

# residential architect

A HANLEY-WOOD, INC., PUBLICATION / APRIL 1999



## the ultimate design challenge

simple, decent, affordable homes: the homes for habitat design awards







# contents



Time-lapse images courtesy of CBS  
Cover photo illustration: Stuart Bradford

## the ultimate design challenge:

the homes for habitat design awards

**from the editor..** page 13

**introduction..** page 16

### winning designs

ed binkley

*orlando, fla.*

first-place award for design excellence . . page 22

pyatok associates

*oakland, calif.*

second-place award for design excellence . . page 30

looney ricks kiss architects

*memphis, tenn.*

citation of merit for design excellence . . page 32

brian easley and christi blau

*atlanta*

citation of merit for design excellence . . page 36

peter j. musty, peter musty architecture & urban design  
*minneapolis*

and r. john anderson, anderson lamb & associates  
*st. paul, minn.*

citation of merit for design excellence . . page 38

colin m. cathcart, kiss + cathcart architects

*new york city*

honorable mention for presentation . . page 42

baylis brand wagner architects

*bellevue, wash.*

honorable mention for presentation . . page 44

### notable entries

steven lamothe

*buffalo, n.y.*

and ken mackenzie

*audubon, n.j.* . . page 48

ralph c. bender, gonzález newell bender

*san antonio* . . page 50

university of notre dame school of architecture

*notre dame, ind.* . . page 52

liska associates

*milwaukee* . . page 54

beveridge architects

*clinton, n.j.* . . page 56

tarane rahmani

*irvine, calif.* . . page 58



THINK **BIG**  
MAKE IT HAPPEN  
**DALLAS**  
**99**



Leadership  
in the new  
millennium

**1999 AIA  
NATIONAL CONVENTION  
& EXPOSITION**

**May 6-9, 1999**

**DALLAS CONVENTION CENTER**

- View over 450 exhibitors' products and services
- 36 LUs in one convention
- Over 60 new products and services at AIA Expo99
- Networking with industry colleagues

For information on exhibiting call **617-859-4475**.  
All other requests may be faxed to **617-859-4354** or e-mailed to [aiaexpo@hcc.com](mailto:aiaexpo@hcc.com)

**Please send me information about**

☐ Attendance at AIA Expo99    ☐ Exhibiting opportunities

☐ Other

Name

Company

Address

Phone/fax

E-mail address



For more information on attending, call  
AIA Convention Hotline: **202-626-7395**  
Fax-on-demand: **617-859-4475**

**New for 1999! Register Online**  
Visit the AIA website at [www.aiaonline.com](http://www.aiaonline.com)

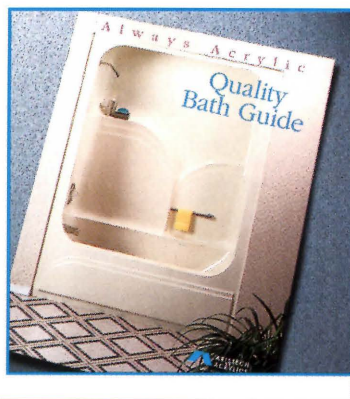
THE AMERICAN  
INSTITUTE OF  
ARCHITECTS





# The Acrylic Bath. Your Customers Will Love T Way It Resists Spots... Rovers... Fidos...

Acrylic makes bathtubs shine through years of use (and the occasional abuse). It's tough enough to do wonders for customer satisfaction — and for your reputation. So, if you want the best, always install acrylic. To learn more, call for your **FREE Consumer Guide: 1-800-485-1124**



**ARISTECH  
ACRYLICS LLC**

*Quality that comes to the surface.*



# "The finishing touch"

by COR-A-VENT

Your plans are drawn. Your design is complete. But, how well is it ventilated? Ask **COR-A-VENT**, the ridge vent experts. We pioneered the "Roof Over" ridge vent business in 1976, with our first patent. Since then, we've consulted with literally thousands of design professionals, helping them to specify the aesthetic and functional benefits of concealed ridge ventilation.

Proper attic ventilation helps preserve the life of the roof and structure.

It also helps ensure the comfort of the occupants inside. Whatever your design calls for, from a hip roof to metal roofing, COR-A-VENT has the application to fit your needs. Send us a copy of your roof plans, and our technical dept. will do a take-off for specifying.

**Specify Cor-A-Vent ridge and eave vents – the crowning achievement of your next project.**

Most special application details are available by phone using our 24 hr. Vent-Fax™. Also you can download the files from our website at [www.cor-a-vent.com](http://www.cor-a-vent.com).



**COR-A-VENT, Inc.**  
P.O. Box 428 • Mishawaka, IN 46546-0428  
Phone: (800) 837-8368 Fax: (219) 258-6162  
[www.cor-a-vent.com](http://www.cor-a-vent.com)



ICBO# 4838

Circle no. 260

## Beautiful Garage Doors Add Charm and Style.



*Classic swing-open look with automatic overhead function.*

DALE MULFINGER, ARCHITECT



**DESIGNER DOORS INC.** 800.241.0525  
[www.designerdoors.com](http://www.designerdoors.com)

CUSTOM DESIGNED, HAND-CRAFTED AND DELIVERED NATIONWIDE  
ATLANTA ♦ BOSTON ♦ CHICAGO ♦ MINNEAPOLIS ♦ PHILADELPHIA

Circle no. 74

# residential architect<sup>tm</sup>

A HANLEY-WOOD, INC., PUBLICATION / APRIL 1999

Susan Bradford Barror / Editor / 202.736.3352 / [sbarror@hanley-wood.com](mailto:sbarror@hanley-wood.com)

Judy H. Neighbor / Art Director / 202.736.3331 / [jneighbor@hanley-wood.com](mailto:jneighbor@hanley-wood.com)

Amy Doherty / Managing Editor / 202.736.3442 / [adoherty@hanley-wood.com](mailto:adoherty@hanley-wood.com)

Meghan Drueding / Associate Editor / 202.736.3344 / [mduedin@hanley-wood.com](mailto:mduedin@hanley-wood.com)

Deena Shehata / Assistant Editor / 202.736.3407 / [dshehata@hanley-wood.com](mailto:dshehata@hanley-wood.com)

Kristina K. Goings / Graphic Designer

Juliana Davis / Production Manager

Sarah A. O'Keefe / Assistant Production Manager

Betty Kerwin / Color Center Coordinator

George Brown / Color Center Coordinator

Lucy Hansen / Marketing Director

Tim Ahlering / Publisher

### Editorial Advisory Board

Aram Bassenian, AIA, Bassenian Lagoni Architects, Newport Beach, CA

Terry Beaubois, AIA, RDC Interactive Media, Palo Alto, CA

Barry Berkus, AIA, B3 Architects + Planners, Santa Barbara, CA

Dennis Brozak, Design Basics, Omaha, NE

William J. Devereaux Jr., Devereaux & Associates, McLean, VA

Duo Dickinson, Duo Dickinson Architect, Madison, CT

Stephen S. Fuller, Design Traditions, Atlanta

Donald A. Gardner, AIA, Donald A. Gardner Architects, Greenville, SC

Steven House, AIA, House + House Architects, San Francisco

William Kreager, AIA, Mithun Partners, Seattle

J. Carson Looney, FAIA, Looney Ricks Kiss Architects, Memphis, TN

Bill Manion, AIA, O'Neil and Manion Architects, Bethesda, MD

Sara O'Neil-Manion, AIA, O'Neil and Manion Architects, Bethesda, MD

Susan Maxman, FAIA, Susan Maxman & Partners Architects, Philadelphia

Mark McInturff, AIA, McInturff Architects, Bethesda, MD

Stephen Muse, FAIA, Muse Architects, Washington, DC

Jefferson Riley, FAIA, Centerbrook Architects and Planners, Centerbrook, CT

Mark Scheurer, AIA, Scheurer Architects, Newport Beach, CA

Doug Sharp, AIA, BSB Architects and Planners, Des Moines, IA



Published by Hanley-Wood, Inc.

Publisher of BUILDER, BUILDING PRODUCTS, CUSTOM HOME, HANLEY-WOOD'S TOOLS OF THE TRADE, HOME IMPROVEMENT RETAILER, PROSALES, REMODELING, AND *residential architect*

Michael J. Hanley / Chairman

Michael M. Wood / Chief Executive Officer

Frank Anton / President

Michael J. Tucker / President / Magazine Division

John M. Brannigan / Senior Vice President / Corporate Sales Director

James D. Zielinski / Chief Financial Officer

Paul Kitzke / Vice President / Corporate Editorial Director

Joanne Harap / Vice President / Production

Maxx MacConnachie / Vice President / Circulation

Ann Seltz / Vice President / Marketing

Cynthia Gordon-Nicks / Vice President / Finance

Leslie S. Elsner / Vice President / Human Resources

Adriaan Bouten / Vice President / Information Technology and New Media

Editorial and Advertising Offices:

One Thomas Circle, N.W., Suite 600

Washington, DC 20005

Phone 202.452.0800 / Fax 202.785.1974

Volume 3, number 3. *residential architect* (ISSN 1093-359X) is published eight times a year in 1999 by Hanley-Wood, Inc., One Thomas Circle, N.W., Suite 600, Washington, DC 20005. Copyright 1999 by Hanley-Wood, Inc. Opinions expressed are those of the authors or persons quoted and not necessarily those of Hanley-Wood, Inc. Reproductions in whole or in part prohibited without prior written authorization. *residential architect* is sent free of charge to qualified readers involved in the residential home design market. The publisher reserves the right to determine qualification criteria. Out-of-field subscription rates are: U.S., \$39.95; U.S. students \$19.99; Canada and all other countries, \$U.S. \$49.95; airmail is additional. Single-copy price is \$10.00. For subscription information write to: *residential architect*, P.O. Box 3241, Northbrook, IL 60065-3241. **Subscriber customer service:** 888.269.8410 / **Fax:** 847.291.4816. Periodicals postage paid at Washington, DC, and at additional mailing offices. Postmaster: Send address changes to: *residential architect*, P.O. Box 3241, Northbrook, IL 60065-3241. This issue mailed in regional editions.





# doing good

*residential architect's* homes for habitat design awards  
show how doing good and doing good work can go hand in hand.

by susan bradford barror

**I**ast summer, this magazine embarked on a unique project to benefit Habitat for Humanity International: a design competition for a 1,200-square-foot house that a Habitat family would help build and live in.

We called it The Ultimate Design Challenge: The Homes for Habitat Design Awards, and invited our 20,000 readers to participate.

The winning design was to be built in Yonkers, N.Y., a small city on the outskirts of New York City. Bob Vila would cover the build on CBS television.

Both the competition and the build were a smashing success. Our sincere thanks to the many individuals, organizations, and manufacturers who contributed their time

## the competition

Habitat for Humanity uses the phrase "safe, decent, and affordable" to describe the houses it builds. With the Homes for Habitat Design Awards, *residential architect* raised the bar several notches. We issued our readers the ultimate design challenge: to achieve design excellence within the established parameters of square footage and affordability. All entries were to be designed for construction using structural insulated panels (SIPs). And all entries had to meet detailed program requirements based on the Yonkers location (for more on those requirements, see page 18).

## the winners

The competition drew 175 entries of remarkably high caliber from firms and indi-

the competition drew 175 entries  
of remarkably high caliber.

viduals, new faces and big names alike. After an intensive day of discussion and review, judges Bob Vila, Susan Maxman, Randy

and materials for the benefit of Habitat for Humanity. You'll find them mentioned throughout this special issue of the magazine.



Katherine Lambert

Luther, Nevil Eastwood, and Jim Tracy selected seven winners. The top award went to Ed Binkley, AIA, vice president of architecture with The Evans Group in Orlando, Fla. You'll find Ed's winning design on page 22—and on the corner of Porach and Walnut Streets in Yonkers, where it is now home to Michelle Hayes and her four daughters.

This issue of *residential architect* is our tribute to the winners of The Homes for Habitat Design Awards. Starting on page 30, you'll find plans and project descriptions for the winning designs, plus

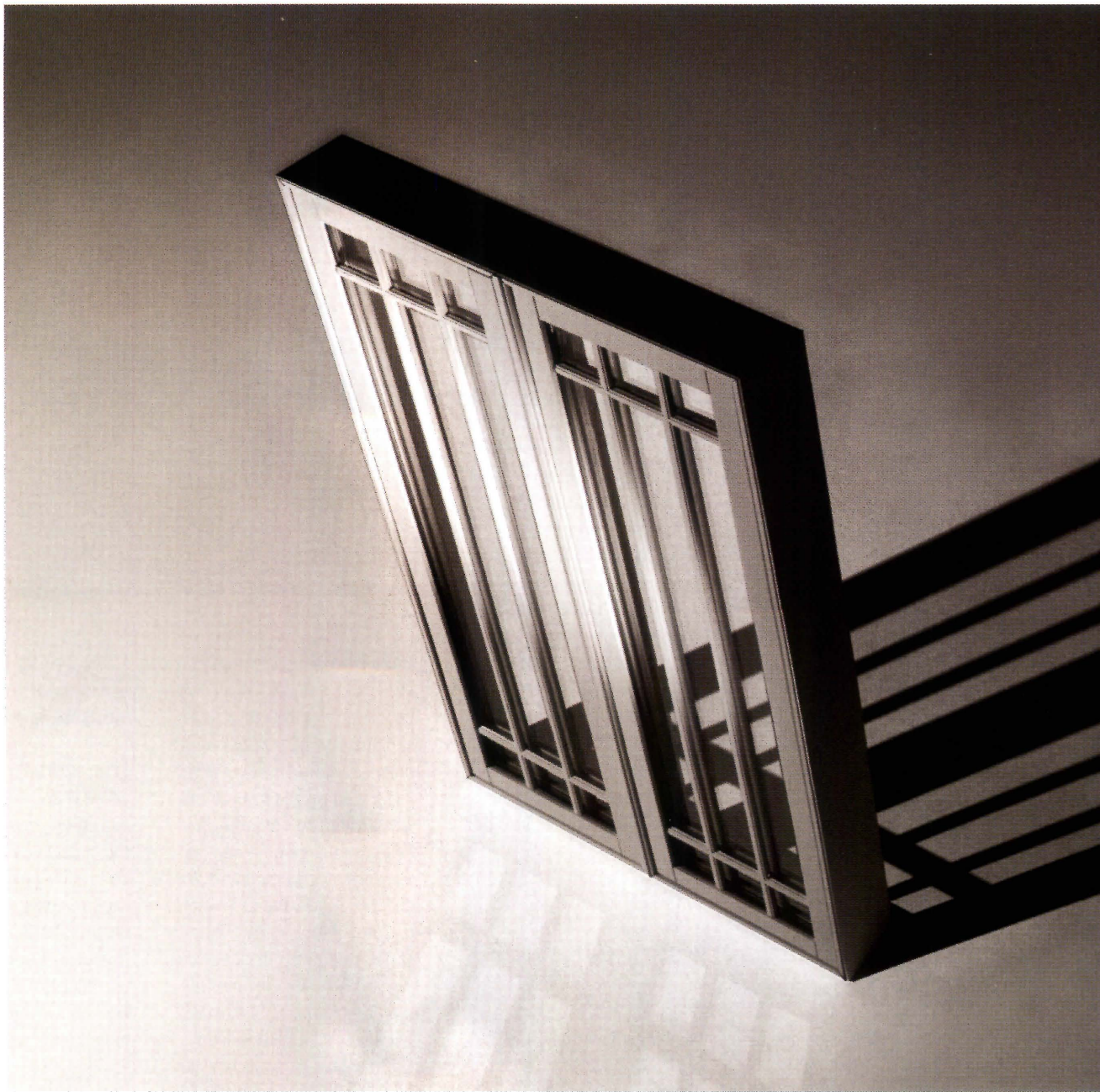
a selection of nonwinning entries with significant design attributes in their own right.

## the challenge ahead

Building (pun intended) on the success of last year's competition, *residential architect* will issue a new design challenge to readers this year. Look for details on the 1999 Homes for Habitat Design Awards in the magazine's next issue. **ra**



***E**ven with today's technology, its most unique*



▲  
*This 48" twin casement window is just one of the 144,000 choices we offer. For a free brochure, call **1-800-238-1866, Ext. C5** or visit us at **[www.caradco.com](http://www.caradco.com)***



*eature is a 132-year-old philosophy.*

*When we made our first double-hung wood windows,  
a lot of them lasted well into the next century. 132 years later,  
we still use solid Western pine and treat our craft with absolute respect.  
Of course, people still like good service and fast delivery. And now,  
we combine our old-fashioned Midwestern helpfulness with the latest  
in estimating programs, satellite tracking, www-dot-coms and the like.  
So if you're looking for windows your clients will feel good about,  
or ways to get new clients, give us a call.*

*We'll put 132 years of experience to work for you.*

*Windows for tomorrow. Since 1866.™*



Circle no. 218



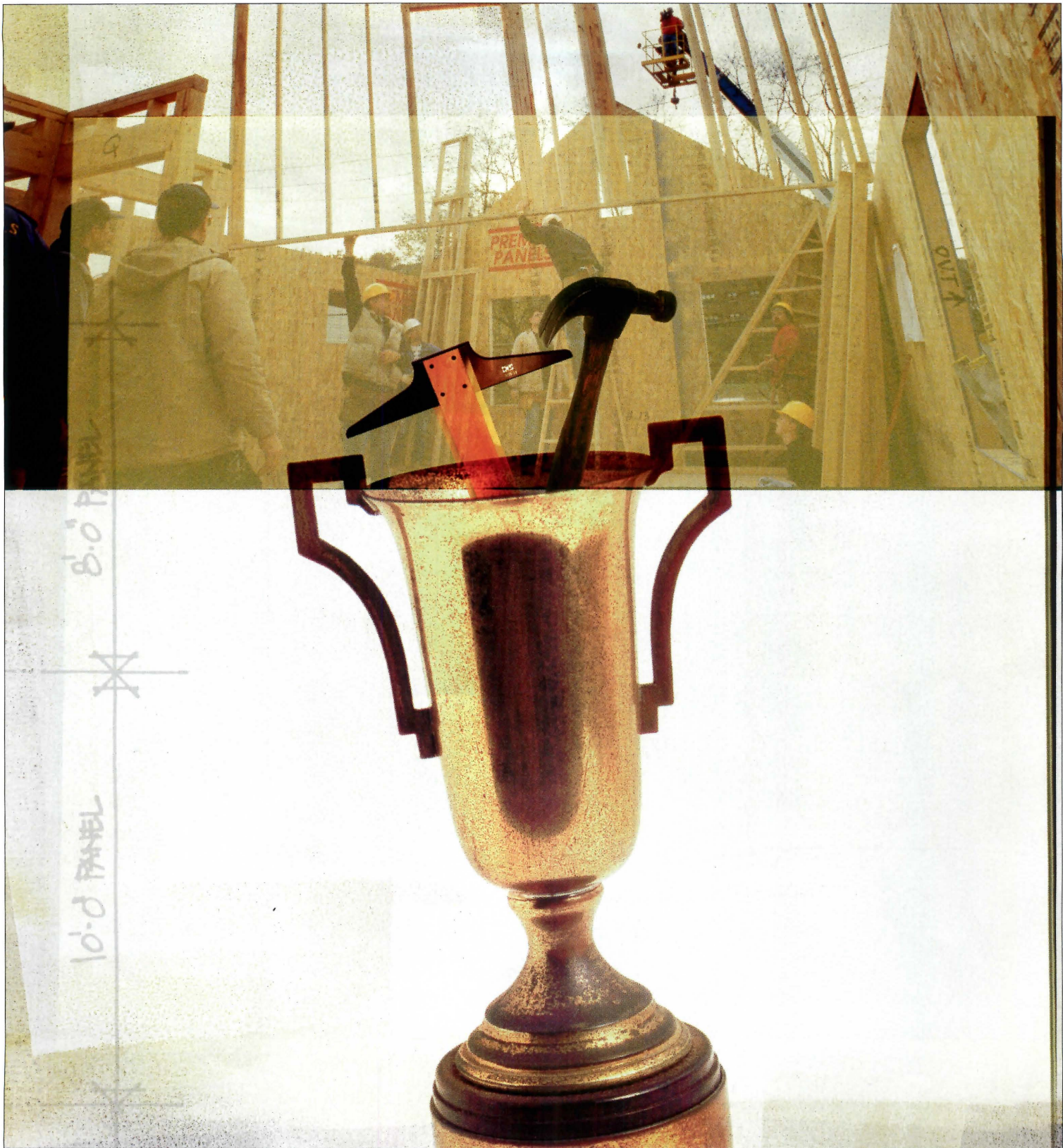


Photo illustration (above): Stuart Bradford; Upper-right corner, facing page: time-lapse photos shown throughout this magazine courtesy CBS video





# *the* ultimate *design* challenge

affordability and design excellence

share top billing in the

homes for habitat design awards.

It's trite but true: The smallest packages can contain the most wonderful things. Like the houses our readers designed for *residential architect's* 1998 Homes for Habitat Design Awards. We called the competition the ultimate design challenge: to achieve excellence in a 1,200-square-foot house that could be built for \$50 a foot or less. One hundred and seventy-five of you rose to

the challenge with a wide array of thoughtful, buildable, well-designed solutions.

If you happened to tune into the "This Morning" program on CBS the week of November 16 through 20, you saw Ed Binkley's winning design take form before your eyes. Built in Yonkers, N.Y., in cooperation with the Westchester County, N.Y., affiliate of Habitat for Humanity, the house is the

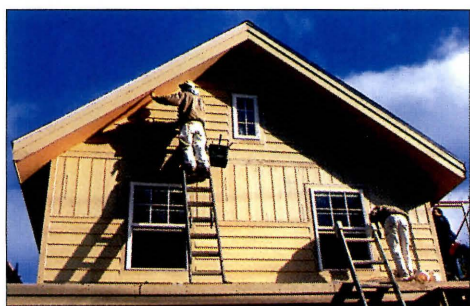


# the ultimate design challenge

handiwork of 300-plus volunteers, including Bob Vila and the woman who would ultimately own the home. See page 22 for associate editor Meghan Drueding's in-depth coverage of the winning design; Meghan spent a day on site during the build.

## about habitat for humanity

Habitat for Humanity International was the logical beneficiary of this worthy project. One of the world's most effective providers of affordable housing, Habitat for Humanity has 1,455 local affiliates in the United



Philip Jensen-Carter

The winning design was built by 300-plus volunteers.

States and is active in 59 other countries. Through tax-deductible donations of labor and materials, Habitat has built or rehabilitated more than 70,000 houses since its founding in 1976. It sells these homes to eligible households using no-interest loans. Habitat homeowners are required to invest sweat equity in the construction of their own houses and the homes of other Habitat families. Their mortgage payments go into a revolving fund that finances the construction of future houses.

Habitat welcomes involvement from architects willing to donate their design and construction skills. To find out how you can volunteer for Habitat in your community, contact 1.800.habitat or visit [www.habitat.org](http://www.habitat.org).

## about the team

As with any house, the winning design built on CBS' "This Morning" was a

*continued on page 20*

## design requirements

Entrants in the 1998 Homes for Habitat Design Awards were given these criteria:

- House should be friendly to the street, with a simple, livable plan that can be built by volunteers under professional supervision.
- House will be built on a flat corner lot in an established neighborhood in Yonkers, N.Y. Neighboring houses are a mix of two- and three-story structures, predominantly clad in wood, aluminum, and vinyl. Front porches are prevalent.
- Design must utilize structural insulated panels (SIPs) and other engineered wood products. SIPs are factory-assembled, load-bearing wall, floor, and roof components. Panels consist of two facings of oriented strand board (OSB) laminated and pressure cured to a one-pound density core of modified expanded polystyrene (EPS). Dimensions range from 4' x 8' to 8' x 24', in thicknesses from 4 to 12 inches.
- Design must meet BOCA code.
- Design must demonstrate energy efficiency.
- Site is a corner lot, 25 feet wide by 100 feet deep.
- Front door must face 25-foot-wide street frontage.
- House must have a covered front porch.
- House must be no more than 1,200 square feet.
- Maximum lot coverage is 800 square feet, with 40-foot-deep rear yard (minimum).
- House must have two stories and no basement. Building height may not exceed 35 feet.
- House must have three bedrooms and one-and-a-half bathrooms.
- All passage doors (including bathroom doors) must be 3'0", with 2'8" minimum clear width.
- Halls must be minimum 3'4" wide, frame to frame.
- No garage or carport is to be included.
- Projected construction cost must not exceed \$50 per square foot.





# MAJESTIC FIREPLACES

A WELCOME HOME

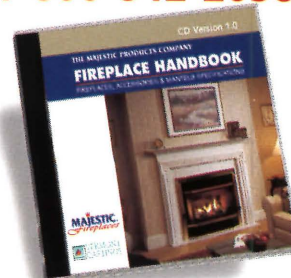


No two homes are exactly alike. That is why Majestic produces the most complete line of fireplaces -- wood, gas, direct-vent, vent-free, decorative, high-efficiency, see-through, three-sided . . . and more!

But Majestic offers more than just the most choices. Ever since Majestic invented the factory-built fireplace back in the '50s, we have been the technology leader. Only Majestic Fireplaces feature the Insta-Flame Ceramic Burner, the patented gas flame with a lifetime guarantee and the industry's most realistic wood-like flame.

Let us tell you more ways that Majestic can make anyplace a "welcome home." Call today for our Free CD.

Call for your **FREE**  
**Fireplace Design**  
**Handbook on CD**  
**1-800-842-2058**



**MAJESTIC**  
*fireplace*

[www.majesticproducts.com](http://www.majesticproducts.com)

Circle no. 234



# the ultimate design challenge

team effort, of which *residential architect's* design competition was just one component. We were joined by the following project co-sponsors:

**apa—the engineered wood association.** Based in Tacoma, Wash., APA is a nonprofit association that represents manufacturers of plywood, oriented strand board, structural composite panels, glue-laminated timber, and wood I-joists. APA trademarks products

manufactured by member mills who comply with the association's rigorous program of quality testing and inspection.

**premier building systems.**

Fife, Wash.-based Premier Building Systems is the

largest manufacturer of insulated structural building components in the Western Hemisphere. Its structural insulated panels (SIPs) were used in the construction of the award-winning house.

**klima-tite, a division of reliant building products.** Reliant Building Products in Dallas is the largest producer of nonwood windows in the country. Klima-Tite windows were specified in the award-winning house.

## about the judges

Judges for the Homes for Habitat Design Awards were selected for their knowledge of affordable design and building practices.

The jury included Nevil Eastwood, director of construction and environmental resources, Habitat for Humanity International, Americus, Ga.; Randy

Luther, vice president of research and development, Centex Homes, Dallas; Susan Maxman, FAIA, principal, Susan Maxman & Partners Architects, Philadelphia; Jim Tracy, division manager, Premier Building Systems, Fife, Wash.; and Bob Vila, BVTV, Marston Mills, Mass.

## about this issue

We view this issue of *residential architect* as an idea book for affordable house design. Our judges selected six winners in addition to the first-place design that was actually built in Yonkers. You'll find all seven winning designs in the pages that follow, complete with plans, elevations, and the entrants' project descriptions as edited by our staff.

We also present plans, elevations, and project descriptions for six nonwinning entries. All addressed the competition's design requirements thoroughly and thoughtfully.

## thanks

We thank all those who entered the Homes for Habitat Design Awards; our co-sponsors and judges; Habitat for Humanity International and its Westchester County, N.Y., affiliate; the City of Yonkers, N.Y.; Bob Vila; the producers and crew of CBS' "This Morning"; the Partnership for Advanced Technology in Housing (PATH) and engineering consultant Steven Winter Associates; and all the volunteers and manufacturers who contributed their time, materials, and expertise to make this project possible.

Stay tuned for information on the 1999 Homes for Habitat Design Awards.

—Susan Bradford Barror

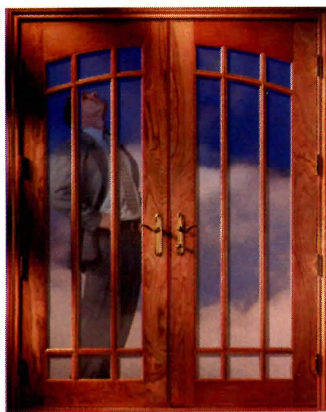


The judges (from left):  
Nevil Eastwood,  
Jim Tracy, Susan  
Maxman, Bob Vila  
and Randy Luther

Compoa



*infinite  
sizes*



*thousands  
of  
solutions*

*multiple  
option  
availability*



*Everywhere you look there are choices. Options. And, unfortunately, problems. So it's reassuring to know you can get the most comprehensive line of quality windows and doors with one phone call. From Weather Shield wood, to Visions 2000® vinyl, to Custom Shield replacement products and more. You get more answers. And, fortunately, much fewer problems.*

(800) 477-6808 ext 2096

[www.weathershield.com](http://www.weathershield.com)

*T h e r e ' s   m o r e  
t o   s e e   i n   a  
W e a t h e r   S h i e l d  
w i n d o w   <sup>TM</sup>*

**Weather Shield**  
Windows & Doors



© 1998 WEATHER SHIELD MFG., INC.





All photos: Philip Jensen-Carter

“It’s still a box,” one judge said.





# *a* home *for* habitat

orlando architect ed binkley, aia, won first place  
for design excellence in *residential architect's*  
ultimate design challenge.

by meghan drueding

**W**hen Ed and Sherry Binkley moved into their first house in Nashville, Tenn., in 1987, little did they know that their 1,200-square-foot abode would inspire a design destined for national television. But then, they probably wouldn't have cared.

“But it’s a box with amenities.”



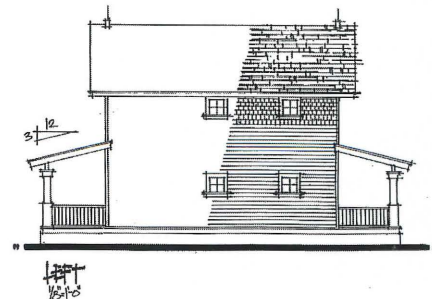
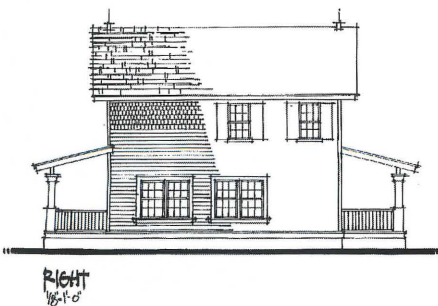
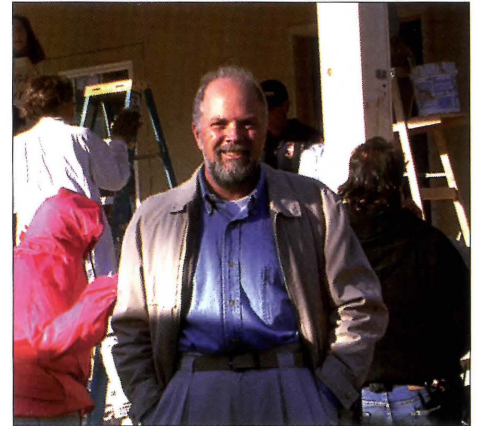
# a home for habitat



Binkley, an architect who makes his living designing high-end custom homes with The Evans Group in Orlando, Fla., did not enter *residential architect's* Homes for Habitat Design Awards because of the publicity it offered or the cash prize involved. He entered because, he says, "designing the Habitat house was a real change in pace from what I normally do. It was actually kind of relaxing." He entered because the challenge of meeting strict design and construction guidelines appealed to his sense of adventure. And he entered because he wanted to help another family live as comfortably in a small home as his did in Nashville.

## designing a winner

Responding to a call for entries that appeared in this magazine last summer, Binkley began to conceptualize the design for a house in Yonkers, N.Y., a small city 10 miles north of New York City. With Sherry's help, he recalled the characteristics that had made their Nashville home so livable—built-in storage beneath the stairs, a front porch big enough for rocking chairs or a porch swing, a study perch on the second floor. "We spent four years renovating that house from top to bottom,"



Among the volunteers were architect Binkley (top), judge Bob Vila (above right), interior designer B. Smith (above center), and homeowner Michelle Hayes (above, behind Smith and Vila).

"The architect thought about everything. Out of all





Hayes and her four daughters (top) moved into the home from a Yonkers public housing project.

300-plus "builders" came from local and neighboring Habitat chapters, sponsoring organizations and companies, and the city of Yonkers.

he says. "When we were finished, there was very little space we didn't use on a daily basis."

Efficient use of space was exactly the quality that the Homes for Habitat judges applauded in Binkley's design during the September 16th, 1998, judging in Washington, D.C. "The architect thought about everything," said one judge. "The coat hooks, the television niche, the stairwell. Out of all the entries, it's the one that does the most with the least."

Binkley's plan stretches space in simple but effective ways. Built-ins reduce the need for store-bought furniture. The upstairs bathroom features a separate vanity so that two people can get ready for work or school at the same time. Hallways are minimal, which frees up square footage for living space rather than circulation. The second-floor study loft contains under-counter bookshelves, and the kitchen has a handy pass-through for oven-to-dining-room serving. Instead of chopping up the first floor into small, single-use rooms, Binkley kept it open with a flexible living/dining/family area that makes the space look—and function—larger than it really is.

In short, Binkley's plan proves that just because a house is designed on a tight budget doesn't mean it can't be packed with utility and efficiency. "It's still a box," one judge said. "But it's a box with amenities."

### party of five

Habitat for Humanity's local affiliate in Westchester County, N.Y., selected

Michelle Hayes to purchase the house. Hayes, a medical biller and a 14-year resident of Yonkers, has four daughters: Shakeyma, age 15, Doniqua, 9, Shideara, 7, and Ebony, 5. "I was so tired of living in public housing," she says. "My kids couldn't play outside without running into drug dealers. The hallways smelled bad. I didn't want them to grow up like that." To qualify for homeownership, Hayes and Shakeyma put in more than 700 volunteer hours with Habitat's "sweat equity" program.

### building blitz

During 11 days in November, more than 300 Habitat for Humanity volunteers built the home on a vacant lot at the corner of Porach and Walnut Streets in Yonkers. Leading the group were Bob Vila, host of the nationally syndicated television show "Home Again" and a contributor to the CBS program "This Morning," and contest sponsor Premier Building Systems, manufacturer of the structural insulated panels (SIPs) used in building the home. Because producers from CBS' "This Morning" would be filming the construction for a week's worth of live coverage, the building team had a nonnegotiable time frame. "You could say we were working all day, but it was really more like all day and all night," said one volunteer.

The "blitz build," as Habitat calls it, got an enormous boost from SIPs—factory-assembled, load-bearing components made of polystyrene insulation bonded between panels of oriented

the entries, it's the one that does the most with the least."



# a home for habitat



To cut costs and building time, Binkley designed the home to accommodate standard SIP sizes.

strand board. Use of SIPs was one of the competition's design requirements (for other requirements, see page 18). Binkley had successfully used the technology several years earlier in designing a neighborhood of production homes, and more recently in a restaurant project for The Evans Group, where he's vice president of architecture.

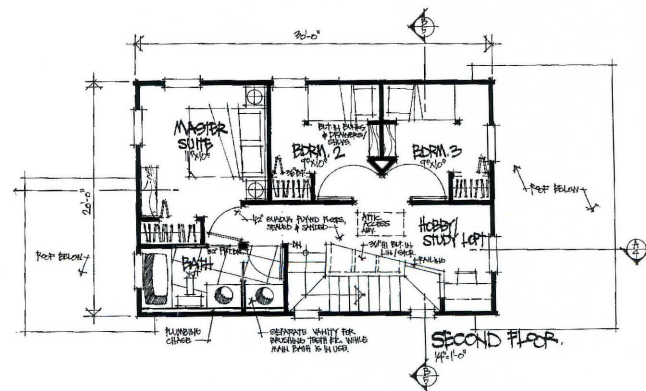
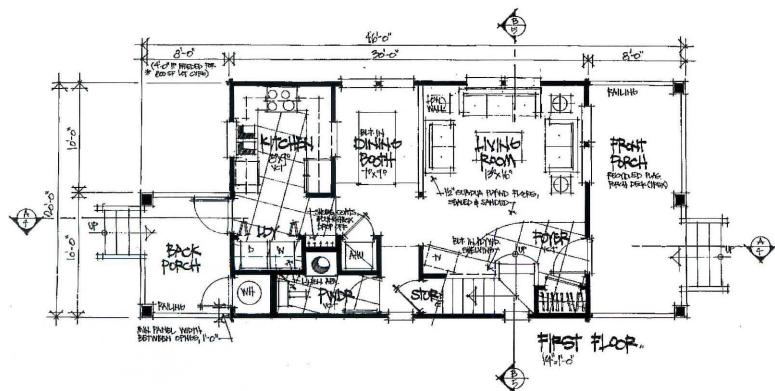
"SIPs put you weeks ahead of the time that stick frame takes," he says. "Plus, you can have vaulted ceilings very easily—you don't have to worry about extra framing and truss cords." The judges remarked on Binkley's skill in designing to standard SIP dimensions, which saved both time and money. "It did make the design process more challenging," he admits. "But in the long run it saved a lot of trouble."

## the energy angle

Energy efficiency was another consideration in the design competition. Engineering consultant Steven Winter Associates worked with the Partnership for Advanced Technology in Housing—an alliance between the White House and



Plans and drawings shown are in reverse of constructed project due to lot location.



"You could say we were working all day, but it was





private sector businesses, created to reduce energy consumption in new and existing homes—to expand on Binkley’s initial energy-saving ideas. Among the technologies used in the Habitat house: photovoltaic roof shingles, low-flow faucets and plumbing fixtures, pre-cast foundation panels, prefinished dry-wall corners, recycled-content carpeting, and decks made from sustainably harvested wood.

### getting contextual

The judges praised Binkley’s design for its sensitivity to the surrounding neighborhood of light-hued, two- and three-story frame houses. While he’d never been to Yonkers, Binkley says he tried to design the home to suit its urban, Northeastern setting. “The materials and elevation are completely appropriate for Yonkers,” said one judge of Binkley’s clapboard-sided, gable-ended design.

Yonkers has long had a reputation as a gritty, crime-ridden town with high unemployment and dismal public housing. The current mayor is trying to improve the city’s image—and quality of life—with projects like this one. “The Habitat house is a super project,” says Richard Halevy, the city’s director of public affairs. “It fits so well with what we want to accomplish in Yonkers—new housing opportunities, more jobs, more economic development.”

### a look ahead

The story doesn’t end here—at least not according to Jim Killoran, president of the local Habitat affiliate that worked with the city of Yonkers, the project’s hundreds of volunteers and contributors, and the Hayes family. His group hopes to build six more Habitat houses next door and across the street from this one. “We could make this a national model of a Habitat for Humanity neighborhood, and a catalyst to help all of Yonkers,” Killoran says. While the city and Habitat haven’t come to a final agreement, both sides are optimistic that Michelle Hayes’ home may eventually have Habitat-built neighbors.

“There’s an excellent chance that Habitat may be able to develop the rest of the lots,” Halevy says. “There are 14 different states represented in this project—that’s exactly the kind of partnership we are promoting here. It sets the tone for a future alliance.”

For Binkley, watching Killoran hand the key to One Porach Street over to Michelle Hayes and her family was well worth the many late-night hours he spent on its design. He plans to donate more time and labor to Habitat through his local chapter in Oviedo, Fla., helping the organization work towards its stated goal of “building simple, decent, and affordable housing with families in need.” *ra*



Volunteers heave a wall panel into place (top).

Thanks to large windows and a pass-through, natural light floods the living/dining/family room (above).

really more like all day and all night,” said one volunteer.



# See Spot.



## See Spot In A Whole New Light.

With the Ambiance™ Landscape Lighting System from Sea Gull Lighting, your clients will see their homes in a whole new light, too. The Ambiance™ Landscape Lighting System contains an exceptionally broad range of high-quality lighting products and components for use in virtually any outdoor lighting application. The patented component system utilizes many energy efficient light sources and lamp types. The unique design affords safe, easy-to-install, functional illumination and guarantees years of trouble-free operation.



Miniature, safe and operating at pennies a day, there is no better choice for outdoor lighting than the Ambiance™ Landscape Lighting System. And no better way to see Spot in a whole new light.

For distribution and product information, call 1-800-347-5483 or visit the Sea Gull Lighting web site at: [www.seagulllighting.com](http://www.seagulllighting.com)

LANDSCAPE LIGHTING SYSTEM  
**AMBIANCE**  
f r o m

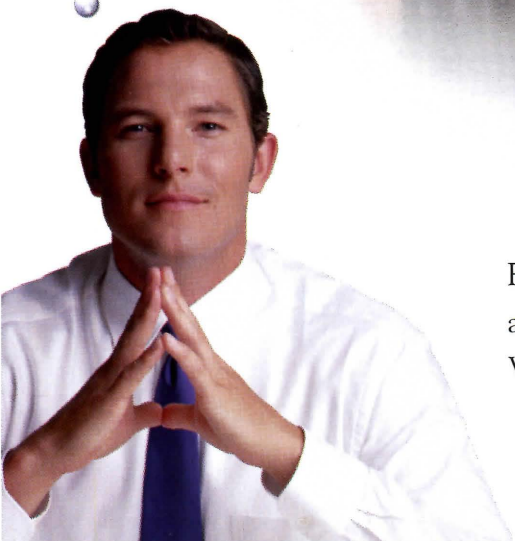


301 West Washington Street • Post Office Box 329 • Riverside, New Jersey 08075

Circle no. 20



*Because the Best Windows Are  
Built Out of Your Imagination*



For a FREE catalogue on Kolbe & Kolbe wood windows  
and doors, call 1-800-955-8177 or visit us on the World  
Wide Web at [www.kolbe-kolbe.com](http://www.kolbe-kolbe.com).

Circle no. 277



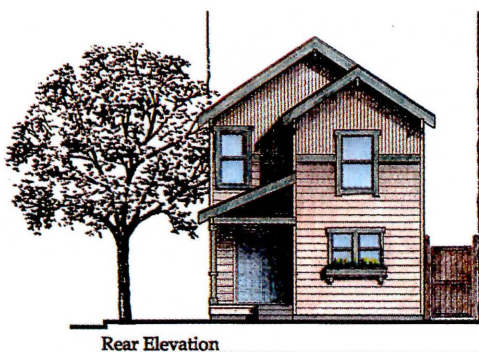
**Kolbe & Kolbe**  
Millwork Co., Inc.



# homes for habitat

pyatok associates  
oakland, calif.

*second-place award for design excellence*



Pyatok Associates produced a well-organized floor plan with large, flexible common areas.

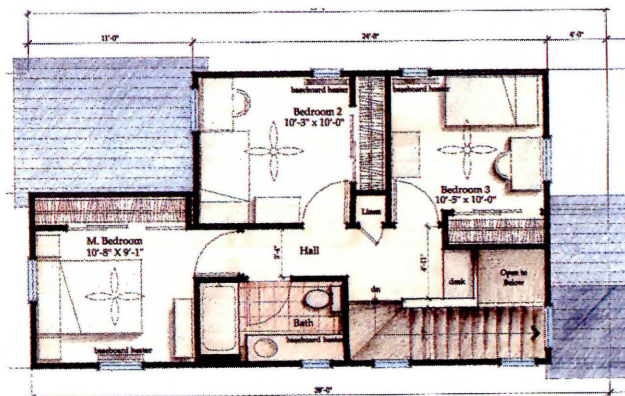
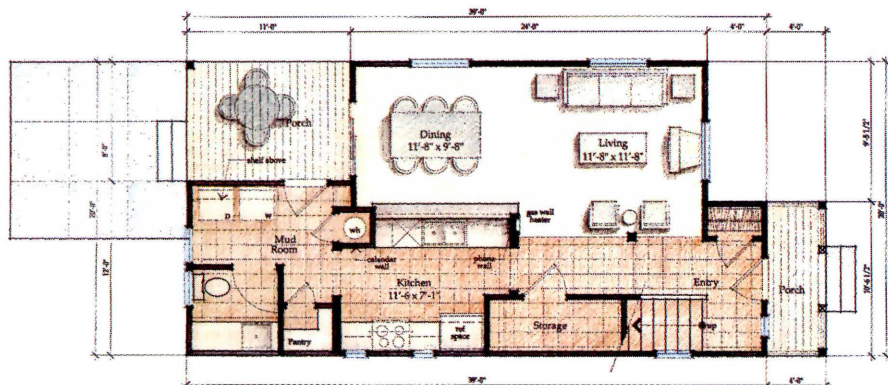
The team at Pyatok Associates, a firm specializing in affordable housing, designed their entry around the experiences of everyday life. The Homes for Habitat judges gave it high praise for its sensitively designed floor plan. "The architect obviously thought a lot about the needs of the people who will be living there," said one. "The second floor has great closets, and I like the kitchen pantry and storage."

To meet the competition's goal of construction simplicity, the Pyatok team produced an uncomplicated, well-organized floor plan. Common areas are large and flexible. The dining and living areas are an uninterrupted rectangular space, resulting in a "great room" with useful furnishing options and glazing on three sides. A half-wall separating the kitchen and dining room hides kitchen appliances and clutter without blocking sightlines between rooms.

Should residents desire a distinct kitchen, the wall can easily be extended to the ceiling. A mudroom off the kitchen provides transition space to the outdoors. It houses a washer and dryer, powder room with large utility sink, and extra storage space.

To achieve maximum bedroom size, the entrants limited two-story volume and upstairs circulation space. Bonus storage space above the closets takes advantage of the second floor's sloped ceiling.

The team also addressed cost efficiency and energy savings by using a 4-by-4-foot grid throughout and specifying 4-by-8-foot structural insulated panels (SIPs) rather than larger panels to reduce or eliminate the need for a crane during construction. Plumbing is located in interior walls or crawl spaces to keep pipes in heated and cooled space, and to avoid interrupting the panels unnecessarily. The house is designed without trusses so that typically unused







attic space can be re-allocated to living areas. Baseboard heaters are located to restrict thermal infiltration and target heat in occupied areas of the home.

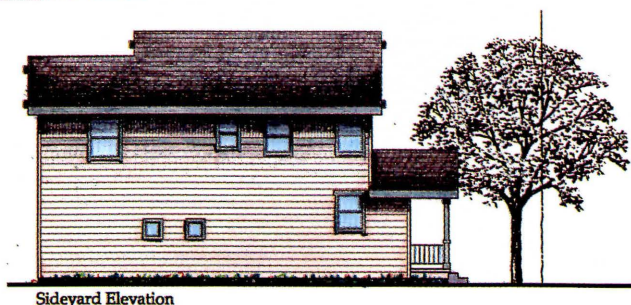
With its front porch, synthetic siding, and gently pitched gables, the Pyatok team's winning design fits the context of Yonkers. Yet with minor changes of material or structure it adapts well to other locations—a real plus to the judges, considering Habitat for Humanity's international outreach.

**design team:**

Thea Bennett, Robert Frick, Leah Hall,  
Stephen Poon, Alex Salazar

**advisors:**

Michael Pyatok, Peter Waller



Gently pitched gables and a front porch make the design appropriate for its Yonkers neighborhood.





looney ricks kiss architects  
memphis, tenn.

*citation of merit for design excellence*



The design team at Looney Ricks Kiss Architects submitted three related plans—essentially a neighborhood of modest, well-designed houses. Their goal was to address different household compositions by offering flexible room options within similar footprints. Elevations were designed to be interchangeable from plan to plan to create variety on the street. The plans could even be attached as duplexes.

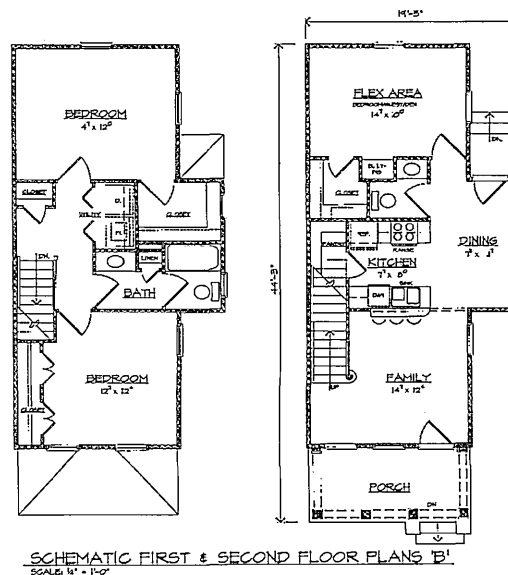
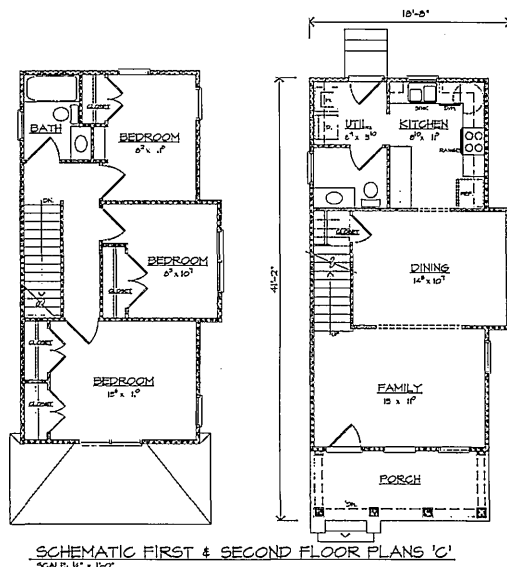
The judges considered each plan separately, giving an award to a plan with three upstairs bedrooms. But they applauded the entrants' focus on flexi-

bility and affordability in all three submissions.

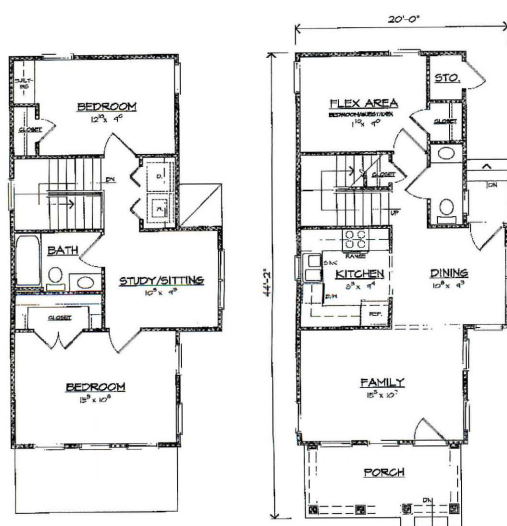
Deep front porches extend living space outdoors on all three houses, providing a connection to the surrounding neighborhood. Two plans feature flexible back rooms that could be used as a bedroom, play area, or den. In those plans, the kitchen and dining area are in the center of the house, with side doors providing secondary access from the street.

The winning design is the most family-oriented of Looney Ricks Kiss' three submissions. It sacrifices that first-floor flexibility in favor of a kitchen over-

Of the three related plans submitted by Looney Ricks Kiss, the judges liked "Plan C" best; it features a kitchen overlooking the backyard and a family-size dining room.







SCHEMATIC FIRST & SECOND FLOOR PLANS 'A'

SCALE: 1/8" = 1'-0"

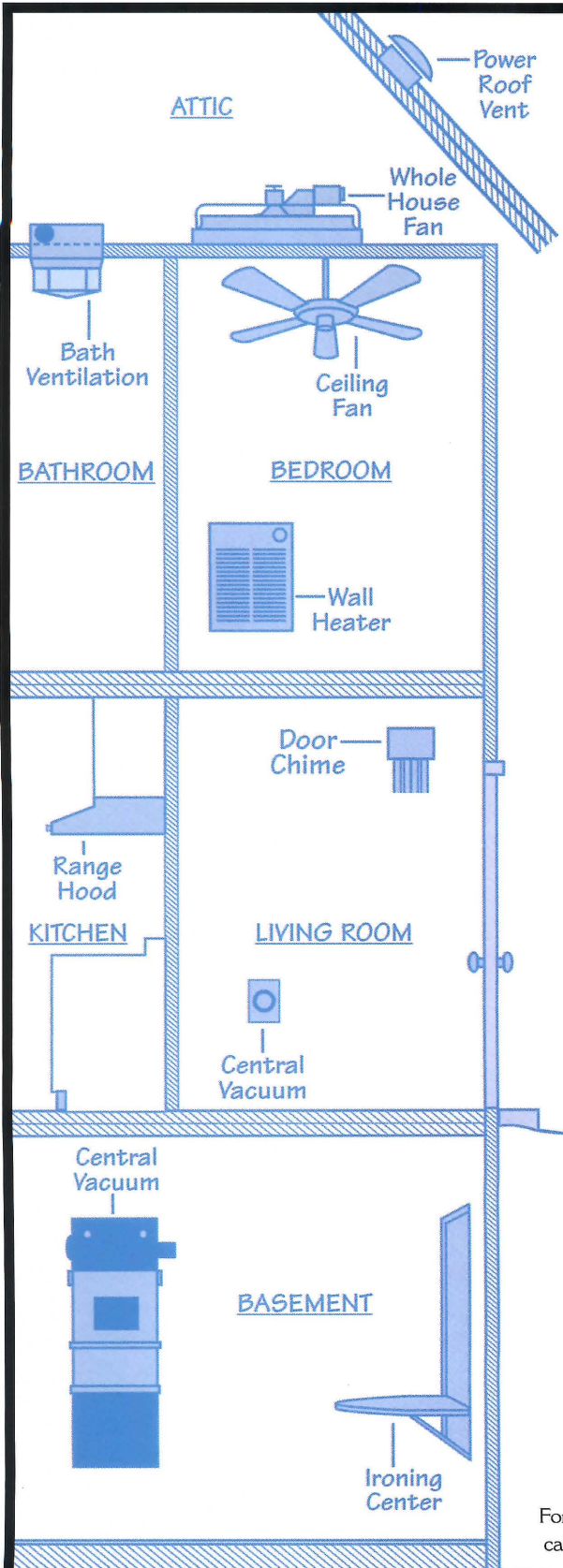
looking the rear yard where children are likely to play; a laundry room/mudroom provides access to the backyard. And this plan's family-size dining area is larger than that of the other two plans, creating greater openness throughout the first floor.

The winning plan has three upstairs bedrooms—again, the most efficient arrangement for households with children. Of the nonwinning submissions, one has two larger upper bedrooms with more closet space, plus the down-

stairs bedroom option. The other non-winner has a second-floor study—too small, unfortunately, to function as a third bedroom.

Looney Ricks Kiss designed all three plans to be built using SIPs and engineered wood joists. Walls and plumbing stack for maximum construction efficiency. And the designers recommend using aluminum or vinyl siding for cost-effectiveness and ease of maintenance.





## FROM TOP TO BOTTOM, PATTON® HAS YOU COVERED.

And you can count on Patton's quality workmanship because our full line of building products enjoys the same quality standards that we've put into our industrial line of products for over 50 years.

In addition to all the core items you need, Patton offers a variety of fashionable styles based upon homeowner tastes and opinions. These items give you the opportunity to address what today's consumer is looking for: quality with fashionable design.

You also get the reassurance that any question you have about a Patton product will be addressed by a fully staffed customer service department.

So think Patton Building Products and see how refreshing building products can be.

**PATTON®**  
BUILDING PRODUCTS



For more information  
call 1-800-334-4126.







IT'S CONSIDERABLY MORE  
**BAUHAUS**  
THAN  
**OUTHOUSE.**

The exhibit: the Savona® toilet. The lines are clean, the design straightforward. Yet there's a certain...voluptuousness to it that sets it apart from the merely utilitarian. To learn more call 1-800-524-9797, ext. 503. [www.americanstandard-us.com](http://www.americanstandard-us.com). *American Standard*



# homes for habitat

## brian easley and christi blau atlanta

### *citation of merit for design excellence*



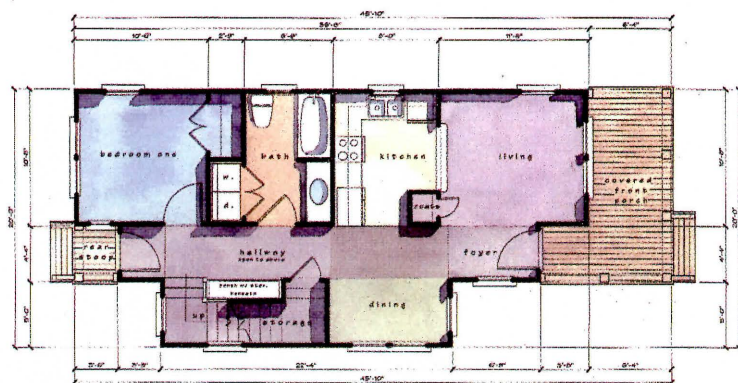
he judges questioned the construction efficiency of this entry. But they awarded it a citation of merit for its thoughtful design details and its consideration of energy savings.

Brian Easley and Christi Blau, both intern architects, took full advantage of the home's corner lot. A deep wrap-around porch relates to both streets, as does the dining room with its corner windows. One-and-a-half story volume in the dining room and an open stair expand the house visually. Easley and Blau located one of the home's three bedrooms on the first floor to accom-

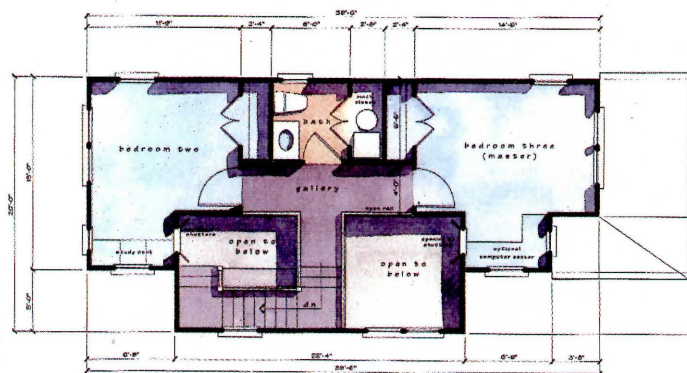
modate a physically challenged resident. The full bath and laundry also are located on the main floor; both the kitchen and bath provide adequate turning radii for a wheelchair.

Other thoughtful design details include a storage bench in the stairwell where residents can drop off purses, ball gloves, and backpacks when returning home. Each of the upstairs bedrooms has an alcove that can house a desk, television, or chest of drawers. Shuttered openings connect these private alcoves to the first floor.

The entrants suggest board and batten as an inexpensive, easily installed

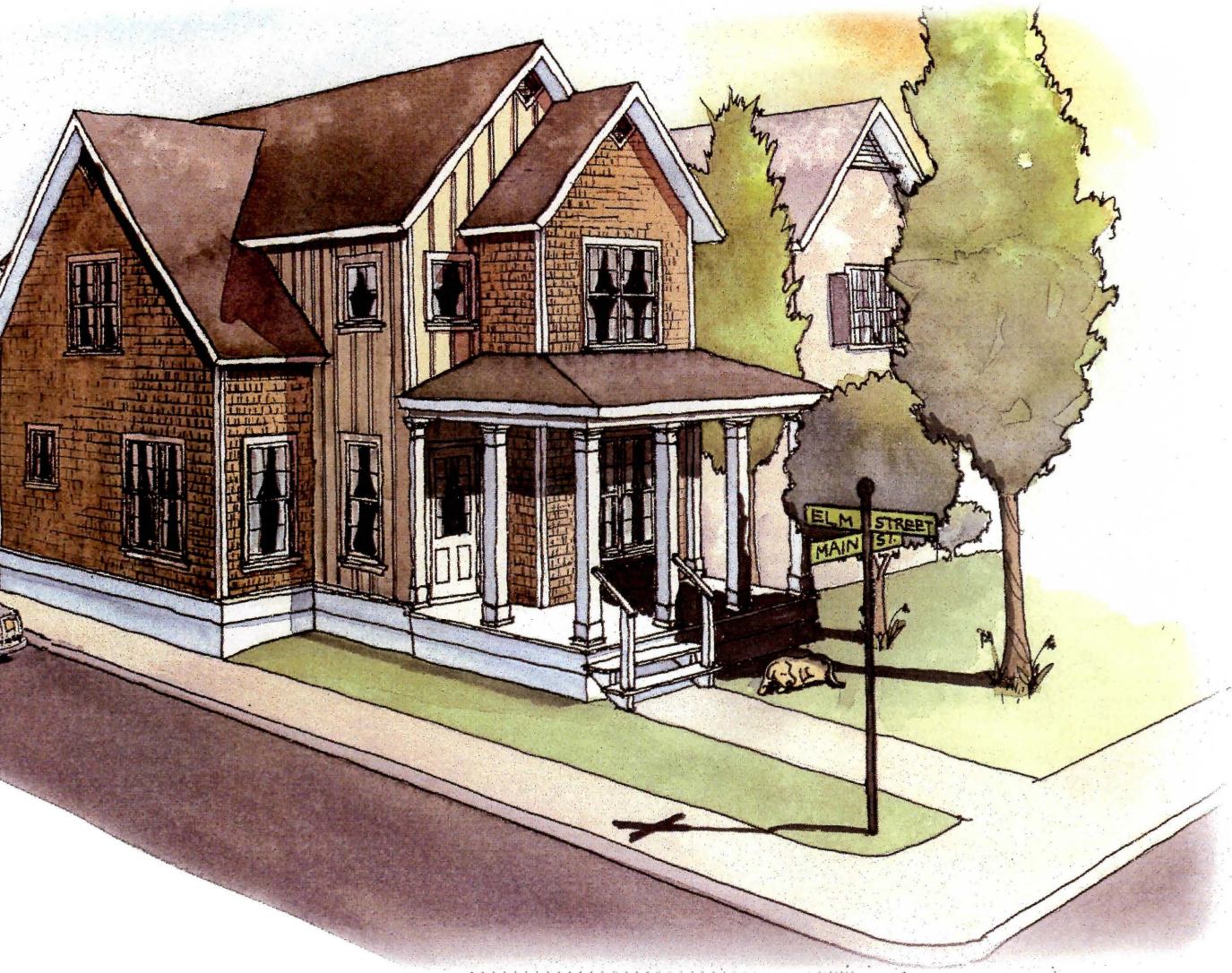


Main Floor Plan (675 sq. ft., 800 sq. ft. lot cover) Scale: 1/4" per foot

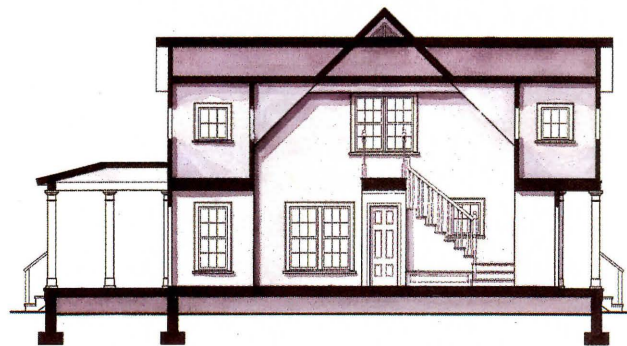


Upper Floor Plan (500 sq. ft.) Scale: 1/4" per foot





material for the home's exterior, coupled with panels of preassembled and preprimed wood shingle siding. The house is designed to be built with engineered lumber and SIPs. The HVAC unit is located upstairs so that the natural convection of hot air rising up through the open section feeds directly into the return air grille in the upstairs hall. The front and rear doors align to a breezeway for air circulation.



Section Scale: 1/4" per foot

Easley and Blau took advantage of the home's corner lot with a wrap-around porch that relates to both streets.



# homes for habitat

peter j. musty,  
peter musty architecture  
& urban design  
*minneapolis*  
and r. john anderson,  
anderson lamb & associates  
*st. paul, minn.*

## *citation of merit for design excellence*

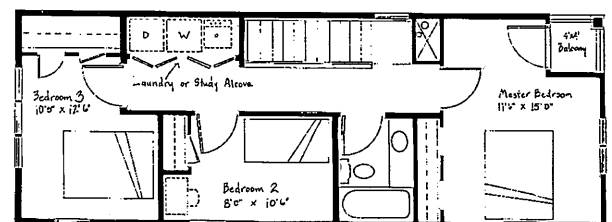
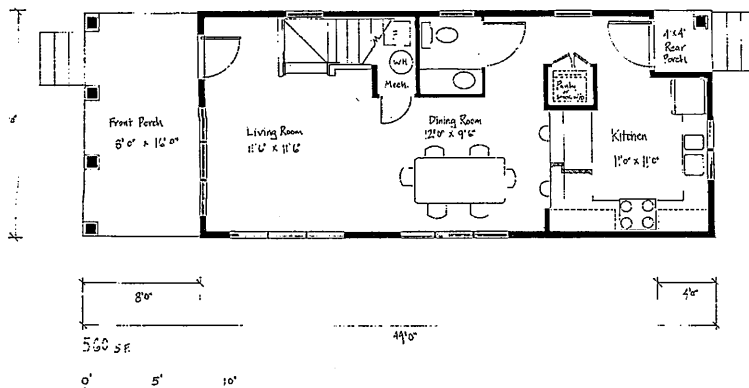
**t**o maximize privacy between houses in a dense urban setting, entrants Peter Musty and R. John Anderson designed a plan that's only 16 feet wide. The 8-foot-deep front porch becomes an outdoor room, sheltered by the second-floor overhang.

The judges selected this design for an award because of the simplicity and openness of its floor plan. The first floor is a single large space with a kitchen overlooking the rear yard and a small back entry porch. The owners' bedroom, located at the back of the upper level, includes a small balcony

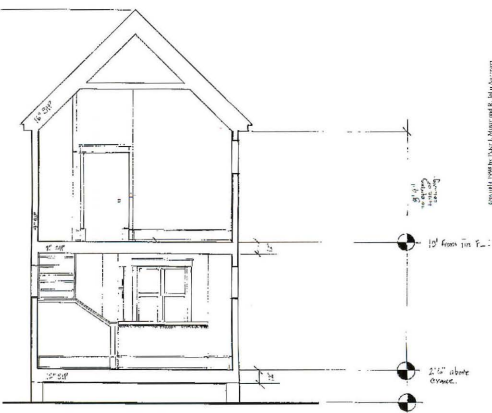
perched atop the porch below.

Flexible spaces on both levels can house a stacked washer and dryer. If the appliances go upstairs, the downstairs space can be used as a pantry. If the washer and dryer are installed on the first floor, the upper space functions as a study alcove.

The entrants specified SIPs for the roof, walls, and floors. And they suggested a range of exterior finish options. Siding can be fiberboard, fiber cement, aluminum, or vinyl. Front porch columns can be finished with 2x8s or brake-formed white aluminum.







A second-floor overhang shelters the house's 8-foot-deep front porch. On the rear elevation (near left), a balcony perches atop a small back entry porch.



# ***..hic.. Home Has The Beam.***



*New homes with built-in Beam Central Cleaning Systems have a history of selling faster for a faster return on your investment. Why? Because buyers perceive Beam homes as possessing superior quality.*

*A Beam Central Cleaning System distinguishes your homes from others. It's the low-cost amenity consumers request, the amenity that adds value beyond its price. Its warranty, the best in the industry, guarantees years of floor-to-ceiling cleaning power.*

*Turn your houses into homes more quickly with Beam, the extra amenity that raises the value and the potential of any property.*

**BUILD IN A  
BEAM  
FREE!**



**Beam's Builder Program  
allows you to add a Beam  
Central Cleaning System  
to your model home free!  
See your local Beam  
dealer for details.**

CENTRAL CLEANING  
**BEAM**<sup>®</sup>  
SYSTEMS

*The World's #1 Central Cleaning System*

Circle no. 95

*P.O. Box 788 • Webster City, IA 50595 • 1-800-369-2326 • [www.beamvac.com](http://www.beamvac.com)*



# *The magic of Crossville...*



## *transforming houses into homes.*

Nothing makes your homebuyer feel quite so welcome as **porcelain stone** from Crossville. A beautiful alternative to marble and granite, porcelain stone – along with **Questech® Metals** – combines superior performance with an astounding array of design possibilities.



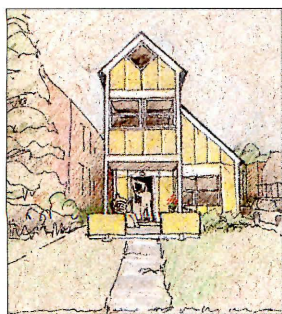
For more information  
about Crossville's Residential Products  
call 1-800-221-9093, ext. 8001





colin m. cathcart,  
kiss + cathcart, architects  
new york city

*honorable mention for presentation*



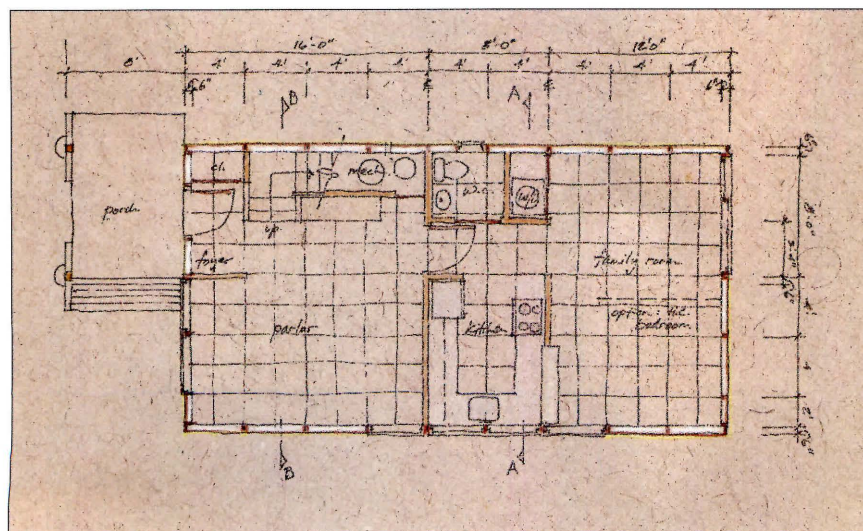
For this entry, a simple brown cardboard wrapper unfolded to reveal a series of detailed drawings that earned architect Colin Cathcart an honorable mention award. Cathcart produced ink drawings in muted earth tones on oatmeal-textured paper. His annotations are in graceful script rather than typical architectural lettering.

Open attic volume achieved through SIP construction allowed Cathcart to give the house a third level of living space. Thus, areas that would be lost to rafter framing in typical construction are reclaimed for sloped-ceilinged stor-

age, study, and play lofts. These spaces increase neither the overall enclosed volume nor the square footage (where head heights are below 7 feet), but greatly increase the sense of interior spaciousness.

The off-center shift of the roof rises from a 9-foot eave along the side street to a 24-foot ridge. Cathcart balanced the asymmetry by centering the roof gable on the porch and front door. The entire house is planned on a 4-foot module to realize the cost benefits of SIP construction.

The house can accommodate passive solar design by expanding the windows on the southeast side. Warm water tubing embedded in the slab-on-grade will enhance the slab's performance as a thermal mass. Cathcart suggested rooftop photovoltaic panels as an energy source, especially since New York state provides financial subsidies and allows for net metering.



Cathcart earned praise for his attractive presentation. In addition to the floor plan shown here, his entry included floor plans for the second and third stories.



THE KITCHENAID® KITCHEN IN BISCUIT.

IT'S *not exactly* WHITE.  
IT'S *not exactly* ALMOND.  
IT'S EXACTLY  
*what your clients are looking for.*



Black  
White  
Almond  
BISCUIT



**BISCUIT**, our latest appliance color, is hard to describe — and harder to forget. It's warmer than white, more subtle than almond, and blends with any kitchen décor. KitchenAid is the first to offer appliances in this contemporary neutral color, already popularized in Kohler® and DuPont CORIAN® products.

**BISCUIT** is available in a full line of KitchenAid appliances. Best of all, with our heritage of enduring quality, you know you can recommend KitchenAid to your customers with confidence — and when all's said and done, that's exactly what you're looking for.



[www.BuilderAppliances.com](http://www.BuilderAppliances.com)  
[www.KitchenDesigners.com](http://www.KitchenDesigners.com)  
1.800.253.3977

KitchenAid® is a registered trademark of KitchenAid, U.S.A.  
Kohler® is a registered trademark of Kohler Co.  
CORIAN® is a registered DuPont trademark. Only DuPont makes CORIAN®.



# homes for habitat

## baylis brand wagner architects bellevue, wash.

### *honorable mention for presentation*

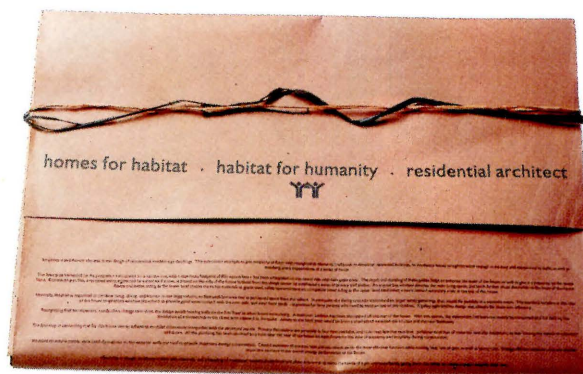


The judges awarded this entry for its presentation, which reinforced the design's emphasis on simplicity and energy efficiency. The team at Baylis Brand Wagner presented their design on earth-toned brown and green boards wrapped in plain brown paper. The project statement runs along the outside of the wrapper, which was

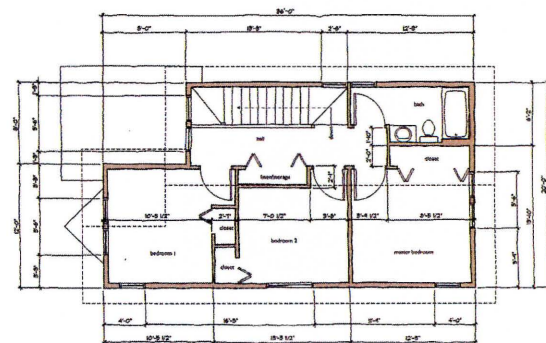
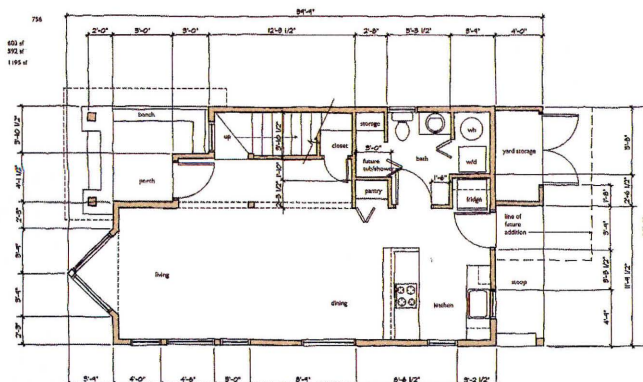
tied together with raffia.

The street façade of the house they designed has two gable ends, with a recessed entry protected by a shed roof. The architects specified board-and-batten siding at street level, with less expensive, low-maintenance composite bevel siding above. SIPs on the exterior walls and roof provide maximum energy conservation. Panels are in 2-foot and 4-foot dimensions to minimize waste.

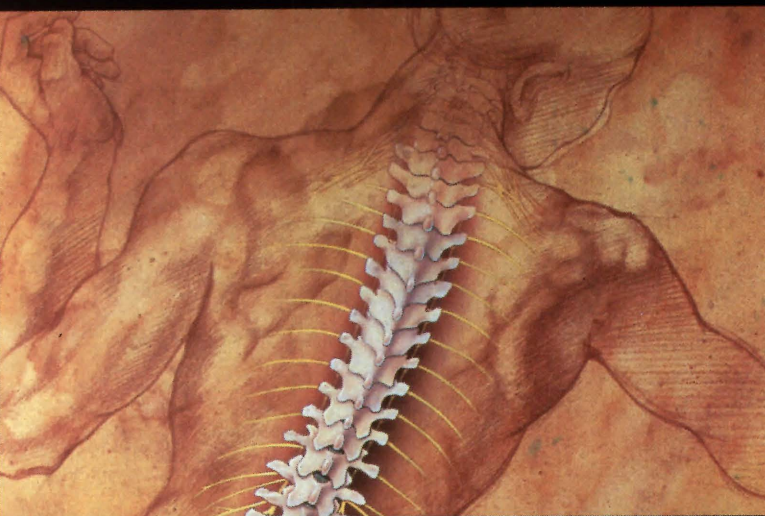
The floor plan combines the living room, dining room, and kitchen into one large space that can comfortably accommodate large family gatherings. The open plan gives the kitchen outdoor views on three sides—particularly important for busy parents who need to keep an eye on children playing outside. To make future remodeling easier and less expensive, the design team avoided interior bearing walls on the first floor.



To simplify future remodeling, the design team avoided first-floor interior bearing walls.







I N S P I R A T I O N

I N N O V A T I O N

## Benchmark44™ Vinyl Siding. With the backbone to perform over time.

### Patented, Award-Winning Reinforcement System



Benchmark44's composite fiber-glass Stabilizer™ rod works like a backbone, so panels lay straight and stay straight for the long term. Rigidity makes it easier to handle; fewer damaged panels on the job.

### Deep Channel and Lock

With Wolverine's channel and lock system, panels snap positively into place. Walls go up faster and stay attractive longer.

### PermaColorPVC™ Resin Formula

Wolverine's proprietary resin and blending system assures Benchmark44's color permanence and low-maintenance endurance.

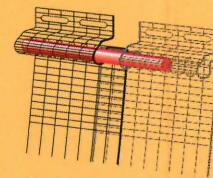
### Wide Selection of Profiles and Colors

D4" and D5" clapboard and D4.5" dutchlap profiles in a low-gloss cedar grain finish are available in 13 popular colors. Benchmark44 passes Vinyl Siding Institute testing for product uniformity, weatherability, heat shrinkage and impact resistance.

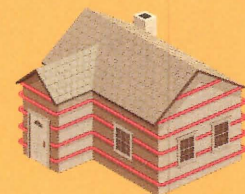


### The Wolverine Exterior Design System

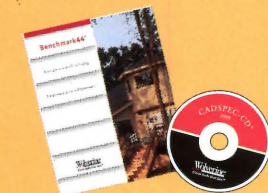
With Wolverine soffit and Restoration® decorative panels and trim, Benchmark44 forms a complete exterior design system.



*For LapLock™ installation, slide the StabilizeR rod from one panel into the next.*



*Using LapLock, Benchmark44 works like a "rebar" all around the house.*



*For more information and free CADSPEC-CD™, call the Wolverine Sales Support Group at 888-838-8100.*

A Quality Brand of CertainTeed Corporation

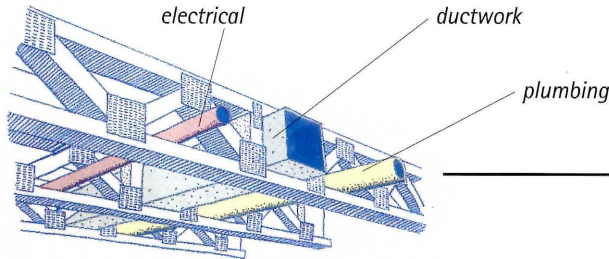
**Wolverine**  
VINYL SIDING

Great looks that last.™

Circle no. 28



OPEN WEB  
DESIGN



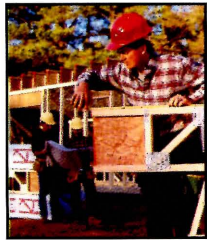
We offer full  
engineering  
support,  
including  
layout  
drawings.



As soon as you consider all the benefits we've built into our product, you'll soon figure out why so many builders value TrimJoist™ technology.

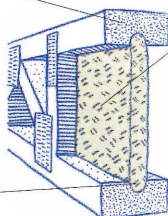
It's pretty simple, actually. TrimJoist™ offers improved support and superior design.

Our site-trimmable joist eliminates the need to wait for custom manufacturing. We also feature convenient open web construction that provides floor cavity access for plumbing, electrical and duct



TrimJoist™ ends allow on-site trimming for a truly custom fit... without the wait.

wide 3 1/2"  
nailing  
area



unique  
curved  
grooves

END VIEW

trimmable  
end



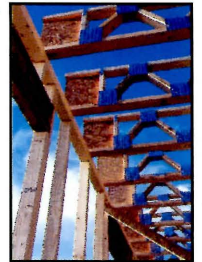
Discover why TrimJoist™ fits perfectly into your plans for offering customers a top quality product that also supports your interests.

work. Plus, a TrimJoist™ can span up to 30 feet, thanks in part to its

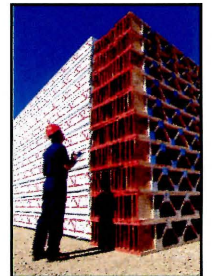
strong truss-like construction, consisting of Southern Pine cord material.

These key advantages emphasize the high quality you can expect from TrimJoist™, a trusted leader in floor truss technology. We've been tested (and proven) by builders across the country.

Call us toll free at (800)844-8281 to learn more about TrimJoist™, and you'll see why so many builders (and their clients) say we fit nicely into their plans.



Easy to install, TrimJoist™ provides excellent support, even in long span applications.



Your TrimJoist™ retailer stocks an array of sizes, from 11 1/4" to 18" depths.

PATENTS PENDING

For more information, call toll free  
1-800-844-8281.

**TrimJoist**  
ENGINEERED WOOD PRODUCTS

Visit our web site at:  
<http://www.trimjoist.com>





# Reality? Check.

Our realistic flames look more convincing than ever.

Heat-N-Glo's new 7000XLT gas direct vent model also offers your customers a larger viewing area than competitive units. A full refractory lining creates an authentic masonry look. Plus it has the highest BTU rating of up to 38,000.

For more information on other features including the climate control option, call us at 1-888-427-3973.

Circle no. 261

**HEAT-N-GLO**  
*No one builds a better fire*

HEAT-N-GLO, A division of Hearth Technologies • 20802 Kensington Blvd., Lakeville, MN 55044 • (612) 985-6000 Fax (612) 985-6001 E-Mail us at: [info@heatnglo.com](mailto:info@heatnglo.com) • Visit our web site at [www.heatnglo.com](http://www.heatnglo.com)



# homes for habitat

steven lamothe

*buffalo, n.y.*

and ken mackenzie

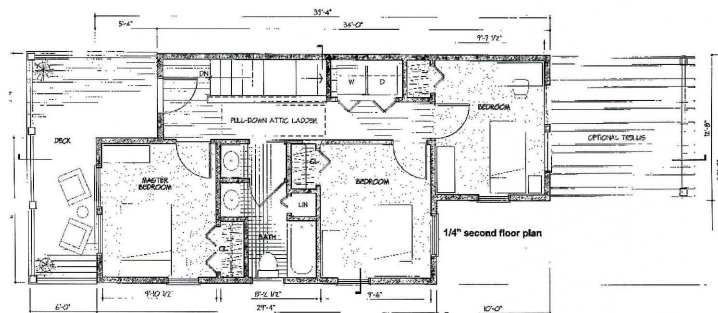
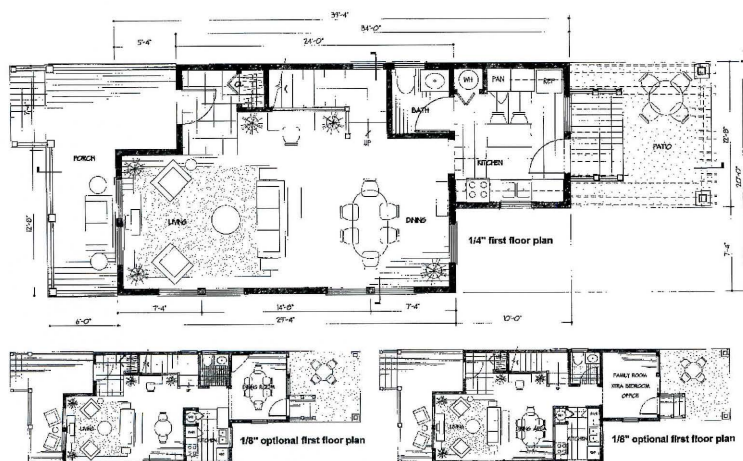
*audubon, n.j.*

a double-decker front porch and a covered rear patio expand living space in this house. Entrants Steven Lamothe and Ken Mackenzie designed three different plan options for the first floor. Each features a front porch and an open living room, with a flexible rear room that could function as a dining room, bedroom, den, or office—or that could be used to enlarge the kitchen.

The upper porch serves all three bedrooms. A bath with separated double vanities provides a privacy buffer

between the owners' suite and two secondary bedrooms.

Lamothe and Mackenzie addressed cost savings, energy efficiency, and ease of construction by specifying SIPs for the roof, walls, and floor. Poured-in-place concrete spot footings support the engineered lumber beams that lie beneath the first-floor structural insulated floor panels. The designers specified fiber-cement clapboard siding and autoclaved, aerated concrete clip-on skirt panels for their durability and ease of installation.

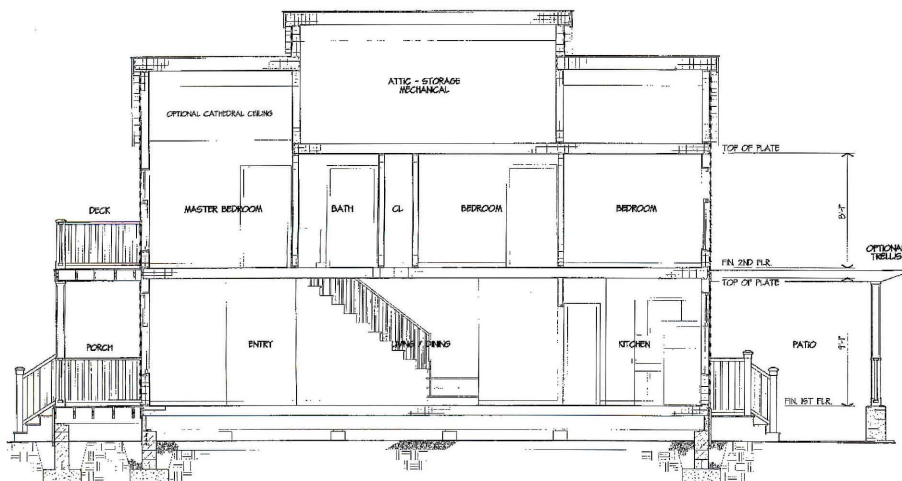






A double-decker front porch and a covered patio in back of the house expand living space.

The entrants provided three different plan options for the first floor (far left).





# homes for habitat

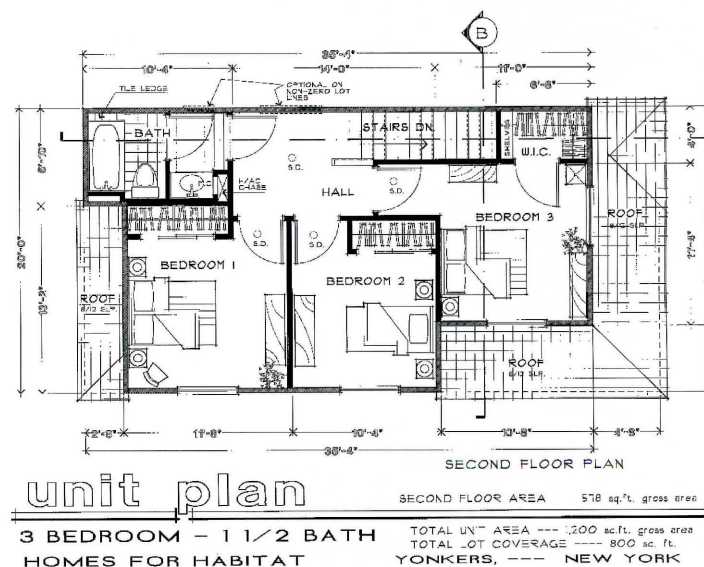
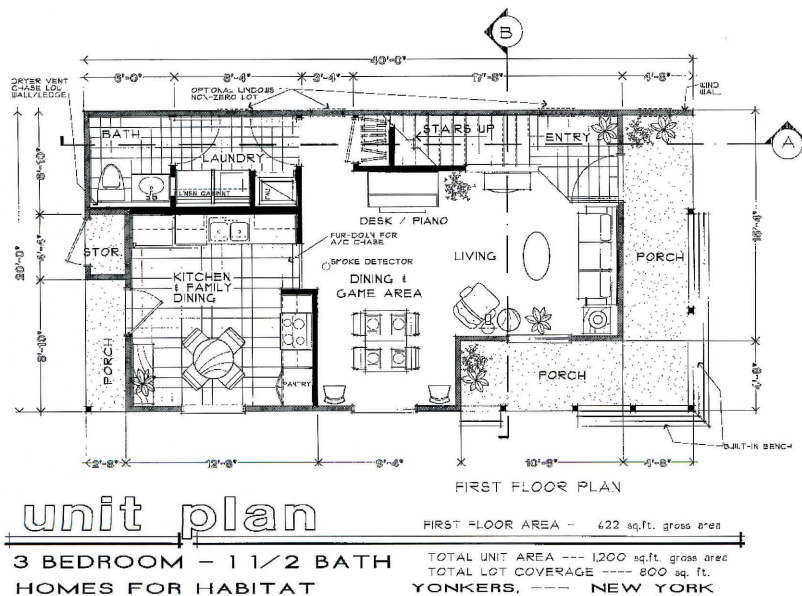
ralph c. bender,  
gonzalez newell bender  
*san antonio*

**f**loor plan flexibility drove this design. The main level contains a large, L-shaped living space that residents can configure to include a dining area and study. The kitchen is large enough to contain a breakfast area, and adjoins a spacious laundry room with a utility sink. Built-in benches on the wrap-around porch provide extra seating.

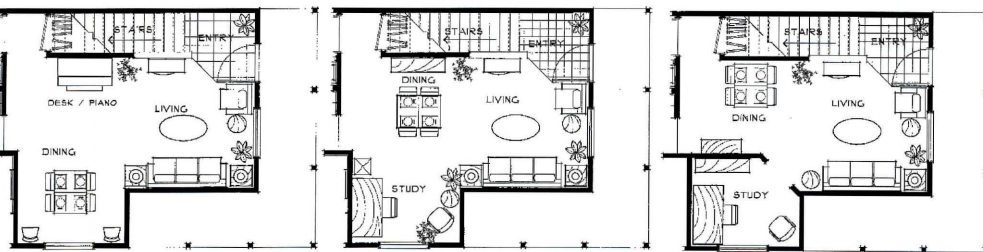
The home's three upstairs bedrooms have large windows for light and ventilation. Additional windows are optional, depending on the proximity of the neighboring house. A large landing at

the top of the stairs reduces hall space and facilitates furniture move-in. The bathroom contains a separate vanity so that two people can get ready for work or school at the same time without sacrificing privacy.

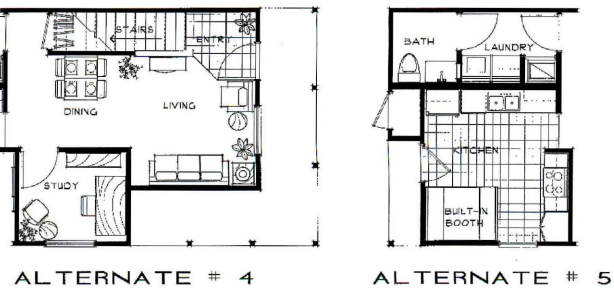
Entrant Ralph Bender recommended optimum lot orientations to take advantage of summer breezes and protect against winter winds. The roof and walls are SIPs. A single plumbing core serves the kitchen, utility room, and both bathrooms. Low-flow toilets, shower heads, and faucet aerators cut down on water waste.







Bender's design includes a variety of alternate space-utilization plans.





# houses for habitat

## university of notre dame school of architecture

*notre dame, ind.*



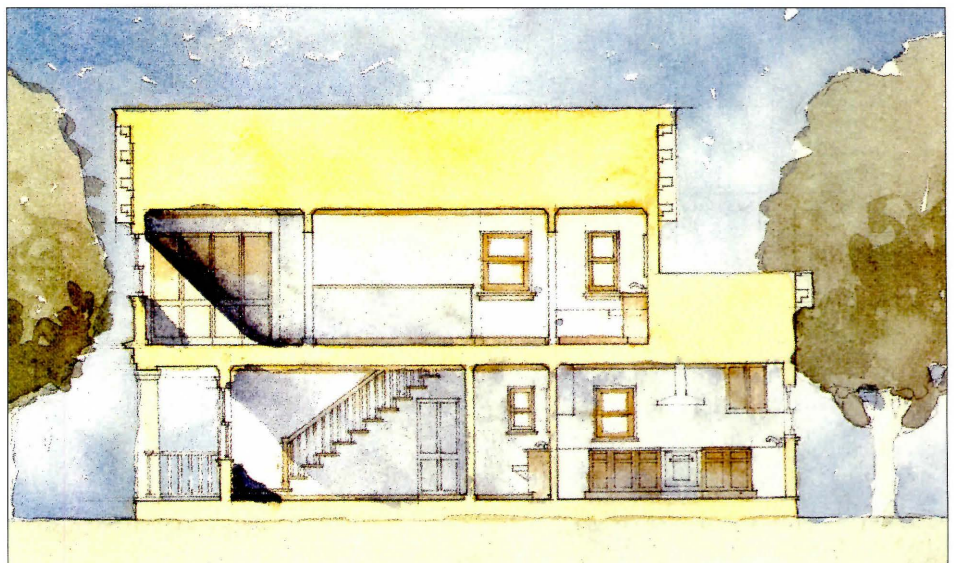
The primary goal of the four Notre Dame architecture students who designed this house was to define public and private zones within the context of the surrounding neighborhood. Porches were fundamental to their design, as places for children to play and neighbors to visit. So the students gave the house both a classically columned front porch and a side porch that shelters a secondary entry.

The team located gathering rooms—the living and dining rooms—along the plan's street edge to achieve a visual

dialogue between the residents and the neighborhood. The arrangement also allows extra sunlight to penetrate these important rooms.

The upstairs bathroom is located above the kitchen so the two can share a plumbing wall. While the judges questioned the plan's overall construction efficiency—an aspect left largely unaddressed by the students—they agreed that the design has a pleasing street elevation. Indeed, the home is simple, traditional, and easily modifiable.

A large front porch and a smaller side porch shelter the house's two entrances.



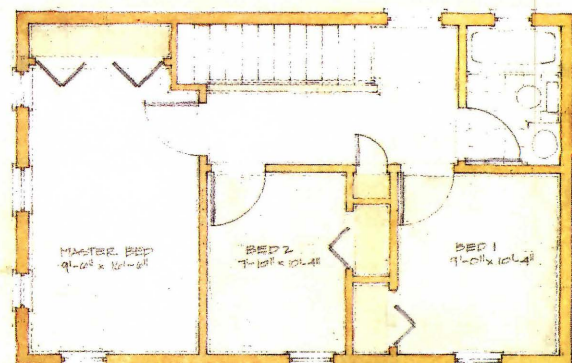
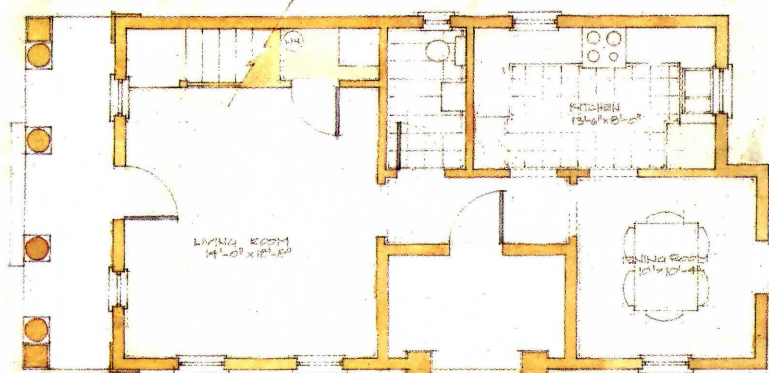




PERSPECTIVE

**design team:**  
Kevin Buccelato, Tom Larminer,  
James Leslie, Kimberly Raspanti  
**advisor:**  
Professor Duncan Stroik

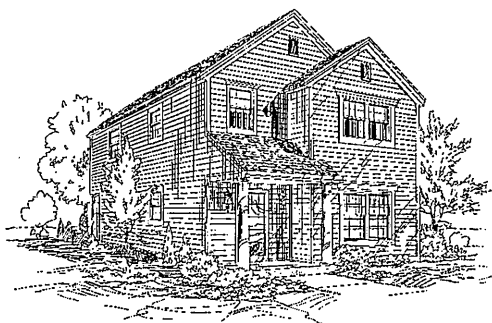
The judges  
commended this design's  
pleasing street elevation.





# homes for habitat

## liska associates *milwaukee*

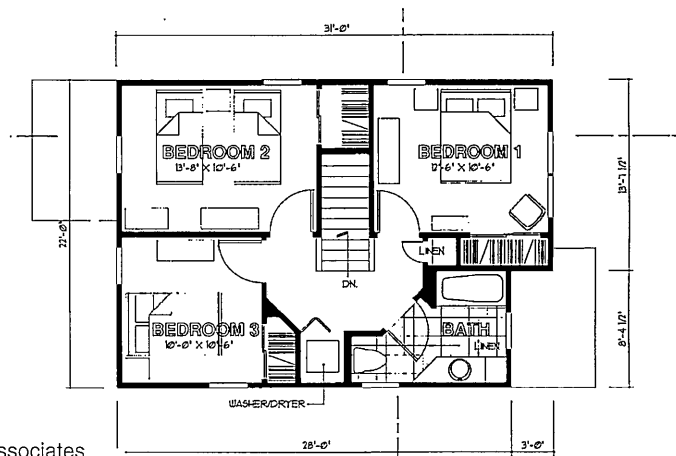
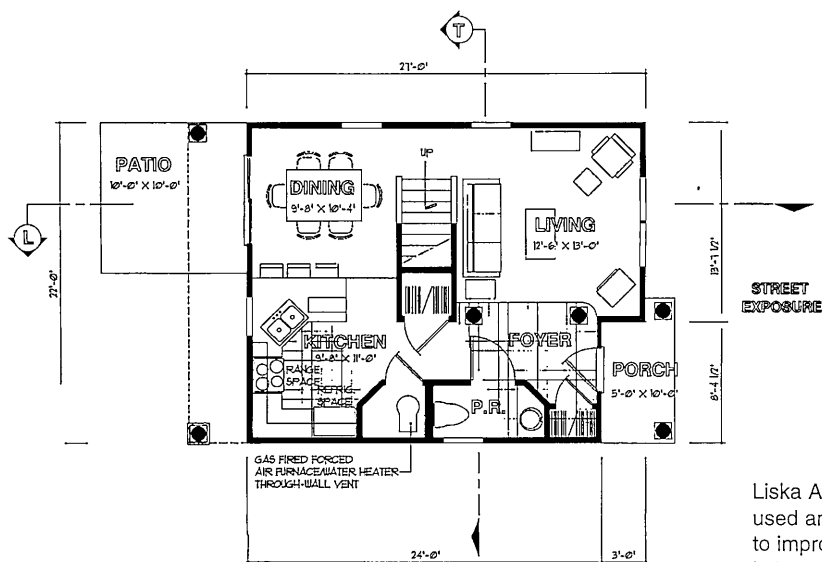


Liska Associates based its design on a simple box with defined living spaces. The house has a distinct foyer set off by columns. A central stair separates living and dining areas. Angled walls promote easy circulation and are a pleasing alternative to 90-degree corners. To expand the interior visually, the architects suggested a monochromatic white color scheme. A covered front porch and a concrete rear patio sheltered by a second-floor projection extend living space to the outdoors.

Plumbing is zoned in one area for

cost efficiency. The washer and dryer are stacked in an upstairs laundry closet. The architects specified SIPs for the exterior walls, with clear-span floor and roof trusses. The house has no interior bearing walls; the trusses are easy to erect and expedite the installation of mechanicals.

The firm also considered aesthetics in its design, selecting composite siding and trim material to distinguish this house from manufactured housing. Not knowing the exact context of the neighborhood, the architects chose a neo-traditional style for the exterior.



Liska Associates used angled walls to improve circulation and provide visual interest.



# Kitchen?

No matter what a decorator does to camouflage it, the empty hole just won't go away. So why not turn it into a profit center? Research\* in 15 major U.S. markets showed that 85% of first-time home buyers and 63% of move-up buyers purchased a new refrigerator. Don't walk away from all that profit. Call the GE Answer Center,® 800.626.2000.



# Custom Kitchen.

GE has an exclusive line of CustomStyle™ refrigerators that make it easier than ever to achieve the beautiful *built-in look* of a custom kitchen. Sleek new models are available in both top-freezer and side-by-side designs. Shown here is the all-new GE Profile Performance™ CustomStyle top-freezer model with a custom panel kit.



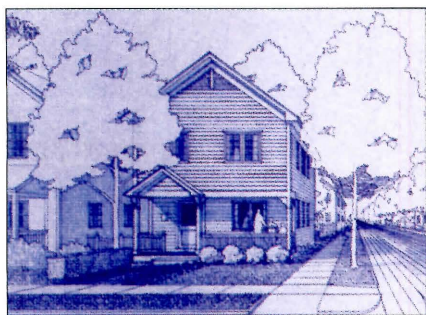
*We bring good things to life.*





# homes for habitat

## beveridge architects *clinton, n.j.*

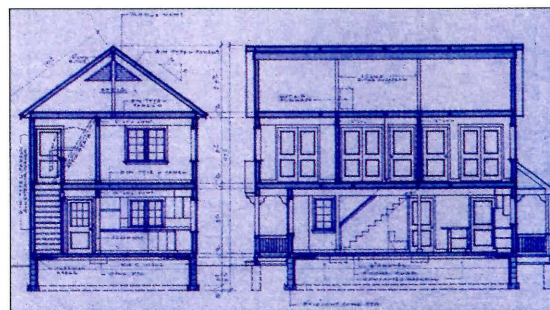
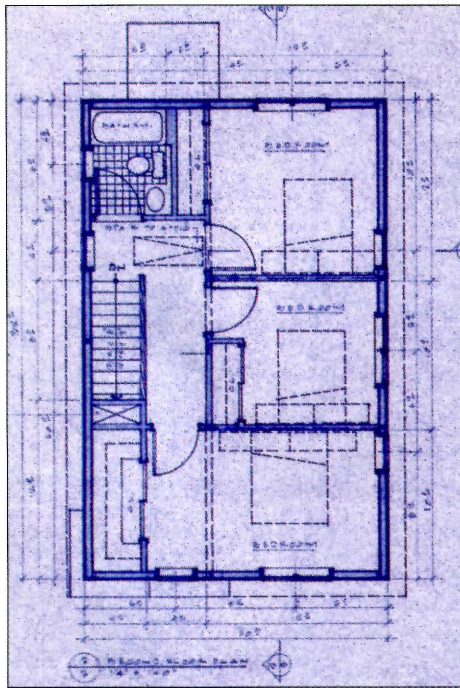
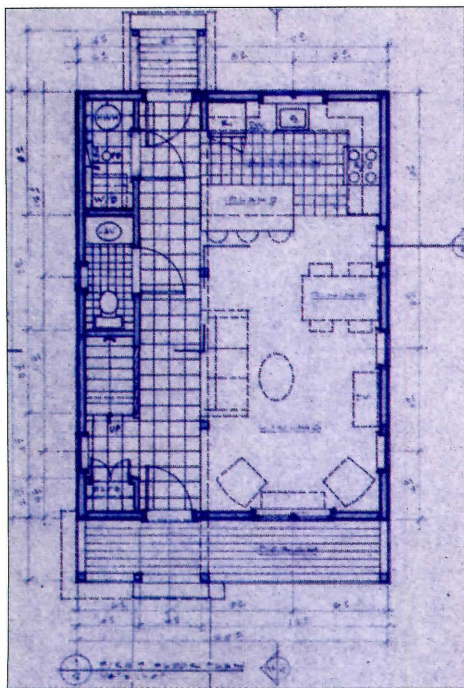


**e**ntrant Beveridge Architects' design intent was to create a home with a traditional porch-front exterior and open, informal living spaces. The porch recesses into the building footprint, sheltered by a bedroom above. This design approach eliminates the need for—and cost of—a separate porch roof.

Primary living spaces and bedrooms align along the home's two street façades, to take advantage of light and

views of the street and backyard. Stairs, bathrooms, utility areas, and closets are located along the interior wall.

SIPs are the home's most important cost-efficient and energy-saving feature. The house follows a modular dimensional system that minimizes the number of panels used and allows, in most cases, the use of standard size panels. Other cost efficiencies include grouping all plumbing into one quadrant of the house and the use of simple and inexpensive finishes.



Beveridge Architects aligned primary living spaces and bedrooms along the home's two street façades.





YOU WON'T HAVE TO  
ASK YOUR **CUSTOMERS**  
TO ACCEPT LESSER  
**WINDOWS** – ALTHOUGH  
YOU WILL HAVE TO  
EXPLAIN THAT THEY'RE A  
**BETTER VALUE.**



SAVING MONEY DOESN'T HAVE TO MEAN SETTLING FOR LESS. WHEN YOU INSTALL WINDSOR WINDOWS, YOU GIVE YOUR CUSTOMERS A HIGH QUALITY, DURABLE WINDOW THAT'S EASY TO INSTALL AND OFFERS LOTS OF OPTIONS. BEST OF ALL, BECAUSE THEY'RE A BETTER VALUE, THEY LEAVE MONEY IN THE BUDGET TO ADD THE KINDS OF OTHER EXTRAS THAT HELP SELL HOMES.

Circle no. 27

WINDSOR SERIES WOOD • NEXT DIMENSION SERIES VINYL • LEGEND SERIES CELLULAR PVC • 800-887-0111

WWW.WINDSORWINDOWS.COM

WIN/WIN ... ANY WAY YOU LOOK AT IT.





# homes for habitat

tarane rahmani  
*irvine, calif.*



Entrant Tarane Rahmani's goal was to create a functional floor plan without compromising architectural integrity. A wraparound porch takes advantage of the corner lot, defining the front door and running along the side of the house to create two street-friendly facades. The side porch leads to the most important part of the house, where the family gathers.

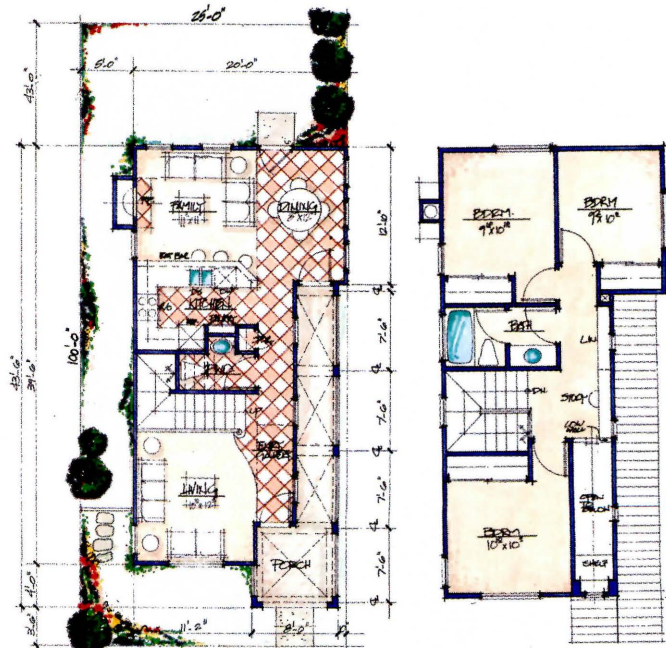
The architect placed the stair, powder room, and kitchen in the center of the first floor to divide formal and informal living areas. The living room

occupies the front of the house; the family room and dining area open up to each other for casual daily use. Though the kitchen is an interior space, it has views of the backyard play area through the family room. A two-story entry gallery and 9-foot plate height throughout the first floor help create an open, spacious feeling.

The second floor contains three bedrooms plus a built-in study overlooking the entry. The stair and bath separate the parents' and children's bedrooms. Plumbing stacks for maximum cost efficiency.

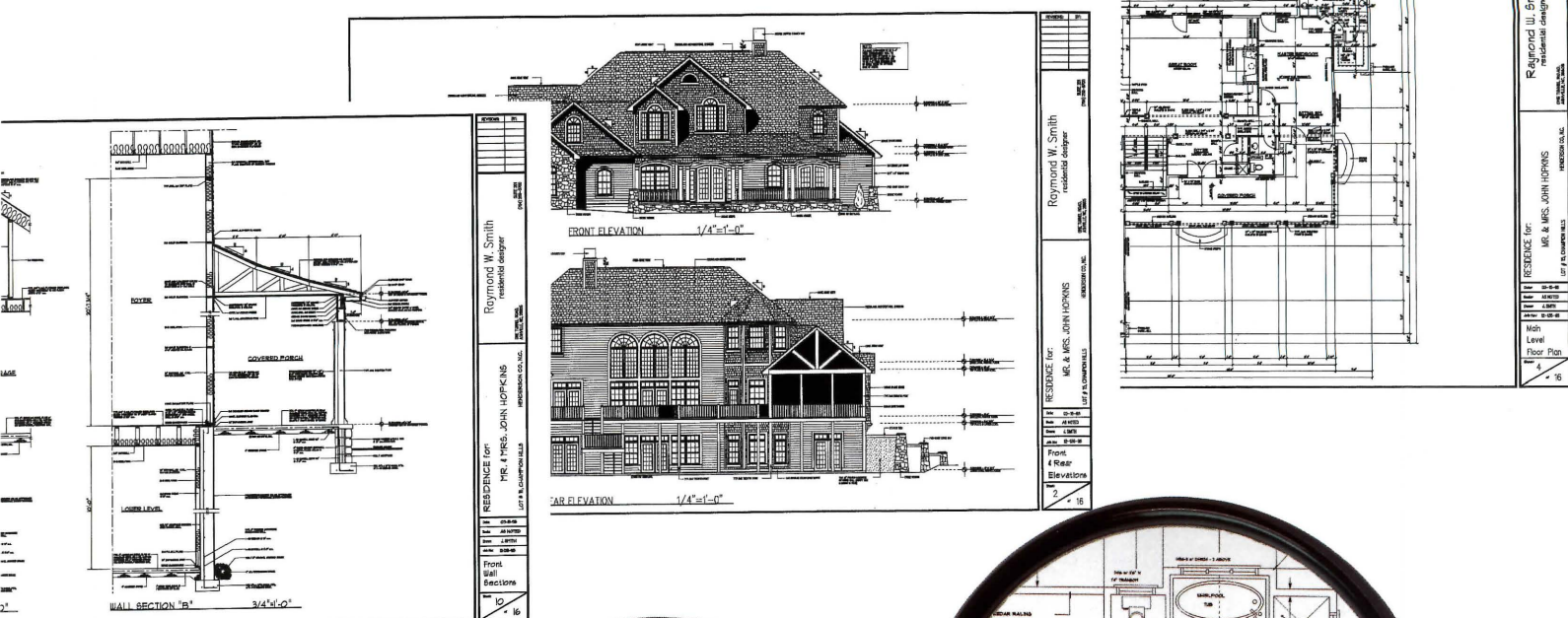


In this design, a porch defines the front door and runs along the side of the house, creating two street-friendly facades.





# Your Plans



## This Detail



## Our Tool

**SOFTPLAN**

ARCHITECTURAL DESIGN SOFTWARE

CALL (800) 248-0164 or  
VISIT [www.softplan.com](http://www.softplan.com)  
for a FREE DEMO CD

(for Windows 95/98/NT)

Circle no. 79

Working Drawings

3D Renderings

Material-Take-Offs







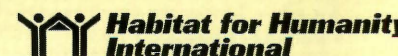
It's 100° in the shade, or pouring rain. You're working in a remote Indian village, or perhaps inner city L.A. Your muscles ache, and you've been at it since before dawn. So why do you feel so great? If you've ever worked on a Habitat for Humanity build, you know the answer. Since the early 1980s, The Dow Chemical Company has been a proud sponsor and supporter of Habitat for Humanity® International. We're Habitat's official supplier of rigid foam insulation in North America, and blue STYROFOAM® brand insulation, manufactured exclusively by Dow, is familiar to many on Habitat jobsites.

We've sponsored homes at Jimmy Carter Work Projects for longer than anyone can remember, and

building homes for life

our employees and customers have generously given up some of their time and talent from Houston to Hungary to most everywhere in between. Last month, we sponsored a house in the Philippines, and we'll be building again next year when Habitat constructs its 100,000th home. Though we're donating millions of dollars in sponsorships, funding, and insulation, and encouraging everyone within earshot to get involved, what we're getting back is even more valuable. Get involved with Habitat for Humanity in your community; you just don't know what you're missing. Contact Dow at 800-441-4369 or visit our website at [www.styrofoam.com](http://www.styrofoam.com).

\*Trademark of The Dow Chemical Company







building homes for life

*residential architect* salutes the many unsung heroes — from community volunteers to building product manufacturers — whose contributions to Habitat for Humanity International bring housing to families in need.

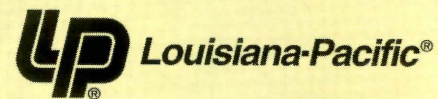


**Habitat for Humanity<sup>®</sup>  
International**



residential  
architect





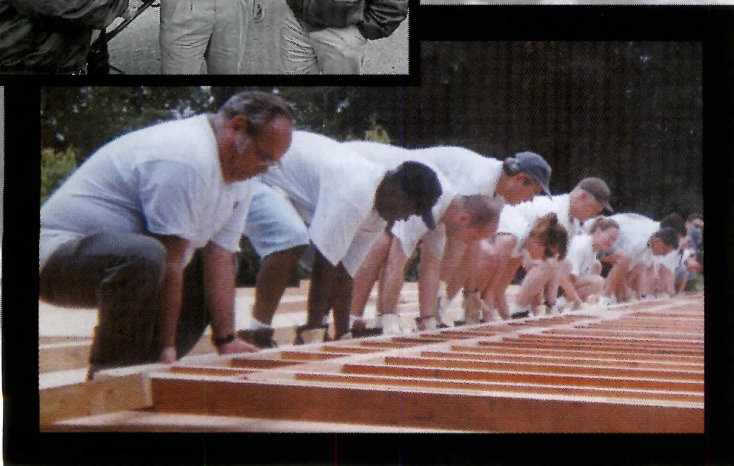
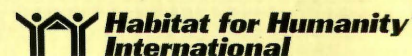
Dating back to the company's inception in 1973, Louisiana-Pacific has a long history of corporate giving. Recently, however, Louisiana-Pacific has decided to give what it knows best: building products. And that's why the Louisiana-Pacific Foundation has become involved in Habitat for Humanity. This year the foundation will be contributing materials for "house-builds" across the nation. Last fall, the company partnered with Habitat for Humanity and President Clinton's Partnership for Advancing Technology in Housing (PATH) to build a home for single mother Michelle Hays and her four daughters, a home featured in this issue.

building homes for life

For the Hays' home, L-P donated materials from several divisions: The siding and specialty products division provided its SmartLap™ siding, SmartStart™ Trim & Fascia and SmartPanel™ structural panels. The oriented strand board (OSB) division provided its new Visual Precision OSB sheathing, which features a measuring and cutting grid printed on each panel.

"Businesses have a way of getting too caught up in the business of making and selling products," said Mark Suwyn, President and CEO of Louisiana-Pacific. "Habitat for Humanity reminds us that we can—and need to—make a difference in people's everyday lives." But this is a shared benefit.

Louisiana-Pacific's involvement with Habitat for Humanity has generated a lot of good will inside its own walls. Contact Louisiana-Pacific at 800-648-6893 or visit its Web site at [www.lpcorp.com](http://www.lpcorp.com).





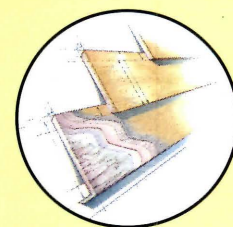


# HUMANS HAVE HAD RAIN GEAR FOR YEARS. IT'S ABOUT TIME HOUSES DID.

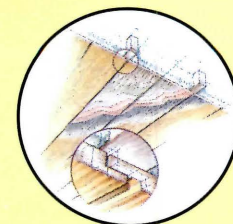
*SmartSystem™ treated engineered wood siding and exterior products provide long wear under variable temperatures and weather conditions.*

**SmartSystem™**

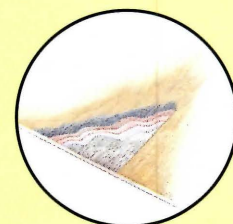
Treated Engineered Wood  
Siding and Exterior Products



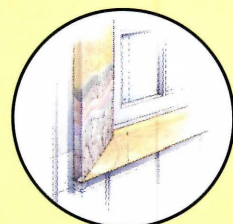
Smart**Lap**™



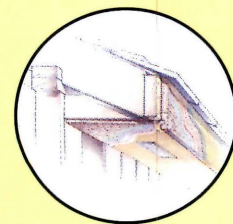
Smart**Panel**™



Smart**Soffit**™



Smart**Start**  
Trim



Smart**Start**  
Fascia

- Treated with borate-based SmartGuard™ to resist insects and rot.
- Excellent warranties.
- Pre-primed to take paint beautifully.
- Easy to work with. No special tools required.

Circle no. 271



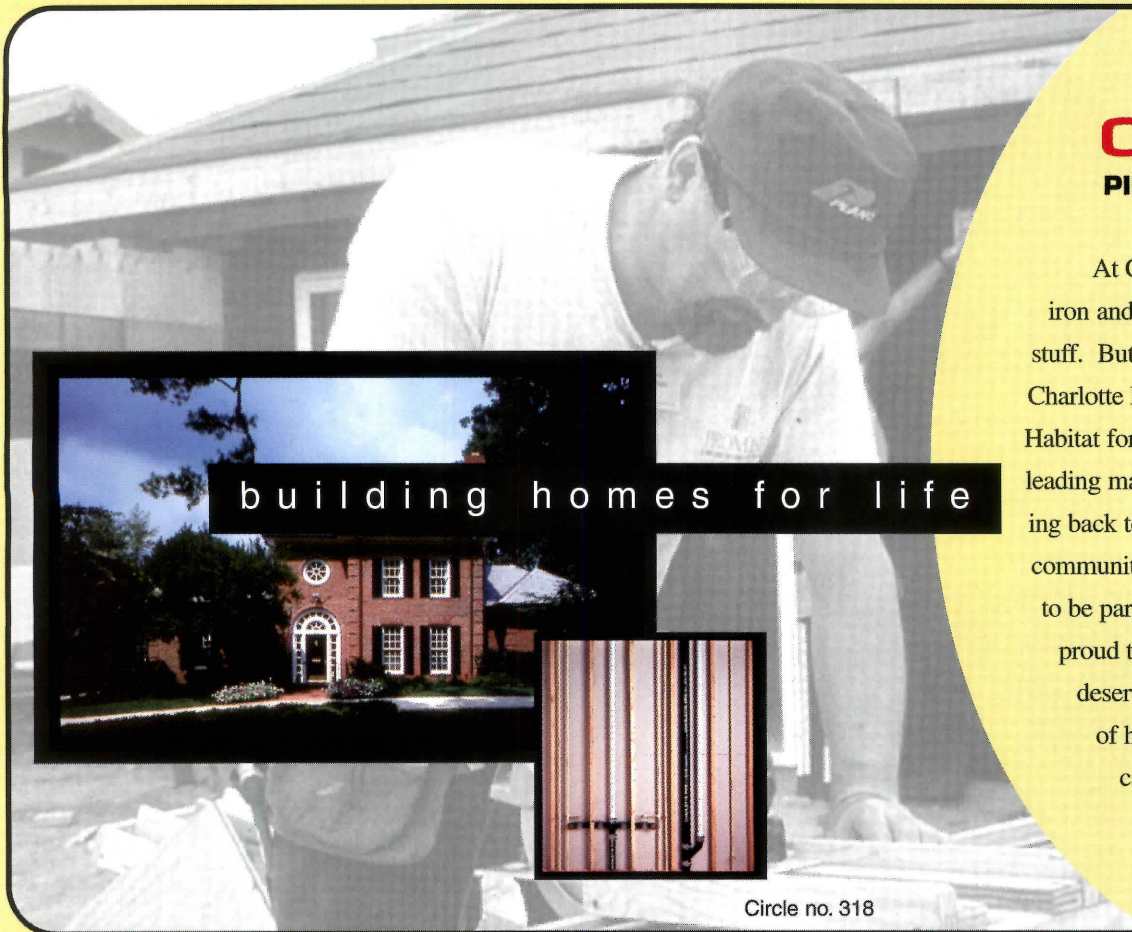
SmartSystem, SmartLap, SmartPanel, SmartSoffit, SmartStart and SmartGuard are trademarks of Louisiana-Pacific Corporation.  
© 1998 Louisiana-Pacific Corporation. All rights reserved.

For technical information  
and customer service, call  
**800-648-6893.**

For product samples  
and literature, call  
**800-299-0028, ext. 216.**

Or, visit our Web site at  
**[www.lpcorp.com](http://www.lpcorp.com).**





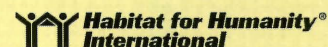
building homes for life

Circle no. 318

## CHARLOTT

PIPE AND FOUNDRY COMPANY

At Charlotte Pipe and Foundry, we make cast iron and plastic pipe and fittings. It's pretty basic stuff. But, it can make a difference. That's why Charlotte Pipe and Foundry is a National Sponsor for Habitat for Humanity International. As the nation's leading maker of pipe and fittings, we believe in giving back to our customers, our employees and the communities where we live and work. We are proud to be part of the Habitat for Humanity family, and proud to share in the Habitat mission of helping deserving families achieve the American dream of home ownership. To learn more, please call 704-372-5030.



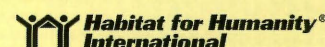
building homes for life

Circle no. 319



"The column people." That's how HB&G is known in the building industry. Its PermaCast® columns, the first fiber reinforced polymer produced by a column manufacturer, lend an elegance and style to homes, backed up by durability and performance. Columns are either plain or fluted, with a wide variety of capitals and bases to create a customized look. PermaPorch® railings can be used with HB&G's columns to create graceful porches with many distinctive styles. The innovations of HB&G in bringing one new porch part after another to the building industry makes them stand above and apart from all others.

Contact HB&G at 1-800-264-4424 or visit its website at [www.hbgcolumns.com](http://www.hbgcolumns.com).






## **KitchenAid®** HOME APPLIANCES

Whirlpool Corporation, manufacturer of KitchenAid Home Appliances, recently announced a major sponsorship of Habitat for Humanity. Whirlpool is proud to be providing appliances for all homes built by Habitat for Humanity affiliates.

KitchenAid has a new line of high-performance appliances with sleek, stainless steel exterior finishing. The streamlined designs complement virtually any kitchen style. The new Architect™ series line includes built-in refrigerators, featuring true 24-inch depth for flush-to-counter installation; built-in combination ovens boasting the exclusive KitchenAid convection cooking system; dishwashers offering high-performance Satin Finish interiors; and automatic ice makers that filter source water to produce clear, fresh ice.

building homes for life

A new color option is available in KitchenAid major appliances. Biscuit, a blend of soft whites and subtle earth tones, is a hue that is clearly distinct from both traditional white and almond appliance shades. It is a clean, refreshing and lively color that blends in naturally with the colors most preferred in kitchens today. Approximately 30 models in the KitchenAid line will be available in Biscuit. The KUDS25 dishwasher, available in Biscuit, has a wealth of high-performance features, including a commercial grade stainless-steel interior, exclusive 5-level wash system, self-cleaning water filter, and a Sani-Rinse option. Contact KitchenAid at 800-422-1230 or visit its website at [www.KitchenAid.com](http://www.KitchenAid.com).

 **Habitat for Humanity®**  
International





building homes for life



Circle no. 312

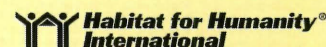
## Architectural Accents®

Urethane Millwork by Style-Mark, Inc.

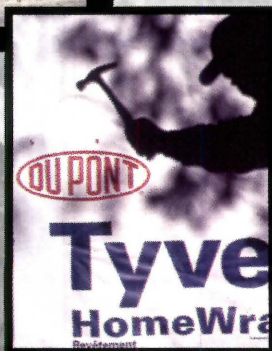
The finishing touch. Whether a simple family home or an elegant, one-of-a-kind custom home, every house you design demands its own signature look.

Architectural Accents® from Style-Mark makes it easy to personalize every home you design. Made from durable polyurethane, our accent pieces are easy to install and maintain. From window trip to eave vents to louvers, with over 4,000 detailed items to select from, you're sure to discover the pieces that perfectly compliment your designs.

To receive information and product catalogs from Style-Mark, call 800-446-3040 or visit their website at [www.style-mark.com](http://www.style-mark.com).



building homes for life



## DUPONT Tyvek®

Weatherization Systems

In thousands of homes, from the Appalachia project to the Cheyenne River Sioux Indian Reservation and urban centers across the country, DuPont Tyvek® and its distributors are proud Habitat for Humanity sponsors.

"The challenge in building a Habitat home is to make it affordable to own, and affordable to maintain for the new homeowners," said Tom Shuler, marketing manager for Tyvek® Weatherization Systems. "Wrapping a home in an envelope of Tyvek® helps reduce air and water infiltration.

The added protection of Tyvek® helps improve comfort, protects against possible water damage and keeps monthly energy bills affordable." Call 800-44-Tyvek® or visit [www.dupont.com](http://www.dupont.com).





# Heartland


A New Generation of Building Products.

Heartland siding is more than just vinyl and extrusions. Its product originates in a state-of-the-art manufacturing facility that houses the Heartland dream, and it represents a commitment to teamwork, innovation and effort. It's the result of the many hard working Heartland people who are dedicated to quality, workmanship and the pride that only comes from excellence. Many professional builders and renovators as well as discerning homeowners choose Heartland siding for its high quality, durability and ease of maintenance. Heartland Super Polymer Vinyl Siding is designed to deliver years of care-free maintenance and will give a home the beauty and protection it deserves.

building homes for life

Heartland has been a large contributor of both siding materials and manpower for annual Habitat Jimmy Carter Work Projects in Los Angeles, Eastern Kentucky, Tennessee and Houston. Heartland employees have even served as the installation experts and trainers of other volunteers at these Habitat events to teach them how to properly install vinyl siding. Heartland independent wholesale distributors in the areas of these Work Projects have also been ready and willing to come forth with manpower, logistics and materials to get the job done. The Heartland—Habitat experience has truly been a worthwhile team effort.

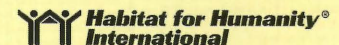
Contact Heartland at 800-HEART-O1  
or visit its website at [www.heart-land.com](http://www.heart-land.com).

 **Habitat for Humanity®  
International**





Exquisite beauty. Unrivaled craftsmanship. Take one look and you'll notice the details that make Larson Manufacturing the number one storm door manufacturer in America. For more than 40 years, Larson has crafted doors of the highest quality and performance. Larson offers seven distinctive series of doors, providing a variety of choices for each house style and price range. In addition to its commitment to manufacturing quality storm doors, Larson is committed to giving back to the community. The company donates more than 3,000 storm doors each year for homes built by Habitat for Humanity. Contact Larson at 800-352-3360 or visit its website at [www.larsondoors.com](http://www.larsondoors.com).



Circle no. 308

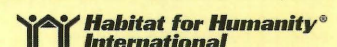
building homes for life

# OSI®

Professional Results. Guaranteed.™

Habitat for Humanity combines love, dedication and commitment with quality building materials to ensure a well-built home with a heart. OSI Sealants, Inc. is a long-term and proud supporter of Habitat for Humanity as a national product sponsor for all caulks, sealants and adhesives for homes built by the organization.

OSI's pledge to Habitat for Humanity continues to grow as we add new products to our existing commitment of POLYSEAMSEAL® Caulks and Sealants. Just like Habitat for Humanity, OSI Sealants believes in making the American dream of owning a home a reality for hardworking families. Contact OSI Sealants at 800-624-7767 or visit its website at [www.osisealants.com](http://www.osisealants.com).



building homes for life



S-68

Circle no. 309




# AQUA GLASS®

Aqua Glass is committed to providing its customers with one of the broadest, most complete lines of bathware available. Aqua Glass offers grace and style in its beautifully functional yet sensibly-priced acrylic and gel-coat tubs and showers. Lasting quality is the keynote in each solidly-built, value-packed unit. Showers and tubs come complete with convenient features like strategically-placed built-in towel bars and shelves, factory installed dome lights, and handsome, hardworking Aqua Glass shower doors. Each unit features extra-thick soundproofing insulation, durable fiberglass reinforcement, and gleaming surfaces that clean with ease, to guarantee years of attractive service and unparalleled comfort in the bath.

b u i l d i n g   h o m e s   f o r   l i f e

Finally there is a bath and shower innovation consumers have been waiting for, and Aqua Glass is the first tub in the industry to offer it in its gelcoat tubs—built-in Microban® antibacterial protection. Microban inhibits the growth of microorganisms such as bacteria, mold and mildew, making tubs and showers easy to clean. Microban, which has been used in hospitals for over ten years, is EPA and FDA registered and is engineered to last for the life of the bathtub.

Aqua Glass is proud to be an active participant in Habitat for Humanity programs, donating product through its network of distributors nationwide. Contact Aqua Glass at 901-632-0911 or visit its website at [www.aquaglass.com](http://www.aquaglass.com).

 **Habitat for Humanity®  
International**



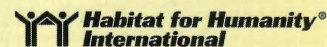


Alside is a pioneer in the development of quality, low-maintenance building products for residential and commercial applications. Since 1947, we've expanded our product offering to include a wide array of vinyl sidings and vinyl window systems for new construction and remodeling.


Based in Akron, Ohio, Alside is an active participant in the community and has been a supporter of Habitat for Humanity for many years.

At Alside, quality products are just the beginning of our commitment to you. It's what follows—the comprehensive scope of our support and service—that sets us apart as industry leaders. Contact

Alside at 800-922-6009 or visit our website at [www.alside.com](http://www.alside.com)



Circle no. 320



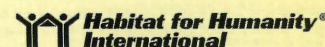
building homes for life



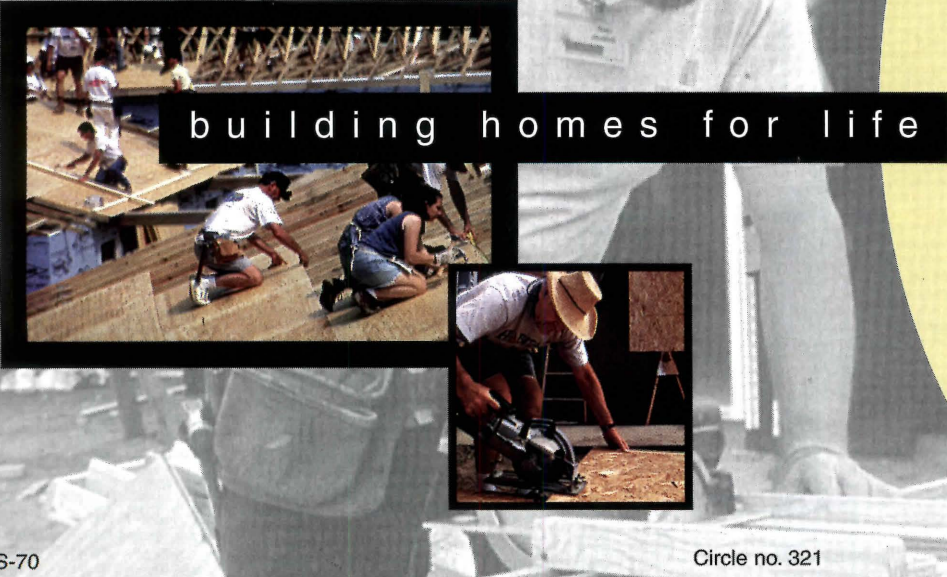
Georgia-Pacific

Georgia-Pacific employees have worked on countless Habitat homes throughout the U.S., and in our home town of Atlanta, G-P joined with Habitat and the American Institute of Architects to hold the first design competition to benefit Habitat. Construction industry executives, including G-P officers, later constructed two versions of the winning design, with Georgia-Pacific materials. This year G-P will sponsor and help build the 500th home built by the Chapter.

Georgia-Pacific salutes Habitat for Humanity for its ongoing success. Contact Georgia-Pacific at 800-BUILD-GP or visit their website at [www.gp.com](http://www.gp.com).



Circle no. 321



building homes for life





## CUSTOM MADE INDOOR WEATHER<sup>SM</sup>

Having a comfortable place to call home is not just the American Dream. It's a common desire shared by men, women and children across the globe.

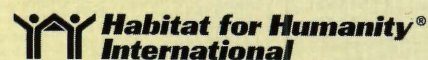
In 1976, Millard and Linda Fuller had a dream to eliminate poverty housing throughout the world. More than 20 years and 70,000 homes later, the Fullers and countless volunteers have provided decent, affordable housing for more than 350,000 people in 60 nations. Not only has Habitat for Humanity helped reduce substandard housing, its "Green Team" has helped to promote good stewardship of natural resources in the process.

building homes for life

Carrier Corporation is honored to be able to play a part in Habitat's efforts, by donating products that help conserve energy and protect the environment, and through our employee volunteers who, by the year 2000, will have helped build 32 homes in the U.S. and abroad. The benefits to our employees go far beyond the satisfaction of helping families in need. Working side-by-side with Habitat families has strengthened our communities, creating bonds that last well after the final nail is driven.

We join *residential architect* magazine in paying tribute to Habitat for Humanity, its admirable mission, and the countless volunteers who have given generously of their time and energy. They have truly turned dreams into reality for thousands of families around the world.

Contact Carrier at 800-4-CARRIER or visit its web site at [www.carrier.com](http://www.carrier.com).





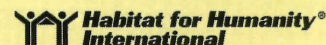


building homes for life

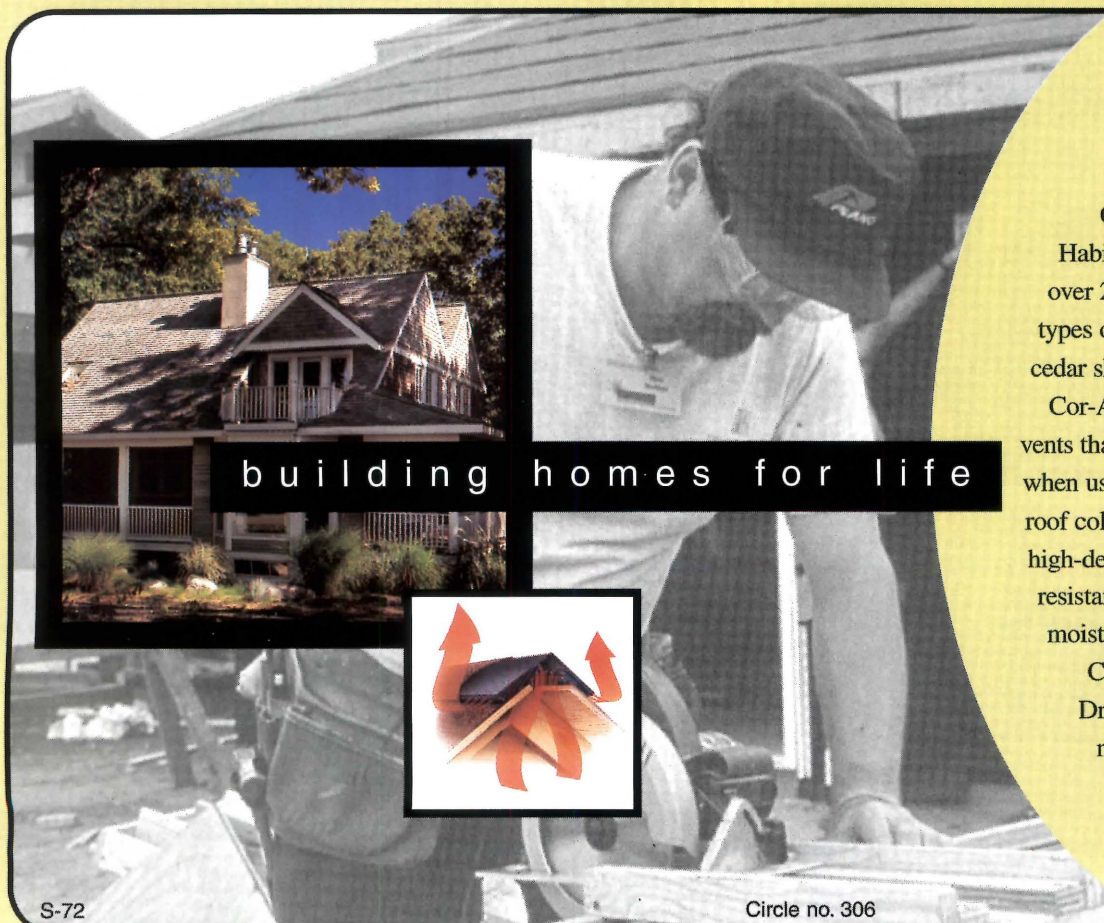


**James Hardie™  
Building Products**

James Hardie Building Products, the leading manufacturer of fiber-cement based building products, supports Habitat for Humanity through donations of both product and labor. In a recent project in Long Beach, California, the company donated its Hardibacker® Ceramic Tile Backerboard as the underlayment for a bathroom and laundry room. Hardibacker will not swell, peak at the joints, or deteriorate when exposed to moisture, making it an ideal underlayment for floors, walls and countertops. The company's other flagship product, its line of Hardiplank® and Hardipanel® fiber-cement sidings, is proven to perform in a wide range of climates throughout the world. Contact James Hardie Building Products at 888-J-HARDIE.



Circle no. 305



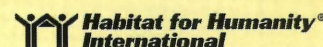
building homes for life



Cor-A-Vent has been providing product to Habitat for Humanity for over 10 years, and for over 25 years has been used nationwide on all types of roofs. It adapts easily to asphalt shingle, cedar shake, tile and metal roof materials.

Cor-A-Vent makes nearly invisible ridge and hip vents that provide balanced, efficient attic ventilation when used with soffit/eave vents. It will match any roof color and texture and is manufactured from high-density, corrugated PP/PE materials, which are resistant to heat, cold, ultraviolet rays, impact, moisture and chemicals.

Cor-A-Vent has passed the Dade County Wind Driven Rain Test and meets or exceeds all nationally recognized building codes. Contact Cor-A-Vent at 800-837-8368 or visit its website at [www.cor-a-vent.com](http://www.cor-a-vent.com).



Circle no. 306



## **GENERAC®** POWER SYSTEMS, INC.

Generac offers high-performance standby generator units tailored specifically for home use, with models generating from 5,000 to 25,000 watts of electricity. Systems such as the Generac Guardian power system can be integrated into new construction or retro-fitted for older structures.

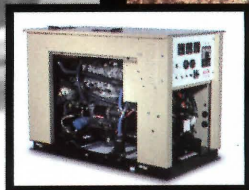
In an emergency, the Guardian power system starts automatically via Generac's automatic transfer switch, producing electricity within seconds. During brownouts or "rolling blackouts," the generator will produce current to keep vital electrical systems such as computers, lighting, refrigeration, heating, air-conditioning, communications and security systems operating undisturbed for the duration of the outage.


Unlike portable generators, the Guardian power system is installed permanently outdoors and runs on liquid propane or natural gas. It can be linked directly to the permanent fuel source.

building homes for life

For 40 years Generac has been manufacturing a full line of residential and industrial electric power generators. The company has a deep commitment to making emergency power systems available to those who need them. Whether it's disaster relief, disaster preparedness, or everyday protection from utility power failures, Generac's products can make life a little easier. We are pleased to show our support for Habitat for Humanity by participating in this section.

Contact Generac at 414-544-4811 or visit its website at [www.generac.com](http://www.generac.com).



 **Habitat for Humanity®  
International**

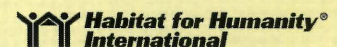


# VELUX®

Architects like Thomas Jefferson have long espoused the use of skylights for the sense of well-being they provide. Yet only in the last decade or so have skylights become a practical choice for homes in all regions.

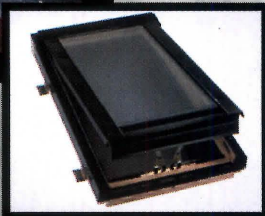
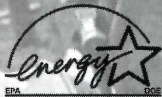
Technological advances in glazing have helped to make this possible. VELUX Comfort-Coated Glass, featuring a double layer of Low-E coating and argon gas between the panes, provides maximum protection against heat loss in winter and heat gain in summer. A laminated inner pane can ensure safety from impact such as hail and wind, and reflect 99 percent of ultraviolet rays that cause fading.

VELUX-AMERICA is proud to be a sponsor of Habitat for Humanity. Contact VELUX at 800-283-2831 or visit its website at [www.VELOUX.com](http://www.VELOUX.com).



building homes for life

Circle no. 301



# SIMPSON

## Strong-Tie® CONNECTORS

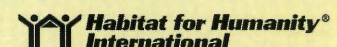


**The Well-Connected House™!**

Connectors are a vital component in providing safe, affordable housing. Strong-tie connectors are engineered for quick, easy installation, as well as strength and safety. And framing crews are more productive thanks to the low installed cost features.

Since 1956, Simpson has set the standard for connectors in the building industry. We believe that every homeowner deserves A Well-Connected House™. Accepted by national and local building codes, the Strong-Tie name on plans is recognized by owners and building inspectors as an assurance of quality.

To get well connected, call 800-999-5099, or visit [www.strongtie.com](http://www.strongtie.com).



building homes for life

Circle no. 302





# Wolverine®

VINYL SIDING

*Great looks that last.™*


Millennium siding is one example of how Wolverine innovation can help contribute to better-built, more cost-effective housing for Habitat for Humanity "customers." Millennium's *patented* NailTight™ Flexible Hem nails tight to the substrate. The panel hangs from tough, synthetic PermaFlex™ Suspension Cables, *fusion-welded* into the panel, which "float" the panel during changes in temperature. This feature alone makes proper installation virtually foolproof. GripLock™ is another advantage; Millennium can be smoothly and evenly applied by supervised volunteers or by an experienced installer working alone.

Millennium's increased installation speed leads to lower overall costs, too. Because it nails tight to the wall, it is ideal for installation with power nailers and staplers. Reports from contractors in the field tell us Millennium panels install 30% to 50% faster using power tools.

And, for peace of mind of high wind-area customers, Millennium is designed to resist hurricane-force winds.

building homes for life


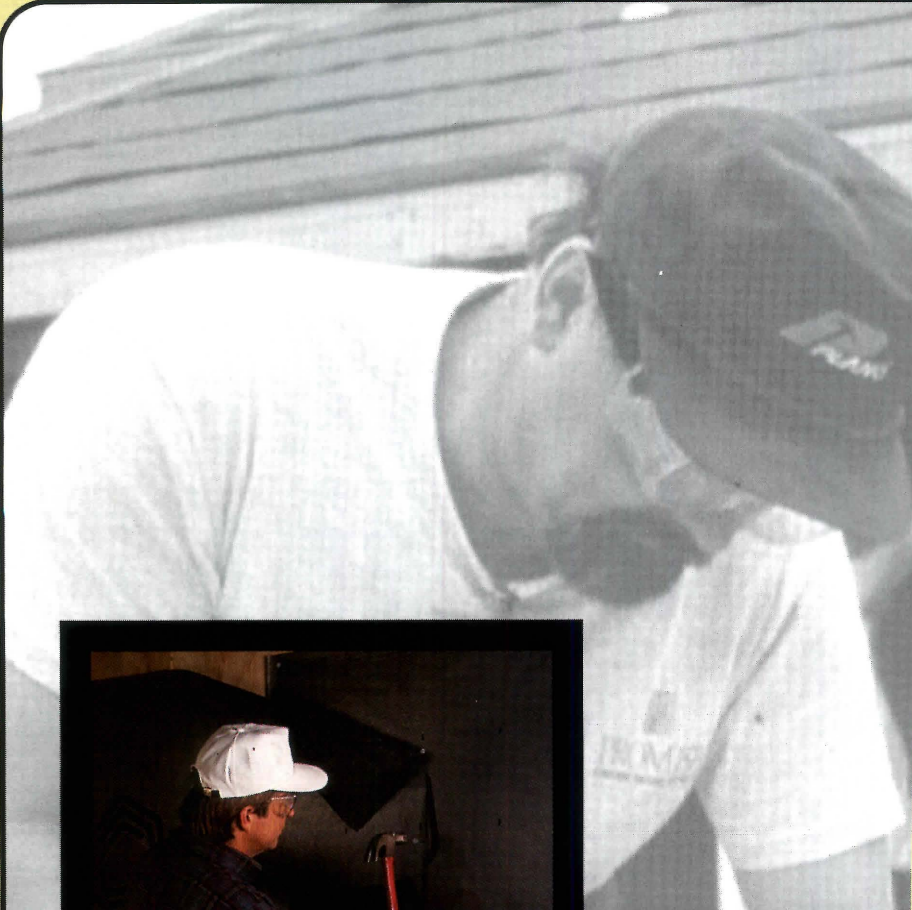
For whatever project comes along, Millennium siding coordinates with Wolverine soffit and Restoration decorative panels and trim to form a complete and efficient exterior design system. Millennium is available in D4" clapboard and D4.5" dutchlap profiles with a low-gloss cedar grain finish in 13 popular colors. In a recent **Brand Use Study** for *Builder Magazine*, professionals rated Wolverine *number one* in quality for the third time. For information and specifications about Millennium or any other Wolverine innovative, high-performance exterior cladding product, call 888-838-8100, or visit [www.siding.com](http://www.siding.com).

 **Habitat for Humanity®  
International**

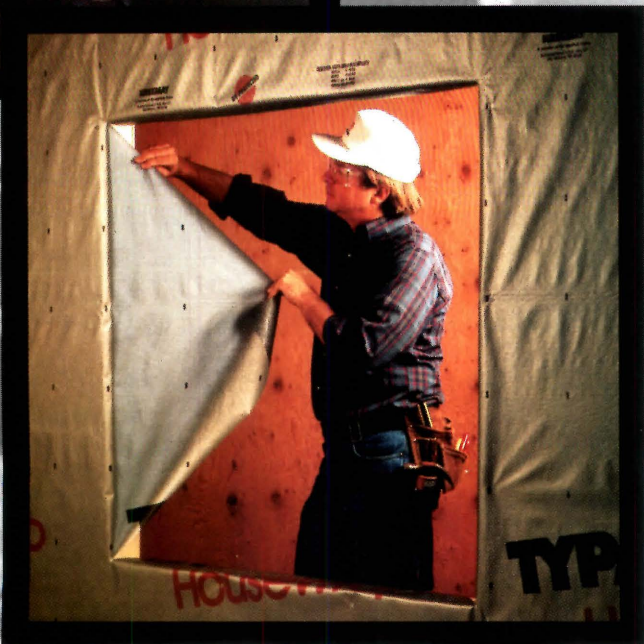




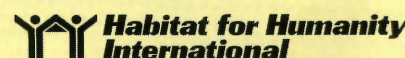
Typar HouseWrap...The Inside Story. With Typar HouseWrap on the outside of a home, comfort and energy efficiency are enhanced inside the home. Typar HouseWrap covers construction gaps, cracks, leaks and holes to keep outside air from seeping in. It reduces air movement in wall cavities, and keeps the home warmer in the winter and cooler in the summer, saving homeowners up to 25 percent on energy bills. Most important, Typar allows a home to breathe, so there's no moisture build-up which can damage the wall cavity.



building homes for life



Typar HouseWrap...The Outside Story. On the job site, Typar HouseWrap is a product that can be counted on. Typar HouseWrap survives the rigors of construction—it won't tear in the wind or degrade in the sun. It's easy to handle and cut. Typar gets construction crews out of the weather faster, so they can work inside. Typar's glare-resistant color is installer-friendly, and it gives homes a professional appearance during construction. Typar HouseWrap provides the perfect balance of comfort and performance. Contact Typar HouseWrap at 800-321-6271 or visit its website at [www.reemay.com](http://www.reemay.com).






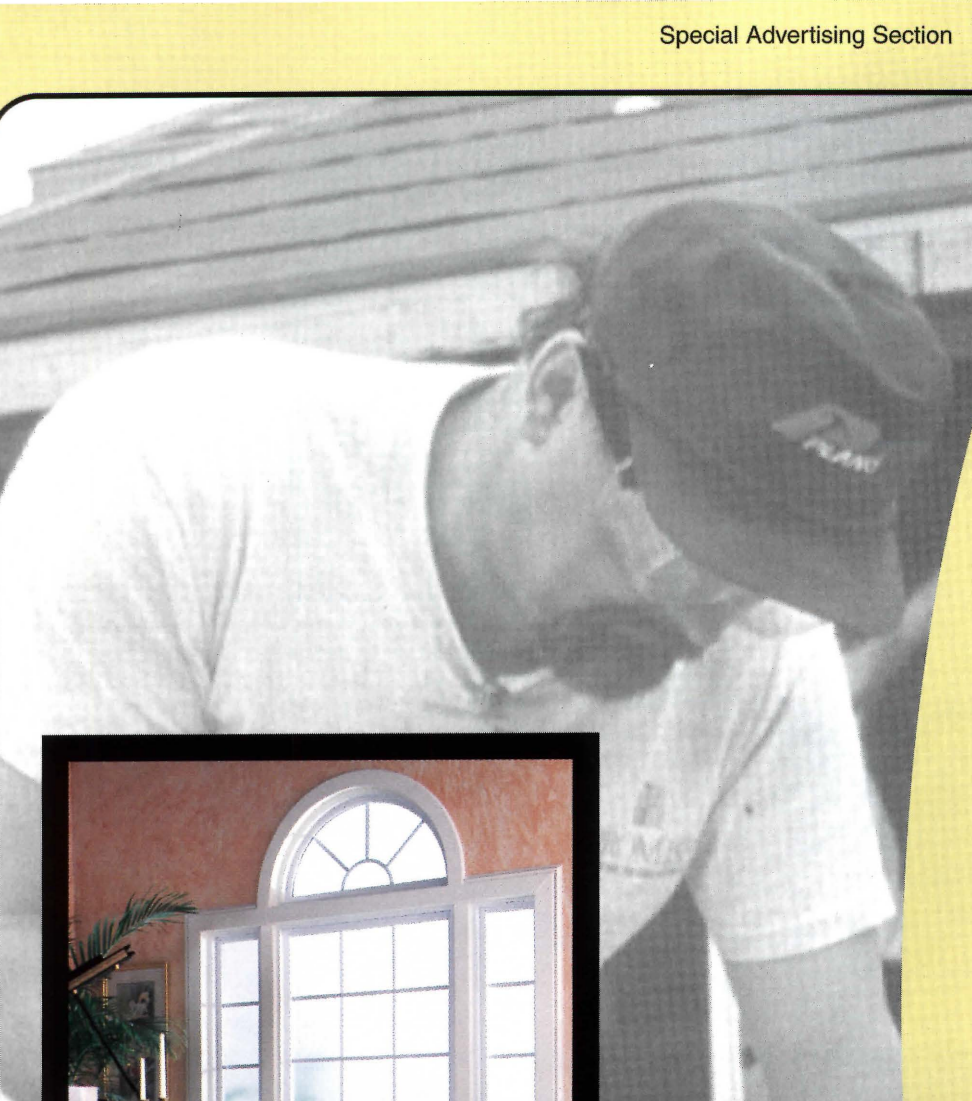


Silver Line Building Products Corp. of North Brunswick, NJ, a leading vinyl window manufacturer, is proud to note its continuing association with the Middlesex County, NJ chapter of Habitat for Humanity.

In 1998, Silver Line was a co-sponsor of the Chapter's first annual bicycle tour, a fund raiser for the one-year-old affiliate of the international organization.

"We are proud to be working with Habitat to provide affordable homes in our community," says Silver Line President Kenneth Silverman.

To date, the chapter has renovated two homes, both in New Brunswick. Proceeds from the tour were used to purchase materials for the homes, which were renovated with all-volunteer labor working weekends.



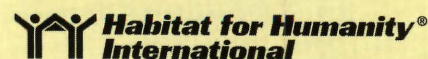
building homes for life

"We were really excited about this event, and with Silver Line's help, next year's will be even better," says Habitat volunteer, Holly Ely. "We tried to attract many kinds of people, and so the tour is structured to permit riders of all levels of ability."

In 1999, Silver Line looks forward to further involvement with the chapter, by supporting the bicycle tour, donating windows, and organizing an employee group to donate their labor to renovations.

Contact Silver Line at 800-234-4228 or visit their website at:

[www.silverlinewindow.com](http://www.silverlinewindow.com)







## BOB KNOWS THAT CONSTRUCTING TEAMWORK IS ESSENTIAL TO BUILDING HOPE.



Our product-tester, Bob is known for installing confidence. But when it comes to building hope, no one does it better than Habitat for Humanity. For over 25 years, Habitat has been resurrecting the hopes and dreams of thousands of families around the world. And Variform is excited to be a partner with them in constructing homes for low-income families. We've donated manpower and materials at sites from Texas to Illinois, Georgia to California. And we're looking forward to taking part in future projects. We salute Habitat for Humanity for all their effort, sweat and time, and thank them for allowing us to be a part of it.

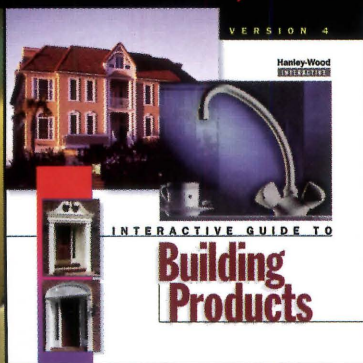
**VARIFORM®**  
INSTALL CONFIDENCE™

Circle no. 272

# Products

## Products, Products, Products

New and  
improved  
format



**Limited Supply.  
Order Today.  
Call 1-800-241-BLDR**

It costs just **\$29.95**  
plus \$5.00 for shipping and  
handling.

## 17,000 products from 3,100 manufacturers

This Web-enabled CD is fast, easy-to-use and the most comprehensive database of its kind. It puts all the information you'll ever need about building products right at your fingertips.

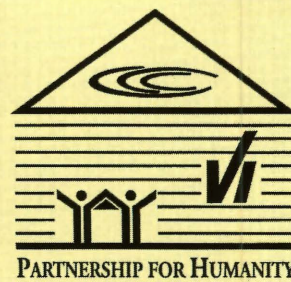
Just put the CD in your CD-ROM drive, click your mouse and you'll find:

- Up-to-the-minute information on over 17,000 building products
- Over 300 new product introductions
- Product catalogs for over 30 companies
- Links to hundreds of manufacturers' Web sites
- Manufacturers' addresses, phone/fax number, email addresses and ordering information

Compatible with both Windows and  
Macintosh-based computer systems.







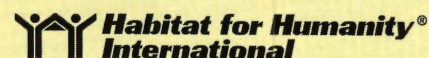
Versatility. Durability. Easy installation and maintenance. Simple beauty. There's no shortage of reasons to explain why vinyl building products like siding, flooring, windows and pipe are used so extensively by Habitat for Humanity, as they are by home builders across the country. "Vinyl is absolutely the material of choice to most Habitat for Humanity affiliates in the U.S.," says Millard Fuller, president and founder of Habitat for Humanity International. Today, the vinyl industry stands as one of Habitat for Humanity's top corporate sponsors, represented by a coalition of trade associations and companies called the Partnership for Humanity. Over the past five years, the vinyl industry has participated in six "blitz builds" with HFH affiliates from Los Angeles to Washington, D.C. and has sponsored 10 homes, donated more than a

building homes for life

million dollars in cash and products, and lent the assistance of more than 450 industry volunteers.

With key sponsorship from the Vinyl Institute and the Chlorine Chemistry Council®—whose members manufacture vinyl and vinyl's raw materials—the Partnership for Humanity has united as many as 50 vinyl building product manufacturers and their individual trade associations for yearly participation in an HFH "blitz build."

The Partnership for Humanity salutes its members and all the thousands of sponsors and volunteers who give generously of their time and resources to Habitat for Humanity. For information contact Jim Kosinski at 517-837-2819.







building homes for life



**Habitat for Humanity®  
International**

*residential architect* magazine  
will make a donation on behalf  
of the companies listed below  
for their continued support for  
Habitat for Humanity and for  
making a difference in the lives  
of families in need.

Alside, Inc.

Aqua Glass

Carrier Corp.

Charlotte Pipe and Foundry  
Company

Cor-A-Vent, Inc.

DuPont Tyvek

Georgia-Pacific Corp.

Generac Power Systems, Inc.

Henderson, Black &  
Greene, Inc. (HB&G)

Heartland Building  
Products, Inc.

James Hardie

Building Products

Larson Manufacturing

Louisiana-Pacific Corp.

OSI Sealants, Inc.

Partnership for Humanity

Silver Line Building

Products Corp.

Simpson Strong-Tie Co., Inc.

Style-Mark, Inc.

The Dow Chemical Company

Tygar HouseWrap

Variform, Inc.

VELUX-AMERICA INC.

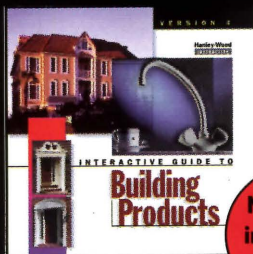
Whirlpool Corp.

Wolverine Vinyl Siding



# Products

## Products, Products, Products



**New and improved format**

### 17,000 products from 3,100 manufacturers

This Web-enabled CD is fast, easy-to-use and the most comprehensive database of its kind. It puts all the information you'll ever need about building products right at your fingertips. Just put the CD in your CD-ROM drive, click your mouse and you'll find:

- Up-to-the-minute information on over 17,000 building products
- Over 300 new product introductions
- Product catalogs for over 30 companies
- Links to hundreds of manufacturers' Web sites
- Manufacturers' addresses, phone/fax number, email addresses and ordering information

Compatible with both Windows and Macintosh-based computer systems.

**Limited Supply. Order Today.**  
**Call 1-800-241-BLDR**  
**It costs just \$29.95**  
**plus \$5.00 for shipping and handling.**



april 1999 / residential architect

# ad index

advertiser	page	circle	phone no.	fax	web site/e-mail
AIA Expo99	6	-	202-626-7395 617-859-4475	617-859-4354	www.aiaonline.com aiaexpo@hhcc.com
Alside, Inc.	70	320	800-922-6009	330-922-2175	www.alside.com
American Standard	35	273	800-524-9797, ext. 503	732-980-3335	www.americanstandard-us.com
Aqua Glass Corp.	69	303	901-632-0911	901-632-4232	www.aquaglass.com
Aristech Acrylics LLC	7	69	800-485-1124	606-283-7378	www.thedreamhome.com
Beam Industries	40	95	800-369-2326	515-832-6659	www.beamvac.com
Bruce Hardwood Floors	4	30	800-722-4647	214-887-2234	www.brucehardwoodfloors.com
Caradco (Part of the JELD-WEN family)	14-15	218	800-238-1866, Ext. C5	800-225-9598	www.caradco.com
Carrier Corp.	71	311	800-4-CARRIER	317-381-7025	www.carrier.com
CertainTeed Roofing	3	269	800-233-8990	610-341-7940	www.certainteed.com
Charlotte Pipe and Foundry Co.	64	318	704-372-5030	800-553-1605	
Cor-A-Vent, Inc.	8, 72	260, 306	800-837-8368	219-258-6162	www.cor-a-vent.com
Crane Plastics Co.	85	208	800-307-7780	614-443-1436	www.TimberTech.com
Crossville Porcelain Stone/USA	41	89	800-221-9093, ext. 8001	931-484-8418	www.crossville-ceramics.com
Designer Doors Inc.	8	74	800-241-0525		www.designerdoors.com
The Dow Chemical Co.	60	310	800-441-4369	517-832-1465	www.styrofoam.com
DuPont Tyvek HomeWrap	66	313	800-44-TYVEK	302-999-4135	www.dupont.com
Elk Corp.	C3	38	972-851-0400	972-851-0401	www.elkcorp.com
Eternit	84	210	800-233-3155 610-926-0100	610-926-9232	www.EternitUSA.com RonHruz@EternitUSA.com
GE Appliances	55	273	800-626-2000	502-423-9729	www.ge.com
Generac Power Systems, Inc.	73	304	414-544-4811	414-544-6231	www.generac.com
Georgia-Pacific Corp.	70	321	800-BUILD-GP	404-230-5624	www.gp.com
Habitat for Humanity International	2, 61, 80	-	912-924-6935		www.habitat.org
Habitat for Humanity International Special Advertising Section	60-80	-			
Heartland Building Products, Inc.	67, 85	317, 268	800-HEART-01 800-432-7801	601-728-0176	www.heart-land.com
HEAT-N-GLO, A div. of Hearth Technologies	47	261	888-427-3973	800-669-1464	www.heatnglo.com info@heatnglo.com
Henderson, Black & Greene, Inc. (HB&G)	64	319	800-264-4424	334-566-4629	www.hbgcolumns.com
Interactive Guide to Building Products CD-ROM	78, 81, 83-		800-241-BLDR		
James Hardie Building Products	72	305	888-J-HARDIE	949-367-0185	www.jameshardie.com
KitchenAid, U.S.A.	43, 65	300	800-253-3977 800-422-1230	616-923-3214	www.BuilderAppliances.com www.KitchenDesigners.com www.KitchenAid.com
Kolbe & Kolbe Millwork Co., Inc.	29	277	800-955-8177	715-845-8270	www.kolbe-kolbe.com

residential architect / april 1999





**Let your coverage work for you all year. Market your expertise using professional custom reprints.**

- ▶ **Include with marketing materials and proposals**
- ▶ **Create a direct mail piece**
- ▶ **Distribute at trade shows/events**
- ▶ **Use as an office display**
- ▶ **Reinforce your professional credibility with clients**

## REPRINTS MARKET FOR YOU

**Order REPRINTS of  
YOUR COMPANY'S  
feature from  
this issue**

**Call Janis Glazier  
(202) 736-3447**

**Minimum order:  
500 reprints**

april 1999 / residential architect

# ad index

advertiser	page	circle	phone no.	fax	web site/e-mail
Larson Manufacturing	68	308	800-352-3360	605-696-3445	www.larsondoors.com
Louisiana-Pacific Corp.	62-63	316, 271	800-648-6893 800-299-0028, ext. 216	503-796-0204	www.lpcorp.com
The Majestic Products Co.	19	234	800-842-2058	219-356-9672	www.majesticproducts.com
Nord Doors (Part of the JELD-WEN family)	10-11	221	800-877-9482, ext. ND1		www.doors-windows.com
OSI Sealants, Inc.	68	309	800-624-7767	440-255-1008 800-227-6095	www.osisealants.com
Partnership For Humanity	79	315	517-837-2819		
Patton Building Products	34	78	800-334-4126	800-255-4391	www.rivco.com
Pella Corp.	C2-1	19	800-54-PELLA	515-628-6457	www.pella.com
Product Literature	86-88	-			
Quik Drive U.S.A., Inc.	84	86	888-784-5663	615-451-9806	www.quikdrive.com
Sea Gull Lighting	28	20	800-347-5483	800-877-4855	www.seagulllighting.com
Silver Line Building Products Corp.	77	322	800-234-4228	732-418-0190	www.silverlinewindow.com
Simplex Products, a K2 inc. company	12	232	800-345-8881	517-265-3752	www.simplex-products.com
Simpson Strong-Tie Co., Inc.	9, 74	26, 302	800-999-5099	925-847-0694	www.strongtie.com
Sloan Valve Co.	9	90	800-875-9116	708-671-4611	www.flushmate.com
Softplan Systems	59	79	800-248-0164	615-370-1204	www.softplan.com
Style-Mark Inc.	66, 83	312, 265	800-446-3040 419-445-0116	419-445-4440	www.style-mark.com
Tischler Und Sohn (USA) Ltd.	C4	84	203-674-0600 800-282-9911	203-674-0601	
TrimJoist Corp.	46	22	800-844-8281	601-329-4610	www.trimjoist.com
Typar HouseWrap	76	307	800-321-6271	615-847-7068	www.reemay.com
Variform, Inc.	78	272	800-800-2244 816-635-6400	816-635-6942	www.variform.com
Velux-America	74	301	800-283-2831	800-388-1329	www.VELUX.com
Weather Shield Mfg., Inc.	21	25	800-477-6808 715-748-2100	414-289-0417	www.weathershield.com
Windsor Window Co.	57	27	800-887-0111	515-226-8935	www.windsorwindows.com
Whirlpool Corp.	65	300	800-422-1230	616-923-3214	www.KitchenAid.com www.whirlpool.com
Wolverine Vinyl Siding, A CertainTeed Corp.	45, 75	28, 314	888-838-8100	610-341-7538	www.vinylsiding.com www.siding.com

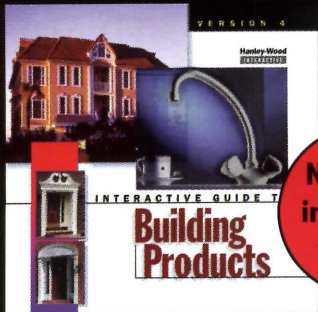
\* Issue mailed in regional editions.

Volume 3, number 3, *residential architect* (ISSN 1093-359X) is published eight times a year in 1999 by Hanley-Wood, Inc., One Thomas Circle, N.W., Suite 600, Washington, DC 20005. Copyright 1999 by Hanley-Wood, Inc. Opinions expressed are those of the authors or persons quoted and not necessarily those of Hanley-Wood, Inc. Reproductions in whole or in part prohibited without prior written authorization. *residential architect* is sent free of charge to qualified readers involved in the residential home design market. The publisher reserves the right to determine qualification criteria. Out-of-field subscription rates are: U.S., \$39.95; Canada and all other countries, \$U.S. \$49.95; airmail is additional. Single copy price is \$10.00. For subscription information write to: *residential architect*, P.O. Box 3241, Northbrook, IL 60065-3241. **Subscriber customer service:** 888.269.8410 / **Fax:** 847.291.4816. Periodicals postage paid at Washington, DC, and at additional mailing offices. Postmaster: Send address changes to: *residential architect*, P.O. Box 3241, Northbrook, IL 60065-3241. This issue mailed in regional editions.





# Products Products, Products, Products



**New and  
improved  
format**

## 17,000 products from 3,100 manufacturers

This Web-enabled CD is fast, easy-to-use and the most comprehensive database of its kind. It puts all the information you'll ever need about building products right at your fingertips. Just put the CD in your CD-ROM drive, click your mouse and you'll find:

- Up-to-the-minute information on over 17,000 building products
- Over 300 new product introductions
- Product catalogs for over 30 companies
- Links to hundreds of manufacturers' Web sites
- Manufacturers' addresses, phone/fax number, email addresses and ordering information

Compatible with both Windows and Macintosh-based computer systems.

**Limited Supply. Order Today.**  
**Call 1-800-241-BLDR**  
**It costs just \$29.95**  
**plus \$5.00 for shipping**  
**and handling.**



You've been **recognized**, now  
**maximize** your exposure!

Let your coverage work for you all year.  
Market your expertise using professional custom reprints.

- ▶ Include with marketing materials and proposals
- ▶ Create a direct mail piece
- ▶ Distribute at trade shows/events
- ▶ Use as an office display
- ▶ Reinforce your professional credibility with clients

**REPRINTS MARKET FOR YOU**

Order REPRINTS of  
YOUR COMPANY'S  
feature from  
this issue

Call Janis Glazier  
(202) 736-3447

Minimum order:  
500 reprints

## Architectural Accents®

Urethane Millwork by **Style-Mark, Inc.**



Our 25 years in business, combined with fast, courteous and reliable service, make Architectural Accents® the first choice of architects, builders and homeowners worldwide.

High style with easy installation and low maintenance reveal Architectural Accents® advantages over wood and plaster.

See for yourself how Architectural Accents® clean lines, sharp detail, consistent density, and smooth finish stand out when you compare it with other urethane millwork.

The Architectural Accents® product line includes thousands of standard products as well as custom manufactured profiles to meet your special project needs.

Call for a free Registered Product Specification Manual and DWG/DXF files.



**Style-Mark**  
INC.  
WE MAKE HOMES UNFORGETTABLE.

960 West Barre Road • Archbold, OH 43502

419/445-0116 • 800/446-3040

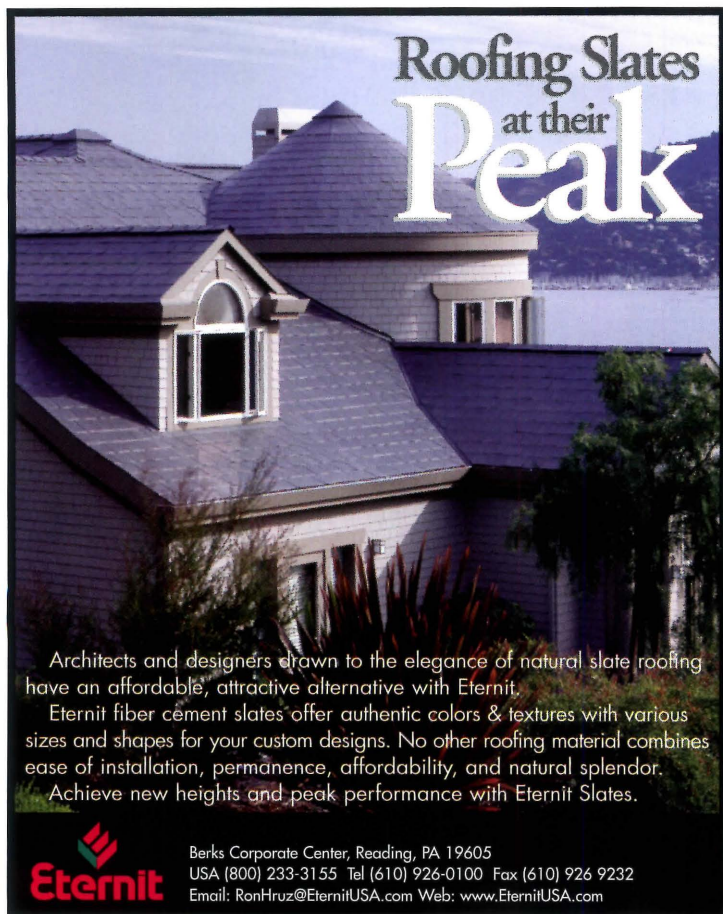
Fax 419/445-4440

<http://www.style-mark.com>

Copyright © 1999, Style-Mark, Inc. All rights reserved.



# Roofing Slates at their Peak



Architects and designers drawn to the elegance of natural slate roofing have an affordable, attractive alternative with Eternit.


Eternit fiber cement slates offer authentic colors & textures with various sizes and shapes for your custom designs. No other roofing material combines ease of installation, permanence, affordability, and natural splendor.

Achieve new heights and peak performance with Eternit Slates.

**Eternit**

Berks Corporate Center, Reading, PA 19605  
USA (800) 233-3155 Tel (610) 926-0100 Fax (610) 926 9232  
Email: RonHruz@EternitUSA.com Web: www.EternitUSA.com

Circle no. 210



*The one sure thing the future holds.*

*We'll be there.*

**American Red Cross**

<http://www.redcross.org> 1-800-HELP NOW

# STOP SQUEAKS!

**SQUEAKY SUBFLOORING** is the most common reason for new homeowner complaints and call-backs.

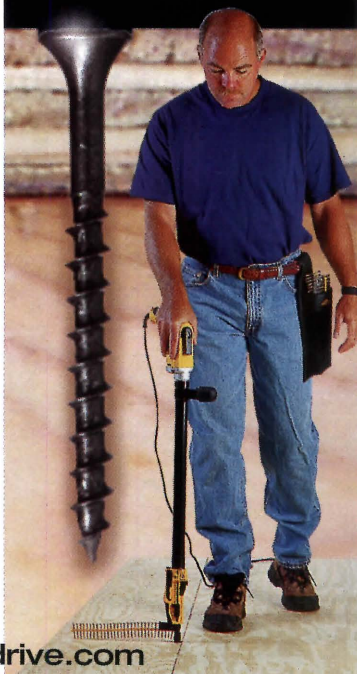
**THE SOLUTION** is quick, easy and inexpensive. Screws provide superior pull-down strength and long term holding power for non-squeak floors - at move in, and for years to come.

**IT'S NEVER BEEN EASIER.** The QD2000® Auto-Feed Screw System is ergonomically friendly, eliminates fastener waste and *drives screws with labor saving speed.*

**Quik Drive** offers fasteners for drywall, decks, steel framing, tile underlayment and more.

**Quik Drive**  
THE LEADING AUTO-FEED SCREW SYSTEM

1-888-784-5663 • [www.quikdrive.com](http://www.quikdrive.com)



Circle no. 86

## THE FREE R.A. BLOCH NATIONAL CANCER HOTLINE 1-800-433-0464

**W**hen cancer strikes you, your family or friends, reliable information is vital. Talking to a cancer survivor will help you or your loved ones successfully cope with this always-treatable, often-curable disease. All at absolutely no charge.

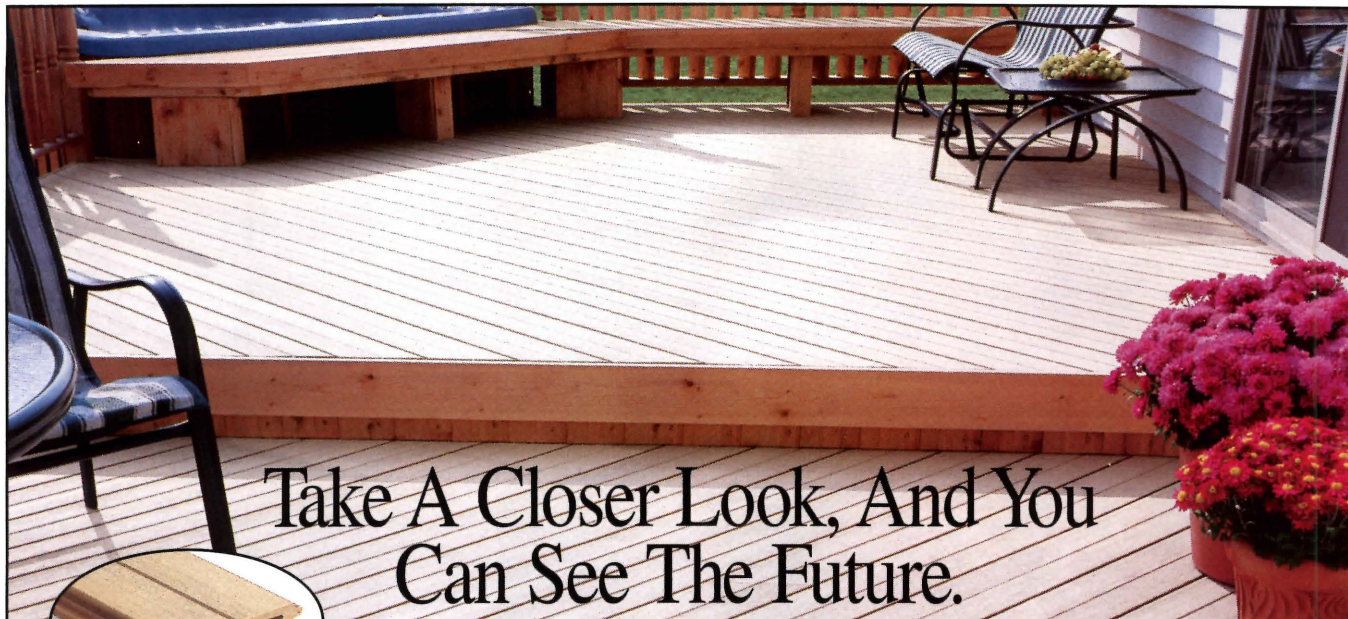
Call **1-800-433-0464, 24 hours a day** to be matched with a survivor with your type of cancer. Let the R.A. Bloch National Cancer Hotline help you get through the shock and uncertainty of a cancer diagnosis.

All calls are absolutely free, completely sponsored by Richard Bloch and Sprint, and donations are never, ever solicited. Our volunteers don't give medical advice — they talk from personal experience of beating cancer. Their "I've-been-there" experience might save your life.

Call now for help, comfort and hope.

**1-800-433-0464**





## Take A Closer Look, And You Can See The Future.



That's TimberTech® decking you're looking at. And if initial response is any measure, consumers are making it the wave of the future. That's because it won't rot, warp, split, splinter, or decay like wood. So it looks great when new, and after years of exposure to the elements. All with super easy installation, no exposed fasteners, and easy, "no sweat" maintenance, too. To find out more, call 1-800-307-7780. It can mean a better future for you.



A Crane Plastics Company product. Check it out on our web site at [www.TimberTech.com](http://www.TimberTech.com).

Circle no. 208

### SPECIAL ADVERTISING SECTION

#### HEARTLAND BUILDING PRODUCTS

is proud to be a Registered Provider for the American Institute of Architects Continuing Education System. The "New Design Opportunities with Vinyl Siding Program" presented by Heartland Building Products is a concise design program that qualifies for 1 Learning Unit. The program focus is to assist the design professional in the creation of a total maintenance-free exterior with architecturally preferred details and aesthetical finishing finishes.

CALL THE  
HEARTLAND  
ARCHITECTURAL  
DEPARTMENT AT  
1-800-432-7801  
TO SCHEDULE A  
PRESENTATION.

*Heartland*



Circle no. 268



# product literature

## CHADSWORTH'S 1.800.COLUMNS®

Voted No. 1 Brand in U.S.



**WOOD  
POLYSTONE™  
FIBERGLASS**

- Columns, pillars, pilasters, posts
- Worldwide shipping
- Competitive prices
- Interior/exterior
- Job-site delivery
- All sizes

IDEA BOOK \$15 soft cover,  
\$25 hard cover. Includes Columns  
Product Portfolio. Columns Product  
Portfolio \$5. FREE BROCHURE

1.800.486.2118

[www.columns.com](http://www.columns.com)

Historic Wilmington, NC  
Telefax 910.763.3191

Atlanta • London

Circle No. 401



### Make A Grand Exit

Roto's new **Roof Door** – the roof window that acts like a door – is the perfect solution for emergency window egress requirements. Available in one size: 29 x 46. It is the only Roof Door that hinges from the side like a traditional door. It can be installed either left- or right- opening. The Roof Door offers architects, designers, builders and remodelers greater flexibility for planning while aesthetically enhancing new or existing space.

See us at [www.sweets.com](http://www.sweets.com)

Call for free literature,

800-243-0893

Circle No. 402



## COLUMNS & BALUSTRADES

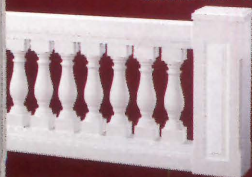
- Fiberglass Columns
- Wood Columns
- Marble/Resin Columns
- Synthetic Stone Columns
- Synthetic Stone Balustrades

For a quotation or  
free literature call:

800-963-3060

or visit our website at  
[www.meltonclassics.com](http://www.meltonclassics.com)

Circle No. 403



**Melton Classics**  
Incorporated



### Sheerline Maintenance-Free PVC Decking, Railing, and Post Cladding Systems

Ideal for decks, porches, balconies and boat docks — both residential and commercial — either new construction or remodeling. Our patented one-piece decking system is now available in a 12" wide plank, the widest, most cost-effective PVC decking in the market. SHEERLINE railing systems include the 3250 series and the 4500 series — attractive T-shape top rails with a variety of picket options. COLUMN-CLAD is an innovative, interlocking post cladding system for 4"x4" and 6"x6" and 8"x8" wood-en posts. All systems made with 100% U.V. stabilized, high impact rigid PVC for excellent outdoor weathering properties. Distributor inquiries welcome. Call or fax for more information. Phone no. 800-752-7739. Fax no. 704-664-2989. Circle No. 404



Home owners and commercial jobs alike are always looking for that "special" finishing touch and the new 45° Chamfer Bead offers you that opportunity with the latest contemporary designer look. Achieve dramatic special effects in finishing corners, ceilings, doorways, wall insets, book cases and more. Limited only to your imagination, the user-friendly application is simple and economical. As with all our industry leading rigid vinyl drywall accessory products, the new 45° Chamfer Bead is designed and produced from the finest quality materials and craftsmanship, available to you from inventory with unbeatable delivery schedules. Write, call, fax or check our web site and get all the facts and details of all our 200 leading edge products.

TRIM-TEX, INC. • 3700 WEST PRATT AVE.  
LINCOLNWOOD, IL 60645

PHONE 1-800-874-2333 • FAX 1-800-644-0216

web: [www.trim-tex.com](http://www.trim-tex.com) • Circle No. 405



# product literature



## Building? Remodeling?

If so, consider planning for the future by installing a Waupaca Elevator that is designed to fit your decor. A Waupaca Elevator means comfort, convenience, mobility, and safety. DON'T BE CAUGHT UNABLE TO REMAIN IN YOUR HOME IN CASE OF ACCIDENT, ILLNESS AND/OR AGE. Our custom capabilities assure there is an elevator to fit your needs. For further information contact:



**WAUPACA  
ELEVATOR** COMPANY, INC.  
Specify the Specialists™

**WAUPACA ELEVATOR CO.**  
1050 So. GRIDER ST.  
APPLETON, WISCONSIN 54914

Tel: 1-800-238-8739 • Fax: 1-920-991-9087 • Circle No. 406

## VINYL PORCH POSTS AND RAILING



**Weight  
Load  
Tested at  
5000 lbs.**

**Post  
104" Long**

**Can Ship  
UPS**

Colonial Style

**QUALITY FENCING & SUPPLY**  
New Holland, PA 17557  
**1-800-633-7093**

Circle No. 407



**Royal Corinthian, Inc. offers premium synthetic columns and balustrade systems.**

- ◆ Jobsite delivery. ◆ Durable and long-lasting for both interior and exterior applications.
- ◆ Wide variety of sizes, styles, and finishes. ◆ Custom orders.
- ◆ Patent pending balustrade system, which was designed by engineers, is easy to install.

For more information call 888-265-8661 or visit us on our website at [www.royalcorinthian.com](http://www.royalcorinthian.com).  
Circle No. 408

ENHANCE YOUR HOME...

*Custom*  
**RAIL**  
by **CDM**



ENGINEERED TO BE THE  
MOST ADVANCED,  
MAINTENANCE-FREE  
PVC PORCH RAIL SYSTEM  
AVAILABLE TODAY

**CUSTOM RAIL Features**  
Add Beauty and Value to  
Every Home They Touch!

- Impervious to Insects.
- Working with Custom Rail is Easy!  
No Special Tools for Assembly.
- Superior Weatherability. Unaffected by Extreme Temperatures.
- Traditional Styling without the Problems of Wood.
- Designed to Excel.
- The Highest Quality.
- 10 Year Limited Warranty.
- Exceed Boca UBC & SBC requirements

CUSTOM DECORATIVE MOULDINGS  
P.O. Box F • Greenwood, DE 19950  
TOLL FREE: 1-800-543-0553 • PHONE: 1-302-349-4937  
FAX: 1-302-349-4816 • [www.cdm.nanticoke.com/](http://www.cdm.nanticoke.com/)  
Circle No. 409



# product literature

There is not a better way to screen your porch



## Screen-Tight™ Porch-Screening System

- Low maintenance.
- Never needs painting.
- Easy to install, repair, and replace.
- No rusty nails, staples or saggy screens.
- Durable outdoor grade vinyl.
- Colors: White, Gray, Beige, Brown
- Perfect for 2x4, 4x4 frame construction.
- No mitering!
- Rescreening is a "snap"!

1-800-768-7325

[www.screentight.com](http://www.screentight.com)

Circle No. 410



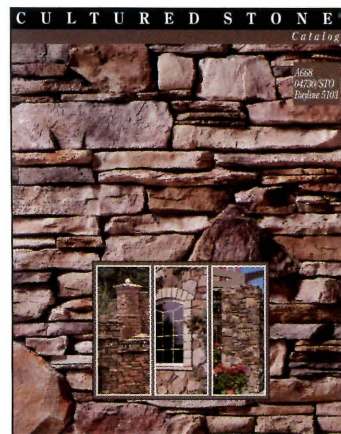
Porch Screening System  
US Patent 4899797



## Bessler Stairway Co.

Introducing Model 26, an excellent choice for the new home or as a replacement for worn-out folding attic stairs. Model 26 is a 1-piece sliding stair and fits standard folding stair openings. It is available for residential and commercial installations. Other models also available. Please visit our Web site at [www.bessler.com](http://www.bessler.com)

Circle No. 411



## CULTURED STONE®

Full-color 64 page catalog contains swatch and application photos of more than 80 Cultured Stone® products. Included are wall veneers, trim products, hearthstones and pavers. Cultured Stone® products look and feel like stone yet install for a fraction of the cost. Made in the U.S.A.  
(800)-644-4487.

Circle No. 412



## Classical Wainscot Wall Covering Now Affordable

The New England Classic™ Raised Panel System is a bold new concept in wainscot wall covering. Design an accent wall or entire room – It's easy to layout, quick to install and readily available. The system, made of high quality wood veneer and engineered wood, is available in Cherry, Oak, Maple and Paint-grade. Phone us at 888-880-NECI, or visit [www.homefittings.com](http://www.homefittings.com).

Circle No. 413

# WORTHINGTON

*Your source for fine architectural details*



Worthington carries a full line of architectural details. For more information on our mantels, columns, capitals, balustrades, niches, domes, brackets, medallions, moulding, table bases, pedestals, etc., call 1-800-872-1608 or fax 1-334-566-5390.

Visit our website:  
[www.architectural-details.com](http://www.architectural-details.com)  
e-mail us at:  
[worthingtonsales@usa.net](mailto:worthingtonsales@usa.net)

Shown: Sink pedestal created from a Greek Erechtheum Capital and a #403 Large Table Base.

Circle No. 414