

## ELLIS RESIDENCE

Completed 2010 - 2,560 sf  
Bainbridge Island, Washington  
Custom Residence



### SOFTWARE

Autodesk AutoCAD  
Google Sketchup  
\*Renderings Outsourced

### ARCHITECT OR DESIGNER

Matthew Coates  
Coates Design  
710 John Nelson Lane NE  
Bainbridge Island,  
Washington, 98110  
206-780-0876

### GENERAL CONTRACTOR

Rob Smallwood  
Smallwood Design and  
Construction  
8356 NE Day Rd.  
Bainbridge Island,  
Washington, 98110  
206-842-5443

### LANDSCAPE ARCHITECT

Jack Johnson  
Outdoor Studio  
8626 14th Avenue Southwest  
Seattle, Washington, 98106-  
2412  
206-763-3626

### STRUCTURAL ENGINEER

Jack Wiggins  
Quantum Consulting Engineers  
1511 3rd Avenue # 323  
Seattle, Washington, 98101  
(206) 957-3900

### MECHANICAL ENGINEER

Israel Gaphni  
Sound Mechanical  
093 NE Bay Hill Rd.  
Bainbridge Island,  
Washington, 98110  
(206) 780-5157

### INTERIOR DESIGNER

Melissa Anderson  
All in the Details  
741 Village Circle N.W.  
Bainbridge Island, Washington  
98110  
206-271-0285

### PHOTOGRAPHER

Roger Turk  
Northernlight Photography  
P.O. Box 37  
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## **NARRATIVE:**

Perched high upon Yeomalt Bluff, the Ellis Residence enjoys a commanding 180-degree view of Puget Sound and the Seattle skyline. Owners Ed and Joanne Ellis had a special goal in mind when they decided to build a sustainable home in the beautiful surroundings of Bainbridge Island, WA. Their goal was two-fold: they wanted to prove that sustainability can be achieved without compromising a modern aesthetic design and they wanted to motivate others to follow suit.

The Ellises are proud to say that their home is designed to be the first LEED® Platinum outside the city of Seattle in Washington State. The design limits its impact on the environment with a multitude of sustainable practices. Through implementation of geothermal, photovoltaic, solar hot water, and advanced heat-recovery technologies this home has succeeded in reducing the energy consumption by more than 70% compared to a typical home construction. The home also makes use of rain water cisterns for irrigation of native landscaping and a vegetated roof. The project's ecologically small footprint was not just constrained to the construction of the new house. Rather than demolishing the existing structure on the site, the team deconstructed, it effectively diverting 98% of its material from the landfill.

The home features intimate multi-use spaces that frame exceptional views of Seattle across Puget Sound. The view is best seen from the dining/living room's large expanse of glass windows and doors that open out to a concrete patio. Another great location to capture the vistas beyond is the sunken concrete tub in the master bath and on the accessible vegetated roof. The anticipation of Ed and Joanne's unique goal encompassed a 3 year process. This is a small price to pay when your home is a model of sustainability. Ed states it best when he describes the first morning in their home. "When I saw the sunrise with the skyline of Seattle as a backdrop the whole process was all worth it..."

## PRODUCTS:

### BATHROOM FITTINGS (FAUCETS, ETC.)

Delta Lahara single control WaterSense faucet, Toto Helix sensor faucet, & Grohe Ladylux Cafe & Essence.

### BATHROOM FIXTURES (SINKS, ETC.)

Kohler Caxton undermount sink, St. Thomas undermount sink, & owner supplied glass sink. Caroma sydney smart 270 easy height round front toilet.

### BATHROOM CABINETS

Fir - Custom designs by Mountain View Cabinets

### COOKTOP (IF DIFFERENT FROM OVEN OR RANGE)

Miele - Ceramic Cook top with Induction

### COUNTERTOPS

Caeserstone Countertops and Fuez

### DISHWASHER

Miele - Energy Star

### DOORS

Frank Lumber and Hardware "The Door Store"

### EXTERIOR SIDING

1x4 FSC Ironwoods Ipe and MTL panels, ablitt sheet MTL.

### FLOORING—CERAMIC TILE, STONE, OR CONCRETE

Exposed Concrete - Kurpgeweit Brothers

### FLOORING—WOOD

Vida cork planks, Ecohaus

### HEATING AND COOLING

### HVAC EQUIPMENT

Geothermal and hydroponic radiant, Sullivan

### KITCHEN FITTINGS (FAUCETS, ETC.)

Bamboo - Custom designs by Mountain View Cabinets  
Kitchen cabinets  
Franke

### KITCHEN FIXTURES (SINKS, ETC.)

Kohler single compartment self-rimming - stainless steel sink.

### LIGHTING FIXTURES

Halo, Juno, Bocci, Bega, Access Lighting

### OVEN OR RANGE (IF DIFFERENT FROM COOKTOP)

Miele oven H 4881 BP

### PAINTS/STAINS/WALL FINISHES

Ground Face CMU, Sherwin - Williams No VOC Paints, Low VOC Stains

### REFRIGERATOR

Concealed Miele 1801

### ROOFING

Cooley PVC Roof by Hanley Roofing

### SKYLIGHTS/ROOF WINDOWS

Crystalite

### SOLAR ENERGY SYSTEM

Sun Wind Concepts - renewable energy concepts

### WINDOWS

Loewen Triple - Glazed

**GREEN PRODUCTS:**

Goethermal

Solar

Hydroponic Radiant Heating

Thermal Massing CMU Walls

No VOC Paints

Low VOC Stains

90% FSC wood use to LEED Platinum Standards

Belco Forest Products

Edensaw Woods. LTD.

Disdero Lumber Co.

Specialty Forest Products, Inc.

Miele - Energy Star Dishwasher

Low Flow toilets and fixtures meet

LEED Platinum Standards