

residential architect

A HANLEY-WOOD PUBLICATION / MAY 2000

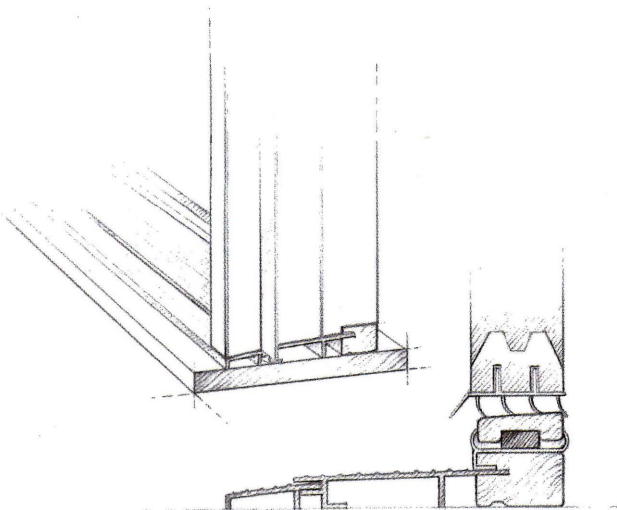
residential architect
design awards

mark mcinturff's
asphalt shingle cabin
wins project of the year

stand by your plans / shoji time /
metal for the masses / jefferson's lawn

www.residentialarchitect.com





- QUALITY AND CONSISTENCY LIKE YOU'VE NEVER SEEN IN AN ENTRY DOOR.
- TOTAL DOOR SYSTEM FACTORY-ASSEMBLED FOR QUALITY ASSURANCE AND EASY INSTALLATION.
- CONTINUOUS SILL DESIGN ELEVATES JAMBS AWAY FROM MOISTURE, PROVIDING SUPERIOR DURABILITY.
- PROTECTIVE PACKAGING SYSTEM GUARDS AGAINST DAMAGE DURING CONSTRUCTION.
- FULL RANGE OF GLAZED AND SOLID PANELS IN CHOICE OF STEEL OR FIBERGLASS.
- COMPLETE OFFERING OF MATCHING TRANSOMS AND SIDELIGHTS.
- SINGLE SOURCE FOR WINDOWS AND DOORS SAVES YOU TIME.
- AVAILABLE EVERYWHERE SPRING 2000.

THE NEW PELLA® ENTRY DOOR SYSTEM

The quality and innovation of Pella, now available in an entry door.



VIEWED TO BE THE BEST.®

- 1-800-54-PELLA
- WWW.PELLA.COM

Circle no. 19



THERE WAS A TIME
WHEN YOU COULD *Only* BUILD IT IN YOUR HEAD.



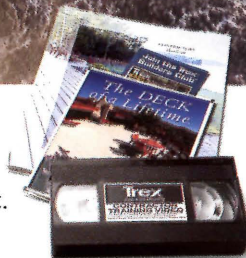
Freedom to create what you once only dreamed possible. Trex® Easy Care Decking®. No sealing. No splinters. No limits. V



© 1999 Trex Company, Inc. All rights reserved. TREX, the TREX logo, EASY CARE DECKING and THE DECK OF A LIFETIME are either federally registered trademarks, trademarks or trade dress of Trex Company, Inc. Winchester, Virginia.

www.trex.com or call 1-800-BUY-TREX ext. 632 for your Trex® Specifier's Kit.

Circle no. 33



Trex
The DECK of a Lifetime.®

My deadlines are not negotiable. Callbacks are not in my vocabulary.
So, I hire subs that use the best. This is my insulation.

KNAUF
Fiber
Glass
Insulation



For consistent
quality and a fast
no-hassles job,
choose NAHB-
certified Knauf
insulation install
by professionals.
Available in a full
range of sizes and
R-values.

Circle no.

KNAUF

contents



page 46

On the Cover: Architect Mark McInturff, winner of RADA 2000's project-of-the-year award; photographed by Tom Wolff
Above: Project-of-the-year photo by Julia Heine, McInturff Architects

from the editor... page 13

letters... page 16

home front... page 20

Words from a winner / Magnetic attraction / Pedal-pusher /
Calendar: Minnesota Modernist Ralph Rapson / Play time /
ULI's new prize / Book report: charter club and mother's way

practice... page 36

How to stop builders—and others—from stealing your plans.



cover story... page 45

The first annual *residential architect*
Design Awards drew more than
300 entries from around the country.
Here are the 24 winners.

by Meghan Drueding, Cheryl Weber, James Schwartz, and S. Claire Conroy

project of the year... page 46

Top honors go to a charmingly modest custom home by Mark McInturff and
Stephen Lawlor, of McInturff Architects, Bethesda, Md.

custom... page 50

Merit awards: Holabird & Root; SALA Architects; Rhotenberry Wellen Architects;
Swanston & Associates

renovation... page 58

Merit awards: McInturff Architects (two Merits); Hecht Scherding Architects

multifamily... page 64

Grand award: Perkins Eastman Architects

Merit awards: Baylis Architects; GMP Architects; Dean Marchetto & Associates Architects

affordable... page 72

Grand awards: John V. Mutlow, FAIA, Architects; Studio 804, University of Kansas
School of Architecture

Merit awards: John V. Mutlow, FAIA, Architects; Sherman-Carter-Barnhart Architects

production... page 80

Merit awards: Looney Ricks Kiss; Downing, Thorpe & James; KTGy Group;
Torti Gallas and Partners/CHK

on the boards... page 88

Grand award: James, Harwick + Partners

Merit awards: Ferguson Shamamian & Rattner; Studio A; Scheurer Architects

off the shelf... page 100

Shoji screens divide and conquer space.

doctor spec... page 104

Today's metal roofs are a whole new breed.

hands on... page 108

A rolling table for work and play.

great houses... page 136

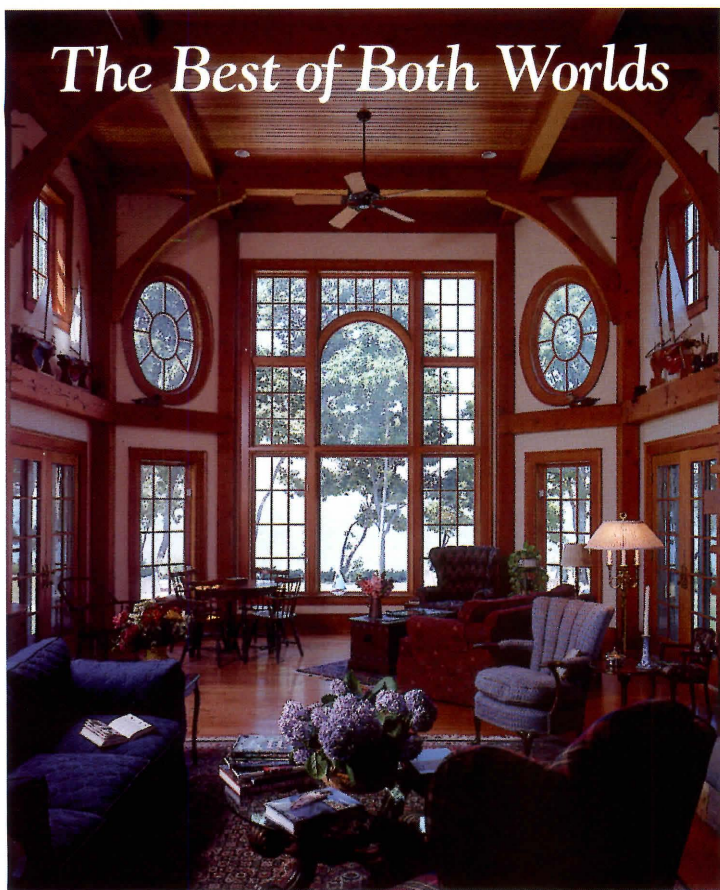
William Rawn on Thomas Jefferson, architect.





Fresh out of Europe. A whole new world of designs crafted to ABSOLUTE | PORCHER
American specifications. 1-800-524-9797 ext. 215 or www.americanstandard-us.com by American Standard

The Best of Both Worlds



A Process Made Easier...

DESIGN FLEXIBILITY

For thirty years, we have been facilitating timber frame projects for hundreds of architects. An important part of our success is allowing the architectural plan to dictate the frame design.

... A Home Made Better.

QUALITY CRAFTSMANSHIP

While structural integrity is imperative, functionalism must be married to form. Our experienced designers and craftsmen ensure that each timber in the frame performs its job both structurally and aesthetically.

Working with architects to design and craft the most beautiful timber frame homes imaginable.

Vermont Timber Frames, Inc.

7 Pearl Street, Cambridge, NY 12816

PH: 518-677-8860

FAX: 518-677-3626

Website: www.vtf.com

Email: jimgibbons@vtf.com



Circle no. 334

UK

residential architect

A HANLEY-WOOD PUBLICATION / MAY 2000

S. Claire Conroy / Editor / 202.736.3312 / cconroy@hanley-wood.com

Judy H. Neighbor / Art Director / 202.736.3331 / jneighbo@hanley-wood.com

Amy Doherty / Managing Editor / 202.736.3442 / adoherty@hanley-wood.com

Meghan Drueding / Senior Editor / 202.736.3344 / mdruedin@hanley-wood.com

Nigel F. Maynard / Associate Editor / 202.736.3438 / nmaynard@hanley-wood.com

Shelley Hutchins / Assistant Editor / 202.736.3407 / shutchins@hanley-wood.com

Katy Tomasulo / Assistant Editor, Products / 202.736.3403 / ktomasulo@hanley-wood.com

Kristina K. Goings / Graphic Designer

Catherine Underwood / Production Director

Karen Fulcher / Production Manager

Sanaa Harris / Ad Traffic Manager

George Brown / Digital Imaging Manager

Betty Kerwin / Digital Imaging Coordinator

Lucy Hansen / Marketing Director

Tim Ahlering / Publisher

Contributors

Susan Bradford Barror

Rich Binsacca

James Schwartz

Rick Vitullo

Cheryl Weber



Published by Hanley-Wood, LLC

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

Michael M. Wood / Chief Executive Officer

Frank Anton / President

Peter M. Goldstone / President / Magazine Division

John M. Brannigan / Senior Vice President

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

Janice Bigelow / 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 4, number 5. *residential architect* (ISSN 1093-359X) is published ten times a year in 2000 by Hanley-Wood, LLC, One Thomas Circle, N.W., Suite 600, Washington, DC 20005. Copyright 2000 by Hanley-Wood, LLC. Opinions expressed are those of the authors or persons quoted and not necessarily those of Hanley-Wood. 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.

Privacy of mailing list: We rent our subscriber list to reputable companies. If you do not wish to receive promotional material from other companies, please call us, toll-free, at 888.269.8410.



Virtually Invisible, Burglar-Proof, & Affordable!



**Looks like a
drainpipe!**



**Opens easily into a
full-sized ladder!**

The Mini-JOMY® is the ideal access and egress solution for residential applications up to 25 feet. The Mini-JOMY easily opens into a 17" wide ladder with slip resistant rungs. Meets ICBO and BOCA building codes and is guaranteed to provide a lifetime of maintenance free operation. 10 year warranty.

Circle no. 356

**For additional information
please contact us at
800-255-2591
or find us at www.jomy.com**

Your Feature In ^{residential} architect

The Ultimate Opportunity

You already choose the best products for all of your building and remodeling jobs, so why not use the best tools for your marketing jobs too?

Order custom reprints of your feature story from **BUILDING PRODUCTS** magazine and let these cost effective, ready-made marketing materials do your advertising for you.

- Distribute at local events
- Use as office display pieces
- Create a direct mail campaign
- Include with proposals

To order reprints of your company's feature from this issue call **Kerrie Harrison**

(877) 734-6650

Minimum order 500 reprints



Get More Out Of Your Basements

ScapeWEL® window wells create desirable new living space by adding unprecedented beauty and natural daylight to basement areas while providing safe emergency egress.

Unlike concrete window wells, ScapeWEL® requires no forming or pouring and is faster and more cost-effective than installing custom site-built wells. ScapeWEL® attaches directly to the window buck or foundation and requires no special ladder; since the stair



units are incorporated right into the attractive terraced planter design.

For more information on how sun-lit and code-compliant basements can give you more salable square footage and selling features call:

(203) 934-6363

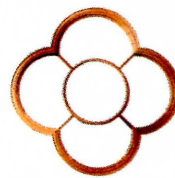
Web: www.bilco.com

Bilco®
Since 1926

P.O. Box 1203
New Haven, CT 06505

Better Living
[BASEMENTS]

No one will ever credit drywall for making a house mystical.



Design a house. Create a haven. Carefully place light and dark to entice the soul. Tell us what shape. What wood. What color. Tell us,



Weather Shield
Windows & Doors

will create it. Because imagination can't be found on a shelf. Call 1-800-477-6808 x2330 or visit us at weathershield.com. See the light.™

Circle no. 25

*Mix brick and mortar with
your index finger.*



Point. Click.

Choose a brick.

Choose your mortar and paint, too. It's that easy with BoralVision for Architects. Compatible with most CAD software, our computer imaging system allows you to mix and match many brand name products, like Blue Circle® Cement and Boral Bricks, until you find the colors and styles that work

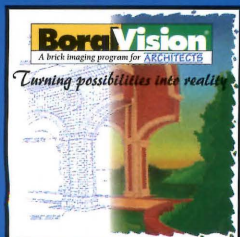
best with your design. And when it's time to make

a presentation, BoralVision gives you a fast,

cost-effective way to print as many high quality renditions as you have ideas. Find out how



BoralVision can help you enhance your designs and presentations. To locate your nearest Boral Bricks distributor, call 1-800-5-BORAL-5.



• FREE OFFER •

For a limited time, architects can receive a complimentary BoralVision for Architects CD. Simply call 1-800-5-BORAL-5 or visit our website at www.boralbricks.com and order yours today.

BoralVision is a trademark of Boral Bricks.

Circle no. 45

Offer valid while supplies last.

from the editor

hold on to your work

your life's accomplishments may be more ephemeral than you think.

by s. claire conroy

I've got a great job. It's fascinating, challenging, enlightening. Best of all, it's a wonderful creative outlet.

Each issue, I and our staff of editors and freelance writers begin with a broad topic to explore—like remodeling, custom homes, production housing. Then, we head out to research and report. As we pursue stories, what started as vague and loose becomes more distinct and solid.

Here's where the creativity kicks in. On a sturdy framework of facts, we apply our art—our talent and skill as writers and editors. Our first job is to communicate clearly, but once that's accomplished, we're free to grasp for as much beauty in the language as our ability allows.

It sounds a bit like your job, doesn't it?

preserving beauty

We each have something solid and beautiful to show for our effort. I have a handsome magazine to tuck in my bookshelf; you have something even more substantial and meaningful: you have a house.

But wait a minute. You

don't really have that house, do you? Your clients do.

The best you can hope for when you're done with your creative enterprise is to secure visitation rights. As time passes, your grasp on that house grows weaker. The clients sell, strangers move in, they remodel without your help, or—heaven forbid—they tear the whole place down. Maybe the worst thing that happens is your clients don't properly maintain the house. With each passing year, it looks a little less beautiful.

How can you hold on to your work? How can you preserve it for yourself, your family, your prospective clients, your biographer? You can photograph it, that's how. Professionally, thoroughly, quickly. The potential benefits to you and your career are enormous. With those photos, you can build a Web site, contact a magazine, put together a brochure or a lecture, and enter awards programs.

undiscovered talent

Of course, I have a selfish motive here. I want to see your work in the pages of our magazine and I want you to enter our awards competitions. We've



Photo: Katherine Lambert

launched a new one this year. The results of our first annual residential design awards program begin on page 45. We have some beautiful projects among our winners, but I know there are other impressive projects out there, undocumented, slipping out of everyone's grasp.

I understand professional photography is very expensive. But there are ways you can defray those costs. Divide the fees among your builder, interior designer, landscape architect, lighting designer, and other important members of the creative team. Approach manufacturers whose products you speeded for contributions. Go to the big-ticket folks first—the window, roofing, flooring compa-

nies. Some manufacturer associations may help, too.

At the very least, take your camera and shoot several rolls of film. Send those "scouting shots" with a floor plan and a project description to the editors of magazines you admire. Many will split the cost of photography or foot the bill entirely, depending on their budgets. All it takes is a little enterprise and ingenuity.

Don't let your best work slip away. **ra**

Questions or comments? Call me: 202.736.3312; write me: S. Claire Conroy, *residential architect*, One Thomas Circle, Suite 600, Washington, D.C. 20005; or e-mail me: cconroy@hanley-wood.com.

CERTAINTEED. LEADING IN VALUE SINCE 1904.

3 NEW
COLORS

Cedar Impressions
Perfection Shingles

3 NEW
COLORS

Cedar Impressions
Half-Round Shingles

Cedar Impressions®

Introducing Hand-Split Shakes and Narrow Sawn Shingles. From CertainTeed. Now there are two new ways to offer homeowners the beauty, durability, and quality of Cedar Impressions siding.

Like our popular Perfection and Half-Round shingles, these two new designs are molded from real hand-selected cedar. They're made with our new patented TrueTexture™ extrusion process. And they have all the character of wood — without the maintenance required of wood.



**NEW
STYLE**

**Cedar Impressions
Hand-Split Shakes**



**NEW
STYLE**

**Cedar Impressions
Narrow Sawn Shingles**

ust got rougher. And smoother.

nd because they're part of CertainTeed's coordinated Siding Collection™,
pressions shingles can be mixed and matched with other styles
d our wide range of decorative trim to help you create unique homes.

Backed by the industry leader. With the security of CertainTeed's
nited lifetime warranty. And the power of our industry-leading sales
upport program. Find out more today. **Call 1-800-233-8990.**



The two new designs are available
in our most popular Cedar Impressions
colors — light maple, country suede,
colonial white, sterling gray, desert tan,
and natural clay.

Cerl nTeed 

Quality made certain. Satisfaction guaranteed.

Circle no. 313

www.certainteed.com

letters

keep those cards, letters, and e-mails coming, folks.

a positive note

Just wanted to send a note expressing how much I enjoyed the February issue—and not just because of the Perspective article I wrote (“Low-End Luxury,” page 20). Your magazine is the only one I know of that really focuses on residential architecture in such a true sense, and the projects you highlight are always of great interest. I think the Habitat section (“The

Homes for Habitat Design Awards,” page 25) was exceptional. Keep up the good work.

*Ed Binkley, AIA
Bloodgood Sharp Buster
Orlando, Fla*

code words

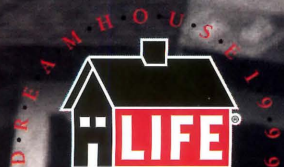
It is a dark and rainy day in the Northwest and I have just spent the morning going through back issues of architectural magazines in the office. In the process, I came across your

May/June 1999 issue and reread the “Fine Red Lines” (page 83) article about code compliance issues. I was not sufficiently disturbed upon the first reading of the hanging handrail project (page 88) to write, but the second reading did it.

The building code in use was not specified. However, in addition to not meeting guard-rail requirements, the handrail does not appear to meet



graspable standards of the Uniform Building Code. The article also mentions an office in the basement area but does not state whether or not the public will use this stair to gain access to the office space. The article also does not reveal whether the hanging handrail was approved as part of the plan review for permit or



*Cabot is a supplier
to the 1999 LIFE
Dream Houses.*

LIFE is a registered trademark of Time, Inc.
Used with permission.

constructed without prior approval and therefore without a valid permit, another potential violation of the code.

UBC Section 104.2.8 provides alternatives and the method of documentation for alternative code compliance. A licensed professional architect should clearly understand and support the various building codes and either prepare a design in minimum code compliance or obtain approval of an alternative design prior to its construction. From the designer's statements, it appears an excess of design ego got in the way

of his creativity and aesthetic good sense. I presume a licensed architect and AIA member is otherwise both capable and competent enough to dispose of this matter in compliance with the codes.

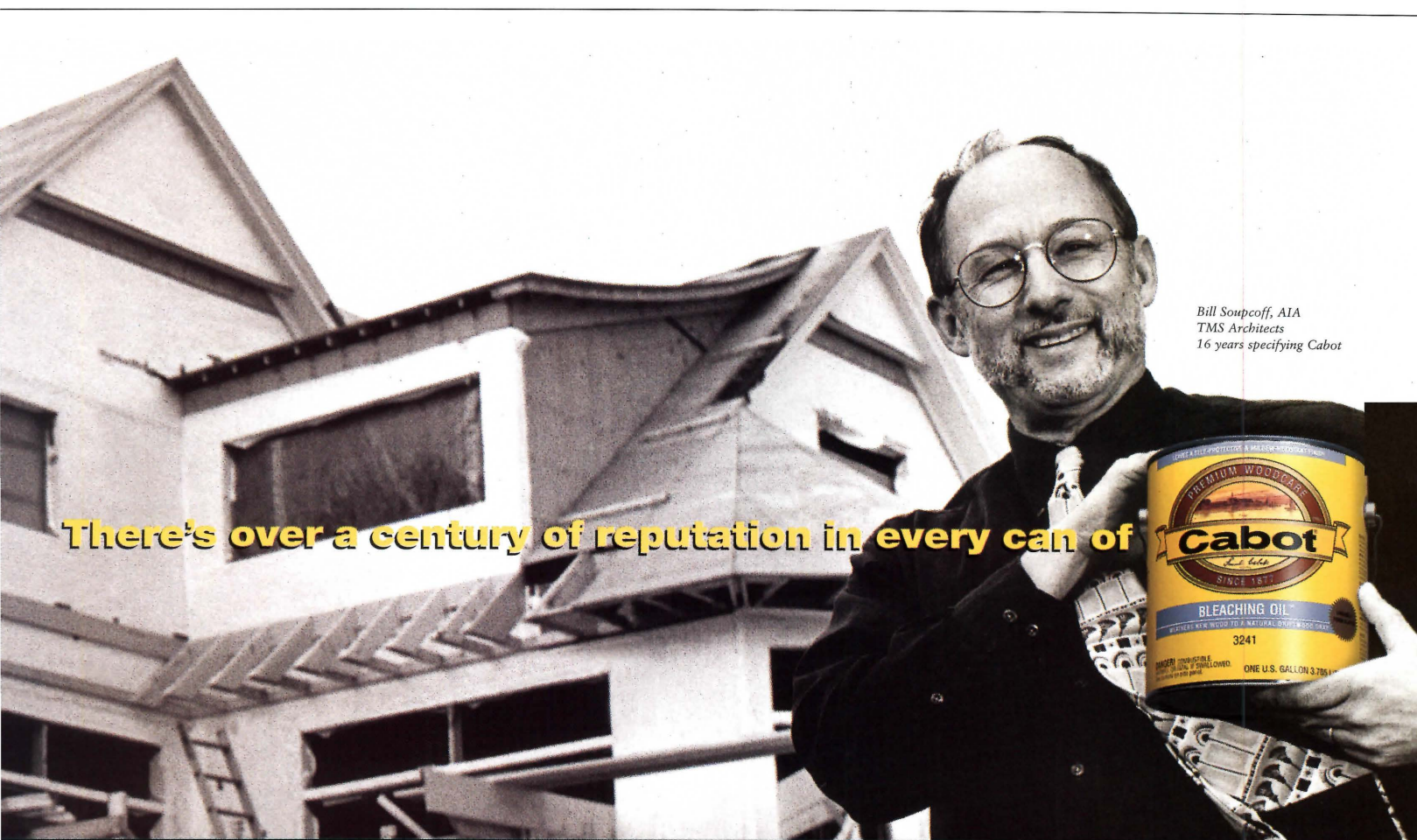
I know of no authority given to a code official to accept a personal waiver of responsibility from the owner of the property in lieu of code compliance and I can find no justification, short of political, for such an accommodation. In this case, the architect of record, the contractor, the owner of the property, the individual code official, and the jurisdiction

may all be liable for damages, in varying degrees, should an injury occur due to code violations. Guests may have children. The property may be sold to people with children. An older person, or someone with limited hand strength or grasping ability, may use the stair. Then what?

Your staff should consider the repercussions when publishing articles that seem to encourage something other than full compliance with the law. The code is intended to protect the public—and enforcing officials are not enemies of the design community.

*Lowell D. Erickson, AIA
The Erickson Architects
Bellevue, Wash.*

The editor replies: You are, of course, correct in emphasizing the importance of code compliance. And you are also correct to point out that there is, indeed, some ambiguity in the article you cite surrounding the issue of whether the hanging handrail complies with code. In hindsight, we regret that ambiguity and apologize for any impression the article may have given that we support anything less than full code compliance.

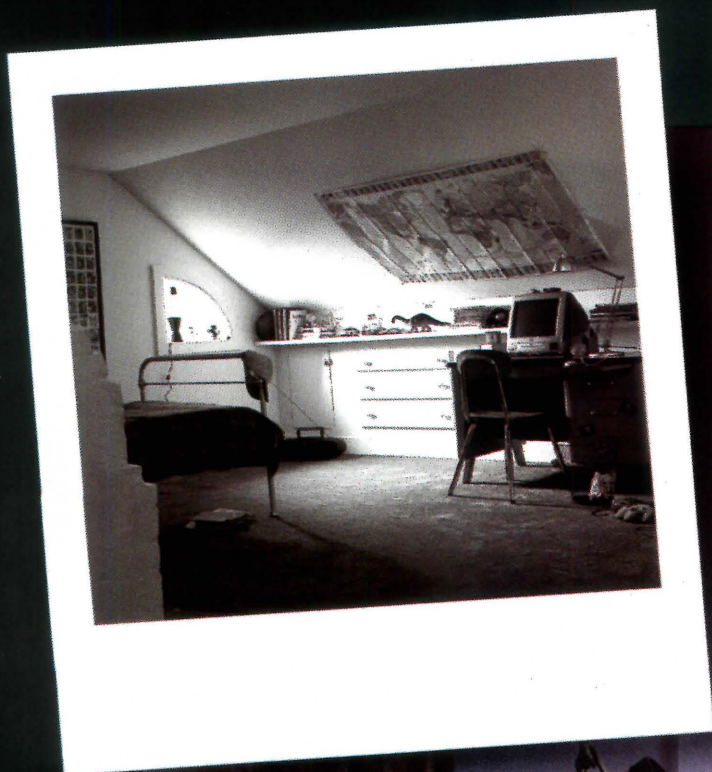


There's over a century of reputation in every can of

*Bill Soupcoff, AIA
TMS Architects
16 years specifying Cabot*

Cabot
SINCE 1871
BLEACHING OIL
3241
ONE U.S. GALLON 3.785 L

To learn more about specifying Cabot products, call 1-800-US-STAIN ext. 347, or visit www.cabotstain.com/347



Roof Window model GPL 606 — \$629 each.



It's a lot
easier to
reach for
the stars
when
you can
see them.

VELUX®
ROOF WINDOWS
AND SKYLIGHTS

For more information call 1-800-283-2831. www.VELUX-AMERICA.com

Circle no. 23

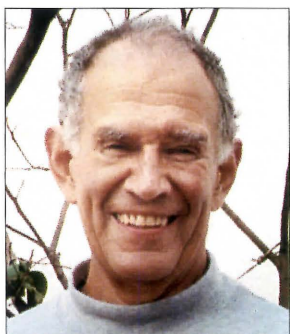
home front

tips and trends from the world of residential design

gold star

at a recent press conference in Washington, D.C., AIA Gold Medal 2000 winner Ricardo Legorreta, Hon. FAIA, (below, left) shared his views on architecture and design. Some excerpts:

On residential design: "I like it because you face the client directly. It's different from designing, say, an office building, because you're dealing one-on-one with a human being. It's a real challenge ... We do no more than two houses at a time, because it's very time-consuming for us ... We design houses down to the doorknobs."



On color: "Color to me comes from a very deep cultural tradition. In Mexico [Legorreta's native country], color is an everyday thing. It's not an intellectual thing. People love to paint their own houses with bright shades and dress colorfully—it's very natural. For me, choosing color is a purely emotional process ... Sometimes I choose the color before I even do the design."

On learning from the past: "Historical structures have a very strong influence on me ... To truly understand a building you have to go back to its roots ... Understanding the past is not the same as nostalgia. The challenge is to take the past and go forward."—*meghan drueding*





Photos: (houses) Lourdes Legorreta;
(portrait) Courtesy Legorreta Arquitectos

Legorreta's residential portfolio includes homes in the Mexican resort town of Valle de Bravo (above and below, center); Monterrey, Mexico (below, left); and Sonoma, Calif. (below, right).



look, ma, no tape!

As refrigerators everywhere turn green with envy, a novel product is lending run-of-the-mill walls remarkable magnetic powers. Liquid Magic Wall, an acrylic latex paint, turns any wall into a magnet-receptive surface, allowing designers to incorporate a convenient message center into kitchens and home offices. The coating can be covered with almost any color paint and spread to any size, from a thin strip near the computer to a 2-by-2-foot square near the telephone.

And the product's design capabilities aren't limited to just walls. Shona Dockter, a decorative paint company owner in Roseville, Minn., coated the front of a floor-to-ceiling pantry cabinet, then covered it with chalkboard paint, creating a message surface for both magnets and chalk. The paint is benefiting her business as well as her kitchen, as customers are beginning to request more information on the product's possibilities in their own homes.

Containers are available in pint (\$25), quart (\$36), and gallon (\$93) sizes. Liquid Magic Wall is applied like regular paint, dries in about four hours, and can be painted over within 24 hours. For optimum magnetic capability, multiple coats should be used. Call Kling Magnetics at 800.523.9640 or visit www.kling.com for more information.—*katy tomasulo*



Charlie Brown

clean machine

- Institutional foot pedals are put to
- clever household use under a vegetable
- sink in this San Francisco kitchen

remodel. "I have a foot pedal in my own kitchen," says Bruce Tomb, who designed the kitchen with former partner John Randolph. "They're great because your hands are free to work in the sink, and because you can turn it on and off effortlessly, you tend to use less water." The maple cutting board is another motion saver. It's notched to slide easily along the countertop.

Instead of repairing the scar on the wood

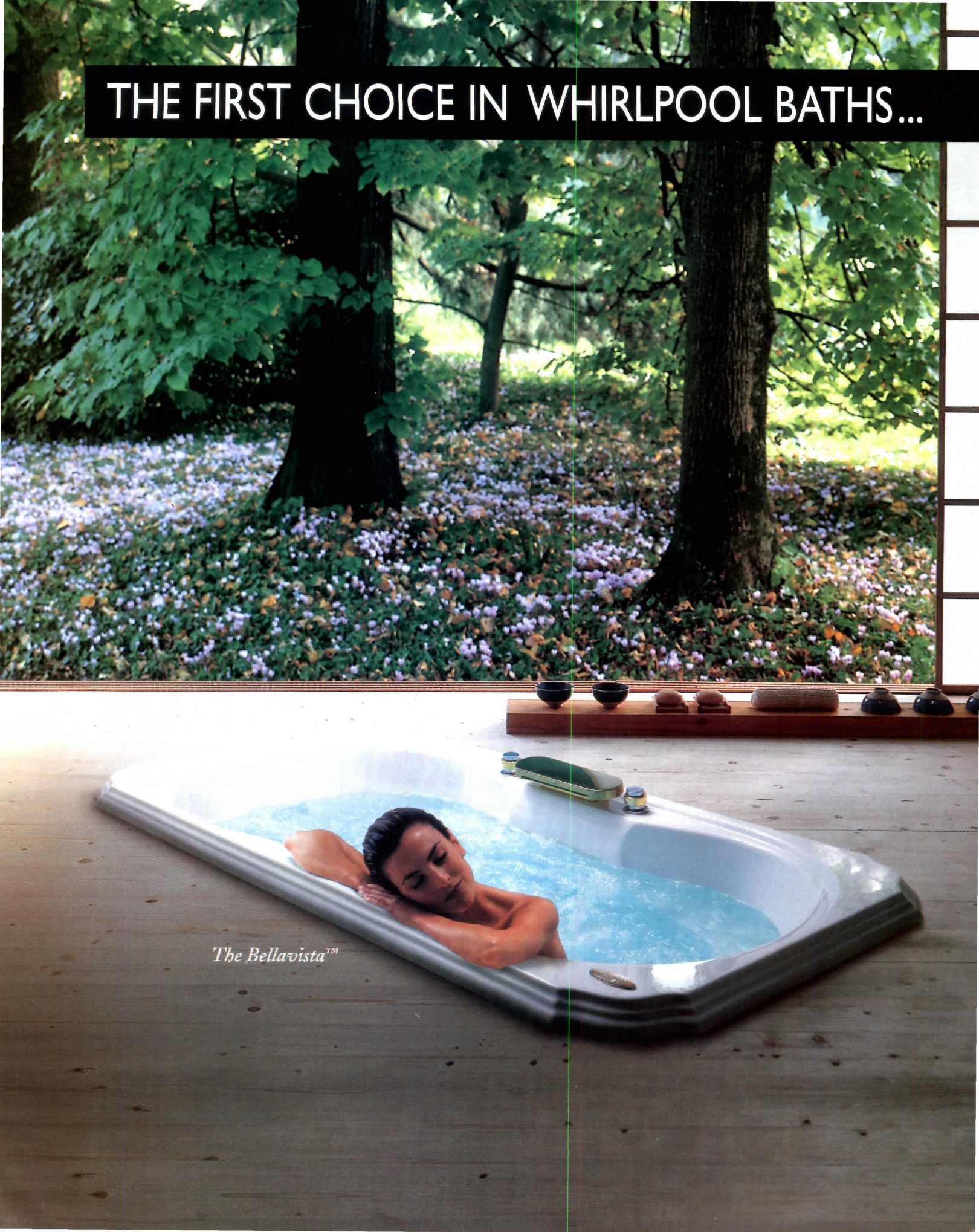


Tim Street-Porter

floor left by the old base cabinets, the designers used glass tile that wraps upward to become a backsplash.

This story first appeared in residential architect's sister publication REMODELING.

THE FIRST CHOICE IN WHIRLPOOL BATHS...



The Bellavista™

The Sofia™ Suite



The Trivella™ Suite



The Chipriani™ Suite



The Gianni™ Suite

...IS THE NEW CHOICE IN BATHROOM SUITES

Now you can offer your customers Jacuzzi quality, style and performance on a grander scale. Because now there is a complete collection of Designer and Builder sinks, toilets and bidets beautifully designed to coordinate with Jacuzzi® whirlpool baths and shower systems. Choose from a breathtaking array of colors and styles to fit every taste and budget, all made in America and backed by Jacuzzi. It's not just a bathroom. It's a statement of quality.

Only from the innovator of bathing luxury.



THE GENUINE BRAND.

Jacuzzi Whirlpool Bath and Jacuzzi are registered trademarks of Jacuzzi Inc.

Circle no. 67

Call or click for information and a free catalog JACUZZI WHIRLPOOL BATH
1-800-288-4002 www.jacuzzi.com

calendar

ralph rapson: 60 years of modernism

through may 28

octagon museum, washington, d.c.

The Minneapolis Institute of Art and the University of Minnesota's Frederick R. Weisman Art Museum organized this celebration of Ralph Rapson's six decades of architecture, furniture design, and urban planning. Rapson, who still practices architecture in Minneapolis, was among the first American architects to embrace Modernism. For details about the exhibit, call 202.638.3221.

millennium models

through june 1

pacific design center, los angeles



This exhibit of the work of New Blood 101, a group of young L.A. designers and architects, aims to provoke and surprise by subverting traditional approaches to design. The show features three-dimensional models of homes, buildings, products, and concepts. Shown here: model of a residence by Hagy Belzberg. For more information, call 310.657.0800.

national design triennial

through august 6

cooper-hewitt national design museum, new york city

A comprehensive look at American architecture, product design, and graphic design. Call 212.849.8300 for details, or go to www.si.edu/organiza/museums/design/ndm.htm.

frank lloyd wright: windows of the darwin d. martin house

through august 20

national building museum, washington, d.c.

View windows, doors, and skylights created by Frank Lloyd Wright for the Darwin D. Martin House Complex (1906) exhibited in an installation that duplicates the spatial relationships in the original buildings. Call 202.272.2448 for details, or go to www.nbm.org.

a century of design, part II: 1925-1950

may 9–october 29

the metropolitan museum of art, new york city

The second of the Met's four-part series of exhibitions surveying design in the 20th century highlights major European Modernist designers of the Bauhaus, De Stijl, Scandinavian, and other avant-garde design movements. At right: armchair (1927) by Ludwig Mies van der Rohe. For more information, call 212.535.7710, or go to www.metmuseum.org.



american modern, 1925-1940: design for a new age

may 16–january 7

metropolitan museum of art, new york city

More than 135 objects—including furniture, appliances, lamps, and the like—created by the first generation of American industrial designers will be on display as part of this special exhibition at the Met. For details, call 212.535.7710, or go to www.metmuseum.org.

the home show

june 4–august 20

walker art center, minneapolis

This comprehensive exhibition examines the past, present, and future of domestic design. Highlights include The Un-Private House, a traveling exhibit organized by New York's Museum of Modern Art; the work of Los Angeles artist Mark Bennett, whose detailed blueprints of television houses from such sitcoms as "The Brady Bunch" explore the media's role in shaping society's notions of home; and a retrospective of the gallery's own Idea House projects of the 1940s. Shown here: sleeping and bathing area of the Ost Kuttner Apartments in Manhattan (1997), by Kolatan MacDonal Studio, from The Un-Private House. For details, call 612.375.7622 or visit www.walkerart.org.



© Michael Moran

CertainTeed Corporation -
Advancing the Building
Design Profession by
Promoting Your Continuing
Education. Online Courses
at www.certainteed.com

18 Credits in 4 Days!

Come to AIA's National Convention
in Philadelphia (May 4-6) to earn
valuable continuing education credits
at seminars and on the expo floor. All
credits will be electronically recorded
for AIA members immediately follow-
ing the convention. For details visit:
www.aiaconvention2000.com

Circle no. 281

Continuing Education... IT'S A CLICK AWAY



CertainTeed 
BUILDING SOLUTIONS™

CONTINUING EDUCATION EVENTS

WHEN	THE EVENT	LOCATION	DESCRIPTION
MAY 2-3	AIA/CES Providers Conference	Philadelphia, Pennsylvania	This event is designed for AIA/Continuing Education System Providers both old and new. Learn how to play a key role in the professional development of architects and about new guidelines for 2000. Contact Kay Kane at kanek@aiaemail.aia.org.
MAY 4-6	AIA 2000 Convention & Expo	Philadelphia, Pennsylvania	The AIA 2000 Convention, "New Century-New Vision," will provide a forum to address the profession's impact on the future of our communities. Visit www.aiaconvention2000.com for more information.
MAY 12-14	AIBD Mid-Atlantic Conference	Lancaster, Pennsylvania	Highlights of this conference include a tour of old Lancaster, the Amish country and seminars on the historic significance of farmhouse structures and timber framing. Contact Elaine Farrell at efarrell@farrell-assoc.com.
MAY 17	CAAD Primer: An Intro to 3-D Modeling and Rendering	Charlottesville, Virginia	This twenty-hour program introduces three-dimensional computer aided architectural design, digital terrain modeling, and rendering. Contact Roseanne Parks at parks@virginia.edu.
JUNE 9-11	AIBD Texas Society Convention	Corpus Christi, Texas	Headquartered on the beach, this convention will feature a tour of Heritage Park – a group of historic buildings that were restored after being moved to a city park from various locations around Corpus Christi. Contact Lilli Gonzalez at texasaibd@aol.com.





It's not like the rest.

The new Clad Ultimate Double Hung.

No compromises. That was our objective. So we made over 100 design changes. Gave it clean, traditional lines and an all-wood interior. Eliminated un-sightly, vinyl jamb liners. Developed an exclusive integrated sash tracking and locking system, for easier opening, closing and cleaning. And wrapped its exterior in extruded aluminum clad with a unique profile that closely matches the character and detail of wood. Presenting the new Clad Ultimate Double Hung. It's one of a kind.



Look closely. No vinyl jamb liner. An all-wood interior. Plus, it tilts easily for cleaning.

You get a window that's beautiful inside and out.



MARVIN 
Windows and Doors

Made for you.

For a free product brochure, call 1-800-236-9690.

In Canada, 1-800-263-6161 www.marvin.com

0950005A

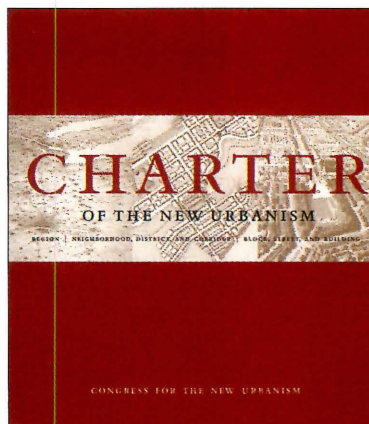
book report: charter club and mother's way

The New Urbanism is neither new nor exclusively urban. Get past the clunky nomenclature, however, and it offers a compelling antidote to sprawl. The *Charter of the New Urbanism* attempts to set forth the movement's guiding principles in 27 essays by planners and architects who consider themselves its evangelists.

The so-called principles fall under three headings. Those within "The Region: Metropolis, City, and Town" address economic issues, land use, infill, historical influences, affordability, and transportation. "Neighborhood, District, and Corridor" covers topics relating to neighborhood identity, pedestrian friendliness, housing diversity, transit, design codes, and the need for parkland. The final section, "Block, Street, and Building," looks at the buildings and byways

that make up our communities.

Unfortunately, these "guiding principles" read not like a charter, but like a collection of master's theses written by exceptionally bright planning students. There is no consistent style or voice. A "guiding principle" on infill development, for example, cites only Chicago, the contributor's hometown. Regional revenue sharing is addressed solely from the author's experience in Minneapolis/St. Paul. Other essayists, however—notably Elizabeth Plater-Zyberk, Bill Lennertz, and Ray Gindroz—are to be commended for their focused and comprehensive treatment of the principles they write about.

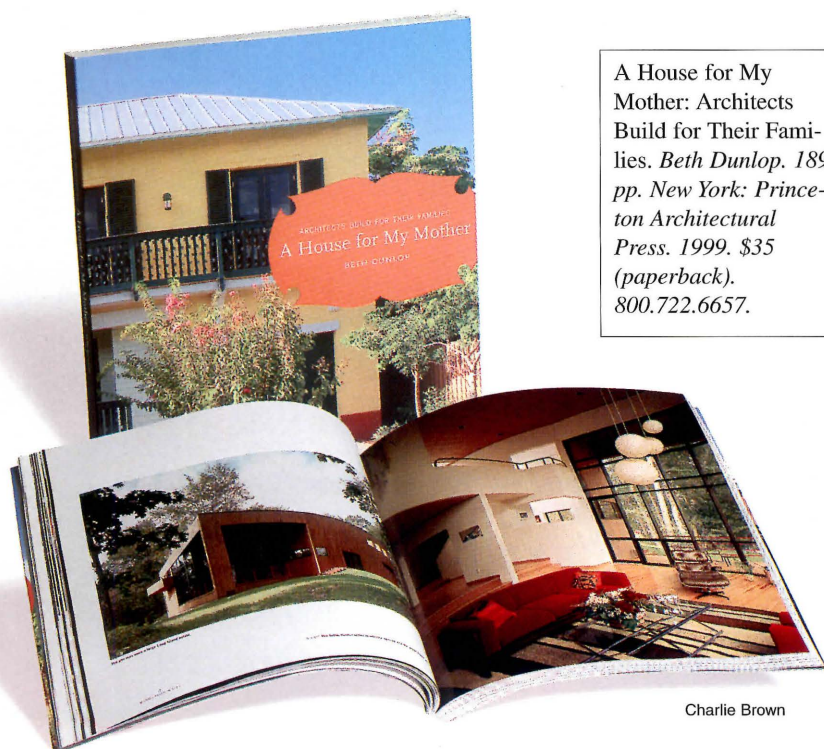


Charter of the New Urbanism. Congress for the New Urbanism; Michael Lescese and Kathleen McCormick, editors. 194 pp. New York: McGraw-Hill. 2000. \$50 (paperback). 415.495.2255.

As a provocative and intelligent collection of thoughts on contemporary planning, it works well. But to call it a charter is a stretch.

A lighter and lovelier collection is to be found in *A House for My Mother*. Architecture critic Beth Dunlop visits 25 houses designed by architects for their parents. The author profiles work by "names" such as Robert Venturi, Richard Meier, Charles Gwathmey, and Peter Bohlin. But she also features lesser-known architects still building their careers.

A House for My Mother is at once architectural and delightfully personal. Dunlop describes the family needs and politics that shaped each house, and illustrates most with homespun photos of family members. Sadly, much of the architectural photography looks homegrown as well. But mediocre photography can be overlooked if we take this book for what it is: an intimate look at parent-child relations and the creative process of making a house a home.—susan bradford barror



A House for My Mother: Architects Build for Their Families. Beth Dunlop. 189 pp. New York: Princeton Architectural Press. 1999. \$35 (paperback). 800.722.6657.

Charlie Brown

Remember when architectural millwork used to cost a fortune?



NOT ANYMORE!



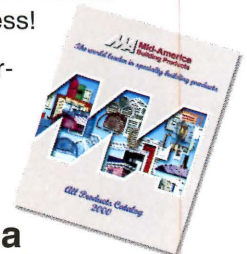
Now There's Exterior Accents from Mid-America

Designed for today's builders & remodelers, Mid-America's full line of exterior accents include: Exterior Dentil Trim, Window Mantels, Door Surrounds, Oval and Octagon Accent Windows, Sunbursts and Sunbursts with Extensions. All are constructed of a tough, durable copolymer which virtually eliminates callbacks and ensures years of worry-free performance. Most are offered in over 100 colors to match or complement any exterior decor and all are covered by a 40 year transferable warranty which includes the finish. Best of all, they are affordably priced and in-stock for shipment within 48 hours!

Affordable solutions have always been an important aspect of the Mid-America Building Products program and

now when you need it the most, Mid-America Exterior Accents give you more for less!

Contact your local distributor for information on our entire product line or call us to receive the **Mid-America All Products Catalog for 2000.**



**Mid-America
Building Products**

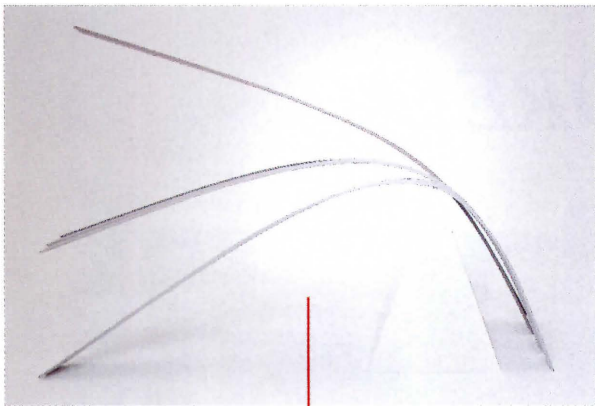
A TAPCO INTERNATIONAL COMPANY

Plymouth, Michigan USA • Telephone: (800) 218-8430
Web site: www.tapcoint.com • E-Mail: marketing@tapcoint.com

©2000 Mid-America Building Products, A TAPCO INTERNATIONAL COMPANY

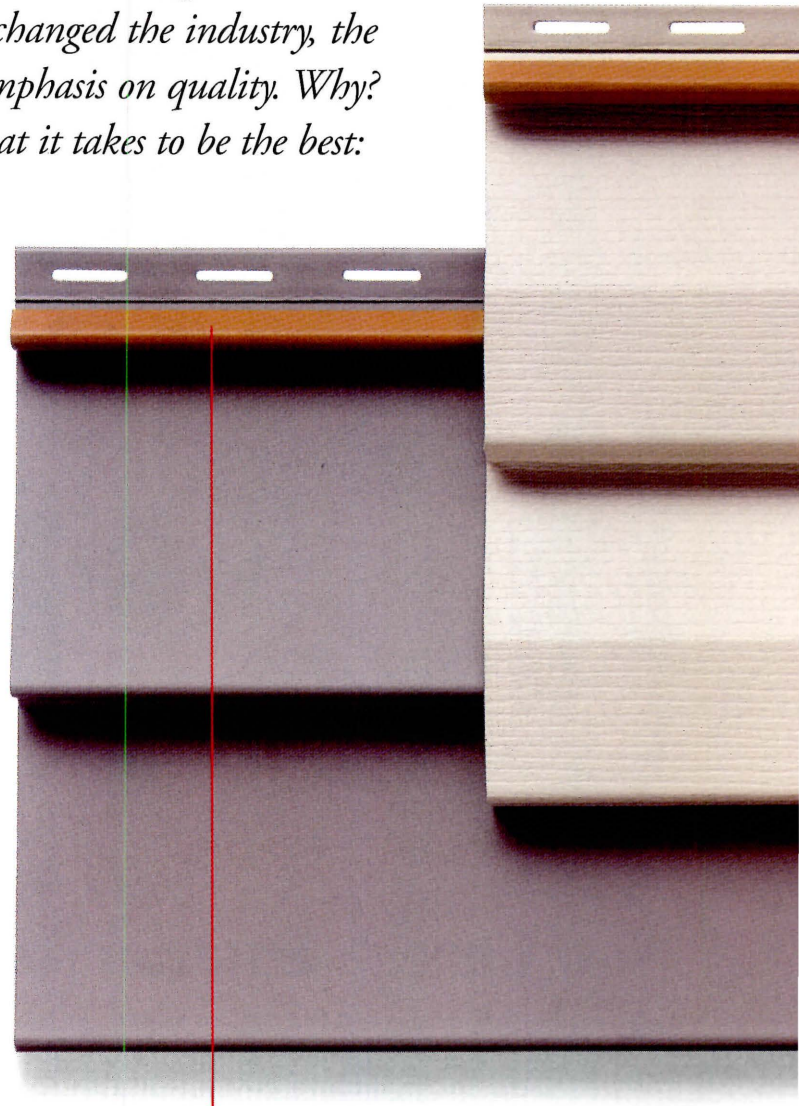
What it takes to be the best.

Charter Oak™ reinforced premium vinyl siding is one of the best-selling and most highly praised sidings on the market. It's called the siding that changed the industry, the panel that prompted a renewed emphasis on quality. Why? Because only Charter Oak has what it takes to be the best:



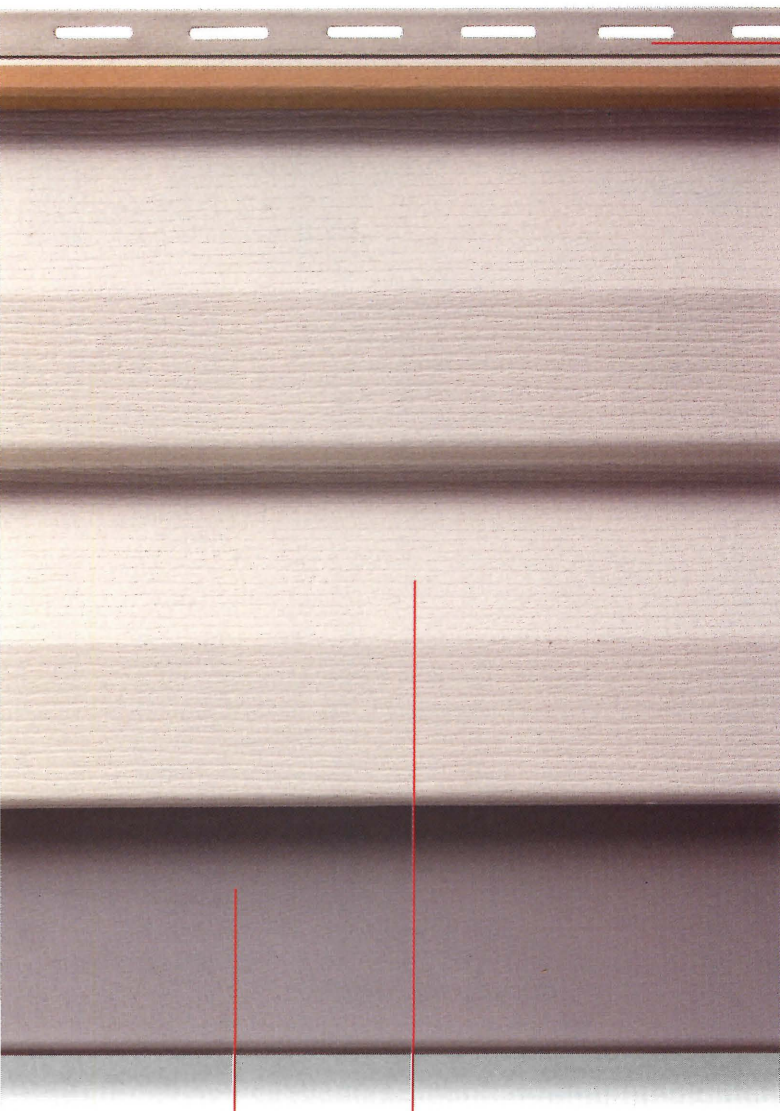
Unbeatable rigidity.

Integral TriBeam™ reinforcement stiffens panels like no other vinyl siding. Others have tried to make an equally rigid siding, but independent tests prove Charter Oak still leaves the competition sagging. Whether it's new construction or remodeling, count on installations with the flat, uniform lines of solid siding.



Easy, cost-effective installations.

Only Charter Oak gives you one-piece reinforcement. No added inserts, no added weight. Cut it with ordinary tools, put it up like a standard siding. You'll work easier . . . and you'll keep installation costs down.



The beauty and options of wood.

Get the design flexibility homeowners want. You can offer clapboard or dutch lap profiles . . . natural oak grain or rich matte surface textures . . . deep shadow lines . . . 15 contemporary colors . . . the appealing look of low-gloss paint.

Strong wind protection.

A new and stronger double-thick nail hem keeps panels tight to the wall, even in the shearing winds of catastrophic Category 5 hurricanes. When you put it up, you can expect it to stay up, because walls will probably collapse before Charter Oak comes off.



The backing of the industry leader.

You can count on the quality and count on the service, because for more than 50 years Alside has been committed to giving you more than you expected. It's the reason you've made us first on America's homes.

Charter Oak. Simply the best.

Alside
First On America's Homes

play time

When it comes to kids, play is no laughing matter. So when it came to remodeling this playroom, San Francisco's House + House Architects took the job seriously. The firm's careful attention to the mechanics of play paid off in fun but practical details like custom-built Lego trays that



tuck under storage cabinets, a sliding chalkboard, and a fold-out theater for puppet shows.

Other jolly touches include utility doors covered in steel-look Formica that double as a climb-

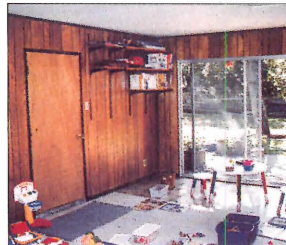
ing wall, and color-coordinated mobile carts that make putting toys away almost as fun as taking them out. The bins slide under a long drawing table, complete with a roll of paper at the ready. Everywhere, bright colors bring out the room's whimsy and warmth.

Says Cathi House, who headed up the design team: "It's what a playroom is supposed to be—playful and joyous and exciting."

This story first appeared in residential architect's sister publication REMODELING.



Photos: James Carrier, James Carrier Photography



Before

House + House Architects transformed a drab garage room into this vibrant playroom. A subtle orderliness underlies the new space's boisterous appeal: There's a place for every toy and every activity.

uli's prize

As part of its ongoing mission to encourage responsible land use, the Urban Land Institute has established a new award: the J.C. Nichols Prize for Visionary Development. The nonprofit research organization will grant the \$100,000 award to an individual or organization with a history of significant contributions to North American urban community development. Nominees are expected to represent a variety of disciplines, from architects to academics to public officials.



Courtesy J.C. Nichols

Endowed by the Nichols family of Kansas City, Mo., the prize was named after one of ULI's founding members, developer Jesse Clyde Nichols (left), whose legacy includes Kansas City's landmark Country Club Plaza, one of the country's first shopping centers.

The winner of this year's J.C. Nichols Prize will be announced in October at a ceremony in Kansas City.

ULI accepts nominee suggestions year-round, though it will not necessarily award the prize every year. For more information, or to nominate an individual or organization, contact ULI at ULINicholsPrize@ULI.org.—maureen dudley

When something this surprising jumps into view...it gets everyone's attention.



INTRODUCING

Smooth-StarTM

Raised-Panel Fiberglass Doors.

With a Smooth-Star fiberglass door, you can promise the moon on performance. And also deliver on beautiful appearance.

It starts with new raised panels. Available in square and rectangular shapes, raised panels bring a new dimension to Smooth-Star's distinctive, paintable fiberglass surface. Smooth-Star has more depth, detail and durability than a steel door — it won't dent, rust, scratch or require costly call-backs, and it carries twice the warranty! There's a big variety of styles, optional transoms and doorlites, too.

Smooth-Star. When beauty this surprising jumps into view, people hardly notice anything else. See your dealer, or visit our web site at: www.thermatru.com or call: 1-800-THERMA-TRU (1-800-843-7628).

Circle no. 58 For Literature & Information
Circle no. 65 For a salesman to contact

THERMA TRU[®]
DOORS

THE DOOR SYSTEM YOU CAN BELIEVE IN

*Raised panels bring
a new dimension
to Smooth-Star.*

Door Style: SS5031; Sidelites: SS5041SL.



20th Annual Builder's Choice Design & Planning Awards



For program details and an entry form, clip this coupon and mail to: Builder's Choice Awards, One Thomas Circle, N.W., Suite 600, Washington, D.C. 20005 or fax to: 202-785-1974 or call: Loretta Williams at 800-726-8220 or e-mail: lwiliam@hanley-wood.com

Name _____

Title _____

Company Name _____

Street Address _____

City/State/Zip _____

Phone _____

Fax _____

E-mail _____

CALL FOR ENTRIES

WELL-DESIGNED HOUSING DESERVES RECOGNITION IN BUILDER'S OCTOBER ISSUE

Enter the Builder's Choice Design & Planning Awards today. For 20 years, this prestigious program has set the industry standard for excellence in:

- Custom Housing
- Production Housing
- Community Design
- Remodeling and Rehabilitation
- Design Details

Deadlines & Fees:

- May 15, 2000
Entry form and fee deadline
- June 9, 2000
Completed binder deadline
- There is a \$250 fee per standard entry.
\$95 per special focus entry.
No refunds will be issued.

Eligibility

Projects with grand opening and/or first occupancy between June 1, 1998 and May 31, 2000. Entries limited to the United States.

Builder



Hanley-Wood, LLC

How come a Norbord 4x9 is five feet taller than a 4x8?

Because a Norbord 4x9 OSB wall panel is designed to be used vertically. Unlike a standard 4x8, where the wafer direction is along the 8' length, for horizontal application across the studs, a Norbord 4x9 panel features wafer direction the other way... across the 4' width. Bottom line?

A Norbord 4x9 OSB wall panel is not only 5' taller; it's also much stronger.

Wafer orientation is across the panel.

N

Norbord 4x9 **Struc 1** OSB wall panels are also available. For more information, contact your building materials dealer, or send us a fax @ 416 777 4415.

Norbord
4x9
OSB Structural Wall Panels

Norbord
Nexfor

Circle no. 357

Decorator Somfy Matic™ switch



The Sun will come out tomorrow.
But only if you want it to.



Give your customers the power to control the Sun. Simply install a retractable awning made with Sunbrella® fabric and a Somfy® motor. With the touch of a button they can create a shady outdoor space that



keeps them comfortable and cool. In fact, Sunbrella solution-dyed acrylic fabric doesn't trap heat. It protects carpets and furniture from fading. And it comes in over 100 styles and colors, so they can pick the perfect shade. For more information, visit our web sites.

sunbrella
GLEN RAVEN MILLS, INC.
www.sunbrella.com

SOMFY
www.somfysystems.com

SUNBRELLA® and  are registered trademarks of Glen Raven Mills, Inc. • SOMFY® is a registered trademark of SOMFY SYSTEMS, INC.

Circle no. 347

ENKEBOLL DESIGNS



© R.E.D. 96-99

For your copy of our Color Product Catalog,
send \$20.00 for bound book, \$30.00 for special ring binder.
Visa/MC/AMEX welcome. Complimentary brochure available.

16506 Avalon Blvd. RA50, Carson, CA 90746 Tel: (310) 532-1400 Fax: (310) 532-2042 www.enkeboll.com

Circle no. 216

busting the builders

how to stop builders—and others—from stealing your plans.

by sharon o'malley

Like most architects in this time of booming home sales, Ann Capron is busy—too busy, she says, to chase builders who are copying her plans without her permission. “I have more trouble with people taking a sales brochure [from a model home] to a draftsman and reproducing my plan,” says Capron, who works for McIntyre, Batchelor, Capron Architects, in Paoli, Pa.

But plagiarism is difficult to prove, she says, and accusing someone of it in court is expensive, so she has never filed a claim. “It’s aggravating,” she adds.

worthwhile pursuit

Yet Capron may be forfeiting more money than she knows, says Orlando, Fla., copyright lawyer Herb Allen, because courts have been awarding architects amounts equal to the value of each home built with pirated plans. So pursuing a builder who is illegally duplicating plans “may be worth it,” says Allen.

Many architects are not aware that the federal government in 1990 overhauled the law that shields their intellectual property from being used by others with-



Photo illustration: Alicia Buelow

out permission and payment, notes Takoma Park, Md., architect Charles Poor, of Studio Partnership Architects. “Most architects don’t know the limit of their protection and also how it may affect their practices,” he says.

the copyright protection act

In fact, the Architectural Works Copyright Protection Act of 1990 says nobody—

not even the owner of the building—may reuse plans unless the architect agrees. The act makes the design’s creator its owner until the architect transfers that ownership to a builder or homeowner. The architect holds the copyright even if he or she has not registered the design with the U.S. Copyright Office or marked it with the symbol ©—the copyright notice.

Before 1989, explains

Allen, work that was published in any form—as a floor plan in a builder’s brochure or as a photograph in a magazine—was fair game for copycats if the original drawings did not sport the © symbol.

Since 1990, however, the copyright act has protected both drawings and buildings from duplicitous draftsmen unless the creator of the work gives permis-

continued on page 40

AUTHORIZED
VIDEO DESIGNER
DRIVE

Sony Can Make Your Plans More Entertaining.

Roofing
Electrician

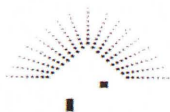
Plumber

Carpenter

Audio/Video

Sony Authorized
Audio/Video Designer
1-800-295-7669

SONY

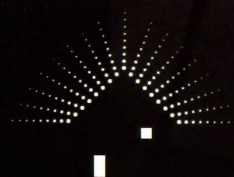


CONSUMER INTEGRATED SYSTEMS

Just relax — because you're in the hands of the real professionals. Nobody knows more about home entertainment than Sony. That's why Sony is your best choice for planning a home entertainment system that delivers real theatrical impact. A system with the latest components and state-of-the-art technologies, for spectacular video and sound. How do you get started? That's the easy part: just call your Sony Authorized A/V Contractor. For a name and location in your area, call: 1-800-295-SONY (7669).

Circle no. 302

SONY



CUSTOM HOME PACESETTER AWARDS

Let Us Share Your Success Story

CALL FOR NOMINATIONS

2000 CUSTOM HOME Pacesetter Awards Honoring the best and brightest of the country's custom home builders.

Sponsored by CUSTOM HOME magazine and the
NAHB Single Family Custom Builders Committee

Each year CUSTOM HOME and the NAHB Custom Builders Committee bestow Pacesetter Awards for excellence and achievement in the business of custom home building to a group of outstanding custom builders. The winners will be featured in the October issue of CUSTOM HOME and awards will be presented at a gala luncheon at the NAHB Custom Builder Symposium in Las Vegas, Nevada, at the Mandalay Bay Hotel, October 27-29.

Awards are given in each of five categories:

- ☒ Customer Service
- ☒ Design
- ☒ Innovation
- ☒ Management
- ☒ Marketing

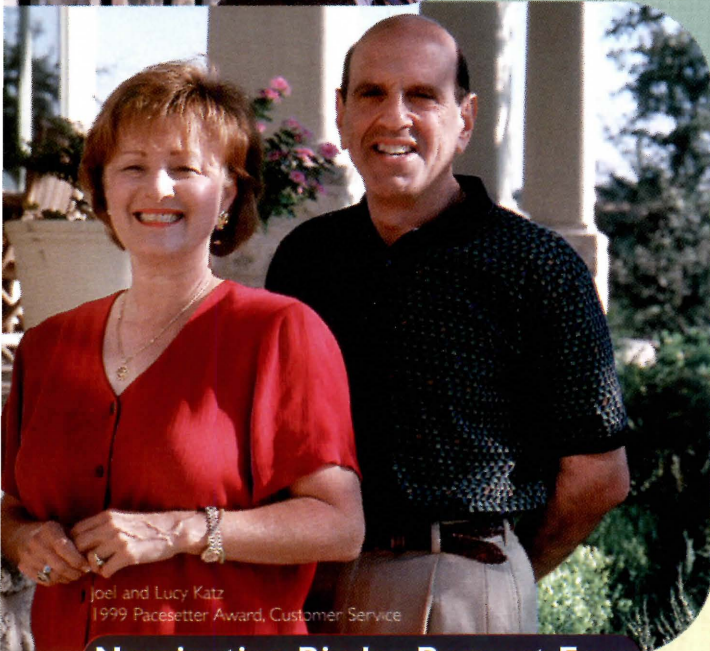
Eligibility and Entries

Any custom builder who has not previously received a Pacesetter Award is eligible to enter a submission in any or all of the categories. Entries must be presented in an official Pacesetter Award binder. To receive a nomination binder, fill out the form and mail it, along with payment to:

Pacesetter Awards
CUSTOM HOME
One Thomas Circle, NW
Suite 600
Washington, D.C. 20005

Or fax it with your credit card information to:
202.833.9278, Attn: Shelley Hutchins

Nomination Binders will be shipped upon receipt of form and payment.



Nomination Binder Request Form

☐ **Yes**, I would like to receive a CUSTOM HOME Pacesetter Award Nomination binder in the following category or categories.

- | | |
|---|-------------------------------------|
| <input type="checkbox"/> Customer Service | <input type="checkbox"/> Management |
| <input type="checkbox"/> Design | <input type="checkbox"/> Marketing |
| <input type="checkbox"/> Innovation | |

Name

Title

Company

Address

City/State/Zip

Telephone/Fax

E-Mail

Entry Fee: \$40 per category

Check for \$ _____ (payable to CUSTOM HOME) is enclosed.

Or, charge to ☐ Visa ☐ MasterCard ☐ American Express

Card Number

Expiration Date

Card Holders Signature

Entry Form Deadline: May 19, 2000

Nomination Binder Deadline: June 2, 2000

Custom Home



Hanley-Wood, LLC

QUINTESSENTIAL QUALITY IN UNDERCOUNTER ICE MAKING & REFRIGERATION

REFRIGERATORS



WINE CAPTAINS

COMBOS

MORE INNOVATION

In the U-Line tradition, each undercounter product integrates innovations that are now industry standards as well as unique features that are exclusive to U-Line.

MORE SELECTION

With more models, features, and sizes, U-Line offers the broadest line of quality built-in undercounter refrigeration products for the home, office, or vacation getaway.

MORE VALUE

Incorporating sleek, international styling and ultimate convenience, each U-Line model is engineered with more innovative features to meet all installation needs.



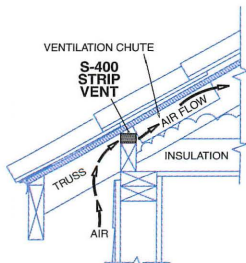
Please mention this ad when contacting us.

8900 N. 55th Street • P.O. Box 245040 • Milwaukee, WI 53224-9540 • 414.354.0300 • Fax: 414.354.7905 • www.u-line.com

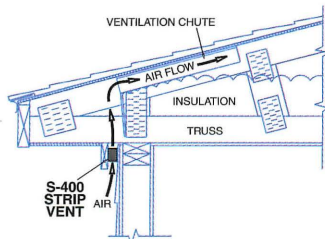
Circle no. 223

"INFINITE" ...installation methods for any eave style.

There **really are** as many ways to install COR-A-VENT's S-400 Strip Vent as there are eave construction details. 1" x 1 1/2" x 4' cross section gives you maximum soffit/eave ventilation (9 sq. in./lineal foot) in a minimum space. S-400 fits narrow spaces where other vents can't, like zero overhangs. The durable 4' PE sections are available in black or white. It's crush resistant so you can install with a power nail gun. Pair up S-400 with any of COR-A-VENT's ridge vent products for an unbeatable system.



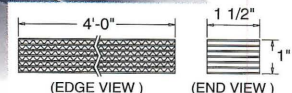
Open Rafter Application



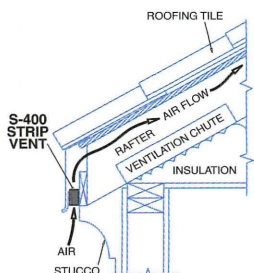
Engineered Truss Application



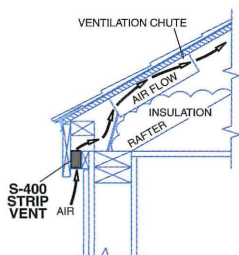
S-400 Strip Vent



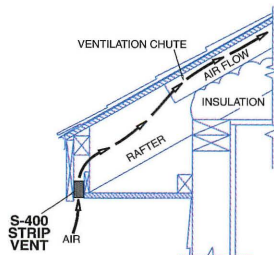
9sq. inches of NFVA/lineal foot



Stucco Application



Zero Overhang Application



Extended Overhang Application



Circle no. 323

COR-A-VENT, Inc.

P.O. Box 428 • Mishawaka, IN 46546-0428
Phone: (800) 837-8368 • Fax: (800) 645-6162
E-mail: info@cor-a-vent.com
Website: www.cor-a-vent.com

sion. The architect also is entitled to payment for reuse.

fine lines

Old habits, it seems, are hard to break. "Builders seem to think they can take a plan they see in a magazine, hand it to an in-house draftsman, draw it up, and it's free if they've

architects who are drawing a real fine line. Just because we build a car with four wheels, that doesn't mean we owe you money."

Yet the law does not say exactly how much of a design one has to copy before it's considered an infringement.

"Some builders say they have to change it 5 or 10 or

U.S. Copyright Office. The law automatically grants the copyright to the creator.

Second, use the client contract to spell out the fact that the architect owns the plans and that nobody—not even the builder—may duplicate them without permission from and payment to the designer.

Finally, pursue those who borrow plans without permission. Send a letter to the infringer and file with the U.S. Copyright Office at the same time. The architect can use those two documents in court to get a speedy injunction that says the builder may not use the plans.

For important works, advises Allen, it's prudent to file with the U.S. Copyright Office. Registration may be done by mail and costs \$30. Forms can be downloaded from the Internet at <http://lcweb.loc.gov/copyright/>.

Allen says copyright extends to plans that are shared with clients via electronic mail and the Internet, although Thomas Gallas, an accountant who works with architects Torti Gallas and Partners/CHK, in Silver Spring, Md., says it's easier for would-be thieves to delete the architect's identification from electronic documents than from paper. *ra*

Sharon O'Malley is a freelance writer in College Park, Md.

yours, mine or ours who owns the plans?

Copyright law grants ownership to the architect who draws the house plan. But who owns the plan if the architect has hired a freelancer or assigned an employee to make the sketches?

Florida copyright attorney Herb Allen says it depends on the arrangement the architect has with the colleague.

If an architect hires an independent contractor to create and draw the plans, the contractor owns the plans. In order for the architect to own those plans, he or she must get the freelancer to sign a contract that assigns all rights to the copyright to the architect.

If a freelancer and the architect work on the plans together, they have joint ownership. Again, the contractor must transfer copyright rights in order for the architect to claim exclusive ownership.

The rules are different for a salaried employee, however. The architect owns any plans created by his or her employees. Those plans are considered works for hire and do not require a written transfer of copyright. —s.o.m.

"builders seem to think they can take a plan they see in a magazine, hand it to an in-house draftsman, draw it up, and it's free if they've seen it published. it ain't that way anymore."

—don evans, the evans group

seen it published," complains Don Evans, of The Evans Group, in Orlando, Fla. "It ain't that way anymore."

Still, admits Hal Woods, of The Woods Group Architects, in Santa Ana, Calif., some architects have "gotten a little bit carried away" in their zeal to claim copyright, suing builders and other architects for using designs so common that nobody can really lay claim to them.

"There's only a certain number of ways to design a single-family home," says Woods. "An architect who designs a two-car garage can't say that nobody else can build a two-car garage." Evans agrees: "There are certain

20 percent, but there is no magic formula," says Allen, who gives this rule of thumb for checking similarities between plans:

Copy both onto transparencies. Lay the original on top of the alleged infringer and note where lines match on floor plans or elevations. "We're looking for copying," he says, and notes that only drawings and buildings—not concepts—can be copyrighted.

what to do

Allen points to three ways architects can bolster the chances that others will not steal their plans.

First, put the copyright notice—the © symbol—on every plan, even if it has not been registered with the

Don't worry. You're covered with Typar® HouseWrap.

TYPAR GUARANTEE

If Typar® HouseWrap is ever damaged by weather or under normal construction conditions, we'll replace it at no charge. Labor is not included. Failure to follow proper installation instructions will void this guarantee. Apply Typar immediately after framing is completed and insulation has been installed. If attaching before windows and doors are installed. If attaching Typar directly to studs or plywood, use staples or large-head nails. If applying over sheathing, be sure to use large-head sheathing nails long enough to penetrate and grip framing studs.

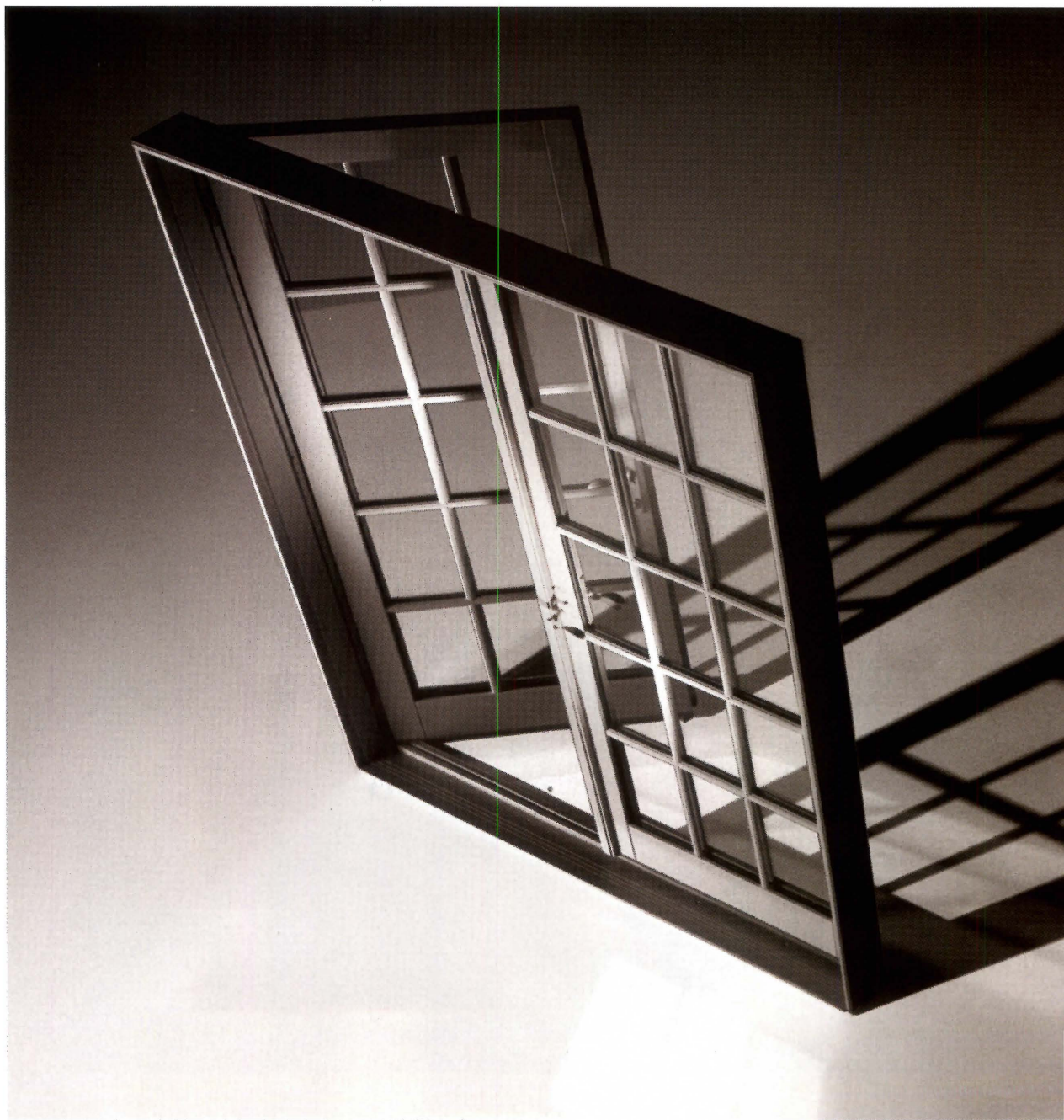


Typar HouseWrap is your best defense against the elements. Keeps studs dry, even on wet soggy days. Stays put in the driving wind. And reduces drafts to save energy costs for your homeowners. Unconditionally guaranteed. Now that's coverage you can count on. For more information, call **800-321-6271**.



TYPAR®
HouseWrap

In 1866, we couldn't imagine offering 144,000 styles



*For a **free brochure** and a dealer nearest you,
call 1-800-238-1866 ext. C9, or visit www.cardaco.com*

Today, we can't imagine anything less.

Back in 1866, our first wood windows had a lot of style.

There just wasn't a lot of variety. But today, we have

double-hung, casement, transom, radius, geometric,

awning and sliding windows, as well as patio doors.

In a huge variety of sizes. With primed wood or

aluminum-clad exteriors. In five colors. Plus a wide range of divided

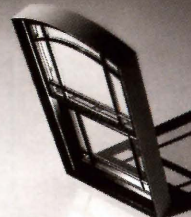
lite patterns and options. That's 144,000 different choices.

And those are just our standard windows.

So if you want to give your clients the kind

of choice they expect these days, give us a call.

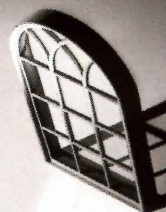
We'll help you give them more than they can imagine.



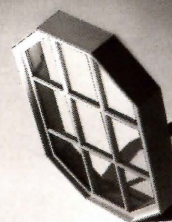
Segment Head
Double-Hung



Oval



Standing Arch



Octagon

Windows for tomorrow. Since 1866.™

Caradco
Part of the JELD-WEN® family

Circle no. 221

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 1-888-465-1289, ext. 506
www.crossville-ceramics.com



2000 residential architect design awards

come let us admire them, the winners of our first annual design awards competition.

by meghan drueding

cheryl weber

james schwartz

and s. claire conroy

Winning isn't everything, but it's pretty darn nice. Although the editors of *residential architect* search high and low for beautiful projects to publish each issue, we thought it important to stop for a moment, step back, survey the field, and single out the best of the best for special distinction. In fact, we gave our editors a break and brought in an independent panel of judges to make those tough decisions. The result of their blood, sweat, and excessive caffeine consumption is our first annual *residential architect* Design Awards.

RADA 2000 exceeded our greatest expectations and drew more than 300 entries from across the country. With such a large pool of entries, the competition was robust and our judges had some very difficult hair-splitting to do. Still, some work clearly stood above the crowd and was distinguished accordingly. In all, the judges selected 24 projects for awards, including one project of the year, four grand awards, and 19 merit awards. Our initial competition established seven categories of awards, but we gave our judges freedom to tinker with the program. And they did. Those of you who entered may recall we had two custom home categories divided by square footage; our judges chose to combine them into one category. They also combined two production housing categories into one. Their final program included awards in the following categories: custom, renovation, multifamily, affordable, production, and on the boards. From the built categories, they selected a best overall project of the year.

Serving on this year's panel of judges were six accomplished architects who specialize in residential architecture: Anne Lewis, FAIA, Washington, D.C.; Jim Nagle, FAIA, of Nagle Hartray Danker Kagan McKay Architects Planners, Chicago; Max Jacobson, of Jacobson Silverstein Winslow Architects, Berkeley, Calif.; Aram Bassenian, of Bassenian/Lagoni Architects, Newport Beach, Calif.; Sandy Fennell, of William Devereux and Associates, McLean, Va.; and Roger K. Lewis, FAIA, of Roger K. Lewis Associates, Washington, D.C., professor of architecture at the University of Maryland and architecture writer for *The Washington Post*. They did a fine job—and, best of all, they gave our editors a much needed day off.

project of the year

withers residence

accokeek, md.

mcinturff architects

bethesda, md.

The 113 entries in the custom home category were liberally appointed with marble floors, granite countertops, climate-controlled wine cellars, and luxurious master baths. But the judges chose as project of the year a modest structure covered in asphalt shingles and corrugated metal, built for a bargain \$80 a square foot. "This is a very, very beautiful home," said one juror.

The beauty of the house, by McInturff Architects, lies in its simplicity, economy, and humility. It wasn't meant to steal the show itself, but to focus attention on its primal, wooded site and on a delicate work of art commissioned by the client,

an art history professor at the University of Maryland. Having grown up in a house designed by renowned landscape architect Dan Kiley, she wanted her new house to recall that intimate relationship with nature she'd come to love. And she wanted it to serve as a

backdrop for a light sculpture by artist Janet Saad Cook. Principal Mark McInturff, AIA, and project architect Stephen Lawlor, AIA, responded by modeling the house after the simplest structure they could think of: a bridge.

The house looks like a pulled-apart cabin, with the private rooms on either end and a two-story living room in the middle. Hoisting it up off its sloped site not only achieved the "bridge" refer-

Mark McInturff, left, and Stephen Lawlor used thin metal deck railings and corner windows to lighten the house's visual impact on the land.



Tom Wolff





ence, it also eliminated the need for installing a costly drainage system. Instead, rainwater flows right under the house and down the hill.

On one side of the living room, a blank white wall stretches out like a canvas for the owner's sculpture, a dance of light that follows the sun's progress through the day. Horizontal rows of windows sandwich the wall so that light can still enter that side of the house. The opposite wall is all metal-framed glazing, bringing in views of the woods beyond. A pedestrian bridge spans the room to link a second-floor bedroom and study.

The house won points with the judges for its masterful orchestration of the indoor-outdoor relationship. "I especially like the idea of using the asphalt shingles and corrugated metal inside," commented one. Decks on both ends of the home allow the client to fully enjoy her private setting; the project's one concession to luxury, an outdoor spa, is embedded in the entry porch. Maple flooring and cabinetry inside, as well as a wood-burning stove, create a rustic feel without resorting to log-cabin stereotypes.

A superb conduit between landscape and artscape, McInturff's bridge house accomplishes everything it set out to do and more. Like the best bridges, it elevates function to a fine art.—*m.d.*

project architect:

Stephen Lawlor, AIA, McInturff Architects

general contractor:

Joe Barry, Joe Barry Builders, Waldorf, Md.

project size:

1,700 square feet

site size:

10 acres

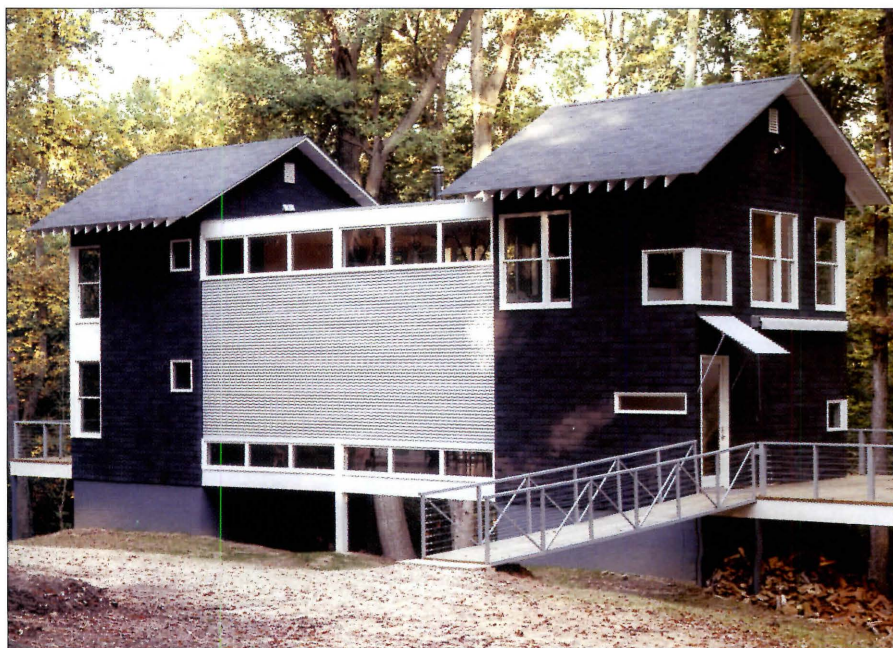
construction cost:

\$80 per square foot

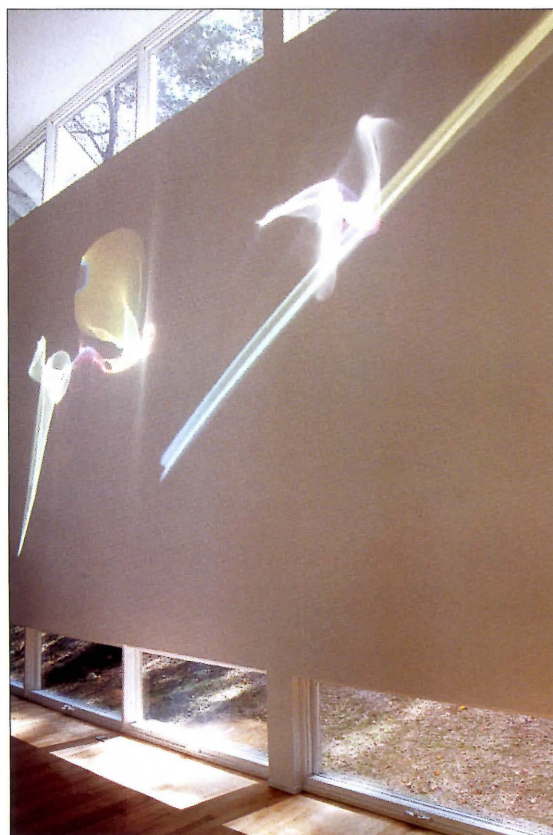
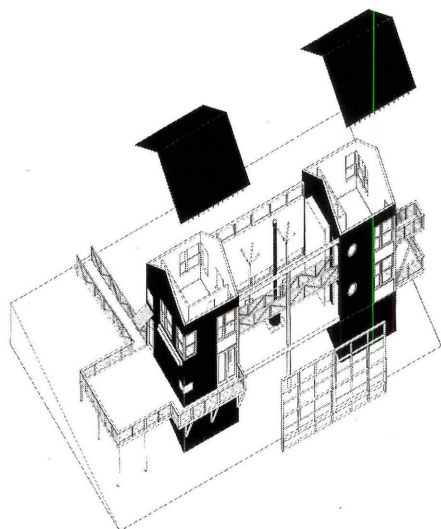
photographer:

Julia Heine, McInturff Architects

See pages 115–120 for product information.



An exterior wall of corrugated metal reverses to a blank white canvas for a custom-designed light sculpture. The industrial material appears again inside, against a background of asphalt shingles.





custom / merit

sharon's california house II
manhattan beach, calif.

holabird & root
chicago



When architect Gerald Horn saw the views of the Pacific from his clients' new property in Manhattan Beach, Calif., he knew just what to do: Turn their world upside down. That's precisely how he created the design for this 3,400-square-foot home.

"Our whole purpose was to turn the house upside down, place the living quarters on the upper floors, and put all other functions downstairs," he says. "That way we could maximize the view, and still work within the strict height limitations in this neighborhood."

The upper floor contains the living room, dining room, and kitchen in one wing, and a generous master bedroom suite in a separate wing accessible through a glass-enclosed walkway. Informal spaces such as the guest room, office, and family entertainment center are on the lower level, arranged around an intimate courtyard.

The result is a dynamic residence that the judges called "sensational" and "beautifully detailed," with a "creative" floor plan ideal for California dreamin'.

James Schwartz is a freelance writer in Washington, D.C.

project architects:

Gerald Horn, FAIA, and Jim Stapleton, AIA,
Holabird & Root

general contractor:

John Katnik, Diversified Development, Manhattan Beach

landscape architect:

Warren Waltz, Warren Waltz & Associates, Culver City, Calif.

project size:

3,400 square feet

site size:

.16 acre

construction cost:

Withheld

photographer:

Tim Street-Porter

See pages 115–120 for product information.



The house's two glass-enclosed wings stretch toward the ocean, gathering light and views. Vaulted ceilings amplify the feeling of spaciousness inside.

It's big. It's clumsy. And it's not too bright.



Sound like your architectural software?

You can continue plodding along with your current CAD software, or you can make the smart move to ArchiCAD. It can be mastered surprisingly fast, and only ArchiCAD has been designed specifically for architects. Really, isn't it time you raised your standards and let go of the past? Embrace the intelligent and integrated approach to building design and documentation.

SEVEN REASONS TO SWITCH

- Intuitive commands easy to master
- Fully AutoCAD compatible
- Remarkable efficiency gains and ROI
- Cutting edge presentation features
- Fully parametric objects
- Time-saving automatic documentation
- 30-day money back guarantee

GRAPHISOFT



Graphisoft and ArchiCAD are registered trademarks of Graphisoft R&D Rt.

Circle no. 263

ArchiCAD®

www.graphisoft.com/ArchiCAD 800.344.3468

Visit or call for a FREE Presentation CD and the location of an ArchiCAD dealer near you.

custom / merit

marek house
chaska, minn.
sala architects
minneapolis

On their 11 acres of agrarian land, these clients wanted to build “something simple and with good proportions.” Architect Jean Larson gave them a structure with historical references to the farmhouses now decaying across the Midwest, but not a studied duplication of the past.

“Have you ever tried to design a new house that looks old?” a judge asked. “It’s not easy.” A 12:12-pitch roof, a broad porch, and double-hung windows that extend low to the floor evoke the tall, proud farmhouse form. Larson made the interior work for contemporary life by designing spaces that are open yet well defined by blocks of storage. Bookshelves that

wrap three sides of the fireplace, a large pantry, a dining buffet, and a media center read as passageways between the living areas. “There’s a thickness you pass through from one room to the next,” Larson says.

On the house’s facade, the architect used traditional detailing but bolder proportions. The gable-

end design, for example, draws on the old attic vents, but Larson chose a larger, thicker board for a more dramatic shadow line. “Lovely,” the judges concluded.

Cheryl Weber is a freelance writer in Severna Park, Md.

project architect:

Jean Larson, AIA, SALA Architects

general contractor:

Al Hirsch & Co., Delano, Minn.

project size:

2,300 square feet

site size:

11 acres

construction cost:

\$150 per square foot

photographer:

© Karen Melvin

Wrapping two full sides of the house, the porch is an elaboration of those from another time. Generously sized windows flood the kitchen with light. The island’s lowered table invites pastry-making or a child with a coloring book.





Larson designed the house as two sections, like an old farmhouse with a later addition. A garage and potting shed sits off to the side. Inside, tall, vertical stair rails play with light and shadow and help connect the different levels.

custom / merit

ranch shelter

tom green county, texas

rhotenberry wellen architects

midland, texas



The simplest things are sometimes the most powerful. Mark Wellen's design for this no-frills shelter on an 8,000-acre working ranch in Texas struck a chord with our judges, one that continues to resonate in the architectural community.

The client, an admirer of architect Frank Welch's simple, haunting little building "The Birthday," approached Wellen with a similar program. She wanted a shelter for ranch operations, indoor-outdoor entertaining, and basic accommodations for an overnight stay. Wellen responded with "an elemental building using inexpensive pre-engineered materials," he says. "It's loosely based on oil-field buildings, compressor stations. I'm mesmerized by these simple forms." Plain-Jane steel framing and corrugated galvanized steel siding are made more "intimate and personal," says the architect, by the addition of salvaged stone and pine

sheathing from the client's family home.

The result, said the judges, "is an extremely simple parti, but a very powerful object on this landscape."—*s.c.c.*

project architect:

Mark T. Wellen, AIA, Rhotenberry Wellen Architects

general contractor:

Randy Crooks, Rafter C. Construction, San Angelo, Texas

project size:

1,920 square feet

site size:

8,000 acres

construction cost:

Withheld

photographer:

Hester + Hardaway Photographers

See pages 115–120 for product information.

Using salvaged stone and pine sheathing and pre-engineered industrial materials, architect Mark Wellen created a shelter of remarkable simplicity and strength.



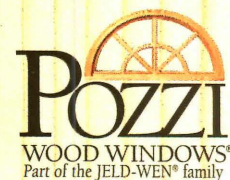
It's either the **wettest**
spot on earth or the **driest**.

Depending which side of our window you're on.



Dan Stokes,
Product Testing Manager

It doesn't rain all the time in Bend, Oregon. Only when Dan Stokes wants it to. You see, Dan tests the seals of our wood windows to help ensure your customers' satisfaction. Thus, the 8 inches of rain per hour. Hurricane force, 155 m.p.h. winds, and countless other Dan-made extremes. Thanks to a sturdy 20/10-year warranty*, our windows are an attractive choice you can live with. After all, they've already had to live with Dan.



HANDCRAFTED IN BEND, OREGON.™

Free catalog: 1-800-257-0663 ext. P10.

Or visit us at www.pozzi.com

Circle no. 222

For limited warranty details, please see our website at www.pozzi.com. ©2000 JELD-WEN, Inc. Pozzi Wood Windows is a registered trademark of JELD-WEN, Inc. Klamath Falls, OR

custom / merit

urban residence

baltimore

swanston & associates

baltimore

Old and new coexist happily in countless renovations, but rarely are they juxtaposed so ingeniously as on this home in urban Baltimore. The latest in a series of warehouse-to-single-family-home conversions on this street, it sits within the shell of the original building. Architect Rebecca Swanston executed a virtual teardown—a fact that caused our judges to reassign the project from the renovation to the custom category. Swanston did retain three existing brick walls to act as a framework, while a remnant fourth encloses an outdoor courtyard that spans the 45-foot-wide rear of the house. The judges praised the unexpected view of old brick through a wall of windows along the first-floor living spaces.

Swanston's masterful floor plan unfolds along a diagonal axis that only gradually reveals the courtyard and the house's pièce de résistance—a towering glass pyramid piercing two stories. "With the brick wall outside, I wanted to celebrate the space with a more sculptural piece," Swanston says. "You can see rain cascading down the glass; it changes with the weather." The pyramid also funnels light into the center of the house, an unexpected delight in this Federal-period neighborhood. In the six months since the owners moved in, any reservations they had about building something so unusual have long since faded from memory.—c.w.

In the 1920s, this structure encompassed three single-family homes and was later converted to a warehouse. An understated front facade evokes that industrial past and blends with the streetscape. The glass pyramid continues along the roof's center line, funneling light into the heart of the house.



project architect:

Rebecca Swanston, AIA, Swanston & Associates

general contractor:

LCM Associates, Baltimore

project size:

3,300 square feet

site size:

.06 acre

construction cost:

\$185 per square foot

photographer:

© Bill Lyons

See pages 115–120 for product information.





A round skylight illuminates the second-floor family room. Hot air can escape through an exhaust fan set over the glass. The foyer's dramatic centerpiece is a circular maple-and-metal staircase.

renovation / merit

hanson sciannella residence

rockville, md.

mcinturff architects

bethesda, md.

The judges admired this interior transformation of a formerly dark, chopped-up ranch house. "It's unique because it stays in its original footprint yet changes so dramatically," said one.

Architect Mark McInturff removed several interior walls to maximize the flow of natural light, and moved the kitchen to the house's rear corner. The slight reconfiguration opened up sight lines between rooms and gave him the chance to exploit those long views for all they're worth. "We used a different color of plaster for each room, so the eye is naturally drawn through the series of spaces," he says. "The dropped soffit that runs the length of the hallway does the same thing, skewering each room like a kebab."

Maple cabinetry and floors enhance the project's ethereal tone.—*m.d.*

project architect:

Mark McInturff, AIA, McInturff Architects

general contractor:

Dreick Builders Group, Gaithersburg, Md.

project size:

1,900 square feet

construction cost:

\$101 per square foot

photographer:

Julia Heine, McInturff Architects

See pages 115–120 for product information.



Subtle low-voltage strip lights illuminate the maple-covered hallway soffit. The liberal use of glass throughout the house and a living room skylight allow sunlight to stream into each space.



GAGGENAU

Appliances for the Kitchen of a New Era.

By Gaggenau.

Built-in kitchen appliances from Gaggenau are the perfect balance of form, technology, appearance and practicality.

A wonderful example is the Gaggenau VK 111 built-in steamer. Unlike a pressure cooker, this new multifunction appliance steams and stews food without pressure. Utilizing two cooking inserts, a stepless temperature control and an advanced heating and pressure release system, your water or soup stocks evaporate quickly and efficiently. It allows you to steam gently, while retaining the natural taste, color and aroma inherent in the food. You save vitamins and minerals while using less energy.

To find out more about this cooking innovation or other unique appliances in the Gaggenau collection, call us at 1-800-828-9165. Or visit us online at www.gaggenau.com/us.

The difference is Gaggenau.

renovation / merit

weiner residence
washington, d.c.
mcinturff architects
bethesda, md.

The program for this Washington, D.C., remodel was out of the ordinary, so architect Mark McInturff came up with a fittingly unusual solution. His client, the owner of a row house in the city's Capitol Hill neighborhood, had bought the house next door and asked McInturff to unite the two spaces. "The client really bought the adjoining house for its backyard

garden—the purchase wasn't driven by a need for additional rooms," says McInturff. "So we had the freedom to design the new space solely as a place from which to enjoy the garden."

The architect gutted the new space and replaced its back wall with glass. Between the first and second floors, he suspended a wooden platform, creating

a gallery-like atmosphere upstairs and a cozy master bedroom downstairs. Openings carved into the former party wall connect the two houses.

"He only touched parts of the overall house, but what he did, he did beautifully," said one judge. —m.d.



project architect:

Mark McInturff, AIA, McInturff Architects

general contractor:

Donald Malnati, Renovations Unlimited, Washington, D.C.

project size:

2,100 square feet after renovation (700-square-foot addition)

site size:

.025 acre

construction cost:

\$193 per square foot

photographer:

Julia Heine, McInturff Architects

See pages 115–120 for product information.



"The bedroom is like a little wooden cave inside a big white space," says McInturff, referring to the stripped-to-the-brick, white-painted former party wall. A rose-stained concrete floor guides the way to the new garden.

Gypsum Board Upgrades Help You...

Build a Better Home

TO ENHANCE THE APPEARANCE AND SENSE OF ROOMINESS: increase ceiling heights.

FOR GREATER FIRE SAFETY: upgrade to 5/8" type X gypsum board from 1/2" regular gypsum board.

TO IMPROVE SOUND CONTROL: use double layers of gypsum board on walls and ceilings.

TO INCREASE THE LIVABLE SPACE: finish basements and garages with gypsum board.

Offer distinctive designs that deliver increased comfort and value;

...at a fraction of the cost of many upgrades. Now that's the way to develop a reputation for innovation!

Check us out at www.gypsum.org. Resources available to architects include: answers to frequently asked questions, online assistance with technical issues, technical training publications and videos, topical papers, and a variety of complimentary brochures.



Gypsum Association
810 First Street NE, #510, Washington, DC 20002
202-289-5440 • 202-289-3707 Fax • www.gypsum.org



Circle no. 308

Gypsum Association Members 2000

American Gypsum
Celotex Corporation
Continental Gypsum Company
G-P Gypsum Corporation
James Hardie Gypsum
Lafarge Gypsum
National Gypsum Company
PABCO Gypsum
A Division of Pacific Coast Building Products, Inc.
Republic Gypsum Company
Temple-Inland Forest Products Corporation
United States Gypsum Company
Westroc Inc.

renovation / merit

private residence

newton, mass.

hecht scherding architects

belmont, mass

From the front, this suburban Boston remodel doesn't appear too different from its "before" photographs. But a peek inside reveals its dramatic transformation from a two-bedroom, 1,700-square-foot cottage to a four-bedroom, 3,700-square-foot house. Architect Tom Hecht sliced off the home's low-ceilinged second floor and swapped it for one with more headroom. He also altered the back of the house, expanding the kitchen and dining area and adding a new family room.

The project works because Hecht kept the comfortable scale of the old house intact. "It was important to the client that the house not feel overwhelming," he says. "So none of the new spaces are gigantic." The woman of the house, an ecologist, asked that the house indulge her love of nature, so Hecht devised a greenhouse just off the living room and an interior palette accented with greens and earth tones. "This a true remodel," said one judge.—*m.d.*

project architect:

Thomas Hecht, AIA, Hecht Scherding Architects

general contractor:

David Bardes, Paris Building Group, Boston

project size:

3,700 square feet

site size:

.32 acre

construction cost:

Withheld

photographer:

Warren Jagger Photography

See pages 115–120 for product information.



The home's muted exterior shades (punctuated with a bright red front door) are in keeping with this historical neighborhood's guidelines. Inside, the open floor plan suits the active lifestyle of the owners, a couple with two young children.



Think outside the box.



A CELLINI MONACO KITCHEN IN BIRD'S EYE MAPLE

FOR AN EXCEPTIONAL LOOK IN CABINETRY THAT YOU WON'T FIND ANYWHERE ELSE,
VISIT YOUR NEAREST CANAC SHOWROOM OR CALL 1 800 CANAC 4U

Canac[®]

A KOHLER COMPANY

TO ORDER A 'KITCHEN PLANNER', PLEASE SEND YOUR NAME AND ADDRESS WITH A \$5 CHECK
TO ORDER A 'CANAC INSPIRATIONS' BOOK, PLEASE SEND YOUR NAME AND ADDRESS WITH A \$15 CHECK
(PAYABLE TO CANAC KITCHENS) TO: KITCHEN PLANNER, 360 JOHN STREET, THORNHILL, ONTARIO CANADA L3T 3M9

multifamily / grand

south side housing

pittsburgh

perkins eastman architects

pittsburgh

or designing urban expansion that enhances the community, South Side Housing takes top honors. In a two-block section of Pittsburgh, Perkins Eastman Architects reclaimed old industrial sites with an intricate plan that includes 58 new and renovated townhouses—about 30 per acre, compared with the more common 10 units per acre. “Unless we could maintain that density, we couldn’t get the scale and rhythm right,” says project architect Stefani Ledewitz. Nevertheless, the firm packed in parking spaces and vest-pocket parks, creating fences and walls to make them private. “If you build smaller spaces with privacy, they’re just as appealing to people as large yards that require more maintenance,” Ledewitz notes. And since the lower-cost homes are mixed in with larger units all around the block, they avoid the all-too-common fate of isolation. “The site plan is very strong and well organized,” the judges said.

For economy and context, the architects made use of materials found on the site, as well as new, industrial-type products. Old brick and block stone reappear on new walls and courtyards. And the corrugated-metal stoops echo the site’s past. “The best things about this project are the materials and their relationship to the site,” the judges agreed. “There’s a grammar for the vocabulary of materials.”—c.w.

project architect:

Stefani Ledewitz, AIA, Perkins Eastman Architects

developer:

Jack Johnston, Allton Properties, Pittsburgh

general contractor:

Tim Fisher, Mistick Construction, Pittsburgh

landscape architect:

Michael Van Valkenburgh, Michael Van Valkenburgh Associates, Cambridge, Mass.

project size:

960 to 1,750 square feet per unit

site size:

2 acres

construction cost:

\$62 per square foot

sales price:

\$100,000 per unit

units in project:

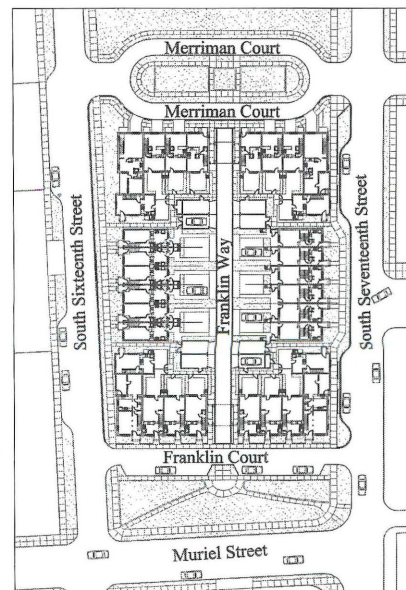
58

photographer:

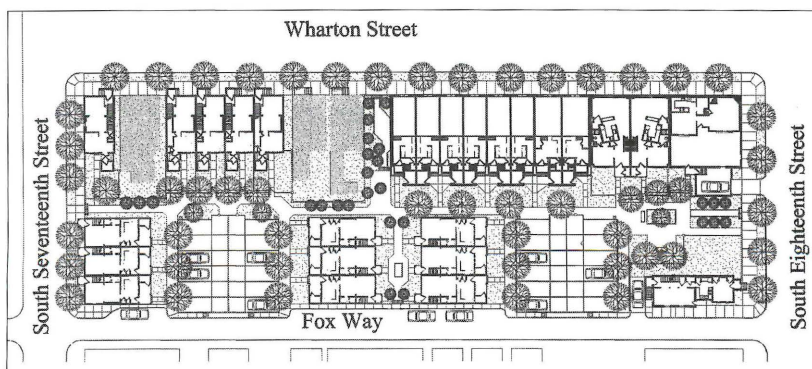
Tsunehisa J. Tusda (this page) and Lockwood Hoehl (opposite)



Inside the block of new townhomes are private parking spaces, service areas, and small yards.



See pages 115–120 for product information.



On a renovated warehouse, the thick concrete slabs used to support machinery were too difficult to cut through, so the architects designed stair towers that connect the levels and let in natural light.

multifamily / merit

brezza condominiums

kirkland, wash.

baylis architects

bellevue, wash.

Italy's celebrated hill towns were the inspiration for Brezza ("breeze" in Italian) Condominiums, a multifamily complex located on a steep hillside above Kirkland, Wash. "This site was a real challenge," says architect Brian Brand, but it afforded spectacular views of Seattle and easy access to Kirkland's rapidly developing downtown.

Brand's modern interpretation of a classic Italian model features two separate buildings, one a full story lower than the other. The spacious courtyard between them relieves the vertical mass of the buildings and allowed Brand to carve out apartments with a wide variety of different views.

Judges admired the "sophisticated and refined playfulness" of the design, and the way the massing is broken down by terraced top floors that reduce overall scale. Brand's siting and judicious use of materials also won plaudits from our judges—more high praise for a bravura performance with Italian flair.—*j.s.*

project architect:

Brian Brand, AIA, Baylis Architects

developer:

Tom McCracken and Jim Jordan, Brezza Limited Partnership, Seattle

general contractor:

Rafn Co., Bellevue

landscape architect:

Randy Allworth and Holly Moore, The Berger Partnership, Seattle

interior designer:

Brian Brand and Robert Reed of Baylis Architects, and Jo Krueger of Jo Krueger Interior Design, Kirkland

project size:

915 to 2,065 square feet per unit

site size:

1.05 acres

construction cost:

\$145 per square foot

sales price:

\$150,000 to \$750,000 per unit

units in project:

75

photographer:

Steve Keating Photography

See pages 115–120 for product information.



A courtyard divides Brezza Condominiums into two buildings, each of which contains a range of unit sizes and prices. Stepping back the top floors creates "a transition to the sky," says architect Brand, who opted for durable materials like limestone, granite, brushed aluminum, and steel.

PHOTO ALAN DISSON

Shown: Silverado Weather Edge LedgeStone. In background: Lake Tahoe River Rock



Even on the most beautiful of homes in the most beautiful of settings, Cultured Stone® enhances. It looks and feels exactly like natural stone, yet a wall of it costs far less. For a catalog of more than 160 colors, textures and trim products plus information about StoneCAD®, the CD-ROM design tool, visit www.culturedstone.com or call 800-644-4487.

© 2000 CULTURED STONE—A DIVISION OF OWENS CORNING MADE IN U.S.A.

CULTURED STONE®



multifamily / merit

museum heights condominiums

brentwood, calif.

gmp architects

santa monica, calif.

What do you do with a site that is superbly located down the road from the J. Paul Getty Museum, but is also steeply raked and adjacent to one of the nation's busiest freeways? If you're architect Monika Moses, you turn the liabilities into assets.

With the Museum Heights Condominiums, says Moses, "we divided the complex in two" and "softened the hillside" by stepping the two buildings up the site with a densely planted green corridor in between. Parking beneath the upper building raises it even higher, opening up views of the ocean and allowing residents to look over—not into—the busy freeway just outside.

To de-emphasize persistent highway noise, Moses enlisted the help of acoustical engineers and created a sophisticated system of double-glazed windows. "And we enclosed the balconies in a solarium, so that if you want to sit 'outside,' you can, but there is still another barrier between you and the freeway."

Judges applauded Moses' innovative plan, taking delight in her clever use of the solariums. Moses herself is most proud of the way she was able to incorporate "futuristic elements" like aluminum panels and black concrete block, creating what she calls "a high-density housing project with attitude."
—j.s.

project architect:

Monika Moses, GMP Architects

land planner:

Monika Moses, GMP Architects

developer:

Steve Erdman, Museum Heights, Culver City, Calif.

general contractor:

Steve Erdman, CH Construction Co., Culver City

landscape architect:

John Hanna, John Hanna & Associates, Solana Beach, Calif.

interior designer:

Jennifer Scott, J. Scott Design, Pacific Palisades, Calif.

project size:

1,014 to 2,209 square feet per unit

site size:

2.4 acres

construction cost:

\$90 per square foot

sales price:

\$195,000 to \$400,000 per unit

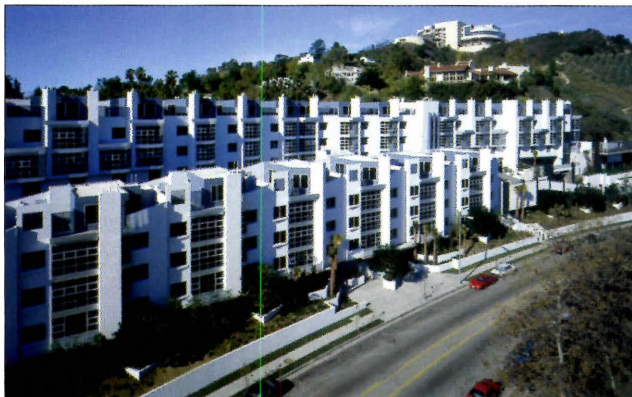
units in project:

66

photographer:

© Tom Bonner Photography

See pages 115–120 for product information.



By dividing the Museum Heights Condominiums into two buildings and stepping them up the hillside, architect Monika Moses took advantage of both the steep site and dramatic views of Los Angeles. She used double glazing in windows and enclosed balconies in solariums to filter out freeway noise.

Build Your Reputation on a WELL-CONNECTED House™!

CONTINUOUS LOAD TRANSFER PATH.

In new construction or older retrofits, Strong-Tie® connectors help provide the continuous load transfer path of a well-connected house.

GREATER DURABILITY.

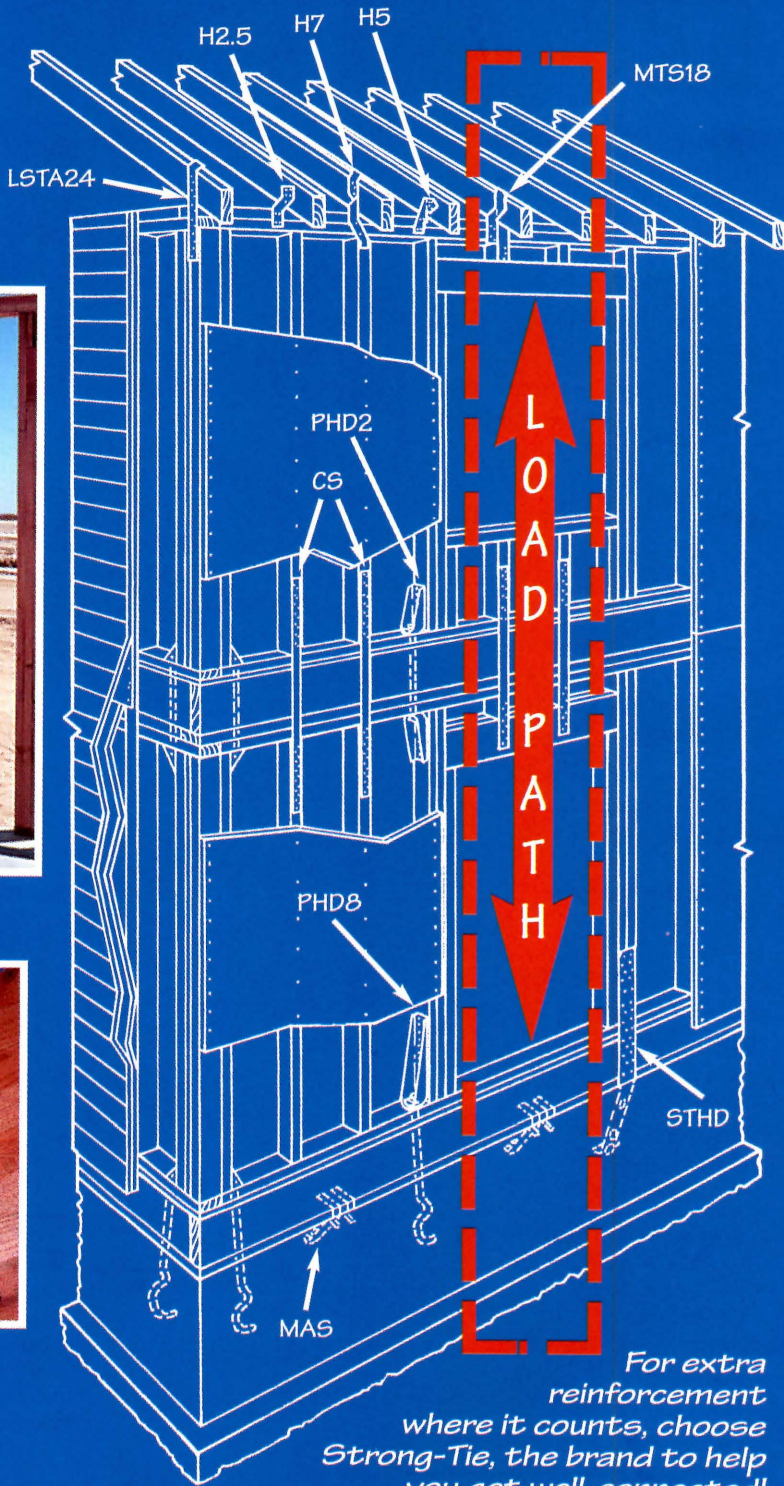
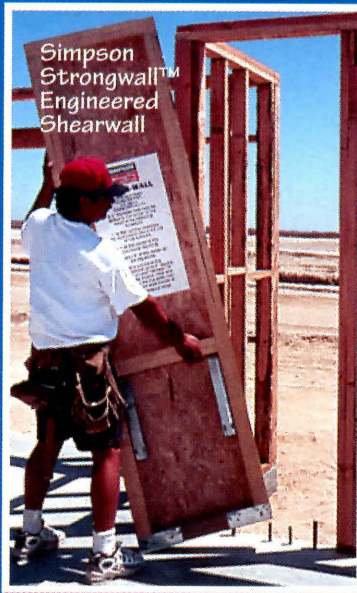
Solid connections at and roof rafters, mean greater durability to help withstand imposed loads at critical building junctures throughout the structure.

LOW INSTALLED COST.

Engineered for quick and easy installation, Strong-Tie connectors save costs in time, labor and materials. For retrofit, remodeling or new construction, they're the first choice for professionals.

CODE RECOGNIZED.

Strong-Tie has more code-recognized connectors than any of its competitors. Since 1956, we've set the quality standard in the timber connector industry— and have earned the reputation of having no equal!



For extra reinforcement where it counts, choose Strong-Tie, the brand to help you get well-connected!

SIMPSON

Strong-Tie®
CONNECTORS

SIMPSON STRONG-TIE® CO., INC.

≠ The World's "No Equal" Structural Connector Company

National Toll Free: **800-999-5099** Web Site: **www.strongtie.com**

California ■ Connecticut ■ Florida ■ Illinois ■ Ohio ■ Texas ■ Washington ■ British Columbia ■ Ontario

Circle no. 26

ISO 9001
REGISTERED



multifamily / merit

the gate

hoboken, n.j.

dean marchetto & associates architects

hoboken

dean Marchetto did his homework before embarking on the design of this 10-unit, Arts-and-Crafts-influenced apartment complex in Hoboken, N.J. He and his developer client traveled to Glasgow, Scotland, where they studied the work of Charles Rennie Mackintosh. Marchetto convinced the client to allow him to reinterpret Hoboken's traditional forms, incorporating elements from the great Arts-and-Crafts architect's work. The Gate's brick facade and vertically punched windows are a nod to Hoboken conventions; its black lintels and modern rooftop cornice pay homage to Mackintosh. The result? A building that, as one judge said, "understands history, rather than mimicking it."

The 10 residential units at The Gate sold out at the highest dollar per square foot in the city; a florist occupies the lone retail unit. "The buyers really liked the fact that this project had a theme," says Marchetto. "The Arts-and-Crafts concept definitely attracted more design-conscious types."—*m.d.*

project architect:

Ramon Quiray, Dean Marchetto & Associates Architects

developer:

Jenniann C. Barile, Hoboken

general contractor:

Bob Montesano, Delsano Contracting Corp., Union, N.J.

project size:

15,000 square feet

site size:

.05 acres

construction cost:

\$110 per square foot

sales price:

approximately \$250,000 per unit

units in project:

10 residential, one retail

photographer:

Stephen J. Carr Photography

See pages 115–120 for product information.



Marchetto reinforced The Gate's Arts-and-Crafts references with a four-square motif, repeated on the exterior and at the entryway.

See all those
people online
drooling over
your work?

Funny,
they don't see
you either.

Be seen on Homestore.com™, where nearly 3 million unique visitors* come monthly to find everything for the home. At the AIA 2000 National Convention, stop by our booth #1145 to learn why Homestore.com™ is the preferred provider of AIA web sites online. Or call us at 888-736-6335.



homestore.com
remodel™

* February 2000 Media Metrix

Endorsed by:



affordable / grand

villa flores

los angeles

john v. mutlow, faia, architects

los angeles

Villa Flores isn't just a multiple-award-winning affordable senior housing community. It's also the prototype for a group of projects to be built on the same church-owned block in downtown Los Angeles. Gauging from the response to Villa Flores, the future of this block looks mighty bright: The jurors unanimously applauded architect John Mutlow's thoughtful response to a challenging program.

The block's master plan dictated an L-shaped building, one that would edge the street and have a sunny rear courtyard. Mutlow complied, and used protruding floor planes to erode the building's corners a bit. The oversized concrete floor slabs also add shade to the balconies beneath them. His meticulous attention to detail shows in everything from the emergency roof staircase, painted bright red for easy identification from the air, to the xeriscaped courtyard garden, whose design is based on an alluvial plain.

A budget-conscious resourcefulness is evident, too. The metal grid atop the roof contains a mesh filler to mask some mechanical equipment from view; a vertical triangular column of glass both denotes the entry to the building and allows extra natural light into every floor.—*m.d.*

project architect:

John V. Mutlow, FAIA, John V. Mutlow, FAIA, Architects

developer:

1010 Development Corp., Los Angeles

general contractor:

Morley Construction Co., Santa Monica, Calif.

landscape architect:

Arnold Swanborn, Lord Swanborn, Los Angeles

interior designer:

John V. Mutlow, FAIA, Architects

housing consultant:

Noel Sweitzer, Housing Development Services, Los Angeles

project size:

415 to 800 square feet per unit

site size:

.52 acre

construction cost:

\$115 per square foot

rental price:

one-third of resident's adjusted gross income (ranges from \$150/month to \$250/month per unit)

units in project:

75

photographer:

Michael Arden Photography

See pages 115–120 for product information.





Villa Flores' projecting concrete floor slabs match the precast stone facades of the two office buildings across the street. A pale yellow exterior paint with accents of bright blue and pale green satisfied both the architect's desire for "cheerful" colors and HUD requirements.

affordable / grand

urban residence

lawrence, kan.

studio 804, school of architecture,
university of kansas

lawrence, kan.

ooks like a bunch of friends got together and put something really unique together," the judges said. "It's a slam dunk." Indeed, the project offered 13 graduate students at the University of Kansas School of Architecture a chance to translate their classroom learning into a real building. Their goal? To provide an alternative to run-of-the-mill affordable housing by using quality design and workmanship and innovative materials.

With muscle power and ingenuity, the students made their own forms for concrete walls, countertops, and walkways, and salvaged steel from junkyards. They subbed out only the HVAC, plumbing, and electrical work. "It was important to me that we imbue this house with a design that reflects the technology available to us at the millennium," says professor Dan Rockhill. Manufacturers donated \$23,000 worth of materials, including the house's skin of cement-fiber siding, and Lexan, a luminous, plastic-like surface the students used to extend the south wall.

"We've found that, many times, space that doesn't have a clear designation is taken over by the home's occupants in creative ways," Rockhill says. The house is owned by a single mother and her two young daughters, both of whom study dance and theater. The sunny bump-out, with its deep, continuous seat, has become their stage.—c.w.

project architect:

Dan Rockhill, Studio 804

general contractor:

Studio 804

project size:

1,330 square feet

site size:

.13 acre

construction cost:

\$48 per square foot

sales price:

\$64,000

photographer:

Dan Rockhill

See pages 115–120 for product information.



The house's I-shaped footprint is similar to that of other homes built in the early 1900s in the working-class neighborhood. A ramp leads to the wheelchair-accessible first floor.

He, takes Thai cooking classes.

She, has an extensive collection of Miles Davis records.

They, both have a fondness for Mexican Folk art.



MiraVista® Shake

MiraVista® Slate

MiraVista® Designer Metal

MiraVista® Copper

So. What are you going to put on their roof?

For some a unique style exudes from everything they do. It's who they are. How they live. They are not the types to see a roof merely for its functional purposes. It's a chance for expression. With MiraVista® roofing you can give them both.

The look offers a variety of distinctive textures, shapes and colors to choose from. Not only that, but they install easily. And they give you a specialty roof that performs great as well.

So if you've got customers looking to make a bold statement of style - suggest they shout it from the rooftop.

It's not a roof. It's MiraVista® specialty roofing. www.owenscorning.com / 1-800-GET-PINK



SYSTEM THINKING™
Makes the Difference

Circle no. 375

affordable / merit

west boulevard

los angeles

john v. mutlow, faia, architects

los angeles



West Boulevard's boldly striped entry and mix of unit types captured the judges' attention and imagination. "Anybody who has the guts to design that entry gets my vote," said one. Architect John Mutlow says the Dr. Seuss-style stripes and exaggerated roof on the project's entry perform multiple duties. "The other buildings on the street are vividly colored," he says. "The stripes are a way of referencing that context. I also wanted the beginning and end of the building to be clearly articulated; that's why the other end is painted purple."

Other important factors in the project's design include an interior courtyard where the residents can socialize, and an edge condition at the street similar to that of the surrounding buildings. Mutlow combined 12 one-bedroom apartments, two two-bedroom apartments, and six two-bedroom townhouses to create a vibrant community that proudly defies convention.—*m.d.*

project architect:

John V. Mutlow, FAIA, John V. Mutlow, FAIA, Architects

developer:

Noel Sweitzer, Freeway Redevelopment, Los Angeles

general contractor:

Abe Fassberg, Fassberg Construction, Encino, Calif.

landscape architect:

Arnold Swanborn, Lord Swanborn, Los Angeles

interior designer:

John V. Mutlow, FAIA, Architects

project size:

540 to 897 square feet per unit

site size:

.54 acre

construction cost:

\$90 per square foot

rental price:

one-third of adjusted gross income (ranges from \$150/month to \$350/month per unit)

units in project:

20

photographer:

Michael Arden Photography



The many contrasting elements present at West Boulevard—horizontal stripes and vertically articulated dwelling units, a sloped roof and a flat one, a metal entry and a stucco main building—lend the project charm and energy.



The entry gate's open, curved design is subtly filled in with metal mesh, providing added security for residents. The arching metal strips counterbalance the building's angularity.

See pages 115–120 for product information.



Introducing the Tessera™ concealed tank toilet system.

By taking away the tank and putting it in the wall, the small-space Tessera™ toilet system frees up an extra 6" to 9" of leg room. While offering the benefits of an elongated bowl. Want to know more about this advanced plumbing technology? Call us at **1-800-225-7217** for a free brochure. The new Tessera toilet system from Geberit. It makes less, more.



Geberit Manufacturing, Inc.

1100 Boone Dr., Michigan City, IN 46360

U.S.: Phone: 219.879.4466 • Toll-Free: 800.225.7217 • Fax: 219.872.8003

Canada: Phone: 450.447.2250 • Toll-Free: 800.267.2250 • Fax: 450.447.0505

www.us.geberit.com

GEBERIT®

Advanced plumbing technology

Circle no. 355

affordable / merit

midway school apartments

midway, ky.

sherman-carter-barnhart architects

lexington, ky.

In 1926, when the Midway School's first students were gazing wistfully out the windows, who knew they might live there someday as senior citizens? The building has been converted into 24 handicap-accessible apartments, but the classroom footprints and oversize window openings are preserved. Within each room, the architects carved out a kitchen, living room, bath, and bedroom; in some cases, they combined three classrooms into two double-bedroom units. The corridor walls were left intact. "The building still has that generous hallway that was necessary to run children up and down," says architect Steve Sherman. "It gives the project a nice scale." The judges agreed, deeming the plans "well carried out."

"A lot of people who went to the school came back and walked down the hallway," Sherman says. "They said we'd kept the character of the existing building. And now, no one gets penalized for looking out the window."—c.w.

project architect:

Steve Sherman, AIA, Sherman-Carter-Barnhart Architects

developer:

Holly Weidemann, AU Associates, Lexington

general contractor:

Jerry Osborne, Springfield Contracting, Springfield, Ky.

landscape architect:

Sherman-Carter-Barnhart Architects

project size:

770 to 1,100 square feet per unit

site size:

2 acres

construction cost:

\$60 per square foot

rental price:

\$332/month to \$415/month per unit

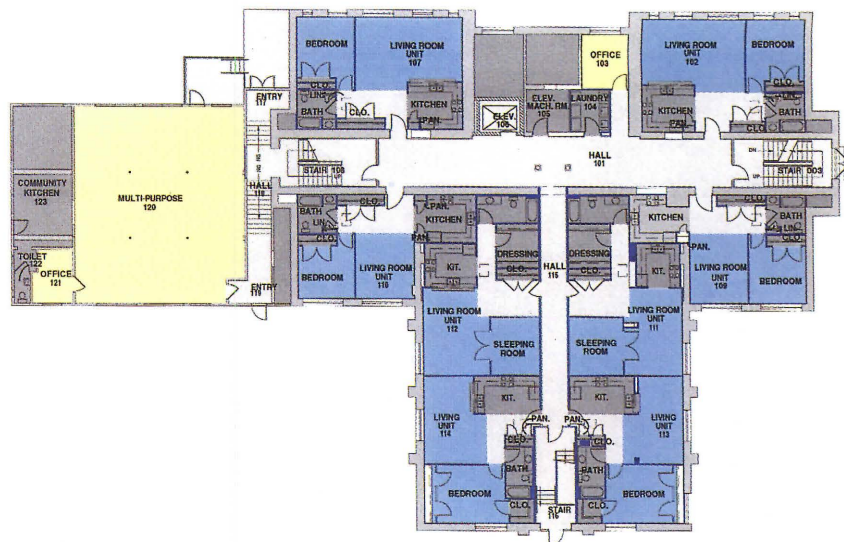
units in project:

24

photographer:

Walt Roycraft Photography

See pages 115–120 for product information.



Sherman-Carter-Barnhart Architects faithfully preserved all the generous window openings and exterior details in the school-to-apartment conversion.

Building On Generations Of Experience



*We*re committed to the future! At EAGLE Window & Door we continue to offer a rich heritage of superior craftsmanship. Many of our employees are second- or third- generation window crafters, and remain the strength and heart of our business. That's why we're reinvesting in our community by building a new, state-of-the-art manufacturing facility. From the oldest, continually-operated window and door facility in the country (circa 1860's) to the newest, EAGLE is dedicated to carrying on a long-standing tradition. Isn't it time you experience a legacy in the making!



For information about EAGLE, call (800) 453-3633 or visit our website at www.eaglewindow.com.



© 2000 EAGLE Window & Door, Inc. - Dubuque, Iowa
An American Architectural Products Corp. Company

production / merit

blueprint 2000

chapel hill, n.c.

looney ricks kiss

memphis, tenn.

When the editors of *Better Homes & Gardens* asked architect J. Carson Looney to design the ultimate house for the new century, he thought he'd be bound by tradition.

"But the editors surprised me," Looney recalls. "They said, 'We don't want a typical front-porch house. We want you to push the envelope and design a truly modern, livable home.'"

Looney complied enthusiastically with an elegant design for a 3,000-square-foot residence in Chapel Hill, N.C. Our judges admired the design's "great floor plan" and "non-mainstream elements—like clipped eaves and metal roofs."

"This is a house that really balances function and beauty, neighborhood presence and family privacy," Looney notes. The principal rooms have "eyes on the street" to establish a connection to the neighborhood, but the generous courtyard offers a private and protected family space.

"We've had people come up to the house and say, 'I just love its contemporary lines,' followed five minutes later by couples who say, 'It's one of the best traditional houses we've seen,'" Looney laughs. "That in a nutshell is what this project was all about."—j.s.

project architects:

J. Carson Looney, FAIA, principal in charge, and Rob Carlton, project architect, Looney Ricks Kiss

developer:

Bryan Properties, Chapel Hill

general contractor:

Mark W. Kirby & Brian Dixon, Dixon/Kirby & Co., Cary, N.C.

landscape architect:

Southern Landscape Professionals, Willow Springs, N.C.

interior designer:

Joseph Boehm, *Better Homes & Gardens*, Des Moines, Iowa

project size:

3,000 square feet

site size:

.35 acres

construction cost:

\$239 per square foot

sales price:

\$718,000

photographer:

Geoffrey Gross Photography

See pages 115–120 for product information.



The house flows from a public front with "eyes on the street" to a private rear courtyard. Inside, the emphasis is on flexibility. Sliding walls allow the living and dining rooms to become one open space or two separate rooms.



**YOU MIGHT FIND YOUR CREW STARING AT THE CEILING.
AND THEN YOU'LL PROBABLY JOIN THEM.**

Ply-Bead gives you the timeless beauty of tongue-and-groove planking in durable, easy-to-install 4' x 8' beaded panels. Ply-Bead Classic with 1.6" on center grooves is perfect for rustic wainscoting, porch ceilings and wall treatments. So save time, money, and add the classic look that never goes out of style. Use Ply-Bead from Georgia-Pacific. Call **1-800-BUILD-GP** or visit **www.gp.com**.

PLY-BEAD®

© 2000 Georgia-Pacific Corporation. All rights reserved. Ply-Bead is a registered trademark of Georgia-Pacific Corporation.

Georgia-Pacific



PRODUCTS BEHIND SOLID SOLUTIONS

production / merit

desert hills at desert mountain
scottsdale, ariz.

downing, thorpe & james
boulder, colo.



Covered entry courtyards protect the residents of Desert Hills from the hot Arizona sun.

Desert Hills' Scottsdale, Ariz., setting is filled with scenic views of the Sonoran Desert, but they alone didn't satisfy project architect Rick New of Downing, Thorpe & James. "These lots don't have golf-course views like the other communities in Desert Mountain," he says. "They're also right next to a major road. We had to create some sort of *alternative amenities* that would overcome those negatives."

So the firm threw its energies into creating a strong connection between home and environment. The architects used materials that evoke the colors and textures of the desert, like sand-colored stucco and cultured stone.

And they paid attention to the landscaping, using native plants and creating unique outdoor rooms for each of three basic plans.

DTJ's efforts weren't in vain; the judges were universally impressed with the project's response to its environment. "It's an intricate response to its site," said one.—*m.d.*

project architect:

Rick New, AIA, Downing, Thorpe & James

land planner:

Steven James, AIA, and Susan Wade, Downing, Thorpe & James

developer:

J.T. Elbracht, Desert Mountain Properties, Scottsdale

general contractor:

Brian Ives, Price Woods, Scottsdale

landscape architect:

Susan Wade, Downing, Thorpe & James

interior designer:

Hillary Reed, Hillary Reed Interiors, Littleton, Colo.

project size:

3,159 to 4,528 square feet per unit

site size:

43 acres

construction cost:

\$136 per square foot

sales price:

\$750,000 to \$1,115,000 per unit

units in project:

36

photographer:

© 1999 Mark Boisclair

See pages 115–120 for product information.

The Power of Performance



Ordinary vinyl siding



Oversized lock



Grand Sierra



GRAND SIERRA®
the next level of beauty and performance™

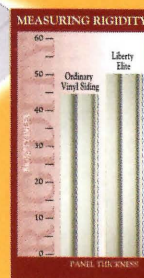
Kynar 500® Topcoat



Lake Forest PREMIER
A NATURAL EVOLUTION™



LIBERTY ELITE
THE NEW GENERATION OF QUALITY™



Grand Sierra®

- Reinforced nail hem
- Oversized lock
- 3/4" profile height
- Nominal .046" thickness
- Realistic cedar-grain finish
- 14 colors, 3 profiles
- Lifetime Limited Warranty

Lake Forest Premier®

- Authentic cedar beauty
- Protected by an exclusive Kynar 500® finish
- Eight colors duplicate natural stained cedar
- 3 profiles
- Lifetime Limited Warranty with 25-year fade protection

Liberty Elite®

- Rich woodgrain texture
- Color clear-through finish
- Nominal .048" thickness
- 14 colors, 3 profiles
- Lifetime Limited Warranty



All you need.™

Put the awesome power of Alcoa's outstanding trio of hi-performance panels to work for you with Grand Sierra®, Lake Forest Premier® and Liberty Elite®. Designed for superior strength and extraordinary beauty, no other vinyl siding looks better or stays strong longer. And no one else offers Alcoa's comprehensive "All you need" color matching system, allowing you to completely coordinate metal, trim and a wide array of designer accessories. Ask your nearest Alcoa distributor about Alcoa's powerful lineup of performance products. And turn the power on.

ALCOA
All you need.™

Alcoa Building Products, Inc. • 1501 Michigan Street, P.O. Box 57
Sidney, Ohio 45365-0057 • 1-800-962-6973 • www.alcoahomes.com

production / merit

providence at anthem, plan 2

las vegas

ktgy group

irvine, calif.

The judges liked KTGy Group's answer to the challenge of designing an attractive streetscape on a tight budget. Instead of a traditional front garage, the Irvine-based firm gave each house a 17-foot-wide porte cochere and pushed the garage to the back. "The long horizontal line makes the facade of the house appear bigger," one judge noted. And it makes for a more graceful front elevation.

Principal-in-charge John Tully says the porte cochere adds a custom touch to the houses. "It's a way of giving people a little more control over their environment," he says. "It gives them some additional shade—that's particularly important in this area of the country."—*m.d.*

project architect:

David Kent, AIA, KTGy Group

land planner:

Chris Crawford, Richardson Berdoon, Austin, Tex.

developer:

John VanderVelde, Del Webb's Coventry Homes, Henderson, Nev.

general contractor:

John VanderVelde, Del Webb's Coventry Homes

landscape architect:

Jaimie Demolina, Professional Design Associates, Upland, Calif.

interior designer:

Debra Newell, Ambrosia, Tustin, Calif.

project size:

2,058 square feet per unit

site size:

21.5 acres

construction cost:

Withheld

sales price:

\$147,990 per unit

units in project:

159

photographer:

Jeffrey Aron Architectural Photography

See pages 115-120 for product information.



The plan features a game room behind the garage and a Hollywood driveway.



Think of this as art
for people who already own
the perfect frame.

There's an art to building a home. It's a bit like framing a dream. And nothing reflects the spirit of your creation like the windows. They establish a style, light the mood and capture your view of the world. A good window must balance form and function. Creating a great one, is an art.

Whether you're crafting a masterpiece or painting by the numbers, we've got your window. You see, International Window is the picture of versatility, with windows and patio doors for any application—in vinyl or aluminum. Think of them as an art collection that's perfectly matched to every frame.



International Window Corporation

Windows and doors for real life.



Glass Technology
S I N C E 1 8 8 3

5625 E. Firestone Blvd., South Gate, CA 90280 800.477.3391 or Visit Our e-Showroom: www.intlwindow.com

Circle no. 47

production / merit

charleston II

kentlands, md.

torti gallas and partners / chk

silver spring, md.



These detached townhouses grab outdoor space with private porches and a common green.

Kentlands, a Neo-Traditional community on the outskirts of Washington, D.C., just keeps on winning accolades—for its master planners, Duany Plater-Zyberk & Co. (DPZ), and for the architects who've followed their guidelines.

Torti Gallas and Partners/CHK have designed several phases in the 350-acre development, including the recent Charleston II, which our judges awarded a certificate of merit.

When project architect Maurice Walters, AIA, went looking for design inspiration for this cluster of four-story detached townhouses, he turned to another DPZ community, Seaside, Fla. The template helped him scale the tall homes properly, and he used some of the same elements—porches, several patterns of siding, solidly trimmed fenestration—to bring them down to size.

The judges admired the homes' deft detailing, even more impressive because of their moderate price range. The houses have sold swiftly, appealing to childless professionals and those with young families seeking what Walters calls a "light urban experience."—s.c.c.

project architect:

Maurice Walters, AIA, Torti Gallas and Partners/CHK

land planner:

Duany Plater-Zyberk & Co., Gaithersburg, Md.

developer:

Great Seneca Development Corp., Gaithersburg

general contractor:

Mitchell and Best, Rockville, Md.

landscape architect:

Lawrence Reader Associates, Burtonsville, Md.

project size:

2,000 square feet per unit

site size:

7 acres

construction cost:

\$56 per square foot

sales price:

\$195,000 to \$260,000 per unit

units in project:

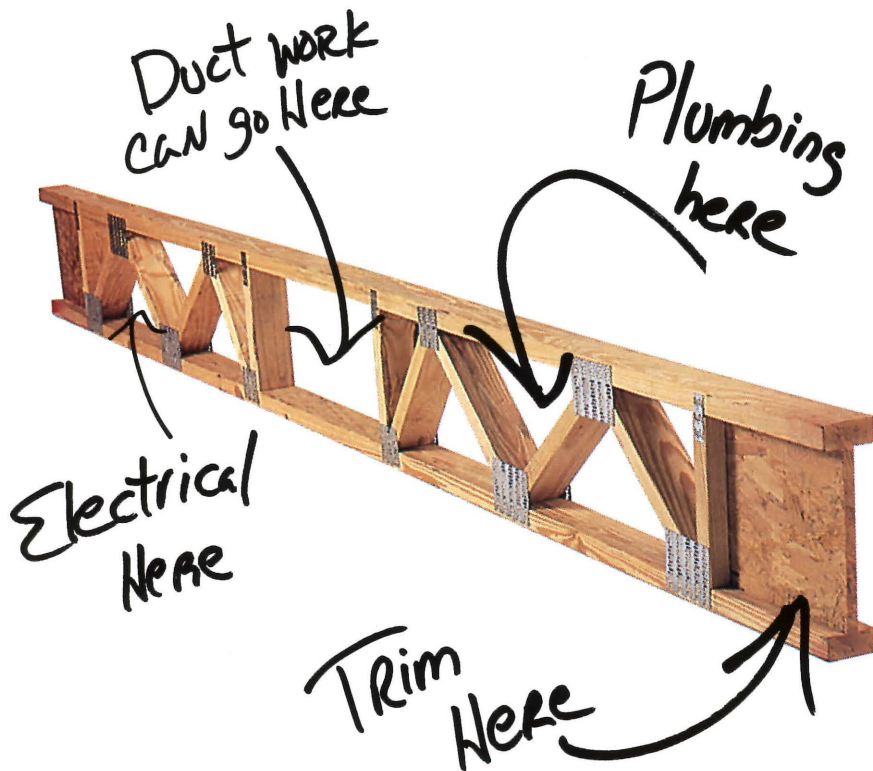
15

photography:

Courtesy Torti Gallas and Partners/CHK

See pages 115–120 for product information.

Trim Joist



Problems Solved!

Call
Visit

**Yes, it's that easy
with TrimJoist—
the best choice.**

- TrimJoist can be trimmed to fit onsite.
- With TrimJoist's strut webbing, you don't need a subcontractor to cut holes — that means using TrimJoist saves time and money.
- Because you don't have to cut holes in TrimJoist for plumbing, electrical or duct work like you must with other joists, it's stronger.
- Have complex angled walls?
No problem with TrimJoist!
- Use our team of engineers to assist you in selecting the correct TrimJoists for your application. Contact TrimJoist today for your nearest supplier.

TrimJoist
ENGINEERED WOOD PRODUCTS

For more information call

Free 1-800-844-8281. Visit our website at <http://www.trimjoist.com>

U.S. Patent Number 5,761,872

Additional U.S. Patents pending

Circle no. 22

on the boards / grand

the saulet

new orleans

james, harwick + partners

dallas

Like many tourist meccas, New Orleans faces the thorny problems of overcrowding and urban growth. So our hats are off to James, Harwick + Partners, who offer a head-on solution with the Saulet. The residential/retail development, slated to open at the end of this year, combines living, working, and public spaces that nicely preserve the architectural style, scale, and street pattern of its historic neighborhood.

The 708-unit apartment complex, once the site of derelict warehouses, lends a residential edge to the Lower Garden District on one side and the Convention Center on the other. Its retail spaces are just large enough for such basic neighborhood services as a dry cleaner, pharmacy, or corner deli. Purely residential units are ingeniously interspersed with live/work combos—small apartments above street-level workspaces, connected by stairs. “As more and more people become independent contractors or entrepreneurs,” says architect Mark Wolf, “this kind of urban design is starting to evolve as a lifestyle issue.”

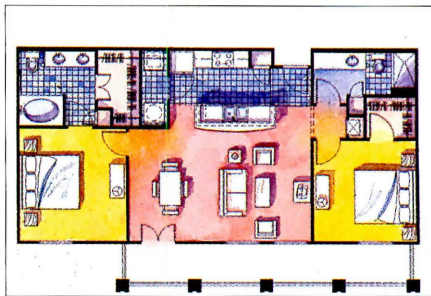
JHP used materials and proportions to differentiate between the various uses. Retail areas are executed mostly in metal, a historic connection to the steel galleries and stylish filigree of the Garden District and the French Quarter. Residential and live/work units feature traditional wood, but are slightly different from each other in proportion and column layout. The residential apartments draw their mansion-scale details from those in the Garden District.

“We were careful to use the Garden District as a design precedent,” Wolf says. “One of the pitfalls is to get too nostalgic. We tried to take a cleaner, more contemporary slant, which was driven in part by the realism of the budget.” The judges approved, commenting that the design is “done elegantly and with a lot of variety. It looks very New Orleans without resorting to a lot of wrought iron and curlicues.”

The Saulet enhances community life by combining living, working, and meeting places within a historic neighborhood.







At 55 units per acre, the project's density was a design challenge. The architects managed, however, to include three parking garages, 145 ground-level parking spaces, and a pocket park. "We tried not to let the automobile drive this thing too much," Wolf says. "But the design was also market-driven. We had to provide on-site parking." From a neighborhood standpoint, that amenity adds to the Saulet's appeal, as does the project's distinctive location and layout, and the cachet of the brand-new. "It's unique because there's not much residential construction in the city," Wolf says. "Finally people have an alternative to warehouse conversion and fix-it-up stuff."

Indeed, the Saulet is a refreshing alternative to the unsightly, anonymous sprawl all too common on America's metropolitan fringes. "I knew it was New Orleans the minute I looked at it," said a judge.—c.w.

project architect:

J. Mark Wolf, AIA, James, Harwick + Partners

land planner:

J. Mark Wolf, James, Harwick + Partners

developer:

Michael W. Riley, Greystar Capital Partners, Houston

general contractor:

Tom Murphy, Greystar Development & Construction, Houston

landscape architect:

Talley Associates, Dallas

project size:

874 to 1,375 square feet per unit

site size:

13.5 acres

construction cost:

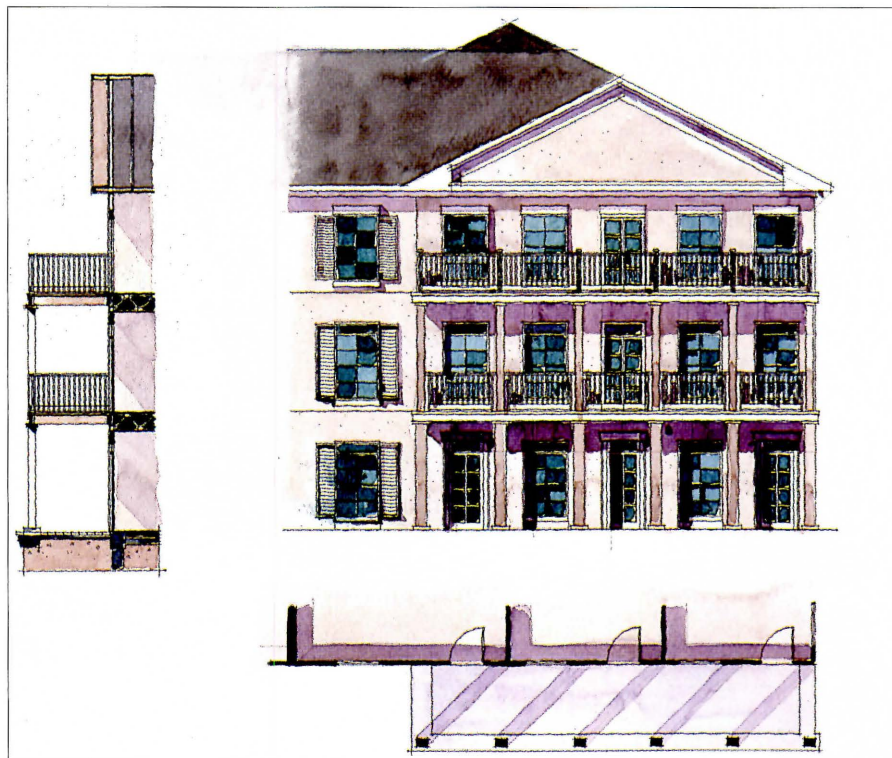
\$71 per square foot

rental price:

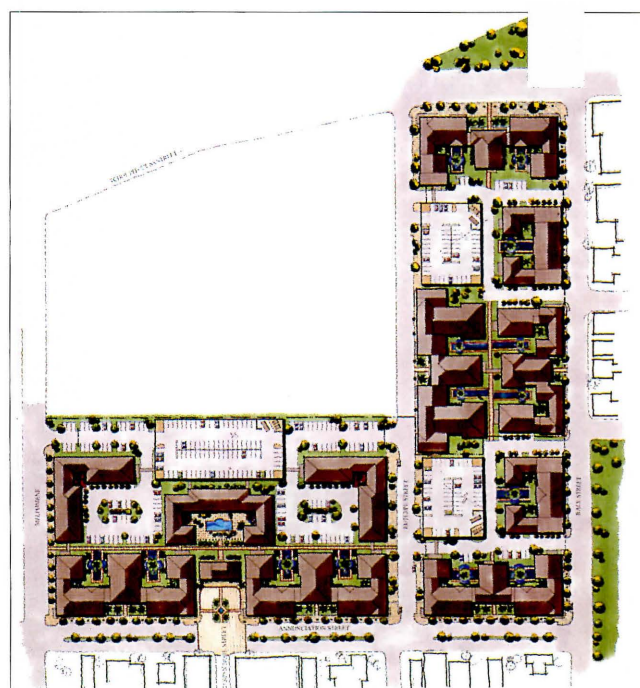
\$700/month to \$1,650/month per unit

units in project:

708



The architects artfully mixed purely residential units and live/work galleries, which connect a street-level office with an upstairs apartment. Both types of apartments feature traditional wood; retail areas are executed mostly in metal. Despite the project's 55-unit-per-acre density, JHP managed to pack in plenty of parking.





A quality window reflects on the rest of
YOUR HOUSE.

It's amazing what a quality window can do for ceramic tile or fancy cabinets. But choose a window that won't perform over the long run, and other quality touches don't seem to matter. WDMA-member windows make a home beautiful and efficient, inside and out. Can a marble countertop do all that?

WINDOWS, DOORS AND SKYLIGHTS MATTER.

Ask your suppliers if they're members of the WDMA. For more information about WDMA windows, doors and skylights, call 800-223-2301 or visit our

Web site at www.wdma.com.



on the boards / merit

mcallister point model homes
the ford plantation, richmond hill, georgia
ferguson shamamian & rattner
new york

Ferguson Shamamian & Rattner's graceful concept for McAllister Point Model Homes, a master planned community on the grounds of an 18th century plantation, befits the project's historical setting.

The parcel of land designated for the project offers unobstructed views of a protected rice basin and bird nesting sanctuary and of the Ogeechee River. "The plan was generated by the location," says principal-in-charge Don Rattner. "Rather than just let one or two houses have that view, we decided to create a more 'urban' envelope."

FS&R followed the model of the traditional Savannah square, a landscaped square bordered by houses. They coupled it with plans designed in the Charleston side-yard tradition—each home is turned perpendicular to the street and contains a two-story side porch. The strategy honors the project's Southern roots, and it succeeds in granting all of McAllister Point's residents hard-to-beat views. "Having the houses frame the commons is just a great idea," said one judge.—*m.d.*

project architect:

Don Rattner, Ferguson Shamamian & Rattner

land planner:

Ferguson Shamamian & Rattner

developer:

Dolan, Pollak & Schram, The Ford Plantation

general contractor:

Sterling Construction Management, The Ford Plantation

landscape architect:

Edmund Hollander Design, New York

project size:

2,080 to 3,940 square feet per unit

site size:

8 acres

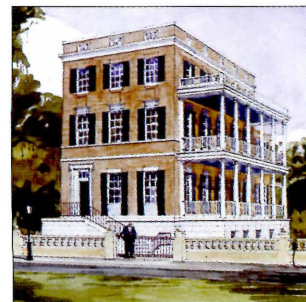
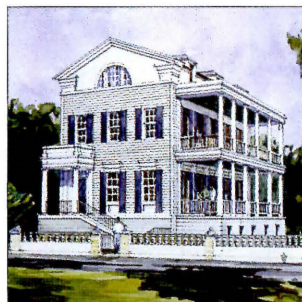
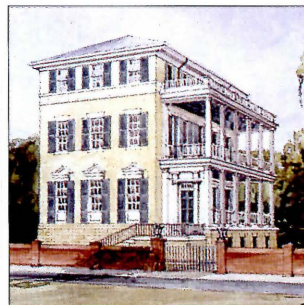
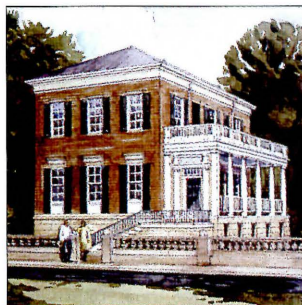
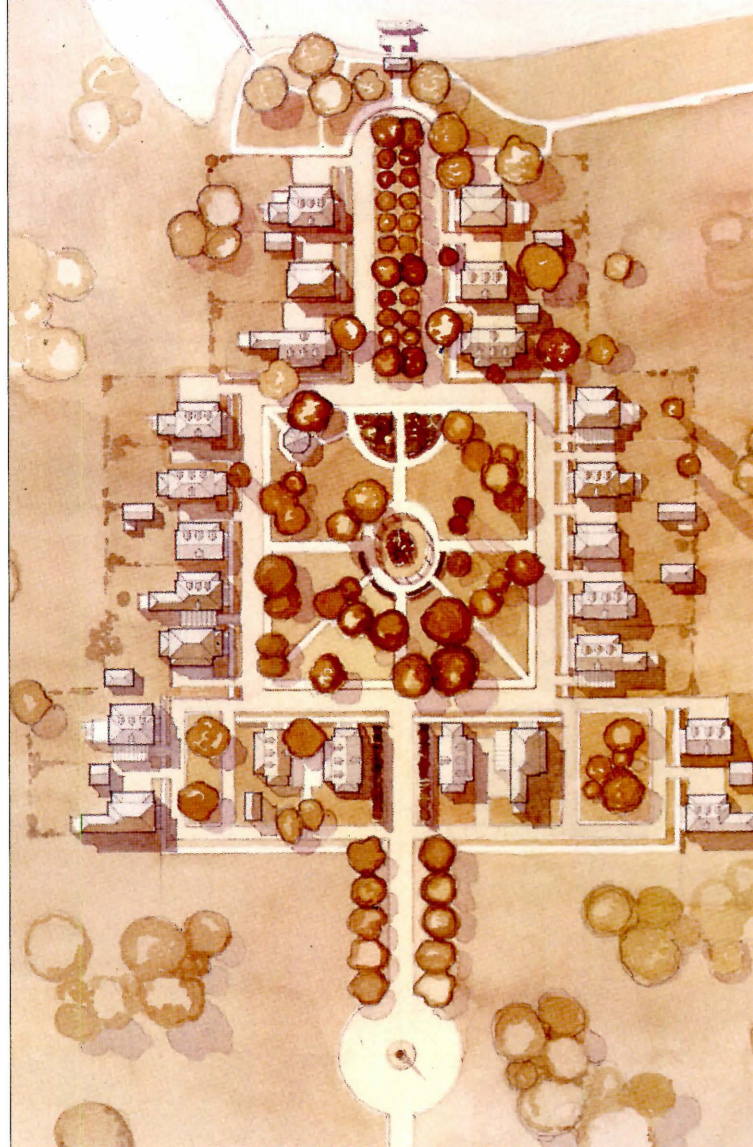
construction cost:

Approximately \$225 per square foot

units in project:

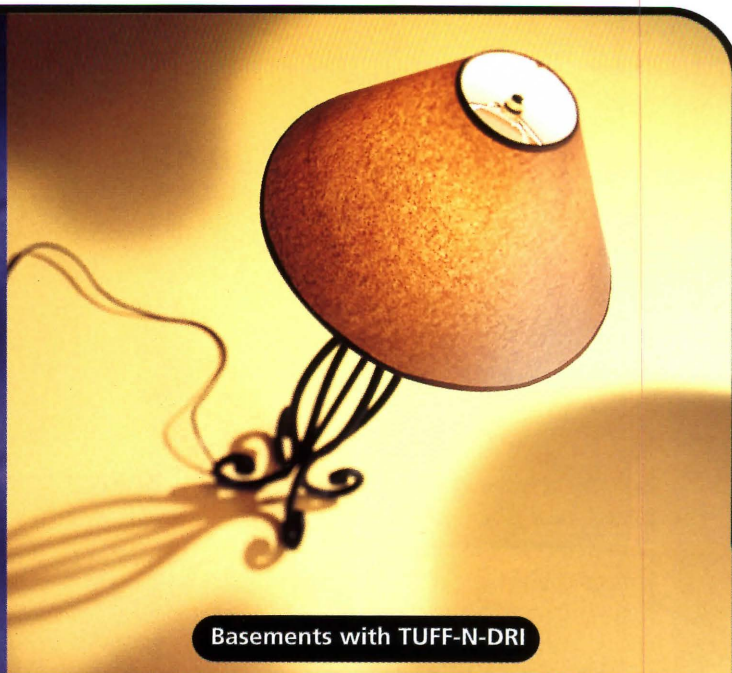
24

Buyers at McAllister Point will be able to choose from six different front elevations.





Basements without TUFF-N-DRI



Basements with TUFF-N-DRI

Why are buyers seeing basements in a whole new light?

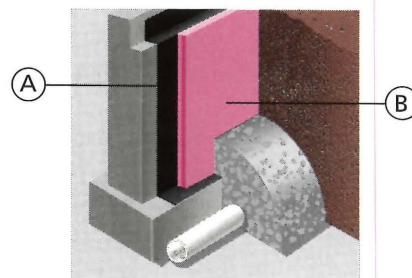
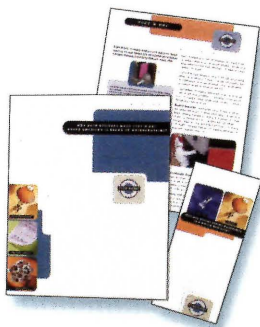
DRY IS WHY. Today's homebuyers are seeing basements as a new level of luxury living. A place for home theaters, guest suites, home offices and



more. It's the kind of space they're willing to invest in – which means a whole new level of design possibilities for you. But for basements to offer luxury living space, they must first be reliably dry. Which is why you need the TUFF-N-DRI®

Basement Waterproofing System

(TUFF-N-DRI) from Koch Waterproofing Solutions. As North America's #1 brand of waterproofing, TUFF-N-DRI has been providing Guaranteed Dry Basements since 1983. Delivering a track record that other water protection products can't touch. TUFF-N-DRI is such a strong performer, it even features a 15-year transferable warranty* with up to \$10,000 in coverage. So start seeing basements – and the possibilities – in a whole new light. For a free information kit about TUFF-N-DRI – or for the name of your local Select Waterproofing Contractor – call 800-DRY-BSMT today. Or visit www.TUFF-N-DRI.com.



A) TUFF-N-DRI waterproofing system's flexible membrane is spray-applied to span foundation setting cracks. B) A quality foundation board insulates, protects the membrane, reduces condensation and helps drainage.

Preferred by Architects

2 to 1**



*See actual warranty for full details. **Compared to next closest competitor, 2000 *Residential Architect* magazine survey.
©1999 Koch Materials Company. TUFF-N-DRI® is a registered trademark of Koch Materials Company.

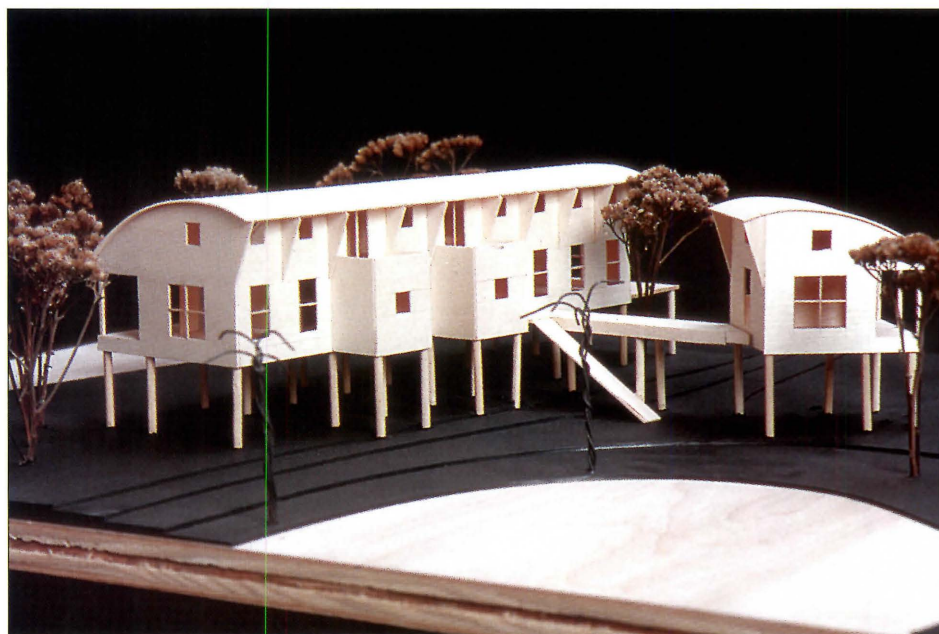
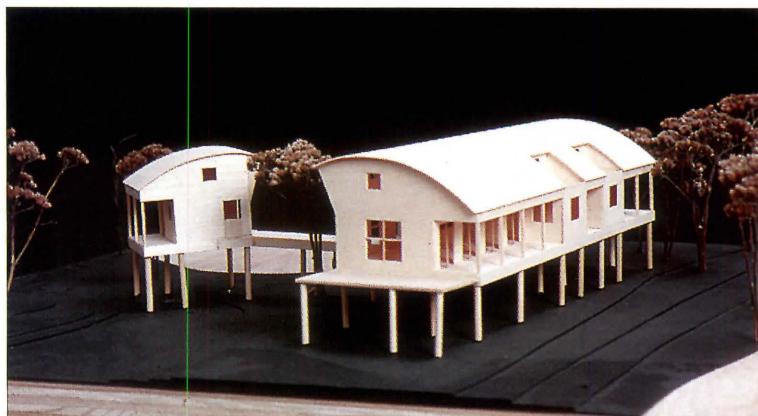
on the boards / merit

picard/samsel residence

dewees island, s.c.

studio a

charleston, s.c.



designing a residence for tiny Dewees Island, near Charleston, S.C., has presented architect Whitney Powers with a host of challenges. All materials will have to be transported from the mainland by barge or ferry; federal and local laws mandate a 12-foot elevation above grade; and only minimal clearing of the pristine site is permitted.

But Powers' design for the 2,200-square-foot house and adjacent guest quarters earned high praise from the judges, who applauded the project's "nice, simple scheme" and its seductive "clarity."

"We've used the vault idea here to establish the fact that from anywhere inside the main house you'll have a clear sense of the entire structure," Powers says. Even lofts above the bedroom and living room open to allow uninterrupted views of the space.

The vault also allows Powers to "keep a much lower profile" within the canopy height of nearby live oaks. "Had we gone with a ridge or shed, the house would have been much higher," Powers says. "This design is far more discreet, becoming part of the horizon when seen from a distance."—j.s.

project architect:

Whitney Powers, Studio A

developer:

John Knott Jr., Island Preservation Partnership, Isle of Palms, S.C.

project size:

2,600 square feet

site size:

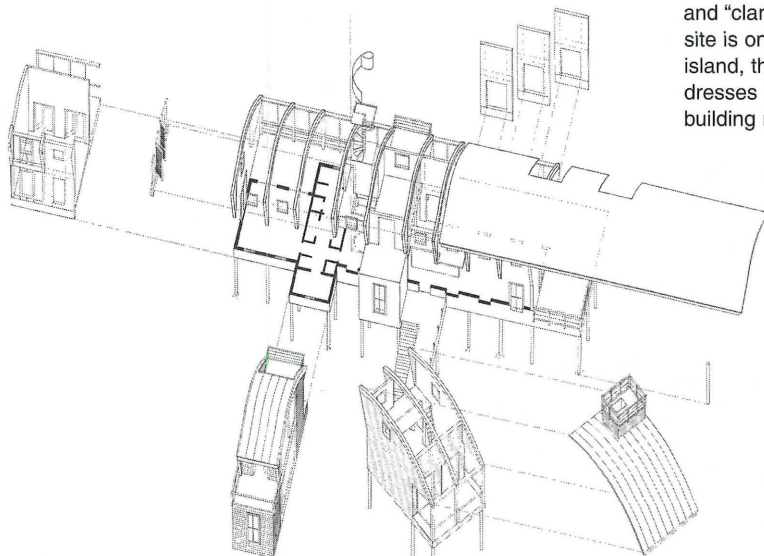
1.28 acres

construction cost:

Anticipated \$150 per square foot

photographer:

David Edwards



This project won kudos from the judges for its "nice, simple scheme" and "clarity." Because the site is on a fragile barrier island, the design addresses highly restrictive building requirements.

A stone fireplace with a wooden mantel. On the mantel is a detailed model of a three-masted sailing ship. The fireplace opening shows a bright fire burning over a metal grate. To the right of the fireplace is a wooden bookshelf with books and a small figurine. In the foreground, a basket of fruit sits on a wooden surface.

Comfortable.

Good looking.

Easy to live with.

(We're talking about the price)

Introducing the Hearthfire, model CFX-36T gas fireplace. Now you can offer your customer a beautifully designed fireplace with a handsome masonry look.

The patented ceramic fiber refractory provides superb insulation. Plus it helps radiate more heat while creating a wonderful realistic glow.

For more information, call us toll free at 1-888-427-3973.

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 • Visit our web site at www.heatnglo.com

Circle no. 261

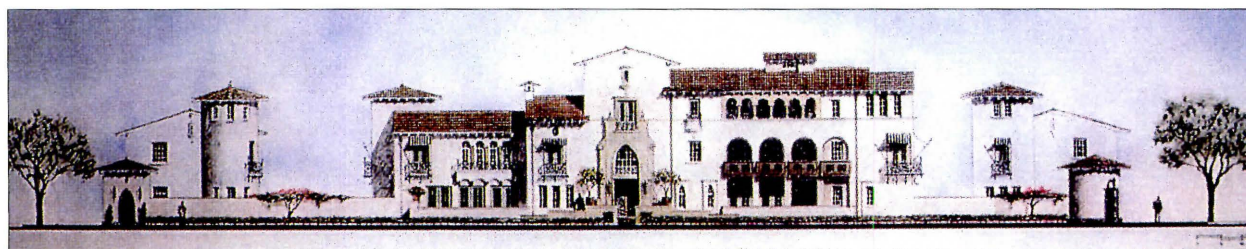
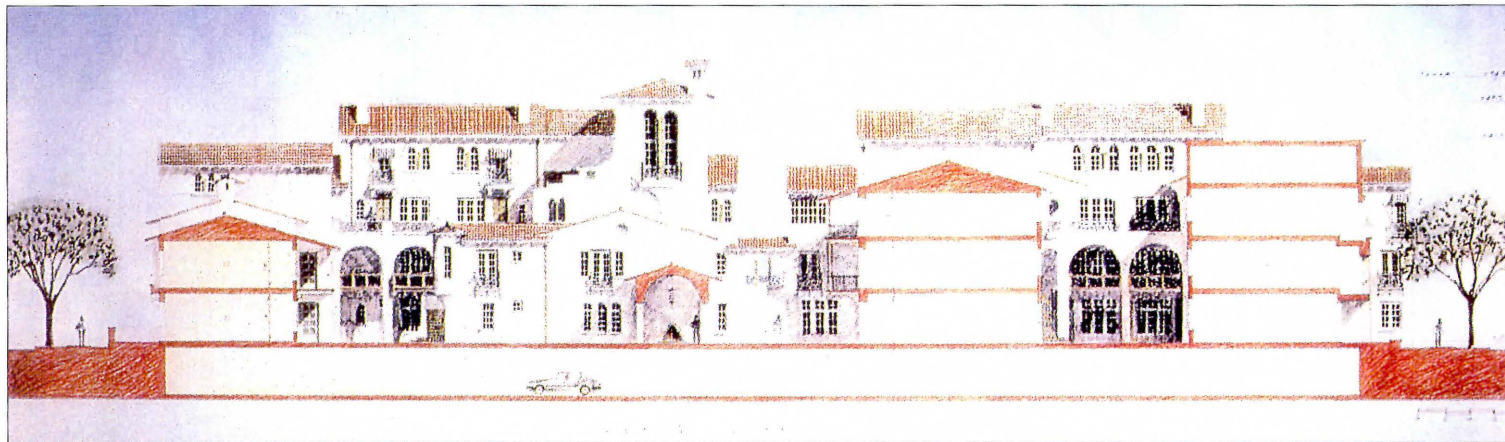
on the boards / merit

mansion condominiums at playa vista

los angeles

scheurer architects

newport beach, calif.



The judges approved of the Mansion Condominiums' asymmetrical elevations. Turrets, arched windows, balconies, and varying roof heights lend authenticity to the project's fictional history as three large houses subdivided over time.

The judges applauded the romantic contextual-ity of the Mansion Condominiums at Playa Vista. "It is L.A.," said one. The folks at Scheurer Architects would be happy to hear that; according to director of design Bob White, that's exactly what they were going for. "We used the L.A. courtyard buildings of the 1920s and '30s as our inspiration," he says.

The Mansion Condominiums' one-acre site is located at the intersection of two major streets in this ambitious Neo-Traditional community. In addition to modeling the 35-unit complex after classic L.A. courtyard buildings, White and his team opted to give the project its own personal history. "We wanted it to look like an old house that's been converted into condos," he explains.

The three street facades each resemble a Spanish villa. Inside the arched entry, the "mansions"

are carved up into condominiums with courtyards, gardens, and other semi-private outdoor spaces.
—m.d.

project architect/land planner:

J. Robert White, Scheurer Architects

developer:

Playa Vista, Los Angeles

project size:

1,500 to 2,500 square feet per unit

site size:

1 acre

construction cost:

\$110 per square foot

sales price:

\$400,000 to \$600,000 per unit

units in project:

35



off the shelf

screen play

shoji screens divide and conquer space.



hanging around

An optional top-hanging rack makes these made-to-order shojis ideal for areas with incompatible flooring. Screens are made from tear-free paper and either western red or Alaskan yellow cedar. CTT Furniture, 619.587.9311.



sliding home

These sliding shoji panels work equally well as interior partitions or window coverings. Rice paper can be laminated to glass for kitchen and bathroom applications. Sound-absorbing acoustic liners available. Design Shoji, 707.485.5550.



on track

A four-track, four-screen system lends versatility to Cherry Tree shoji window screens. Frames come in maple, cherry, walnut, and black lacquer. Also available: shoji designs in American hardwoods with custom stains. Cherry Tree Design, 800.643.3268.

—hillary jaffe



We give you

STRENGTH

and

Beauty



Made with a proprietary cement matrix and reinforcing glass fibers, Slate/Select roofing shakes are so strong and durable they are walkable.

Glass fibers, unlike moisture-absorbing cellulose fibers, make Slate/Select freeze-thaw resistant and rot resistant. They are even recommended for adverse climates.

Integrally colored and cast in moulds made from real slate, Slate/Select is the most realistic substitute for slate roofing available.

Backed by a 40-year warranty, Slate/Select is the most practical roofing product available.

SLATE/SELECT, Inc.TM

3162 Miller Park Drive North, Garland, Texas 75042-7759, 972/276-2000, www.stone-slate.com

INTRODUCING



June 13 & 14, 2000

The Ronald Reagan International Trade Center

Washington, D.C.

DIGITAL CUSTOMERS, DIGITAL COMPETITION, DIGITAL COMMERCE

[THRIVING IN THE DIGITAL AGE]

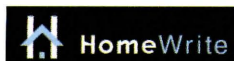
Salomon Smith Barney recently predicted that within three to five years, the Internet will handle virtually every aspect of the home building process.

You know it's time to design an Internet strategy, but like most home building professionals, you probably don't know how or where to start.

ihousing will address the fundamental question: What will the housing industry look like, and how will we get there? This is one conference you can't afford to miss.

Conference Corporate Sponsor
Builder **CertainTeed** **ProSales** **BuilderOnline.com**
BUILDINGSOLUTIONS

SPONSORED BY



ALCOA BUILDING PRODUCTS • BUILDNET • BUILDTRAK.COM • CHANNELINX.COM
COMPUTERS FOR TRACTS • THE CYR GROUP • WEATHER SHIELD WINDOWS & DOORS

INTERNET STRATEGY FOR HOUSING PROS



TUESDAY, JUNE 13TH

- 7:30 a.m. – 8:00 a.m. **Breakfast**
- 8:00 a.m. – 8:15 a.m. **The Digital Road Ahead**, Boyce Thompson, BUILDER Magazine
- 8:15 a.m. – 9:30 a.m. **Keynote Address: Marketing in an Internet Age**, Dr. Peter Sealey, DigaComm LLC
- 9:30 a.m. – 10:15 a.m. **The EKB Model**, Bruce Karatz, Kaufman & Broad Home Corp.
- 10:15 a.m. – 10:30 a.m. **Coffee Break**
- 10:30 a.m. – 11:15 a.m. **How the Internet Revolution is Playing on Wall Street**, David Dwyer, Salomon Smith Barney
- 11:15 a.m. – 12:45 p.m. **Brave New World: Selling and Servicing Homes Over the Internet**, Jon and Margie Davis, Sunlight Homes; Mark Wilson, London Bay Homes; Carrie Gehlbach, Medallion Homes
- 12:45 p.m. – 2:00 p.m. **Lunch**
- 2:00 p.m. – 3:30 p.m. **Standing Out in the Digital Crowd: How to Create a Presence on the Internet**, Robert I. Toll, Toll Brothers; Matt Wise, NewHomeNetwork.com
- 3:30 p.m. – 3:45 p.m. **Coffee Break**
- 3:45 p.m. – 4:45 p.m. **The Future of the Internet**, Mark Walsh, VerticalNet
- 5:00 p.m. – 7:00 p.m. **BUILDER and PROSALES Web Design Award Reception**

**DON'T MISS THIS
DYNAMIC INTERNET
CONFERENCE CREATED
ESPECIALLY FOR
HOUSING
PROFESSIONALS**

WEDNESDAY, JUNE 14TH

- 8:00 a.m. – 8:30 a.m. **Breakfast**
- 8:30 a.m. – 9:30 a.m. **New Digital Tools for a Digital Age**, Scott Klososky, Webcasts.com
- 9:30 a.m. – 10:45 a.m. **The Promise of E-Commerce**, Keith T. Brown, BuildNet; Alan Laing, Pulte Home Corp.; Ron Ross, Cameron Ashley; Brad Mattson, CertainTeed Corp.
- 10:45 a.m. – 11:00 a.m. **Coffee Break**
- 11:00 a.m. – 12:15 p.m. **Wired—Creating an Internet-enabled Company**, Ian McCarthy, Beazer Homes USA; Kenneth P. Neumann, Neumann Homes
- 12:15 p.m. – 1:30 p.m. **Lunch**
- 1:30 p.m. – 2:30 p.m. **Broadening Product Selection Through Web-based Systems**, Mike Cunningham, MASCO Corp.; Kerry Young, Buildscape
- 2:30 p.m. – 4:00 p.m. **New Horizons in E-Commerce**, Bill Bernardy, USBuild.com Corp. Jim Sobeck, Enterprise Computer Systems; Arnold Kraft, e-Wood.com
- 4:00 p.m. – 4:45 p.m. **The Internet-enabled Home**, Tricia Parks, Parks Associates

**Who Should
Attend:
Builders, Custom
Builders, Building
Product Dealers,
Distributors and
Manufacturers and
those who work
with and
sell to them.**

**For more information contact: *ihousing* information at 800.774.2537,
fax 202.736.3470, e-mail ihousing@hanley-wood.com or
visit www.builderonline.com.**

winning metals

new-look metal roofing offers a broad range of styles,
reliable performance, and easy installation.

by rich binsacca

If your experience with residential metal roofing is limited to a standing-seam job on a rural vacation home or a copper-topped eyebrow dormer on a redone Colonial, it's time to update your spec books.

In an attempt to capture a larger share of the residential market, the metal roofing industry has expanded its product offerings far beyond the conventional vertical interlocking (standing seam) steel or aluminum panels and individual shingles and tiles you're probably familiar with. Today, there are metallurgic versions of dimensional asphalt shingles, wood shakes, Mission-style tile, and simulated slate. And those new looks are being fabricated into panels (or modules) that cover more area than a three-tab shingle and fasten directly to the roof deck.

"We're creating metal roofing for the masses," says T.J. Brown, general manager of Gerard Roofing USA, in Brea, Calif., who hopes the company's new Guardian shingle, a stone-coated panel, will help the company snag a larger share of the 170 million squares of roof-



Courtesy Gerard

Metal roofing manufacturers hope to capture a larger portion of the residential market by offering products that replicate the look of more common finishes like high-end laminate and slate.

ing installed annually. "The biggest obstacle [to boosting market share] is the lack of awareness outside the context of standing seam."

closing the gap

The industry's challenge is compounded by the perception that metal is simply too expensive for mainstream housing—especially if home builders are involved in specifying the roofing finish. "Builders are reluctant to put any extra money into the roof," says Brown. "They don't think they'll recoup the cost."

Until recently, the price barrier for metal roofing has been twofold: Not only is the initial cost of the material itself prohibitive,

but its installation is expensive, too. "The biggest influence on overall cost is the geometry of the roof," says Tom Black, executive director of the Metal Roofing Alliance, in Seattle. Traditional metal roofing, whether long panels or individual shingles, is harder to cut and apply on site than other finishes, he says, requiring special bending tools and fasteners, particularly if the roof is steep or complex in its design.

In their search for ways to make their products more attractive in terms of both cost and aesthetics, metal roofing manufacturers looked at trends in asphalt comp finishes. "We saw a housing market that

wanted more durable and expensive-looking roofs," says Brown, referring to the increase in premium-grade laminate shingles. In response, Gerard and other companies developed modular roofing panels embossed and textured with stone coatings to replicate that look. "It's an opportunity for us to develop a product on our lower end that's comparable in its dimensional profile to high-end laminate shingles," Brown says.

The new-look metal roofing also addresses installation costs. Gone are the cumbersome rows of battens; rather, the modules are applied to the deck from

continued on page 106

etermination



SmartAge.comSM

Few people would have the guts to walk away from a successful career as an Executive Chef, to start their own business selling recipes over the Internet. But then again, few people can make a Pineapple Upside Down Cake this good.

SmartAge.comSM is the place for small business eCommerce on the Web, so you'll be attracting new customers in no time. We've already helped over a million small businesses make money on the Web. We can help yours, too. No matter what kind of small business you've cooked up. SmartAge.com. Smart commerce for small business.

©2000 SmartAge Corp. All rights reserved.

eave to ridge with common roofing fasteners, just like a three-tab shingle—though the modules do interlock on all sides to help seal the roof and prevent tear-offs in high winds. While the simulated shakes and shingles make metal roofing appropriate for a much wider variety of home styles, “the *real* benefit of modular panels is quick installation,” Black says.

Yet another advantage of the new panels is that, unlike conventional standing-seam products, they do not involve special-order requirements. Instead, they’re available through standard distribution channels and contractors.

educating architects

In addition to training installers, manufacturers of modular metal roofing are conducting seminars for architects, with many classes qualifying for continuing education (or CES) credits. “Architects understand the concepts of life-cycle costs and low maintenance associated with metal roofing,” says Nancy Carl, with ATAS International, in San Diego and Allentown, Pa. “They’re interested in metal’s advantages over other roofing products.”

The primary advantage of a metal roof, especially for reroofing, is its light weight. At less than 1.5 pounds per square (com-

pared with twice that or more for high-grade asphalt comp), metal can often be installed over an existing roof finish, eliminating tear-off chores and cost. And, unlike much heavier concrete and fiber-cement finishes, metal does not require a beefed-up roof structure for support.

A common knock on metal, however, is its potential for corrosion and its poor impact resistance. To address these issues, makers have invested heavily in new coatings. Although polyester resins remain popular (because of low cost), more advanced silicone additives (or SMP coatings) and fluoropolymers (trade names Hylar 5000 and Kylar 500) better mitigate thermal, chemical, and UV intrusion, and thus minimize problems with cracking, chalking, and fading. Trade groups also recommend a G-90 zinc coating on both the top and underside of the metal for corrosion protection. Stone-coated varieties create a weather and wear barrier for their metal substrates, and new insulation and underlayment products lessen noise as well as thermal transfer and expansion.

In addition, factory-coated aluminum panels are recommended for coastal or other extreme conditions to limit rust potential, while the stone-coated and dimensional profiles (as

opposed to the long, flat exposures of a standing-seam panel) hide or even diminish damage from hail. In fact, the Texas Department of Insurance classifies metal roofing as resistant to the state’s notorious hail storms, resulting in 35 percent reductions in premiums related to roof damage coverage in homeowner insurance policies.

Black concedes that it may take a while to overcome the popular view of metal roofing as a corrugated barn cover or a snow shed on a ski chalet. “There’s a limited sense of what metal roofs look like, especially for residential,” he says. But with these

new modular products and their varied looks, those perceptions may well start to change. **ra**

Rich Binsacca is a freelance writer in Boise, Idaho.

what’s your spec?

Excited about a new product or material? Tell your peers about it in Doctor Spec. Send an outline of your idea to: Doctor Spec, *residential architect*, One Thomas Circle, N.W., Suite 600, Washington, D.C. 20005. Fax: 202.833.9278. E-mail: adoherty@hanley-wood.com.

resources

For a complete directory of metal roofing manufacturers, dial up the “Interactive Guide to Building Products” (www.builderonline.com) and search under the Metal Roofing category.

Metal Roofing Alliance

Seattle
888.638.2573; www.metalroof.org
The MRA is a coalition of metal-roofing manufacturers, paint suppliers and coaters, dealers, metal producers, and related companies and associations focused on the promotion of residential metal roofing.

Metal Construction Association

Chicago
800.797.8335; www.mca1.org
The MCA is a trade association concerned with all use of metal in construction. Offers “Guide Specifications for Residential Metal Roofing” (cost: \$10), among other publications and resources.

What other central vac would you expect to find in a state-of-the-art home?



When you build a state-of-the-art home, install a state-of-the-art Hoover central vac system. Because the family who buys that home will expect nothing less. Hoover is one of America's best known brand names. It's the name your buyers trust, and the one

**DEEP DOWN,
YOU WANT
HOOVER.™**



they'll pay more to own. Think of it this way: every home you build is forever your home. And which brand would you choose?

**For the Hoover central vac distributor
nearest you, call 1-800-891-5696.**

www.hoover.com
©2000 The Hoover Company

slide show

a rolling table hosts intimate dinners and large business gatherings with equal ease.

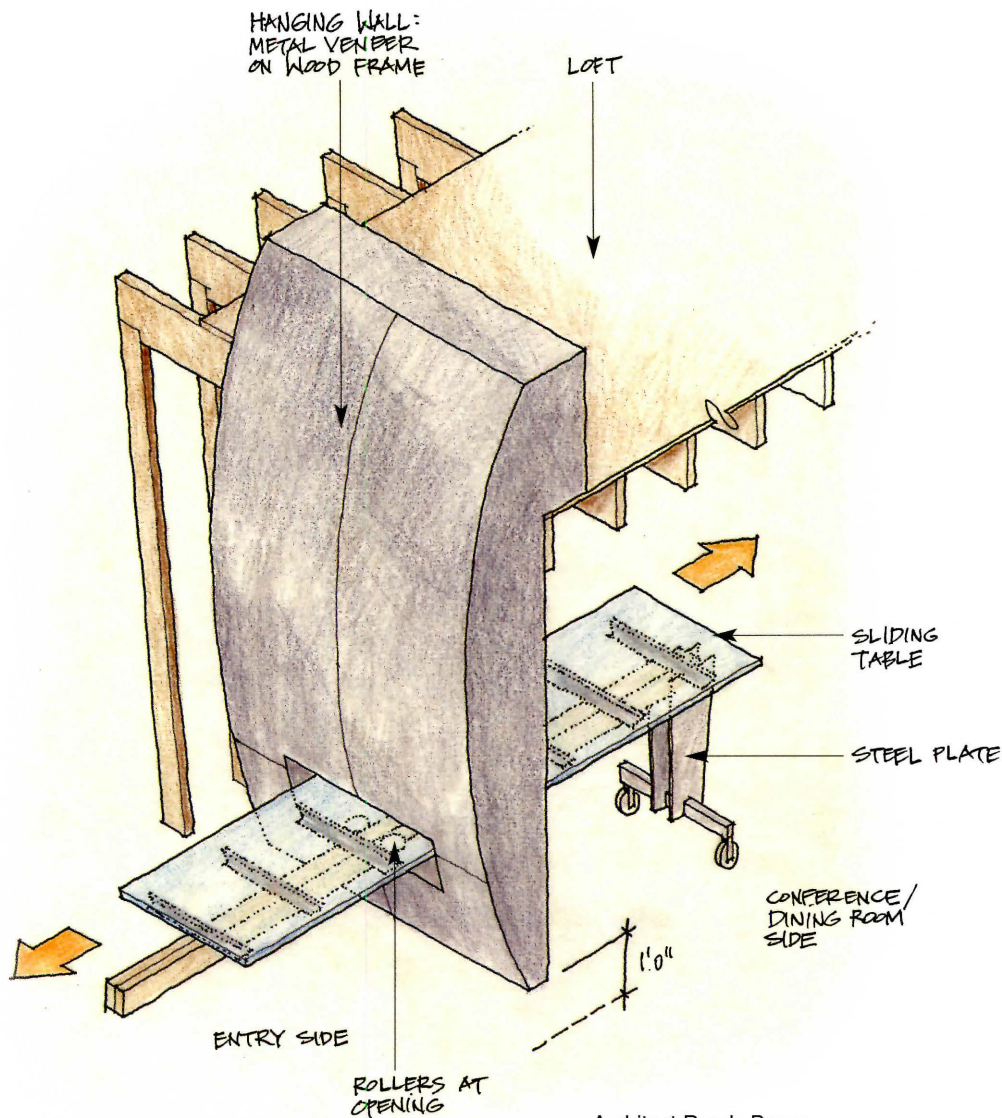
by rick vitullo, aia

When Omaha, Neb., architect Randy Brown designed his own house, which also contains his office, he wanted to express the fluid relationship between his work life and home life. As any professional who works from home knows, there is a constant back-and-forth between managing a business and a home when both occupy the same space. Brown addressed this situation in his design with a dual-purpose space: a dining room/conference room.

The centerpiece of this joint space is a clever 10-foot-long glass table that slides in and out of a sculptural hanging wall. The table can be pulled all the way out into the conference/dining room to accommodate large conferences or dinners, or pulled only partially through for smaller gatherings of either sort. In the latter case, the other end of the table projects into the entry space on the other side of the hanging wall, and serves as a convenient and attractive surface for that area.

Although all of the materials for the table and the hanging wall are relatively inexpensive, they have been combined and

continued on page 110



Illustrations: Rick Vitullo

Architect Randy Brown sheathed one side of the hanging wall in stainless steel veneer, and lined the other side—which faces the conference/dining room—with wood shelves.

**Your
successful
future**

**starts
with a
flawless
plan.**



Use Code 52578AY

**BUILDER HOUSE PLANS.
TO BUILD BETTER HOMES.
TO BUILD A BETTER BUSINESS.**

You can't build a house without a plan. Because you need to be building homes, not designing them, BUILDER magazine has developed **BUILDER House Plans** – a library of more than 4,000 new home designs available for purchase online. With **BUILDER House Plans**, you can search by designer, style, size and cost.

BUILDER House Plans are:

- Flexible – customize and alter plans to suit your needs
- Popular – market-driven designs ensure you build the homes your customers want
- Proven – backed by BUILDER magazine, the number-one magazine in the housing industry

Visit **builderhouseplans.com** and concentrate on what you do best – building. It's a smart plan for your business.

**Builder
derhouseplans.com**



Crowning beautiful homes throughout the land

Superior Clay chimney tops are as functional as they are expressive of our ideas about the cheer and warmth of the fireside family circle.

The chimney is a prominent feature of your home, so by making it ornamental we add our own personal touch to the character of our home.

Superior Clay Corporation hand crafts over 40 styles of decorative chimney tops.

SUPERIOR CLAY CORPORATION
Superior Clay Products Built to Last

Phone: 740-922-4122

1-800-848-6166

<http://www.rumford.com>

P.O. BOX 352 UHRICHSVILLE, OHIO 44683

Circle no. 383

**Why let customers get wind
of the wrong ridge vents?**

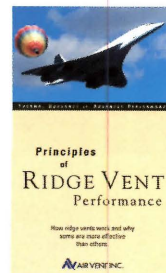


Use Air Vent for proven performance.

Some ridge vents can actually suck hot air, rain and snow into the attic—leading to heat and moisture damage—exactly the opposite of what they're supposed to do!

Not so with ShingleVent® II from Air Vent. It provides exceptional performance when it comes to airflow, heat reduction and weather protection. Don't take a chance with the ridge vent you use. Choose ShingleVent II from Air Vent, or your homeowners may be airing their complaints.

AIR VENT INC.
www.airvent.com



**Learn why some ridge vents are much more effective than others.
Call 1-800-AIR-VENT (247-8368) for your FREE video**

A Quality Brand of Certified Corporation

Circle no. 381

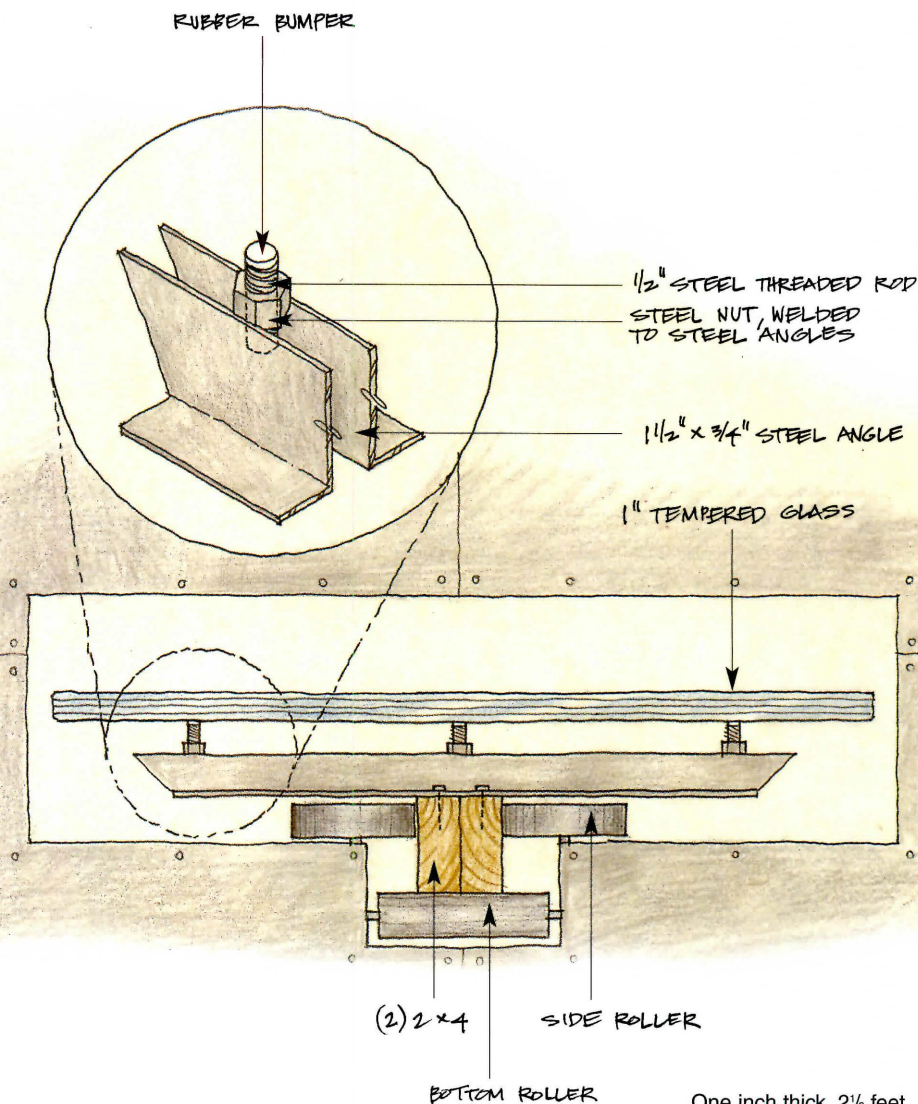
finished in an elegant way. The table top is a slab of 1-inch-thick tempered glass that rests on rubber bumpers attached to short threaded rods. The adjustable rods keep the large mass of glass level. The table frame consists of steel angles, steel plates, and 2x4s. While one end of the frame slides over fixed rubber rollers set into the wall's opening, the other end glides across the floor on rubber wheels attached to the table's one pair of legs. To prevent undue movement during raucous client conferences or festive dinners, the underside of the 2x4s supporting the table surface is grooved perpendicular to the roller, which locks the table in place. Brown had planned to add wheel locks to the lower rubber wheels, but so far they have not been needed.

The architect reports that in addition to all of its functional benefits, the table has proved to be a great show-off piece for clients, dinner guests, and dinner-guests-who-may-become-clients. **ra**

Rick Vitullo, AIA, is founder and principal of Vitullo Architecture Studio, Washington, D.C.

got an idea?

Share clever design and construction details with your peers. Submit sketches, construction drawings, and descriptions to: Hands On, *residential architect*, One Thomas Circle, N.W., Suite 600, Washington, D.C. 20005.



One inch thick, 2 1/2 feet wide, and 10 feet long, the tempered-glass top rests on rubber bumpers attached to threaded rods. Its sheer weight hinders movement. The rods move up and down through a nut welded to the steel angles, allowing the table surface to be leveled.

LEADERSHIP modeling CONFERENCE

Featuring The BIG 50 Awards

More than Just a Name

BRAND IT

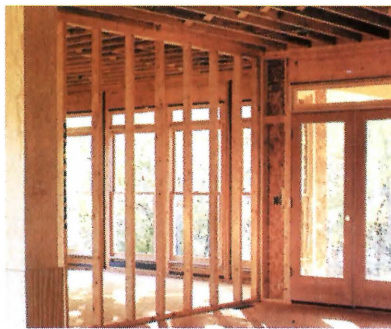
Questions/More
Information

800-774-2537
(DC/MD/VA
202-736-3360)

7 % of Wood Quality Problems are Moisture Related*



"Hardwood Problems"



"Softwood Problems"

Specifying KD Lumber is only the start...

Moisture content (MC) in all wood changes with its environment. MC must be controlled when purchasing and using softwood for framing and finishing, and when purchasing and installing hardwood cabinets, doors, trim and flooring. MC is the cause of most wood quality problems (and related customer complaints) in new construction. Prevent them before they occur by using and specifying Wagner moisture content measurement meters.

Model L606
\$285.00



- Rugged, easy to read and operate precision instrument. One year warranty.
- Operating instructions, species adjustment tables and Wagner customer satisfaction staff can answer all of your questions.
- Batteries, instrument case and complete instructions included.

Order toll free:
1-800-944-7078

Visa, MC, Amex Accepted!
Web: www.wagner.com

*Call for a free industry study:
Eliminating Wood Problems
By Prof. Eugene Wengert

WAGNER
ELECTRONICS

"The Moisture Meter People"

Circle no. 286

© 1999 Wagner Electronic Products, Inc.

WHAT KNOW ABOUT... THE STATE OF BUILDING PRODUCT DISTRIBUTION CHANNELS

Building products are the lifeblood of the residential construction industry and how they move from manufacturer through distribution to builders and remodelers impacts the profitability of every house built or remodeled.

In this groundbreaking research, PricewaterhouseCoopers conducted over 200 in-depth interviews with remodelers, home builders, dealers/retailers, distributors/wholesalers and manufacturers and convened two industry roundtables to document the changing trends in building products distribution.

It's one-of-a-kind research, sponsored by PROSALES, REMODELING and BUILDER magazine, the three key industry publications serving dealers/distributors, wholesalers, builders and remodelers.

What you'll get

- The eight major trends affecting the building product distribution channel
- The forces driving those trends
- Who will win and who will lose
- What conflict among the players in the channel means to you

Order Your Copy Now!

Call, mail or fax your order to:

Hanley-Wood, LLC
Reprint Department
One Thomas Circle, N.W.,
Suite 600
Washington, DC 20005

Fax: 202-785-1974
202-736-3446 weekdays
between 9 a.m. and 5 p.m. EST

☐ \$995 + \$3.75 shipping*

Total \$ _____

Please provide us with your name, address, telephone number, credit card number and expiration date.

* To order more than one copy, please contact us.

***i**nspiration **i**nformation **i**nsulation*

You work hard everyday to serve your clients' needs and run your business. You shouldn't have to work hard to get the information you need to succeed. BUILDER Online makes your job easier by delivering over 45,000 pages of home building content for home builders, residential architects and contractors.

BUILDER Online is your best source for product information, supplier links, design trends and business advice.

***i**ndispensable*

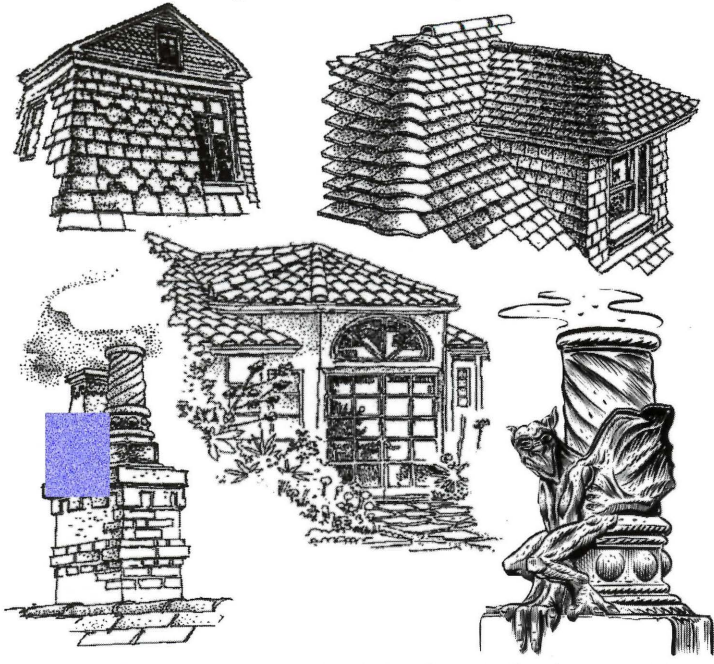
Builder
Online
builderonline.com




Hanley Wood, LLC

Part of
HBRNET.cc

Your One-Stop Roof Tile Shop, And More...



Quality Clay Roofing Tiles, Handcrafted Chimney Pots, and Accessories; Imported From Europe.

The Northern Roof Tile Sales Co. Inc.

(905) 627-4035 Fax (905) 627-9648

E-mail: nrts@wchat.on.ca www.northernrooftiles.com

Circle no. 310

**Distinctive
Garage Doors
for Distinctive
Homes.**

*Custom Designed,
Hand-Crafted &
Delivered Nationwide.*

*Overhead wood
doors with timeless
beauty and style.*



**DESIGNER
DOORS INC**

800.241.0525

www.designerdoorms.com

Atlanta ♦ Boston ♦ Chicago ♦ Minneapolis ♦ Philadelphia

Circle no. 74



OneSource
for
Embellished Hardwood
Mouldings

~ MON REALE™ ~
Sculptured Hardwood
Mouldings

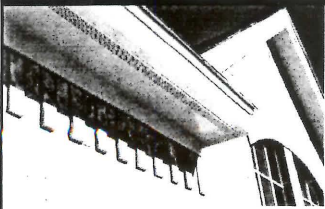
~ Authentic ~
HAND-CARVED
Woodcarvings

**Request Our Catalog
1-800-558-0119**

Curved Work Our Specialty
www.moulding.com

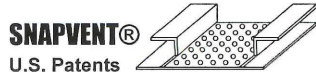
Circle no. 342

TAMLYN / FIBER CEMENT SYSTEM SOLUTIONS



LAPSTART™ STARTER STRIP

U.S. Patent #5,916,095
Lapstart™ Starter Strip sets the bottom course right while providing needed impact support.



U.S. Patents #5,799,446 #5,937,592

Snapvent®/Ezvent® PVC continuous soffit vents are the best looking, most framer-friendly vents available. Provide 9 sq.in./foot intake air flow needed to balance with exhaust vents and comply with International Building Code (50% intake / 50%exhaust) and shingle warranty requirements. Also vent garages to increase comfort and safety.

PERMACORNER® INSIDE CORNER

U.S. Patent #5,960,598
Resembles a wood corner piece without the maintenance headaches.



WEST USA
888-416-9676

EAST USA
800-334-1676

Visit our website at www.tamlyn.com

To Receive a free video and sample ring, please provide your street address.

Using Fiber Cement ?

Don't forget Tamlyn PVC Accessories, perfect complementary products that make your homes more appealing and reduce homeowner maintenance.

PANELSTART™ STARTER STRIP

U.S. Patent #5,916,095
Panelstart™ Starter Strip helps install vertical siding panels correctly to validate warranty.



U.S. Patents #5,881,502 #5,937,592

H MOLD/ PLANKSEAM™ LAP SIDING CLIP

H Mold covers seams of vents and lap siding, replaces caulk which often disappears within a year.



June 5-7, 2000 • The Arizona Biltmore • Phoenix, AZ

There can be no more talking about active adult development in the future tense: The future is now. Join us for what may be the single biggest marketing challenge of the new millennium.

Builder's Active Adult Workshop

Active Adult 2000
"Seize Your Future"

Produced by: **Builder**

Sponsored by: **CORIAN**



OLD POINT



VIEWED TO BE THE BEST.™

Contributions by:



For more information and to register
call 703-769-7863 or e-mail
marketingworkshop@hanley-wood.com

Circle no. 382



Every home is a castle
with Reward Walls®!



Insulating Concrete Forms

1-800-468-6344
www.rewardwalls.com



Whether you're
building a castle
or a two-bedroom
bungalow, you'll
love the Quality
Advantage of
Reward insulating
concrete forms.

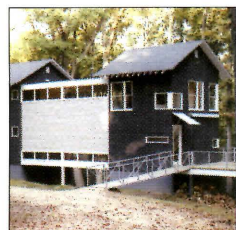
Call today and order your
complete catalog of top
24 home plans.

Circle no. 341

Sources

manufacturer information for products
used in RADA 2000's winning projects.

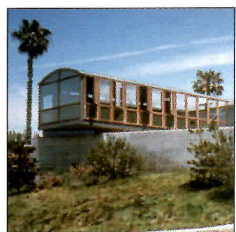
page 46—Withers Residence



bathroom plumbing fittings and fixtures: Kohler; **countertops:** Formica; **dishwasher:** KitchenAid; **entry doors, patio doors, and windows:** Andersen; **exterior**

siding and roofing: CertainTeed asphalt shingles; **fireplace or wood stove:** Rais; **flooring (ceramic tile):** American Olean; **flooring (wood):** maple; **hardware:** Kwikset; **HVAC equipment:** Sanyo; **insulation:** Owens Corning; **kitchen cabinets:** Ikea; **kitchen plumbing fittings:** Elkay; **kitchen plumbing fixtures:** Moen; **lighting fixtures:** Progress; **paints/stains:** Benjamin Moore; **range:** Amana; **refrigerator:** Sub-Zero

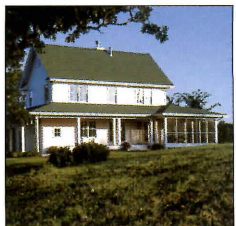
page 50—Sharon's California House II



bathroom plumbing fittings and fixtures: Kohler, Franke; **bathroom and kitchen cabinets:** custom; **countertops:** granite; **dishwasher:** Merlo; **entry doors, patio**

doors, and windows: Duratherm; **flooring (wood):** mahogany; **garage doors:** Roll-Up Metal; **kitchen plumbing fittings and fixtures:** Franke; **oven:** Thermador; **paints/stains:** Benjamin Moore; **refrigerator:** Sub-Zero; **structural lumber:** Douglas fir and mahogany beams

page 52—Marek House



countertops: maple
butcher block; **flooring (wood):** maple

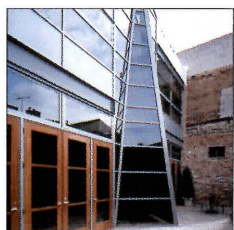
page 54—Ranch Shelter



bathroom and kitchen plumbing fittings: Delta; **bathroom plumbing fixtures:** Kohler; **bathroom and kitchen cabinets and countertops:** custom;

brick/masonry products: Featherlite; **fireplace or wood stove:** custom; **hardware:** Weiser; **insulation:** GAF; **kitchen plumbing fixtures:** Elkay; **lighting fixtures:** Hubbell; **oven:** Dacor; **paints/stains:** Kelly Moore; **windows:** Marvin

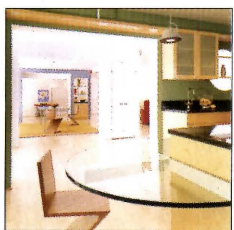
page 56—Urban Residence



bathroom plumbing fittings: Kohler, Grohe; **bathroom plumbing fixtures:** Kohler; **bathroom and kitchen cabinets:** custom; **countertops:** Corian, granite;

dishwasher: Frigidaire; **entry doors:** solid bubinga; **freezer and refrigerator:** Sub-Zero; **hardware:** Corbin; **HVAC equipment:** Carrier; **interior doors:** cherry; **kitchen plumbing fixtures:** Kohler; **oven:** Dacor; **structural lumber:** TJI; **windows:** Sherwood

page 58—Hanson Sciannella Residence

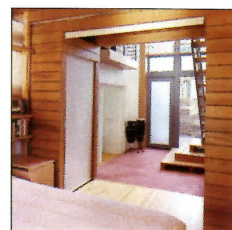


bathroom plumbing fittings: Grohe; **bathroom plumbing fixtures:** Kohler; **bathroom and kitchen cabinets:** custom; **countertops:** granite, limestone; **entry**

doors, patio doors, and windows: Weather Shield; **fireplace or wood stove:** Majestic; **flooring (ceramic tile):** limestone; **flooring (wood):** maple; **hardware:** Stanley, Schlage; **insulation:** Owens Corning;

interior paneling: maple; **kitchen plumbing fittings:** Chicago; **kitchen plumbing fixtures:** Kohler; **lighting fixtures:** Lightolier, Flos, Artimede; **paints/stains:** Benjamin Moore; **range:** Thermador; **roofing:** CertainTeed

page 60—Weiner Residence



entry doors and windows: Weather Shield; **flooring (vinyl):** Pirelli; **flooring (wood):** pine; **lighting fixtures:** Lightolier; **paints/stains:**

Benjamin Moore; **structural lumber:** fir; **trim work:** fir, maple

page 62—Private Residence



bathroom plumbing fittings: Harden Industries, Hansgrohe, Delta; **bathroom plumbing fixtures:** Kohler, American Standard, Toto; **countertops:** granite; **dish-**

washer: Asko; **exterior siding:** MAIBEC; **flooring (ceramic tile):** American Olean, slate; **garbage disposer:** In-Sink-Erator; **hardware:** Baldwin; **HVAC equipment:** Burnham; **insulation:** Knauf, Celotex; **interior doors:** Morgan; **kitchen cabinets:** custom; **kitchen plumbing fixtures:** Elkay; **lighting fixtures:** Louis Poulsen, Brass Light, NE Lantern; **oven:** Thermador; **paints/stains:** Benjamin Moore, Cabot; **patio doors and windows:** Marvin; **refrigerator:** Amana; **roofing:** Bird; **skylights:** Velux; **structural lumber:** Trus Joist MacMillan; **trim work:** custom

Sources

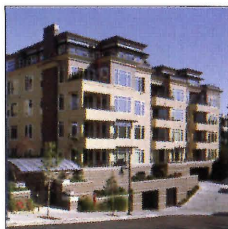
page 64—South Side Housing



brick/masonry products: Darlington Brick; **countertops:** Formica; **dishwasher, oven, and refrigerator:** Whirlpool; **exterior siding:** McElroy Metal Siding; **flooring**

(ceramic tile): Molyneux Tile; **flooring (wood):** Bruce; **kitchen cabinets and trim work:** CE Cabinets; **kitchen plumbing fittings and fixtures:** American Standard; **lighting fixtures:** Prescolite, Liberty Lighting; **roofing:** Owens Corning fiberglass shingles; **windows:** TRACO

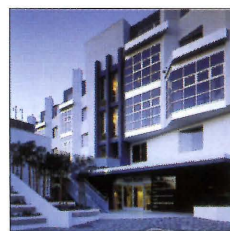
page 66—Brezza Condominiums



bathroom and kitchen plumbing fittings: Delta, Grohe; **bathroom and kitchen plumbing fixtures:** Kohler; **bathroom and kitchen cabinets:**

Huntwood Industries; **brick/masonry products:** Mutual Materials; **countertops and flooring (ceramic tile):** Mannington; **dishwasher, oven, and refrigerator:** GE Appliances; **entry doors:** Celco Doors; **exterior siding:** Dryvit; **fireplace or wood stove:** Fireplace Manufacturers; **flooring (wood):** Kahrs; **garbage disposer:** Whirlaway; **HVAC equipment:** Trane; **insulation:** Dow, Owens Corning; **interior doors:** Premdor; **lighting fixtures:** Lightolier, Halo; **paints/stains:** Sherwin Williams; **patio doors and windows:** Milgard; **roofing:** US Intec; **sheathing:** US Gypsum; **skylights:** Milgard, Crystalie; **structural lumber:** Trus Joist MacMillan

page 68—Museum Heights Condominiums



bathroom plumbing fixtures: Kohler, Delta, Lasco; **bathroom and kitchen cabinets:** Euro Design; **brick/masonry products:** Angel Block; **dishwasher,**

oven, and refrigerator: GE Appliances; **flooring (ceramic tile):** Daltile; **garage doors:** GI Metal Design; **garbage disposer:** In-Sink-Erator; **hardware:** Schlage; **HVAC equipment:** Carrier; **insulation:** Owens Corning; **kitchen plumbing fixtures:** Kohler, Delta; **paints/stains:** Dunn Edwards; **patio doors and windows:** ABC, Arcadia; **roofing:** GAF; **security system:** Panasonic

**BUILD A SLEEK AND STYLISH KITCHEN
WITHOUT MAKING A SOUND.**



page 70—The Gate



bathroom plumbing fittings: Delta; **bathroom plumbing fixtures:** American Standard; **bathroom and kitchen cabinets:** Merit; **brick/masonry products:** Cloud

Ceramic; countertops: Corian; **dishwasher, oven, and refrigerator:** GE Appliances; **elevator:** Dover; **entry doors:** Weyerhaeuser; **flooring (ceramic tile):** American Olean, slate; **flooring (vinyl):** Kentile; **hardware:** Schlage; **HVAC equipment:** Lennox, Sanyo; **insulation:** Celotex; **kitchen plumbing fittings and fixtures:** Dayton; **lighting fixtures:** Thomas; **paints/stains:** Benjamin Moore; **patio doors:** Kawneer; **roofing:** Firestone; **security system:** ADT; **sheathing:** USG; **skylights:** Bristolite; **structural lumber:** Trus Joist MacMillan

page 72—Villa Flores



bathroom and kitchen plumbing fittings: Symmons, Broan; **bathroom plumbing fixtures:** Mansfield; **bathroom cabinets:** Basco; **brick/masonry prod-**

ucts: ORCO Block Co.; **countertops:** Formica; **elevator:** Thyssen, US Elevator; **entry doors:** Pacific Steel; **exterior siding:** Senergy stucco system; **flooring (ceramic tile):** American Olean, Custom Building Products; **flooring (vinyl):** Armstrong; **freezer and range:** Hobart commercial; **garage doors:** Windsor Door; **garbage disposer:** In-Sink-Erator; **hardware:** Schlage, Pemko; **HVAC equipment:** Carrier, Mammoth Manufacturing; **kitchen plumbing fixtures:** Kingsford; **lighting fixtures:** Progress Lighting, Lithonia; **oven:** Whirlpool, GE Appliances; **paints/stains:** Frazee; **patio doors and windows:** CV Aluminum, Fleetwood; **refrigerator:** Roper, Hot Point; **roofing:** GS Roofing Products, Manville; **security system:** Cerberus Pyrotronics; **skylights:** Glasteel

page 74—Urban Residence



bathroom and kitchen plumbing fittings and kitchen fixtures: Kohler; **bathroom plumbing fixtures:** American Standard; **countertops:** concrete; **dish-**

washer and refrigerator: GE Appliances; **entry doors, patio doors, and windows:** Pella; **exterior siding:** James Hardie; **flooring (wood):** oak; **hardware:** Hafele America; **HVAC equipment:** Carrier; **insulation:** Dow; **lighting fixtures:** Contech; **paints/stains:** Benjamin Moore; **roofing:** McElroy; **sheathing:** OSB; **solar energy system:** GE Appliances; **structural lumber:** MNP



Introducing the new Dishwasher Series from KitchenAid.

Totally redesigned, it's flexible enough to accommodate everything from delicate stemware to large cookware. The innovative wash system is quiet yet powerful. With door panels that can be easily customized and new split controls, this dishwasher is an efficient and beautiful way to leave a lasting impression. To learn more about the Dishwasher Series, and to view the entire KitchenAid® line, visit www.insideadvantage.net, or call 1.800.422.1230.



Circle no. 379

FOR THE WAY IT'S MADE.®

Sources

page 76—West Boulevard



bathroom plumbing fixtures: Mansfield; **bathroom plumbing fittings:** Price Pfister; **countertops:** Formica; **exterior siding:** Highland Stucco; **flooring (ceramic tile):** Daltile; **flooring (vinyl):** Armstrong; **kitchen plumbing fittings:** Kohler; **kitchen plumbing fixtures:** Elkay; **lighting fixtures:** Progress Lighting; **oven/range:** GE Appliances; **refrigerator:** Frigidaire; **skylights/roof windows:** Bristolite; **windows:** International Window Corp.

page 78—Midway School Apartments



bathroom and kitchen plumbing fittings: Delta; **bathroom plumbing fixtures:** Mansfield; **bathroom and kitchen cabinets:** Tru Wood; **countertops:** American Bluegrass Marble; **entry doors:** oak; **flooring (vinyl):** Armstrong; **garbage disposer:** In-Sink-Erator; **hardware:** Schlage; **HVAC equipment:** Janitrol; **insulation:** Owens Corning; **interior doors:** Mohawk; **lighting fixtures:** Lithonia, Progress Lighting; **roofing:** Firestone; **skylights and windows:** custom; **structural lumber:** pine

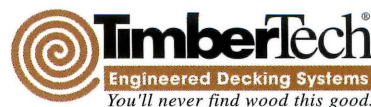
page 80—Blueprint 2000



bathroom and kitchen plumbing fixtures and fittings: Kohler; **bathroom and kitchen cabinets:** KraftMaid Cabinetry; **brick/masonry products:** Cultured Stone; **dishwasher and oven:** Frigidaire; **entry doors, patio doors, skylights, and windows:** Andersen; **exterior siding:** James Hardie; **fireplace or wood stove:** Heat-N-Glo; **flooring (ceramic tile):** Daltile; **flooring (wood):** Pergo; **garage doors:** Designer Doors; **HVAC equipment:** Bryant Heating & Cooling Systems; **insulation:** CertainTeed; **interior doors:** Andersen, Masonite; **interior paneling:** Southern Forest Products; **lighting fixtures:** George Kovacs Lighting, Lightolier; **paints/stains:** Benjamin Moore, Ralph Lauren; **refrigerator:** Marvel Industries; **roofing:** Custom-Bilt Metals weathered copper; **structural lumber:** Boise Cascade

Now When It Comes To Building Your Decking Sales, We've Got A Great System.

The composite decking market is growing like crazy. And no decking within it is growing as fast as TimberTech®. Among the reasons — superior technology and exceptional dealer support. And now we're giving you even more to sell with a complete TimberTech decking system including railing, fascia board, and a choice of tongue-and-groove planks for a fastener-free surface, traditional 2x6 planks, or our TimberTopper™ deck covers for resurfacing weathered wood decks. Call 1-800-307-7780 or visit our web site at www.TimberTech.com for more information. Unless you want your competition to get all those sales.



Circle no. 208



Tongue-and-Groove Planks



2x6 Planks



TimberTopper™ Deck Covers



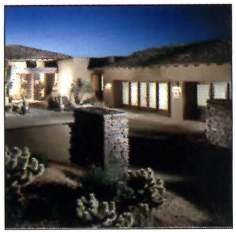
Railing



Fascia



page 82—Desert Hills at Desert Mountain



bathroom plumbing fixtures and fittings: Moen; **bathroom cabinets, garage doors, interior paneling, and lighting fixtures:** custom; **countertops and flooring (ceramic tile):** AZ Tile; **dishwasher:** GE Appliances; **garbage disposer:** In-Sink-Erator; **HVAC equipment:** Carrier; **insulation:** Owens Corning; **kitchen cabinets and plumbing fixtures:** Kohler; **oven:** KitchenAid; **paints/stains:** Dunn Edwards; **refrigerator:** Sub-Zero; **roofing:** Mission Barrel Tiles; **security system:** Honeywell; **skylights and windows:** Western Insulated Glass

page 84—Provence at Anthem, Plan 2



bathroom and kitchen plumbing fittings: Moen; **bathroom and kitchen cabinets:** McConnell; **brick/masonry products:** Eldorado Stone; **countertops:** Daltile, Wilsonart; **dishwasher, range, and refrigerator:** GE Appliances; **entry doors:** Therma-Tru; **flooring:** custom; **garage doors:** Clopay; **garbage disposer:** In-Sink-Erator; **hardware:** Westlock; **HVAC equipment:** Carrier; **insulation:** Dow; **lighting fixtures:** Thomas; **paints/stains:** Frazee; **patio doors, skylights, and windows:** Milgard; **roofing:** Monier

page 86—Charleston II



bathroom and kitchen plumbing fixtures and fittings: Delta; **bathroom and kitchen cabinets:** Timberlake; **countertops:** Formica; **dishwasher, garbage disposer, oven, and refrigerator:** GE Appliances; **entry doors, interior doors, trim work, and windows:** Barber & Ross; **exterior siding:** cement board; **flooring (ceramic tile):** Florida Pro Select; **flooring (vinyl):** Mannington; **garage doors:** Clopay; **HVAC equipment:** Janitrol; **lighting fixtures:** Seagull; **paints/stains:** Duron; **roofing:** cedar shake shingles; **sheathing:** Celotex



Your successful future



starts with a flawless plan.

BUILDER HOUSE PLANS. TO BUILD BETTER HOMES. TO BUILD A BETTER BUSINESS.

You can't build a house without a plan. Developing it can be expensive and time consuming – and that's not part of the plan for your business to grow. Because you need to be building homes, not designing them, BUILDER magazine has developed **BUILDER House Plans** – a library of more than 4,000 new home designs available for purchase online. With **BUILDER House Plans**, you can search by designer, style, size and cost.

BUILDER House Plans are:

- Flexible – customize and alter plans to suit your needs
- Popular – market-driven designs ensure you build the homes your customers want
- Proven – backed by BUILDER magazine, the number-one magazine in the housing industry

In today's competitive home building market, every advantage counts. Visit **builderhouseplans.com** and concentrate on what you do best – building. It's a smart plan for your business.

Builder

builderhouseplans.com



Use Code A9051JP

TO AN ARCHITECT, IT'S REQUIRED READING.

Slate PERFECT BY NATURE



An Architect's
Guide to working
with Slate

NCS North Country Slate

Natural North Country slate roofing. Durable, timeless, from the finest quarries in the world. But getting it is only one part of the equation. The application, the design, the installation are also critical.

At North Country Slate, we wrote the book on what to consider when you're considering slate. Including the opportunities and the potential pitfalls. It will help ensure that the builder and the owner appreciate at the end of the day, what you conceived in the beginning.

Call for our free Guide today.

It's just one of the ways we're helping to bring your vision to life.



North Country Slate®

Tel: (416)724-4666; Toll-Free: 1-800-975-2835; www.ncslate.com

Circle no. 295

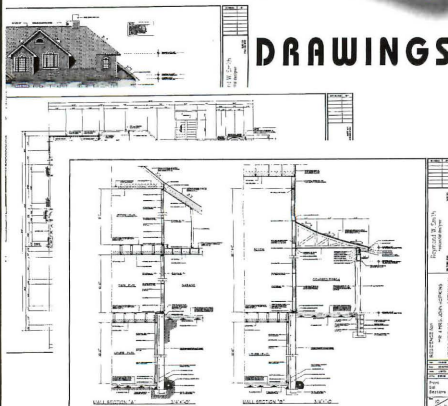


DRAW on the POWER of your PC



WORKING

DRAWINGS



material list &

Material List & Cost Estimate

Material	Description	Qty	Units	Cost	Material	Cost
INSULATION						
9-1/2" Wall Insulation	1851	sqft	6.70	18.00	5.00	706.15
Vapor Barrier (Wall)	2380	sqft	0.05	18.00	5.00	247.80
Air Membrane	2380	sqft	0.12	10.00	1.00	452.47
Subtotal						1396.41
EXTERIOR FINISH						
Brick	81	sqft	2.70	15.00	10.00	709.61
Siding	1237	sqft	1.80	15.00	10.00	2377.00
Cable Siding	1876	sqft	1.00	15.00	10.00	2400.00
Brick Header	1	each	14.50	10.00	2.00	16.50
Brick Trim	1	each	12.70	10.00	1.00	16.00
Brick	1	each	2.00	15.00	10.00	21.50
Brick Moulding	19	each	0.25	12.00	10.00	7.50
Siding Membrane	287	sqft	0.16	18.00	5.00	46.75
Siding J Moulding	235	sqft	0.16	18.00	5.00	29.17
Siding Trim	92	sqft	0.16	18.00	5.00	29.16
Outside Siding Corner	16	sqft	1.00	18.00	5.00	64.00
Inside Siding Corner	42	sqft	1.00	18.00	5.00	63.75
Glass Trim	80	sqft	1.30	15.00	10.00	188.40
Window Trim	257	sqft	1.20	12.00	10.00	361.16
Stucco	328	sqft	0.40	10.00	5.00	178.75
Subtotal						7228.16
TOTAL PROJECT COST						\$8624.57

cost estimate

SOFTPLAN

ARCHITECTURAL DESIGN SOFTWARE

call 800.248.0164 or
visit www.softplan.com for a
FREE DEMONSTRATION PACKAGE

Circle no. 79

3D modeling



put a little **HOUSE** in your house



Hanley-Wood's Custom Reprints

You've worked hard to be the best in your business and we've noticed. Your feature story in our magazine is a ready-made marketing tool just waiting to work for you.

Spread the word about your success and enhance your company's image by providing customers with information they can take home.

Here are a few of the ways that companies are using custom reprints to do their advertising for them:

- Handouts at trade shows, meetings, and events
- Direct mail to customers and prospects
- Sales aids for your field forces
- Press releases and media packages
- Promotional pieces for dealers
- Training aids to educate and motivate your people
- Office display

Personalize the feature story about your company. Make it as unique and innovative as you are. Customization options include:

- Adding your company name and corporate logo
- Adding a banner
- Including a letter from your CEO
- Including an advertisement

We've put you in the spotlight, now make the most of it. For more information on custom reprints call (877) 734-6650.



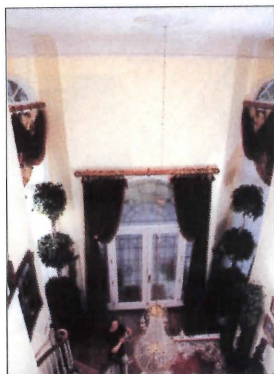
Hanley-Wood, LLC

hanley-wood.com

One Thomas Circle, NW, Suite 600, Washington, DC 20005
202.452.0800



architect's showcase



"The Original Light Lift System"

The Aladdin Light Lift

The ALADDIN LIGHT LIFT is an easily installed motorized lift system that automatically lowers your chandelier for easy cleaning or bulb changing....with just the turn of a key. Models are available to lift up to 700 pound chandeliers and 65 foot ceiling heights. Options are available for vaulted ceilings or areas with no direct access above the fixture. It is the simple solution for every hard-to-reach chandelier.

Memphis, TN 901-385-0456

Circle No. 401



Natural Cedar Lumber Fine quality finish lumber products inc. sidings, decksings, T&G interior panelings or trim. Also timbers, beams, shake and shingle products. Specializing in red or yellow cedar, redwood, Douglas fir and hardwood floorings. Eco-friendly products and custom milling available. Jobsite delivery worldwide.

Bear Creek Lumber

Website: www.bearcreeklumber.com or call (800) 597-7191 for pricing

Circle No. 402

CHADSWORTH'S 1.800.COLUMNS®

www.columns.com

Voted No. 1 Preferred Brand in U.S.

WOOD
POLYSTONE™
FIBERGLASS

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

IDEA BOOK \$20 soft cover,
\$30 hard cover. Includes Columns
Product Portfolio.
Columns Product Portfolio \$5.
FREE FLIER.

1.800.486.2118

Historic Wilmington, NC

Telefax 910.763.3191

Atlanta • London

Circle No. 404

Columns and Balustrades

- Fiberglass Columns
- Marble/Resin Columns
- Wood Columns
- Synthetic Stone Balustrades & Columns
- Cast Stone Balustrades, Columns & Architectural Details
- Polyurethane Balustrades & Moldings

Details make the Difference

Call 800.963.3060

Fax 770.962.6988

www.meltonclassics.com



Melton Classics
Incorporated

fine architectural millwork products

Circle No. 403

architect's showcase



WALNUT, CHERRY, MAHOGANY, OAK
MANTELS, MOLDINGS &
CARVINGS

Browse our FULL CATALOG on the web
www.apaneling.com

ARCHITECTURAL PANELING, INC. 979 Third Avenue,
New York, NY 10022 (212) 371-9632
Fax: (212) 759-0276
60 page print catalog available \$10.00



Circle No. 405



**ANNOUNCING THE
STONECAD™ CD-ROM
FROM CULTURED STONE®**

Complete information resource on one CD-ROM—everything you need to select, visualize and specify Cultured Stone® products. It contains views of all textures and colors, a photo gallery of design ideas, hatch patterns, tileable textures, installation information, specification formats and a Cultured Stone® Web site link. (800)-644-4487

Offer limited to building professionals.
Please state your profession.

Circle No. 406




EverNew

Easy Care
Outdoor Living

beautifully crafted
for a lifetime of
low-maintenance
enjoyment

To locate the dealer nearest
you, call 800-233-8990,
or visit www.certain

CertainFeed
OUTDOOR LIVING PRODUCTS

fence deck railing shade garden

Circle No. 407

Glenn M. Johnson, I.C., IALD
residential lighting designer

*Setting the National
Standard in Residential
Lighting Design and Control*

*Spectrum sets the national standard for
interior and exterior residential lighting
& control design.*

Spectrum

LIGHTING DESIGN

800-678-7077 e-mail glennj@spdesign.com

www.spdesign.com/resident.html

Circle No. 408

architect's showcase



Framing is E-Z

Framing a house is "E-Z" with Willamette Industries' E-Z Frame® System, high-quality engineered wood products with guaranteed consistent performance and availability at competitive prices. The system includes StrucLam® LVL, StrucJoist® I-Joists, Willamette Classic/Premier/Premier Plus Glulams™ and E-Z Rim® Board. Call 1-800-887-0748 ext 400 for more information and a FREE Consumer Guide to Engineered Wood to share with homebuyers.

Willamette Industries, Inc.

Circle No. 409

Your Feature In

residential architect

The **Ultimate Opportunity**

Your company is featured in **residential architect**. Share this honor with your clients and associates through professional custom reprints—marketing materials that are as unique as your designs.

- Include with marketing materials, proposals, and plans
- Display in your office
- Distribute at trade shows and events
- Create a direct mail piece
- Reinforce your professional standing with clients

To order reprints of your company's feature from this issue call

Kerrie Harrison (202) 736-3446

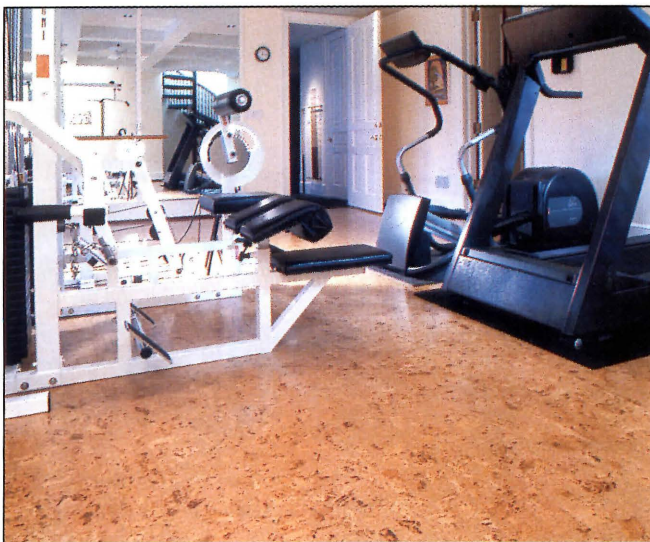
Minimum order 500 reprints

DIRECT TO BUILDERS



Silent Salesperson

Welcome your customers graciously with our Symphony custom staircases executed in domestic or imported hardwoods. Full palette of custom touches available including handcarving and iron balustrades. Services include CADD design drawings, pre-fit handrail & job-site delivery. www.mrstair.com • (800) 236-1736 Staircase & Millwork • **Circle No. 410**



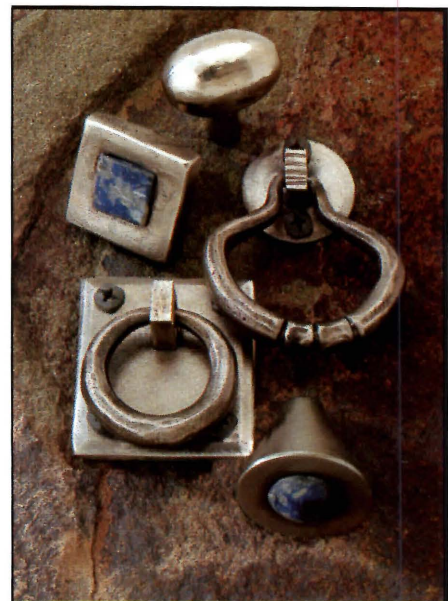
(800) 404-CORK

www.naturalcork.com

Natural Cork

Environmentally correct Cork floors are sophisticated, elegant and very durable. Cork, a natural insulator combines thermal and acoustical properties. Hypoallergenic, it is the perfect choice for people with special needs and no other flooring surface is kinder to the legs and back. Natural Cork Parquet Tiles and Floating Floors are available in eight attractive patterns.

Circle No. 411



FORGED IRON

Exclusively by ACORN
P.O. Box 31
Mansfield, MA 02048
800-835-0121
www.acornmfg.com
Circle No. 412



architect's showcase

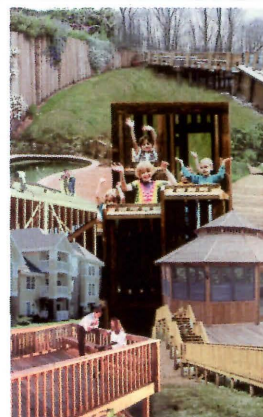
Custom Columns by Outwater



ARCHITECTURAL PRODUCTS BY OUTWATER offers a variety of options for Custom Column requirements including splitting, splitting and splining, height and fluting adjustments, priming and asphaltting for exterior applications, customized made to order heights and diameters, stain grade woods in most species and specially designed and manufactured architecturally correct columns. No minimum purchases! No hidden fees! *Free* catalog. • **Circle No. 413**

ARCHITECTURAL PRODUCTS BY OUTWATER
Call 1-800-835-4400 • Fax 1-800-835-4403

Web Site: www.outwater.com



Preserve Treated Wood

For more than a decade, arsenic- and chromium-free Preserve® treated wood has been used in some of the world's most environmentally sensitive locations. From the pristine environments of national parks in North America, Australia, Europe and Japan, to neighborhood playgrounds and backyards like yours, Preserve treated wood has been used around the globe to provide a durable building product for outdoor projects where environmental values and product safety are a priority. Chemical Specialties, Inc.

200 East Woodlawn Rd., Ste. 250
Charlotte, NC 28217
www.treatedwood.com
productinfo@chemspec.com
Tel: 800-421-8661 • Fax: 704-527-8232 **Circle No. 414**

StairWorld Inc.
Curved Stair Systems

2000

YOUR DIRECT SOURCE
1-800-387-7711

Free Catalogue

- COLUMNS
- CURVED STAIRCASES
- EXTERIOR RAILINGS
- ORNAMENTAL RAIL
- SPIRAL STAIRCASES
- STAIR PARTS
- RAILING COMPONENTS

www.stair-
click in your order/online

Circle No. 415



Boen

It's amazing the difference a Boen Hardwood floor can make in almost any room. It can be installed in a day. That's the Boen difference. For more information write:

BOEN HARDWOOD FLOORING
350 HOLLIE DRIVE
BOWLES INDUSTRIAL PARK
MARTINSVILLE, VA 24112
www.boen.com • **Circle No. 416**

architect's showcase



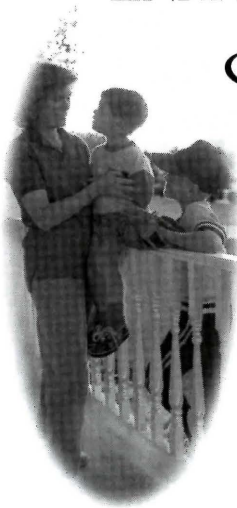
VENTILATE ALL BATHS WITH ONE QUIET FAN. ALDES' MPV fan is designed for multiple and extensive duct runs. Remote mounting of fan assures almost silent operation. Up to 6 exhaust points at 50 cfm each. Equipped with a continuous duty motor, the MPV may be used also to provide IAQ Ventilation. SuperQuiet, Powerful & Versatile. 3 year Warranty. Cost Effective.

American ALDES Ventilation Corp. 4537 Northgate Court, Sarasota, Fl. 34234.

Call 1-800-255-7749
www.americanaldes.com

Circle No. 417

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.
- Traditional Styling without the Problems of Wood.
- Designed to Excel.
- Easy Installment.
- Unaffected by Extreme Temperatures.
- 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/
Circle No. 418



Beginning the Passage

- *Custom Stile & Rail Passage Doors
- *Translucent SHOJI design
- *Any custom grid design
- *Unsurpassed joinery
- *Glass facing sandwiching natural paper
- *Handcrafted in the USA
- *Also available from Cherry Tree Design:
Shoji Cabinet & Bypass/sliding doors



CherryTreeDesign

1-800-634-3268
www.cherrytreedesign.com

Circle No. 419



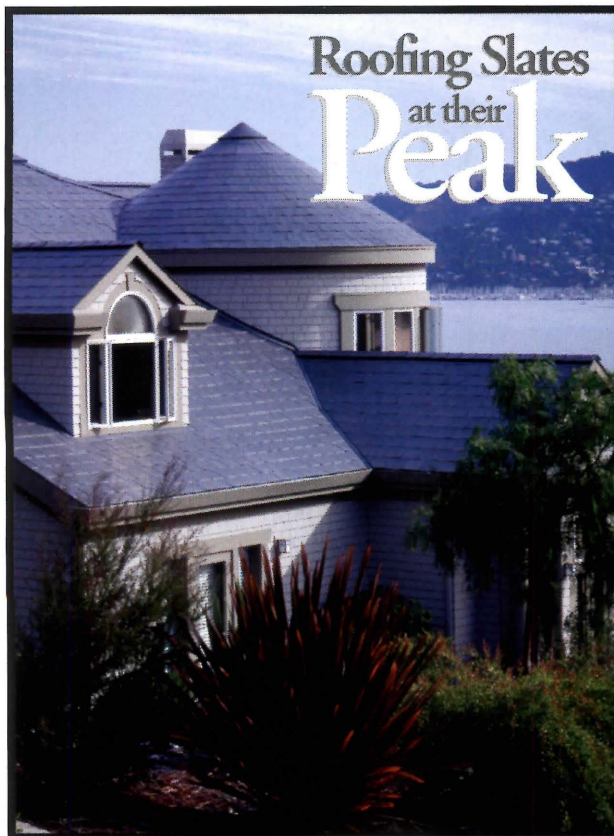
ScapeWEL® Window Wells by Bilco

Bilco's ScapeWEL® window wells create desirable new living space by adding beauty and natural daylight to basement areas. The unique terraced design satisfies emergency egress code requirements and can be landscaped to further enhance its beauty. Constructed of high density polyethylene and reinforced with a structural foam core, ScapeWEL® requires no finishing and simply snaps together for easy installation. An optional all-weather cover of unbreakable, clear polycarbonate is available.

For further information, contact Bilco at 1-203-934-6363 www.bilco.com.

Circle No. 420

architect's showcase



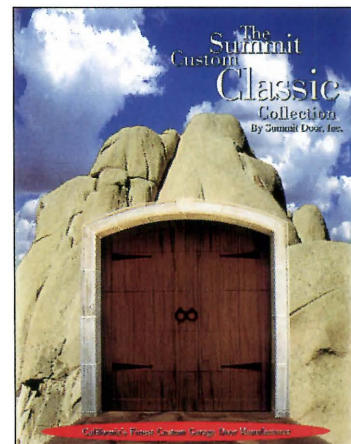
Architects and designers drawn to the elegance of natural slate roofing have an affordable, attractive alternative with Eternit.

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.



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. 421

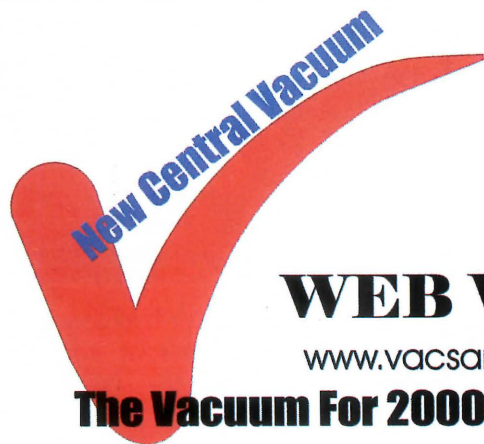


Summit Door, Inc.

Custom wood sectional garage doors. Unlimited variety of wood species and design possibilities. Create your own design or choose one of ours. Available through our dealer network or direct to the builder. Call our office or fax us your blueprint. Toll free (888)SMT-DOOR. Fax (909)272-6367.

Visit us at www.summit-door.com.

Circle No. 422



WEB VIDEO

www.vacsamerica.com

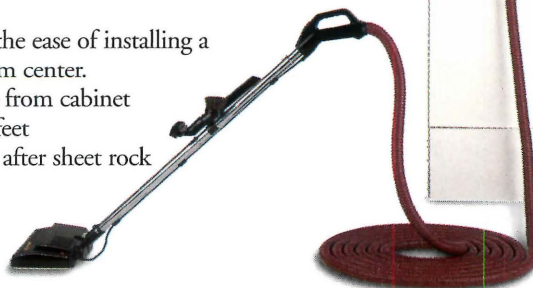
The Vacuum For 2000 and Beyond

Our Web site video shows the ease of installing a "Cubby Vac" central vacuum center.

- Hose extends and retracts from cabinet
- Hose system reach of 48 feet
- Installs in 16" stud cavity after sheet rock

"Cubby Vac"

Vacs America, Inc..
800-266-1526
Email: vacs@vacsamerica.com
Circle No. 423



We developed the system Made in the USA

Stronger Stencils – Stronger Color – Better Service

20 Stencil Patterns used with color hardener on new concrete or resurfacing systems on existing concrete – 25 Color Hardeners – 6 Release Agent Colors – Texture Rollers – 8 Interchangeable Texture Sleeves – Will custom manufacture to your specifications
Call for a distributor near you.

Quotes & Information, Contact
ARTCRETE, INC.

5812 Hwy. 494, Natchitoches, LA 71457 • Tel: 318/379-2000 • Fax: 318/379-1000
www.artcrete.com • Member ASCC/DCC
Circle No. 424

architect's showcase

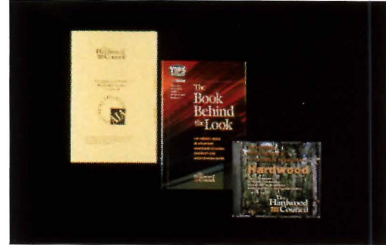


Southern Pine Lumber Library

The latest editions of three publications offer Southern Pine design values, grade descriptions, span tables, size selection and allowable load tables, plus much more. Definitive references for the specifier of wood products in both residential and light commercial structures.

www.southernpine.com

Circle No. 435



North American Hardwoods

The Hardwood Council provides free technical information to specifiers of North American hardwood flooring, mouldings, millwork and cabinetry through "*Tips and Techniques*," a series of ten brochures available in print, on-line or on CD-ROM. A self-study test based on *Tips #10: The Book Behind the Look*, is available to help architects earn AIA/CES credits.

For more information, contact the Hardwood Council: 412-281-4980 or www.hardwoodcouncil.com.

Circle No. 436



Grill Works, Inc.

Grill Works allows you to design the register/grill of your choice. You can choose from four different louver configurations (from our patented design to the traditional eggcrate design); six different models (to fit your specific application) in your favorite species of wood. In addition, you can also select from large inventory of stock items.

1-800-347-4745
www.grillworksinc.com

Circle No. 437



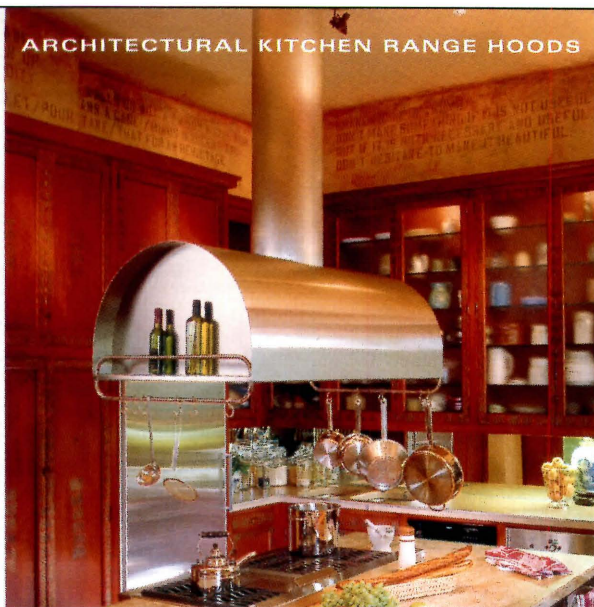
YORK SPIRAL STAIRS

We are proud to introduce you to our line of York Spiral Stairs. We believe our stairs are the finest products on the market today. Our unequalled experience in design and construction has created a stair system which is beautiful today and engineered to be durable for years to come.

Call (800) 996-5558.
www.durathrmwindow.com

Circle No. 438

architect's showcase



ARCHITECTURAL KITCHEN RANGE HOODS

Let us build a masterwork for you
www.abbaka.com

ABBAKA

PHONE 800-548-3932 • FAX 800-548-3930

Completely seamless creations in copper, brass and stainless.
8 exclusive designs or completely custom from your original concept.

Circle No. 441

PRESTIGE SERIES™



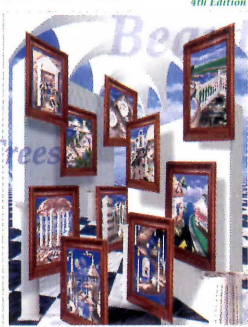
Vent-Free Gas Fireplace Products for Finer Homes

- Deluxe vent-free log sets with massive logs & dual burner with dual control
- Multi-sided vent-free logs
- Deluxe vent-free fireplace with high opening & herringbone refractory

TEMCO
FIREPLACE PRODUCTS

Circle No. 442

in't Grow On Trees.



Beautiful Millwork Doesn't Grow On Trees.

fypon
molded millwork

Fypon, Ltd.

The largest selection of Molded Millwork in the industry is displayed in Fypon's 4th Edition catalog. A color-coded index and style guide symbols make a quick reference simple. Includes balustrade and entrance systems, columns, moldings, window/door trim and more.

Fypon, Ltd. • P.O. Box 365
Stewartstown, PA 17363-0365
1-888-477-3388 • www.fypon.com

Circle No. 439

Mailboxes

Residential and Commercial

mailboxes.com
1-800-SALSBURY

Contact us for a
FREE CATALOG!

- 1-800-SALSBURY
- www.mailboxes.com
- info@salsbury.com

SALSBURY
INDUSTRIES

People Committed to Quality Since 1936

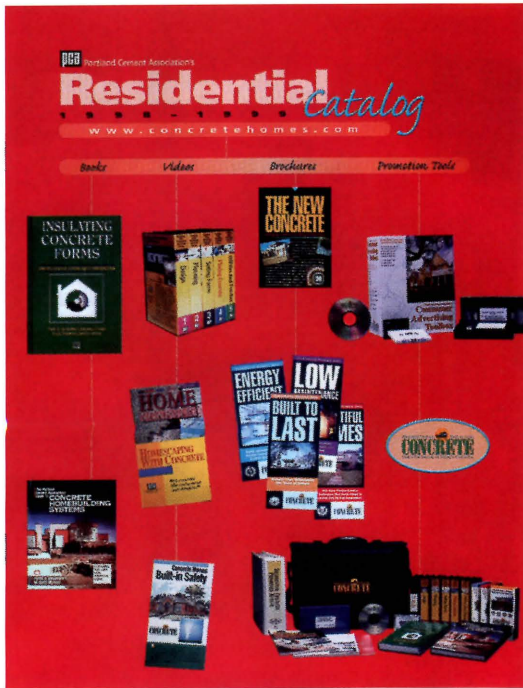
1010 East 62nd Street
Los Angeles, CA 90001-1598



Circle No. 440

architect's showcase

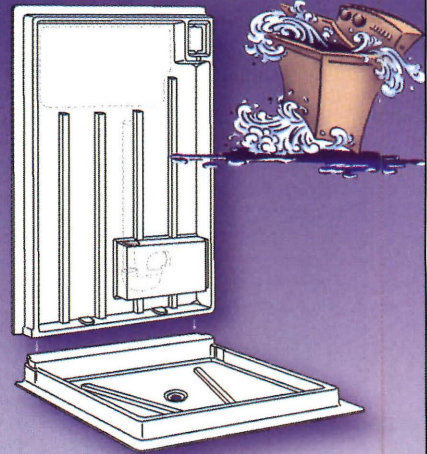
Concrete Answers for Residential Construction



Learn more about Concrete Homebuilding. Circle our Inquiry Number for a free copy of our Residential Catalog, or check out our Hotline or Web Site. Find valuable resources on residential concrete construction, technical information, training books and videos, and promotional tools.

888/333-4840
 www.concretehomes.com
 Portland Cement Association
Circle No. 425

FLOODSAVER



Finally,
 low-cost
 protection against
 washing machine
 leaks and floods!

Designer inspired
 • new construction
 • older homes
 • apartments
 • condominiums

AMI, inc.
 P.O. Box 1782
 Stanwood, WA 98292

PHONE
 (360) 629-9269

FAX
 (360) 629-2838

ORDER
 1-800-929-9269

WEB
 www.floodsaver.com

Circle No. 426



ROYAL CORINTHIAN INC.
 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.

CALL 888-265-8661

www.royalcorinthian.com FAX: (630) 876-3098 **Circle No. 427**



GRANICOAT® SOLID SURFACES

A revolutionary, factory applied material that has the look, properties and characteristics of traditional solid surface sheet goods at approximately half the cost installed. GRANICOAT is available in unlimited colors and designs and is the only solid surface material that gives you a seamless edge.

For information: 800-472-6854
 or **www.safascorp.com.**

Circle No. 428

architect's showcase



European Style and Technology

EUROTEC's custom made, solid wood, Tilt & Turn Windows, Lift & Slide Doors and Folding Doors are the most energy efficient on the market today. Any size or shape window and doors to fit oversize openings. 502-637-6855

Circle No. 429

EXCITING NEW IDEAS FROM TRIM-TEX!



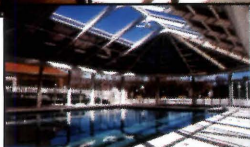
Throw your competition some curves with our new .350 Radius Bullnose products. Call for our 2000 Catalog. Trim-Tex 3700 W. Pratt Ave., Lincolnwood, IL 60712 • 800-874-2333 • www.trim-tex.com



Circle No. 430



- Over 30 yrs. exp.
- Worldwide Installation
- Totally non-corrosive
- Opening Roof System



TELEPHONE: (828) 684-9900
FACSIMILE: (828) 684-9977
AIRPORT ROAD
INDUSTRIAL PARK
LOOP ROAD
ARDEN, NC 28704

WE'VE GOT YOU COVERED

Circle No. 431



Design Shoji

Handcrafted hardwood shoji panels are available in 13 finishes and custom lacquers/stains. Choose from curved panels, specialty shapes, award-winning original grid designs, and custom layouts. Designed as sliding, bifold, shutter, or freestanding screens. All hardware included. Shown are sliding panels in Rosewood finish with fabric-lam linen insert and backlit transom panels above. Call 707-485-5550 or Fax 707-485-5559.

Website: www.designshoji.com
Shoji specialists since 1982.

Trade only; member of Foundation for Design Integrity

Circle No. 432

CAD/computer shop



VectorWorks ARCHITECT

Delivers the promise of Architectural CAD

- Easily integrate 2D plans, 3D models, reports, and schedules
- Track a project's information throughout the design process
- Built in Issue Manager, Redline Suite, Notes Managers
- 1000's of New Intelligent Object/Symbols
- FREE Tech Support
- 90-Day Money Back Guarantee

Save \$150—purchase VectorWorks ARCHITECT direct for \$1140. Add rendering for only \$255.
*Existing VectorWorks users call for pricing.

1-888-646-4223
www.vectorworksaarchitect.com



Diehl Graphsoft Inc
Software for Today's Professional

Circle No. 433

Your Feature In

residential architect

The **Ultimate Opportunity**

Your company is featured in **residential architect**. Share this honor with your clients and associates through professional custom reprints—marketing materials that are as unique as your designs.

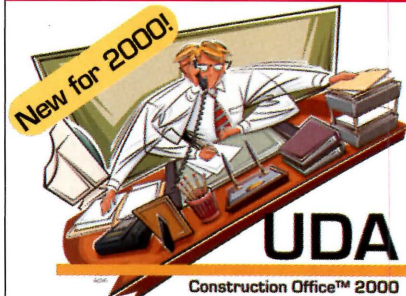
- Include with marketing materials, proposals, and plans
- Display in your office
- Distribute at trade shows and events
- Create a direct mail piece
- Reinforce your professional standing with clients

To order reprints of your company's feature from this issue call

Kerrie Harrison (202) 736-3446

Minimum order 500 reprints

Increase Your Profits!



Construction Office™ 2000 Architect/Designer Version

- Over 100 Construction & Design Contracts
- 200 categories of Residential Specifications
- Estimating Spreadsheet Templates
- Planning & Design Workbook

UDA Construction Office™ 2000 Software is your comprehensive solution for Residential Construction & Design Management and includes over 300 pages of Contracts, Forms, Specifications, Worksheets & Templates designed to accomplish everyday tasks more efficiently.

Special Price of \$189.95

30 Day Money Back Guarantee!



1-800-700-8321
United Design Associates, Inc.
www.uniteddesign.com

Circle No. 434

For information
on advertising in
residential architect's
CAD/Computer Shop
section,
please call Matt Granger
at 406-677-3996.

**Your
essful
future**

**starts
with a
flawless
plan.**



Use Code 52578AY

**BUILDER HOUSE PLANS.
TO BUILD BETTER HOMES.
TO BUILD A BETTER BUSINESS.**

You can't build a house without a plan. Because you need to be building homes, not designing them, BUILDER magazine has developed **BUILDER House Plans** – a library of more than 4,000 new home designs available for purchase online. With **BUILDER House Plans**, you can search by designer, style, size and cost.

BUILDER House Plans are:

- Flexible – customize and alter plans to suit your needs
- Popular – market-driven designs ensure you build the homes your customers want
- Proven – backed by BUILDER magazine, the number-one magazine in the housing industry

Visit **builderhouseplans.com** and concentrate on what you do best – building. It's a smart plan for your

Builder
erhouseplans.com

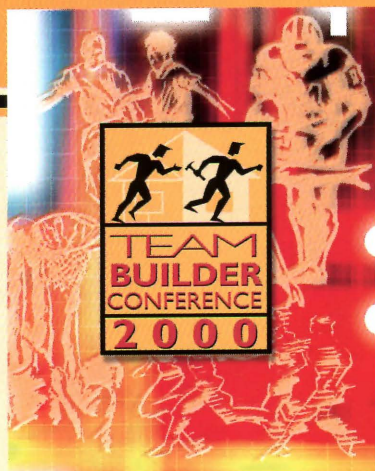
may 2000 / residential architect

ad index

advertiser	page	circle	phone no.	fax	web site/e-mail
Alcoa Building Products	83	318	800-962-6973		www.alcoahomes.com
Alside Inc.	30-31	29	800-922-6009	330-922-2175	www.alside.com
American Standard	6-7	273	800-524-9797 ext. 215		www.americanstandard-us.com
Bilco	9	206	203-934-6363	203-933-8478	www.bilco.com
Boral Bricks	12	45	800-5-BORAL-5		www.boralbricks.com
BUILDER's Choice Design & Planning Awards	34	—			
BUILDER Online	112	—			
BUILDER Online House Plans	120	—			
Samuel Cabot Inc.	16-17	225	800-US-STAIN x. 347	978-462-0511	www.cabotstain.com
Canac Kitchens	63	43	800-CANAC 4U		
Caradco (Part of the Jeld-Wen family)	42-43	221	800-238-1866	800-225-9598	www.caradco.com
CertainTeed Building Solutions	25	281	800-233-8990	610-341-7940	www.certainteed.com
CertainTeed Ventilation	109	381	800-233-8990	610-341-7940	www.certainteed.com
CertainTeed Siding	14-15	313	800-233-8990	610-341-7940	www.certainteed.com
Classic Cast Stone	101	31	972-276-2000		www.stone-slate.com
Cor-A-Vent Inc.	39	323	800-837-8368	219-258-6162	www.cor-a-vent.com
Crossville Ceramics	44	89	888-465-1289		www.crossville-ceramics.com
Cultured Stone Corporation	67	21	800-644-4487		www.culturedstone.com
CUSTOM HOME Pacesetter Awards	38	—			
Designer Doors Inc.	113	74	800-241-0525		www.designerdoors.com
DuPont Corian	C4	314			www.corian.com
Eagle Windows & Doors	79	71	800-453-3633		www.eaglewindow.com
Elk Corp	C3	38	972-851-0400	972-851-0401	www.elkcorp.com
Enkeboll Designs	35	216	310-532-1400	310-532-2042	www.enkeboll.com
Gaggenau USA Corp.	59	52	800-828-9165		www.gaggenau.com/us
Geberit Manufacturing	77	355	800-225-7217	219-872-8003	www.us.geberit.com
Georgia-Pacific Corp.	81	233	800-BUILD-GP	404-230-5624	www.gp.com
Glen Raven Mills, Inc.	35	347			www.sunbrella.com www.somfysystems.com
Graphisoft	51	263	800-344-3468		www.graphisoft.com
Gypsum Association	61	308	202-289-5440	202-289-3707	www.gypsum.org
HEAT-N-GLO	95	261	888-427-3973	612-985-6001	www.heatnglo.org
The Hoover Company	107	212	800-891-5696		www.hoover.com
housing	102-103	—			
International Aluminum Corp.	85	47	800-477-3391		www.intlwindow.com
Jacuzzi Whirlpool Bath	22-23	67	800-288-4002	925-938-3025	www.jacuzzi.com
Jomy Safety Products	9	356	800-255-2591		www.jomy.com
KitchenAid Point Voyager	116-117	379	800-422-1230		www.insideadvantage.net
Knauf Fiber Glass	4	82	800-825-4434 800-200-0802	317-398-3675	www.knauffiberglass.com
Kraftmaid Cabinetry	97	353	440-632-5333		www.kraftmaid.com
Marvin Windows and Doors	26-27	99	800-236-9690		www.marvin.com
Mid-America Building Products Corp.	29	303	800-218-8430		www.tapoint.com
Milgard Manufacturing	98-99	92	800-MILGARD		www.milgard.com

**There Are Three Ways
To Beat the Competition:**

**WORK HARD
WORK SMART
WORK TOGETHER**



**September 21-22
Aladdin Hotel
Las Vegas, Nevada**

**20 INFORMATION-PACKED
EDUCATIONAL SESSIONS**

Produced by:

Builder

**Home Builders
Network**

Sponsored by:

Alside
First On America's Homes

**FORTUNE
BRANDS**

CORIAN

DUPONT

**Protective
Products**
Surface Protection Solutions

**Call 1-800-774-2537 or email
teambuilder@hanley-wood.com
for registration and
play-by-play information.**

may 2000 / residential architect

ad index

advertiser	page	circle	phone no.	fax	web site/e-mail
Norbord Industries, Inc.	35	357		416-777-4415	
North Country Slate	121	295	800-975-2835	416-281-8842	www.ncslate.com
Northern Roof Tile Sales Co.	113	310	905-627-4035	905-627-9648	www.northrooftiles.com
Owens Corning	75	375	800-GET-PINK		www.owenscorning.com
Pella Corporation	C2-1	19	800-54-PELLA	515-628-6457	www.PELLA.com
Pozzi Wood Windows (Part of the JELD-WEN family)	55	222	800-257-9663	503-385-3268	www.pozzi.com
Product Literature	123-133	-			
R.H. Tamlyn & Sons Inc.	114	382	800-334-1676		www.tamlyn.com
Reemay, Inc	41	51	800-321-6271		www.reemay.com
Remodel.com	71	330			
Reprints	122	—			
Reward Walls System	114	341	800-468-6344		www.rewardwalls.com
Simpson Strong-Tie Co. Inc.	69	26	800-999-5099	925-847-0694	www.strongtie.com
Smart Age	105	—			
Softplan Systems	121	79	800-248-0164	615-370-1204	www.softplan.com
Sony Corporation	37	302	877-879-SONY		www.sony.com/directbiz-pnt
Superior Clay Corporation	109	383	800-848-6166		www.rumford.com
Therma Tru Doors	33	58,65	800-THERMA-TRU	419-891-7411	www.thermatru.com
Timbertech Limited	118-119	208	800-307-7780		www.TimberTech.com
Trex Decks	2-3	33	800-BUY-TREXx.631		www.trex.com
TrimJoist Corp.	87	22	800-844-8281	601-329-4610	www.trimjoist.com
Tuff-N-Dri Waterproofing	93	201	800-DRY-BSMT		www.TUFF-N-DRI.com
U-Line Corporation	39	233	414-354-0300	414-354-7905	www.u-line.com
Velux-America, Inc.	18-19	23	800-283-2831	800-388-1329	www.VELUX-AMERICA.com
Vermont Timber Frames Inc.	8	334	518-677-8860	518-677-3626	www.vtf.com
Wagner Electronic Products, Inc.	111	286	800-944-7078	541-582-4138	www.wwwagner.com
Weather Shield Mfg. Inc.	10-11	25	800-477-6808	414-289-0417	www.weathershield.com
White River Hardwoods-Woodworks	113	342	800-558-0119	501-442-0257	www.moulding.com
Window & Door Manufacturers Association (WDMA)	91	298	800-223-2301	847-299-1286	www.wdma.com

* Issue mailed in regional editions.

Volume 4, number 5. *residential architect* (ISSN 1093-359X) is published ten times a year in 2000 by Hanley-Wood, LLC, One Thomas Circle, N.W., Suite 600, Washington, DC 20005. Copyright 2000 by Hanley-Wood, LLC. Opinions expressed are those of the authors or persons quoted and not necessarily those of Hanley-Wood, LLC. 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.



great houses

lawn order

for williamrawn, a group of university buildings
represents an enduring vision of american community.



Bill Sublette, University of Virginia

nearly 175 years ago, Thomas Jefferson, one of our nation's finest architects, designed the University of Virginia. Located on the edge of the frontier, two miles west of the city of Charlottesville, this model for American higher education has influenced educators and architects ever since. Jefferson's vision was nothing short of brilliant.

The Lawn at the University of Virginia is an extraordinary public place. The mix of house sizes and styles creates an overriding texture and a persistent pattern, reflecting Jefferson's decidedly American vision of community. Here, 10 very big houses (designed as faculty housing and classrooms) are interspersed with 54 small student rooms, which play the role of small town houses. All dwellings, large and small, open to the Lawn.

Jefferson called his plan the Academical Village. He was perhaps too modest. I believe that, even today, it's a work of far broader importance. The tight-knit set of buildings gathered around the Lawn is an urban community of the first order. It's an example of the American Village to which we all should aspire, a model for village living, for town living, for city living.

It is *this* image of a group of houses, this vision of community, that is as exciting to me today as it was appropriate 175 years ago. It represents the community values and aspirations that are both a part of our heritage and a part of our contemporary life. **ra**

William Rawn, FAIA, is principal of William Rawn Associates in Boston.