

Photos: By Andy Frame Photography (www.andyframe.com)



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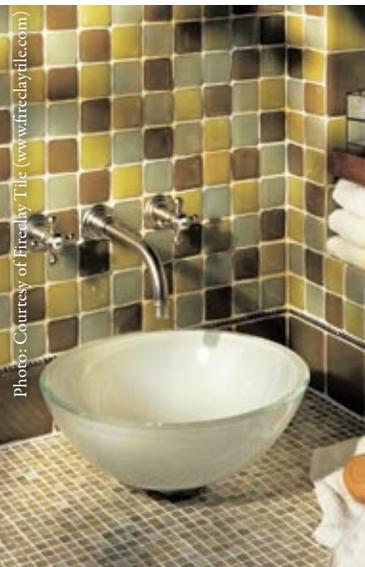
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FINDING NEW PURPOSE

There are many ways the ReVISION House demonstrates green building practices, but at first glance perhaps the least obvious is the fact that remodeling itself is a sustainable choice. When a homeowner decides to remodel and reuse substantial portions of his existing home—rather than tear down the house and send the waste to the landfill—that is an eco-friendly decision. Components not used in the remodeling project may be harvested and reclaimed as valuable building material. This gives a new life-cycle to those components and diminishes the need for virgin resources.

As the home is carefully disassembled, items such as old windows and doors may be donated to a local nonprofit that receives and sells reclaimed building materials to raise funds

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Crush



Relax, LET US MAKE IT EASY FOR YOU

Where do you start and end your day? Your bathroom should be an oasis from the stress of everyday living. Consider a renovation and transform a “blah” space to a WOW space. Wouldn't you like to start the day with a smile as you enjoy the beauty and comfort of a well designed and well appointed bathroom?

Relax in a whirlpool tub after a long day at the office or running the kids around town to their activities. A steam shower with fresh eucalyptus oil is designed to take the stress away, especially in this economic environment.

Replace the worn out tile in your shower with a simple design or add new lighting to bring the space into the 21st century. Does your vanity not meet your space needs? Perhaps a new medicine or linen cabinet will solve the problem.

Call **Forest Glen Construction** at **847.236.0895** and we will be happy to discuss your dream bath with you. A tremendous transformation can happen in a short period of time, leaving you to relax and enjoy your new space and end each day with a smile.



before

The ranch-style home is an American icon—an architectural style that was immensely popular throughout the country from 1950-1970. It is recognizable by its single-story exterior, low-slung roof, wide eaves, large windows and simple trim. Today, young families appreciate the open floor plan characteristic of this style, and older buyers are rediscovering the ease of living on one level.

The 2011 ReVISION House is the latest in a series of homes remodeled by Green Builder Media to demonstrate sustainable building practices. This project celebrates the ranch form, freshening an existing ranch-style home in Orlando to appeal to today's home buyers. The design team's goal was to keep the costs down and also preserve the architectural character of the house. The finished project shows how a renovated ranch-style home can function well for the modern lifestyle without the expense of adding a lot of square footage.

The original 1,800-square-foot house had three bedrooms—all grouped together—and one and a half baths. A new addition enlarged the home to 2,400 square feet, giving it four bedrooms and three and a half baths. The master suite is now located on the opposite side of the house from the other bedrooms. By reconfiguring the existing layout, a number of other design flaws were addressed: a proper entry and foyer were created; the laundry room was brought in from the garage, and a powder room was added. A covered outdoor living space was also included in the redesign.

The ceiling height was raised to 9'-4" in the new addition to bring more light and airiness into the kitchen, grand room, and master bedroom—the center rear section of the home. Ceiling heights remain at 8' in the remainder of the home, which feels cozy by contrast. The corner windows in the bedrooms and living room remain, as well as the chimney placement and location. All in all, only 600 square feet of

The 2011 ReVISION House



Photos: By Andy Frame Photography (www.andyframe.com)

space was added, yet the livability of the house was greatly improved.

Other ways this home demonstrates sustainable building practices is through its use of the following high-performance and energy-efficient green products:

- Concrete masonry veneer on the exterior is pre-molded over polystyrene panels, offering R-13.5 insulation.
- A “cool roof” product from MonierLifetile has high solar reflectance and thermal emittance.
- Custom impact-resistant aluminum-clad windows provide security against intruders, reduce outdoor noise, and filter 99% of UV light.
- Closed-cell spray foam insulation that potentially saves 20-40% on heating and cooling energy. Product does not have formaldehyde or respirable fibers.
- Hybrid water heater with twice the efficiency of standard electric water heaters.
- All appliances are ENERGYSTAR qualified.
- Many light fixtures are LEDs.
- Low-flow plumbing fixtures.
- No-VOC paint.
- Occupancy/vacancy light sensors offer safety and energy-efficiency.
- ENERGYSTAR qualified exhaust fans maintain good air quality in the house.

Out of the Ordinary

Each day you may pass by the exterior of your home without really analyzing its appearance. Does your home look dated and worn? Is there anything exciting that sets it apart from the other homes on the block? If you decide to sell your home, will it impress potential buyers from the curb—or is your home's exterior bland and uninspiring?

Your home's facade can take on an entirely new dimension with the addition of contrasting decorative trim or with the front door attractively painted in a bold color. Creating an entry portico, or a porch that extends across the front of your home, can lend depth to the facade. Use stone accents to add warmth and textural interest. Design an inviting approach to your home with paving stones or bricks.



before

A carefully planned greenscape also adds tremendous appeal to the look of your home. Select plants that are native to our region so they will require less water and fertilizer to keep them healthy and vigorous. Include flower boxes at the entrance for a "welcome home" touch.

As you are planning the makeover, it is wise to choose roofing, siding, door and window replacement products that help reduce energy costs. For example, the U.S. Department of Energy



Photos: Courtesy of CertainTeed (www.certainteed.com)

CertainTeed's Restoration Millwork Exterior Trim is made from easy-care PVC, but looks and feels like lumber.

says that ENERGY STAR qualified windows can save as much as 15% on your energy bill. Foam-backed siding provides a modest boost in R-value, as well as reduced sound transmission. Similarly, you will want to select products that are easy and inexpensive to maintain, such as siding and trim that never need painting.

THE ULTIMATE CULINARY CENTER

The holidays are almost here. Is your mouth already watering for roast turkey with all the trimmings? If your family is really into cooking, you will be excited to learn about Thermador's latest introduction: the Pro Grand Steam Range.

This 48-inch range offers seven distinct cooking options, all in one sleek package: a full-function combination steam and convection oven; a large-capacity convection oven; a six-burner gas cooktop and electric grill/griddle option; and a warming drawer.

True foodies will especially appreciate the steam and convection oven that enables cooking without using butter or fat, improves overall food quality and appearance, and preserves healthy vitamins and nutrients typically lost during traditional cooking methods. The oven cavity is large enough for a 14-pound turkey that will take only 90 minutes to cook in Combination mode, resulting in a moist inside and a perfect crust outside.



Photo: Courtesy of Thermador (www.thermador.com)

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Relax, Let Us Make It Easy for You

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FINDING NEW PURPOSE



IceStone

Photo: Courtesy of IceStone (www.icesstone.biz)



Kirei Board

Photo: By James Hall



Coco Tile

Photo: Courtesy of Kirei USA (www.kireiusa.com)

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for their community efforts. Building material that is not suitable for repurposing in its present condition may be ground up and recycled into another type of building product.

Fireclay Tile's Debris Series recycled ceramic tile is one of the beautiful products produced using this kind of process. This tile features over 70% recycled materials, including over 50% post-consumer recycled materials. The company's new Crush series 100% recycled glass tile is made from pre-

consumer waste glass. Fireclay points out that the glass is obtained from sources located within 20 miles of their USA manufacturing facility, minimizing the energy used for transportation.

IceStone is another stylish recycled product, this one perfect for countertops. IceStone surfaces are made from three core ingredients: 100% recycled glass, Portland cement, and nontoxic pigment. The product is manufactured without any harmful petrochemicals or resins. IceStone's color palette includes 29 different colors.

Innovative manufacturers are also finding ways to reclaim agricultural byproducts that would otherwise go to waste. An example of this is Kirei Board, a strong, lightweight substitute for wood. It is manufactured from reclaimed sorghum straw and no-added-formaldehyde adhesive. Kirei Board creates a very unique effect when used for furniture, cabinetry, casework, and interior design elements.

Kirei Coco Tiles are manufactured using reclaimed coconut shell and low- or zero-VOC adhesives and finishes. The reclaimed shells are a rapidly renewable resource left after the edible portion of the coconut is harvested. Until now, these shells have been discarded or burned, which added to landfill waste and air pollution. Coco Tiles offer an exotic look for wall covering, furniture and interior design feature elements.