaner as you move toward the interior of the house, and most importantly – **to build to last...even 500 years from now!**



We managed to retain the existing bedrooms and bath of the original house, as well as to renovate the remaining living area into two more bedrooms/office area.

We built an

addition for a new living/dining/kitchen area and a second master bath in a way that maximized natural lighting and re-used many building materials from the RE Store.

Another of our goals was to build large organic gardens, so that both the home and garden could be demonstration sites for the school next door. We converted the existing three-car garage to a two-car garage, and added an 800 sq. ft workshop and greenhouse area onto the back. We incorporated a bath in the shop design, for the use of future farm workers. We also, incorporated a small cooking area for canning fresh produce and to use as an outdoor kitchen in the summer.



Energy Efficiency Strategies:

We spent one year making observations and taking measurements to make sure solar would be most effectively utilized. We utilized passive solar heating – large windows and sliding glass doors let in the sun in the winter, 4-ft. eaves keep sun out in the summer; insulated concrete floors with rock between the insulation and slab (mass) collect heat from sunlight in the winter. One of our philosophies was to invest in insulation so we could minimize our investment in mechanical systems to heat the home. We installed extra insulation, R-33 in the walls and R-45 in the attic. We paid special attention to draft-proofing the home to control natural air changes. We incorporated continuous mechanical ventilation to ensure good air quality. Two small natural gas heaters were used in the larger areas of the house, along with individual room heat control (electric baseboard). We used all fluorescent lighting fixtures, and purchased energy efficient appliances. We are making the most of the embodied energy in the materials by designing for the long-term usability of the home (“500 year home”).



Stop #9: Fresh Air and Fresh Ideas

Location: 8498 North Telegraph Road, Everson

Owners: John & Deb Westergreen

Highlights:

Unique footprint, Quad-lock structure, polished concrete floors with radiant heat, passive solar, rain chains set for water cistern, energy conservation, acreage left natural.

Businesses featured:

Quad Lock, Cowden Ready Mix, Bio-Radiant, Adaptations, Village Lighting, Familian, Leafguard, Mt. Baker Roofing, Forever Homes, Anderson Appliances, Bellingham Millworks, Lyndale Glass, Higher Plane Cabinets, and many more.



In the owners' words...

Husband John's design was inspired by Frank Lloyd Wright and that architect's organic architecture theory. The footprint is unique in that there are no ninety-degree corners; it was laid out on a grid of diamond shapes. Cindi Landreth Home Design was most helpful with the technical drawings and specifications.

With the help of a few friends, **we have done most of the work ourselves**; we sub-contracted out some of the large or more specialty categories such as the roof, sheetrock, stucco. The project itself took four years from ground breaking to moving in. Prior to that, the house was in the design, engineering and permit process for two years. And even before that: literal years of research. We poured over books and magazines, and whenever possible, we picked the brains of the best and brightest in the business.

We **chose sustainable products whenever possible**; but had to make some choices here and there, to reach a kind of happy middle ground. The major focuses include: design aesthetics, quality materials

that would last our lifetime, very low maintenance so that we wouldn't spend our old age refurbishing, low volatile organic compound products with little off-gassing problems, toddler- and elder-friendly layout for lots of flow to move about indoors, and leaving much of the eighteen acres as we found it, nettles, fallen trees, and wildlife included.

John wanted to take advantage of the site itself with its sunsets and gentle vistas. With the extensive thermal mass it is very warm in the winters. We wanted lots of natural light, so the exterior walls are 27% windows and glass doors. Building code required top-notch thermal protection in this glazing, and with the large overhangs, it is very cool in the summer months. Deborah chose a warm color palette, and gears the decor and texture towards **natural materials and finishes**. Materials included kitchen cabinets made out of pressed strawboard and recycled paper counter tops!

Future plans include: planting trees to make up for the ones lost at the site, and used in the interior frames and trim; an attached, heated greenhouse plus an exterior harvest garden; solar panels and wood-fired boiler to reduce propane use; front courtyard to contain pets and toddlers; plus a large cistern to collect rainwater for non-potable uses.

You are welcome to visit our home, and ask questions (we have lots of ideas!). Please be aware that we still consider it a "work in progress" — there are so many concepts yet to implement. Maybe you have some super suggestions for us, as well!



Stop #10: The Bright Side of Life

Location: 7901 Leibrant Road, Bellingham

Owners: Max and Carol Eldridge

Highlights:

Active & passive solar, extensive energy conservation measures, local materials whenever possible, salmon stream restoration and much more.

Businesses featured:

Chris Morgan, architect with Eco Arch, John Schouten Construction, Jeffery Utter - Thermomax solar collectors and on demand hot water heater

In the owners' words...

Our home is a newly designed and constructed dwelling situated on 41 acres at the base of the Sumas Mountains. This working farm consists of pastures, corral, a workshop and residence, and a year-round stream, which serves as a spawning area for salmon. The setting is unique for its openness, vistas and mature conifer and deciduous trees. Our intent was to have a retirement home that was traditional in appearance and true to its northwest setting, yet would be energy efficient with minimum impact on the surroundings. We have only recently built the house and the landscape plan is currently being developed and implemented. Our strategy is to develop the organic farm, encourage wildlife and natural settings, and protect the riparian habitat for salmon enhancement.

Features:

The site is rural and private. The home is designed to be a solar planned structure with a small footprint. Construction materials are all natural and of local origin. The interior features a unique heating system that consists of a central natural river rock wall, which along with a



large concrete foundation serves as a thermal mass. Solar radiation and a free standing cast iron gas stove serve as heat sources. Interior air is circulated by a logic control system, which channels heated air into the insulated crawl space thereby heating the floors. The home's hot water system utilizes a solar panel array as well. An on demand hot water heater provides backup. Natural and fluorescent lighting, and energy efficient appliances are used throughout, and the home has a heat recovery fresh air system.

Design Strategies:

The owners worked with local solar architect Chris Morgan for over a year to develop the design and specifications. The craftsman style home appears traditional from the outside, yet the design is a post and beam structure that allows for an open interior of large wood beams which tie into a central rock wall. For energy efficiency the walls, ceilings and foundation are super insulated. The home was oriented towards the south to maximize solar exposure on the rock wall and to provide as much interior natural lighting as possible. The enlarged insulated crawl space serves as an integral part of the heating system.



Learning More: Resources for You

Imagine Healthy, Sustainable Homes

What is green building? Where can I find materials? How reliable are they? Will I save money? ...These resources will help you learn more about sustainability, water quality, energy use and materials in your home. From ground-up projects to small home repairs...

Sustainable site and building design

-Austin Green Building Program- This program was recognized at the 1992 Earth Summit by the United Nations Local Government Honours Programme as one of 12 exemplary local government initiatives from around the world, and was the *only* program recognized from the United States. Their Sustainable Building Sourcebook has become a popular resource for alternative builders around the world. www.greenbuilder.com/sourcebook/

-The Art of Natural Building: Design, Construction, Resources. By Joseph Kennedy, 2001. An integrated approach to natural building.

-The Not So Big House by Sarah Susanka. "...comfort has almost nothing to do with how big a space is. It is attained, rather, by tailoring our houses to fit the way we really live..." Also see

www.entsobighouse.com

- Natural Home Magazine profiles and "how to's" www.naturalhomemagazine.com

- Natural Approaches to Storm Water management Publication of the Puget Sound Action Team, by Bruce Wulkan. Examines the way builders and cities are managing low impact development through the Puget Sound region. Available at: www.psat.wa.gov/Publications/LID_approaches.htm. Also available at Wilson Library, WWU.

Sustainable building materials

- The Natural Builder. Find answers to your questions about alternative building materials. Also refers you to books and workshops. www.naturalbuilder.com

- The Environmental Home Center. Find out about alternatives to traditional materials from building materials to cleaning supplies. www.environmentalhomecenter.com

- Serious Straw Bale Paul Lacinski and Michael Bergeron. Recommended as a beautiful book covering everything you want to know about straw bale building.

Energy efficiency

- Solar Living Source Book. Published by Real Goods. Product descriptions and information to inform the novice to the right product choice for their needs.

- Home Energy Magazine- Published by a non-profit organization whose mission is to provide objective and practical information on home energy performance, indoor air quality and building more energy efficient homes. www.homeenergy.org, or (510) 524-5405

- Home Energy Saver- Information on typical energy use of Pacific Northwest homes, and Energy Star and other upgrades that can be put in place to reduce energy use. Very specific information and links to other resources. <http://homeenergysaver.lbl.gov/hes/region/pn.html>

Imagine Healthy, Sustainable Landscapes & Gardens

How do I make my own compost pile? What exactly is organic gardening? How can I attract more birds? Maybe you've always wanted a wildlife friendly backyard, or maybe you just don't want to water all the time. These resources provide all kinds of ideas for making your garden and yard more Eco-friendly.

Backyard Habitat

- Bellingham Parks and Recreation Backyard Habitat Program. Good references and local information and resources. <http://www.cob.org/parks/volunteer/backyard.htm>

- Landscaping for Wildlife in the Pacific Northwest by Russell Link. Plenty of general advice about food, water, nesting sites and other habitat requirements that can help you attract birds, bats, hummingbirds and butterflies.

- Backyard Wildlife Sanctuary Packet Department of Fish and Wildlife. Information on how to improve your property for wildlife. Also, application to certify your backyard as a wildlife sanctuary. Include check for \$5.00 and mail request to:
WA Dept of Fish and Wildlife
16018 Mill Creek Blvd.
Mill Creek, WA 98021

Learning More: Resources for You

Native Plant Gardening & Landscaping

- Gardening with Native Plants in the Pacific Northwest, 2nd edition. Arthur T. Kruckberg. A wonderfully insightful and descriptive writer describes Northwest native plant gardening. University of Washington Press.

- Native Plant Alliance: A Manual of Native Plant Communities for Urban Areas of the Pacific Northwest. Charles M. Anderson

Using the Rain

- "Rainy Day Gardens" by MaryAlice Koehne. Article available at http://www.ahs.org/040329_TAG/rainy_day_gardens.pdf

- "10 Steps to Building a Rain Garden" Simple steps to get started. Article available at http://natsci.edgewood.edu/wingra/management/raingardens/rain_build.htm

- www.rainbarrelguide.com

Composting and Organic Gardening

- Growing Vegetables West of the Cascades: The Complete Guide to Natural Gardening. By Steve Solomon. A humorous, quirky look at growing gardens in the Northwest.

- WSU Cooperative Extension. Information about the Master Composters Program and links to free publications. www.wsu.edu/ag/compost

- Whatcom County Public Works. Information, advice, and links to publications

<http://www.co.whatcom.wa.us/publicworks/solidwaste/compost.jsp>

- Straight Ahead Organic by Sheperd Ogden. Very detailed, and readable book about organic gardening, soil fertility, troubleshooting pest problems, crop rotations. A wealth of information.

Imagine Healthy Sustainable Living

How else can I live a less impactful life? What does 'sustainability' mean? How can I participate? ...Perhaps all these demonstrations of ways to live in healthier, environmentally friendly homes have you wondering about other changes you can make. Learn more...

- Green Living: A Practical Guide to Eating, Gardening, Energy Saving, and Housekeeping for a Healthy Planet by Sara Callard and Diane Mills. Straightforward information about what you need to know for everyday living. Available at Village Books.

- Center for a New American Dream. Advice and information about living more lightly on the planet, products and information about how to get more involved. www.newdream.org/

- The Sustainable Living programs of the Northwest Earth Institute. Understanding sustainability, embracing a sense of place... NWEI has programs that can change your perspective. www.nwei.org

- Our Ecological Footprint: Reducing Human Impact on the Earth by Mathis Wackernagel and William Rees. How to measure our ecological footprint; understand the impacts we have on the planet, and exploring alternatives. Also see <http://www.earthday.net/footprint/index.asp#>

- Confronting Consumption Edited by Thomas Princen, Michael Maniates, and Ken Conca. A series of essays that explore what we buy and why, and how we might live more lightly.

- Chelsea Green Publishing. A great source for interesting literature about energy resources, green homes, less impactful living.... Things in all the above categories can be accessed through this publisher. www.chelseagreen.com

Business Directory

This list is not intended to be all inclusive of product and service providers in our area that have specialized knowledge of community and environmentally friendly alternatives. We have done our best to gather the names through quality referrals and targeted outreach. Please plan to do your own careful evaluation of these companies based on the criteria most important to you.

Nurseries:

The Center for Holistic Advanced Organic Studies Ltd./ Windy Meadow

7020 Dahlberg Road
Ferndale, WA 98248
360.384.5348
www.intrepidproducts.net

Produce and market certified organic coconut based potting soil, biodynamic fertilizers, and biodynamic preparations for compost tea. In connection with Windy Meadow Nursery, produce 400 varieties of flowers for the wholesale trade in a sustainable system.

Whatcom Conservation District Plant Sale

6975 Hannegan Rd.
Lynden, WA
360.354.2035
www.whatcomcd.org

We sell mostly native trees, shrubs, and perennials for all soil types at the annual sale. Pre-orders are necessary, which are taken beginning in January. Plant pickup is two days in March. Please call or check the website for up to date information.

Wildside Growers

6360 Hannegan Road
Lynden, WA 98264
360.671.3891 or 360.398.7158

Wildside Growers is a wholesale nursery, with limited retail sales, specializing in herbaceous plants native to the PNW region. We propagate our plants from seed, cuttings or field grown divisions. Wildside Growers takes great pleasure in offering a wide selection of North American native

wildflowers, grasses, and shrubs so you can find the diverse splendor of natural landscapes to backyards and urban landscapes of the Pacific Northwest. Our goal is to provide nursery propagated species that will satisfy your craving for the unique, your desire for delicate charm, and your yearning for the enchanting appeal of your favorite natural places, without damaging or depleting the beauty of the wild places that inspire us all.

Forest Flor Recovery Nursery

Wanda Cucinotta
PO Box 89
Lummi Island, WA 98262
P & F 360.758.2778

Ethically sound Pacific Northwest native botanicals. Native vegetation Consultation, Installation and Design, Bare Root and Container Nursery Stock, Contract Growing

Cloud Mountain Nursery

Tom and Cheryl Thornton
6906 Goodwin Road
Everson, WA 98247
360.966.5859
info@cloudmountainfarm.com
www.cloudmountainfarm.com

We specialize in growing woody and herbaceous plants that are suited for Western Washington Gardens. We have extensive display and test gardens for both fruiting and ornamental plants, and we also carry a wide range of native plants for the garden.

In our selection of native plants, we have tried to balance ornamental interest, value for wildlife, and ease of culture for the gardener. We do carry some of the more challenging natives, because there

are suitable sites for their planting. We offer a native plants workshop each spring, to help our customers use native plants effectively in their gardens on the first Saturday in April – Using Native Plants in Your Garden Workshop. Using our rich variety of plants native to the Northwest can enhance your enjoyment of your garden. Learn which plants to use to encourage wildlife, beautify problem areas, and take some of the work out of gardening.

Fourth Corner Nurseries

Todd Jones, General Manager
3057 E. Bakerview Rd.
Bellingham, WA 98226
800.416.8640 phone
360.592.4323 fax
Sales@4th-corner-nurseries.com
www.4th-corner-nurseries.com

Located in the coastal lowlands of Whatcom County, Fourth Corner Nurseries was established in 1982 and has become a pioneer in the propagation of northwest native plants. The nursery is a WHOLE-SALE grower of over 2,000,000 trees, shrubs, perennials, bulbs, grasses, rushes, and sedges annually, representing nearly 400 different species. A free catalog containing description, prices and articles on restoration is available. The nursery is not open to the public for retail sale, however, plants may be purchased by mail, e-mail or phone with a \$100 minimum order.

Business Directory

Kent's Garden and Nursery

5428 Northwest Rd.
Bellingham, WA
360.384.4433

Native trees, shrubs, ground cover and much more.

Garden Spot Nursery

900 Alabama St.
Bellingham, WA
360.676.5480

We have a small selection of native ground cover, but we would be happy to special order.

Gardens at Padden Creek

2014 Old Fairhaven Parkway
Bellingham
360.671.0484

The Gardens at Padden Creek offers plants suitable for the NW Garden. Our staff has designed native gardens, deer-proof gardens, drought-tolerant gardens using plants selections to complement both architecture and topography. But, perhaps most important we educate customers so that plants will do well without harmful chemicals. The Gardens at Padden Creek is open March 1st through mid September. Hours 9-6 daily.

Tree Frog Farm

John Robinson
3679 Sunrise Road
Phone/Fax
360.758.7260
info@treefrogfarm.com
www.treefrogfarm.com

Tree Frog Farm is a micro-eco farm, a registered backyard wildlife sanctuary and a retail native and herbal plant nursery. Our products come from the native, medicinal and other garden plants which ecologically and energetically form the integrated dynamics of the land. We conduct tours and classes on the land and create flower essences, aromatherapy and herbal

products that can be found in our gift shop, at Green Touch in Bellingham and on the Web.

Pond's Edge Nursery

Sandy Madison
360.592.2382
info@pondsedge.com
www.pondsedge.com

Available to grow custom plants on contract. I specialize in heirloom varieties (any plants that come true from seed) perennials, hardy annuals and annuals. I also provide all historical and cultivation information for every species sold.

Landscape - Design/ Installation

Private Gardens Design

Susan Harrison
4402 Y Road
Bellingham, WA 98226
360.592.2223
privategardn@nas.com
www.nas.com/~privategardn
Landscape design/build

Natural by Design

Nancy May
645 Hunter's Pointe Drive
Bellingham, WA 98225
360.734.8323
nemay712@earthlink.net
Providing customized residential and commercial landscape and garden design services including consultations, site evaluations, conceptual plans or complete detailed drawings and plant selections. I specialize in naturalistic landscapes, native plants, and wildlife enhancements, but all projects are customized for the individual site and homeowner. I believe in blending good communication and artistic creativity with an understanding of nature to design outdoor spaces that please the client and complement the richness of our surroundings.

Laurel Landscaping

Scott Mauermann
956 W. Laurel Road
Ferndale, WA 98248
360.384.1232
ROCKWORK4U@aol.com

We specialize in design/installation of custom residential landscaping. We excel at creating destination areas of interest, charm, and comfort. Our jobs showcase master stonework and refined structural integrity. Recycling nature's ingredients, i.e. glacial boulders, old cedar stumps, and native plantings, helps us to develop relaxed, informal spaces that are welcoming and often well balanced with the surrounding existing habitat.

Cascade Cuts

Paul Troutman
632 Montgomery Road
Bellingham, WA 98226
360.671.6310
cascadecut@aol.com

Cascade Cuts is a wholesale greenhouse producing annuals, perennials, bulbs, herbs and topiary in an environmentally responsible manner. Our mission is to make a positive contribution to the environment, provide high quality plants and service to our customers, provide a wide array of plant varieties at an affordable price, and to create a healthy working and learning environment for the employees who are so important to our business.

Binda Colbrook

Everson, WA
360.966.5805

Focused on native habitat restoration on larger properties, wetland biology, and mitigation with naturalistic garden design. Specialization in shade loving plants under native trees, and gardens that bloom all year.

Business Directory

Coast Landscape

Rick & Sarah Neugebauer
109 N. 34th St.
Bellingham, WA 98225
coastlandscape@qwest.net
(360)671-8613

A small, local irrigation, spray, and maintenance landscape company.

Plantas Nativa, LLC

Bay Renaud
PO Box 5271
Bellingham, WA 98227
360.715.9655 phone
360.734.6612fax
bay@plantasnativa.com
www.plantasnativa.com

We sell native plant seed and plants. The most common shrub and tree species are kept in stock. Restoration and mitigation project design and installation. We also do small and large acreage wildlife enhancement, stormwater treatment, wetland creation and enhancement projects. CREP (see Non Profit and Governmental Services) project installation. Over 40,000 CREP program plants installed and growing.

Shelterbelt

Noah D. Booker, Horticulturist and ISA Certified Arborist
2406 Broadway
Bellingham, WA 98225-2402
360.920.1902 phone
360.714.6125 fax
noahbooker@yahoo.com

Ecologically appropriate landscape design, installation, renovation and maintenance. Fine pruning of trees and shrubs (no high climbing). Native plant revegetation, erosion control, songbird habitat enhancement, small field/pasture mowing, invasive exotic weed management.

Broad Horizons Landscaping

Craig Broad
520 Mission Rd.
Everson, WA 98247
360.966.5499

Specializing in stonework and environmentally friendly and sustainable approaches to hardscaping. 20 years experience.

Tapestry Garden Design

Katherine Veterane
1095 E. Axton Rd.
Bellingham, WA 98226
360.319.5631 phone
360.398.2312 fax
kvr@aol.com

Weaving together color, texture, and foliage for all season interest utilizing natives and adaptable imports. Specializing in garden renovations and collaborations. Planning, planting, and consultations. Earth friendly methods.

Non Profit and Governmental Services Conservation Reserve Enhancement Program (CREP) – Whatcom County

Contact Whatcom Conservation District
6975 Hannegan Road
Lynden, WA 98264
360.354.2035
wcd@whatcomcd.org

The CREP program provides incentives for landowners to plant forested buffers along anadromous fish bearing streams. The program pays all the costs to establish a buffer and the maintenance for five years. In addition, land owners receive annual rental payments under 10 or 15 year contracts as well as a one-time signing bonus. To be eligible the stream segment must provide habitat for fish listed under the Salmon and Steelhead Stocking Inventory (SASSI) and the habitat must be a significant limiting factor.

Natural Resources Conservation Service

Anitra Gorham
6975 Hannegan Road
Lynden, WA 98264
360.354.2035 phone
360.354.4678 fax
Anitra.Gorham@wa.usda.gov
www.wa.nrcs.usda.gov

Wildlife Habitat Incentives Program: This program provides financial and technical assistance to landowners wanting to create high quality wildlife habitat on private land. The emphasis of the program is on conserving habitats of declining species.

Wetland Reserve Program: This program provides technical and financial assistance to eligible landowners to restore, enhance, and protect wetlands. Landowners have the option of enrolling lands through permanent easements, 30-year easements, or restoration cost-share agreements.

Nooksack Salmon Enhancement Association

Wendy Scherrer/Darrel Grey
2445 Bakerview Rd.
Bellingham, WA 98226-7694
360.715.0283
www.n-sea.org

Stream restoration technical assistance including channel enhancement, native plant selection, planting, and maintenance.

Washington Department of Fish and Wildlife

Steve Seymour
360.676.2003
seymourfish@attbi.com

Stream restoration technical assistance including channel enhancement, native plant selection, planting, and maintenance.

Business Directory

Tenmile Creek Watershed Restoration Project

Dorie Belisle
231 Ten Mile Road
Lynden, WA 98264
360.398.9187
doriebelisle@yahoo.com
www.whatcomcd.org - Click on Tenmile Watershed on the left hand side of the site.

The Tenmile Creek Watershed Restoration Project is a community-based, grass-roots effort to improve water quality in the river, streams and ditches that run through our property. Individual site visits will explore your needs, the needs of the stream system and possible funding sources to accomplish the goals you set. If you live along Tenmile Creek, Fourmile Creek, Crystal Springs, Deer Creek, or any of their tributaries, you are invited to be part of this community effort to have **Healthy Streams: Neighbor to Neighbor**. For more information call Dorie Belisle.

Building/ Construction

A-1 Builders & Adaptations Design

Rick Dubrow
3310 Northwest Avenue
Bellingham, WA 98225
rdubrow@a1builders.ws
360.734.5249

A-1 Builders is a full service design/build contractor in Whatcom County offering quality remodels and custom homes since 1955. The design division is called 'Adaptations'. We reuse/recycle existing building materials, minimize the use of new materials, incorporate 'advanced framing' and use sustainably-harvested materials whenever possible. A-1 strives to be a model for its community. Examples include: using a Honda Insight as its

bidding vehicle, using a point-of-use water heater in the office, and installing xeriscaping on our property. These, and other business strategies, helped us win the 2001 Governor's Award for Pollution Prevention and Sustainable Practices.

Advent Construction Services, Inc

Del Jacobson
1146 Lakewood Lane
Bellingham, WA 98229
deladvent@aol.com
360.734.3311

Advent Construction Services, Inc. is a full service remodeling company doing design, additions, kitchens and baths. We also have extensive experience in damage repair and the associated detailed insurance estimates. We are committed to our local suppliers and subcontractors, and to reuse and recycling concepts as part of our contribution to our local living economy.

Aiki Construction

Rob Staveland
4780 Nettle Lane
Bellingham, WA 98226
360.398.8110
Aiki@Aikiconstruction.net
www.aikiconstruction.net

Aiki Construction, Inc. designs and builds resource efficient healthy homes. Aiki Construction built homes are state of the art for energy efficiency and attention to indoor air and water quality. The company's long term goal is to help build a comprehensive sustainable community.

Nickel Brothers House Moving

Jeremy Nickel
221 Heritage Farm Lane
Friday Harbor, WA 98250
360.378.3328
www.nickelbros.com

Coffey Construction

Dan Coffey
(360) 671-9930

Coffey Construction brings 15 years of building experience to the custom home and remodeling field, offering a hands on approach with a small, personable crew. We encourage thoughtful building and design and recycling of materials where possible. Custom cabinets, built-ins and recycled trim are also an option from our shop.

Right Angle Construction

Chuck Andrews
360.734.8461

Over 20 years experience in quality construction. Placing an emphasis on waste reduction, reuse of existing materials if possible, environmentally friendly materials, sustainably harvested wood when possible. Living wage jobs. Low overhead. Hands on approach.

Landmark Enterprises Inc

Marinus Van de Kamp
P.O. Box 5685
Bellingham, WA 98227
360.733.6643 phone
360.671.7438 fax
marinus@bellcoho.com
www.gotakeoff.com

Remodeling and design, incorporating some Feng Shui principles. Assisted in the design of Bellingham Cohousing (people -not car-friendly), healthy and sustainable materials. Marinus joined Landmark as a partner in 1990, after receiving his construction and engineering degree in the Netherlands. Using 3D CAD program Chief Architect. GoTakeoff.com is Landmark's materials calculator, trying to keep you from doing extra material runs to the lumberyard.

Business Directory

Sustainable Building Systems, L.L.C.

Chris Huff
1615 14th street
Bellingham Wa 98225
360.715.8123 phone & fax
sbshuff@yahoo.com

The focus of SBS is building insulated concrete homes. We use locally harvested, recycled, and certified lumber when possible. Our goal is to build energy efficient, low maintenance homes using the best materials possible. We also do ground work and landscaping using permaculture principles. We are organic, full service, and powered by biodiesel.

Dave Doran Construction

Dave Doran
4385 Saltspring
Ferndale, WA 98248
360.384.2797
ddoran45@yahoo.com

25 years in Whatcom County. Everything from custom homes to cabinets and furniture. Garden architecture and construction to commercial fixtures and displays. Small jobs welcome. Reasonable rates and high quality.

The Cascade Joinery

1401 6th Street
Bellingham, WA 98225
360.527.0119 phone
360.527.0142 fax
info@cascadejoinery.com
www.cascadejoinery.com

Custom Design/Build Service Custom Design, Fabrication and Installation of Timber Frame Structures and Components General Construction

Brown Dog Carpentry & Remodel

Eric Davis, owner/operator
3231 Hillside Rd.
Deming, WA 98244
360.319.7899 phone
360.592.3123 fax
edwoofler@hotmail.com

We are a small remodel and new construction company committed to environmentally sound practices. We use F.S.C. certified and recycled/reused local wood whenever possible. We advocate efficient use of space so as to cut down on size and therefore use of resources. We use recycled newspaper insulation whenever possible and low/non toxic sealers and paints. We also have a strong commitment to waste reduction.

Larsen Woodworks, Ltd.

Perry Larsen
466 Cove Rd.
Bellingham, WA 98229
360.734.8038

General contractor for custom building and renovation since 1981, focused on honesty, integrity, and craftsmanship in the use of environmentally conscious materials. Specializing in timber framing and wood floors.

Abel Construction

David Berens
2931 Elizabeth St.
Bellingham, WA 98225
360.647.6168 or 360.715.1164

Providing excellent remodeling and home repair work since 1993 for residential homeowners. Uncompromising quality; better than average prices. Free estimates.

MacDonald Construction

Patrick & Gail MacDonald
pngmac@hotmail.com
(360)733-6867

Manzanita Construction

Dean Luce
Water8land@hotmail.com
(360) 223-2286

Other Building Trades

Community Strength Painters

Steve Pacheaco
1209 Woodstock Way
Suite #303D
Bellingham, WA 98226

Superb References- Environmentally Friendly
Residential- Commercial- Interior- Exterior
Lead Paint Encapsulation- Free Estimates
LICENSED BONDED INSURED
VISA/MASTERCARD ACCEPTED

Curly's Flooring

Pablo Schroeder
2608 Huron Street
Bellingham, WA 98226
360.676.1013

Hole in the rug to Whole new rug! Local flooring company, specializing in repairing and stretching carpet, damage and seam repairs. Commercial and residential, Free estimates. Quality carpets at competitive prices. Guaranteed quality work. Fast, friendly service - Over 30 years in business.

Favinger Plumbing

Art Favinger
1700 Kentucky Street
Bellingham, WA 98229
360.676.1774

Favinger Plumbing is a full service plumbing contractor working in Bellingham since 1989. We offer solar heating for domestic hot water and space heating, sound

Business Directory

plumbing systems are by nature environmentally preferable. Other products and services of note are water filtration and treatment, sewer camera and pipe locator, and on-demand water heaters.

K. Skip Patten Carpentry

K. Skip Patten
3854 Squalicum Lake Road
Bellingham, WA 98226
360.592.3004

Carpentry business, specializing in smaller projects: interior remodel and finishing, roofing, fences, decks, siding, etc.

Building Performance Center

1701 Ellis Street
Bellingham, WA 98225
360.676.9718
www.bpc.opppo.org

The Building Performance Center is a building performance contractor that provides technical training, diagnostic services, indoor air quality investigations / mitigation and energy efficiency retrofits. We analyze and develop practical solutions to problems associated with building performance and the indoor living environment.

North Sound Tile Works

Kurt Waldenberg
kurtwa@openaccess.org
360.739.2653

North Sound Tile Works is a specialty contracting company installing, ceramic, stone, glass and select resilient surfaces for small businesses and homeowners in our area. We utilize highest-quality materials and practices to ensure beautiful and enduring 'healthy' tile installations.

Home Design & Engineering

Cindi Landreth Home Design

Cindi Landreth
1701 Ellis Street, Suite 207
Bellingham, WA 98225
360.671.2811
cklandreth@callmykate.com

Cindi offers space planning, residential design and working drawings for custom homes and remodels. Her diverse experience includes platform, balloon, timber, advanced framing, straw bale, pole building, and insulated concrete construction. She encourages clients to consider the environmental impact of their projects; to re-use/recycle materials; to challenge the concept that bigger is better; and to choose sustainably harvested forest products and engineered lumber to minimize the use of old growth trees.

Building Design Services

Deborah Todd
688 Chuckanut Drive
Bellingham, WA 98226
360.671.0529
dtodd@brenthaven.com

25 years of design experience specializing in environmentally sensitive smaller homes.

Bradley Engineering

David Bradley
811 Yew Street
Bellingham, WA 98229
360.714.1003
bradleyengineering@attbi.com

Structural engineering services for residential and commercial structures. Emphasis on conserving materials and energy.

Eco*Arch

Chris Morgan
220 Bayside Rd.
Bellingham, WA 98225
206.756.1930
EcoArch.com
Progaea@attbi.com

Eco*Arch is a full service architectural firm concentrating solely on a sustainable approach to developing the built environment. The firm specializes in the utilization of renewable resources to satisfy thermal requirements (space heating, hot water) and the introduction of daylight as a source of interior illumination. Projects are designed around comfort requirements while utilizing renewable and recyclable materials. Clients are encouraged to follow the United States Green Building Council's Leadership in Energy and Environmental Design (LEED) Guidelines.

Gallant Designs

Daniel Gallant
gallingham@aol.com
(360) 733-1225

Residential design and construction. Remodels, additions, custom homes.

Jackson & Assoc dba O'Brien & Company

Project Associate
O'Brien & Company
(360) 756-9599
alistair@obrienandco.com

Promoting informed sustainable development of our built environment. O'Brien & Company is a nationally recognized leader in sustainable design-build consulting, education, and research.

LaHatt Engineering Corporation

James & Nancy LaHatt
2101 Cornwall Avenue, Suite B
Bellingham, WA 98225
360.676.8332

Business Directory

Light Source

Shannon Maris
2335 Vining Street
Bellingham, WA 98225
360.676.1859
lightsourceon@aol.com

Architectural residential drafting

Zervas Group Architects

Sharon Robinson
209 Prospect St.
Bellingham, WA 98225
www.zervasgroup.com
(360) 734-4744

Architectural Design

Building Materials

Ferndale Ready Mix and Gravel, Inc.

144 River Road
Lynden, WA 98264
360.384.5393 phone
360.354.0486 fax

Sales of pervious concrete demonstrated on Tour Stop #2 in Fairhaven. We also offer Ready Mix, Colored Concrete, Grout, CDF, Exposed Aggregate, Crushed Gravel, Washed Rock and Sand.

The RE Store

600 W Holly
Bellingham, WA 98225
www.re-sources.org
restore@re-sources.org
360.647.5921

The RE Store is dedicated to saving still usable building materials from premature disposal. Since 1993 The RE Store has been serving Western Washington offering pick-up of materials, hand demolition of buildings and salvage of the materials, and sales of the used building materials to the public. The RE Store is a project of the the non-profit RE Sources.

Environmental Home Center

1724 4th Avenue South
Seattle, WA 98134
206.682.7332
1.800.281.9785
customerservice@environmentalhomecenter.com
www.environmentalhomecenter.com

In a decade we've grown from a tiny storefront to become a national distributor of green building supplies and household products. Along the way, we've solved problems for thousands of customers—parents looking for low-toxic paint for the nursery, builders looking for sustainable lumber, even a ship builder looking for durable flooring for a submarine.

Eco-Design Woods

Eric Davis, owner/operator
3231 Hillside Rd.
Deming, WA 98244
360.319.7899 phone
360.592.3123 fax
edwoofler@hotmail.com

E.D. Woods is a local lumber brokerage that provides only sustainably harvested wood products with an emphasis on locally produced lumber. We are currently in process to obtain FSC/Smartwood chain of custody certification. We can provide a wide variety of Northwest species products.

Renewable Energy

Celt M. Schira, P.E.

211 Hawthorn Rd
Bellingham, WA 98225
360.756.8957
schira@openaccess.org

Consulting electrical engineer to the sustainable community, including wind and solar energy, solar water pumping, telecommunications, backup power systems, RF engineering, power and communications for remote sites.

New Horizon Alternative Energy

Tim Abate
nhae@earthling.net
360.739.0178

Alternative energy systems design and sales, energy efficiency consultant

Rainshadow Solar

Eric Youngren
PO Box 541
Orcas, WA 98280
360.376.5336 phone
360.376.3000 fax
solar@rockisland.com

Rainshadow Solar has been designing and installing solar electric systems throughout Northwest Washington since 1989. Off-grid or grid connected renewable energy systems utilizing photovoltaic (PV), micro-hydro and/or wind energy resources. We also provide solar water pumping and battery charging systems for boats and RV's.

Environmental Consultation – Wetlands/Stream Restoration

Fisher Consulting Services

Mariann Brown & Ken Carrasco
Ferndale, WA
360.366.1466

A local environmental consulting firm that specializes in providing landowners with an assessment of the environmental conditions on their property. Consulting happens both before and after purchase to meet County, State and Federal regulations. We can assist homeowners with development and/or enhancement of wildlife and fish habitat as well.

Business Directory

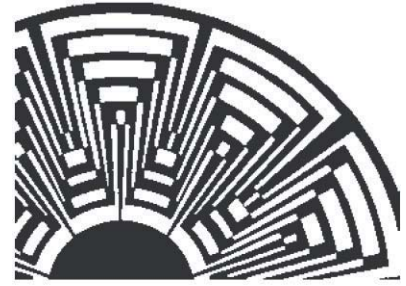
David Evans & Associates 2020 ENGINEERING

Contact: Craig Parkinson
119 Grand Ave., Suite D
Bellingham, WA 98225
360.647.7151
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www.deainc.com

DEA's focus is to build communities, not just subdivisions. From small residential neighborhoods to large-scale luxury communities, DEA's experts provide sensible and well-coordinated neighborhood designs that are sensitive to the environment and enjoyable for residents.

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360.671.2020
www.2020engineering.com

2020 ENGINEERING is an engineering consulting company dedicated to providing simple and innovative solutions for long term economic and environmental sustainability of local, national, and international communities. 2020 ENGINEERING specializes in the development and implementation of civil engineering designs that utilize the best of today's conventional engineering practices along with new, emerging and alternative technologies.



Rainshadow Solar

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541 Guthrie Cove Road
Orcas, Washington 98280
eric@rainshadowinc.com
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