Visit the new
www.period-homes.com

Clem Labine's

Period Homes

THE PROFESSIONAL'S RESOURCE FOR RESIDENTIAL ARCHITECTURE ■ Volume 9, Number 6 ■ November 2008 $7.00

Presorted Bound
Printed Matter
U.S. Postage
PAID
Easton, PA
Permit No. 55

Period Homes
45 Main Street, Suite 705
Brooklyn, N.Y. 11201
Change service requested.

Restoring
the Period Home

A RESTORE MEDIA PUBLICATION
www.period-homes.com

I'ON DEVELOPMENT IN MT. PLEASANT, SOUTH CAROLINA; PHOTOGRAPHY BY HART/COLLIER

CHADSWORTH COLUMNS®

www.columns.com

277 NORTH FRONT STREET • HISTORIC WILMINGTON, NORTH CAROLINA 28401

800.486.2118 • TELEFAX 910.763.3191

WRITE IN NO. 1580 FOR POLYSTONE & NO. 180 FOR WOOD

In this Issue

VOLUME 9 ■ NUMBER 6 ■ NOVEMBER 2008 ■ WWW.PERIOD-HOMES.COM

Profile

Seaside Style, *by Dan Cooper*
Cate Comerford AIA, LLC, restores the Victorian-era historic fabric of Ocean Grove, NJ, and designs new-construction projects sympathetic to the architectural traditions of the region. 6

Feature

Profiting from History, *by Eve M. Kahn*
The transformation of two of New York City's iconic buildings – the Plaza Hotel and the Williamsburgh Savings Bank tower – to condominiums shows the value of converting historic structures, even in an erratic housing market. 10

Recent Projects

Connecting to the Past, *by Martha McDonald*
An early-19th-century stone farmhouse in Oley, PA, is renovated, expanded and updated with modern conveniences by Peter Zimmerman Architects. 14

Order of Succession, *by Eve M. Kahn*
Oehrlein & Associates Architects and Venturi, Scott Brown and Associates join the long line of distinguished architects who have worked on Dumbarton Oaks in Washington, DC. 18

Family Ties, *by Will Holloway*
An Arthur Kelly-designed Spanish Colonial Revival house near Los Angeles is renovated and nearly doubled in size by Michael Burch Architects. 22

Plantation Revival, *by Annabel Hsin*
An historically significant mid-19th-century Greek Revival plantation house in Howardsville, VA, is restored by Frazier Associates. 26

Book Reviews

The Victorian House Book: A Practical Guide to Home Repair and Decoration, Fourth Edition, by Robin Guild, *reviewed by Lynne Lavelle* 110

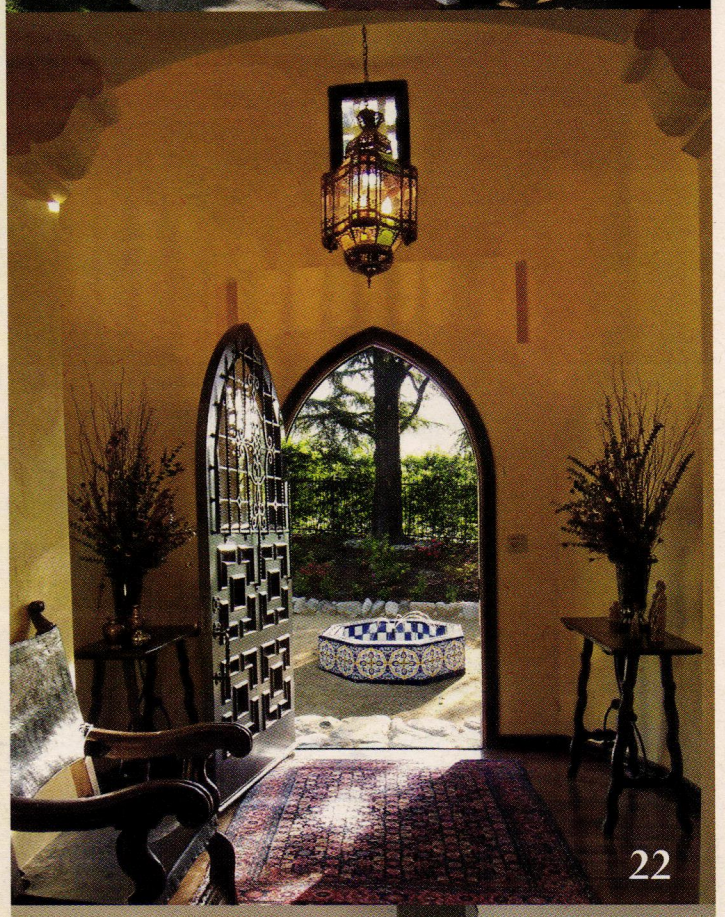
Winfield House, by Maria Tuttle and Marcus Binney, *reviewed by Nicole V. Gagne* 112

The Forum

Common Sense Green Building, *by Michael C. Connor*
Engineered-wood products made from waste-stream material save trees and are thus touted as environmentally friendly. But is this really a green practice? 114

Departments

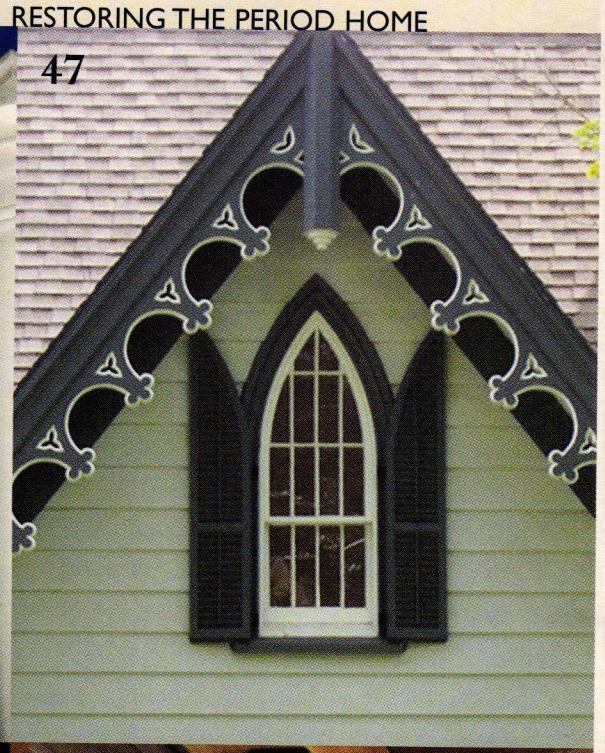
Advertiser Index **34** Calendar of Events **111**

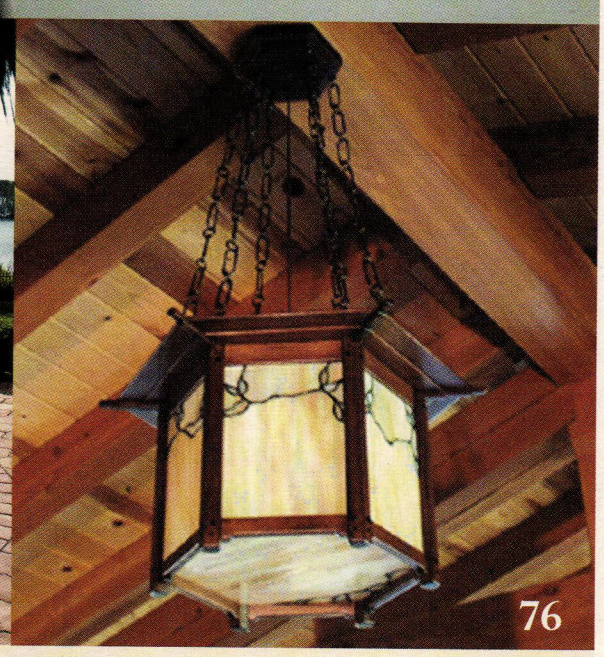


On the cover: Since it was constructed in 1929, the Williamsburgh Savings Bank tower has been the tallest building in Brooklyn, NY. Now known as One Hanson Place, it was recently converted into condominiums with 360-degree views of parks, church steeples, bridges and the Manhattan skyline. See page 10. *Photo: Kevin McDevitt*

The Buying Guides

RESTORING THE PERIOD HOME





Buying Guides

In this issue you will find 17 Buying Guides on our issue theme: Restoring the Period Home. The Guides contain information on suppliers, manufacturers, custom fabricators, artists and artisans, as well as many photographs of their work. The Guides range from Doors, Windows, Shutters & Hardware to Metalwork and Salvaged Materials & Antiques. They form a most comprehensive source for professionals working in restoration, renovation and traditionally styled new construction.

Artwork, Art Glass & Furnishings 36
Columns & Capitals 38
Conservatories & Outbuildings 43
Doors, Windows, Shutters & Hardware 47
Exterior Elements, Ornament & Finishes 63
Flooring 67
Interior Elements, Ornament & Finishes 70
Landscape & Garden Specialties 73
Lighting & Electrical 76
Mantels, Fireplaces & Chimneys 86
Metalwork 89
Plumbing, Bath & Heating 95
Roofing & Roof Specialties 98
Salvaged Materials & Antiques 102
Stone Brick & Masonry 103
Timber Framing & Barns 104
Woodwork 106

Period Homes

The Professional's Resource for Residential Architecture

45 Main Street, Suite 705, Brooklyn, NY 11201
Fax: 718-636-0750
www.period-homes.com

Editor **Will Holloway**
Associate Editor **Lynne Lavelle**
Editorial Assistant **Annabel Hsin**
Contributing Editor **Martha McDonald**

Art Director **Mary Camille Connolly**
Production Manager **Nancy Goodman**
Associate Art Director/ Web Designer **LJ Lindhurst**
Production/Art Assistant **Laia Garcia**

Advertising Sales Director **Sean Aalai**
Direct Response Advertising Sales Manager, East **Jennifer Baldwin**
National Accounts Advertising Sales Manager, East **Robert P. Fox**
National Accounts Advertising Sales Manager, Midwest **James F. Powers**
National Accounts Advertising Sales Manager, West **Jim Führer**
Advertising Sales Manager, West **Kim Bloom**
Advertising Sales Associate **Laurey J. Sherman**
Advertising Sales Assistant/ National Accounts **Allison O'Connor**
Advertising Sales/ Office Assistant **Luiza Grimberg**
Information Services Manager **Dorian Henao**
Publisher **Peter H. Miller**

RESTORE MEDIA, LLC

Chairman, CEO **Michael J. Tucker**
President **Peter H. Miller**
Executive Vice President **Paul Kitzke**
Chief Financial Officer **Cynthia Gordon-Nicks**
Circulation Director **Marilyn Light**
Circulation Manager **Betty Russell**
Accounting Manager **Shawn Williams**
Manager, Accounts Receivable **Carolyn Walsh**
Sales/Marketing Assistant **Allison O'Connor**

Traditional Building Exhibition and Conference
Show Director **Eric Peterson** epeterson@restoremedia.com
Exhibit Sales **Anita Delargy** adelargy@restoremedia.com
Toll Free: 866-566-7840; Fax: 202-339-0749

Subscriptions & Subscriber Service: 800-548-0148
Period Homes, P.O. Box 3000, Denville, NJ 07834-9965

PERIOD HOMES (ISSN # 1531-2100) is published by Restore Media, LLC, 45 Main Street, Suite 705, Brooklyn, NY 11201. Subscription rate to professionals in architecture, interior design, construction and landscape design in the U.S. and possessions: $24.95/yr. (6 issues). Not available outside the U.S. Postal System.

Contents of PERIOD HOMES are fully protected by copyright and must not be reproduced in any manner whatsoever without written permission from the Publisher.

Copyright 2008 by Restore Media, LLC. All rights reserved.

Restore Media, LLC
1054 31st Street, NW, Suite 430, Washington, DC 20007
Phone: 202-339-0744; Fax: 202-339-0749

LIST RENTAL: THE INFORMATION REFINERY 201-529-2600
BULK REPRINTS: THE REPRINT DEPT. 800-259-0470
PRINTED BY CADMUS SPECIALTY PUBLICATIONS, EASTON, PA

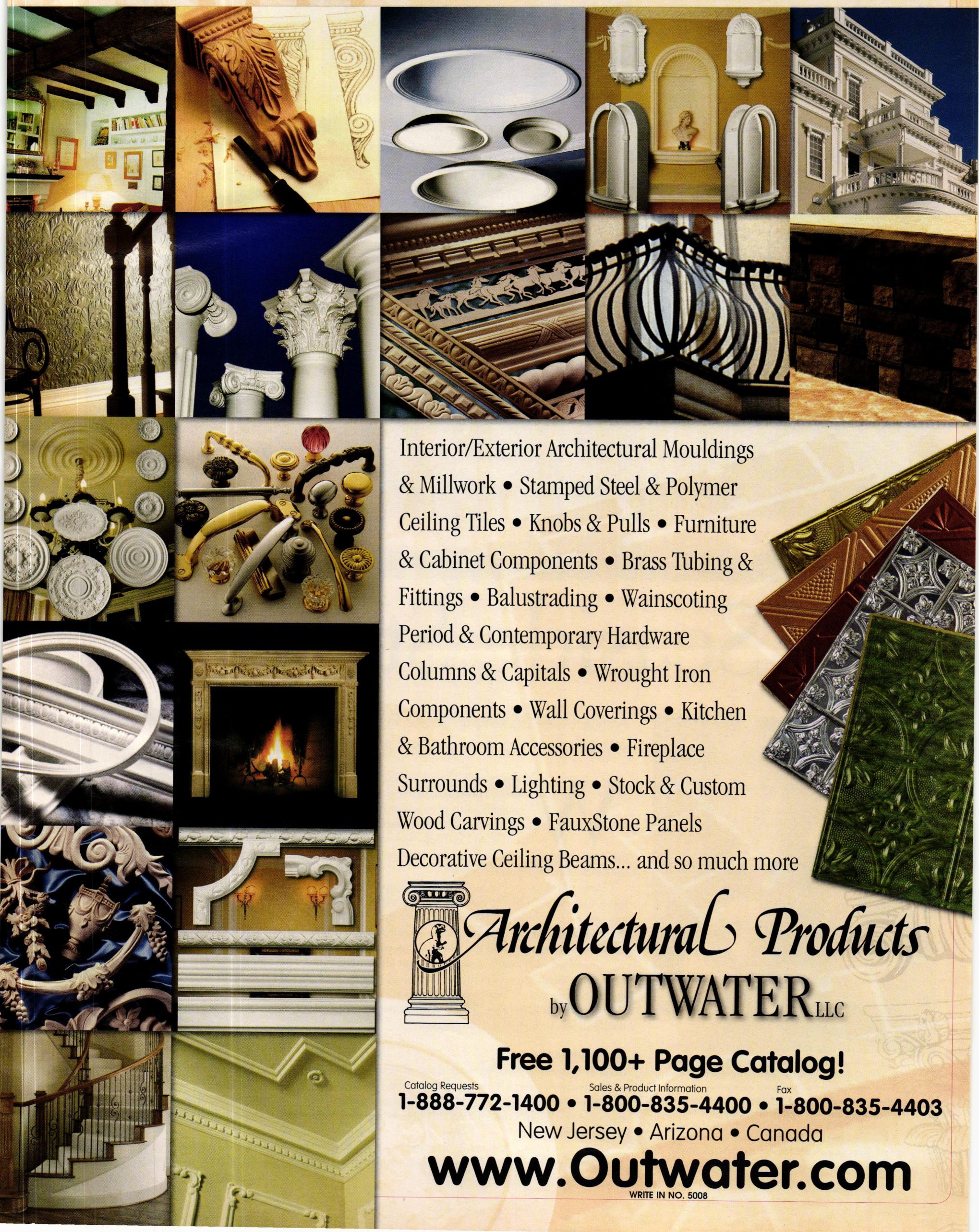
When you have finished with this magazine, please recycle it.

CIVITAS

65,000+

Decorative Building Products

Lowest Prices... Widest Selection... All From Stock!



Interior/Exterior Architectural Mouldings & Millwork • Stamped Steel & Polymer Ceiling Tiles • Knobs & Pulls • Furniture & Cabinet Components • Brass Tubing & Fittings • Balustrading • Wainscoting Period & Contemporary Hardware Columns & Capitals • Wrought Iron Components • Wall Coverings • Kitchen & Bathroom Accessories • Fireplace Surrounds • Lighting • Stock & Custom Wood Carvings • FauxStone Panels Decorative Ceiling Beams... and so much more

Architectural Products

by OUTWATER LLC

Free 1,100+ Page Catalog!

Catalog Requests **1-888-772-1400** • Sales & Product Information **1-800-835-4400** • Fax **1-800-835-4403**

New Jersey • Arizona • Canada

www.Outwater.com

WRITE IN NO. 5008

Seaside Style

Since founding Cate Comerford AIA, LLC, in 2000, Cate Comerford (above) has focused on traditional design and historic restoration in and around Ocean Grove, NJ. Her own house (top) was originally a single-story camp that was enlarged in 1907 to a two-and-a-half story Colonial Revival; Comerford has completely rebuilt the porches. *All photos: SRS Photography*

Architect Cate Comerford restores and reinvents Ocean Grove, NJ, while contending with tent cities, tiny seaside lots and a powerful historical commission. *By Dan Cooper*

Whoever said "they don't build 'em like they used to" never ripped apart one of the hastily constructed Victorian-era holiday homes in Ocean Grove, NJ; never stepped gingerly onto plywood in the midst of a deconstructed house being renovated by local architect Cate Comerford; never stood on its 2x4-in. floor joists set 24 in. on center and laid into 4x4-in. sills supported by small brick piers extending two ft. into the soil without footings; and never stood below the 2x8-in. ceiling joists spanning the width of the house without central support.

"Many of these original houses were put up as quickly as possible for incoming Methodist Pilgrims," says Comerford. "They're basically framed with a 4x4-in. sill and plate, sheathed with vertical tongue-and-groove beadboard, and every four feet there's a post – so there's barely any structure at all. When the iron nails rust through due to the salt air and the beadboard starts dropping off, the building loses its structural integrity and the whole framework gets wracked."

Comerford adds that because she cannot alter more than 15 percent of a building's exterior without obtaining a demolition permit, a painstaking, foot-by-foot preservation of the exterior is needed. "I've got a great carpenter," she says, "and he's very patient in building sturdy framing around the existing structural fabric. He pieces in the studs as needed and beefs everything up to code. The exterior will still look like it did in the 19th century."

Indigenous Design

Most of Comerford's projects are situated in and around Ocean Grove, and her practice is focused primarily within a two to three town radius. She has built her reputation on working within the stringent parameters of historic districts, and is known not only for her restorations, but also for creating sensitively designed new construction that blends imperceptibly with the indigenous seaside architecture of the Jersey Shore.

Ocean Grove itself was settled in 1869 as a Methodist retreat, a place where church members would summer in rows of tents by the sea. "The town is a model for all of the New Urbanists," says Comerford.

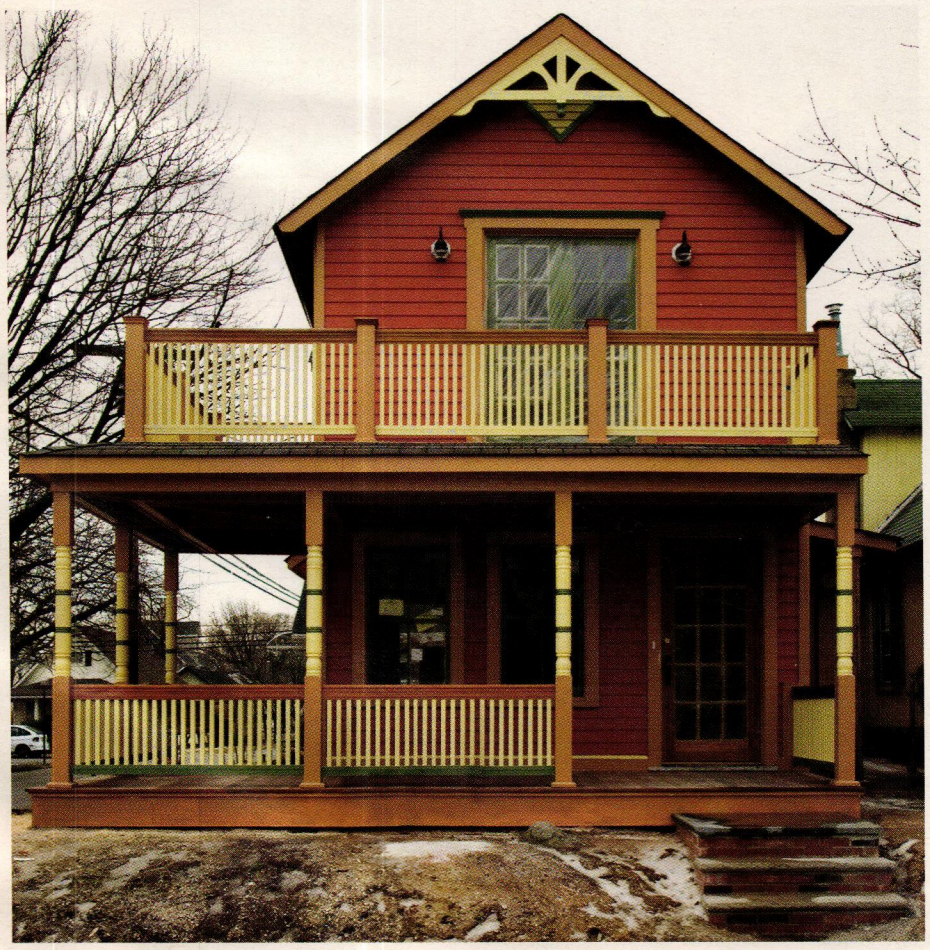
The summer cabin/tent structures are perhaps the most distinctive architecture indigenous to Ocean Grove. When four of the originals were destroyed by fire, Comerford designed their replacements to share party walls instead of as freestanding structures.

Right: The interiors of the cabin/tent structures provide ample space for sleeping, bathing and entertaining; the fabric sections are removed in the off-season.

"It was built as a walking town, and originally had three centers and no cars, of course, and the train station was just outside of town. A lot of planning went into the layout; as the last two blocks approach the beach, the setbacks get wider and wider. The planners thought that this would allow the healthful ocean breezes to move inland, and while it didn't necessarily work, this plan did give many more houses views of the water."

The "tents" are perhaps the most unusual type of structure in the town. The dwellings, which were erected in rows resembling a military camp, are actually tiny, late-19th-century frame cabins with tented additions to the front and rear. Originally intended for pilgrims of modest means, over 100 of these canvas and wood structures are still used as summer homes leased by church members. Their open layouts provide space for cooking, bathing and relaxing. All of the tents are centered around the massive Great Auditorium, an 1894 wooden structure that serves as a meeting house and concert hall. A typical leisure activity for the summering Methodists is walking up and down the rows, conversing with fellow campers.

In 2004, a row of four original tents was destroyed by fire, and Comerford was hired to rebuild them. "It was critical for me to maintain the promenade around the auditorium," she says. "I didn't want to alter the original plan, or the appearance of the tents. Fire code dictated that there be a two-hour fire wall between structures, and the building code also prohibited rebuilding the original plan due to setbacks, because there was no way we could build new houses that were only four to six feet apart. I designed a series of four separate tents that are conjoined like townhouses with party walls. There's really no significant difference in the appearance, and the promenade has been perfectly preserved."



For this once dilapidated frame house, Comerford removed an inappropriately closed-in second-floor porch and replaced it with two expansive open porches. It was then painted the exuberant colors found throughout Ocean Grove.

Reinventing the Past

As the 19th century waned, Ocean Grove became less of a Methodist enclave and more populated by the general public. Many of the tent/cabins slowly evolved into more permanent structures, at first one story high, and then increasing to two or more. Builders in the later 1800s often incorporated the crudely built structures into larger houses rather than tearing them down and starting anew. As they grew, they were often adorned with ornate gingerbread-accented porches that covered their entire front elevations. Such was the case with Comerford's own home, which underwent an extensive architect-designed expansion in the early 1900s.

There is no trace of pre-1900 architecture in her home, and it appears to be an intact Colonial Revival. "When I began the renovation of my home, and we opened up the wall between the middle and front parlors, we found the typical wide arch that served as a pass through into a tent, along with the vertical beadboard siding," says Comerford. "This had been plastered over when the front room was added in the early-20th century. The upstairs was originally one room and some sleeping porches, and now there are three bedrooms and two baths. When I renovated, there was a 'captured' fourth bedroom, accessible only by going through another bedroom. I took that captured bedroom and turned it into the master bathroom."

Many of Comerford's Ocean Grove projects entail replicating local architecture or adding to existing neglected structures. For a dilapidated, standard-issue frame house, Comerford removed a closed-in second-story porch while creating two new expansive open porches that are adorned with the trim and exuberant colors found throughout Ocean Grove. A cross-gabled addition adds a bedroom and brings a much-needed bathroom to the second floor while creating a side porch off the kitchen on the first floor.

In another commission, Comerford retraced the efforts of architects past by expanding the single-story bungalow into a full-fledged two-story home while maintaining the traditional architecture of the neighborhood. This project won a local preservation award – the house's elevations are indistinguishable from century-old dwellings, belying nothing of its past.

Another project that necessitated a subtle hand involved merging two diminutive frame cottages from the 1920s. Comerford linked the structures with a rear addition that is barely visible from the street. Her intent was to maintain each structure's façade as a discreet building while making the property more functional for the owners.

Building a Village

Sea Breeze Village, a development encompassing an entire block in Ocean Grove, is a group of 20 new homes near the ocean. There are four different models in the village, each with its own unique façade. "These are built on the original 30x60-ft. tent lots, which are really just 1/24 of an acre," says Comerford. In keeping with the design vocabulary of the adjacent blocks, she employed motifs from the late-19th century. The houses are not large, roughly 2,500 sq. ft., and sell in the $700,000-$900,000 range, which may sound expensive until one realizes that homes near the beach in neighboring Elberon can fetch $6 million. "Ocean Grove has recently experienced an influx of New Yorkers who were tired of the interminable drive to the Hamptons," says Comerford. "Ocean Grove is an hour by car and two hours by train from Manhattan. It's become an attractive alternative to schlepping out to Long Island."

Comerford had wanted to keep the foundations as low as possible and maintain the tradition of the older homes, but was forced to compromise with the desires of the developers and homeowners, who wanted full basements. Faced with the need to allow for proper ceiling heights, especially on the first floor, she found that when this factor was coupled with the foundation requirements, it forced the overall heights of the buildings

Originally a one-story bungalow, Comerford enlarged this house with a sensitively designed addition that blends imperceptibly with its neighbors.

to rise. By carefully modulating rooflines and porches, Comerford was able to create a block of stylistically cohesive elevations – it takes a discerning eye to realize that these are not older homes. Comerford also skillfully created the façades, incorporating recessed balconies and fancifully ornamented porches, all hallmarks of Ocean Grove.

Outside of Town

In the more rural town of Chester, NJ, Comerford was commissioned to restore a simple 1890s farmhouse known as Hill House, which was to include a new garage. Careful to avoid the appearance of a typical suburban addition, Comerford referenced the New England tradition of connecting the barn or carriage house to the main building with a breezeway.

"I did my best to make it look as if the footprint had evolved over time with each consecutive structure," she says. "The house was cased in aluminum siding and had endured neglect and inappropriate renovations. We removed all of this, restored it to an appropriate appearance and also replicated the old stone foundation on the addition.

"The dining room had a ceiling beam arbitrarily placed to one side of the room, probably placed there to take the bounce out of overstressed joists above. I added another beam, coffering the ceiling to give it some sense of symmetry. Kitchens are always a challenge, as the client desires modern amenities along with a historic feel – specifying tongue and groove for the cabinets and multi-light cabinet doors gave the whole room the appearance of a turn-of-the-century pantry."

Above: Comerford designed an entire block's worth of 20 new homes that are a sensitive addition to Ocean Grove. Known as Sea Breeze Village, they emulate the scale and ornamentation of the surrounding area.

Left: Faced with the challenge of merging two tiny, 1920s Chalet revival homes, Comerford connected them at the rear of the property, concealing almost any visible alteration of the streetscape.

Commissioned with building an appropriately designed outbuilding for an existing late 19th-century house in Chester, NJ, Comerford attached the two structures with a breezeway to replicate the attached barns of New England.

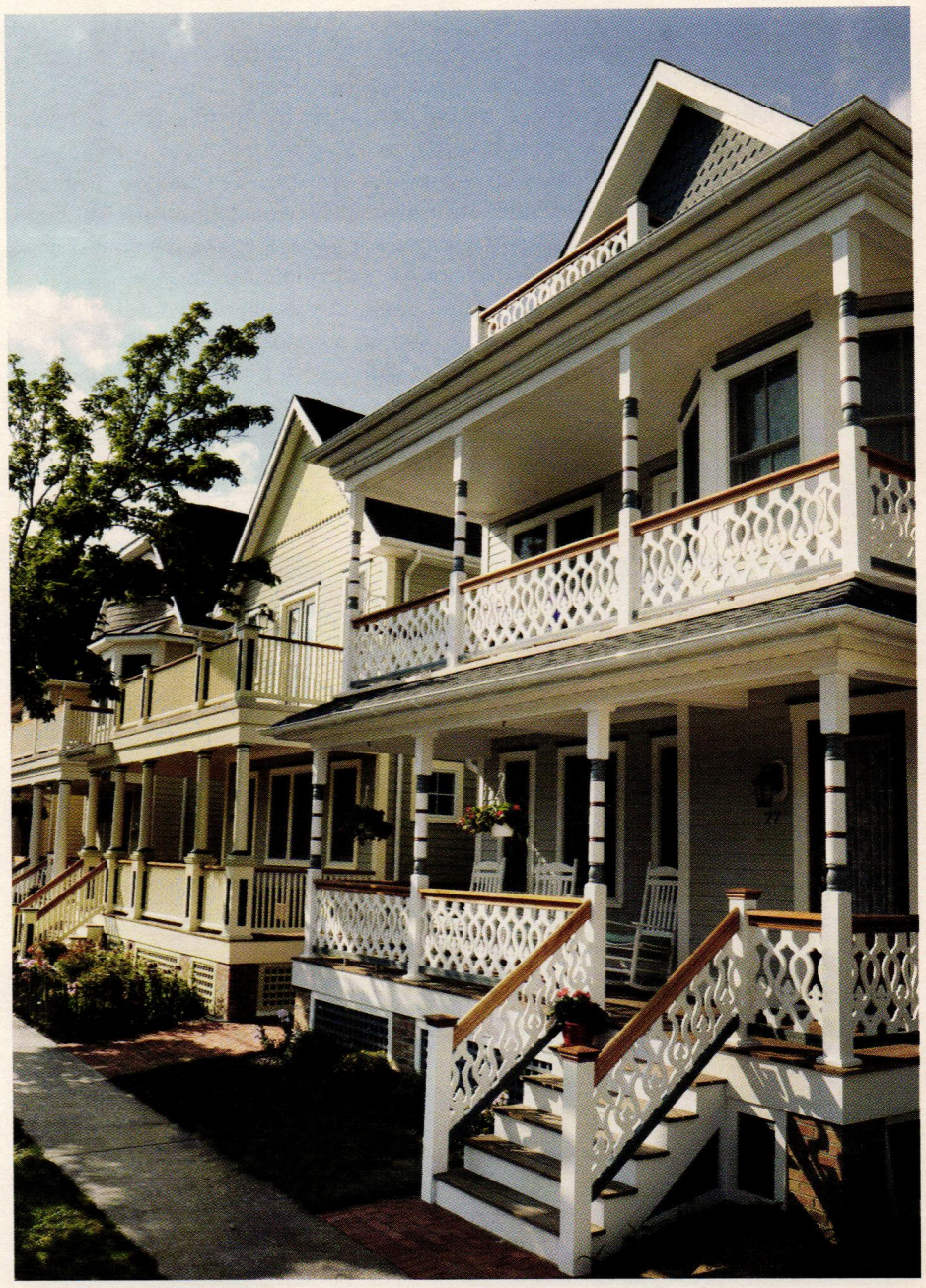
In the kitchen of the Chester house, the clients desired historic trappings and modern amenities; Comerford utilized beadboard cabinetry and multi-light doors to achieve this effect.

Design Details

As an architect charged with working within the tight parameters of an historic district, Comerford revels in solving problems and being innovative while honoring the existing historic fabric. What she finds more challenging is being given a blank slate; currently she is designing an oceanfront house on an empty corner lot of the town's historic Ocean Pathway. Once the site of the Queen Hotel, Comerford feels the new structure must honor the prominence of the former hotel. "The Queen originally sat on this corner, and the Majestic Hotel sat on the opposite corner," she says. "They were the bookends of a magnificent wide thoroughfare that led from the sea to the massive Great Auditorium. How does a single family home carry that same weight?"

"Moving to Ocean Grove truly made me realize that the quality of the house and its design details are much more important than the quantity of the house," Comerford continues. "When you're dealing with miniscule plots of land where you can just about literally reach out and touch the side of your neighbor's house, you have to learn how to make a small house feel spacious and still maintain its privacy. I like to design flexible intimate spaces – a traditional dining room just big enough for the family's everyday use, yet making sure it has the ability to expand through a wide framed opening into an adjacent parlor when the company comes."

Comerford, who earned her Master of Architecture from the New Jersey Institute of Technology, first worked for Eleanor Peterson, who herself was an apprentice to Frank Lloyd Wright. There, she designed upmarket residences, and eventually moved on to Roth Associates, where she honed her skills on institutional and commercial projects as well as residences. In 1995, she was named principal partner of the firm Studio Architects, where she oversaw projects at the The Port Authority of New York and New Jersey. She started Cate Comerford AIA, LLC, in 2000, devoting her efforts to traditional design and historic renovation. Her Camp Meeting Tents and single-family houses have been recognized with a Beersheba Preservation Award from the town of Ocean Grove. She was also awarded a certificate of recognition for significant contributions to the preservation and restoration of Ocean Grove's heritage and a community achievement award by the Chester, NJ, historical society. ■



Comerford created this ornate front porch, which is consistent in scale and appearance with others in Ocean Grove.

Profiting from History

Architects' strategies for turning some of New York City's grandest old buildings into condos are proving their worth despite an erratic housing market. *By Eve M. Kahn*

Not since the 1970s wave of warehouse-to-loft conversions have so many apartments taken over formerly non-residential structures in New York City. The homes fetch prices up to eight figures, partly because the architects have maintained quirky traces of history. The evidence of the buildings' past uses – whether as foundries, factories, offices or dowager hotels – is keeping sales steady even in a difficult market. And the passersby benefit too, as exteriors are cleaned and reinforced and long-shuttered ground-floor spaces are reopened to the public. One Hanson Place, also known as the Williamsburgh Savings Bank tower, and the Plaza Hotel, both fast-tracked over the past three years, are two of the most notable recent conversions in the city – each displaying methods of carving posh homes within skyline-defining masonry profiles.

PROJECT: ONE HANSON PLACE, BROOKLYN, NY

CLIENT: DERMOT COMPANY, NEW YORK, NY; CANYON-JOHNSON URBAN FUND, LOS ANGELES, CA

ARCHITECT: H. THOMAS O'HARA ARCHITECT, NEW YORK, NY

FAÇADE RESTORATION CONSULTANT: THORNTON TOMASETTI, INC., NEW YORK, NY

CONTRACTOR: HUNTER ROBERTS CONSTRUCTION GROUP, NEW YORK, NY

No Brooklyn spire can compete with the height or the memorable shape of the Williamsburgh Savings Bank. The bank had originally expected its 1929 tiers of setbacks to be surrounded by tall rivals, but the executives misread downtown Brooklyn's housing market. "They assumed that other buildings would come up around them," says architectural historian Eric Allison.

Instead, the Depression quashed Brooklyn development. Above the bank's dazzlingly vaulted and gilded hall for customers, 34 floors of offices long sat vacant. After World War II, dentists moved in by the score, attracted to the 360-degree views of parks, church steeples, bridges and Manhattan. The scenery helped distract the patients, Allison explains: "They were less likely to notice what was happening in their mouths."

This year, condo owners started occupying the former dental center. The building has been renamed for its address, One Hanson Place, and reorganized into 179 residences that cost up to $5.875 million. A development team of the Dermot Company and Canyon-Johnson Urban Fund (founded by basketball star Magic Johnson) orchestrated the conversion. In 2005, they bought the landmark for $71 million from HSBC, the last banking occupant. With Thornton Tomasetti as façade consultants, H. Thomas O'Hara Architect has worked up a restoration true to the 1929 design intent: a reassuring sense of stability, with touches of whimsy.

The original architects, a Manhattan firm named Halsey, McCormick & Helmer, specialized in eye-catching domed banks, mostly in Classical or Art Deco modes. Robert Helmer, the only licensed architect at the office, also served as its eloquent spokesman. He described the bank's overall style as "an unusual and beautiful variation of the Romanesque," with a 63-ft.-tall banking hall akin to "a cathedral dedicated to the furtherance of thrift and prosperity of the community."

No Brooklyn spire can compete with the height and memorable ziggurat profile of the Williamsburgh Savings Bank, now a condo tower called One Hanson Place. *Photo: Kevin McDevitt*

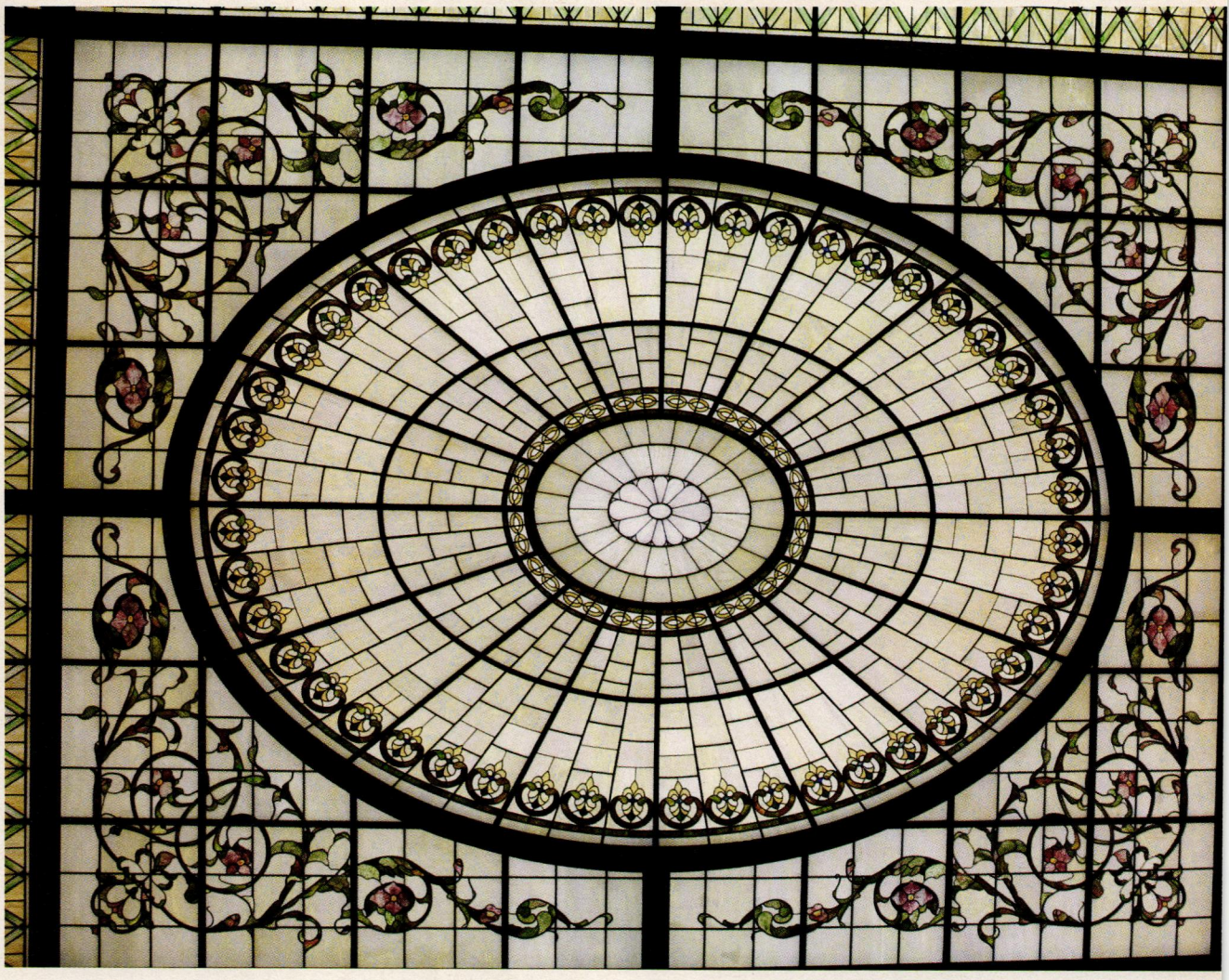
The lower stories are clad in swirly Minnesota granite and Indiana limestone. On the 512-ft. shaft, buff-brick planes are trimmed in terra cotta and limestone. Just under the gilded dome, four clock faces have long marked time for Brooklynites in every direction. Locals have also been irresistibly drawn to the banking hall's extravaganza of marble in dozens of colors, cast metalwork ornament and glass mosaic scenery. The images in the mosaics alone range from celestial – zodiac signs, sunrays, starry nights – to locally rooted: an aerial view of Brooklyn fills one wall, depicting colonial flags and the names of Dutch settlements. The marble floors are patterned in pentagons, zigzags, overlapping disks and parallelograms. Stone columns and arches and extraordinarily diverse metalwork (in bronze, brass, copper and even silver) portray industrious workers, fierce animals, bountiful harvests and currencies.

Williamsburgh Savings and subsequent banks were so respectful of the interior that a 1996 designation report from the city's Landmarks Commission (the exterior was landmarked in 1977) contains a litany of intact features including "tellers' counters, railings, balustrades, doors, security gates, clocks, chandeliers and lighting fixtures, flagpoles, decorative metalwork, ventilation grilles, windows and attached furnishings." The upper floors, however, "had been renovated so many times, there was nothing left

The tower's 27-ft.-wide clock faces have been repaired and the mechanisms reactivated to mark time for Brooklynites in all directions. *Photo: Kevin McDevitt*

www.period-homes.com

Shell and floral reliefs on the guestroom ceiling medallions echo elaborate plasterwork in landmarked public rooms downstairs. *Photo: Jim Franco*



Green trelliswork frames pink-flowered vines and fleurs-de-lis on the re-created laylight over the Palm Court. *Photo: Diane Bondareff*

"Everything was stripped to the steel columns and concrete slabs," says Nauer. "All the chases and ducts were re-routed. We had to penetrate the slabs in many places, but fortunately the structure, the steel columns, are incredibly strong." She also managed to add a few cubic feet of living space: "We reconfigured some floor slabs to add ceiling height on the top floors, where the maids' rooms had been. The ceilings there were as low as 8 ft. – most of the floors below have 12-ft. ceilings. And there was a huge chimney that ran up through the building – it had served a railroad terminal that was used for deliveries in the sub-sub-cellar." The chimney shaft, she adds, "turned into gorgeous bedroom spaces."

None of the changes affected the exterior except in a courtyard formerly filled with mechanicals. A petal-shaped fountain now burbles there, alongside a slate-rimmed reflecting pool, and Juliet balconies for the hotel rooms are stacked on the walls. "We added limestone along the two lower floors of the courtyard that had been brick, to match the limestone base of the whole façade," says Nauer. "People can step out onto their balconies and see the beautiful water cascade, it's another gesture that's a gift of the Plaza."

The hotel rooms' other principal visual delight are gold highlights everywhere. Furniture is encrusted with ormolu, gold cords trim the bed linens and the bronze doorknobs are embossed with the hotel's logo – back-to-back Ps. Gold vines course through the bathroom tiles, gold double Ps edge the creamy marble sinks, and the Sherle Wagner bathroom fixtures, including dinner-plate-size showerheads, are plated in 24k gold.

The condo section's décor is only slightly tamer. Bathroom tiles and glass kitchen cabinets are white, kitchen counters are black soapstone and nickel plumbing fittings come from Lefroy Brooks. "Most of the buyers," says Nauer, "have kept our kitchens and bathrooms instead of putting in their own, which is very unusual for condos at this price point."

While the hotel and condo phases were underway, restorers from EverGreene Painting Studios were tackling the landmarked lobbies, gathering spaces, hallways, foyers and stairwells. "This was one of the most complicated and interesting projects we've ever taken on," says Luis Angarita, senior restoration project manager at EverGreene. Up to 60 staffers, in close collaboration with Walter B. Melvin Architects, were assigned to the Plaza for months straight. They stripped paint layers off Caen stone paneling and bronze pilaster capitals, cleaned and polished mosaic floors and re-created lost ceiling ornament and monumental oak doors based on vintage photos or surviving examples. Conservators also delicately removed varnish from murals of cupids or German hilltop castles, then consolidated surviving paint and filled in lost scenery.

Most noticeable, however, is the rejuvenation of the Palm Court alongside the lobby. Its stained-glass laylight, patterned with pink-flowered vines, fleurs-de-lis and green cross-hatching, had been torn out in the 1940s to make way for air-conditioning ducts. Based on black-and-white photographs, one rough sketch by Henry J. Hardenbergh and a handful of surviving glass shards, Melvin's office designed an 1,800-sq.ft. replica that was executed by Botti Studio of Architectural Arts in Evanston, IL. EverGreene meanwhile re-created the missing entablature for the elliptical laylight's perimeter: "We had to sculpt everything to fit the glass exactly, without an inch to spare," says Angarita.

Just 18 months after the renovation began, condo owners began moving in. Nauer describes the whole process as "a fascinating, challenging, always rewarding journey. Everyone worked with cherish and care. We've brought back the Plaza's authentic qualities, but with a fresh take. We've pushed it to a new level, but it seems to have been that way for 100 years." ■

Herringbone parquet and panel moldings give a pre-war feel to new condos at the Plaza. *Photo: Aaron Feder*

Connecting to the Past

Additions and renovations transform a 19th-century stone house into a period home with hidden modern amenities.

PROJECT: VILLAGE FARM, OLEY, PA

ARCHITECT: PETER ZIMMERMAN ARCHITECTS, BERWYN, PA; PETER ZIMMERMAN, AIA, & JOHN F. TOATES, AIA, PRINCIPALS IN CHARGE

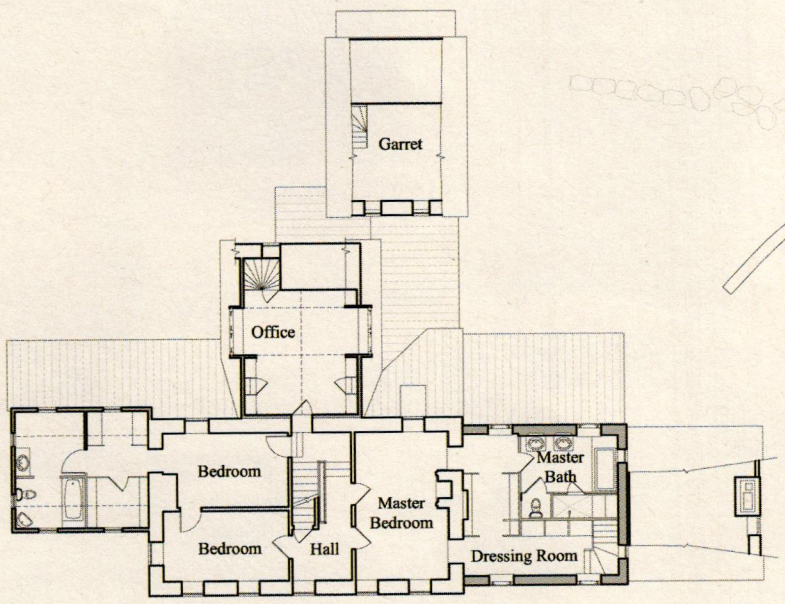
GENERAL CONTRACTOR: GRIFFITHS CONSTRUCTION, CHESTER SPRINGS, PA

When a busy New York City family bought a farmhouse that dates from the 1820s in Oley, PA, the original idea was to establish a weekend retreat. As time went by, the family decided to convert it into their full-time home, necessitating the addition of more space and the restoration of existing areas. The goal for Berwyn, PA-based Peter Zimmerman Architects (PZA) was clear: retain the 19th-century authenticity of the home while discreetly bringing it into the 21st century.

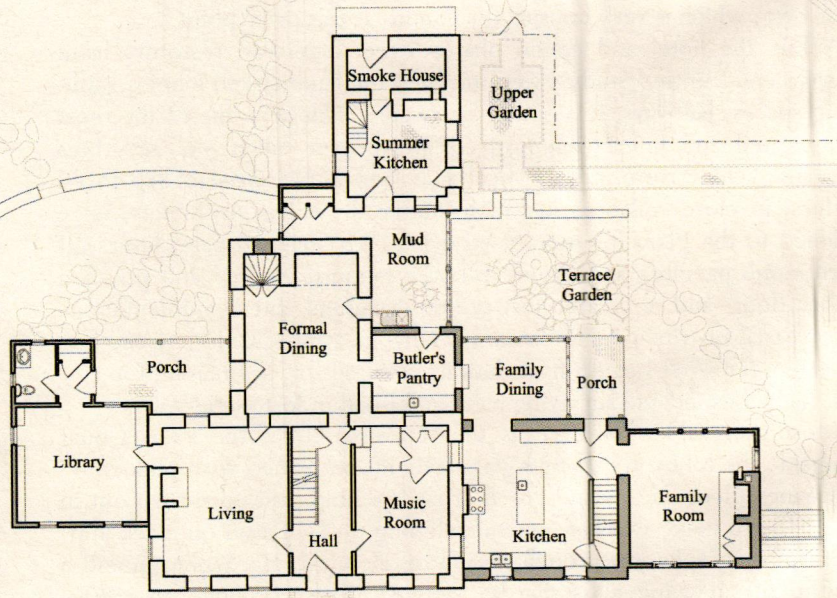
"What was unique was the clients' passionate interest in the whole process," says PZA principal Peter Zimmerman. "They were interested in every single detail and were willing to take the time to develop it properly. It was a long process, but they were much more interested in it being absolutely right than rushing to a conclusion."

"One of the project's challenges was the clients' desire to have every visible material in the house be from the correct historical period and region," adds principal John F. Toates. "We had to design and integrate a 21st-century home's infrastructure and lifestyle needs into the appearance of an 19th-century house. The doors, floors, walls and ceilings are all antique – yet if you could see behind these materials you would find a very modern building."

The existing five-room main house was built in the 1820s on the footprint of an even earlier (1740s) log home. In the 19th century, the property was used as a tannery, taking advantage of the many nearby springs. The main house was approximately 2,500 sq.ft. and the site also included a number of outbuildings, some of which were integrated into the new



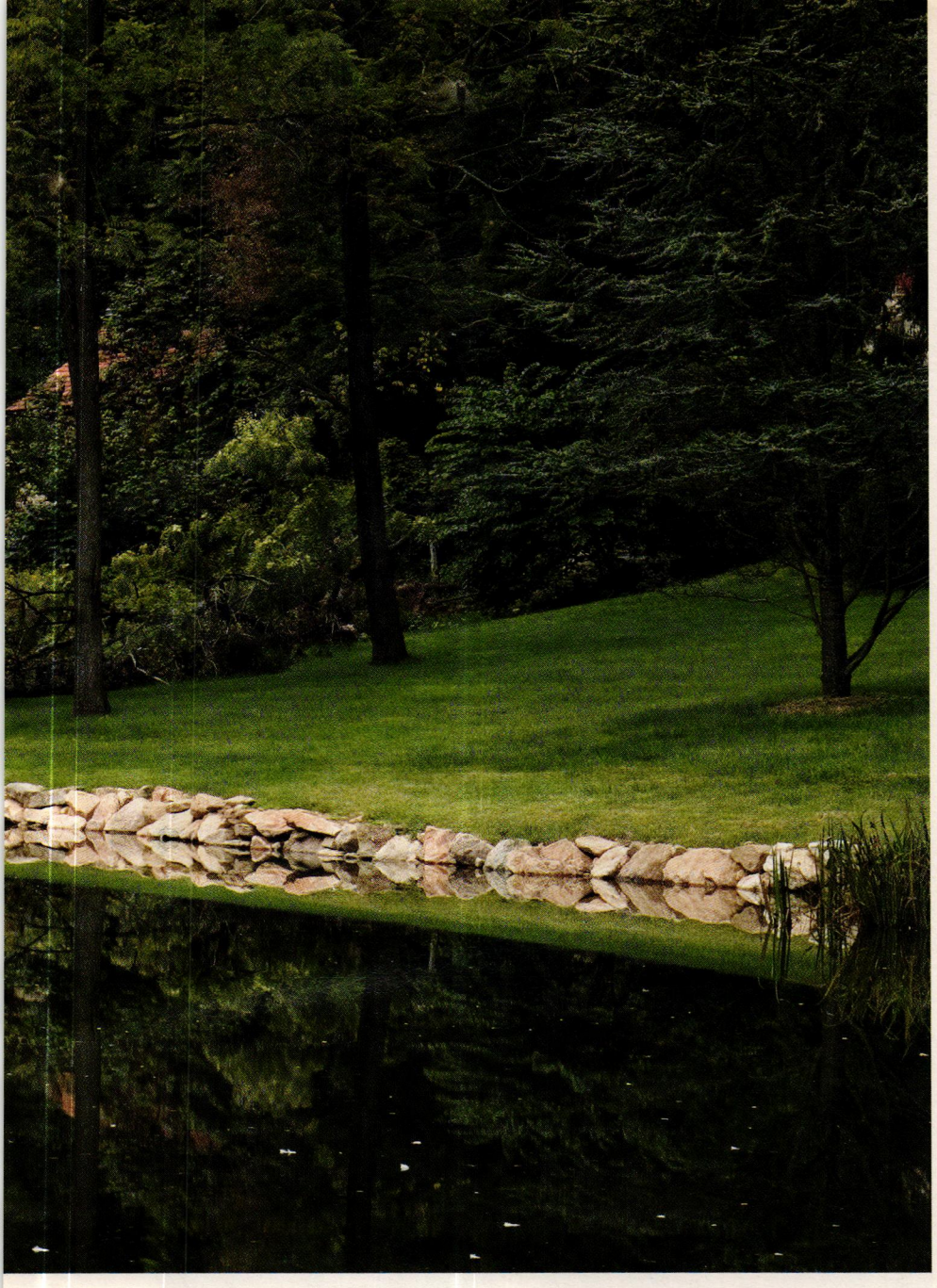
Second Floor Plan



First Floor Plan

Keeping the existing 1820s stone house as the centerpiece, Zimmerman and Toates added a kitchen, family room, family dining room, porch, butler's pantry, mudroom and library on the first floor (right) and two bathrooms, two dressing rooms and an office on the second floor (left). *Floor plans: courtesy of Peter Zimmerman Architects*

Top: Peter Zimmerman Architects restored and made additions to a 2,500-sq.ft. 19th-century stone house in Pennsylvania, creating a 5,000-sq.ft structure with a rich architectural story. *All photos: Tom Crane Photography*



home. The program called for the addition of a kitchen, family dining area, family room, first-floor library, butler's pantry, an open porch and an enclosed porch on the ground floor. On the upper level, a full bath and closet for the existing bedrooms were added, along with a complete new master suite. Ultimately the work doubled the size of the home to approximately 5,000 sq.ft.

The existing home, keeping room and summer kitchen were restored, as were some of the outbuildings. Several inappropriate contemporary modifications and additions were removed. The space above the keeping room became a home office and the attic was converted into a guest suite.

"Historically, there have always been multiple buildings on the site, such as the original smokehouse/summer kitchen, so there was a clear scale of volumes and vocabulary already established," says Zimmerman. "We broke the additions down into elements that allowed the original house to be the dominant feature. You can clearly see an architectural story of additions. The way these volumes have been connected illustrates each layer in the historical evolution of the home."

PZA started the process by creating a master site design that established a relationship between the main house, the outbuildings, the new driveway, garage and gardens to "embrace the historical evolution of the property while accommodating modern family requirements," says Zimmerman. "The house is situated between a road and a pond, and the driveway was in between the house and the pond. There are a number of springs on the property and across the street, so extensive excavation and dewatering of the site were required before any work could begin. Part of the dewatering system was ultimately incorporated into a functioning well in the kitchen garden. Early in the design process, we planned to re-route the driveway and approach to the far side of the pond and add a bridge across the pond, but this was not completed until recently because of regulatory issues. We carefully work with the challenges that a project presents to convert them from liabilities into opportunities."

"Another challenge was how to double the size of the house without having the additions overwhelm the original scale," says Toates. This was solved by keeping the existing home as the center of the enlarged structure and by linking some of the detached outbuildings to it. For example, the original keeping room became the new dining room and the original summer kitchen/smokehouse at the rear was linked to the existing structure by adding a porch that functions as a mudroom and potting area. Other additions flanking the existing home include the butler's pantry, the family dining room, the new stone kitchen and family room, a library and a rear porch.

The new additions are carefully detailed to reflect the historical evolution of the property. "We envisioned the connecting spaces as 'cartilage,' which respects the individuality of the buildings and also joins them together," says Toates.

"The overall massing," says Zimmerman, "allows the oldest portions to retain their integrity and the new additions to act as links between the landscape, outbuildings and spaces within the house."

In both new and restored areas, every effort was made to keep an authentic 19th-century appearance, with contemporary structures and conveniences kept out of sight. For example, a steel and engineered-lumber framework sandwiched between the kitchen ceiling and the antique flooring on the second floor allows the kitchen's appearance to be historically correct and provides the support needed for the second floor.

The roofing and walls in the family room are conventionally framed, with an antique roof sheathing and rafter system beneath the modern framing to ensure accurate historical detail. A flat-screen television is concealed in the cabinetry adjacent to the fireplace, behind doors that use antique hardware hinges. "They wanted the house to feel and seem like an

PZA connected the separation between the existing main house and the summer kitchen with the addition of a mudroom/potting room. The clapboard-sided library and rear porch were added to the west side of the house.

A restored pump is now the focal point of the kitchen garden on the east side of the house, toward the pond. The brick path leads directly into the summer kitchen; the new mudroom/potting area links the formerly detached summer kitchen to the formal dining room and the butler's pantry.

In the new potting room, Zimmerman and Toates incorporated an antique sink acquired by the clients during construction. The exterior stone walls of the keeping room were left exposed and the ceiling structure is antique with original blue paint.

19th-century house, but at the same time, they did not want to sacrifice the expected conveniences of modern life," says Toates.

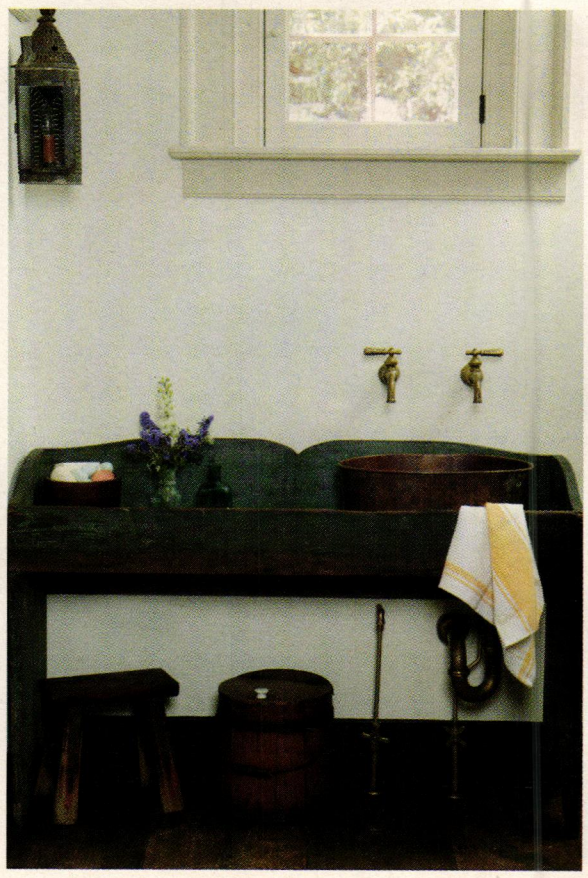
Another effort to maintain authenticity was the well in the kitchen garden. At an auction, the client found an historically significant pump handle and spout that is documented in the book *Early Domestic Architecture of Pennsylvania*. Separately, they also located an antique well headstone (signed and dated 1748) and a craftsman with the traditional skills who could construct the fully functional wooden pump body. The pump and well head were installed over the previously installed dewatering system, marrying historical elements with contemporary building techniques to re-create a working well that is now the focal point of the kitchen garden.

"Early in the design process the clients began collecting antique materials for the home," says Zimmerman. "By their own choice, each piece was required to be historically correct in its age and its place of origin, and they had to be installed in an historically correct manner." In some cases, this meant that the architects had to delay the final design of certain areas until the right door, sink or piece of hardware was found. In the potting room, for example, Toates and Zimmerman left a portion of the design unfinished until the clients found the stone sink they wanted. They then designed and constructed the potting table to work with it.

After beginning the design work in the early part of 2002, construction began in the fall of 2004 and was completed almost two years later in the spring of 2006. The family and the architects have created a home, not a museum, that honors the heritage of the site while providing for the needs of contemporary living. – *Martha McDonald*

Antique and historic materials used throughout the house conceal contemporary systems. The kitchen features historic beams in the ceiling, antique flooring and the pewter island top made in England was selected because it develops a patina that ages with the house.

In the family room, antique roof rafters, roof sheathing and flooring provide a period appearance.



An antique dry sink was converted into a working sink in the first-floor powder room. A handmade copper vessel serves as the sink basin and the antique brass fixtures are left exposed. An antique candle lantern was electrified and serves as the lighting for the bathroom.

GENEVE FIREPLACE MANTEL

Natural Stone Creations

Barbara Tattersfield, Inc.
W. Palm Beach, Florida
1.800.STONE.50
www.barbaratattersfield.com

Pietra Del Mar, Inc.
Newport Beach, California
1.866.920.0745
www.pietradelmar-ca.com

Hand-Carved Architectural Appointments in Natural Stone, Marble & Shellstone · Full Custom Design and Fabrication
Fireplace Mantels · Columns · Door Surrounds · Balustrading · Fountains · Kitchen Hoods · Garden Ornaments

WRITE IN NO. 1619

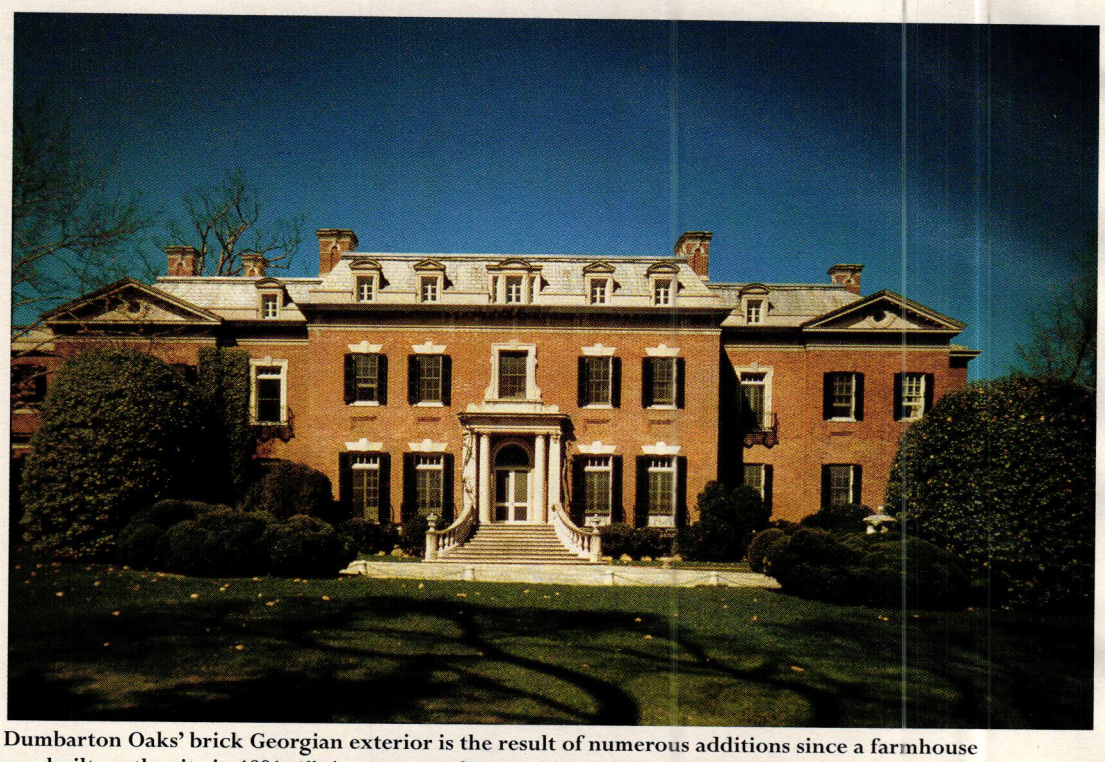
Order of Succession

A century's worth of great architects' work is rejuvenated in a Washington, DC, mansion-turned-museum

PROJECT: DUMBARTON OAKS RESEARCH LIBRARY AND COLLECTION, HARVARD UNIVERSITY, WASHINGTON, DC

ARCHITECTS: OEHRLEIN & ASSOCIATES ARCHITECTS, WASHINGTON, DC; VENTURI, SCOTT BROWN AND ASSOCIATES, PHILADELPHIA, PA

CONTRACTOR: WHITING-TURNER CONTRACTING CO., BALTIMORE, MD



Dumbarton Oaks' brick Georgian exterior is the result of numerous additions since a farmhouse was built on the site in 1801. *All photos: courtesy of Dumbarton Oaks Research Library and Collection*

Dumbarton Oaks has an impressive quantity of great designers' work per square inch. Trailing down a hillside in Washington, DC, the Harvard-owned mansion-turned-museum originated as a farmhouse in 1801 and has undergone a dozen expansions at the hands of celebrity architects and artisans. The roster so far for the 77,000-sq.ft. spread includes McKim, Mead & White, Armand Albert Rateau, Samuel Yellin, Allyn Cox, Philip Johnson and Robert Venturi.

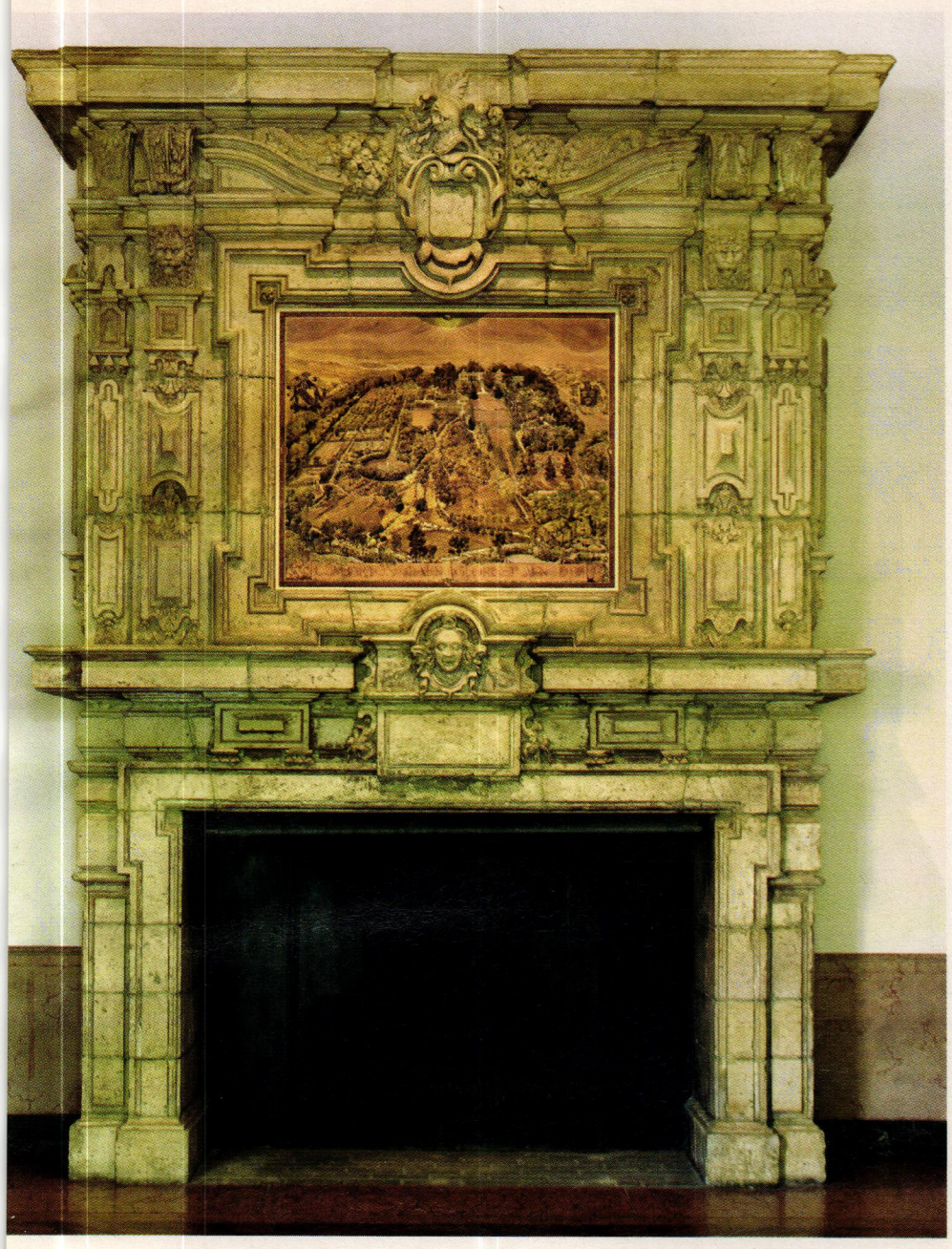
The wide spectrum of additions has never looked more cohesive and rational. Washington, DC-based Oehrlein & Associates and Venturi, Scott Brown have overseen a three-year restoration that entailed practically dismantling the house within its brick shell. During the reassembly, no mechanical or ADA-compliant route was left unimproved, and every surface was refinished.

"I'd warned the curators in advance how bad it would look in the thick of things before it got better, as if it could never be put back together again," says firm founder Mary Oehrlein. "But now the building makes sense. There's finally a logic to the flow."

The Georgetown property's most proactive past owners were Robert and Mildred Bliss. He was a diplomat, she was a patent-medicine heiress, and both obsessively collected art and antiques, including Pre-Columbian statuary, Byzantine icons, Old Master paintings, Renaissance tapestries and Gothic furniture. They bought the 53-acre site in 1920, although "the house had no particular charm," as Robert later put it. The couple named the estate after its oak groves and the Rock of Dumbarton (the Scottish birthplace of the neighborhood's Colonial-era owner). The Blisses brought in local architect Frederick H. Brooke – best known as the designer of Washington's colonnaded World War I memorial – to transform the existing Italianate into a brick Georgian.

Amid Brooke's pedimented doorways carved with acorns and oak leaves, Philadelphia master ironworker Samuel Yellin installed curlicue railings teeming with squirrels and birds. In the late 1920s, McKim, Mead & White partner Lawrence White further expanded the house, subcontracting murals of Classical ruins from Allyn Cox, who later became the

Tapestries and Old Master paintings hang in the 1920s Music Room beneath painted beams based on precedents at an armor gallery in a 17th-century French château.



The Music Room's 16th-century limestone fireplace was salvaged from a French château. The carvings frame an aerial view of Dumbarton Oaks; the scene is a new digital replica of an original watercolor that had suffered fading and water damage.

In a 1920s stairwell alongside the Music Room, Allyn Cox, who later became the U.S. Capitol's staff muralist, depicted Classical vistas and deities and trompe-l'oeil coffers and statuary.

U.S. Capitol's staff muralist. White commissioned woodwork from Parisian designer Armand Albert Rateau, who ran couturier Jeanne Lanvin's interior design department and specialized in historically flavored yet slightly surreal décor. Rateau lined the Blisses' walls and ceilings with gilded faux-bamboo strips, pilasters shaped like palm trees, mirrored shutters, and scroll-work-painted beams based on 17th-century French precedents. "No other interiors by Rateau survive in America, and very few survive anywhere," explains James Carder, the house's curator and archivist.

In 1940, the Blisses turned over the house, its contents, and lush terraced gardens designed by Beatrix Farrand to Harvard, Robert's alma mater. While keeping the rooms furnished much as the Blisses intended, and letting the public stroll the grounds, Harvard added galleries and reading rooms and converted servant quarters into offices for researchers (mainly in Pre-Columbian, Byzantine and landscape studies). In 1963, Philip Johnson created Pre-Columbian galleries with curved glass walls and cylindrical limestone columns. In 2005, the Venturi firm added a library in their signature patterned brick. The main house, meanwhile, was maintained but never deeply rethought.

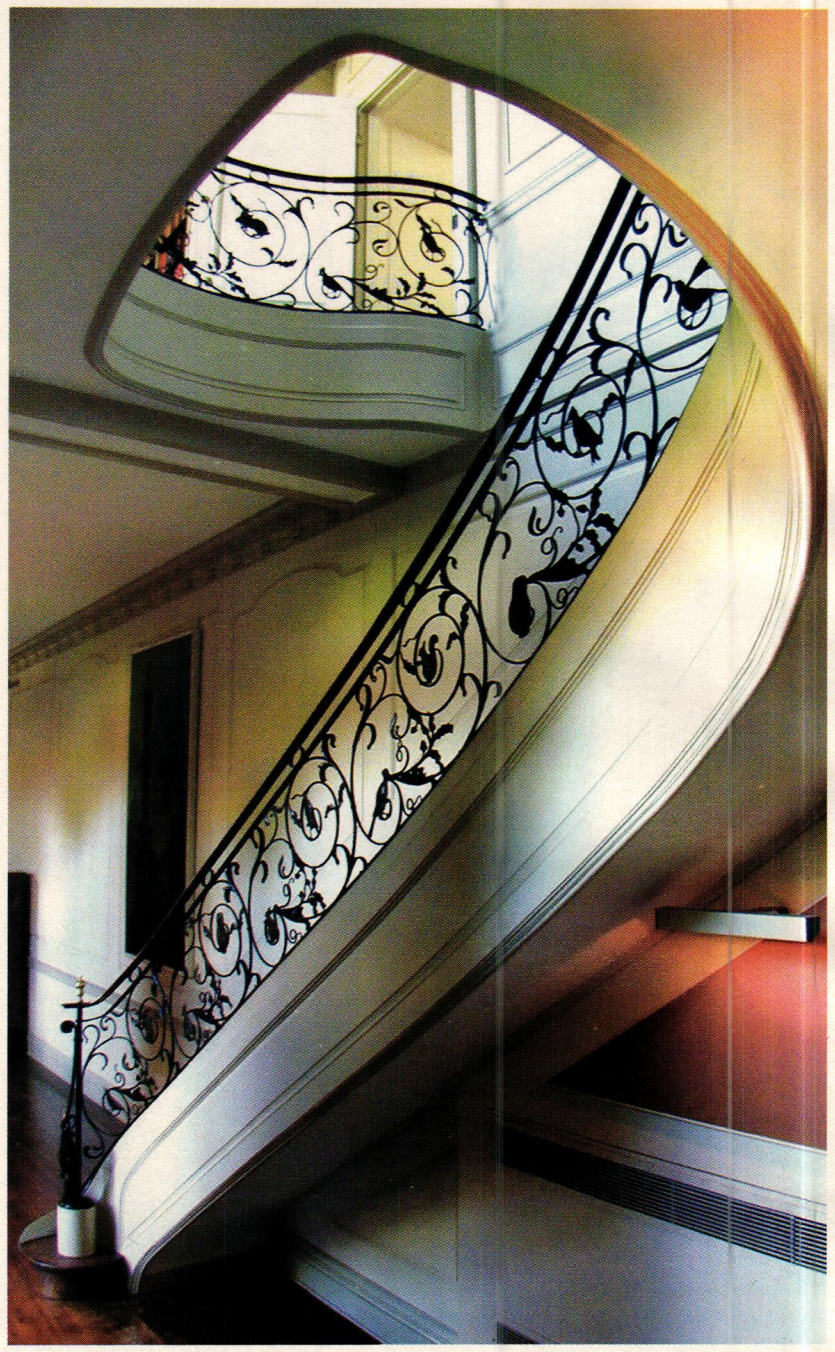
"There were some relatively new mechanicals when we started, and some from the 1920s and everything in between," Oehrlein recalls. One tiny Bliss-era elevator and a temporary ramp near the entrance were the only ADA concessions. Offices and storage spaces were cramped, climate control and fire-suppression systems were spotty and visitors' circulation routes unclear. Masterworks by Yellin, Rateau, Cox and White were at least grimy if not outright peeling and water damaged. And Johnson's glass walls, Carder adds, "weren't tempered and had no UV filtering. They were a hazard to people and objects, and there were vertically striped drapes always pulled across them, like in a motel."

Oehrlein and Venturi, Scott Brown have not only undone the deterioration and better protected the collections but also enlarged and streamlined the house without compromising the historic fabric. New offices and collection-storage areas – each with a different temperature and humidity, depending on the contents – have taken over a basement that used to contain "a nightmare of conduit," says Carder. One basement hallway's floor was lowered to create an ADA ramp, he adds: "The space had to be hand-excavated, we couldn't have brought in earthmovers. The crews filled pails of dirt and raised them on ropes, like monks building a cathedral foundation in 13th-century Europe."

On the upper floors, yet more offices have been carved out of former servant quarters and fitted with salvaged walnut and mahogany doors. In the ground-floor galleries, Carder says, "we reclaimed space for more exhibits wherever we could, and we created an open, inviting gift shop – we'd only had a very, very, very small, and I mean closet-sized, shop in a hallway." New elevators have been tucked behind the passageways' salvaged woodwork, and long-blocked doorways have been reopened to maximize sightlines. The house's airiest spot now is the Pre-Columbian wing; jade and gold objects seem to float in their plexiglass cases, text panels are translucent, no sprinklers mar the domed ceilings and no drapes cover the curved, laminated, UV-filtering windowpanes.

Thomas T. Waterman, a Washington, DC-based architect and historian, designed the Byzantine gallery in 1940.

Long-blocked doorways have been reopened in the galleries, restoring sightlines to the gardens.



Samuel Yellin, a Philadelphia-based master ironworker, created a 1920s stair railing teeming with squirrels and birds.

Carder was also able to dramatically brighten the Music Room, which Rateau and White had based on an armor gallery at a 17th-century French château and hung with Old Master and Renaissance paintings and tapestries. New York-based EverGreene Painting Studios has restored the ceiling's painted scrollwork and putti, which began to fail soon after installation. "There was a bizarre mixture of incompatible original materials," including gesso, clay, glaze, varnish and paints laced with fatty-acid soap," explains EverGreene founder Jeff Greene. After a new sprinkler system was threaded into the beams, EverGreene restorers heroically cleaned and saved some 60 percent of Rateau's paint and maintained his laboriously induced patina. According to EverGreene's condition report, Rateau had the beams "distressed by a random pattern of chips and splits carved with sharp knives and chisels."

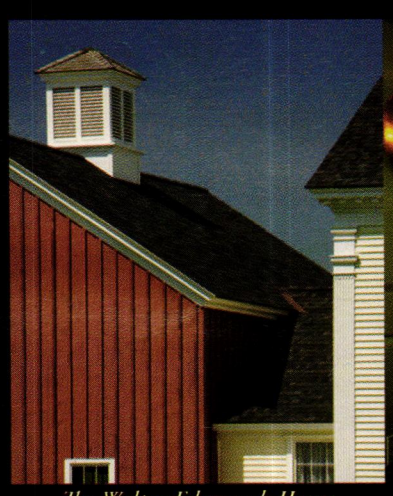
Other Rateau surfaces in the house required EverGreene's respectful approach: in the Blisses' dove-gray living room, the firm had to paint, partly scrape off the paint, then texture and glaze the walls. In a hallway and stairwell that Allyn Cox covered with Classical vistas and deities and trompe-l'oeil coffers and statuary, EverGreene stripped off varnish, recreated missing details and occasionally peeled off entire Cox canvas to eradicate mold lurking in the plaster.

Carder calls the house-wide transformation "astounding and pleasing," as well as a boost to attendance: "There'd been a lot of pent-up demand to get back into the museum." Its three-year closure, Oehrlein adds, "is not bad, considering the amount of work that had to be done. I had such a great time with the whole experience. It was a rare delight to focus on one building with such variety inside." – *Eve M. Kahn*

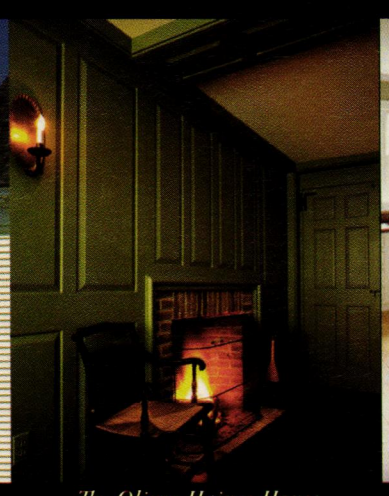
Philip Johnson designed the Pre-Columbian galleries in 1963. In the enfilade of domed spaces, new vitrines with clear bases and unobtrusive text panels allow for sweeping garden views.

Building the New Old Home since 1969

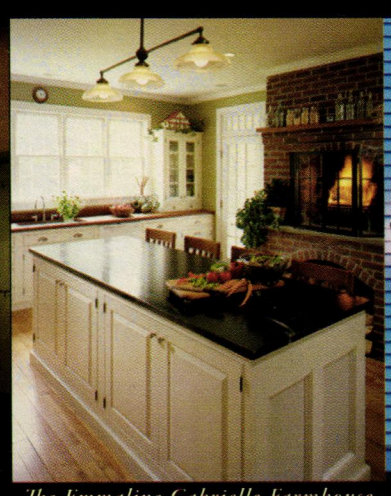
The Emmaline Gabrielle Farmhouse



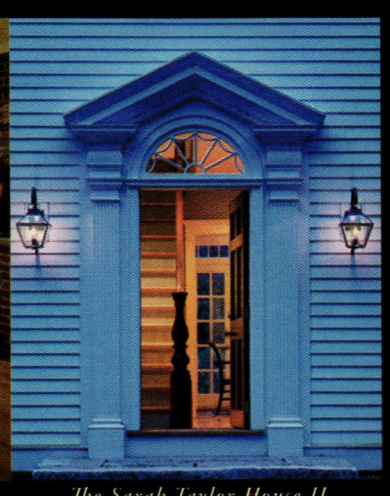
The Walter Edgecomb House



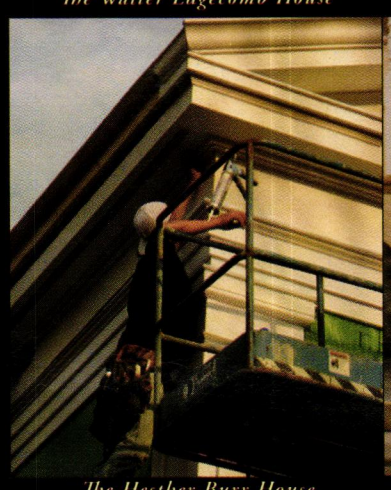
The Oliver Haines House



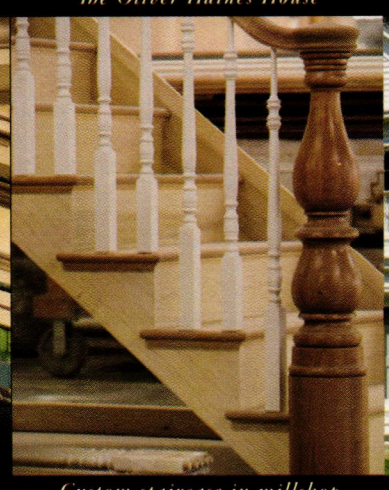
The Emmaline Gabrielle Farmhouse



The Sarah Taylor House II



The Hesther Burr House



Custom staircase in millshop

The Josephine Baldwin House

The Elizabeth Burgess House

Custom designed traditionally inspired architecture,
combined with a panelized package of
exquisite detail, delivered to your home site.

Main offices and factory:
1741 Route 7 South
Middlebury, VT 05753
(802) 382-9082

CONNOR HOMES

Sales Office:
3 Wirt Street NW
Leesburg, VA 20176
(703) 669-2720

www.connorbuilding.com

WRITE IN NO. 1614

Family Ties

A southern California firm that specializes in the Spanish Colonial Revival style updates an Arthur Kelly design.

PROJECT: ALTA CANYADA RESIDENCE, LA CAÑANDA FLINTRIDGE, CA

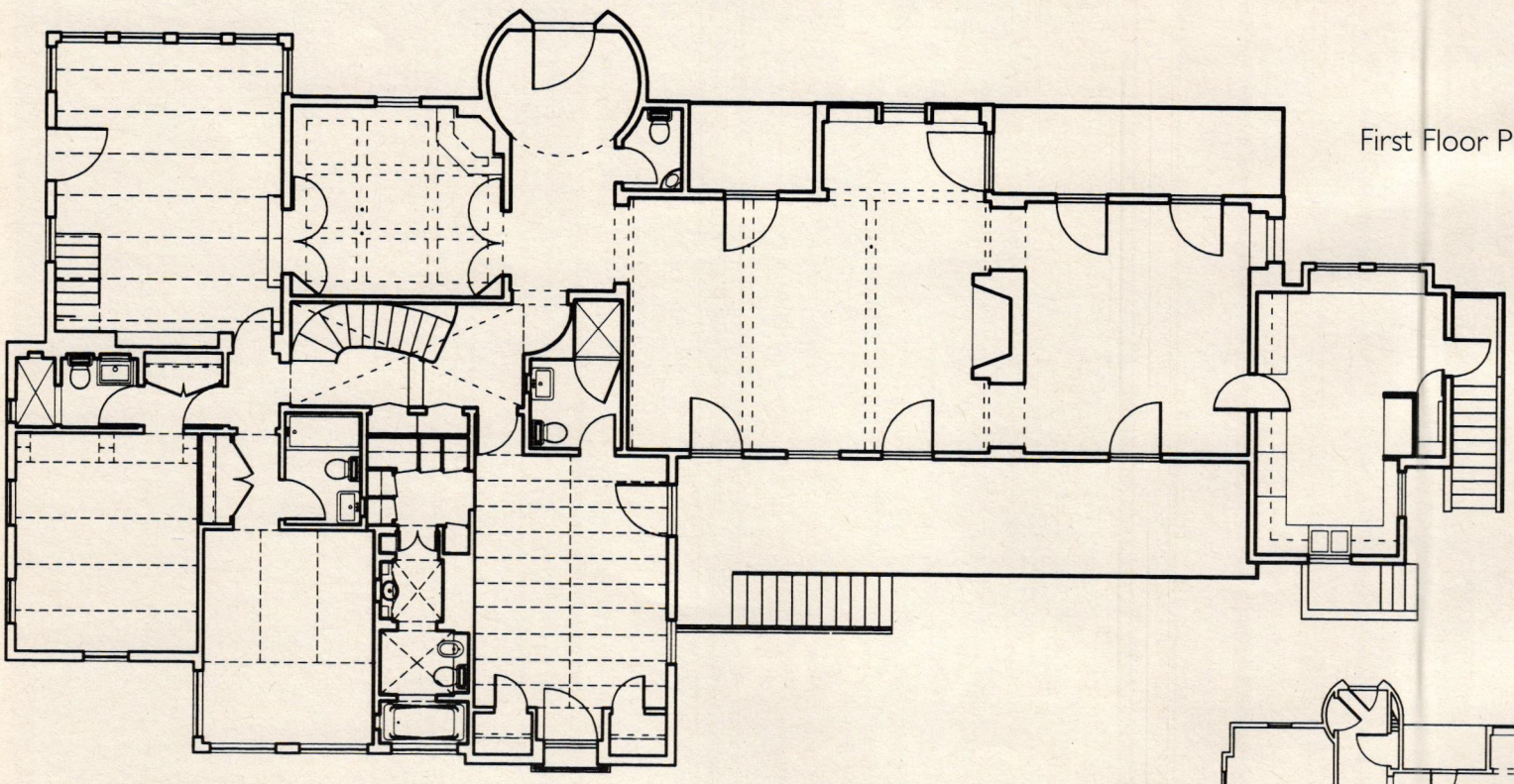
ARCHITECT: MICHAEL BURCH ARCHITECTS, LA CAÑADA FLINTRIDGE, CA; MICHAEL BURCH, PRINCIPAL; DIANE WILK, ARCHITECT

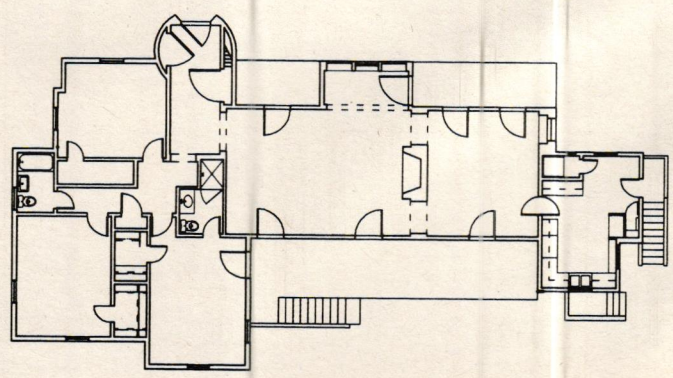
CONTRACTOR: JOHN CAIRE CONSTRUCTION, GLENDALE, CA

In the 1920s and '30s, renowned southern California architect Arthur Kelly designed hundreds of residences and buildings in and around Los Angeles. Kelly's project list includes the Westlake School for Girls, the Wilshire Country Club, the Christie Hotel in Hollywood, a Tudor style estate in Holmby Hills that would later become the Playboy Mansion, and his own home, a 2,200-sq.ft. Spanish Colonial Revival overlooking downtown Los Angeles, Catalina Island and the Pacific Ocean beyond.

Kelly's house was built in 1925 in Alta Canyada, a then-new subdivision with curving streets and large intersections in the foothills of the San Gabriel Mountains (Alta Canyada is now encompassed by the city of La Cañada Flintridge, about 15 miles north of downtown Los Angeles). The three-bedroom, two-bath frame and stucco structure rose on a sloping site with a tile roof above a one-story façade facing the street and a two-story façade at the rear.

In 1999, the house was purchased by Michael Burch and Diane Wilk, the husband-and-wife team that make up Michael Burch Architects. "It was what we like," says Burch. "It hadn't been touched, except for the kitchen, which had been redone in the '70s. So we remodeled the kitchen, added a pool in the backyard and added a powder room." Burch and Wilk were also trying to start a family, so they planned on a one-bedroom addition in the sideyard. Then one day Wilk called her husband from the doctor's office.

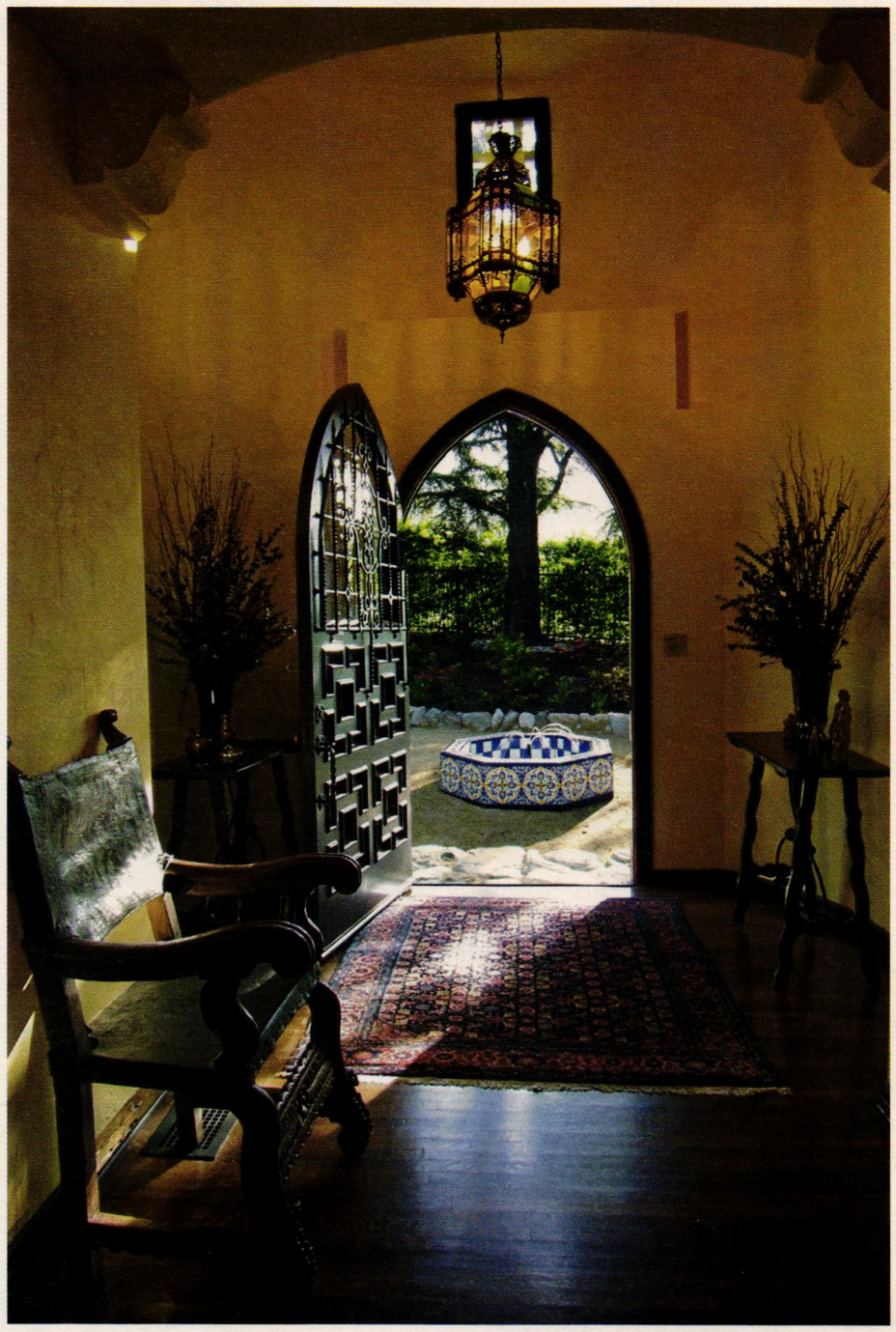




Above and right: The portion of the original house (inset) to the right of the entrance tower was renovated, while the portion to the left of the entrance tower was removed and rebuilt with three full floors. *Floor plan: courtesy of Michael Burch Architects*

Top: Originally designed by the renowned southern California architect Arthur Kelly in the 1920s as his own residence, this Spanish Colonial Revival house in the foothills overlooking Los Angeles, CA, was recently renovated and expanded by the husband and wife team of Michael Burch and Diane Wilk as their own residence. *Photo: ©2007 Hester + Hardaway, Photographers*

In the entry hall, which was originally a one-story rectangular space, the ceiling was opened up to create a rotunda; the floor, light fixture, door surround and corbels are all new. *Photo: courtesy of Michael Burch Architects*



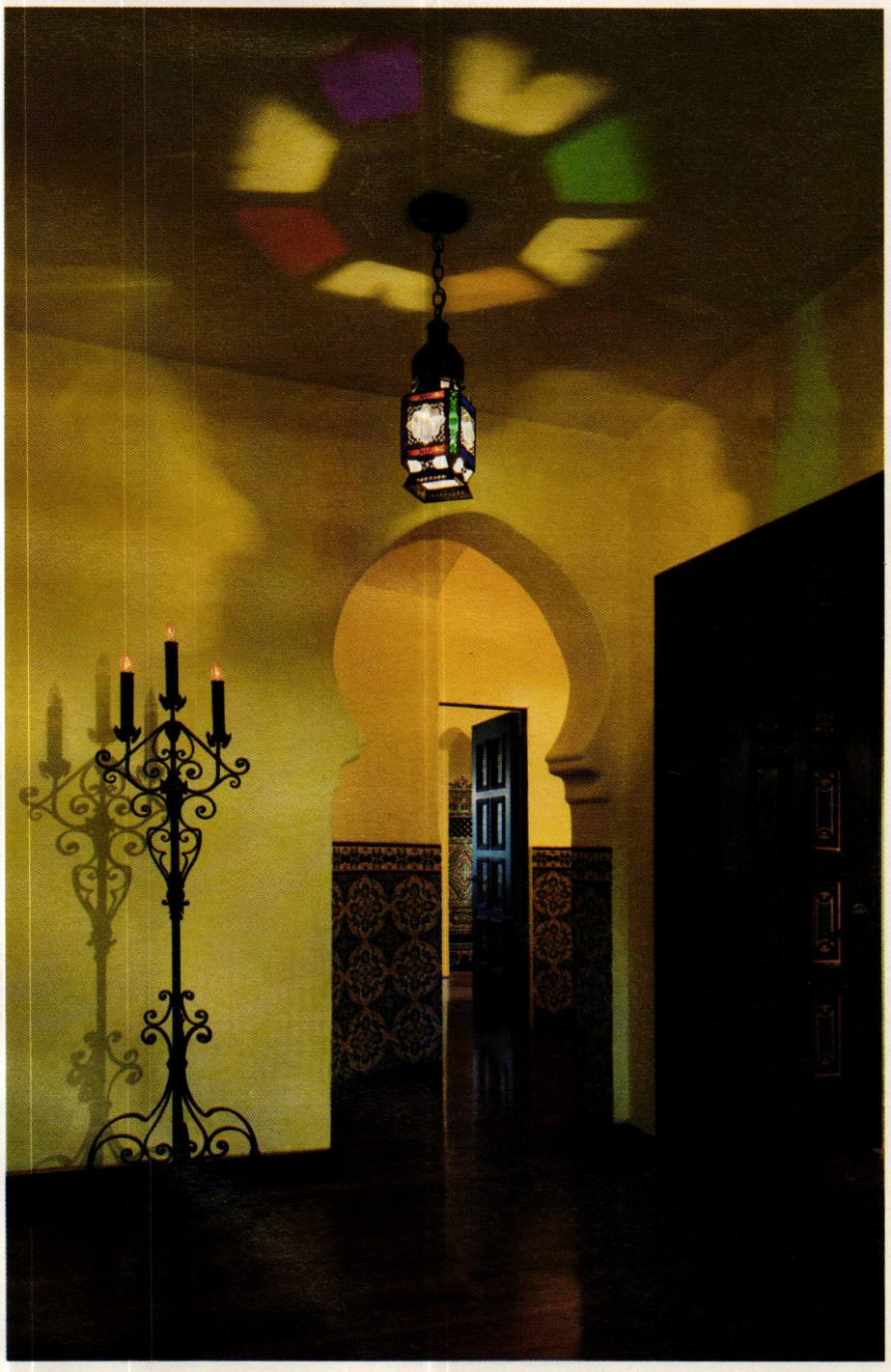
"'I have something to tell you – are you sitting down?'" he recalls her saying. "'We're not going to have twins, we're going to have triplets.' And I said, 'Just a minute, let me pull over and stop the car.' Our lives have never been the same since."

Nor has the house. In lieu of a simple one-bedroom addition, the architects removed one bedroom and bathroom, as well as a laundry room and the garage at the basement level, from the north side of the house. They then added two bedrooms, two bathrooms, a master-bath dressing area and a library on the first floor; a study/office on the second floor; and a family room with a bathroom and laundry room, as well as an adjoining three-bay garage, at the basement level. Because the existing basement had seven-ft. ceilings, an excavation lowered the floors to make room for the new family room and garage. As the house sits about 200 ft. from the Sierra Madre fault line, three steel moment frames were required. In total, 2,000 sq.ft. were added, nearly doubling the size of the original structure.

"The section is quite complicated," says Burch. "The spaces overlap and interlock and we have some spaces that have seven-ft. ceiling heights and the loft has a low ceiling, so it was a complex addition. Because we have a very nice street frontage – I think 160 ft. – I lined up the rooms en-suite – from the existing dining room through the existing living room, the entry hall, the study and the new library." With all the rooms on axis, it is possible to stand outside and look through the window of the new library all the way through to the window in the dining room at the opposite end of the house.

Although a second floor was added for the new study/office, Burch and Wilk were careful to retain the house's one-story appearance from the street. "The original house was one story with a laundry room below, and we now have a full three stories in the back," says Burch. "So it was quite a trick keeping the scale of the single-story massing from the street. It's very hard to add on to any house and not make it worse, but I think we actually made the house better."

As their own clients, Burch and Wilk didn't have to make some of the compromises, whether programmatic or budget-related, typical of many projects. "Fortunately," says Burch, "my wife and I have very similar tastes and outlooks when it comes to architecture. We didn't have to talk ourselves into spending money in the areas where it was really worth it." As such, the project included extensive use of Tunisian Tile (supplied by South Pasadena-based Mission Tile West), inlaid floor tile, stenciled doors and cabinets, and beamed and stenciled ceilings. The stenciling was done



The entry hall opens to the stair hall beyond through a keyhole arch and, through the stenciled doors to the right, the remodeled study. *Photo: ©2007 Hester + Hardaway, Photographers*

The view from new library looks through the remodeled study, the original living room and through a window at the far end of the original dining room. *Photo: courtesy of Michael Burch Architects*

The addition includes a second-floor office/study at the rear, carefully designed so as not to alter the house's one-story appearance from the street. *Photo: courtesy of Michael Burch Architects*

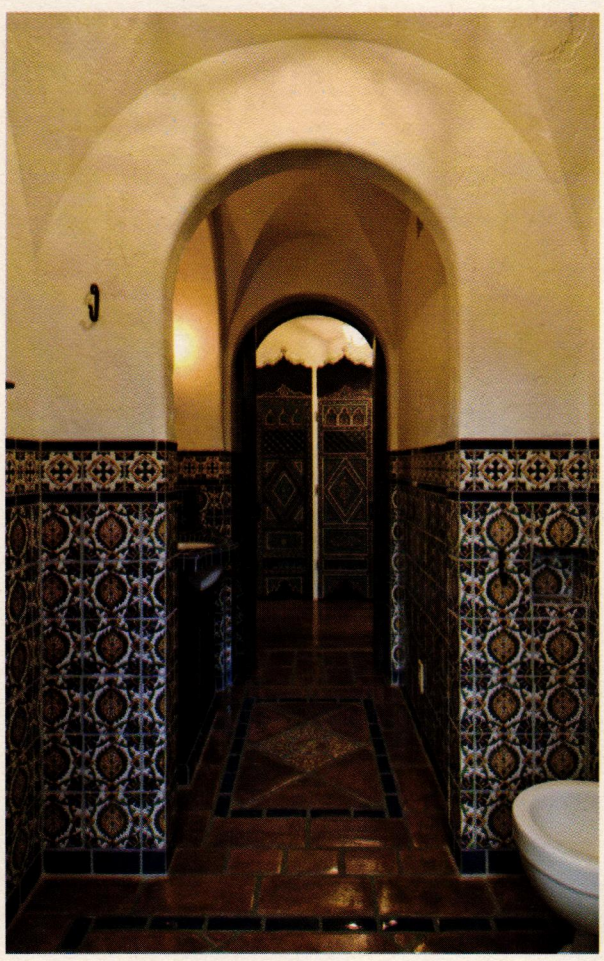
by Agnieszka Kaleta, who also works for the firm.

Burch notes that all new and existing elements were carefully matched. "Some people say we don't have the craftsmen anymore, and I don't understand that," he says. "We actually exceeded the craftsmanship of the original house with the tile work, the carving and the wrought-iron work. I don't understand the argument – I think it's sort of a red herring – that doing traditional architecture is inappropriate and is unfeasible because the craftspeople don't exist anymore. At least in the Spanish Colonial Revival style, it's just not true."

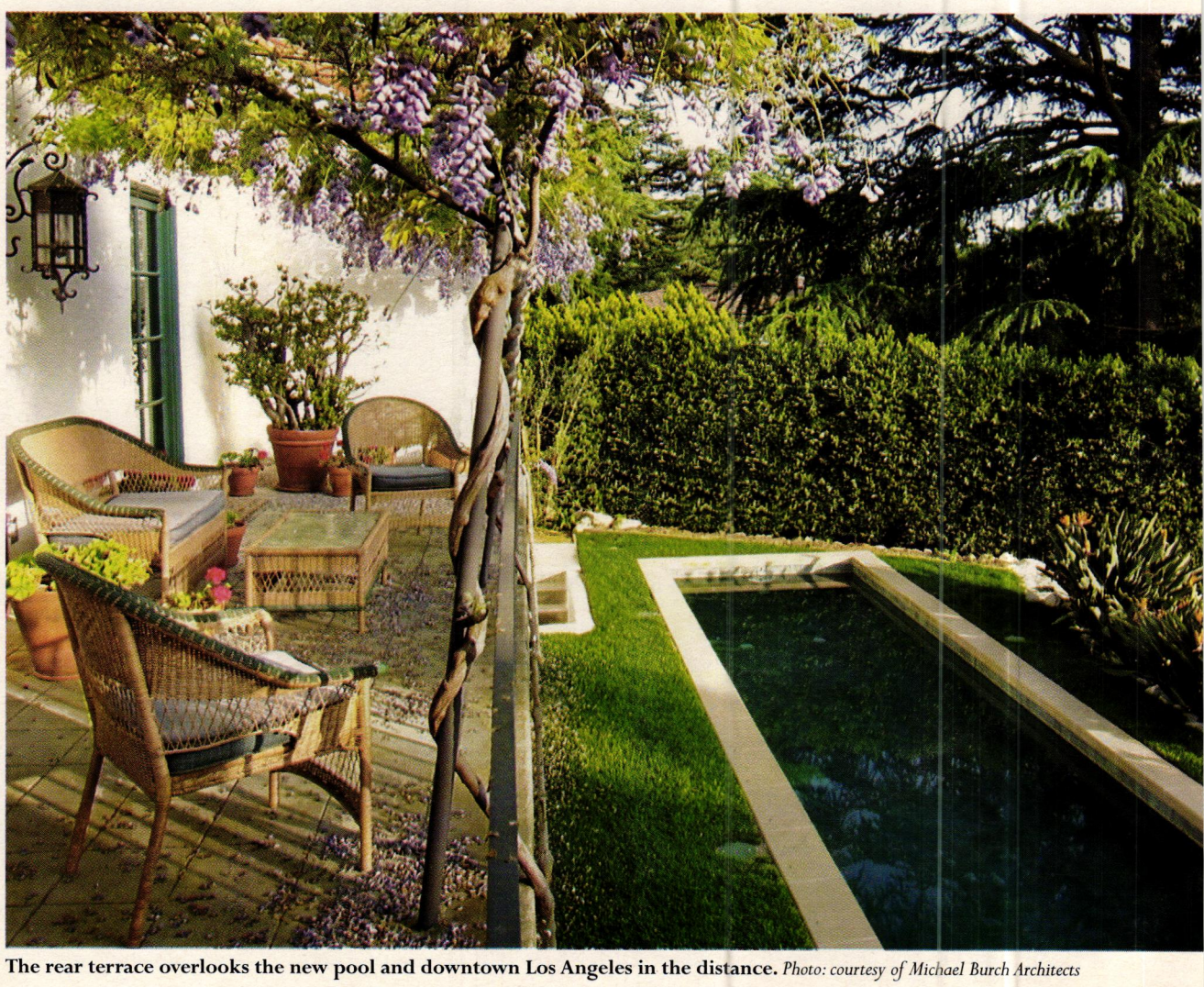
The connections between Burch and Kelly don't end with the Alta Canyada house: Kelly's Westlake School for Girls (now the Harvard-Westlake School)? Burch's grandfather was the contractor; Burch's grandfather's own home in the Hancock Park neighborhood of Los Angeles? Kelly designed it. "My father had these photographs of it – a beautiful Spanish style house – and I had always asked him who designed it, and he'd said that my grandfather did," says Burch. "What a surprise to find out 50 years later – living in Kelly's old house that I'd completely renovated and expanded – that Kelly had designed my grandfather's house. It was really pretty amazing."

The renovation of and addition to the Alta Canyada house was completed in 2006, and if actress Diane Keaton's reaction is any indication, Michael Burch Architects was successful in meeting its goals – to restore where possible, renovate as needed and add on as seamlessly as possible. "She was looking at a Paul Williams house across the street for her book *California Romantica*," says Burch. "She saw our house, we walked her thought it, and she said, 'You have to be in my book – this is a genius house.'" *–Will Holloway*

After an excavation to provide a full basement, a family room with a triple groin vaulted ceiling was added. *Photo: courtesy of Michael Burch Architects*



The new master bathroom with extensive Tunisian tile is separated from a closet and dressing area by hand-painted Moroccan wood screens. *Photo: ©2007 Hester + Hardaway, Photographers*



The rear terrace overlooks the new pool and downtown Los Angeles in the distance. *Photo: courtesy of Michael Burch Architects*

AZEK Building Products
› Fueled by Forward Thinking

› Introducing AZEK® Porch. The Ultimate Porch Plank.

Made with Procell® Technology, AZEK Porch is the first porch flooring to fulfill the promise of beauty and durability. Better than wood or composites, AZEK Porch is impervious to moisture, never needs painting, and resists scratching and staining. AZEK Porch is perfect for covered or uncovered applications.

For the look of a traditional porch with none of the hassles, ask about AZEK Porch.

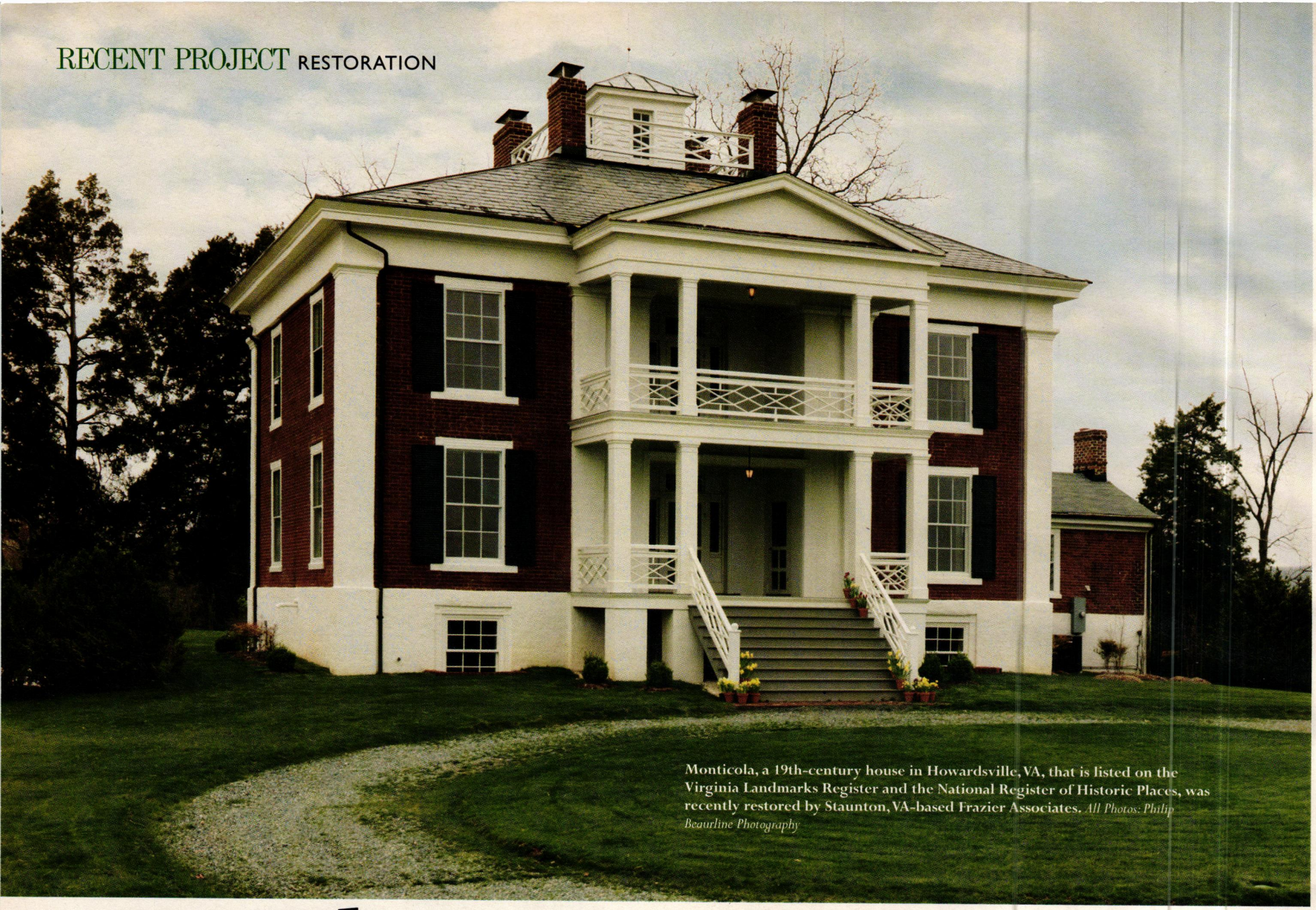
www.azek.com
(877)ASK-AZEK

AZEK® Porch

AZEK® Building Products | AZEK® Trim | AZEK® Deck | AZEK® Moulding | AZEK® Porch

© 2008 AZEK Building Products. All rights reserved.

WRITE IN NO. 338



Monticola, a 19th-century house in Howardsville, VA, that is listed on the Virginia Landmarks Register and the National Register of Historic Places, was recently restored by Staunton, VA-based Frazier Associates. *All Photos: Philip Beaurline Photography*

Plantation Revival

A 6,800-sq.ft. 19th-century Greek Revival house in Virginia is restored.

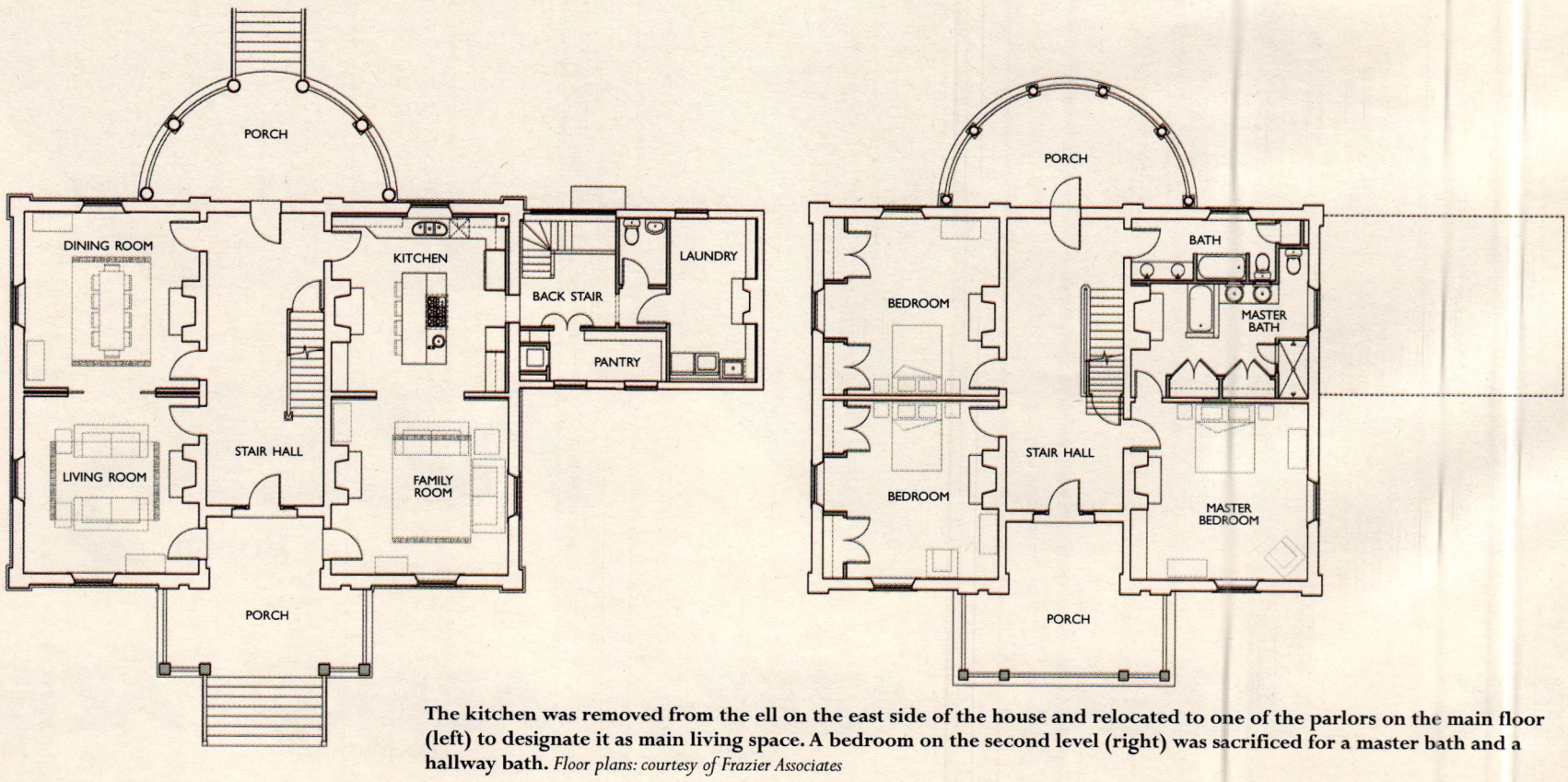
PROJECT: MONTICOLA, HOWARDSVILLE, VA

ARCHITECT: FRAZIER ASSOCIATES, STAUNTON, VA; CHRIS JENKINS, AIA, SENIOR ARCHITECT

CONTRACTOR: DUNTERRY, LLC, STAUNTON, VA

In 1852, Daniel J. Hartsook, a banker and merchant, purchased approximately 385 acres of land in Howardsville, VA. The following year he built Monticola, a 6,800-sq.ft. Greek Revival plantation home. An austere two-story red-brick structure over an English basement with a heavy cornice, white trim and large six-over-six windows, it was built on the highest point of the property, one mile away from the James River and north of Mount Alto. Hartsook and his family resided there during the Civil War – until March 6, 1865, when Union General Philip Sheridan and his cavalry raided Howardsville, destroying many of Hartsook's properties and businesses. The cavalry commandeered Monticola and likely used the house as a headquarters. After the war, Hartsook and his family moved to Richmond, where he rebuilt his fortune while maintaining Monticola as a summer retreat and working farm.

Following Hartsook's death in 1887, Monticola was purchased by Emil O. Nolting, a tobacco tycoon who made notable changes to the house. On the south façade, one level of the two-story porch was removed. The single-story columns were replaced with four slender two-story columns and the Chippendale railing on the lower level was replaced with simple wood balusters. A two-story, semi-circular porch was added to the rear elevation, the tin roof was stripped and slate tiles were installed along with a larger cupola. The detached kitchen, located on the lower level of a nearby two-story structure on the east side of the house, was connected to the house by a breezeway.



The kitchen was removed from the ell on the east side of the house and relocated to one of the parlors on the main floor (left) to designate it as main living space. A bedroom on the second level (right) was sacrificed for a master bath and a hallway bath. *Floor plans: courtesy of Frazier Associates*

The semi-circular rear porch located on the north side was transported from a hotel in Richmond, VA, in the late 1890s; its shape and different column styles made it a challenge to restore.

In 1940, the house was used as a set for the movie *Virginia*. To create a Hollywood image of a post-Civil War home, the wooden front porch was replaced with curved brick stairs (these were removed in the early 1970s). As a result, the columns on the front façade stood alone with a set of wooden steps leading up to the recessed entrance.

Despite attempts to restore and update it in the 1960s, Monticola fell into disrepair after Nolting's daughter sold it in 1955. However, Dunterry LLC, based in Staunton, VA, purchased the house in 2005 and approached Frazier Associates, also of Staunton, VA, with the goal of fully restoring the house using tax credits provided by the state. Chris Jenkins, AIA, senior architect at Frazier Associates, was required to follow the guidelines set by the Virginia Department of Historic Resources (VDHR). "From a planning standpoint, they are sticklers," he says. "If there was a mantel in a room and you need to create bathrooms in that space you'd need to keep that there. So you do have to work around those elements."

"If you had a window that could be salvaged, you had to salvage it; whereas if you're not doing a tax-credit project it's certainly easier to replace it with a modern unit," Jenkins continues. "The masonry in this project was much more delicate and required that we find a mason that used a lime-based mortar."

Jenkins added modern amenities and restored the house to reflect two different time periods – the early 1850s and late 1890s. Because the VDHR does not permit "false" historicism, it was imperative that the design be authentic. Fortunately, some useful resources were available: Monticola was listed on the Virginia Landmarks Register and the National Register of Historic Places (NRHP) as a "distinguished example of a Greek Revival antebellum plantation house along the James River," and K. Edward Lay's *The Architecture of Jefferson Country* featured a photo of the front porch, taken prior to Nolting's alterations in the late 1890s. "The picture of the front porch was a very important thing to find," says Jenkins. "The front porch desperately needed help, with the picture we made the case that we could restore it according to the historic period accurately."

As the front and the rear porches were built in different time periods, restoring them was a challenge. However, with the photo of the front porch at hand, Jenkins had a clearer idea of what to aim for. "The roof structure that was there was the roof of the original porch in the picture," says Jenkins, who was able to accurately rebuild the second level and place the one-story columns in the same location shown in the photo. "There were also some pieces that were taken from the old porch and reused in other spots," he says. The 198-sq.ft. porch now has a new painted pine floor with stucco brick piers and four Doric square columns with simple capital trim on each floor, and a Chippendale baluster and railing replaced the existing wooden ones.

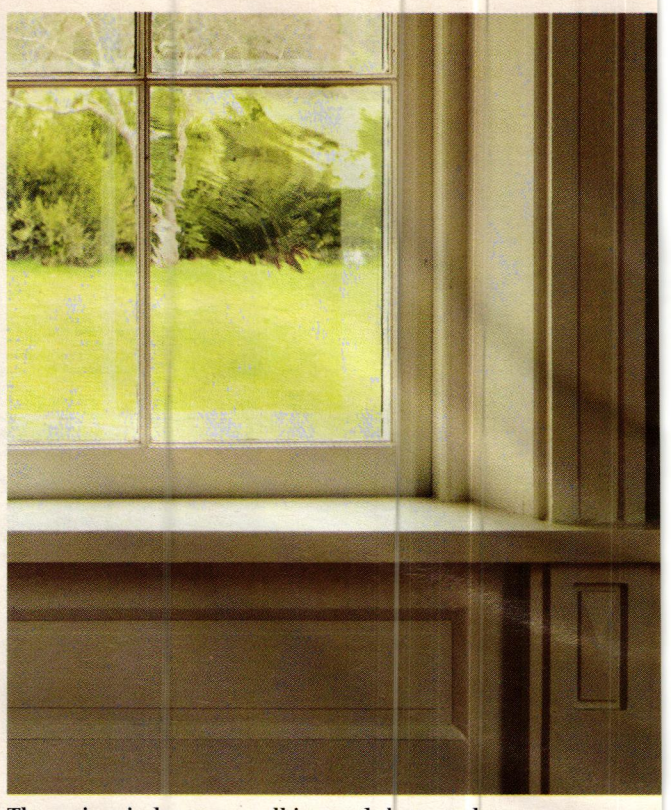
Nolting had transported the rear two-story porch from a hotel in Richmond, VA, that was also undergoing renovations. Not only was it of a later time period but it was also in the Colonial Revival Style. "The porch on the rear, being semi-circular, was really an unusual and difficult thing to restore," says Jenkins. "The pieces, being from a later date, were probably made in a mill; the columns were stocked mill pieces that were readily available during early Colonial Revival times. The one on the front would've been cut, planed and worked on site. They are really completely different porches."

Although the rear porch wasn't completely dilapidated, it was certainly the more challenging of the two for Jenkins to restore. "There were three or four columns that were beyond repair," he says, "so I spent a lot of time talking to manufacturers and getting dimensions. We needed something that was close without having to go a completely custom route." Jenkins found matching columns at Spartan Architectural Columns of Medford, OR. "They are only different with an inch here or there, but the design of the capitals and the shafts are pretty close," he says. "I'd be hard pressed to tell."

The English basement presented another major challenge. Its electrical, plumbing and HVAC all needed to be replaced, but Jenkins didn't want to sacrifice the ceiling height to conceal the units. "The biggest bulk of the design work was inserting new systems on the interior and getting a workable floor plan," he says. "When you only have a 7½-ft. English basement and you have to get ducts through it, you have to design ways to hide chases and soffits and still make the space usable." To do so, Jenkins designed two closets for the HVAC units, taking space away from some of the larger rooms in the basement. The ducts, chases and pipes were hidden behind new walls. "We spent a lot of time making sure the registers in the above rooms fell in places that wasn't going to interfere with furniture," he says.

The kitchen hood was strategically placed on axis between the fireplace and side entry to tie modern and historic elements together.

A 7-in. platform was removed to maintain the 11-ft. ceiling height in the bathrooms; the plumbing lines were hidden behind new walls.



The main windows were all in good shape and boasted handmade wavy glass; new storm windows were added.

Only parts of the basement had heart-pine floors with cement bases for moisture protection. "With these houses, they would lay wooded joists on the ground and then put a wooden floor on the top of that, but with that method it decays over time," says Jenkins. "We had one room that was still in that condition. We carefully removed the material, poured a slab in the area and then reused the flooring and supplemented with new or antique heart pine."

Jenkins decided to relocate the kitchen, which had been in the basement of the ell on the east side, to one of the main parlors on the first floor. Since the kitchen has become a primary gathering space for modern families, it occupies a room with the best view in the house. Jenkins rule with tying modern spaces to old homes is to "keep it simple and keep it really spare." Each room is on axis with the fireplace – located on the center of one wall – to the window at the center of the adjacent wall. Cabinets painted to match the trim throughout the first floor and new heart-pine counters visually tie-in with the existing antique floors.

The bathrooms were all unusable, but easily removed. During the 1970s, two had been added; instead of concealing the plumbing underneath the existing floor, the occupants built 7-in. platforms to hide the plumbing lines. This proved to be an advantage for Jenkins, as it was relatively easy to relocate the bathrooms to the second floor, where a 324-sq.ft. bedroom was split into a spacious master bath and a hallway bath.

Completed in the winter of 2007, Jenkins is satisfied with the outcome of Monticola's restoration process. "The principal rooms spoke for themselves," he says. "We just cleaned them up and repaired what was there. This was really a very smooth project." With its historical elegance restored, Monticola is now equipped to be much more than just a weekend retreat. – *Annabel Hsin*

The bad bricks on all the fireplaces were replaced using lime-based mortar. Antique heart-pine floors were refinished throughout.

ADD MORE TO FIVE, FOUR AND A DOOR

VINYL SIDING BUILDS IN BEAUTY.

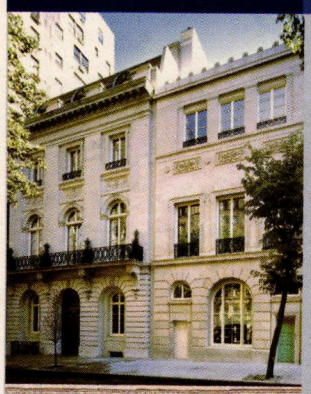
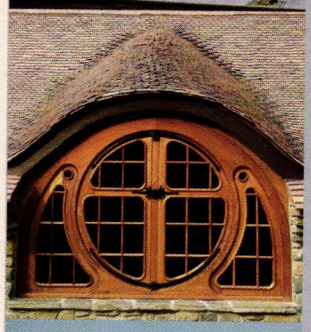
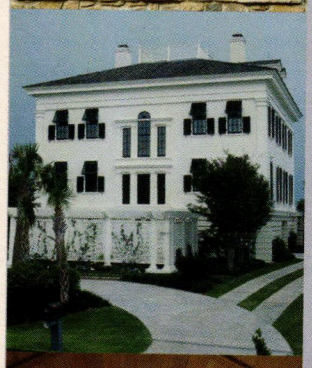
The strictly symmetrical Georgian style keeps design simple. Today's vinyl siding can keep it simply beautiful. The Georgian configuration of window rows and a centered entryway inspired architects to nickname it "five, four and a door." But vinyl siding, architectural trim and accessories can build in so much more. With a variety of clapboard profiles, authentic molding and other decorative touches. All engineered to last for decades, by George.

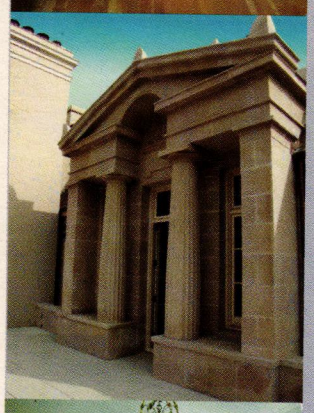
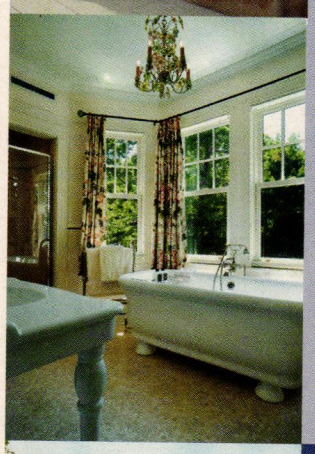
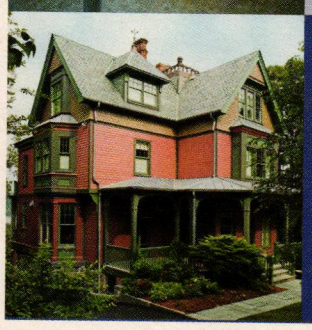
VINYL SIDING INSTITUTE
America Sides with Vinyl™

©2008 Vinyl Siding Institute, Inc.

Order your copy of the new *Designing Style* design guide at vinylsiding.org/design.

WRITE IN NO. 1615

Call for Entries
2009 PALLADIO AWARDS

Honoring excellence in traditional residential design

Co-produced by *Period Homes* and *Traditional Building*
and the Traditional Building Exhibition and Conference

Categories

Restoration & Renovation

Adaptive Reuse &/or Sympathetic Addition

New Design & Construction – less than 5,000 sq.ft.

New Design & Construction – more than 5,000 sq.ft.

Exterior Spaces: Gardens & Landscapes

Multi-Unit

Corresponding awards, sponsored by *Traditional Building* magazine, will also be made for commercial, institutional and public projects.

Judging Criteria

The Palladio Awards are named in honor of Andrea Palladio, the Renaissance architect who created modern architecture for his time while using models from the past for inspiration and guidance. The judges will be applying the same criteria that Palladio used in his own work: the projects should meet all the functional needs of contemporary usage, while applying lessons learned from previous generations to create beauty in the built environment.

Winners

If you are one of the winners of a Palladio Award for 2008, you will receive a Palladium – the cast-bronze trophy emblematic of the program, designed, sculpted and cast by the artisans at Historical Arts & Casting, Inc., West Jordan, UT – at the Traditional Building Exhibition and Conference. You will also have the opportunity to give an illustrated presentation of the project at the conference and the project will be published in the July 2008 issue of *Period Homes*.
Winning projects will also be highlighted for 12 months on the Palladio Awards website.

Deadlines & Entry Requirements

The deadline for receipt of the completed entry package is November 14, 2008.

For complete details on the awards program go to

www.palladioawards.com

BRIGHTER LIGHTS
BIGGER IDEAS

THE 2009 INTERNATIONAL BUILDERS' SHOW®

Celebrate 65 years of the biggest annual home building event on the planet! Prepare to be dazzled by the array of leading suppliers and manufacturers. Take advantage of exceptional education sessions and outstanding speakers and events. Register today!

JANUARY 20-23, 2009 | *Las Vegas* | BUILDERSSHOW.COM

THE INTERNATIONAL BUILDERS' SHOW

ON LINE.
ALL THE TIME.

Get the latest information for:

- Period authentic building products and suppliers
  –www.traditional-building.com & www.period-homes.com
- New product catalogs and product galleries
  –www.traditional-building.com & www.period-homes.com
- Chat rooms with experienced enthusiasts and professionals
  –www.traditional-building.com & www.period-homes.com
- Service providers: trades people, architects, artisans, consultants and other professionals in the traditional building marketplace
  –www.tradwebdirectory.com
- Special events and conference announcements
  –www.traditionalbuildingshow.com

On these targeted web sites:

www.traditional-building.com

www.period-homes.com

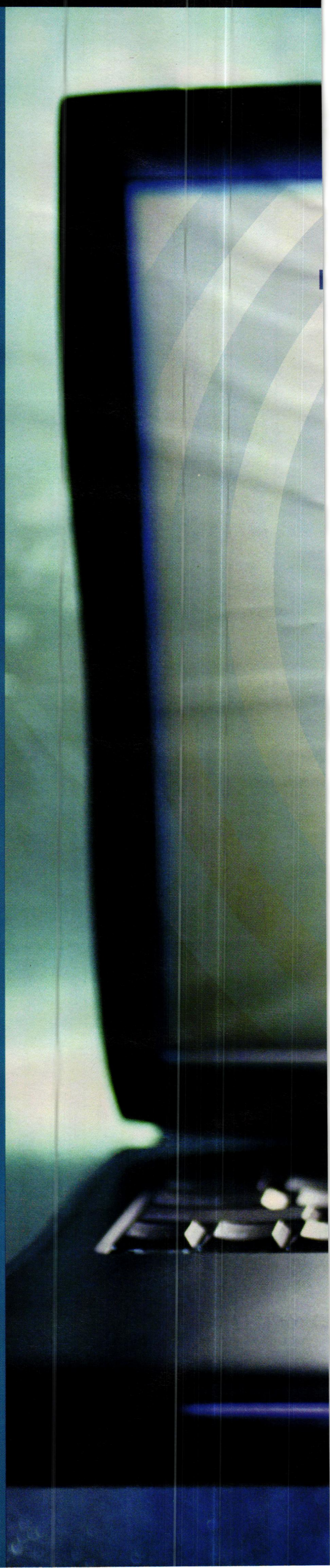
www.tradwebdirectory.com

www.traditionalbuildingshow.com

Save time. Zero in on the info you need for residential and non residential historic restoration, renovation and period inspired new construction.

RESTORE MEDIA, LLC

www.restoremedia.com

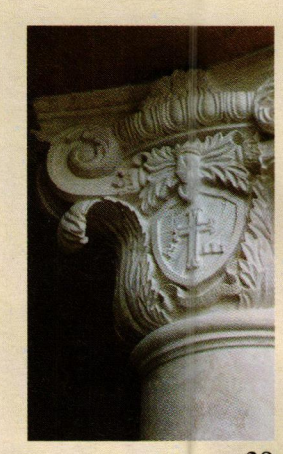


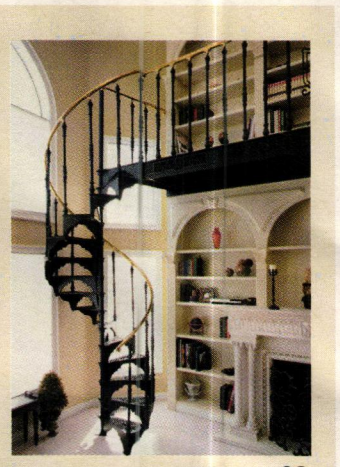
Clem Labine's
raditional Building
THE PROFESSIONAL'S RESOURCE FOR PUBLIC ARCHITECTURE
Clem Labine's
Period Homes
THE PROFESSIONAL'S RESOURCE FOR RESIDENTIAL ARCHITECTURE
tradweb
CUSTOM BUILDING & RESTORATION SERVICES

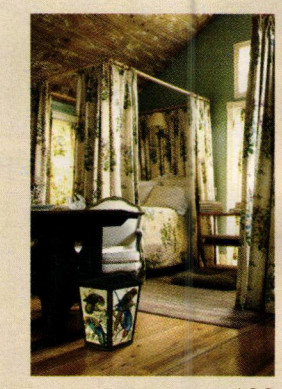
The Buying Guides

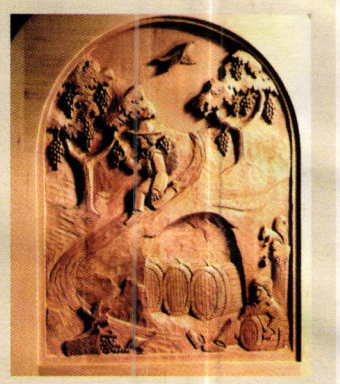
Restoring the Period Home

Artwork, Art Glass & Furnishings 36
Columns & Capitals 38
Conservatories & Outbuildings 43
Doors, Windows, Shutters & Hardware . .47
Exterior Elements, Ornament & Finishes . .63
Flooring 67
Interior Elements, Ornament & Finishes . .70
Landscape & Garden Specialties 73
Lighting & Electrical 76
Mantels, Fireplaces & Chimneys 86
Metalwork 89
Plumbing, Bath & Heating 95
Roofing & Roof Specialties 98
Salvaged Materials & Antiques 102
Stone Brick & Masonry 103
Timber Framing & Barns 104
Woodwork 106


38


89


102


106

Advertiser Index

This index lists the page number for the company's ad (right) as well as the reader service number (left). With the latter number you can order product literature from the company by filling out the postcard opposite this page or by going online to www.period-homes.com and clicking on "Free Product Literature." You may order product literature for an entire Buying Guide by using the reader service number at its heading.

9777 Artwork, Art Glass & Furnishings

Reader service number . . . . . .Page number
2520. Gaby's Shoppe 37

9778. Columns & Capitals

1580. Chadsworth Columns – Polystone 2, 41
180. Chadsworth Columns – Wood 2, 41
8210. Fagan Design & Fabrication, Inc. 42
1461. Fypon 42
806. Goodwin Associates 42
195. Pacific Columns 39
1619. Pietra Del Mar 17

9779 Conservatories & Outbuildings

1870. Glass House, LLC 46
6860. Oak Leaf Conservatories of York 44
378. Renaissance Conservatories 43
8270. Tanglewood Conservatories, Ltd. 45

9780 Doors, Windows, Shutters & Hardware

97. Al Bar-Wilmette Platers 56, 58
690. Allied Window, Inc. 54
1670. Architectural Resource Center 62
1177. Atlantic Premium Shutters 57
2930. Ball & Ball Hardware 77
2390. Cityproof Windows 58
9600. Coppa Woodworking 58
6980. Craftsmen Hardware Co. 60
432. Crown City Hardware Co. 49
2260. E.R. Butler & Co. 115
298. Erik Wyckoff Artworks 61
1910. Grabill Windows & Doors 58
343. Guerin, P.E. 51

Reader service number . . . . . .Page number
1618. Hamilton Sinkler 61
3570. Historic Doors 62
339. House of Antique Hardware 56
909. Innerglass Window Systems 58
1240. James Peters & Son, Inc. 58
* Kayne & Son Custom Hardware, Inc. 60
196. Kingsland Co. Shutters 56
1608. Kolbe & Kolbe Millwork Co., Inc 55, 60
7600. Maguire Iron Corp. 56
1611. Marvin Windows and Doors 53
3003. Parrett Windows 61
6001. Phelps Company 60
3590. Seekircher Steel Window Repair Corp. 56
5005. Shuttercraft, Inc. 61
576. Signature Hardware 58
* The Nanz Company 59
7120. The Wood Factory 61
8410. Wm. J. Rigby Co. 62
8430. Woodstone Co. 62

9782 Exterior Elements, Ornament & Finishes

338. AZEK Building Products, Inc. 25, 64, 66
5008. Architectural Products by Outwater, LLC . . .5
5470. Color People, The 66
1614. Connor Homes 21, 64
1615. Vinyl Siding Institute 29

9783 Flooring

172. American Restoration Tile, Inc. 68
1424. Antique & Vintage Woods Of America 69
3950. Brandt, Sylvan 69
2744. Carlson's Barnwood Co. 68

Reader service number . . . . . .Page number
8780. Chestnut Specialists, Inc. 69
7480. Country Road Associates, Ltd. 68
1261. Lumber Liquidators, Inc. 68
1593. Rawles-Aden Building Products, Inc. . . .40, 68
1442. What It's Worth, Inc. 69

9784 Interior Elements, Ornament & Finishes

1131. Carreaux du Nord 71
190. Chelsea Decorative Metal 72
210. Decorators Supply Corp. 71

9785 Landscape & Garden Specialties

1452. Gladding, McBean – Garden Pottery 116
1454. Gladding, McBean – Flooring & Landscape Paving 116
4020. Haddonstone (USA), Ltd. 75

9786 Lighting & Electrical

2240. AAMSCO Lighting 83
60. Authentic Designs 81
7660. Ball & Ball Lighting 77
166. Bevolo Gas & Electric Lights 85
371. Classic Accents, Inc. 83
* Coppersmythe, Josiah R. 85
1128. Crenshaw Lighting 83
2767. Dahlhaus Lighting 81
809. Deep Landing Workshop 81
1231. Heritage Lanterns 83
8068. Old California Lantern Co. 85
2664. Olde Mill Lighting Ltd. 82
7630. Rejuvenation 81
1342. Remains Lighting 79
1837. The Period Arts Fan Co. 82

9787 Mantels, Fireplaces & Chimneys

1277. English Antique Imports 87
1379. Jack Arnold - European Copper 87
1623. North American Stone Company 87
5940. ProTech Systems/Ventinox 87

** Call for more information*

Use the red number to order product literature for an entire Buying Guide

9788 Metalwork

Reader service number . . . . . *Page number*

2220. Architectural Grille 91
264. D.J.A. Imports, Ltd. 91
2640. Fine Architectural Metalsmiths 94
4780. Goddard Spiral Stairs 93
1879. Heat Registers.com 92
1210. Historical Arts & Casting, Inc. 92
270. King Architectural Metals 93
5340. Liberty Ornamental Products 94
3051. New Star Brass & Bronze 93
1218. Schwartz's Forge & Metalworks, Inc. 92
470. Steptoe & Wife Antiques, Ltd. 94
5810. The Reggio Register Co., Inc. 91
941. The Wagner Companies 93
1223. Wiemann Ironworks 94

9789 Plumbing, Bath & Heating

* Bathroom Machineries, DEA 95
6060. Monarch Products Co. 95
1464. Unico System, Inc. 95, 97

9791 Roofing & Roof Specialties

Reader service number . . . . . *Page number*

1280. Classic Gutter Systems, LLC 101
588. EJMcopper Inc. 101
6010. Gladding, McBean – Architectural Terra Cotta 116
1453. Gladding, McBean – Roof Tile 116
8300. NIKO Contracting 101
1264. New Concept Louvers Inc. 101
* Northern Roof Tile Sales Co. 101
832. Park City Rain Gutter 101
1493. Snoblox-Snojax, Inc. 99
4570. Tile Roofs, Inc. 101

9792 Salvaged Materials & Antiques

* Good Time Stove Co. 102

9793 Stone, Brick & Masonry

3130. Old Carolina Brick 103
1058. Trow and Holden Co., Inc. 103

9794 Timber Framing & Barns

Reader service number . . . . . *Page number*

521. Bear Creek Lumber 105
259. Hochstetler Milling 105
663. Hugh Lofting Timber Framing, Inc. 105
1233. Liberty Head Post & Beam 105
927. Vermont Timber Works, Inc. 105

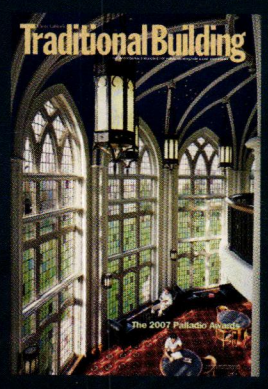
9796 Woodwork

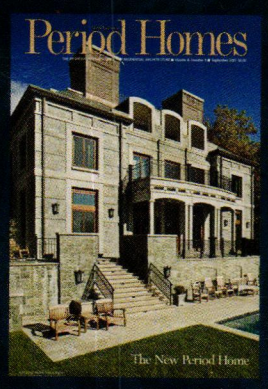
7380. Klitsas, Dimitrios - Fine Wood Sculptor . . .109
1613. Stairsmiths 109
138. Superior Moulding, Inc. 108
1061. Vintage Woodworks 109
1099. White River Hardwoods-Woodworks 107

* *Call for more information*

Use the red number to order product literature for an entire Buying Guide

Restoring the Past. Building the Future.





TRADITIONAL BUILDING
EXHIBITION AND CONFERENCE

tradweb
CUSTOM BUILDING & RESTORATION SERVICES

Restore Media LLC is the only publisher and conference producer dedicated to the traditional building market. The company's magazines, conferences, trade shows, websites and directories serve the information needs of architects, builders, developers, building owners, facilities managers, government agencies, interior designers, landscape architects, suppliers, preservationists, town planners, artisans, trades people and old house enthusiasts who work passionately to renovate and restore historic buildings or build new ones in a traditional style.

The traditional building market has emerged into a recognized and firmly established segment of the residential and commercial construction industry with more than $170 billion in construction volume. From grass roots movements in America's historic neighborhoods to a government mandated National Historic Preservation Act, Americans have a heightened appreciation for our architectural heritage and are spending money to preserve and improve it.

Americans continue their love affair with traditional style architecture and traditional towns. An increasing number of new residential and non-residential buildings are designed to look historic. Whether a new old house built to fit into an existing neighborhood, a sympathetic addition to a 19th century courthouse or a traditional neighborhood development, these are buildings that call upon our architectural heritage, create a sense of place and make people feel good.

These buildings, the professionals and enthusiasts who design, build, renovate or restore them, and the products that go into them are the subject of Restore Media's magazine, conference, trade show, website and directory content.

RESTORE MEDIA, LLC

www.restoremedia.com

Artwork, Art Glass & Furnishings

Go to www.period-homes.com to order product literature, and click on "Free Product Literature" or fill out the card at page 34. To order literature from all of the companies listed here, enter No. 9777.

Al Bar-Wilmette Platers
866-823-8404; Fax: 847-251-0281
www.albarwilmette.com
Wilmette, IL 60091

Custom fabricator & restorer of door, window & furniture hardware & lighting: cleans, polishes, plates, repairs & lacquers; all finishes; salvaged hardware; duplication services.
Write in No. 97

Ball & Ball Hardware
610-363-7330; Fax: 610-363-7639
www.ballandball.com
Exton, PA 19341

Manufacturer of furniture, cabinet, window, shutter & door hardware: brass, cast iron, bronze, wrought iron & steel; new reproduction & antique/reconditioned hardware; fireplace accessories; restoration services.
Write in No. 2930

Country Road Associates, Ltd.
845-677-6041; Fax: 845-677-6532
www.countryroadassociates.com
Millbrook, NY 12545

Supplier of 19th-century reclaimed flooring materials: white pine, hemlock, heart pine, white oak, chestnut & walnut; widths from 3-18 in.; hand-hewn beams & barn siding; cabinetry & farm tables.
Call for more information.

Country Road Associates remills and distributes 19th-century barn siding that can be used for flooring or specialty items such as this handcrafted mirror.

Craftsmen Hardware Co.
660-376-2481; Fax: 660-376-4076
www.craftsmenhardware.com
Marceline, MO 64658

Custom fabricator of Arts & Crafts-style lighting & copper hardware: chandeliers, sconces, lanterns & building-mounted fixtures; knobs, escutcheons, locksets, hinges, door knockers, doorbells, levers & drapery hardware; grilles.
Write in No. 6980

Craftsmen Hardware fabricates a complete line of Arts and Crafts-style hand-hammered copper furniture hardware.

Crown City Hardware Co.
626-794-1188; Fax: 626-794-1439
www.restoration.com
Pasadena, CA 91104

Supplier of hardware: glass knobs, bin pulls & door & window hardware; wrought iron/steel & brass; antique; Victorian & Arts & Crafts styles; switch plates & switches.
Write in No. 432

Colonial-style knobs from Crown City Hardware are available with polished or brushed finishes.

E.R. Butler & Co.
212-925-3565; Fax: 212-925-3305
www.erbutler.com
New York, NY 10012

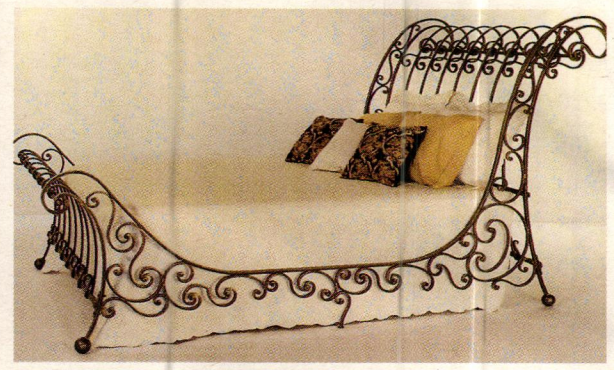
Manufacturer of Early American door, window & furniture hardware: 19th-century shell-shanked crystal, porcelain & wood trimmings; brass, bronze, nickel-silver & wrought iron; custom-plated & -patinated finishes; restoration work.
Write in No. 2260

English Antique Imports
828-963-4274; No fax
www.englishantiqueimports.com
Boone, NC 28607

Importer & distributor of architectural antiques: garden statuary, chimney pots, English butlers' sinks & garden seating.
Write in No. 1277

Gaby's Shoppe
800-299-4229; Fax: 214-748-7701
www.gabys.com
Dallas, TX 75207

Manufacturer of hand-forged wrought-iron drapery hardware & accessories: custom rods, finials, brackets & holdbacks; European metalworking skills; handcrafted & hand finished.
Write in No. 2520



Gaby's Shoppe custom manufactured this wrought-iron queen-sized bed, which measures 114x65 in.

Guerin, P.E.
212-243-5270; Fax: 212-727-2290
www.peguerin.com
New York, NY 10014

Manufacturer of handmade period hardware: furniture, door, window & builders' hardware; bathroom fixtures & accessories; tables & objets d'art; handcrafted interior lighting fixtures; since 1857; catalog $25.
Write in No. 343

Haddonstone (USA) Ltd.
719-948-4554; Fax: 719-948-4285
www.haddonstone.com
Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, balustrades, sculpture, columns, capitals, porticoes, cornices, weathervanes, molding, trim, molded panels & more; custom components.
Write in No. 4020

Andromeda, model #E640 from Haddonstone, is a replica of a 19th-century Italian white-marble statue.

House of Antique Hardware

888-223-2545; Fax: 503-233-1312
www.houseofantiquehardware.com
Portland, OR 97232

Supplier of door, window, cabinet, furniture, electrical & bath hardware: original antique & vintage reproductions; Federal, Victorian & Arts & Crafts styles; hardware specialists available to assist with renovation projects.
Write in No. 339

Kayne & Son Custom Hardware, Inc.

828-667-8868; Fax: 828-665-8303
www.customforgedhardware.com
Candler, NC 28715

Custom fabricator of door, barn, garage, gate, furniture, cabinet, shutter & window hardware: hand-forged steel, copper & bronze or cast bronze; repair, restoration & reproduction work; fireplace equipment; grilles; catalog $5.

This table was hand carved by Dimitrios Klitsas.

Klitsas, Dimitrios - Fine Wood Sculptor

413-566-5301; Fax: 413-566-5307
www.klitsas.com
Hampden, MA 01036

Custom sculptor & carver of wood architectural elements: interior & exterior; furniture in all period styles; capitals, mantels, moldings & specialty carvings.
Write in No. 7380

Maguire Iron Corp.

510-234-7569; Fax: 510-232-7519
www.maguireironcorporation.com
Sparks, NV 89432

Supplier of traditional hardware & lanterns: door, cabinet, window, shutter, furniture, gate & mailbox hardware; knobs & levers with compatible locks of various backsets & functions; wrought-iron, pewter, rust, brass & bronze finishes; custom work.
Write in No. 7600

Period-style furniture hardware, such as this hand-worked, oil-rubbed brass chest handle, is one of the specialties of Maguire Iron.

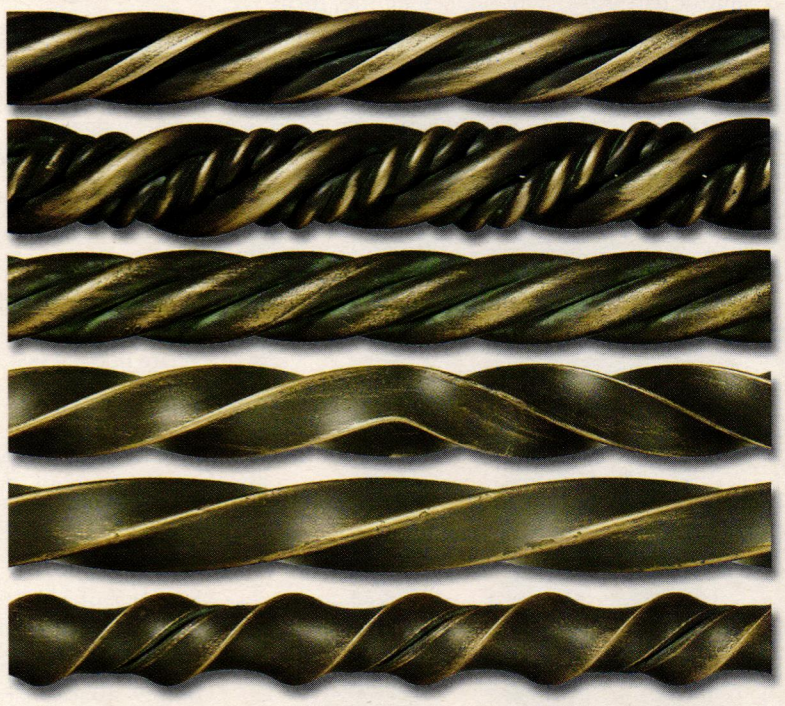
www.period-homes.com

The Residential Trade Show that Never Closes:

- More than 500 suppliers indexed
- More than 200 product brochures online
- Online articles
- Free product literature online
- 217 indexed product categories
- 26 online product reports & supplier lists

Gaby's Shoppe — Manufacturer of Fine Wrought Iron

Each order is hand tailored to your exact specifications.



■ Over 100 finial options ■ 35 rod styles and sizes ■
■ 30 standard finishes ■ Dozens of brackets and holdbacks ■
■ Angled and curved bay window rods ■

View the complete Gaby's Shoppe catalog online: www.gabys.com
1311 Dragon St. • Dallas, Texas 75207 • 1-800-299-4229

WRITE IN NO. 2520

When **contacting** companies you've seen in the issue, please **tell them** you saw their listing in **Period Homes.**

Columns & Capitals

Go to www.period-homes.com to order product literature, and click on "Free Product Literature" or fill out the card at page 34. To order literature from all of the companies listed here, enter No. 9778.

1.800.COLUMNS
800-265-8667; Fax: 910-763-3191
www.1800columns.com
Wilmington, NC 28401

Catalog distributor of architectural products: Chadsworth Columns, Hartmann-Sanders Authentic Architectural Columns, PolyStone Columns, PolyStone Balustrade Series & classic pergolas; millwork; job-site delivery & worldwide shipping.
Write in No. 1580 for PolyStone; 180 for wood

Architectural Products by Outwater, LLC
800-835-4400; Fax: 800-835-4403
www.outwater.com
Bogota, NJ 07603

Manufacturer of 65,000+ decorative building products: architectural moldings & millwork, columns & capitals, wrought-iron components, balustrading, door & shutter hardware, lighting, ceiling tile, furniture & cabinet components, carvings, arbors & more.
Write in No. 5008

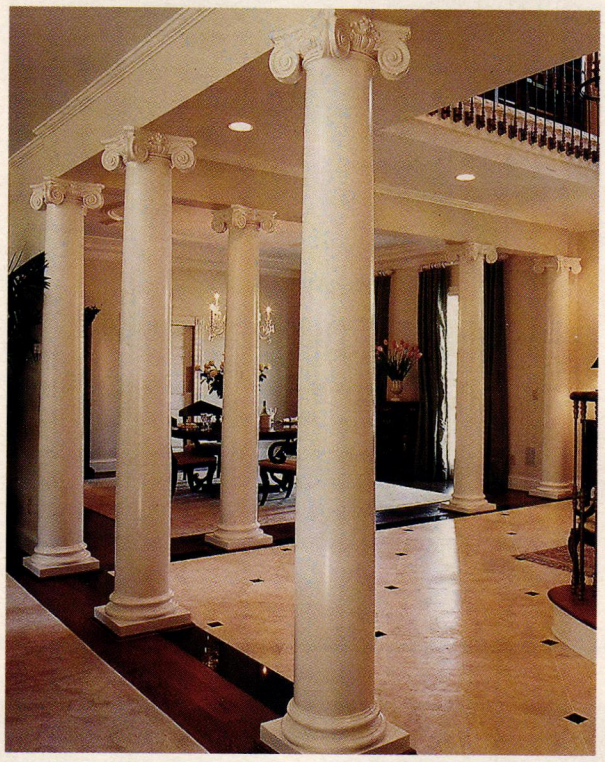
Fiberglass, aluminum, wood, plaster, PVC and polyurethane columns are available from Outwater in many traditional styles.

Brandt, Sylvan LLC
717-626-4520; Fax: 717-626-5867
www.sylvanbrandt.com
Lititz, PA 17543

Supplier of 18th- & 19th-century building materials salvaged from old houses & barns: columns, doors, mantels, sinks & bathtubs; antique & resawn flooring; antique heart pine, ancient oak, chestnut, white pine & hemlock; radiators; since 1960.
Write in No. 3950

Chadsworth Columns
800-486-2118; Fax: 910-763-3191
www.chadsworth.com
Wilmington, NC 28402

Manufacturer of authentically correct architectural columns: complete line of columns, piers, pilasters & posts; interior & exterior; variety of sizes, styles & materials; 4 different grade levels of wood columns; interior molded ornament; millwork.
Write in No. 1580 for PolyStone; 180 for wood



PolyStone columns with Scamozzi capitals and Ionic bases from Chadsworth enhance this entrance hall.

Columns.com
910-763-7600; Fax: 910-763-3191
www.columns.com
Wilmington, NC 28401

Internet distributor of architectural products: columns, pilasters, decorative capitals, moldings, millwork, balustrades & pergola kits; job-site delivery & worldwide shipping; quick-ship program available for some items.
Write in No. 1585

Decorators Supply Corp.
773-847-6300; Fax: 773-847-6357
www.decoratorssupply.com
Chicago, IL 60609

Supplier of 14,000 patterns for period architectural elements & molded ornament: cornices, columns, capitals, mantels, ornamental ceilings, niches, domes, brackets & corbels; plaster of Paris, wood & compo; since 1893.
Write in No. 210

Historically styled capitals and brackets are available in traditional plaster and compo in a wide range of styles from Decorators Supply.

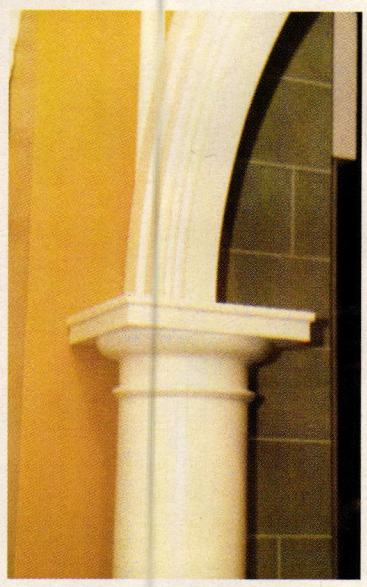
Fagan Design & Fabrication, Inc.
203-937-1874; Fax: 203-937-7321
www.fagancolumns.net
West Haven, CT 06516

Manufacturer of custom wood columns, cylinders, rope twists, large turnings, octagons & pilasters: Classical order; load bearing & ornamental; replication for restoration; stain grade in any species.
Write in No. 8210

Fagan Design & Fabrication manufactured these Roman Doric columns with Attic bases.

Fypon
800-537-5349; Fax: 419-445-4440
www.fypon.com
Archbold, OH 43502

Manufacturer of more than 4,000 molded architectural elements: window features, balustrades, turnings, ceilings, brackets, vents & more; high-density polymer & other polymers; load-bearing polymer/steel columns with 12-in. maximum dia.
Write in No. 1461



This column and decorative arch are part of Fypon's Biltmore Collection.

Goodwin Associates
585-248-3320; Fax: 585-387-0153
www.goodwinassociates.com
Rochester, NY 14618

Supplier of interior & exterior architectural building products: columns, capitals, balustrade systems, moldings, domes, medallions, metal ceilings & more; polyurethane, wood & fiberglass; stock & custom.
Write in No. 806

This custom-carved mahogany capital from Goodwin Associates tops a marble column.

Endura-Craft™ Columns

• DURABLE • MAINTENANCE FREE • E-Z INSTALLATION

PACIFIC COLUMNS INC

COLUMNS | BALUSTRADES | RAILINGS | SHUTTERS

505 W. LAMBERT ROAD, BREA CA 92821 WWW.PACIFICCOLUMNS.COM

(800) 294 1098
CALL NOW
TO ORDER

the architecturaldepot.com
THE DO-IT-YOURSELFER SUPERSTORE

CALL NOW! 888-573-3768

Ceilings & Walls | Door & Window | Patio & Garden | Interior Decor | Outdoor | Most Popular

www.AchitecturalDepot.com

New Customers
Save 10%
By Ordering Online!

Coupon Code: **PER1108ME**

We carry a complete line of fine architectural products for both your interior and exterior project needs. Products like, shutters, ceiling medallions, wood carvings, gable vents, and much more. 1,000's of architectural products at everyday low prices. Order now and save an additional 10%.

Shop Now!

AchitecturalDepot.com

Lowest Price 100% Guaranteed

GET the BEST PRICES on fine **ARCHITECTURAL** products. **GUARANTEED**

WRITE IN NO. 195

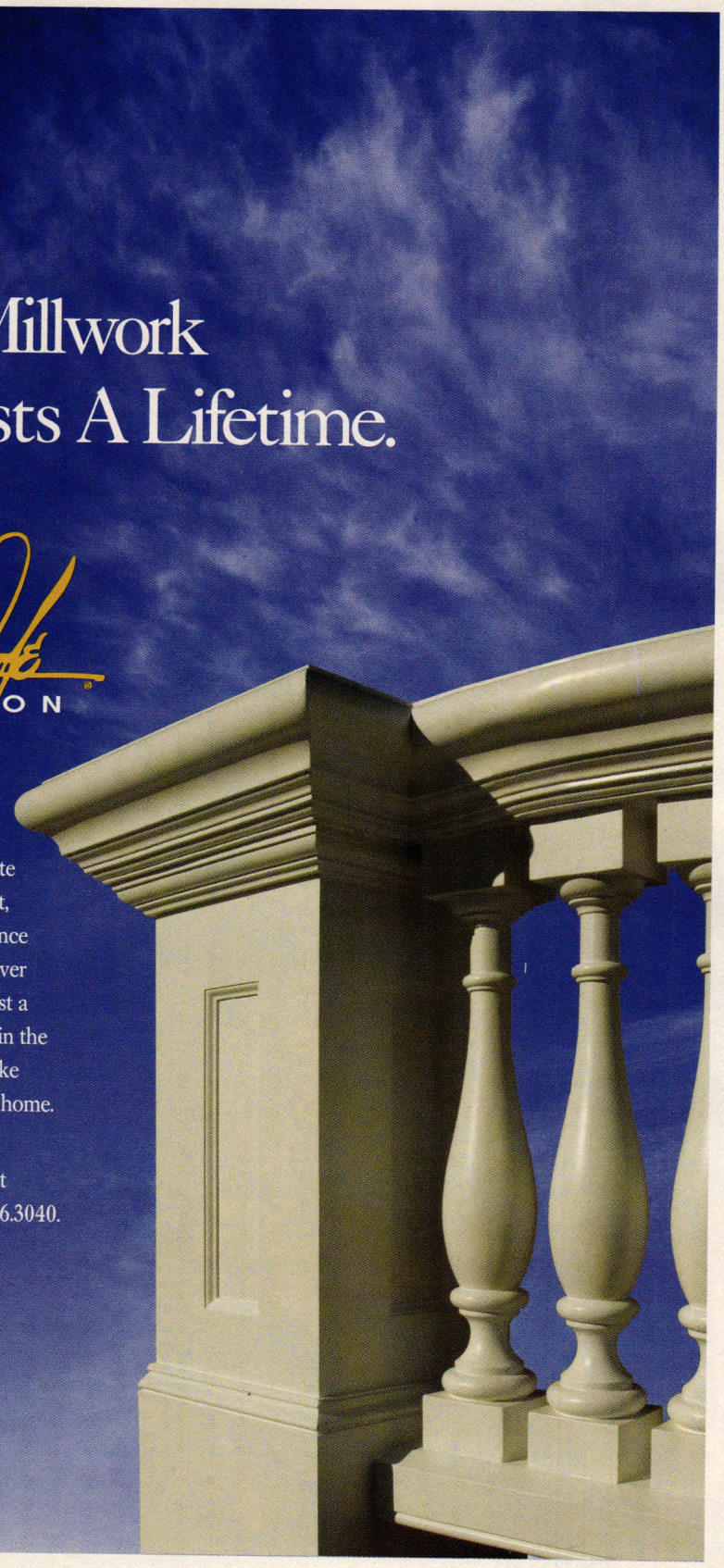
Classic Millwork That Lasts A Lifetime.

William E. Poole COLLECTION

There is nothing quite like the timeless beauty of classic design. And when it comes to millwork and trim, none is quite like Fypon. Historically correct, lightweight and low-maintenance moulded millwork that will never chip, flake or decay and will last a lifetime. But the real beauty is in the rich, authentic details that make Fypon the best choice for your home.

To a find a dealer near you visit www.fypon.com or call 800.446.3040.

FYPON
The Right Stuff.™



WRITE IN NO. 1461

FAGAN DESIGN

A complete line of architectural columns and turnings. Our columns can be based on your designs — or the traditional orders of architecture.

Large or small, our columns and turnings surpass the toughest architectural standards, and we use only the finest materials and advanced methods of construction. Further, we offer:

- Porch Posts • Capitals
- Carvings • Fluting & spiral rope twists
- Other large turnings (Diameters to 12ft.; Lengths to 36 ft.)

Fagan Design & Fabrication, Inc.
44 Railroad Ave., Dept. PH, West Haven, CT 06516
Phone: (203) 937-1874 Fax: (203) 937-7321
www.fagancolumns.net

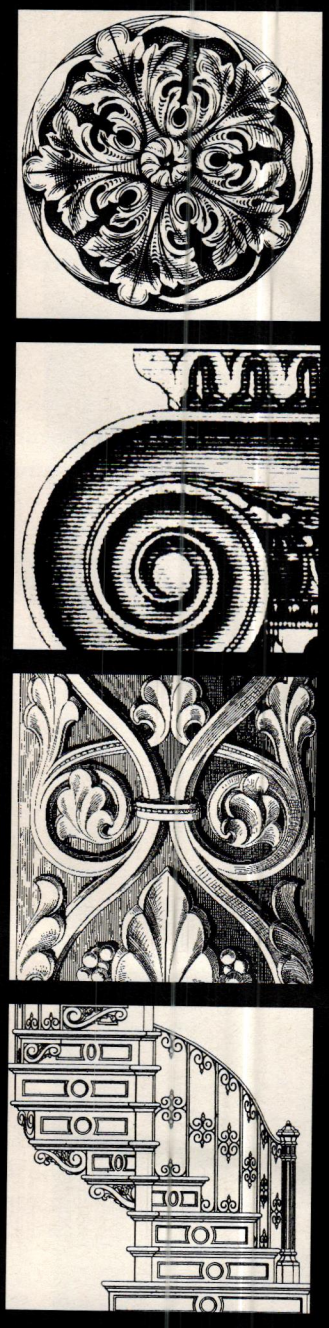
WRITE IN NO. 8210

GOODWIN ASSOCIATES
(585) 248-3320

COLUMNS
CAPITALS, BASES
PILASTERS, PEDIMENTS
ARCHES, MEDALLIONS
CORBELS, BRACKETS
NICHES, DOMES, CROWN
FRIEZES, CASING
BALUSTRADES
CUSTOM

www.goodwinassociates.com • Fax: (585) 387-0153

WRITE IN NO. 806



Surf *the* Industry

Online data & links for more than 452 suppliers of products & services for restoration, renovation and historically inspired new construction for residential projects.

www.period-homes.com

Conservatories & Outbuildings

Go to www.period-homes.com to order product literature, and click on "Free Product Literature" or fill out the card at page 34. To order literature from all of the companies listed here, enter No. 9779.

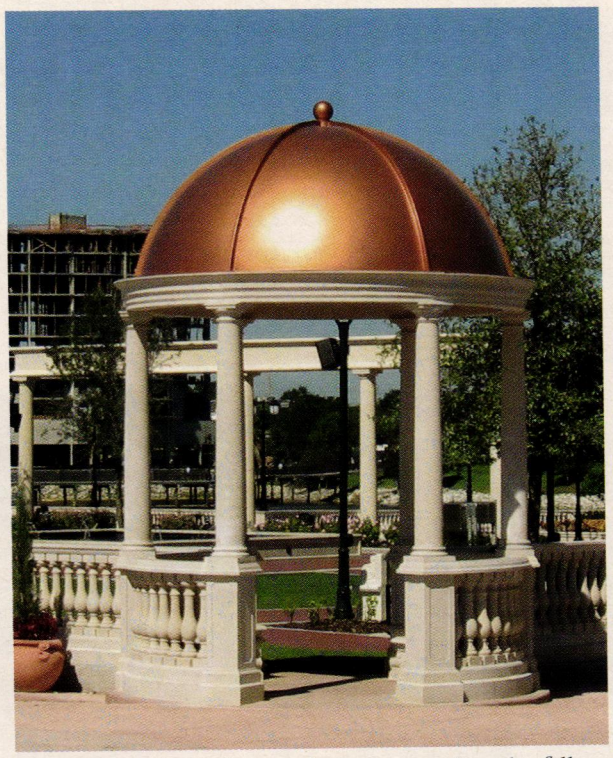
Connor Homes
802-382-9082; Fax: 802-382-9084
www.connorbuilding.com
Middlebury, VT 05753

Designer & manufacturer of pre-engineered kit homes, barns & outbuildings: Colonial, Federal, Greek Revival, Shingle, Bungalow & Colonial Revival styles; nationwide shipping.
Write in No. 1614

This conservatory was custom crafted by Glass House, LLC.

Glass House, LLC
800-222-3065; Fax: 860-974-1173
www.glasshouseusa.com
Pomfret Center, CT 06259

Fabricator of traditional conservatories, greenhouses, sunrooms, pool enclosures, roof lanterns, specialty skylights & glass roof systems: mahogany or aluminum frame; custom fabrication.
Write in No. 1870



Cast-stone garden architectural ornaments such as this folly are available from Haddonstone in many styles.

Haddonstone (USA) Ltd.
719-948-4554; Fax: 719-948-4285
www.haddonstone.com
Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, balustrades, sculpture, columns, capitals, porticoes, cornices, weathervanes, molding, trim, molded panels & more; custom components.
Write in No. 4020

Historical Arts & Casting, Inc.
800-225-1414; Fax: 801-280-2493
www.historicalarts.com
West Jordan, UT 84088

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.
Write in No. 1210

Hugh Lofting Timber Framing, Inc.
610-444-5382; Fax: 610-869-3589
www.hughloftingtimberframe.com
West Grove, PA 19390

Designer & manufacturer of timber frames: private homes, additions, barns, studios, arbors & more; mortise-&-tenon joinery; many wood species.
Write in No. 663

DISCOVER THE *Renaissance Lifestyle*

RENAISSANCE CONSERVATORIES
Every Room Is An American Original©

Call for your Complimentary Copy of our Architect's Design Guide

800-882-4657

www.renaissanceconservatories.com

WRITE IN NO. 378

Built by Tanglewood Conservatories, this glass house features woodwork on the interior and maintenance-free aluminum cladding on the exterior.

Tanglewood Conservatories, Ltd.
800-229-2925; Fax: 410-479-4797
www.tanglewoodconservatories.com
Denton, MD 21629

Designer, manufacturer & installer of traditional wood conservatories, roof lanterns & other glass architecture: sunrooms, pool enclosures, greenhouses, garden houses, follies, gazebos & pavilions; cupolas, skylights, cresting & finials.
Write in No. 8270

The Wood Factory
936-825-7233; Fax: 936-825-1791
111 Railroad St.
Navasota, TX 77868

Manufacturer of historically correct Victorian millwork: interior & exterior doors & stair parts; screen doors, porch posts, newel posts, rails, balustrades, brackets, capitals, custom mantels, siding & gazebos.
Write in No. 7120

Vintage Woodworks
903-356-2158; Fax: 903-356-3023
www.vintagewoodworks.com
Quinlan, TX 75474

Supplier of Victorian millwork: western red cedar shingles, porch parts, columns, turned & sawn balusters, railings, brackets, gazebos, cornices, corbels, spandrels, mantels, storm & screen doors & more.
Write in No. 1061

Wiemann Ironworks
918-592-1700; Fax: 918-592-2385
www.wiemanniron.com
Tulsa, OK 74104

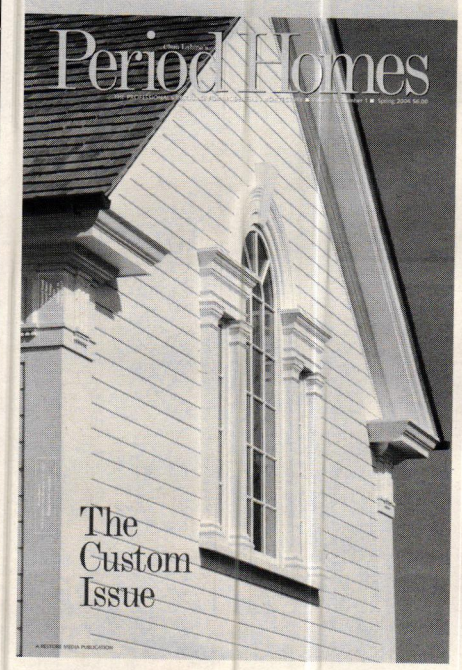
Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, balustrades, lighting, grilles, doors, hardware, fireplace tools, arbors & more; cast & wrought metal alloys in a range of finishes; since 1940.
Write in No. 1223

Glass House
50 Swedetown Rd., Pomfret, CT 06259
800-222-3065
(860) 974-1665 Fax: (860) 974-1173
www.glasshouseusa.com
Quality Made in the USA

Designers & Fabricators of:
• *Traditional Conservatories* • *Solariums*
• *Specialty Skylights*

WRITE IN NO. 1870

If you'd like to order a **gift subscription** for a colleague, just call
800-548-0148



www.period-homes.com

Visit the new Period Homes website

Browse Product Databases, Product Galleries and Top Product Searches. Get the latest in *Period Homes* News and register for upcoming Webinars.

The Professional's Resource for Residential Architecture

Doors, Windows, Shutters & Hardware

Go to www.period-homes.com to order product literature, and click on "Free Product Literature" or fill out the card at page 34. To order literature from all of the companies listed here, enter No. 9780.

Al Bar-Wilmette Platers

866-823-8404; Fax: 847-251-0281
www.albarwilmette.com
Wilmette, IL 60091

Custom fabricator & restorer of door, window & furniture hardware & lighting: cleans, polishes, plates, repairs & lacquers; all finishes; salvaged hardware; duplication services.
Write in No. 97

These hand-hammered Tudor knobs were fabricated by Al Bar-Wilmette Platers for a project in Chicago, IL.

Allied Window, Inc.

800-445-5411; Fax: 513-559-1883
www.invisiblestorms.com
Cincinnati, OH 45241

Manufacturer of "invisible" interior/exterior aluminum storm windows: all custom shapes & colors; screens; magnetic, sliding, lift-out & mechanical fastenings; UV-resistant, low-e, tempered, acrylic & lexan glazing.
Write in No. 690

The storm windows for this house in Winchester, MA, were manufactured by Allied Window.

Architectural Products by Outwater, LLC

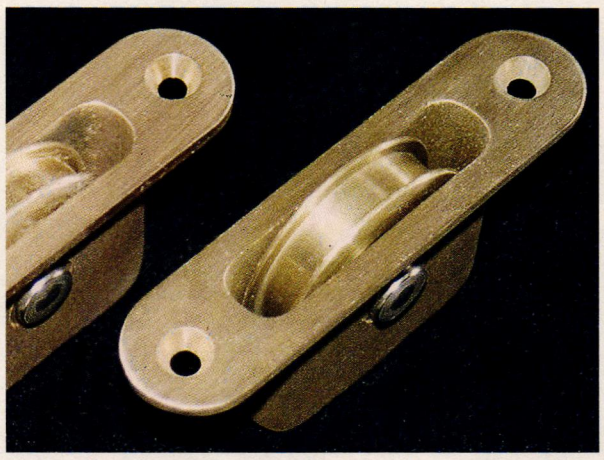
800-835-4400; Fax: 800-835-4403
www.outwater.com
Bogota, NJ 07603

Manufacturer of 65,000+ decorative building products: architectural moldings & millwork, columns & capitals, wrought-iron components, balustrading, door & shutter hardware, lighting, ceiling tile, furniture & cabinet components, carvings, arbors & more.
Write in No. 5008

Architectural Resource Center

800-370-8808; Fax: 603-942-7465
www.aresource.com
Northwood, NH 03261

Supplier of door, window & cabinet hardware: pulleys, weights, chains, lifts, locks, levers, hinges, escutcheon plates, door stops & more.
Write in No. 1670



Sash pulleys from Architectural Resource Center are available in cast brass or bronze in a range of sizes and finishes.

Atlantic Premium Shutters

866-288-2726; Fax: 800-709-9109
www.atlanticpremiumshutters.com
Wixom, MI 48393

Manufacturer of custom exterior shutters: solid-panel & fixed-slat; lifetime structural warranty & 15-year finish warranty; restoration grade; handcrafted.
Write in No. 1534

The Atlantic Classic Collection of historically accurate operable shutters is available from Atlantic Premium Shutters.

AZEK Building Products Inc.

877-275-2935; Fax: 570-504-1215
www.azek.com
Moosic, PA 18507

Manufacturer of low-maintenance exterior building products: AZEK Trim, AZEK Mouldings & AZEK Deck.
Write in No. 338

Ball & Ball Hardware

610-363-7330; Fax: 610-363-7639
www.ballandball.com
Exton, PA 19341

Manufacturer of furniture, cabinet, window, shutter & door hardware: brass, cast iron, bronze, wrought iron & steel; new reproduction & antique/reconditioned hardware; fireplace accessories; restoration services.
Write in No. 2930

Rustic hinges and hardware custom made by Ball & Ball Hardware were used on these doors.

Brandt, Sylvan LLC

717-626-4520; Fax: 717-626-5867
www.sylvanbrandt.com
Lititz, PA 17543

Supplier of 18th- & 19th-century building materials salvaged from old houses & barns: columns, doors, mantels, sinks & bathtubs; antique & resawn flooring; antique heart pine, ancient oak, chestnut, white pine & hemlock; radiators; since 1960.
Write in No. 3950

Cityproof Windows

718-786-1600; Fax: 718-786-2713
www.cityproof.com
Long Island City, NY 11101

Custom manufacturer of interior window systems in aluminum: noise reducing & draft/dirt eliminating; thermal control; storm/screen combos, round top & custom shapes; mechanical fastenings; acrylic, lexan, UV-resistant, low-E & more.
Write in No. 2390

Cityproof Windows enhances existing windows to reduce outside noise, eliminate dirt infiltration and drafts and provide maximum thermal control.

Classic Accents, Inc.

800-245-7742; Fax: 734-284-7185
www.classicaccents.net
Southgate, MI 48195

Supplier of UL-listed push-button light switches: plain or ornamental brass & wooden plates; brass molding hooks, decorative tassels & picture-hanging cord; cabinet hardware.
Write in No. 371

House of Antique Hardware
888-223-2545; Fax: 503-233-1312
www.houseofantiquehardware.com
Portland, OR 97232

Supplier of door, window, cabinet, furniture, electrical & bath hardware: original antique & vintage reproductions; Federal, Victorian & Arts & Crafts styles; hardware specialists available to assist with renovation projects.
Write in No. 339

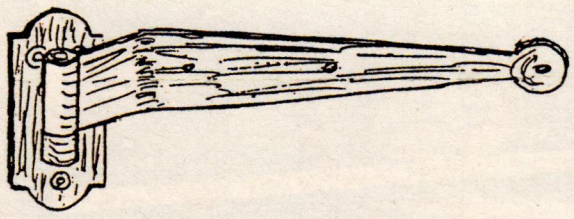
This traditional door set and steeple-tip door hinge are available from House of Antique Hardware in nine different finishes.

Innerglass Window Systems
800-743-6207; Fax: 860-651-4789
www.stormwindows.com
Simsbury, CT 06070

Manufacturer of custom glass interior storm windows for energy conservation & soundproofing; maintains the integrity of historic windows; conforms to the opening; no sub-frame needed.
Write in No. 909

James Peters & Son, Inc.
215-739-9500; Fax: 215-739-9779
www.jamespetersandson.com
Philadelphia, PA 19122

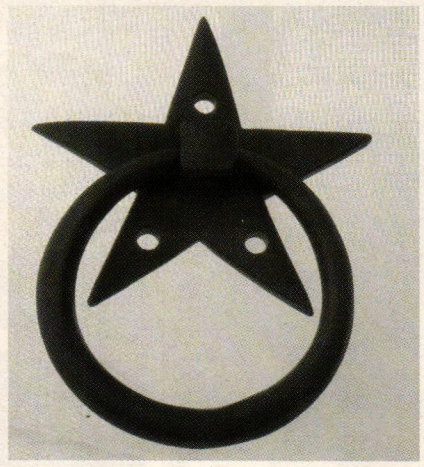
Manufacturer of period-style hardware: for exterior shutters, doors, windows, gates, garages & barns; new reproduction hardware; wrought steel with black finish & wrought iron.
Write in No. 1240



James Peters & Son supplies shutter strap hinges in lengths of 10, 12, 14 and 16 in.

Kayne & Son Custom Hardware, Inc.
828-667-8868; Fax: 828-665-8303
www.customforgedhardware.com
Candler, NC 28715

Custom fabricator of door, barn, garage, gate, furniture, cabinet, shutter & window hardware: hand-forged steel, copper & bronze or cast bronze; repair, restoration & reproduction work; fireplace equipment; grilles; catalog $5.



This wrought-iron door pull was hand forged by Kayne & Son.

King Architectural Metals
800-542-2379; Fax: 800-948-5558
www.kingmetals.com
Dallas, TX 75228

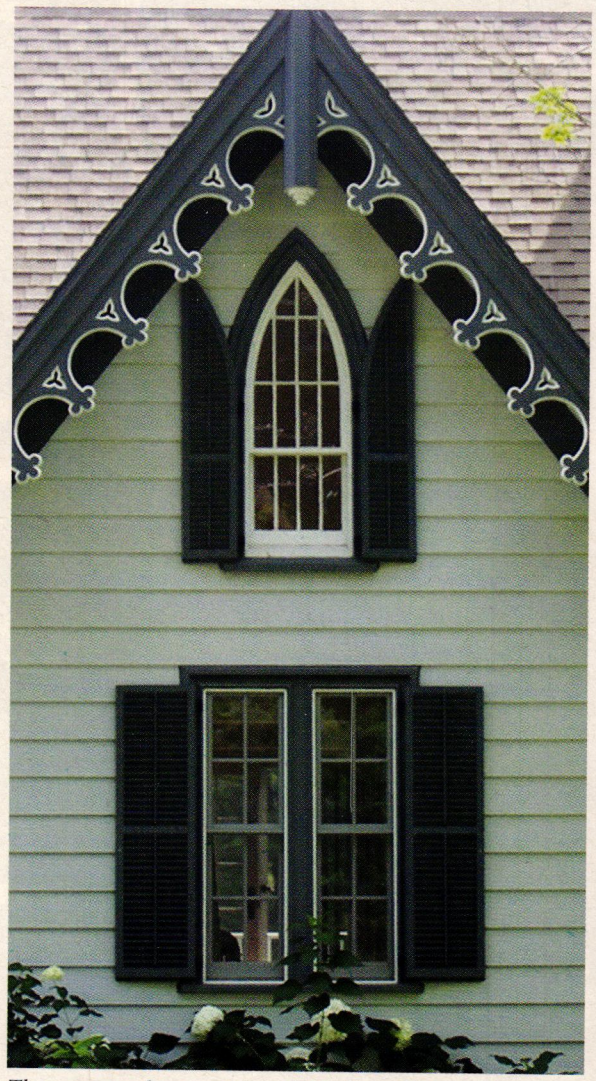
Wholesale supplier of ornamental & architectural metal components: for wrought-iron staircases, handrails, gates, fences, mailboxes, doors, screens, awnings & fireplace screens; cast-iron, aluminum & plastic finials.
Write in No. 270

Kingsland Co. Doors
860-542-6981; Fax: 860-542-1752
www.kingslandcompany.us
Norfolk, CT 06058

Manufacturer of custom-designed entryways: doors, jambs & thresholds in Honduras mahogany; single & insulated glass, true-divided lites, leaded-glass sidelites & transoms; screen & storm doors & panel-screen porch enclosures.
Write in No. 4573 for doors; 4574 for screen doors

Kingsland Co. Shutters
860-542-6981; Fax: 860-542-1752
www.kingslandcompany.us
Norfolk, CT 06058

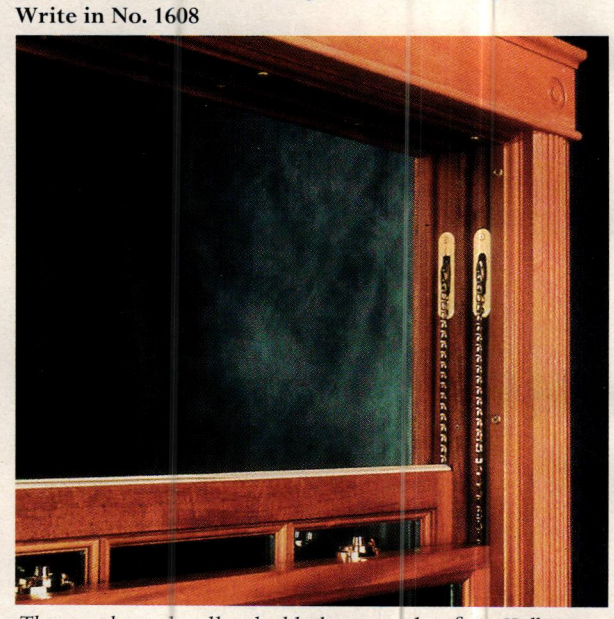
Manufacturer of exterior shutters in Honduras mahogany: louvered, raised panel & cutout; mortise-&-tenon construction; reproductions; copper caps, fixed control rods & hardware; paneled & louvered arched tops.
Write in No. 196



These custom shutters are available from the Kingsland Co.

Kolbe & Kolbe Millwork Co., Inc.
800-477-8656; Fax: 715-842-2863
www.kolbe-kolbe.com
Wausau, WI 54401

Manufacturer of wood, aluminum-clad & vinyl windows & doors: custom styles; variety of colors & wood species; many products designed as historic replications.
Write in No. 1608



This weight-and-pulley double-hung window from Kolbe & Kolbe is available in pine, oak, cherry and mahogany.

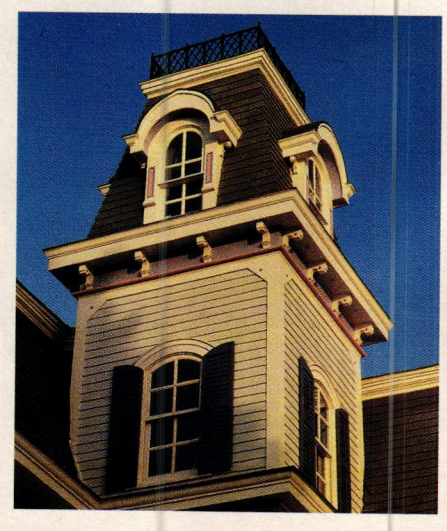
Maguire Iron Corp.
510-234-7569; Fax: 510-232-7519
www.maguireironcorporation.com
Sparks, NV 89432

Supplier of traditional hardware & lanterns: door, cabinet, window, shutter, furniture, gate & mailbox hardware; knobs & levers with compatible locks of various backsets & functions; wrought-iron, pewter, rust, brass & bronze finishes; custom work.
Write in No. 7600

This hand-forged lever handle from Maguire Iron is typical of the company's line of hand-finished door hardware.

Marvin Windows & Doors
888-537-8268; Fax: 218-386-4027
www.marvin.com
Warroad, MN 56763

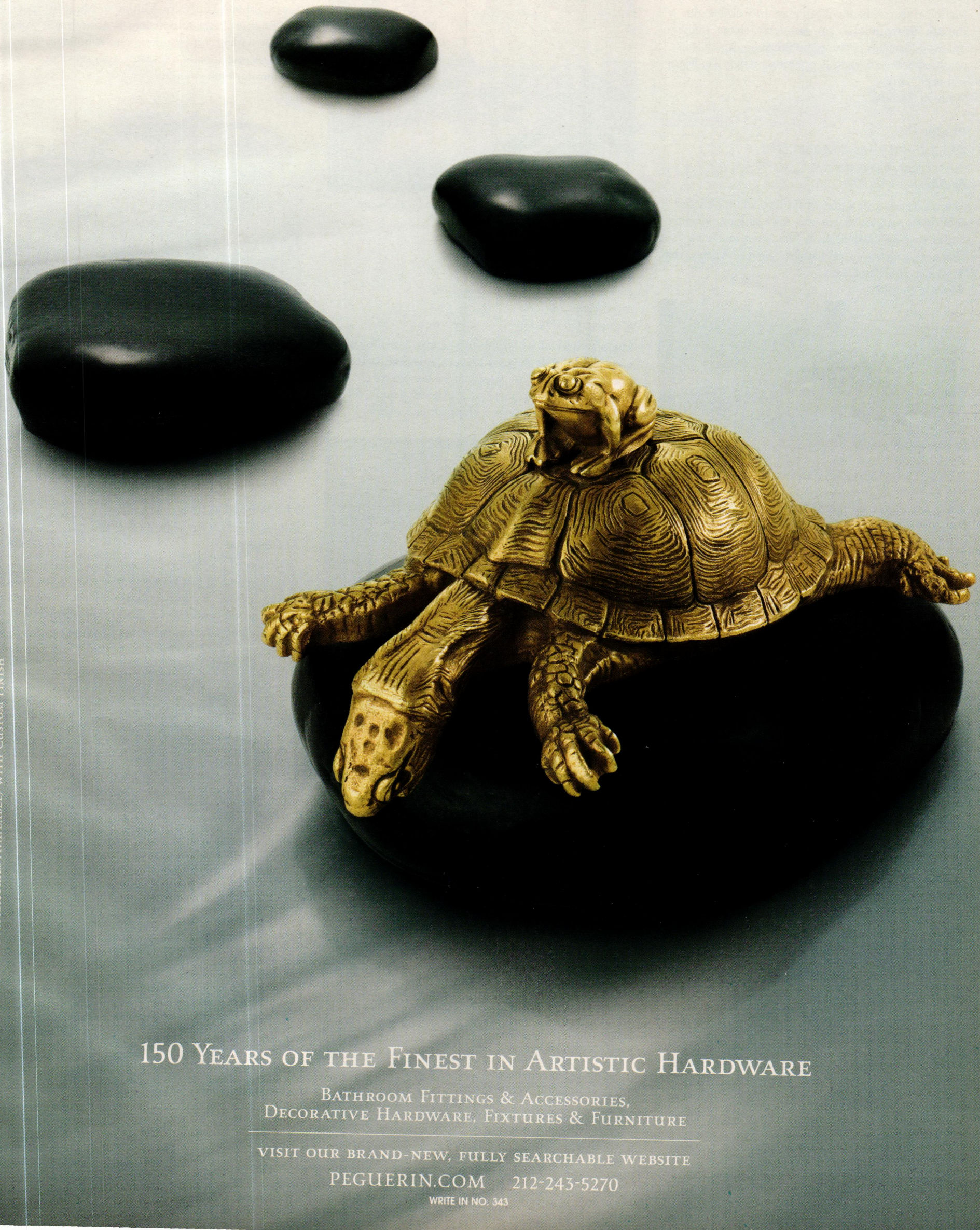
Manufacturer of all-wood & clad-wood windows & doors: round top, oval, casement & double hung; custom shapes & historic window replication; dual durometer, bulb & leaf weatherstripping; storm windows; numerous design choices & glazing options.
Write in No. 1611



Marvin Windows and Doors' Ultimate Double Hung wood windows are available in a variety of configurations for many applications.

P.E. Guerin

ESTABLISHED - 1857



No. 11600 Turtle Basin Set (Matching Accessories Available) with Custom Finish

150 Years of the Finest in Artistic Hardware

Bathroom Fittings & Accessories,
Decorative Hardware, Fixtures & Furniture

VISIT OUR BRAND-NEW, FULLY SEARCHABLE WEBSITE

PEGUERIN.COM 212-243-5270

WRITE IN NO. 343

Pacific Columns
800-294-1098; Fax: 714-630-4549
www.pacificcolumns.com
Brea, CA 92821

Supplier of interior & exterior columns: roped, belly, carved, high relief, embossed & octagonal; up to 36-in. dia. & 36-ft. lengths; capitals, pilasters, balustrades & porch posts; metal, wood, FRP fiberglass & polymer window trim; shutters; cupolas.
Write in No. 195

Parrett Windows
800-541-9527; Fax: 715-654-6555
www.parrettwindows.com
Dorchester, WI 54425

Manufacturer of handcrafted custom wood & aluminum-clad windows: any geometric shape, numerous wood species & complete finishing capabilities; certified & tested fixed & operating windows; historical replications.
Write in No. 3003

Phelps Co.
802-257-4314; Fax: 802-258-2270
www.phelpscompany.com
Brattleboro, VT 05301

Manufacturer & designer of traditional, hot-forged solid-brass window hardware: sash pulleys, weights, chains & cords, sash locks & lifts, casement stays & fasteners, storm/screen hangers, bronze screen wire & screen-door latch sets.
Write in No. 6001

The model #CSB34 casement stay from Phelps Company, shown here with an oil-rubbed bronze finish, can be used on both in-swing and out-swing casement windows.

Rejuvenation
888-401-1900; Fax: 800-526-7329
www.rejuvenation.com
Portland, OR 97210

Manufacturer of period-style lighting & hardware: door, bath, window & cabinet hardware; Victorian, Colonial Revival, Neoclassical, Arts & Crafts, Art Deco & Atomic Age; 12 finishes; direct delivery.
Write in No. 7630

Schwartz's Forge & Metalworks, Inc.
315-841-4477; Fax: 315-841-4694
www.schwartzsforge.com
Deansboro, NY 13328

Custom fabricator of architectural metalwork: straight, spiral & curved stairs; doors, railings, newel posts, gates, fencing, grilles & fountains; forged bronze, Monel, steel & stainless steel; restoration work.
Write in No. 1218

These forged-steel entry doors from Schwartz's Forge & Metalworks have 23k gold-leaf details.

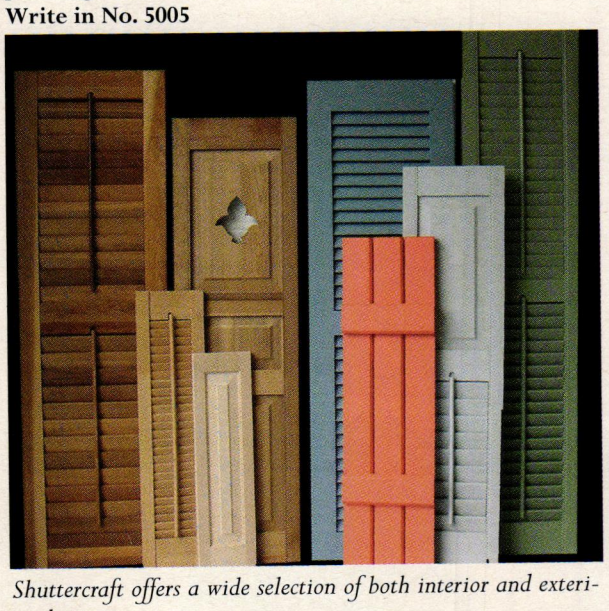
Seekircher Steel Window Repair Corp.
914-734-8004; Fax: 914-734-8009
www.seekirchersteelwindow.com
Peekskill, NY 10566

Repairer of steel casement windows: performed on location; more than 7,000 windows repaired annually in 26 states; large collection of vintage steel casement windows, doors & hardware; family-owned business established in 1977.
Write in No. 3590

Seekircher Steel Window Repair restores and replaces historic steel windows.

Shuttercraft, Inc.
203-245-2608; Fax: 203-245-5969
www.shuttercraft.com
Madison, CT 06443

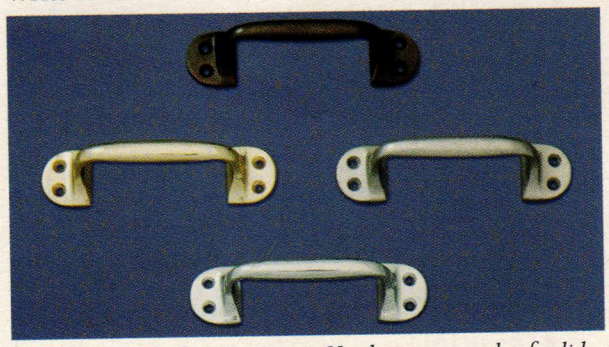
Manufacturer of wood shutters: cedar & mahogany exterior movable & fixed louvers, board & batten, raised panels, cutouts, capping, arches & more; hinges & holdbacks; interior louvers & panels; full painting services; all sizes; shipped nationwide.
Write in No. 5005



Shuttercraft offers a wide selection of both interior and exterior shutters.

Signature Hardware
866-475-9715; Fax: 800-682-6826
www.signaturehardware.com
Erlanger, KY 41017

Direct distributor of traditional cast-iron & acrylic kitchen & bath items: bathtubs, porcelain sinks, brass faucets, shower rods & rings; mailboxes; floor registers & air returns; decorative door & window hardware; electric & gas lighting.
Write in No. 576



Angled sash lifts from Signature Hardware are made of solid brass and are available in four finishes – black powder coat, chrome, polished and lacquered brass and pewter.

Superior Moulding, Inc.
800-473-1415; Fax: 818-376-1314
www.superiormoulding.com
Van Nuys, CA 91411

Supplier of standard & custom moldings & more: embossed, sculpted & polyfoam moldings; columns, capitals, ceiling medallions, niches, domes, corbels, windows, doors, stair parts, hardwood flooring & more.
Write in No. 138

The Nanz Company
212-367-7000; Fax: 212-367-7375
www.nanz.com
New York, NY 10013

Designer & manufacturer of period-style door, window & cabinet hardware: Gothic to Modern; specialized finishes; bathroom fittings & accessories; works directly with architects, designers & builders; consultation, specification & restoration services.
Call for more information.

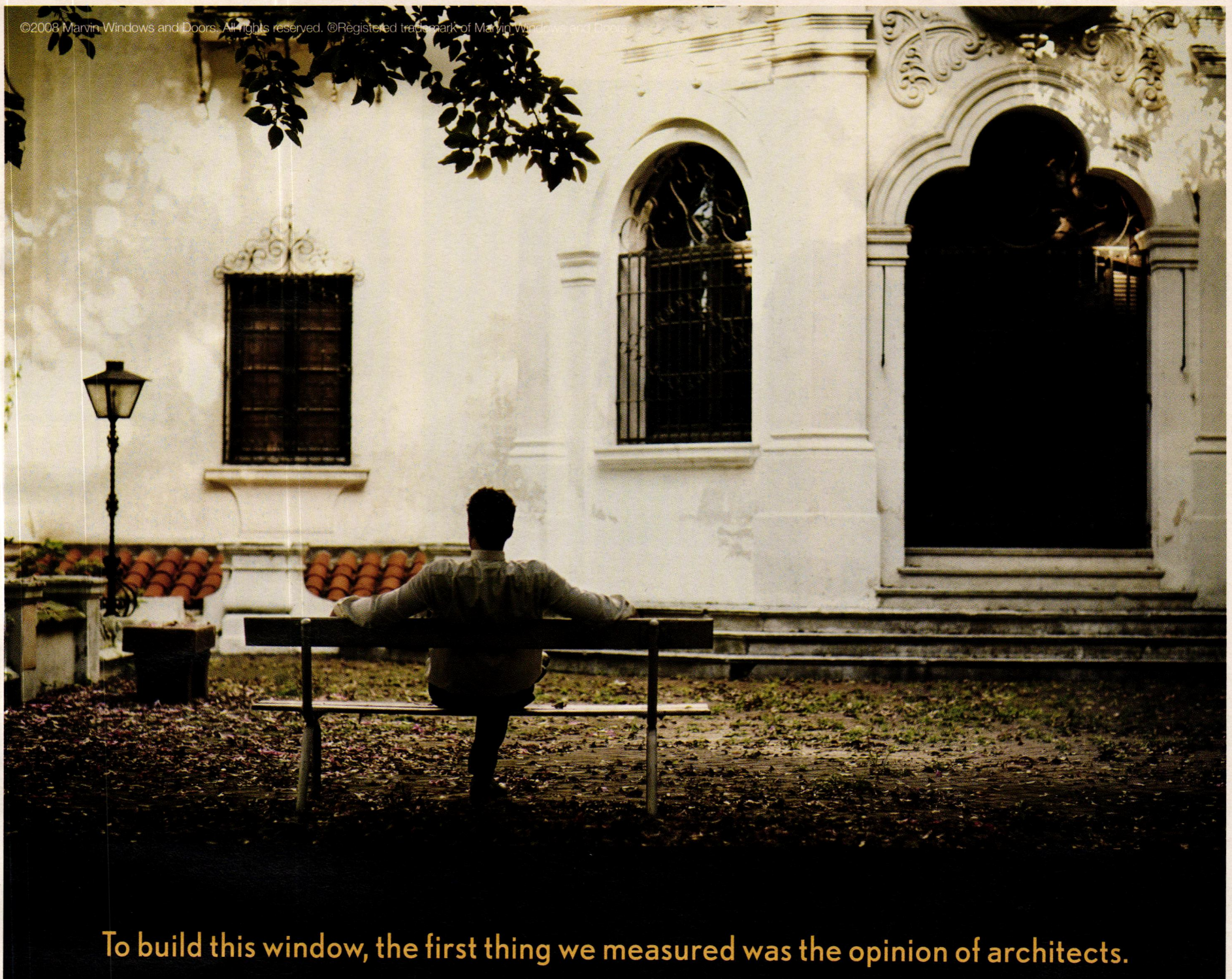
The Nanz Company supplies a full line of door hardware in dozens of standard and custom-plated and -patinated finishes.

The Wood Factory
936-825-7233; Fax: 936-825-1791
111 Railroad St.
Navasota, TX 77868

Manufacturer of historically correct Victorian millwork: interior & exterior doors & stair parts; screen doors, porch posts, newel posts, rails, balustrades, brackets, capitals, custom mantels, siding & gazebos.
Write in No. 7120

This screen door was custom manufactured by The Wood Factory.

©2008 Marvin Windows and Doors. All rights reserved. ®Registered trademark of Marvin Windows and Doors.



To build this window, the first thing we measured was the opinion of architects.

The New Marvin Ultimate Replacement Casement Window

Our new casement was built from research with architects. You wanted design flexibility: we answered with a casement that's available in sizes up to 40" x 92", meets egress at small sizes and can replicate a double hung. We gave it sturdy hardware and a new wash mode for cleaning from inside. Visit www.MarvinCasement.com or call 1-888-553-9988 for a free Ultimate Replacement Casement Brochure.

MARVIN Windows and Doors

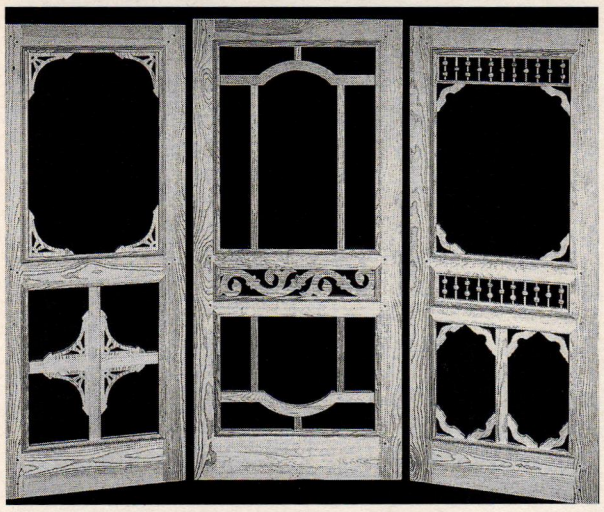
Built around you.™

WRITE IN NO. 1611

Vintage Woodworks

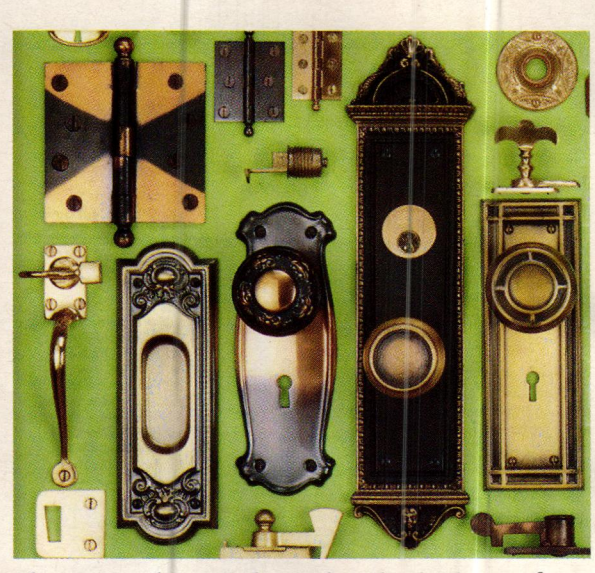
903-356-2158; Fax: 903-356-3023
www.vintagewoodworks.com
Quinlan, TX 75474

Supplier of Victorian millwork: western red cedar shingles, porch parts, columns, turned & sawn balusters, railings, brackets, gazebos, cornices, corbels, spandrels, mantels, storm & screen doors & more.
Write in No. 1061



Vintage Woodworks designs and manufactures Victorian and country-style screen and storm doors — offered with or without spandrels.

Wiemann Ironworks fabricated this bronze door, which feautres insulated glass.



This never-used antique door and window hardware is from Wm. J. Rigby's extensive collection.

Wiemann Ironworks

918-592-1700; Fax: 918-592-2385
www.wiemanniron.com
Tulsa, OK 74104

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, balustrades, lighting, grilles, doors, hardware, fireplace tools, arbors & more; cast & wrought metal alloys in a range of finishes; since 1940
Write in No. 1223

Wm. J. Rigby Co.

607-547-1900; No fax
www.wmjrigby.com
Cooperstown, NY 13326

Supplier of unused, original builders' hardware: 1860s to 1940s; knobs, escutcheons, locksets, hinges, door knockers, doorbells, push plates & more; shutter & window hardware; brass, bronze, steel & nickel; restored antique hardware.
Write in No. 8410

Woodstone Co.

802-722-9217; Fax: 802-722-9528
www.woodstone.com
Westminster, VT 05158

Manufacturer of custom wood windows & doors: wide array of wood species; coped mortise-&-tenon joinery; all shapes, sizes & configurations; screen doors & storm windows; historical & landmark specifications.
Write in No. 8430

Doors in panel and glass combinations from Woodstone can be surrounded with a custom-designed architectural trim package.

WRITE IN NO. 690

Option #537

Far From Ordinary

Every project is different, so using the same window or door for each project won't do. You need options. Who better to provide you with those options than Kolbe? With virtually endless options, like custom shapes that incorporate dramatic curves and unique divided lite patterns, Kolbe windows will take you far from the ordinary to design something extraordinary. For more information visit www.kolbe-kolbe.com or call 1.800.955.8177.

KOLBE®

■ WINDOWS & DOORS ■

See the Difference Quality Makes®

WRITE IN NO. 1608

GRABILL
WINDOWS & DOORS
Built With Integrity...Built to Last

Bringing Traditional Craftsmanship into the 21st Century.™

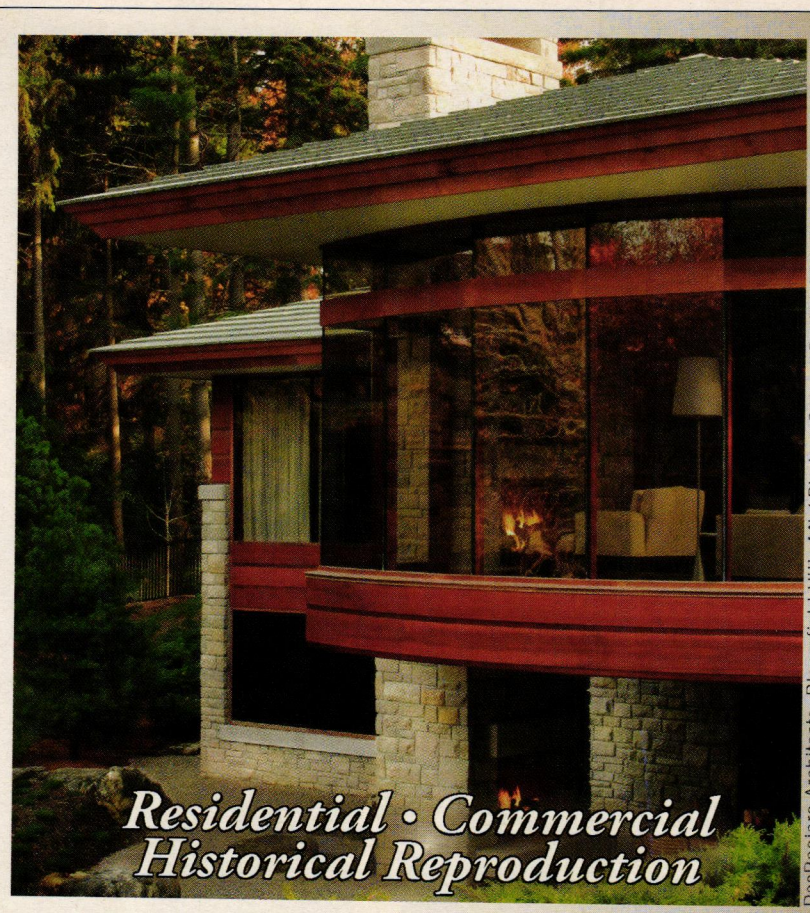
Traditional, Contemporary & European Designed Custom Windows & Doors

Mahogany • Teak • Cypress
Oak • Cedar • Pine
Douglas Fir • Reclaimed Wood
Bronze or Aluminum Clad

Superior Detailing - Quality Materials

Double Hung/Weight & Pulley,
Casement, Tilt Turn Windows.
Lift & Slide and Bi-Fold Doors

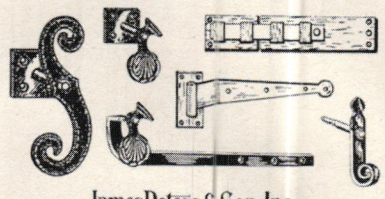
Email tgrabill@grabillwindow.com
www.grabillwindow.com
(810) 798-2817



DesRosiers Architects, Bloomfield Hills MI / Photo - George Dzahristos.

WRITE IN NO. 1910

Traditional Shutter Hardware



James Peters & Son, Inc.
MANUFACTURERS OF HARDWARE
1936 North Front Street Philadelphia, PA 19122
Phone: 215-739-9500 Fax: 215-739-9779
Sold through hardware distributors

WRITE IN NO. 1240

INTERIOR WINDOW SYSTEMS
NOISE REDUCTION • DRAFT & DIRT ELIMINATION • THERMAL CONTROL

- *Up to 95% noise reduction*
- *Maximum Thermal Control*
- *99% Elimination of Draft/Dirt Infiltration*

Since Cityproof 1960

10-11 43rd Avenue, Long Island City, NY 11101
Tel: (718) 786-1600 • e-mail: info@cityproof.com
www.cityproof.com

WRITE IN NO. 2390

Wood Screen Doors

Coppa Woodworking Inc.
1231 Paraiso Ave., San Pedro, CA 90731 310-548-5332 Fax: 310-548-6740 www.coppawoodworking.com

WRITE IN NO. 9600

GLASS INTERIOR Storm Windows

- Reduce heating & cooling bills up to 30%
- Maintain the charm & beauty of your existing windows
- Eliminate drafts completely
- Greatly reduces outside noise
- Custom sizes
- Perfect for enclosing screen porches
- Easy no tool snap in & out

Innerglass® WINDOW SYSTEMS
the better alternative
1-800-743-6207 • FAX (860) 651-4789
15 Herman Drive , Simsbury, CT 06070
www.stormwindows.com

WRITE IN NO. 909

www.
period-homes
.com

WRITE IN NO. 576

WRITE IN NO. 97

NANZ
®
NEW YORK LOS ANGELES CHICAGO GREENWICH LONDON 212 367 7000 NANZ.COM

ARCHITECTURAL RESOURCE CENTER

WINDOW HARDWARE

SASH PULLEYS
Solid Cast Brass
Stainless Steel Pin
Ball Bearing

SASH WEIGHTS
Stackable Add On
Custom per Opening
Steel, Lead, or Galvanized

SASH LIFTS
More Than 100 Choices
Solid Brass
Polished & Antique
Finishes

SASH LOCKS
For All Types of Sash
Many Finishes
Custom Designs

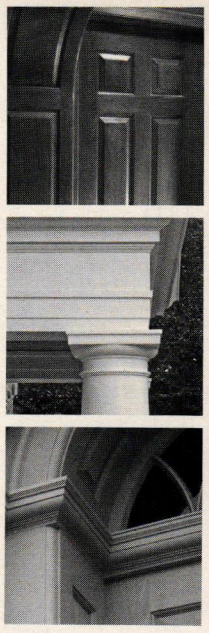
SASH CHAIN
Solid Brass, Bronze, Steel, Copper, Brass, Nickel Plated
Lifting Capacity to 300 lbs.

SASH WEATHERSTRIP
Metal & Non-Metal
Interlocking or Exposed-
Bronze or Zinc
Widths to 2.875 Inches
Compression, Pile, Bulb, Leaf

CUSTOM CASTINGS
Made to Order

(800) 370-8808 • Fax: (603) 942-7465
557 Old Turnpike Road • Northwood, NH 03261
www.aresource.com • E-mail: rpm@aresource.com

WRITE IN NO. 1670



HD

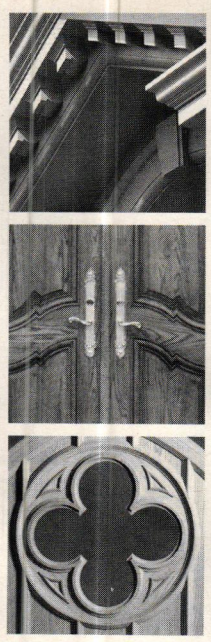
Designers and fabricators of classic doors of distinction.

~

Telephone 610-756-6187

WWW.HISTORICDOORS.COM

historic doors
FINE CRAFTSMANSHIP IN WOODWORKING



WRITE IN NO. 3570

NEW SERVICES WEBSITE!

Traditional Building Magazine's

tradweb
CUSTOM BUILDING & RESTORATION SERVICES

Announcing a New Way to...

- Get More, Better Clients Coming to You
- Find the Specialized Custom Services You Need

The online TRADWEB Services Directory website offers:

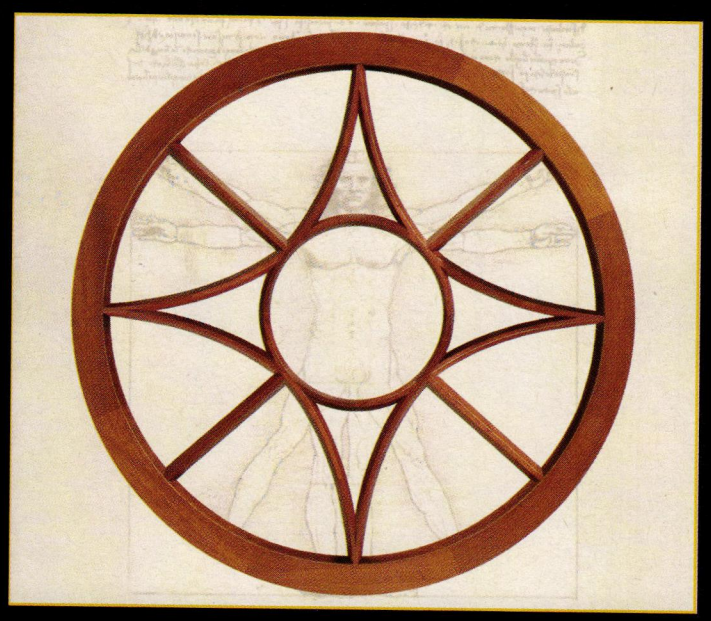
- Free listings for all Design, Building, and Preservation Professionals
- Many optional Listing upgrades and illustrated Project Portfolio opportunities
- Keyword-based Internet advertising spots available.

Contact Dorian Henao at 718-636-0788, ext. 39. Or e-mail: dhenao@restoremedia.com.

To register, edit or upgrade your TRADWEB Services Directory listing, logon to

www.tradwebdirectory.com

WOODSTONE
CUSTOM WINDOWS AND DOORS FOR THE DISCERNING CLIENT



17 MORSE BROOK ROAD • WESTMINSTER, VT 05158
802.722.9217 • WWW.WOODSTONE.COM

WRITE IN NO. 8430

NANZ®

SEE OUR FULL PAGE AD ON PAGE 59

GET REAL

Unused Original Stock Builders' Hardware
& First Rate Restorations

WWW.WMJRIGBY.COM
73 Elm St. Cooperstown, NY 13326
607-547-1900

WRITE IN NO. 8410

Exterior Elements, Ornament & Finishes

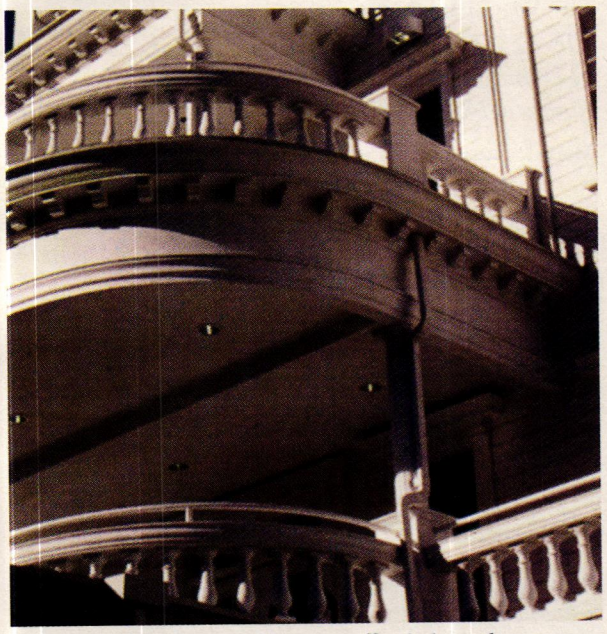
Go to www.period-homes.com to order product literature, and click on "Free Product Literature" or fill out the card at page 34. To order literature from all of the companies listed here, enter No. 9782.

1.800.COLUMNS
800-265-8667; Fax: 910-763-3191
www.1800columns.com
Wilmington, NC 28401

Catalog distributor of architectural products: Chadsworth Columns, Hartmann-Sanders Authentic Architectural Columns, PolyStone Columns, PolyStone Balustrade Series & classic pergolas; millwork; job-site delivery & worldwide shipping.
Write in No. 1580 for PolyStone; 180 for wood

Architectural Products by Outwater, LLC
800-835-4400; Fax: 800-835-4403
www.outwater.com
Bogota, NJ 07603

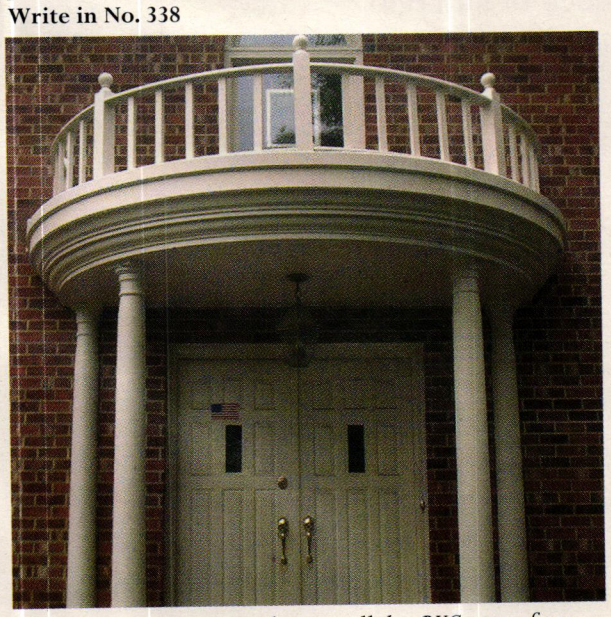
Manufacturer of 65,000+ decorative building products: architectural moldings & millwork, columns & capitals, wrought-iron components, balustrading, door & shutter hardware, lighting, ceiling tile, furniture & cabinet components, carvings, arbors & more.
Write in No. 5008



Architectural Products by Outwater offers balustrade systems made of lightweight, durable, high-density polyurethane in 22-, 24½- and 28-in. heights.

AZEK Building Products Inc.
877-275-2935; Fax: 570-504-1215
www.azek.com
Moosic, PA 18507

Manufacturer of low-maintenance exterior building products: AZEK Trim, AZEK Mouldings & AZEK Deck.
Write in No. 338



These elements were created using cellular-PVC pieces from AZEK Building Products.

Bear Creek Lumber
800-597-7191; Fax: 509-997-2040
www.bearcreeklumber.com
Winthrop, WA 98862

Supplier of wood flooring, paneling, roofing, fencing, new & recycled timbers & decking: hand-split, machine-cut & fancy-cut butt fire- & rot-retardant-treated shakes & shingles; quartersawn clapboard & siding; post & beam.
Write in No. 521

Wood siding supplied by Bear Creek Lumber was used on this house.

Carlson's Barnwood Co.
309-522-5550; Fax: 309-522-5123
www.carlsonsbarnwood.com
Cambridge, IL 61238

Supplier of recycled barn-wood planks, re-milled antique flooring, dimensional lumber & timbers in various shades & types: cupolas, porch poles, siding, milled & barn lumber, flooring & paneling in pine & oak.
Write in No. 2744

Chadsworth Columns
800-486-2118; Fax: 910-763-3191
www.chadsworth.com
Wilmington, NC 28402

Manufacturer of authentically correct architectural columns: complete line of columns, piers, pilasters & posts; interior & exterior; variety of sizes, styles & materials; 4 different grade levels of wood columns; interior molded ornament; millwork.
Write in No. 1580 for PolyStone; 180 for wood

Chadsworth's Tuscan non-tapered Architectural PolyStone pilasters frame this Serliana window.

Color People, The
303-308-0220; Fax: 303-308-0123
www.colorpeople.com
Denver, CO 80204

Color consultant: custom exterior color schemes for houses, businesses, main streets & townscapes; Victorian specialist; consultation through photos via mail; some on-site consulting.
Write in No. 5470

The Color People specializes in exterior Victorian color schemes.

Columns.com
910-763-7600; Fax: 910-763-3191
www.columns.com
Wilmington, NC 28401

Internet distributor of architectural products: columns, pilasters, decorative capitals, moldings, millwork, balustrades & pergola kits; job-site delivery & worldwide shipping; quick-ship program available for some items.
Write in No. 1585

Decorators Supply Corp.
773-847-6300; Fax: 773-847-6357
www.decoratorssupply.com
Chicago, IL 60609

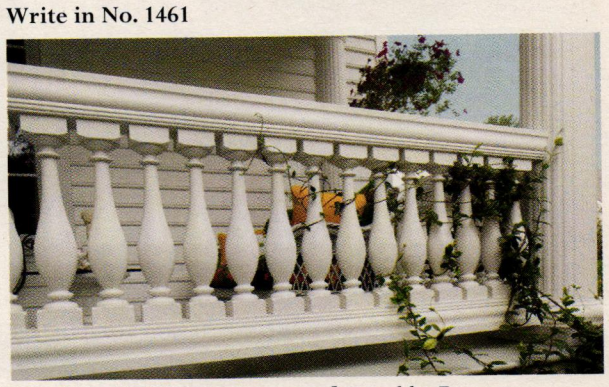
Supplier of 14,000 patterns for period architectural elements & molded ornament: cornices, columns, capitals, mantels, ornamental ceilings, niches, domes, brackets & corbels; plaster of Paris, wood & compo; since 1893.
Write in No. 210

Fine Paints of Europe
800-332-1556; Fax: 802-457-1740
www.finepaintsofeurope.com
Woodstock, VT 05091

Importer & distributor of oil-based paints from Holland: full line of finishes ranging from matte wall & ceiling paint to brilliant gloss enamel; custom tinting.
Write in No. 425

Fypon
800-537-5349; Fax: 419-445-4440
www.fypon.com
Archbold, OH 43502

Manufacturer of more than 4,000 molded architectural elements: window features, balustrades, turnings, ceilings, brackets, vents & more; high-density polymer & other polymers; load-bearing polymer/steel columns with 12-in. maximum dia.
Write in No. 1461



This balustrade system was manufactured by Fypon.

Vintage Woodworks
903-356-2158; Fax: 903-356-3023
www.vintagewoodworks.com
Quinlan, TX 75474

Supplier of Victorian millwork: western red cedar shingles, porch parts, columns, turned & sawn balusters, railings, brackets, gazebos, cornices, corbels, spandrels, mantels, storm & screen doors & more.
Write in No. 1061

Vinyl Siding Institute
202-587-5100; Fax: 202-587-5127
www.vinylsiding.org
Washington, DC 20005

Association of vinyl & polymeric siding manufacturers & suppliers to the industry: sponsors product & installation certification programs.
Write in No. 1615

Wiemann Ironworks
918-592-1700; Fax: 918-592-2385
www.wiemanniron.com
Tulsa, OK 74104

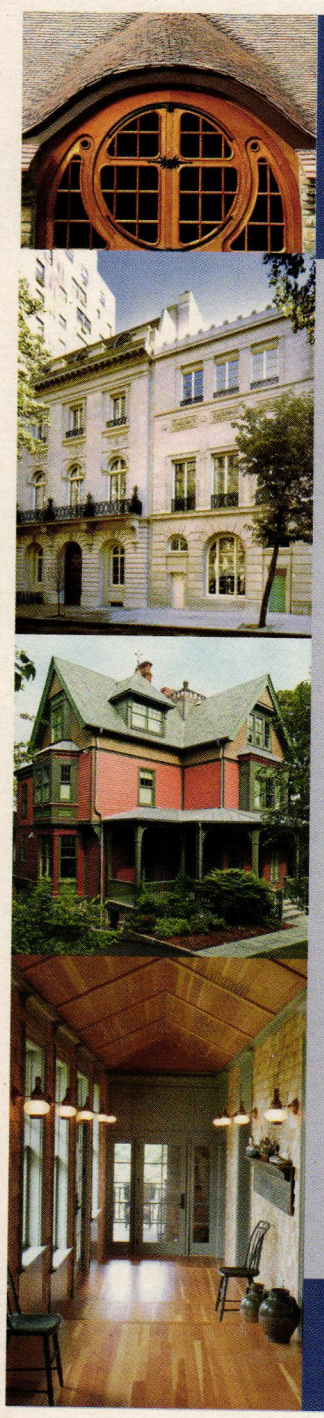
Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, balustrades, lighting, grilles, doors, hardware, fireplace tools, arbors & more; cast & wrought metal alloys in a range of finishes; since 1940
Write in No. 1223

WRITE IN NO. 338

WRITE IN NO. 5470

If you'd like to order a
gift
subscription
for a colleague,
just call
800-548-0148

When contacting companies you've seen in the issue, please tell them you saw their listing in *Period Homes*.



Flooring

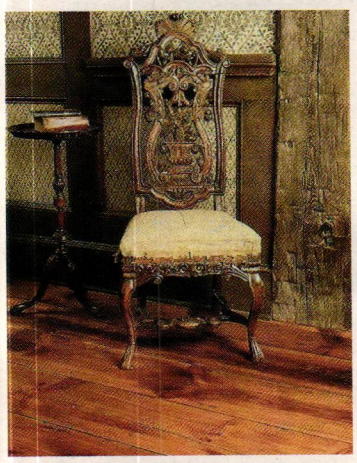
Go to www.period-homes.com to order product literature, and click on "Free Product Literature" or fill out the card at page 34. To order literature from all of the companies listed here, enter No. 9783.

American Restoration Tile, Inc.
501-455-1000; Fax: 501-455-1004
www.restorationtile.com
Mabelvale, AR 72103

Manufacturer of custom ceramic tile for restoration & new construction: mosaics; floor, wall, subway, kitchen & bath tile; custom matching of glazed & unglazed tile; all sizes.
Write in No. 172

Antique & Vintage Woods of America
518-398-0049; Fax: 518-398-4011
www.antiqueandvintagewoods.com
Pine Plains, NY 12567

Supplier of reclaimed & recycled lumber: wide-plank flooring in various species up to 20 ft. long; Signature brand antique plank in tobacco barn oak, chestnut, mushroom wood & other species; hand-hewn & sawn beams up to 42 ft.
Write in No. 1424



This signature antique eastern white pine floor was supplied by Antique & Vintage Woods.

Architectural Products by Outwater, LLC
800-835-4400; Fax: 800-835-4403
www.outwater.com
Bogota, NJ 07603

Manufacturer of 65,000+ decorative building products: architectural moldings & millwork, columns & capitals, wrought-iron components, balustrading, door & shutter hardware, lighting, ceiling tile, furniture & cabinet components, carvings, arbors & more.
Write in No. 5008

Bear Creek Lumber
800-597-7191; Fax: 509-997-2040
www.bearcreeklumber.com
Winthrop, WA 98862

Supplier of wood flooring, paneling, roofing, fencing, new & recycled timbers & decking: hand-split, machine-cut & fancy-cut butt fire- & rot-retardant-treated shakes & shingles; quartersawn clapboard & siding; post & beam.
Write in No. 521

Bear Creek Lumber supplied this hardwood flooring.

Brandt, Sylvan LLC
717-626-4520; Fax: 717-626-5867
www.sylvanbrandt.com
Lititz, PA 17543

Supplier of 18th- & 19th-century building materials salvaged from old houses & barns: columns, doors, mantels, sinks & bathtubs; antique & resawn flooring; antique heart pine, ancient oak, chestnut, white pine & hemlock; radiators; since 1960.
Write in No. 3950

Carlson's Barnwood Co.
309-522-5550; Fax: 309-522-5123
www.carlsonsbarnwood.com
Cambridge, IL 61238

Supplier of recycled barn-wood planks, re-milled antique flooring, dimensional lumber & timbers in various shades & types: cupolas, porch poles, siding, milled & barn lumber, flooring & paneling in pine & oak.
Write in No. 2744

Carlson's Barnwood supplied this antique Americana mixed-species inlay and the antique oak flooring that surrounds it.

Carreaux du Nord
920-553-5303; No fax
www.carreauxdunord.com
Two Rivers, WI 54241

Manufacturer of handmade art tile for fireplaces, kitchen & bathroom walls & backsplashes & floor accent: many designs, including Arts & Crafts; since 1995.
Write in No. 1131

Chestnut Specialists, Inc.
860-283-4209; Fax: Same as phone
www.chestnutspec.com
Plymouth, CT 06782

Supplier of re-milled flooring from antique barn lumber: authentic antique planks, hewn beams, weathered siding, original flooring, antique heavy timber & salvaged logs for milling.
Write in No. 8780

This random-width plank chestnut flooring was fabricated from hand-selected antique re-milled lumber from Chestnut Specialists.

Country Road Associates, Ltd.
845-677-6041; Fax: 845-677-6532
www.countryroadassociates.com
Millbrook, NY 12545

Supplier of 19th-century reclaimed flooring materials: white pine, hemlock, heart pine, white oak, chestnut & walnut; widths from 3-18 in.; hand-hewn beams & barn siding; cabinetry & farm tables.
Write in No. 7480

Country Road Associates provides wide-plank antique wood flooring for historic homes.

Hochstetler Milling
419-368-0004; Fax: 419-994-4831
www.hochstetlermilling.net
Loudonville, OH 44842

Supplier of new barn timbers: oak up to 40 ft. long; planed & rough sawn; 2x6 & 1x6 tongue-&-groove knotty pine.
Write in No. 259

Lumber Liquidators, Inc.
800-FLOORING; Fax: 757-566-0621
www.lumberliquidators.com
Toano, VA 23168

Manufacturer of hardwood flooring: exotic & domestic wood; Bellawood comes with a 50-year warranty; cork flooring; grilles; maple & cherry butcher blocks; 75 locations nationwide.
Write in No. 1261

Lumber Liquidators supplied this Bellawood prefinished hardwood flooring, which is available in a variety of wood species and grades.

Rawles-Aden Building Products, Inc.
800-446-1818; Fax: 804-861-9108
www.rawles-aden.com
Petersburg, VA 23803

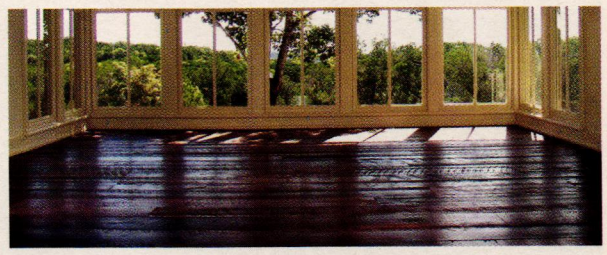
Distributor of hardwood & softwood flooring: all species; specializes in unfinished & prefinished pine; hardwood & composite decking; columns & porch posts.
Write in No. 1593

Superior Moulding, Inc.
800-473-1415; Fax: 818-376-1314
www.superiormoulding.com
Van Nuys, CA 91411

Supplier of standard & custom moldings & more: embossed, sculpted & polyfoam moldings; columns, capitals, ceiling medallions, niches, domes, corbels, windows, doors, stair parts, hardwood flooring & more.
Write in No. 138

What It's Worth, Inc.
512-328-8837; Fax: Same as phone
www.wiwpine.com
Austin, TX 78716

Manufacturer of antique longleaf pine flooring: Old Reveal, a rustic-grade floor that displays old saw marks; clear, defect-free quartersawn flooring; timbers.
Write in No. 1442



This wide-plank Old Reveal flooring was supplied by What It's Worth.

Interior Elements, Ornament & Finishes

Go to www.period-homes.com to order product literature, and click on "Free Product Literature" or fill out the card at page 34. To order literature from all of the companies listed here, enter No. 9784.

1.800.COLUMNS
800-265-8667; Fax: 910-763-3191
www.1800columns.com
Wilmington, NC 28401

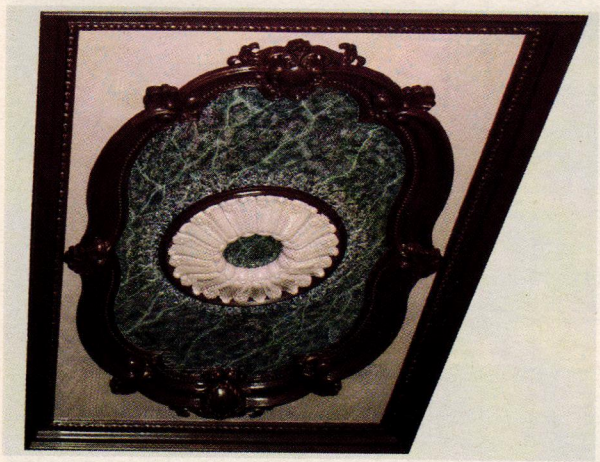
Catalog distributor of architectural products: Chadsworth Columns, Hartmann-Sanders Authentic Architectural Columns, PolyStone Columns, PolyStone Balustrade Series & classic pergolas; millwork; job-site delivery & worldwide shipping.
Write in No. 1580 for PolyStone; 180 for wood

American Restoration Tile, Inc.
501-455-1000; Fax: 501-455-1004
www.restorationtile.com
Mabelvale, AR 72103

Manufacturer of custom ceramic tile for restoration & new construction: mosaics; floor, wall, subway, kitchen & bath tile; custom matching of glazed & unglazed tile; all sizes.
Write in No. 172

Architectural Products by Outwater, LLC
800-835-4400; Fax: 800-835-4403
www.outwater.com
Bogota, NJ 07603

Manufacturer of 65,000+ decorative building products: architectural moldings & millwork, columns & capitals, wrought-iron components, balustrading, door & shutter hardware, lighting, ceiling tile, furniture & cabinet components, carvings, arbors & more.
Write in No. 5008



This lightweight ceiling medallion from Architectural Products by Outwater is made of high-density polyurethane.

Carreaux du Nord
920-553-5303; No fax
www.carreauxdunord.com
Two Rivers, WI 54241

Manufacturer of handmade art tile for fireplaces, kitchen & bathroom walls & backsplashes & floor accent: many designs, including Arts & Crafts; since 1995.
Write in No. 1131

This glazed tile with a tulip design was handmade by Carreaux du Nord.

Chadsworth Columns
800-486-2118; Fax: 910-763-3191
www.chadsworth.com
Wilmington, NC 28402

Manufacturer of authentically correct architectural columns: complete line of columns, piers, pilasters & posts; interior & exterior; variety of sizes, styles & materials; 4 different grade levels of wood columns; interior molded ornament; millwork.
Write in No. 1580 for PolyStone; 180 for wood

Chelsea Decorative Metal Company
713-721-9200; Fax: 713-776-8661
www.thetinman.com
Houston, TX 77074

Manufacturer of pressed-tin ceilings, walls & backsplashes: stamped-metal sheets in 2x4-ft. sections; cornices in 4-ft. lengths, 2-9-in. widths; 6-, 12- & 24-in. repeat patterns; Victorian, Art Deco & other styles; shipped anywhere.
Write in No. 190

Many traditionally styled tin-ceiling patterns from Chelsea Decorative Metal feature hand-painted finishes.

Columns.com
910-763-7600; Fax: 910-763-3191
www.columns.com
Wilmington, NC 28401

Internet distributor of architectural products: columns, pilasters, decorative capitals, moldings, millwork, balustrades & pergola kits; job-site delivery & worldwide shipping; quick-ship program available for some items.
Write in No. 1585

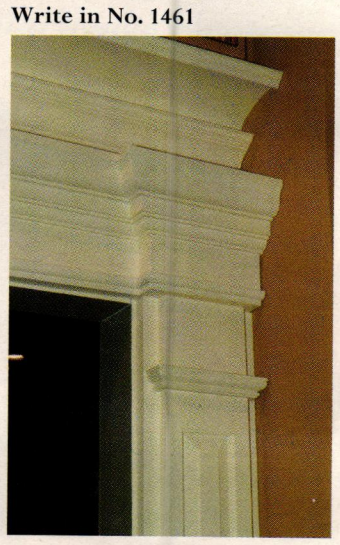
Decorators Supply Corp.
773-847-6300; Fax: 773-847-6357
www.decoratorssupply.com
Chicago, IL 60609

Supplier of 14,000 patterns for period architectural elements & molded ornament: cornices, columns, capitals, mantels, ornamental ceilings, niches, domes, brackets & corbels; plaster of Paris, wood & compo; since 1893.
Write in No. 210

Decorators Supply manufactured this hand-cast plaster cornice and floral decoration.

Fypon
800-537-5349; Fax: 419-445-4440
www.fypon.com
Archbold, OH 43502

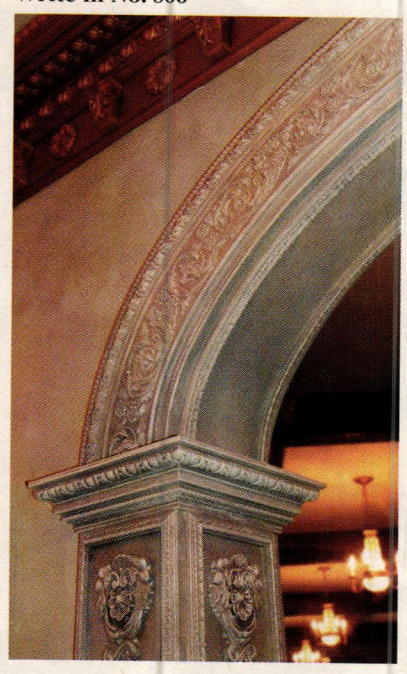
Manufacturer of more than 4,000 molded architectural elements: window features, balustrades, turnings, ceilings, brackets, vents & more; high-density polymer & other polymers; load-bearing polymer/steel columns with 12-in. maximum dia.
Write in No. 1461



This interior door surround from Fypon's Biltmore Collection is made of urethane.

Goodwin Associates
585-248-3320; Fax: 585-387-0153
www.goodwinassociates.com
Rochester, NY 14618

Supplier of interior & exterior architectural building products: columns, capitals, balustrade systems, moldings, domes, medallions, metal ceilings & more; polyurethane, wood & fiberglass; stock & custom.
Write in No. 806



Goodwin Associates supplied this faux-finish entryway with decorative gold-leaf molding.

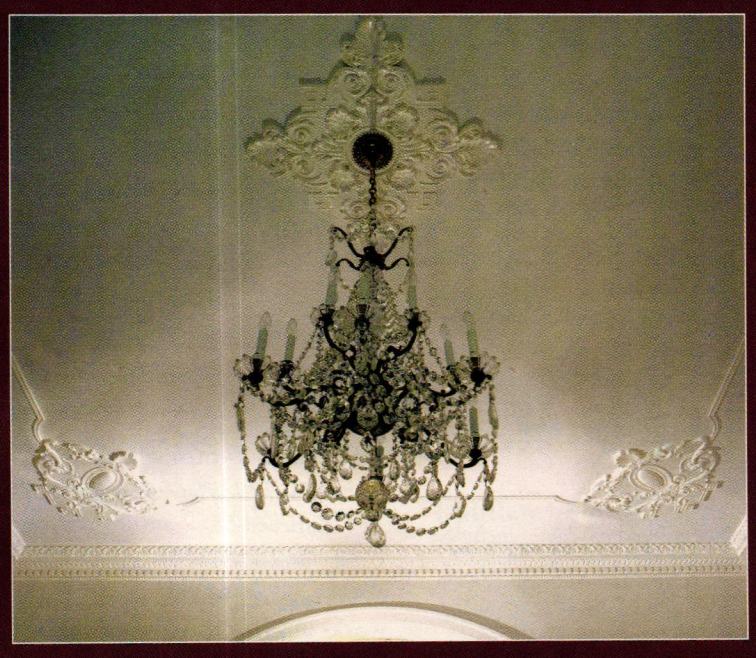
Haddonstone (USA) Ltd.
719-948-4554; Fax: 719-948-4285
www.haddonstone.com
Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, balustrades, sculpture, columns, capitals, porticoes, cornices, weathervanes, molding, trim, molded panels & more; custom components.
Write in No. 4020

NIKO Contracting Co.
412-687-1517; Fax: 412-687-7969
www.nikocontracting.com
Pittsburgh, PA 15213

Nationwide contractor, fabricator & installer of architectural sheet metal & roofing: slate, tile, metal & other roofing; ornamental ceilings, cresting, finials, cornices, cupolas, domes, steeples & snowguards.
Write in No. 8300

The Master Touch



Artistic ~ Authentic ~ Affordable

For more than a century, designers and architects have enriched their projects with accent elements created by the DECORATORS SUPPLY CORPORATION. Today we offer replicas of some fifteen thousand original designs produced in varied materials. • Readily installed by tradespeople and do-it-yourselfers. • Uses: period restoration, remodeling, new building projects. • $35.00 for our six book set of illustrated catalogs.

DECORATORS SUPPLY CORPORATION

Providing Architects and Decorators Fine Detailed Replicas of Exquisite Hand Carvings for Over a Century

3610 South Morgan, Chicago, Illinois 60609 (p) 773-847-6300 or (f) 773-847-6357

www.decoratorssupply.com

WRITE IN NO. 210

NEW SERVICES WEBSITE!

Traditional Building Magazine's

tradweb

CUSTOM BUILDING & RESTORATION SERVICES

Announcing a New Way to...

- Get More, Better Clients Coming to You
- Find the Specialized Custom Services You Need

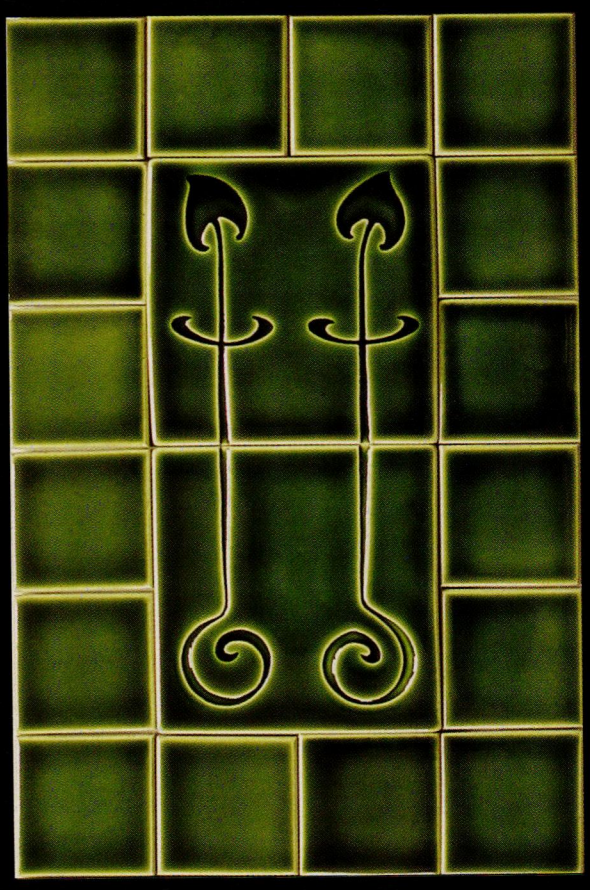
The online TRADWEB Services Directory website offers:

- Free listings for all Design, Building, and Preservation Professionals
- Many optional Listing upgrades and illustrated Project Portfolio opportunities
- Keyword-based Internet advertising spots available.

Contact Dorian Henao at 718-636-0788, ext. 39.
Or e-mail: dhenao@restoremedia.com.

To register, edit or upgrade your TRADWEB Services Directory listing, logon to

www.tradwebdirectory.com



CARREAUX DU NORD

Fine Art Tile for architecture

since1995

920 553 - 5303

CARREAUXDUNORD.COM

WRITE IN NO. 1131

Hugh Lofting Timber Framing, Inc.
610-444-5382; Fax: 610-869-3589
www.hughloftingtimberframe.com
West Grove, PA 19390

Designer & manufacturer of timber frames: private homes, additions, barns, studios, arbors & more; mortise-&-tenon joinery; many wood species.
Write in No. 663

James Peters & Son, Inc.
215-739-9500; Fax: 215-739-9779
www.jamespetersandson.com
Philadelphia, PA 19122

Manufacturer of period-style hardware: for exterior shutters, doors, windows, gates, garages & barns; new reproduction hardware; wrought steel with black finish & wrought iron.
Write in No. 1240

Kayne & Son Custom Hardware, Inc.
828-667-8868; Fax: 828-665-8303
www.customforgedhardware.com
Candler, NC 28715

Custom fabricator of door, barn, garage, gate, furniture, cabinet, shutter & window hardware: hand-forged steel, copper & bronze or cast bronze; repair, restoration & reproduction work; fireplace equipment; grilles; catalog $5.

King Architectural Metals
800-542-2379; Fax: 800-948-5558
www.kingmetals.com
Dallas, TX 75228

Wholesale supplier of ornamental & architectural metal components: for wrought-iron staircases, handrails, gates, fences, mailboxes, doors, screens, awnings & fireplace screens; cast-iron, aluminum & plastic finials.
Write in No. 270

King Architectural Metals fabricated this gate with scroll components and spear points.

Liberty Ornamental Products
800-636-5470; Fax: 419-636-2365
www.libertyornamental.com
Bryan, OH 43506

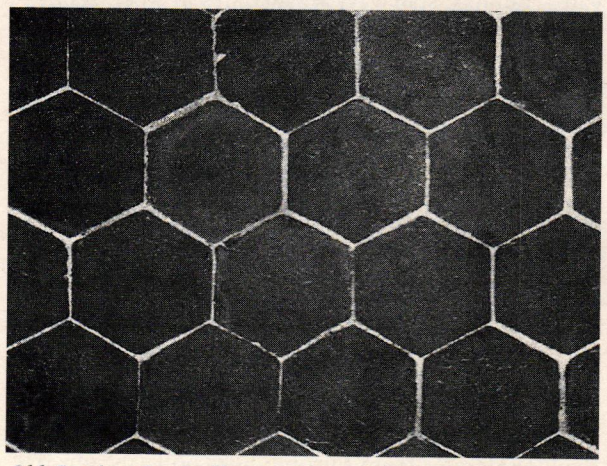
Fabricator of precision die-cast ball tops, caps, finials, shoes & more: fences, gates & ornamental assemblies; 1/2- to 4-in. sizes; parts are exact fit, die cast with non-rusting pewter finish; plastic ornamental finials & scrolls.
Write in No. 5340

New Concept Louvers Inc.
801-489-0614; Fax: 801-489-0606
www.newconceptlouvers.com
Springville, UT 84663

Manufacturer of virtually maintenance-free, PVC-coated aluminum & copper cupolas & louvers: stock & custom shapes & sizes; weathervanes, finials, flashing, gutter chains, leader heads, mailboxes, address plaques, dormer vents, chimney caps & door wraps.
Write in No. 1264

Old Carolina Brick Co.
704-636-8850; Fax: 704-636-0000
www.handmadebrick.com
Salisbury, NC 28147

Manufacturer of handmade brick, pavers & fireplace fronts: 12 styles of pavers; special shapes, glazed headers & arches; fired with coal to provide bisques & unique colors; custom sizes in any quantity; restoration.
Write in No. 3130



Old Carolina Brick offers a selection of pavers for outdoor applications.

Pietra del Mar, Inc.
949-675-0600; Fax: 949-685-0601
www.pietradelmar-ca.com
Corona del Mar, CA 92625

Fabricator of hand-carved stone elements: mantels, columns, capitals, balustrades, niches, fountains & garden elements.
Write in No. 1619

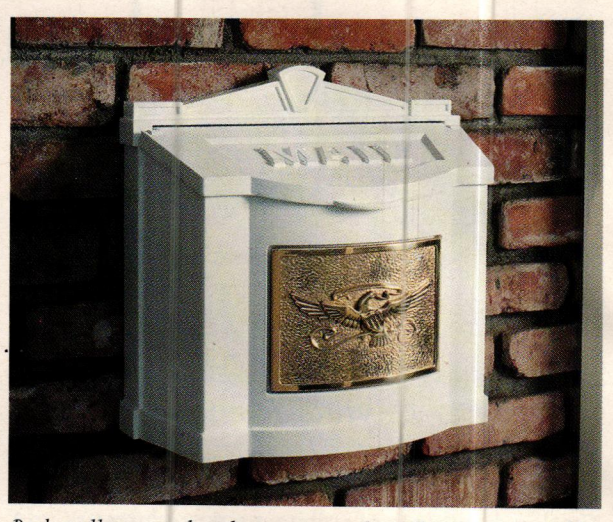
This traditionally styled fountain was fabricated by Pietra del Mar.

Schwartz's Forge & Metalworks, Inc.
315-841-4477; Fax: 315-841-4694
www.schwartzsforge.com
Deansboro, NY 13328

Custom fabricator of architectural metalwork: straight, spiral & curved stairs; doors, railings, newel posts, gates, fencing, grilles & fountains; forged bronze, Monel, steel & stainless steel; restoration work.
Write in No. 1218

Signature Hardware
866-475-9715; Fax: 800-682-6826
www.signaturehardware.com
Erlanger, KY 41017

Direct distributor of traditional cast-iron & acrylic kitchen & bath items: bathtubs, porcelain sinks, brass faucets, shower rods & rings; mailboxes; floor registers & air returns; decorative door & window hardware; electric & gas lighting.
Write in No. 576



Both wall-mounted and post-mounted mailboxes are available from Signature Hardware.

Steptoe & Wife Antiques, Ltd.
800-461-0060; Fax: 416-780-1814
www.steptoewife.com
Toronto, ON, Canada M6B 1V9

Supplier of cast-iron architectural elements: spiral & straight stairs, stair kits, railings, gazebos, gates, grilles, fireplace grilles, arbors, cresting, columns & capitals; cast aluminum, bronze & wrought iron/steel.
Write in No. 470

This metal gate was supplied by Steptoe &Wife.

Wiemann Ironworks
918-592-1700; Fax: 918-592-2385
www.wiemanniron.com
Tulsa, OK 74104

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, balustrades, lighting, grilles, doors, hardware, fireplace tools, arbors & more; cast & wrought metal alloys in a range of finishes; since 1940
Write in No. 1223

Wiemann's custom-made aluminum belvedere measures 12½ ft. in dia. and has a bronze painted finish.

The 2009 PALLADIO AWARDS

Honoring Excellence in Traditional Residential Design

Co-produced by *Period Homes* and *Traditional Building* and the Traditional Building Exhibition and Conference

Categories:

- Restoration & Renovation
- Adaptive Reuse &/or Sympathetic Addition
- New Design & Construction – less than 5,000 sq.ft.
- New Design & Construction – more than 5,000 sq.ft.
- Exterior Spaces: Gardens & Landscapes
- Multi-Unit

The deadline for entries is November 14, 2008.

For details on the Awards program, judging criteria, submission requirements and deadlines, go to

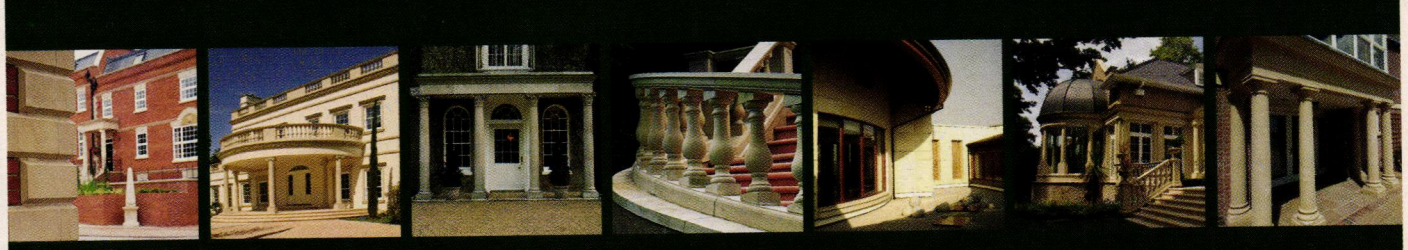
www.palladioawards.com

Style Redefined

If you want performance with style from cast stone, Haddonstone redefines the standard.
From balustrading, quoins, columns, porticos, door and window surrounds to custom architectural designs.
Haddonstone is sometimes surprising, always stylish.

Acquire our 200 page catalog or a CD Rom with full technical information
by registering on www.haddonstone.com or calling (719) 948-4554.

HADDONSTONE



HADDONSTONE (USA) LTD · 32207 UNITED AVENUE · PUEBLO · CO 81001 · (719) 948 4554 · info@haddonstone.com
COLORADO · NEW JERSEY · NORTHAMPTONSHIRE

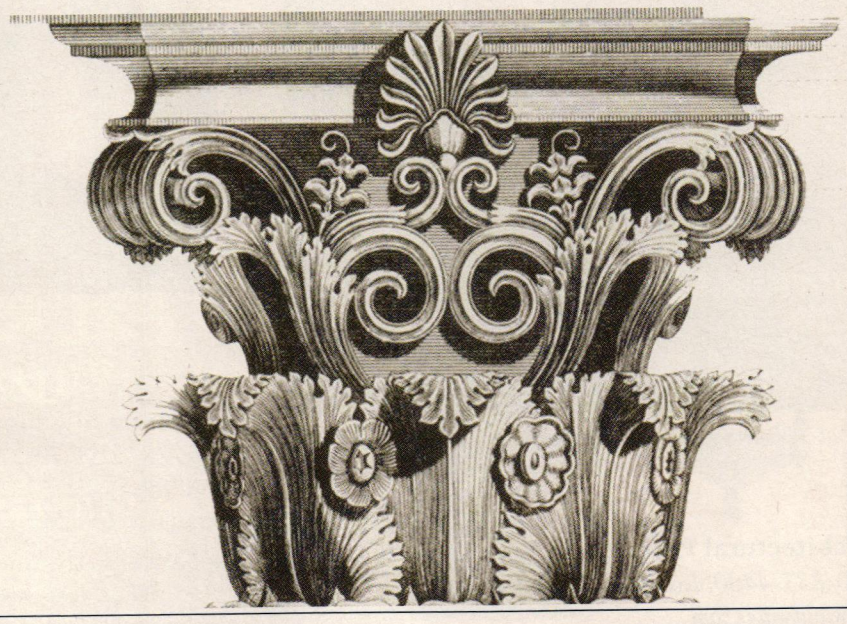
WRITE IN NO. 4020

www.period-homes.com

Visit the new Period Homes website

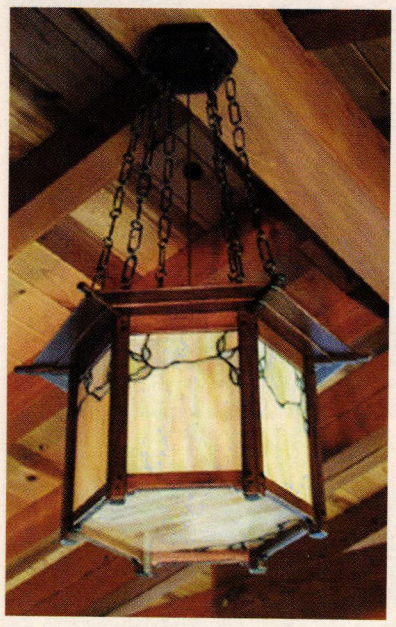
Browse Product Databases, Product Galleries and Top Product Searches. Get the latest in *Period Homes* News and register for upcoming Webinars.

The Professional's Resource for Residential Architecture



Craftsmen Hardware Co.
660-376-2481; Fax: 660-376-4076
www.craftsmenhardware.com
Marceline, MO 64658

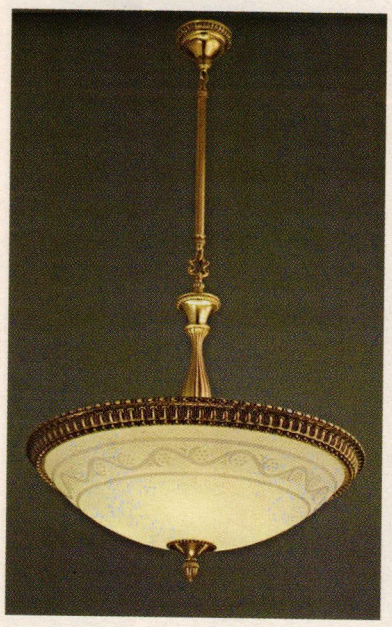
Custom fabricator of Arts & Crafts-style lighting & copper hardware: chandeliers, sconces, lanterns & building-mounted fixtures; knobs, escutcheons, locksets, hinges, door knockers, doorbells, levers & drapery hardware; grilles.
Write in No. 6980



This handcrafted copper Arts & Crafts-style fixture was designed and fabricated by Craftsmen Hardware.

Crenshaw Lighting
540-745-3900; Fax: 540-745-3911
www.crenshawlighting.com
Floyd, VA 24091

Manufacturer of custom lighting fixtures in all styles: design services; historic restoration & reproduction; on-site services.
Write in No. 1128



This bowl fixture from Crenshaw Lighting features traditional egg-and-dart cast-brass banding and a white etched-glass bowl.

Crown City Hardware Co.
626-794-1188; Fax: 626-794-1439
www.restoration.com
Pasadena, CA 91104

Supplier of hardware: glass knobs, bin pulls & door & window hardware; wrought iron/steel & brass; antique; Victorian & Arts & Crafts styles; switch plates & switches.
Write in No. 432

Dahlhaus Lighting, Inc.
718-218-6651; Fax: 718-218-6653
www.dahlhaus-lighting.com
Brooklyn, NY 11211

Distributor of cast-aluminum vintage lighting & site furnishings: street lamps & lanterns; doorbells & number plates; bollards, fountains, ornament & mailbox designs from Europe; light bollards; electric & custom gas fixtures.
Write in No. 2767

Dahlhaus Lighting manufactured this ornate European-style lantern and bracket.

Deep Landing Workshop
877-778-4042; Fax: 410-778-4070
www.deeplandingworkshop.com
Chestertown, MD 21620

Designer & manufacturer of interior & exterior lighting fixtures: stylized reproductions rooted in the Colonial style.
Write in No. 809

This lantern from Deep Landing Workshop measures 32 in. tall x 13¾ in. deep.

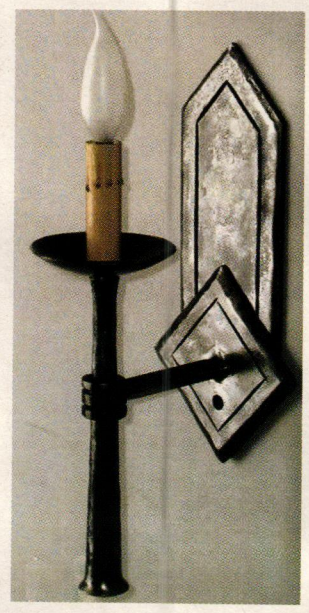
Federalist, The
203-625-4727; Fax: 203-629-8775
www.thefederalistonline.com
Greenwich, CT 06830

Supplier of interior & exterior lighting fixtures: handmade reproductions of 18th- & 19th-century-style ceiling-hung & wall- & post-mounted fixtures; gas & electric lanterns, chandeliers, sconces & more; period finishes; custom.
Write in No. 2833

This 18-in.-tall hexagonal two-light lantern from The Federalist is a reproduction of a ca. 1750 fixture.

Fine Architectural Metalsmiths
845-651-7550; Fax: 845-651-7857
www.iceforge.com
Chester, NY 10918

Custom fabricator of metalwork: gates, fencing, railings, lanterns, chandeliers, sconces, fire screens, kitchen equipment & more; forged iron, bronze, copper & stainless steel; specialty finishes; design through installation services.
Write in No. 2640



This pre-wired wall torchère from Fine Architectural Metalsmiths features a hand-hammered candle cup above a tapered base.

Guerin, P.E.
212-243-5270; Fax: 212-727-2290
www.peguerin.com
New York, NY 10014

Manufacturer of handmade period hardware: furniture, door, window & builders' hardware; bathroom fixtures & accessories; tables & objets d'art; handcrafted interior lighting fixtures; since 1857; catalog $25.
Write in No. 343

Heritage Lanterns
800-544-6070; Fax: 207-846-9732
www.heritagelanterns.com
Yarmouth, ME 04096

Manufacturer of handcrafted brass, copper & pewter lighting: reproductions of 18th- & early-19th-century fixtures; brackets, wall mounts, ceiling lights, chandeliers & post lights; rain protection, concealed wiring & more.
Write in No. 1231

Historical Arts & Casting, Inc.
800-225-1414; Fax: 801-280-2493
www.historicalarts.com
West Jordan, UT 84088

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.
Write in No. 1210

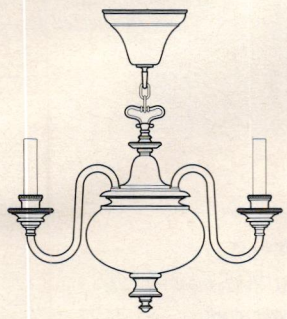
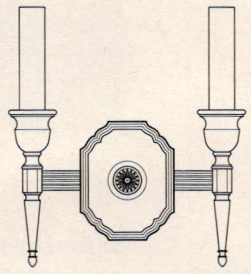
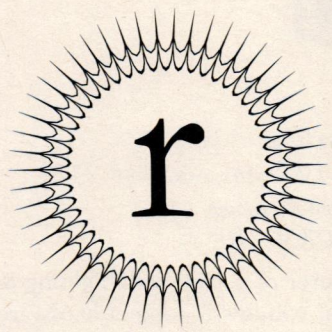
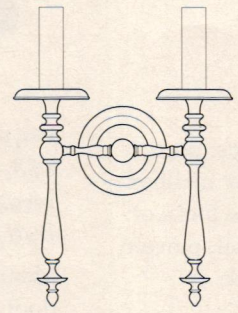
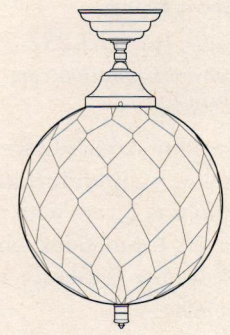
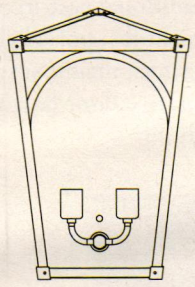
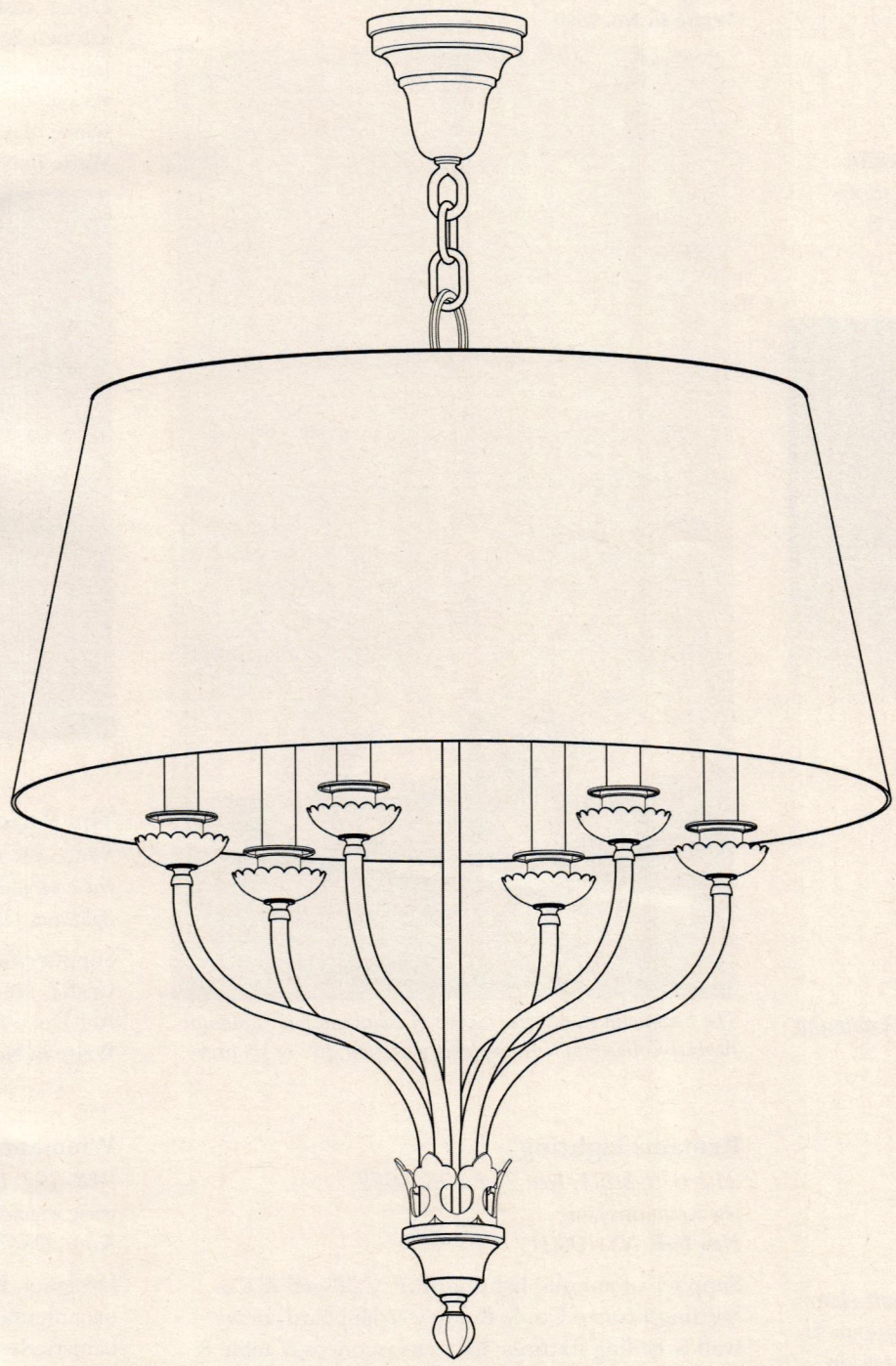
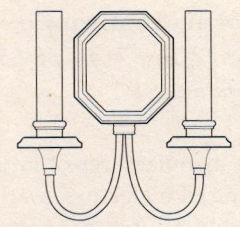
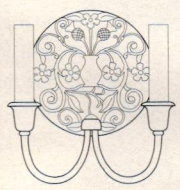
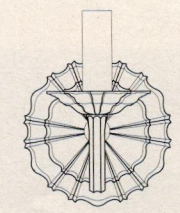
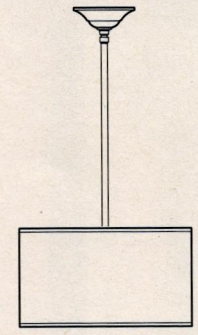
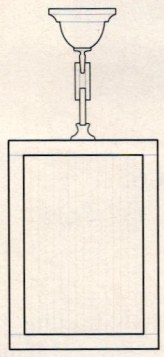
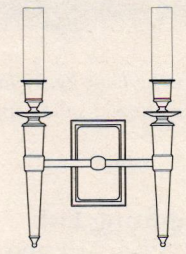
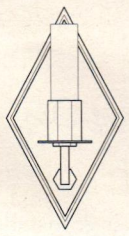
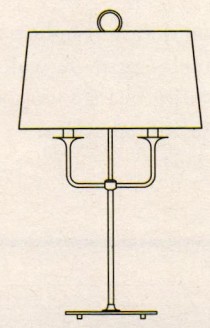
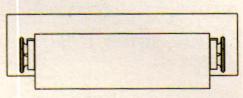
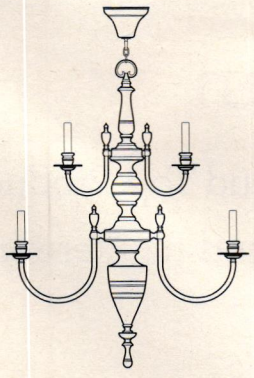
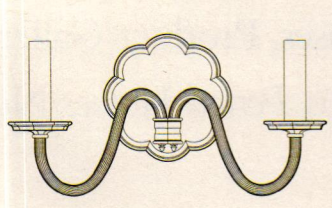
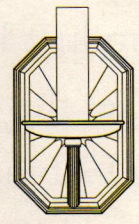
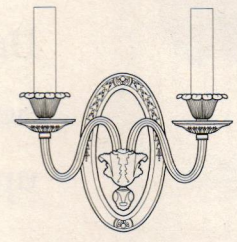
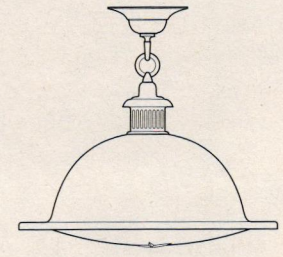
Historical Arts & Casting custom fabricated this bronze and crystal light fixture.

REMAINS LIGHTING

PERMANENT & ANTIQUE COLLECTIONS

NEW YORK • GREENWICH • CHICAGO • LOS ANGELES • LONDON

212.675.8051 WWW.REMAINS.COM

A SELECT FEW FROM OUR
EXTENSIVE COLLECTION OF FINE
MODERN AND ANTIQUE FIXTURES

ABOVE: IBEX CHANDELIER, PERMANENT COLLECTION

WRITE IN NO. 1342

House of Antique Hardware
888-223-2545; Fax: 503-233-1312
www.houseofantiquehardware.com
Portland, OR 97232

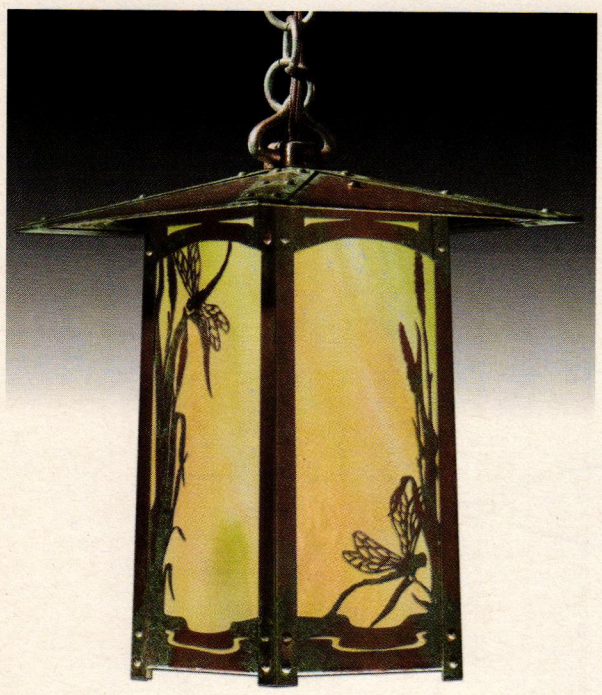
Supplier of door, window, cabinet, furniture, electrical & bath hardware: original antique & vintage reproductions; Federal, Victorian & Arts & Crafts styles; hardware specialists available to assist with renovation projects.
Write in No. 339

Maguire Iron Corp.
510-234-7569; Fax: 510-232-7519
www.maguireironcorporation.com
Sparks, NV 89432

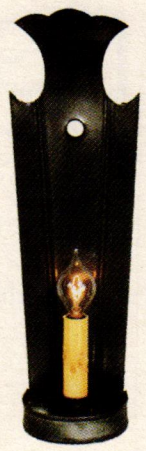
Supplier of traditional hardware & lanterns: door, cabinet, window, shutter, furniture, gate & mailbox hardware; knobs & levers with compatible locks of various backsets & functions; wrought-iron, pewter, rust, brass & bronze finishes; custom work.
Write in No. 7600

Old California Lantern Co.
800-577-6679; Fax: 714-771-5714
www.oldcalifornia.com
Orange, CA 92867

Designer & manufacturer of interior & exterior lighting inspired by history & architecture: more than 875 exclusive Arts & Crafts-, Cottage- & Western-style designs.
Write in No. 8068



The new Cobblestone Lane Series lantern from Old California Lantern is handcrafted in solid copper.



Olde Mill Lighting fabricated this 15-in.-tall x 5-in.-wide sconce, model #LC28.

Rejuvenation
888-401-1900; Fax: 800-526-7329
www.rejuvenation.com
Portland, OR 97210

Manufacturer of period-style lighting & hardware: door, bath, window & cabinet hardware; Victorian, Colonial Revival, Neoclassical, Arts & Crafts, Art Deco & Atomic Age; 12 finishes; direct delivery.
Write in No. 7630

The Buchanan chandelier is part of Rejuvenation's Colonial Revival Collection; it is available with four, five or six arms.

Olde Mill Lighting Ltd.
717-299-2512; Fax: 717-299-5822
www.oldemilllighting.com
Lancaster, PA 17602

Supplier of handcrafted lighting: reproduction chandeliers & exterior post- & wall-mounted lanterns & sconces; aged tin, brass & copper; Early American, country & traditional styles.
Write in No. 2664

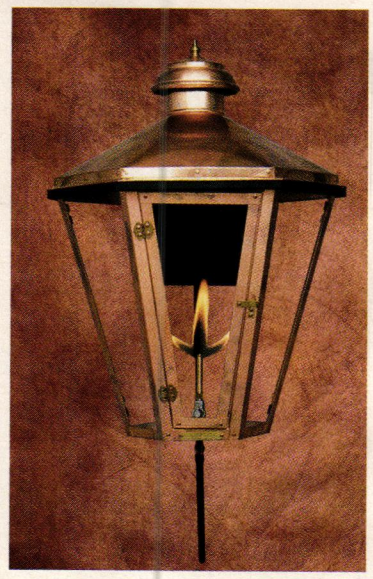
Remains Lighting
212-675-8051; Fax: 212-675-8052
www.remains.com
NewYork, NY 10001

Supplier of antique lighting: E.F. Caldwell & Co., Sterling Bronze Co. & Bradley & Hubbard; new wall & ceiling fixtures; lanterns, sconces & table & floor lamps; Jacobean through Art Moderne styles; UL certified.
Write in No. 1342

This lantern with polished-nickel fittings and clear mouth-blown glass is available from Remains Lighting; the glass is wrapped in hand-woven wire fabric, referencing historic factory lighting, where glass was netted for safety.

Signature Hardware
866-475-9715; Fax: 800-682-6826
www.signaturehardware.com
Erlanger, KY 41017

Direct distributor of traditional cast-iron & acrylic kitchen & bath items: bathtubs, porcelain sinks, brass faucets, shower rods & rings; mailboxes; floor registers & air returns; decorative door & window hardware; electric & gas lighting.
Write in No. 576



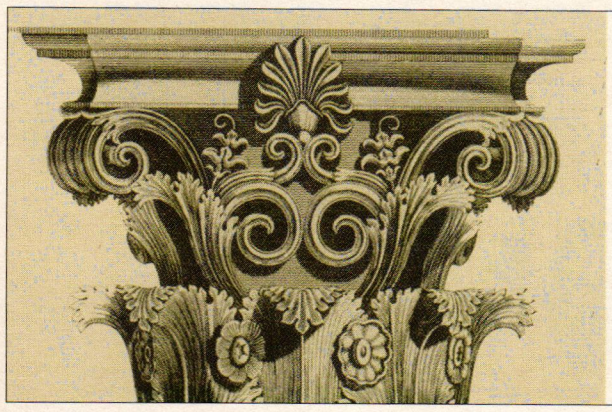
The Apollo I post-mount gas lantern from Signature Hardware measures 20 in. tall x 16 in. wide x 14 in. deep.

The Period Arts Fan Co.
888-588-3267; Fax: 541-482-8418
www.periodarts.com
Ashland, OR 97520

Supplier of traditionally styled ceiling fans: Arts & Crafts, Neoclassical, Art Nouveau, Bauhaus, French Art Deco & more styles.
Write in No. 1837

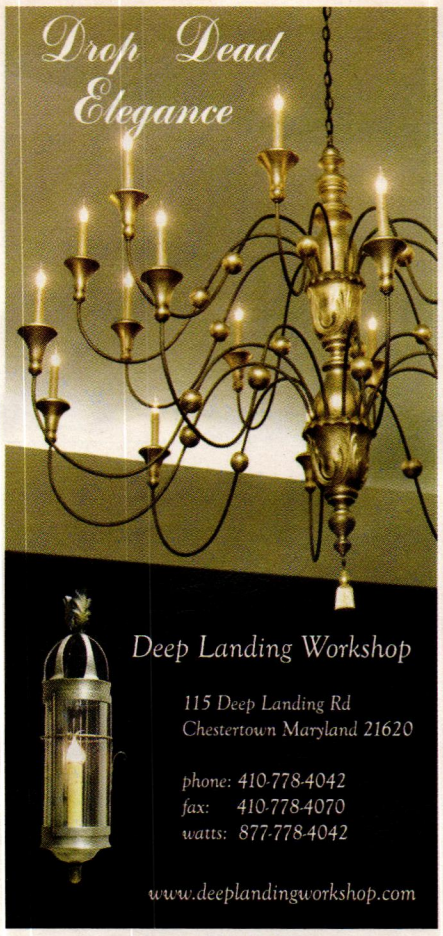
Wiemann Ironworks
918-592-1700; Fax: 918-592-2385
www.wiemanniron.com
Tulsa, OK 74104

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, balustrades, lighting, grilles, doors, hardware, fireplace tools, arbors & more; cast & wrought metal alloys in a range of finishes; since 1940
Write in No. 1223



www.period-homes.com

Browse Product Databases, Product Galleries and Top Product Searches. Get the latest in *Period Homes* News and register for upcoming Webinars.



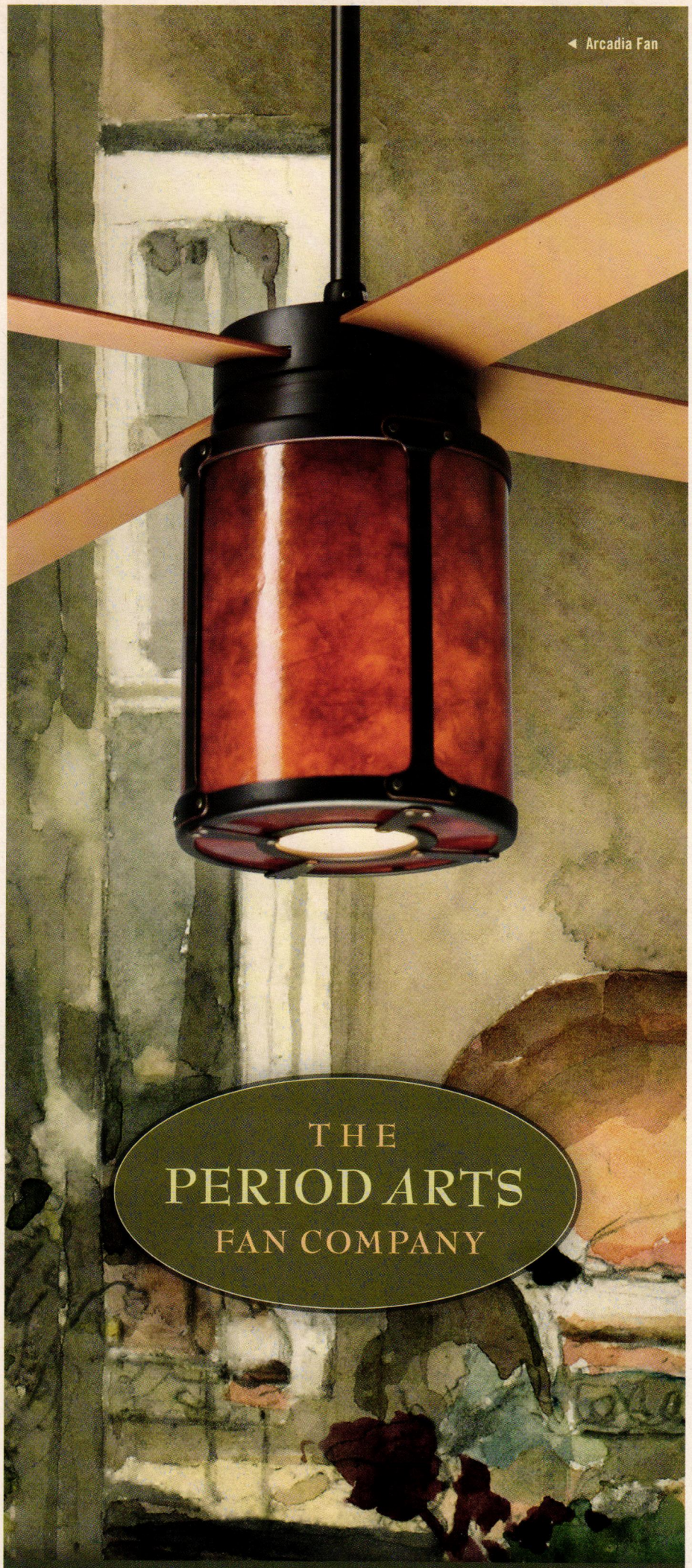
WRITE IN NO. 809

When contacting companies you've seen in the issue, please tell them you saw their listing in *Period Homes.*

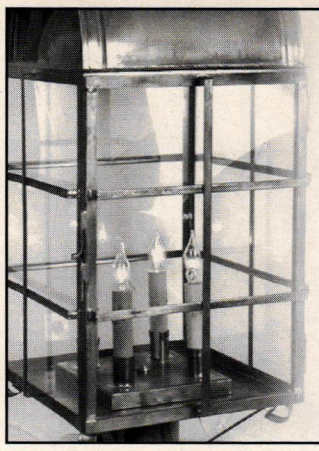
WRITE IN NO. 7630

WRITE IN NO. 2767

WRITE IN NO. 60



WRITE IN NO. 1837



Juried Member PA Guild of Craftsmen

Handcrafted
Early American Designs

Interior & Exterior
Period Fixtures

Lifetime Guarantee
On Craftsmanship

Olde Mill Lighting

105 Strasburg Pike, Lancaster, PA 17602
717.299.2512

visit us at www.oldemilllighting.com

WRITE IN NO. 2664

www.period-homes.com

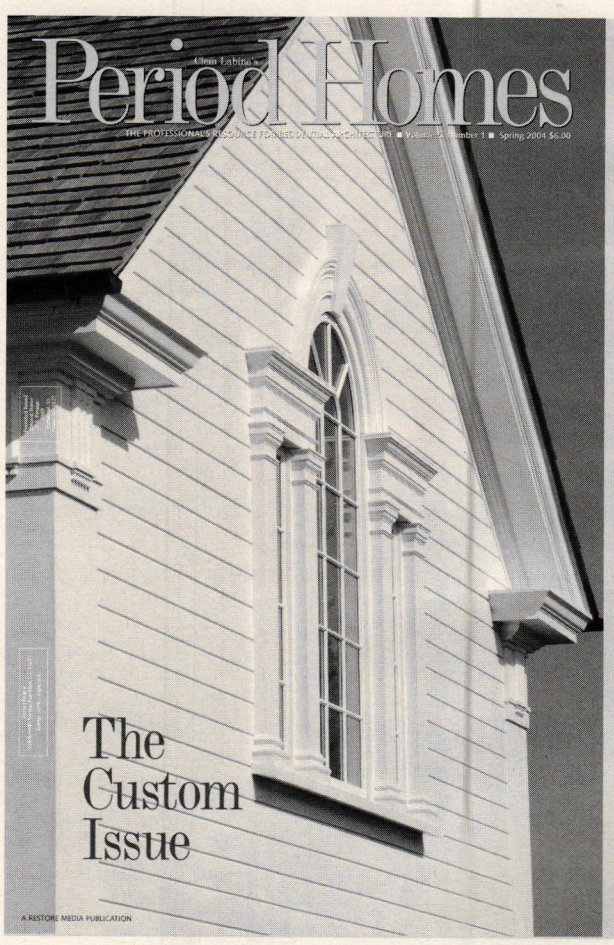
Internet Gateway to Historical Products

The central website for historically styled products and services on the internet includes products used for restoration, renovation and new construction. There's more information and links to historical products than you'll find on any other site.

- Searchable Product Database with 112 product categories and 371 companies
- 162 online product brochures
- Links to 272 companies and related organizations
- In-depth Product Report of the Month
- E-mail order form for Product Literature

Log onto and then bookmark:

www.period-homes.com

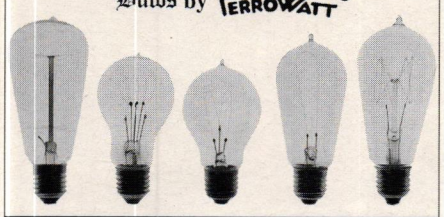


If you'd like
to order a
gift subscription
for a colleague,
just call

800-548-0148

When **contacting** companies you've seen in the issue, please **tell them** you saw their listing in **Period Homes.**

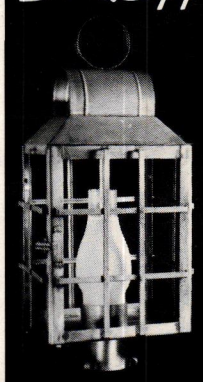
Classic Antique Reproduction
Bulbs by FERROWATT®



1-800-221-9092
www.ferrowatt.com

WRITE IN NO. 2240

Josiah JR. Coppersmythe



Hand Crafted
Early American
Lighting Fixtures

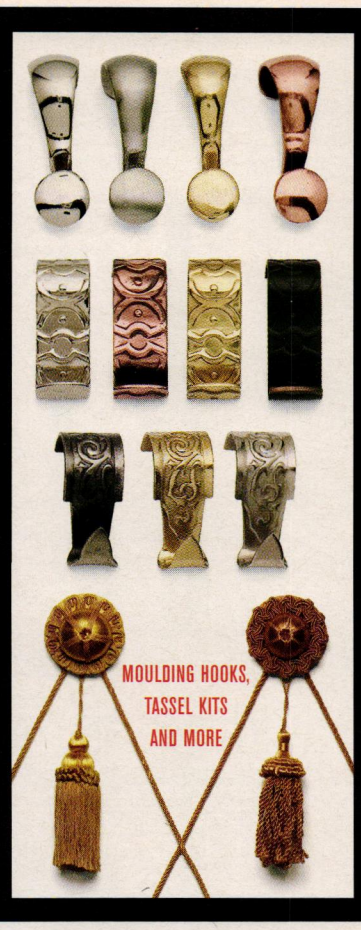
1033p - 25" high
POSTLIGHT
$210.00

75 Other Styles
Five Finishes
Catalog $3.00

508• 432• 8590
10 MILL POND RD., HARWICH, MA 02645
www.jrcoppersmythe.com

Classic Accents
MANUFACTURERS OF THE PUSHBUTTON SWITCH • EST 1984

PUSHBUTTON LIGHT SWITCHES AVAILABLE WITH DIMMER, SINGLE OR 3-WAY
OVER 25 STYLES OF COVER PLATES—DECORATIVE, PLAIN AND SOLID BRASS



MOULDING HOOKS, TASSEL KITS AND MORE

P. O. BOX 1181, DEPT. OHI04, SOUTHGATE, MI 48195
(P) 800.245.7742 • (F) 734.284.7305 • (E) classicaccents@bignet.net
CALL FOR A FREE CATALOGUE • VISIT OUR WEBSITE AT
classicaccents.net

WRITE IN NO. 371

Call for Entries
2009
Palladio Awards

Honoring Excellence
in Traditional
Residential Design

Co-produced by
Period Homes & *Traditional Building*
and Traditional Building
Exhibition and Conference

The Palladio Awards are named in honor of Andrea Palladio, the Renaissance architect who created modern architecture for his time while using models from the past for inspiration and guidance.

Categories:

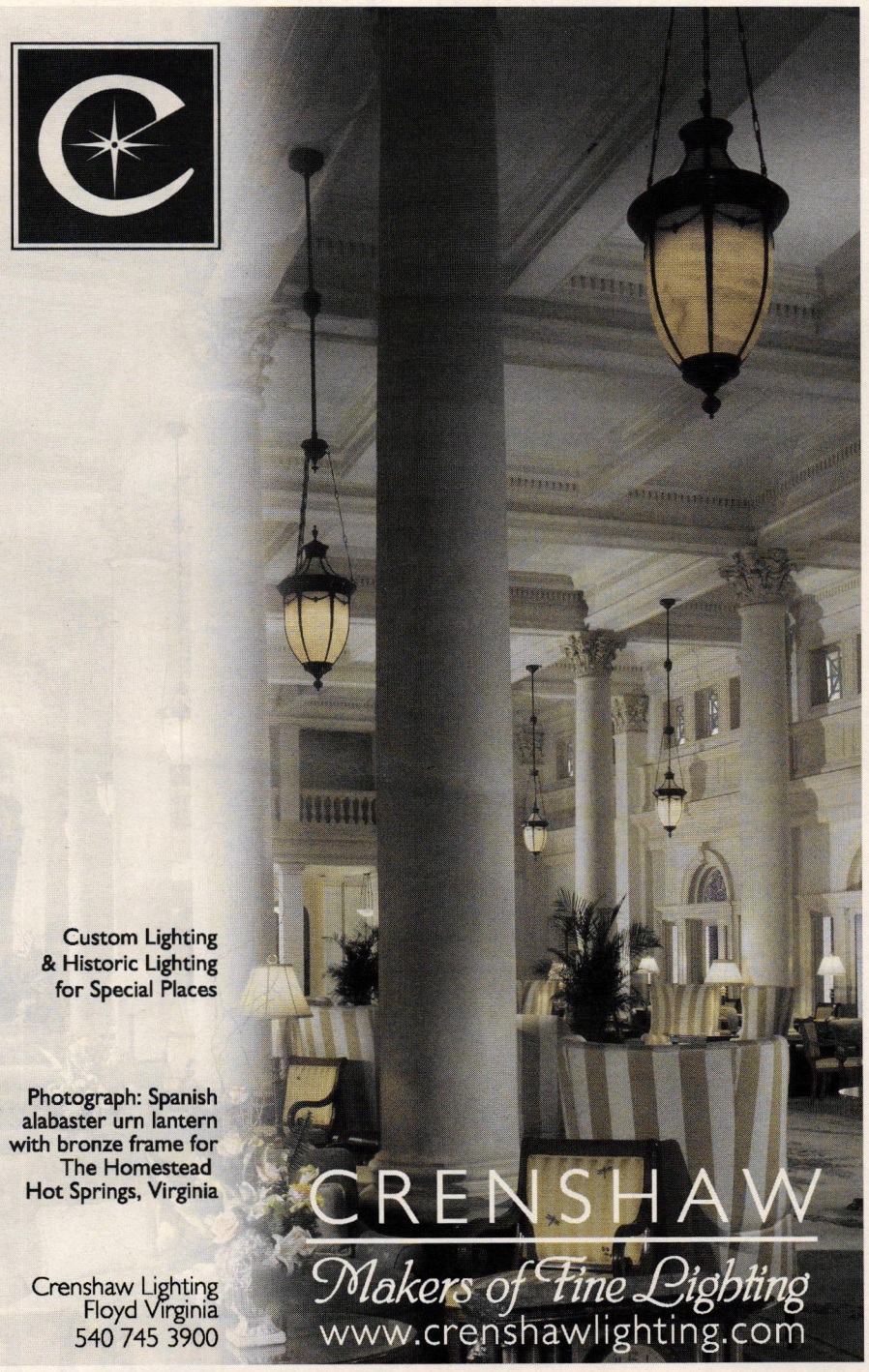
- **Restoration & Renovation**
- **Adaptive Reuse &/or Sympathetic Addition**
- **New Design & Construction – less than 5,000 sq.ft.**
- **New Design & Construction – more than 5,000 sq.ft.**
- **Exterior Spaces: Gardens & Landscapes**
- **Multi-Unit**

Corresponding awards will also be made for commercial, institutional and public projects.

The deadline for entries is November 14, 2008.

For details on the Awards program, judging criteria and submission requirements, go to

www.palladioawards.com



Custom Lighting
& Historic Lighting
for Special Places

Photograph: Spanish alabaster urn lantern with bronze frame for The Homestead Hot Springs, Virginia

Crenshaw Lighting
Floyd Virginia
540 745 3900

CRENSHAW
Makers of Fine Lighting
www.crenshawlighting.com

WRITE IN NO. 1128

Clem Labine's
TRADITIONAL BUILDING
The Professional's Resource for Public Architecture

Traditional Building provides comprehensive lists of suppliers, artisans and craftspeople for historical products and services. Special issues focus on Public & Institutional Architecture, Hospitality & Commercial Interiors, Custom Services & Technology, Main Street & Landscapes, and Religious Buildings. Plus, the annual GuideBook puts it all into one valuable publication.

For more information, go to www.traditional-building.com or call 718-636-0788.

Add Value to Your Home with Heirloom Quality Lighting

Handcrafted lighting from Heritage Lanterns is a smart investment for your home. Our lights are skillfully handmade with the finest materials and attention to detail. Every light is made to order just for you to add beauty to your home and exceed your highest expectations.

Let Karla or David help you select the right fixtures for your home. Call **800-544-6070**, view our collection online, or stop by our shop in Yarmouth.

HERITAGE LANTERNS

Heritage Lanterns
25 Yarmouth Crossing Drive
Yarmouth, Maine 04096
www.heritagelanterns.com

WRITE IN NO. 1231

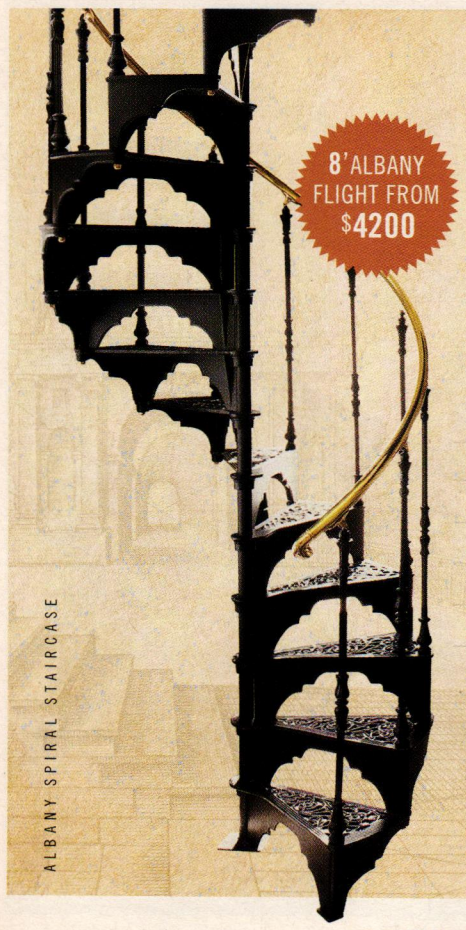
WIEMANN
IRONWORKS
SERVING A NATIONAL MARKET WITH FINE ORNAMENTAL METALWORK SINCE 1940

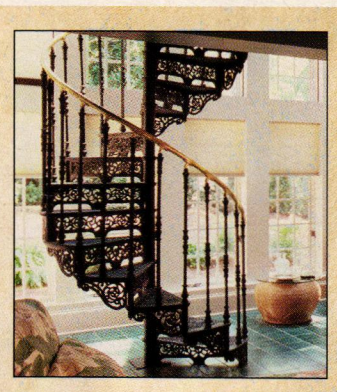
Custom Ornamental Metal Commissions in Cast and Wrought Bronze, Aluminum, and Iron

WIEMANN IRONWORKS

2620 EAST 11TH STREET
TULSA, OKLAHOMA 74104
(918) 592-1700
FAX (918) 592-2385
www.wiemanniron.com

WRITE IN NO. 1223





STEPTOE™ STAIRCASES

- Intricate historic design • Since 1972
- Spiral stair modular kits in 4' and 5' diameter
- Straight stairs in 4' or customized width
- Rugged cast iron construction
- Brass or steel handrail • Easy assembly

STEPTOE™ & WIFE ANTIQUES LTD.
ARCHITECTURAL RESTORATION PRODUCTS
90 TYCOS DRIVE, TORONTO, ON M6B 1V9
TEL: (416) 780-1707 • (800) 461-0060
info@steptoewife.com • www.steptoewife.com

WRITE IN NO. 470

Elegance That's Affordable

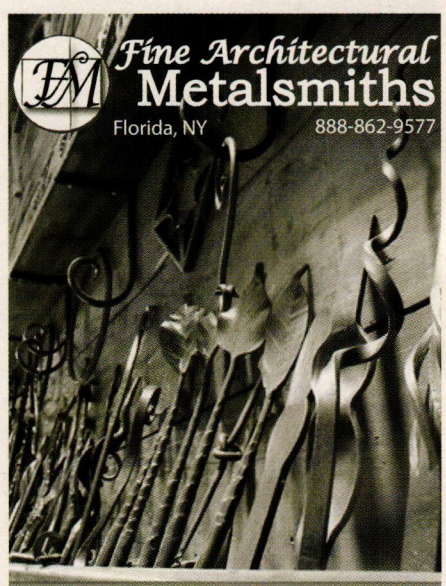
Finials • Ball Tops
Drive Caps • Shoes

The USA Zinc Quality Source

872 E. Trevitt Street
Bryan, OH 3506
Tel: (800) 636-5470
Fax: (419) 636-2365
www.libertyornamental.com
Call or Visit Our Website

LIBERTY ORNAMENTAL PRODUCTS

WRITE IN NO. 5340



Welcome
to our new online showroom

www.iceforge.com

WRITE IN NO. 2640

Fastest Way to Get Product Literature!

Order Free
Product Literature from this issue on the web

- Log onto www.period-homes.com
- Click on Free Product Literature
- Click on Product Literature Card from Current Issue

Your request will be e-mailed directly to the relevant suppliers, eliminating "snail mail" delays.

www.period-homes.com

If you'd like to order a **gift subscription** for a colleague, just call

800-548-0148

Plumbing, Bath & Heating

Go to www.period-homes.com to order product literature, and click on "Free Product Literature" or fill out the card at page 34. To order literature from all of the companies listed here, enter No. 9789.

Architectural Products by Outwater, LLC

800-835-4400; Fax: 800-835-4403
www.outwater.com
Bogota, NJ 07603

Manufacturer of 65,000+ decorative building products: architectural moldings & millwork, columns & capitals, wrought-iron components, balustrading, door & shutter hardware, lighting, ceiling tile, furniture & cabinet components, carvings, arbors & more.
Write in No. 5008

Manufactured with a peel-and-stick adhesive backing, Architectural Products by Outwater's 18x24-in. plastic backsplashes are easy to install.

Bathroom Machineries, DEA

209-728-2031; Fax: 209-728-2320
www.deabath.com
Murphys, CA 95247

Supplier of Early American & Victorian bathroom fixtures & accessories: antique & reproduction bathroom fixtures; tubs, high-tank toilets, pedestal sinks, medicine cabinets, mirrors & more; antique lighting.
Call for more information.

The Slipper Tub from Bathroom Machineries, DEA, is made of cast-iron with a porcelain finish.

Brandt, Sylvan LLC

717-626-4520; Fax: 717-626-5867
www.sylvanbrandt.com
Lititz, PA 17543

Supplier of 18th- & 19th-century building materials salvaged from old houses & barns: columns, doors, mantels, sinks & bathtubs; antique & resawn flooring; antique heart pine, ancient oak, chestnut, white pine & hemlock; radiators; since 1960.
Write in No. 3950

English Antique Imports

828-963-4274; No fax
www.englishantiqueimports.com
Boone, NC 28607

Importer & distributor of architectural antiques: garden statuary, chimney pots, English butlers' sinks & garden seating.
Write in No. 1277

Erik Wyckoff Artworks

612-617-0446; Fax: Same as phone
www.erikwyckoffartworks.com
Minneapolis, MN 55413

Custom designer & fabricator of hand-carved architectural woodwork: original entry, interior & wine-cellar doors; most wood species.
Write in No. 298

Erik Wykoff Artworks designs and manufactures custom hand-carved wine cellar and entry doors in styles ranging from French and Italian to Rustic and Alpine.

Fine Architectural Metalsmiths

845-651-7550; Fax: 845-651-7857
www.iceforge.com
Chester, NY 10918

Custom fabricator of metalwork: gates, fencing, railings, lanterns, chandeliers, sconces, fire screens, kitchen equipment & more; forged iron, bronze, copper & stainless steel; specialty finishes; design through installation services.
Write in No. 2640

WRITE IN NO. 6060

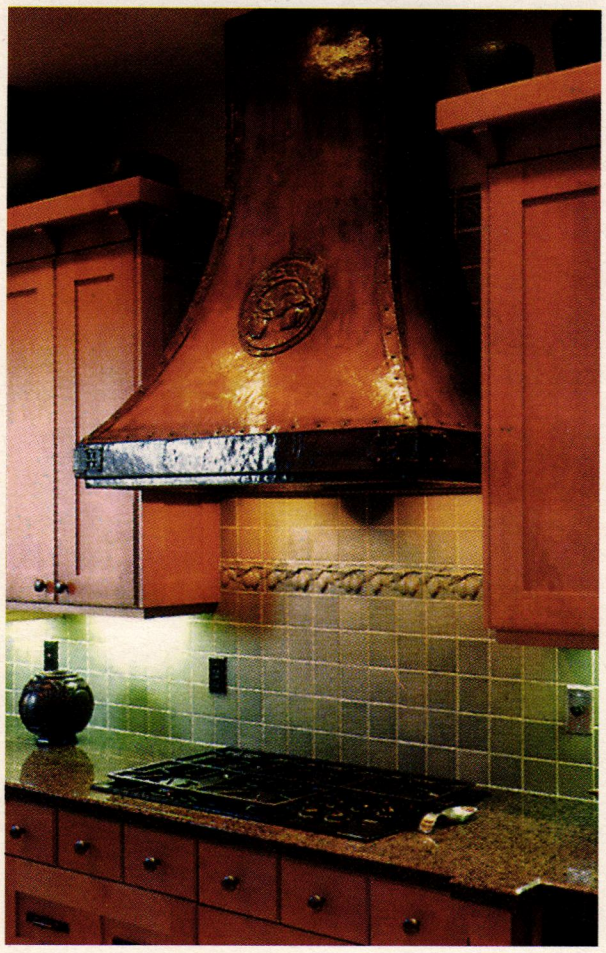
WRITE IN NO. 1464

Guerin, P.E.
212-243-5270; Fax: 212-727-2290
www.peguerin.com
New York, NY 10014

Manufacturer of handmade period hardware: furniture, door, window & builders' hardware; bathroom fixtures & accessories; tables & objets d'art; handcrafted interior lighting fixtures; since 1857; catalog $25.
Write in No. 343

Historical Arts & Casting, Inc.
800-225-1414; Fax: 801-280-2493
www.historicalarts.com
West Jordan, UT 84088

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.
Write in No. 1210



This rustic copper kitchen hood was designed and fabricated by Historical Arts & Casting.

House of Antique Hardware
888-223-2545; Fax: 503-233-1312
www.houseofantiquehardware.com
Portland, OR 97232

Supplier of door, window, cabinet, furniture, electrical & bath hardware: original antique & vintage reproductions; Federal, Victorian & Arts & Crafts styles; hardware specialists available to assist with renovation projects.
Write in No. 339

Lumber Liquidators, Inc.
800-FLOORING; Fax: 757-566-0621
www.lumberliquidators.com
Toano, VA 23168

Manufacturer of hardwood flooring: exotic & domestic wood; Bellawood comes with a 50-year warranty; cork flooring; grilles; maple & cherry butcher blocks; 75 locations nationwide.
Write in No. 1261

Monarch Products Co.
201-507-5551; Fax: 201-438-2820
www.monarchrad.com
Carlstadt, NJ 07072

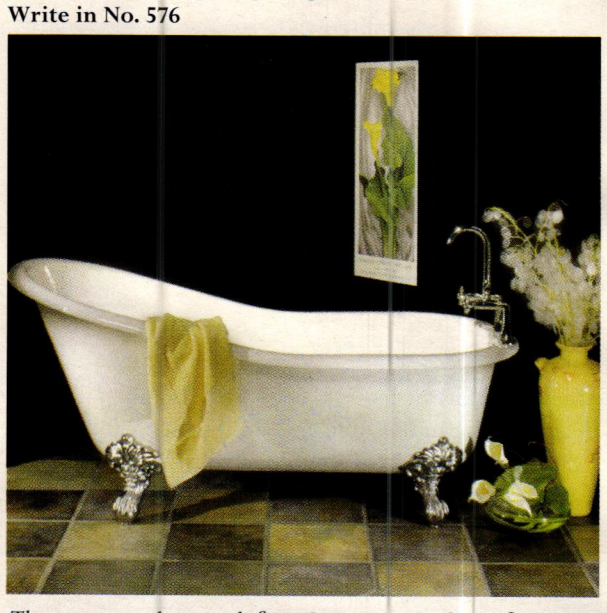
Manufacturer of all-steel radiator enclosures: grille front; 20 styles; many color options; baked-enamel finishes; stock & custom.
Write in No. 6060

Rejuvenation
888-401-1900; Fax: 800-526-7329
www.rejuvenation.com
Portland, OR 97210

Manufacturer of period-style lighting & hardware: door, bath, window & cabinet hardware; Victorian, Colonial Revival, Neoclassical, Arts & Crafts, Art Deco & Atomic Age; 12 finishes; direct delivery.
Write in No. 7630

Signature Hardware
866-475-9715; Fax: 800-682-6826
www.signaturehardware.com
Erlanger, KY 41017

Direct distributor of traditional cast-iron & acrylic kitchen & bath items: bathtubs, porcelain sinks, brass faucets, shower rods & rings; mailboxes; floor registers & air returns; decorative door & window hardware; electric & gas lighting.
Write in No. 576



This cast-iron slipper tub from Signature Hardware features an extended gentle-slope backrest; it is available with traditional ball-&-claw feet or imperial feet.

The Nanz Company
212-367-7000; Fax: 212-367-7375
www.nanz.com
New York, NY 10013

Designer & manufacturer of period-style door, window & cabinet hardware: Gothic to Modern; specialized finishes; bathroom fittings & accessories; works directly with architects, designers & builders; consultation, specification & restoration services.
Call for more information.

Unico System, Inc.
800-527-0896; Fax: 314-457-9000
www.unicosystem.com
St. Louis, MO 63111

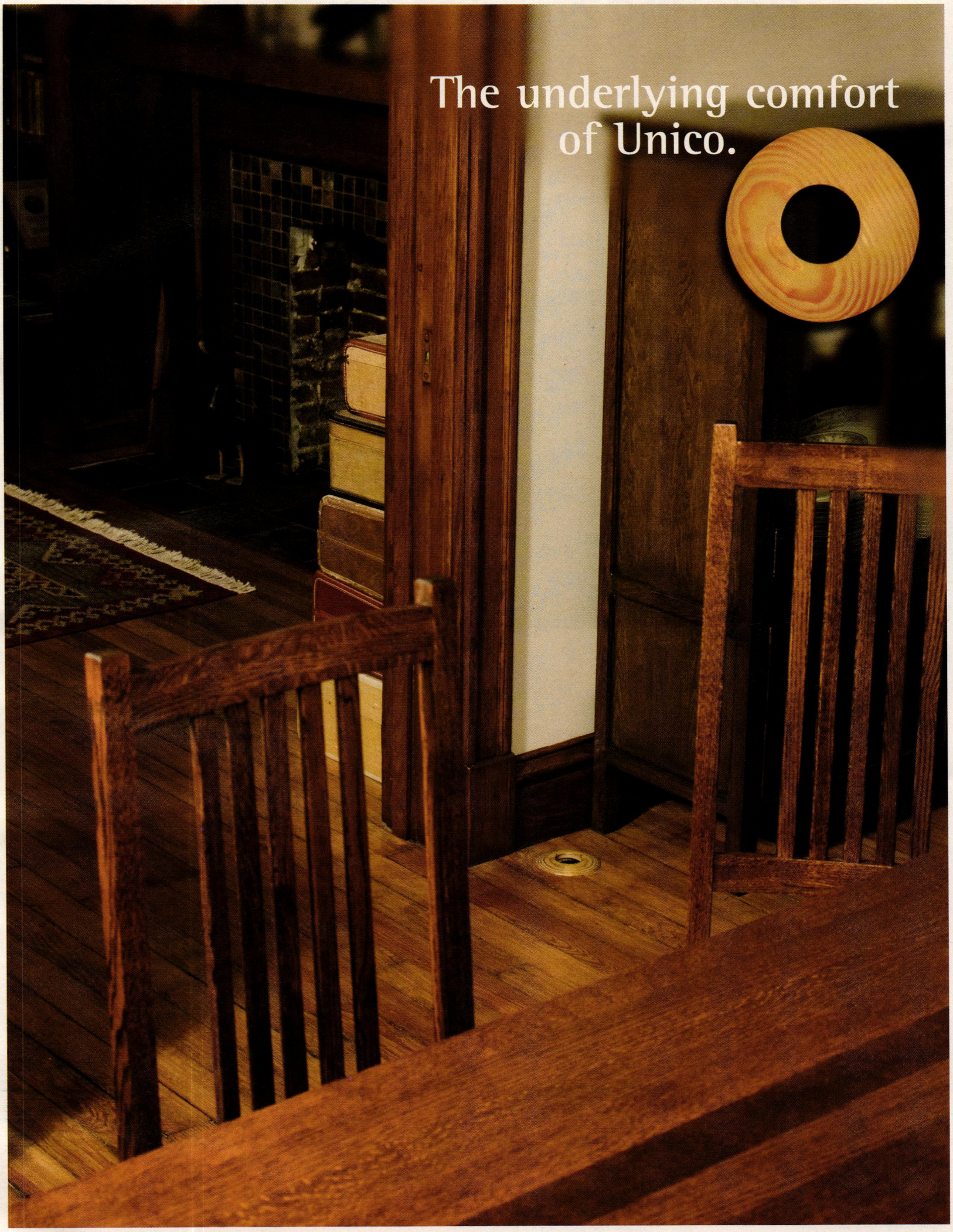
Supplier of mini-duct system: has small flexible hoses for retrofitting HVAC systems into old buildings.
Write in No. 1464

I · N · T · B · A · U

PATRON: HIS ROYAL HIGHNESS THE PRINCE OF WALES

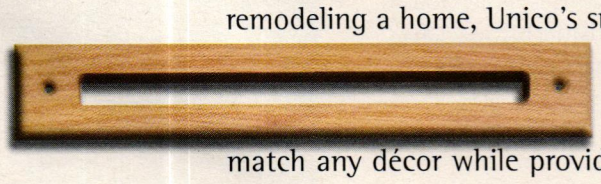
The International Network for Traditional Building, Architecture & Urbanism is a worldwide organization dedicated to the support of traditional building, the maintenance of local character and the creation of better places to live.

www.intbau.org



Easy to install. Fits any space. Matches any décor.

When comfort and quality matter, choose the Unico System. When remodeling a home, Unico's small-duct heating and air conditioning solution is perfect for your design. Our unique round and slotted outlets match any décor while providing a quiet, draft-free solution.



Your comfort begins at www.unicosystem.com

The Unico System®

Small-Duct Central Heating & Air Conditioning

800-527-0896

WRITE IN NO. 1464

Roofing & Roof Specialties

Go to www.period-homes.com to order product literature, and click on "Free Product Literature" or fill out the card at page 34. To order literature from all of the companies listed here, enter No. 9791.

Bear Creek Lumber
800-597-7191; Fax: 509-997-2040
www.bearcreeklumber.com
Winthrop, WA 98862

Supplier of wood flooring, paneling, roofing, fencing, new & recycled timbers & decking: hand-split, machine-cut & fancy-cut butt fire- & rot-retardant-treated shakes & shingles; quartersawn clapboard & siding; post & beam.
Write in No. 521

Fire-treated western red cedar roof shakes from Bear Creek Lumber were installed on this roof.

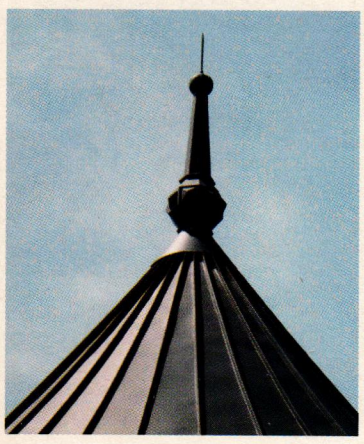
Classic Gutter Systems, LLC
269-665-2700; Fax: 269-665-1234
www.classicgutters.com
Kalamazoo, MI 49053

Manufacturer of oversized 5-, 6- & 8-in. half-round gutters in heavy-duty copper, aluminum & galvalume: hidden nut-&-bolt adjustable hanger system; several styles of cast fascia & downspout brackets & other components; snowguards.
Write in No. 1280

Classic Gutter Systems fashioned this elaborate half-round copper gutter with gold-patinated solid-brass trim and a rain deflector.

EJMcopper Inc.
407-447-0074; Fax: 407-447-0075
www.ejmcopper.com
Orlando, FL 32804

Manufacturer of custom architectural copper elements: handcrafted chimney caps, cupolas, finials, spires, dormer vents, leader heads, louvers, weathervanes, mailboxes, gutters & more; online catalog.
Write in No. 588



The Lancut copper finial is available from EJMcopper in four sizes, ranging from 24 to 72 in. tall.

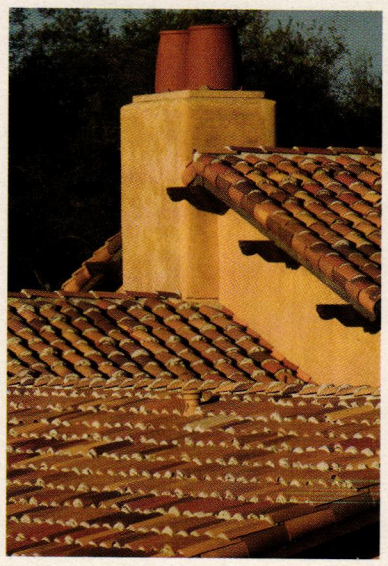
Fypon
800-537-5349; Fax: 419-445-4440
www.fypon.com
Archbold, OH 43502

Manufacturer of more than 4,000 molded architectural elements: window features, balustrades, turnings, ceilings, brackets, vents & more; high-density polymer & other polymers; load-bearing polymer/steel columns with 12-in. maximum dia.
Write in No. 1461

This ornamental cupola is from Fypon's new William E. Poole line, a collection of decorative and structural urethane products.

Gladding, McBean, Div. of Pacific Coast Bldg.
800-776-1133; Fax: 916-772-6718
www.gladdingmcbean.com
Roseville, CA 95747

Manufacturer of clay roof tile, terra cotta, chimney tops & caps, piazza floor tile & garden pottery: CAD drawings; color matching.
Write in No. 1453



Gladding, McBean's 18-in. Cordova Franciscan Blend Mudded was used on this building.

Glass House, LLC
800-222-3065; Fax: 860-974-1173
www.glasshouseusa.com
Pomfret Center, CT 06259

Fabricator of traditional conservatories, greenhouses, sunrooms, pool enclosures, roof lanterns, specialty skylights & glass roof systems: mahogany or aluminum frame; custom fabrication.
Write in No. 1870

Haddonstone (USA) Ltd.
719-948-4554; Fax: 719-948-4285
www.haddonstone.com
Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, balustrades, sculpture, columns, capitals, porticoes, cornices, weathervanes, molding, trim, molded panels & more; custom components.
Write in No. 4020

Historical Arts & Casting, Inc.
800-225-1414; Fax: 801-280-2493
www.historicalarts.com
West Jordan, UT 84088

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.
Write in No. 1210

King Architectural Metals
800-542-2379; Fax: 800-948-5558
www.kingmetals.com
Dallas, TX 75228

Wholesale supplier of ornamental & architectural metal components: for wrought-iron staircases, handrails, gates, fences, mailboxes, doors, screens, awnings & fireplace screens; cast-iron, aluminum & plastic finials.
Write in No. 270

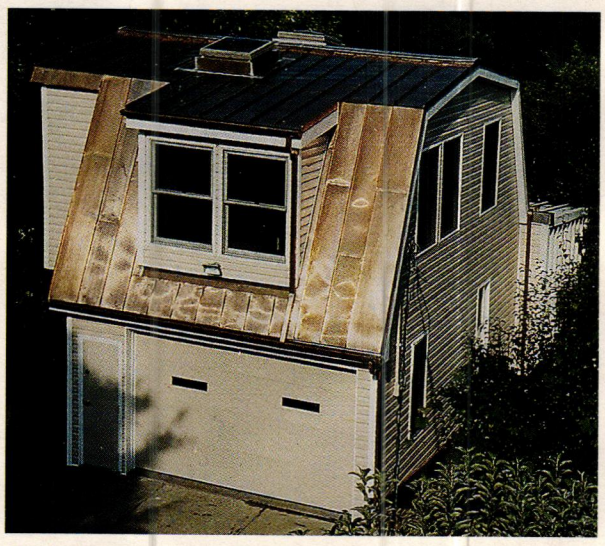
New Concept Louvers Inc.
801-489-0614; Fax: 801-489-0606
www.newconceptlouvers.com
Springville, UT 84663

Manufacturer of virtually maintenance-free, PVC-coated aluminum & copper cupolas & louvers: stock & custom shapes & sizes; weathervanes, finials, flashing, gutter chains, leader heads, mailboxes, address plaques, dormer vents, chimney caps & door wraps.
Write in No. 1264

New Concept Louvers manufactured this maintenance-free cupola.

NIKO Contracting Co.
412-687-1517; Fax: 412-687-7969
www.nikocontracting.com
Pittsburgh, PA 15213

Nationwide contractor, fabricator & installer of architectural sheet metal & roofing: slate, tile, metal & other roofing; ornamental ceilings, cresting, finials, cornices, cupolas, domes, steeples & snowguards.
Write in No. 8300



NIKO Contracting installed the copper standing-seam roof on this carriage house.

IceBlox Inc., D.B.A

SNOBLOX JAX™

The Originator of Polycarbonate Snow Guards

SnoBlox-SnoJax.com
1405 Brandton Road
Mechanicsburg, PA 17055
Ph: (800) 766-5291 Ph: (717) 697-1999
Fax: (717) 697-2452
www.snoblox.com www.snojax.com

FOR FREE INSTANT SNOW GUARD SPACING LAYOUTS VISIT SPACINGTOOL.COM

Stop Snow Slides on Metal Roofs

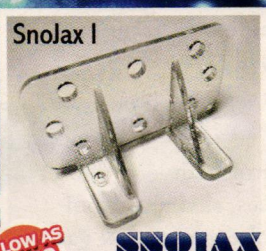
Without Snow Guards

With Snow Guards

SnoJax II

5.22" W x 3.25" H
The **first** polycarbonate, adhesive mounted snow guard, invented in 1985. Features an interchangeable mounting base.
Adhesive tested: 700 lbs.
Screw tested: 3750 lbs.
AS LOW AS $3.50

SnoJax I



5.22" W x 3.25" H
The **first** patented polycarbonate snow guard introduced in 1976 for mechanically fastened applications only.
Screw tested: 1800 lbs.
AS LOW AS $2.50

In Stock Deuce Colors
Dark Bronze, Red, Ligth Gray, Blue, Clear, White, Dark Gray, Hunter Green, Black.

Ace

Face: 5" W x 3" H
Base: 3" W x 5" L
Waffled base increases bonding power. "V" shape fits most panels and does not trap water.
Adhesive tested: 1449 lbs.
Screw tested: 4849 lbs.
AS LOW AS $2.50

Deuce

Face: 3" W x 2.5" H
Base: 1.5" W x 4" L
Fits most common 36" panels with 9" flats. Sits in flat area between minor ribs. No rib straddling.
Adhesive tested: 1379 lbs.
Screw tested: 3456 lbs.
AS LOW AS $1.75

StrapGuard Kit

For use on shingle and slate roofs. Kit includes 25 SnoBlox Deuce, 25 Galvanized Straps, 50 S.S. lock nuts/bolts and 1 tube of SB-1800 C sealant. User assembled. Strap can be cut to desired length.

IceJax II

5" W x 3" H
Based on the proven SnoJax II design. Features an interchangeable mounting base. Embossed logo enhances bonding power.
Adhesive tested: 1561 lbs.
Screw tested: 6388 lbs.
AS LOW AS $2.95

IceJax I

3" W x 2.5" H
Based on the proven SnoJax II design. Interchangeable mounting base. Fits most panel brands. Never undersold!
Adhesive tested: 500 lbs.
Screw tested: 4200 lbs.
AS LOW AS $1.50

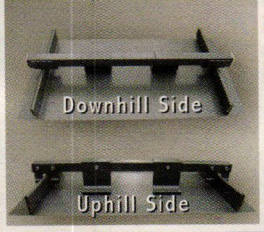
SureBond SB-190

Bonds:
5-8 SnoJax II
7-10 Ace
16-20 Deuce
5-8 IceJax II
16-20 IceJax I

SUREBOND

10.3 fl oz. caulking tube. Bonds SnoJax II, SnoBlox and IceJax to glossy coated Kynar™ painted metals with unmatched strength. Time and temperature constraints apply.
Tensile strength: 2000 lbs.

SnoBar / WindBar

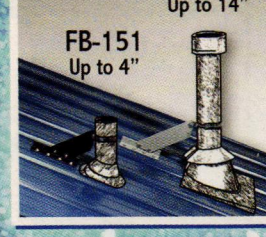


Color-matched stainless or galvanized steel. No seam penetrations! Lab and field tested. Attach year round! IceStoppers help prevent snow and ice from sliding under the bar.
SnoBar By Action Manufacturing, LLC.
Marketed By IceBlox, Inc.

ColorBar

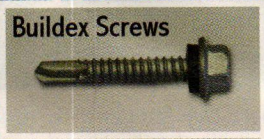
Features a Kynar™ painted "No Paint - No Wait" slide in, 2 inch metal strip. No seam penetrations! Attach year round! IceStoppers prevent snow and ice from sliding under the bar.
ColorBar By Action Manufacturing, LLC.
Marketed By IceBlox, Inc.

VentSaver P-383 Up to 14" FB-151 Up to 4"



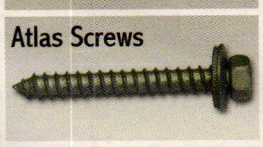
This ingenious product protects vents, chimneys and masts from snow and ice avalanche! Made from non-corrosive, powder coated, aircraft grade aluminum and stainless steel cable or strap.

Buildex Screws



Self Drilling #14 Buildex Maxiseal Carbon Steel Screws. 1/4-14 X 1-1/2 Maxiseal Teks/3, Climaseal.

Atlas Screws



#14 Atlas Carbon Steel Wood Screws with Oxyseal II. 1/4-14 X 2. Fitted bonded washer.

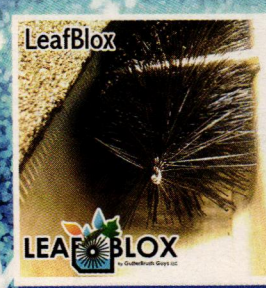
Everflex Sealant SB-1800 C

ONLY RECOMMENDED FOR SEALANT APPLICATIONS.

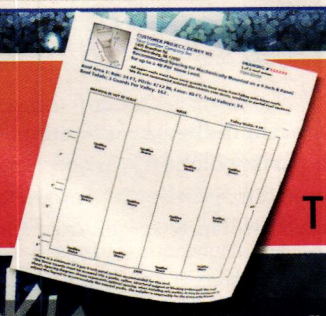
NOT RECOMMENDED FOR GLUE-DOWN SNOW GUARDS.

Ultra-fast 24-hour curing, one part, long-lasting cold weather sealant. Can be applied in temperatures from sub-zero to +180°F. Instantly weather and water resistant. Spot-weldable and non-flammable.

LeafBlox



This simple product helps eliminate gutter clogs caused by leaves and ice. Stiff LeafBlox bristles fill the gutter so leaves and large items pass right over. Avoid costly installs and gutter cleanings.



For FREE INSTANT Spacing Recommendations Visit
www.SPACING TOOL.com
The industry's first free INSTANT Snow Guard Spacing Tool.

*Prices shown reflect quantity discount. Visit www.SNOBLOX-SNOJAX.com to view snow guards price breaks.

Architect's Corner
Architects, be sure to check out www.SNOBLOX-SNOJAX.com/ARCHITECTS today.
Visit www.SPACINGTOOL.com for FREE INSTANT snow guard spacing layouts.

Made in USA

www.SNOBLOX.com www.SPACINGTOOL.com www.SNOJAX.com

Woodwork

Go to www.period-homes.com to order product literature, and click on "Free Product Literature" or fill out the card at page 34. To order literature from all of the companies listed here, enter No. 9796.

1.800.COLUMNS
800-265-8667; Fax: 910-763-3191
www.1800columns.com
Wilmington, NC 28401

Catalog distributor of architectural products: Chadsworth Columns, Hartmann-Sanders Authentic Architectural Columns, PolyStone Columns, PolyStone Balustrade Series & classic pergolas; millwork; job-site delivery & worldwide shipping.
Write in No. 1580 for PolyStone; 180 for wood

Antique & Vintage Woods of America
518-398-0049; Fax: 518-398-4011
www.antiqueandvintagewoods.com
Pine Plains, NY 12567

Supplier of reclaimed & recycled lumber: wide-plank flooring in various species up to 20 ft. long; Signature brand antique plank in tobacco barn oak, chestnut, mushroom wood & other species; hand-hewn & sawn beams up to 42 ft.
Write in No. 1424

Bear Creek Lumber
800-597-7191; Fax: 509-997-2040
www.bearcreeklumber.com
Winthrop, WA 98862

Supplier of wood flooring, paneling, roofing, fencing, new & recycled timbers & decking: hand-split, machine-cut & fancy-cut butt fire- & rot-retardant-treated shakes & shingles; quartersawn clapboard & siding; post & beam.
Write in No. 521

Bear Creek Lumber's clear and select grades of kiln-dried lumber were used for this paneling and ceiling.

Chadsworth Columns
800-486-2118; Fax: 910-763-3191
www.chadsworth.com
Wilmington, NC 28402

Manufacturer of authentically correct architectural columns: complete line of columns, piers, pilasters & posts; interior & exterior; variety of sizes, styles & materials; 4 different grade levels of wood columns; interior molded ornament; millwork.
Write in No. 1580 for PolyStone; 180 for wood

Columns.com
910-763-7600; Fax: 910-763-3191
www.columns.com
Wilmington, NC 28401

Internet distributor of architectural products: columns, pilasters, decorative capitals, moldings, millwork, balustrades & pergola kits; job-site delivery & worldwide shipping; quick-ship program available for some items.
Write in No. 1585

Country Road Associates, Ltd.
845-677-6041; Fax: 845-677-6532
www.countryroadassociates.com
Millbrook, NY 12545

Supplier of 19th-century reclaimed flooring materials: white pine, hemlock, heart pine, white oak, chestnut & walnut; widths from 3-18 in.; hand-hewn beams & barn siding; cabinetry & farm tables.
Call for more information.

Erik Wyckoff Artworks
612-617-0446; Fax: Same as phone
www.erikwyckoffartworks.com
Minneapolis, MN 55413

Custom designer & fabricator of hand-carved architectural woodwork: original entry, interior & wine-cellar doors; most wood species.
Write in No. 298

This wood panel was carved by Erik Wyckoff.

Fagan Design & Fabrication, Inc.
203-937-1874; Fax: 203-937-7321
www.fagancolumns.net
West Haven, CT 06516

Manufacturer of custom wood columns, cylinders, rope twists, large turnings, octagons & pilasters: Classical order; load bearing & ornamental; replication for restoration; stain grade in any species.
Write in No. 8210

Goddard custom fabricated this all-wood curved staircase.

Goddard Spiral Stairs
800-536-4341; Fax: 785-689-4303
www.spiral-staircases.com
Logan, KS 67646

Custom fabricator of all types of spiral stairs: steel, steel/wood or all-wood; custom railing & wood stair parts.
Write in No. 4780

Heat Registers.com
509-535-1237; Fax: 509-534-8916
www.heatregisters.com
Spokane, WA 99223

Supplier of heat registers: cast iron, nickel, copper & brass; eggcrate, Mission, Craftsman, Rickenbacker, Turn of the Century, Pickford & other styles; geometric wood air vents.
Write in No. 1879

Historic Doors
610-756-6187; Fax: 610-756-6171
www.historicdoors.com
Kempton, PA 19529

Custom manufacturer of wood doors: circular casings & moldings; restoration & period-style construction; garage doors.
Write in No. 3570

Hochstetler Milling
419-368-0004; Fax: 419-994-4831
www.hochstetlermilling.net
Loudonville, OH 44842

Supplier of new barn timbers: oak up to 40 ft. long; planed & rough sawn; 2x6 & 1x6 tongue-&-groove knotty pine.
Write in No. 259

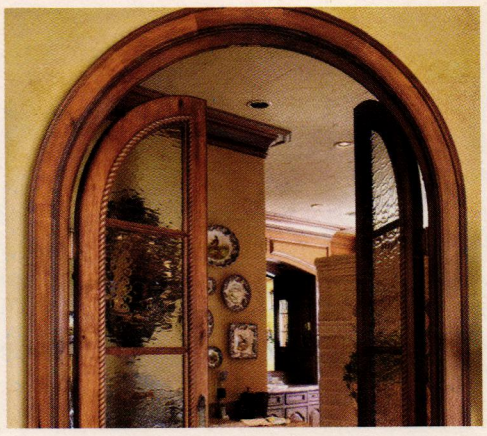
Klitsas, Dimitrios - Fine Wood Sculptor
413-566-5301; Fax: 413-566-5307
www.klitsas.com
Hampden, MA 01036

Custom sculptor & carver of wood architectural elements: interior & exterior; furniture in all period styles; capitals, mantels, moldings & specialty carvings.
Write in No. 7380

This shell motif illustrates the wood-carving artistry of Dimitrios Klitsas.

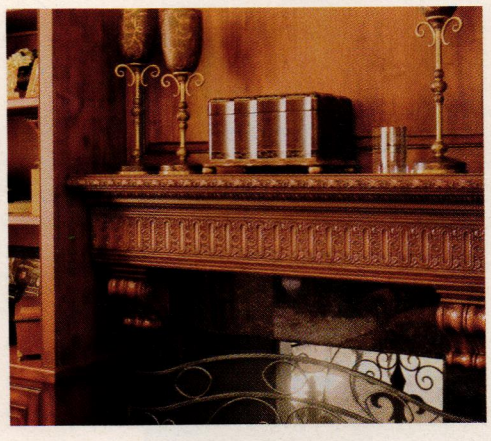
Lumber Liquidators, Inc.
800-FLOORING; Fax: 757-566-0621
www.lumberliquidators.com
Toano, VA 23168

Manufacturer of hardwood flooring: exotic & domestic wood; Bellawood comes with a 50-year warranty; cork flooring; grilles; maple & cherry butcher blocks; 75 locations nationwide.
Write in No. 1261



sheer perfection

Not just in our artistry, but with your entire experience.



Endless design solutions. 30 years of experience. Cutting-edge technology grounded in classical design. These are the unique characteristics that make White River your One Source for hardwood mouldings and handcarved architectural woodcarvings—all backed by consistent product availability, prompt shipping, and a host of design options at an exceptional value. There's just no better way to achieve the architectural excellence, steadfast quality, and enduring beauty you're after. Take your creativity further by requesting our catalog today.

800.558.0119 | WhiteRiver.com

White River™
HARDWOODS•WOODWORKS, INC.®

Beautifully Made | Made Easy

WRITE IN NO. 1099

Pacific Columns
800-294-1098; Fax: 714-630-4549
www.pacificcolumns.com
Brea, CA 92821

Supplier of interior & exterior columns: roped, belly, carved, high relief, embossed & octagonal; up to 36-in. dia. & 36-ft. lengths; capitals, pilasters, balustrades & porch posts; metal, wood, FRP fiberglass & polymer window trim; shutters; cupolas.
Write in No. 195

Stairsmiths
770-830-6880; No fax
www.stairsmiths.com
Bowdon, GA 30108

Manufacturer of custom stairs & stair parts: curved, straight & spiral designs; balusters, handrails, newels & treads; mahogany, cedar, oak & wrought iron.
Write in No. 1613

Superior Moulding, Inc.
800-473-1415; Fax: 818-376-1314
www.superiormoulding.com
Van Nuys, CA 91411

Supplier of standard & custom moldings & more: embossed, sculpted & polyfoam moldings; columns, capitals, ceiling medallions, niches, domes, corbels, windows, doors, stair parts, hardwood flooring & more.
Write in No. 138

The Reggio Register Co., Inc.
800-880-3090; Fax: 978-870-1030
www.reggioregister.com
Leominster, MA 01453

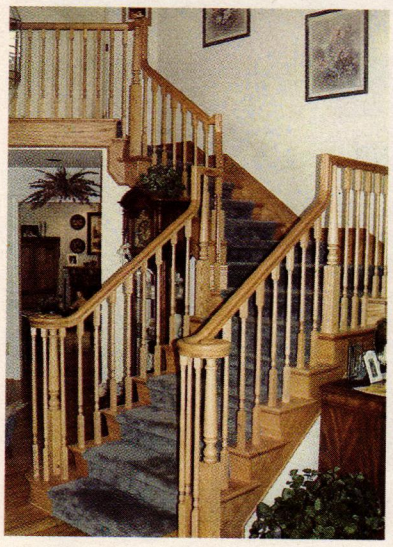
Manufacturer of decorative & functional grilles: cast iron, brass, aluminum, zinc & wood; historic & contemporary designs for forced air & high velocity systems; large selection of sizes & materials.
Write in No. 5810

The Wood Factory
936-825-7233; Fax: 936-825-1791
111 Railroad St.
Navasota, TX 77868

Manufacturer of historically correct Victorian millwork: interior & exterior doors & stair parts; screen doors, porch posts, newel posts, rails, balustrades, brackets, capitals, custom mantels, siding & gazebos.
Write in No. 7120

Vintage Woodworks
903-356-2158; Fax: 903-356-3023
www.vintagewoodworks.com
Quinlan, TX 75474

Supplier of Victorian millwork: western red cedar shingles, porch parts, columns, turned & sawn balusters, railings, brackets, gazebos, cornices, corbels, spandrels, mantels, storm & screen doors & more.
Write in No. 1061



Stock newel posts, balusters and handrails from Superior Moulding can be used to create stairways for any location.

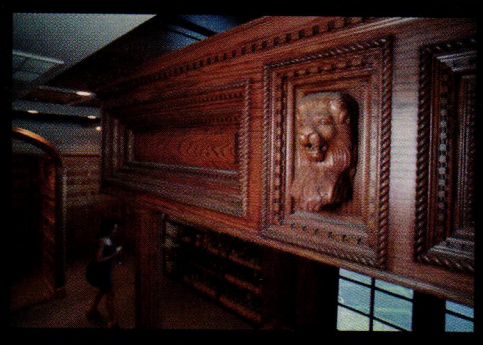
The Wood Factory fabricated these large-scale newel posts and balusters in poplar.

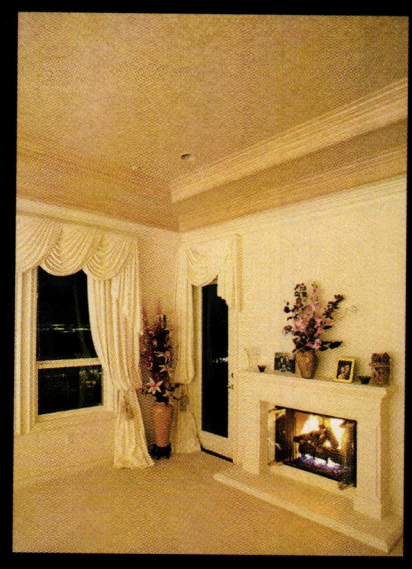
Stock carved-wood ornament is available from White River Hardwoods-Woodworks in maple and cherry.

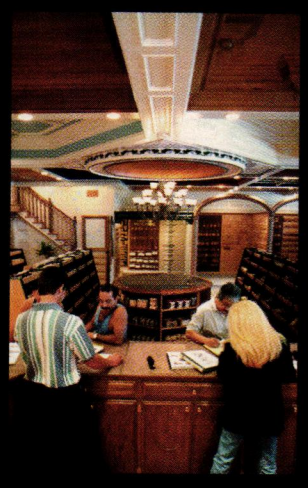
White River Hardwoods-Woodworks
800-558-0119; Fax: 479-444-0406
www.mouldings.com
Fayetteville, AR 72701

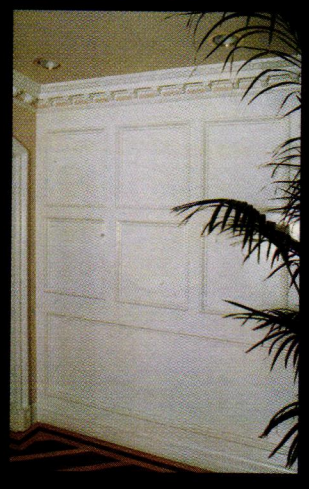
Manufacturer of architectural millwork: Mon Reale moldings, authentic hand-carved line of adornments for cabinetry & furniture in linden, cherry & maple; lineals, mantels & range hoods in stock.
Write in No. 1099

SUPERIOR MOULDING INC.









Come visit our beautiful showroom and let our friendly staff help you tranform your house into an elegant home. We stock the largest selection of mouldings and quality finish materials including corbels, stair parts, doors, windows, mantels, appliques, columns, ceiling medallions, carvings and a complete line of hardwood flooring. You can also visit us on-line at www.superiormoulding.com

800-473-1415 818-376-1314 FAX 5953 Sepulveda Blvd, Van Nuys, CA 91411

WRITE IN NO. 138

BECOME A MEMBER OF
THE INSTITUTE OF
CLASSICAL ARCHITECTURE & CLASSICAL AMERICA

The leading educational resource for the Classical tradition in architecture

When you become a member, you not only support its educational mission but also gain access to the Institute's wide range of programs and publications. National expansion through local chapters will mean closer association in all 50 states.

- ☐ Annual Journal: *The Classicist*
- ☐ Lectures, Tours and Conferences
- ☐ Travel Programs
- ☐ Book Series
- ☐ Continuing Education Courses and Programs
- ☐ A well-informed voice in advocacy and traditional design excellence

Various levels of membership are available; consult www.classicist.org for details. Send check directly to the Institute at the address below, or for more details log onto the Institute web site at:

www.classicist.org

THE INSTITUTE OF
CLASSICAL ARCHITECTURE
& CLASSICAL AMERICA
20 W. 44th Street
New York, NY 10036
Telephone (212) 730-9646 Fax (212) 730-9649
e-mail: institute@classicist.org
web site: www.classicist.org

WRITE IN NO. 1340

Stairsmiths

"Builders Who Know Choose Stairsmiths"

WRITE IN NO. 1613

Architectural Details

- Guaranteed!
- Largest Supplier
- Interior/Exterior
- Buy Direct & Save

FREE 144p. **MASTER CATALOG**
90 usage photos! Extensive how-to info!

Also, 208p. ***Porch Book*** - How to design, build, and decorate your dream porch! Only $6.95

Priority Mail $4 extra

903-356-2158

VINTAGE WOODWORKS
PO Box 39 MSC 4497
Quinlan, TX 75474-0039
www.vintagewoodworks.com

© VWW 2008

WRITE IN NO. 1061

Historically inspired products for residential architecture

www.period-homes.com

DIMITRIOS KLITSAS

Master Wood Carver

Meticulously, hand-carved architectural elements and fine home furnishings for interior or exterior applications.

~ CUSTOM DESIGNS ~

Fine WOOD SCULPTOR

378 North Road
Hampden, Massachusetts 01036
www.klitsas.com

(413) 566-5301 ◆ FAX (413) 566-5307

WRITE IN NO. 7380

Back to the Future

The Victorian House Book: A Practical Guide to Home Repair and Decoration, Fourth Edition

by Robin Guild
Firefly Books Ltd., Westport, CT; 2008
322 pages; hardcover; 500 color photos, 1,500 line drawings; $49.95
ISBN 978-1-55407-371-9

Reviewed by Lynne Lavelle

Bold paint colors were widely used during the era of the American Queen Anne House, which was popular from 1885 to 1905; it is characterized by its asymmetry, high-pitched roof, front porch and ornamental shingles.

At a time when mankind's domination over the earth appears to be dwindling with its natural resources, the excitement and confidence of the Victorian era seem increasingly distant. Then, the new technologies of the Industrial Revolution promised endless possibilities, inspiring unprecedented invention in the U.S. and Britain. Of course, with dramatic change came profound – and bittersweet – social changes, as towns and cities consolidated around the textile and heavy industries and expanding railroad networks. As these towns and cities grew crowded, the new middle classes were drawn to their perimeters, which were often connected with new roads and railroads; the suburb was born.

More than five million houses were built between the 1830s and the outbreak of World War I in the U.S. alone. During this time, architects, surveyors and engineers formed professional bodies, with guidelines and charters to protect their new interests in response to rising land prices. The onset of building regulations improved structural soundness, drainage and sanitation. And designers, energized by improvements in manufacturing, and responding to the demands of the new middle class, began experimenting with window designs, paint, hardware and more.

Today, "Victoriana" in its many forms remains a common housing type on both sides of the Atlantic. For better or worse, few over 100 years old remain unaltered, so the dilemma of how to adapt a Victorian home to 21st-century comfort and conveniences while preserving its character is a common one. The late interior designer and author Robin Guild addressed the many pitfalls in *The Victorian Housebook*. Now in its fourth edition, this frankly written, comprehensive guide to exterior and interior architectural detail and decoration covers everything from door numbers to gazebos, and is illustrated by photographs, designs and plans from the historical to the present day.

According to *The Victorian Housebook*, creating a home that is comfortable, vibrant and relevant is all about the balance between past and present. Chapters on Victorian style and housing types are supplemented with advice on retrofitting for energy conservation, adapting Victorian fixtures and fittings to modern standards, as well as how to approach planning and building codes.

Every element of the Victorian home is explained within its historical context, from key manufacturers, innovators and developments to the social climate. "In early town houses, the front door opened directly onto the street; railings became popular during the 18th century to define the property and protect the strip of land in front, as well as to add another touch of elegance," Guild writes. "In the 19th century, the wish to enclose the property became stronger, reflecting the growth of private ownership and the simultaneous transformation from a rural to an urban society. The new owners of suburban villas wanted to mark out their territory, just as the landowners of the 18th century had done."

Guild's advice may ruffle some purists. While he remains highly critical of the "aesthetic vandalism" that sees original details obscured by plastic siding, he is equally critical of "period cocoons": "Their gaslight, coal boilers, tub baths and belfast sinks may be irreproachable, but nothing will stop the world going on its way outside. Cars will pass in the street, not carriages, and their children will come in wearing jeans, not pinafores."

The Victorian Housebook favors a common sense approach. It recognizes that buildings will be split into multi-units, attics will be converted and dividing walls will be removed. When carried out responsibly, there is no reason that these alterations can't preserve, or even enhance, character.

There are no easy shortcuts, however; Guild recommends consulting an architect and heeding local and national historic guidelines at every stage. "Legal restrictions are imposed by planning restrictions and moral restrictions are increasingly recognized and accepted; as homeowners, we not only inherit the work of past generations, we are trustees for prosperity, and we ought to discharge that duty at the same time as securing our own comfort," he writes. "A respect for Victorian architecture should encourage us to make the outlay necessary to preserve it in recognizable form." ■

In the absence of an elaborate cornice, a painted trompe l'oeil frieze provides a focal point that unifies the palette of this room.

Calendar of Events

EXPLORING ARCHITECTURE ALONG NORTHWEST FLORIDA'S GULF COAST, November 12-14, 2008. Presented by the Seaside Institute at Seaside, FL, the seminar will focus on the importance of determining, maintaining and communicating the architectural vision of a traditional neighborhood. Architects and developers will present case studies highlighting the design reviews of Alys Beach, Rosemary Beach, WaterColor and Seaside. For more information, go to www.theseasideinstitute.org.

VINCENT SCULLY AWARD PRESENTATION, November 12-13, 2008. The 10th annual Vincent Scully Award presentation will be held at the National Building Museum in Washington, DC. The presentation includes an awards dinner and a lecture delivered by this year's winner, Robert A.M. Stern. For more information, call 202-272-2448 ext. 3112, or go to www.nbm.org/support-us/awards__honors/scully-prize/.

AIA CONNECTICUT HISTORIC & HANDCRAFTED HARDWARE PRENSENTATION, November 13, 2008. AIA Connecticut will host a presentation focusing on historic and handcrafted building hardware of the 18th and 19th centuries in New Haven, CT. Presentation topics cover regional styles in Connecticut, historic Art Deco iron and more. For more information, call 203-865-2195 or visit www.aiact.org

PALLADIO AWARDS DEADLINE FOR SUBMISSION, November 14, 2008. The Palladio Awards, honoring excellence in traditional architecture, are sponsored by *Traditional Building* and *Period Homes* magazines and the Traditional Building Exhibition and Conference. For more information, go to www.palladioawards.com.

HISTORIC AMERICAN BUILDINGS SURVEY EXHIBIT, now – November 14, 2008. The HABS exhibit, "American Place: The Historic American Building Survey at 75 Years," will be held at the U.S. Department of the Interior Museum in Washington, D.C. The exhibit features over 50 photographs, drawings and objects. For more information, call 202-208-4743 or visit www.doi.gov/interiormuseum.

24th ANNUAL BUILD BOSTON CONVENTION AND TRADESHOW, November 18-20, 2008. The 24th annual Build Boston convention and tradeshow will be held at the Seaport World Trade Center in Boston, MA. Aimed at design and management professionals, the event features exhibits, workshops and tours, as well as the opportunity to earn AIA learning units and continuing-education credits. For event updates, visit www.buildboston.com.

PRESERVATION EDUCATION PROGRAMS. Throughout the year, the Preservation Education Institute, a program of Vermont-based Historic Windsor, offers workshops on various preservation skills, technologies and practices for building and design professionals, property owners and others. This year, courses include wood carving, plaster repair, window repair and timber-frame evaluation and repair. For a complete listing of current programs, go to www.preservationworks.org or contact Judy Hayward at 802-674-6752.

THE ARCHITECTURE OF WILLIAM LAWRENCE BOTTOMLEY LECTURE, November 19, 2008. ICA&CA will host a lecture in New York City conducted by author and historian Susan Hume Frazer on the works of William Lawrence Bottomley. The lecture will focus on residential country houses, urban dwellings, high-rise apartment buildings and others. For more information call (212) 730-9646 ext. 109 or visit www.classicist.org

The William Lawrence Bottomley-designed Jeffress House in Richmond, VA, will be discussed at a lecture hosted by the ICA&CA on November 19.

WOOD-CARVING WORKSHOPS. Classically trained master wood-carver Dimitrios Klitsas conducts classes in wood carving at his studio in Hampden, MA, for novices as well as professionals looking to take their skills to the highest level. Classes are available for both group and individual instruction. For more details, go to www.klitsas.com.

WOODWORKING CLASSES. The North Bennet Street School holds woodworking classes – including fine woodworking and preservation carpentry – year-round in Boston, MA. Class size is limited to 10 to 14 people. The school provides bench space, materials and shop supplies for most workshops. To register, visit www.nbss.org/workshops/schedule.asp or contact workshop program director Jourdan Abel at workshop@nbss.org or 617-227-0155.

WORKSHOPS ON HISTORICAL LIME MORTARS. A comprehensive two-day course details the hows and whys of using lime putty mortars for re-pointing historic masonry. The workshop combines lectures and laboratory work with hands-on lime slaking and re-pointing different types of historic masonry walls. For course schedules and registration details, call 773-286-2100 or go to www.usheritage.com/events.htm.

TRADITIONAL BUILDING EXHIBITION & CONFERENCE, March 12-14, 2009. The nation's largest event dedicated to historic restoration, renovation and historically inspired new construction will be held at the Hynes Convention Center in Boston, MA. The conference includes sessions with professional learning units available through the AIA, ASLA, ASID, IIDA, AIC and APA. The 2009 Palladio Awards will also be presented at the conference. For details on programs and exhibiting, go to www.traditionalbuildingshow.com.

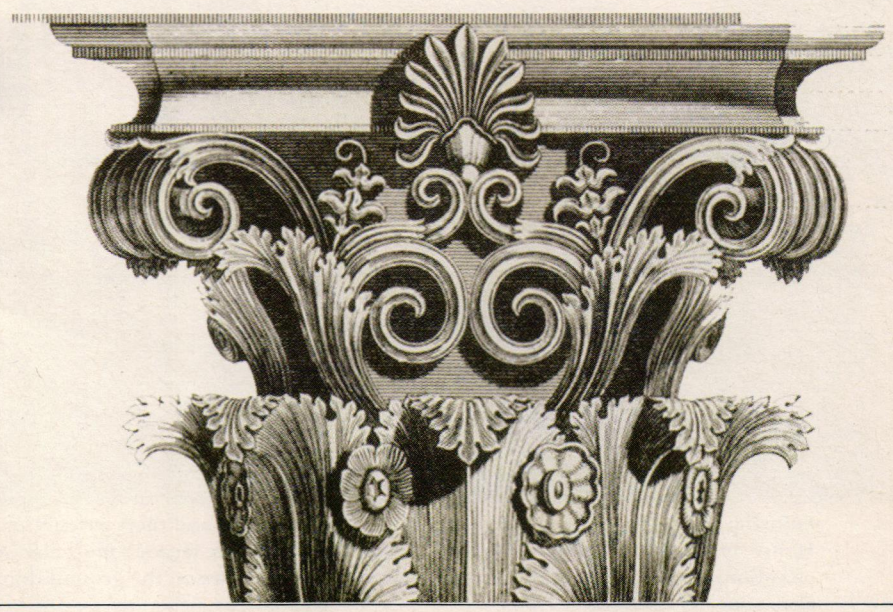
NOMMA'S 2009 METALFAB CONVENTION AND TRADE SHOW, April 21-25, 2009. The National Ornamental & Miscellaneous Metals Association will hold its largest event, the MetalFab convention and trade show in Long Beach, CA. The convention will offer workshops, presentations and the chance to learn about the latest services in the ornamental metalwork industry. For more information, visit www.nomma.org.

www.period-homes.com

Visit the new Period Homes website

Browse Product Databases, Product Galleries and Top Product Searches. Get the latest in *Period Homes* News and register for upcoming Webinars.

The Professional's Resource for Residential Architecture



An American House

Winfield House

by Maria Tuttle and Marcus Binney, photographs by James Mortimer
Thames & Hudson, Inc., New York, NY; 2008
172 pages; hardcover; 175 illustrations, 158 in color; $60.00
ISBN 978-0-500-97678

Review by Nicole V. Gagné

"Dear Mr. President:

Please forgive me for writing you directly for I am fully aware of the great and urgent demands upon your time, but unfortunately I know of no other way to present what I have in mind.
Briefly, I am writing to ask if the American Government would care to accept, as a gift, my house in London. It would make a magnificent embassy - I do not exaggerate by saying, undoubtedly, it is the most beau tiful house in the city. It is a red brick Georgian house, situated in four teen acres of ground, built in 1937, with every modern convenience, exquisite old French panelling and parquet floors throughout. [...]
Naturally I have had, and continue to have, offers from prospective pur chasers for my house, but I would be much happier not to sell it if you could use it as an embassy, as it is an American house, having been built with American money. [...]
If this offer appeals to you in any way, Mr. President, I shall be very grate ful to hear from you.
Thanking you for the courtesy of reading this letter,
I am,
Most respectfully yours,

Barbara Woolworth Hutton"

President Harry Truman recognized a good deal when he saw one. Winfield House was purchased for the sum of one dollar, and in August of 1946 it became the official residence of the American Ambassador to Britain, a function it fulfills to the present day.

On November 14, 1933, Barbara Woolworth Hutton celebrated her 21st birthday by becoming one of the wealthiest women on the planet. On that day she inherited the estate of her grandfather Frank Winfield Woolworth, who'd founded the vast Woolworth fortune. Notable acts of generosity came easily to Hutton – she'd make hundreds of important contributions in her lifetime – but Winfield House (named in honor of her grandfather) may be the most remarkable of them all, in light of the active role it has played in American foreign relations for over 60 years.

The considerable importance of Winfield House, both historical and architectural, more than merits the lavish examination given it in this new publication from Thames & Hudson. Maria Tuttle, wife of the current American Ambassador to Britain, has co-authored this study with the respected architectural historian Marcus Binney, and the result is a superb coffee-table volume that combines technical and historical commentary with the experienced insights and genuine affection of a homeowner (or more precisely, home occupant). Of course, a book of this type is only as good as its photographs, and what will keep *Winfield House* off the coffee table and in your lap is its superb images by photographer James Mortimer. From shots of furnishings and architectural detail to gatefold interior and exterior panoramas, Mortimer's pictures will take readers on a house tour more intimate and thorough than any visiting ambassador could ever receive.

Winfield House's reception Hall leads to the family dining room.

Hutton selected Glasgow-born architect Leonard Rome Guthrie to design the estate, sited in a pastoral section of London's Regent's Park. Guthrie devised a neo-Georgian estate, grand but unostentatious in the then-popular "George VI" style: "a selective form of classicism [...] using largely unornamented surfaces, with small incidents of ornament." Crown Estate officials initially were worried about how the house's proposed red-brick facade would look alongside the mostly stuccoed buildings in Regent's Park, and they urged Guthrie to substitute a color that was "decently subdued," suggesting "a silver grey brick [...] with an undertone of red." When told by the architects that their clients would "abandon the whole of the negotiations and dispose of their interest in the property" rather than use a grey facing brick, the officials suddenly decided that red brick wasn't so bad after all. In fact, when Winfield House was completed in January of 1938 and London's respected *Architectural Review* sniffed at its "bright red brick, pinkly glowing like an open sore amidst the master-pieces of stucco cream," Crown Commissioners began extolling Winfield House's "quiet browny sand-faced brick."

The reality is that Winfield House was and has remained a masterpiece of "selective classicism," outside and in. For this reason, Tuttle and Binney's book will enjoy a readership well beyond architectural (or political) histo-rians; architects, interior designers, and all neo-Georgian homeowners will find in *Winfield House* a treasure trove of decorating ideas. To its credit, the book also includes a substantial section on the garden and landscaping, pro-viding additional inspiration for landscape architects, groundskeepers and even humble gardeners.

Sadly, Winfield House became one more mixed blessing in the troubled life of America's famed "Poor Little Rich Girl": less then two years after its com-pletion, Barbara Hutton and her family left Winfield House ahead of the immi-nent conflagration of World War II. (During the Blitz, Regent's Park alone was struck by "121 high-explosive bombs, 31 delayed-action bombs, 14 oil bombs, five mines, 12 V-1s and one V-2 rocket" – although Winfield House itself, ironically, would suffer no significant damage at all.) Returning to London in 1945, after Winfield House had been a center for the RAF, Barbara Woolworth Hutton made her decision to give the building to the U.S. government rather than sell it. Her decision was as wise as it was generous – after all, Winfield House had always been "an American house." ■

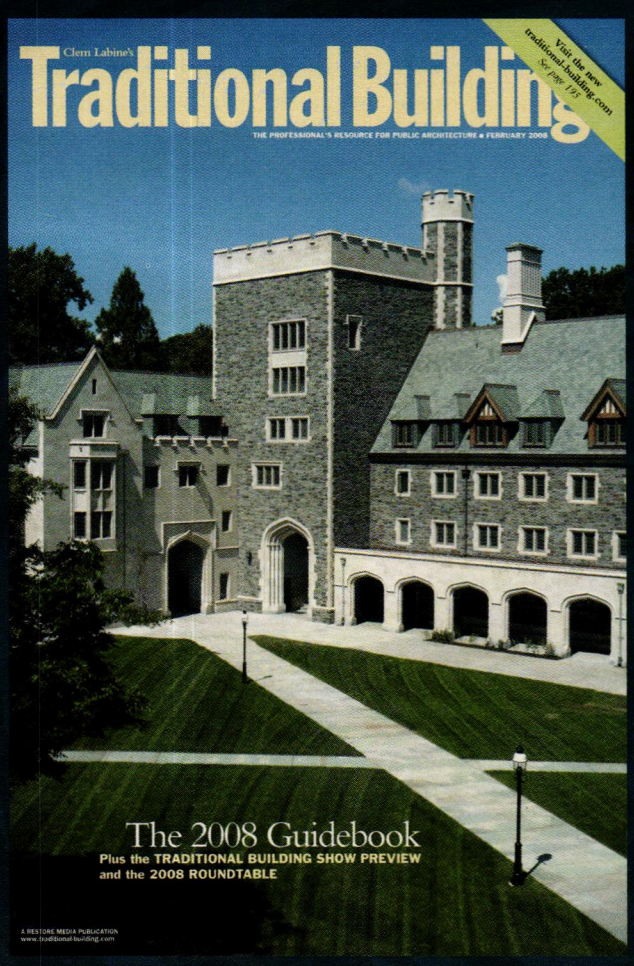
Enjoying an Easter-time party, the children of embassy staff and their parents cavort on the great lawn of Winfield House. In keeping with its restrained "George VI" idiom, the façade's most elaborate feature is reserved for the rear elevation: a contrasting stone temple-front with three arches on the ground floor. The quoins and window trim are also stone.

Restoring the Past. Building the Future.

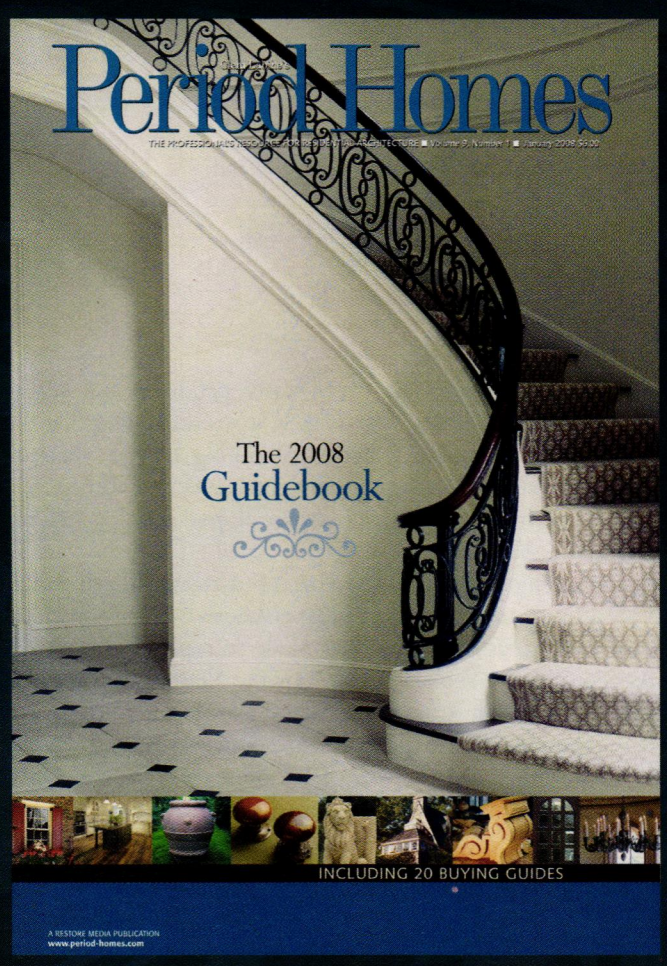
RESTORE MEDIA, LLC

Restore Media LLC is the only publisher and conference producer dedicated to the traditional building market. The company's magazines, conferences, trade shows, websites and directories serve the information needs of architects, builders, developers, building owners, facilities managers, government agencies, interior designers, landscape architects, suppliers, preservationists, town planners, artisans, tradespeople and old-house enthusiasts who work passionately to renovate and restore historic buildings or build new ones in a traditional style.

The traditional building market has emerged into a recognized and firmly established segment of the residential and commercial construction industry with more than $170 billion in construction volume. From grass-roots movements in America's historic neighborhoods to a government-mandated National Historic Preservation Act, Americans have a heightened appreciation for our architectural heritage and are spending money to preserve and improve it.



www.traditional-building.com



www.period-homes.com

TRADITIONAL BUILDING EXHIBITION AND CONFERENCE

tradweb
CUSTOM BUILDING & RESTORATION SERVICES

Questions? Call Peter H. Miller, President: 202.339.0744 x 104. Or email pmiller@restoremedia.com

Common Sense Green Building

By Michael C. Connor

In the quest to build homes that are environmentally friendly, much attention has been given to the impact new construction has on renewable resources, and the most obvious one is wood and wood products. Who can argue with the premise that the fewer trees required to construct a house, the better off the environment will be? A whole generation of engineered-wood products has evolved in the past 50 years, and the enthusiasm in the current green-building movement for waste-stream products has lent manufacturers a free marketing campaign. Virtually every green building certifier touts these products as major contributors to earning "green points" in their certification process.

In an ironic twist, the major beneficiary of this free marketing blitz is the long-time nemesis of environmental activists, big lumber. Such corporate giants as Georgia Pacific, Boise Cascade and Louisiana Pacific, to name a few, are the major producers of engineered-lumber products. These products that resulted from early research and development by the lumber industry were originally intended to be a way that the industry could create salable building materials from the waste stream. The perfection of phenolic resins that allowed these waste-stream products to be bonded together into usable building materials was the major catalyst that brought them viability in the building-products marketplace. The green building movement is the catalyst that has allowed them to flourish in today's environmentally sensitive marketplace.

The green building movement is entirely laudable in its effort to bring environmental harmony to the human endeavor of creating shelter, as that endeavor is ongoing and of sizable environmental impact.

We are making building materials from waste products and saving trees, so this is a good thing, is it not? On its face, it would appear that the stars have aligned, and environmental activism and big lumber share in the environmental sweepstakes, but upon closer inspection, another perspective emerges, whereby environmentalists are duped and big lumber smiles all the way to the bank.

The big sellers in engineered lumber are oriented-strand-board panels (OSB) used for sheathing, and solid web I-joists (whose webs are made of OSB). These I-joists are structural members made to replace solid sawn-lumber joists. A recent study (February 2007) by the National Association of Home Builders and Bank of America surveyed a wide range of manufacturers to determine the life expectancy of their various products. Georgia Pacific Corporation was the source for life expectancy of OSB, and by its own estimate concedes that it is expected to have a service life of 25 to 30 years. The Engineered Wood Association, a promotional organization for engineered wood products says that "The service life of OSB is indefinite (expect 50 years or longer) if it is used and protected properly." Since this product hasn't been around long enough, no empirical evidence exists to prove or disprove these service-life estimates, or what proper protections are required. But even if these products last 40 years, should it not be alarming that structural components of homes are being built with materials that condemn these homes to such a short life? When entire floor and roof structures are made of built-up systems whose major component is likely to fail in 30 to 50 years, you can bet that the entire home with all its embodied energy will be razed, because the collateral damage of structural failure would be overwhelming.

It is interesting to note that in the same NAHB study, the same question as to service life for roof and floor trusses was answered by the Engineered Wood Association, whose members include all the big lumber players mentioned above, and the answer is a curious and evasive "lifetime." The warranty information for these products also references "lifetime" as the warranted term. Whose lifetime are we talking about? Could it be that this is a remarkably safe warranty exclusion, given that when a major structural element (the I-joist) fails, the "lifetime" of the house is self-defined? Incidentally, the warranty for these products is a "limited lifetime" warranty, meaning it is only warranted to the original owner. Given that the average ownership cycle is about 12 years, it appears that not many warranty claims would be honored anyway, making warranty discussions moot for the most part.

A more important discussion might be the wisdom of lending institutions financing homes to the second or third owners with mortgage terms that might exceed the expected lifespan of the home. It is a common misunderstanding today that using engineered-wood products in place of dimensional lumber is a quid pro quo swap. In reality, the disparity in life-cycle expectancy between the two products is being ignored, with the inevitable fallout being pushed to the next generation, whose expectation of being the beneficiaries of their parents' greener building policy will have collapsed along with the short-term structural building components upon which that policy was built. While the actual service life of an I-joist/rafter can be debated until failures are reported, it would be fair to say that if Thomas Jefferson's Monticello had been built using I-joists and I-rafters, visitors today would be viewing an archeological dig, not a museum.

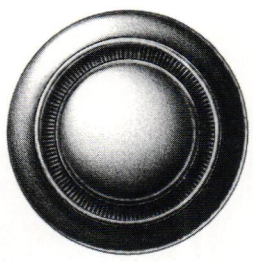
Environmentalists and the lumber industry agree that savings in actual lumber usage in building a home with engineered lumber may be as much as one-third. Given that the average 2,500-sq.ft. home built today of solid sawn lumber uses the equivalent of about 20 trees, building with engineered lumber will save about six of those trees, and use 14. However, empirical evidence shows that a house built of solid sawn lumber will last hundreds of years. At the end of 40 years, when the engineered-lumber house is being rebuilt with another 14 trees, the solid-lumber house continues on, using no new trees. At 80 years, another 14 trees are used up in the "environmentally friendly" home, while the solid-lumber home continues on. At 120 years the score is: "environmentally friendly" home, 56 trees; solid-sawn-lumber home, 20 trees. This is to say nothing of the embodied energy lost each time the home is rebuilt. It has been estimated that it takes the equivalent of 10 gallons of gasoline per square foot in embodied energy to construct a house. This means that we can add another wasted 100,000 gallons of gasoline lost in the same time span of 120 years.

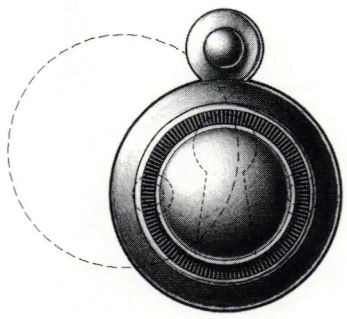
Admittedly, homes don't last for 120 years and more without maintenance, but again we know from experience that the maintenance required is normal and routine. More important is the motivation that promotes the kind of stewardship that is required to keep a home on the landscape. That motivation is first generated by the financial incentive to protect our investment. But history teaches us that a more powerful motivator is beauty. A beautiful home is likely to inspire enhanced stewardship, while an unattractive home will not. And how do we quantify beauty in a home? Beauty being in the eye of the beholder, we would have to survey a large sample of beholders to at least arrive at a consensus. Or, again we can turn to history. The ability of a home to sustain itself on the landscape has much to do with its inherent architectural beauty, and homes rooted in Classical forms have proven their aesthetic durability over many centuries, and therefore can rightfully claim their prominent position in aesthetic considerations.

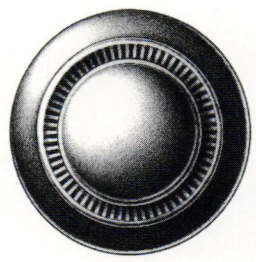
The aesthetic character of a home that contributes so powerfully to its sustainability is often ignored in "green home" analyses, and in fact some of the mechanics of green technology (solar collectors, photovoltaics, shading devices, etc.) can adversely affect an otherwise pleasant aesthetic presentation. A recent article in *Preservation* magazine states that the greenest building is the one that already exists. In the equation for designing a green building strategy, it is imperative to consider the durability of the home, as overcoming the lost embodied energy in rebuilding a home is not nearly accomplished by all the green technology put together in a new home.

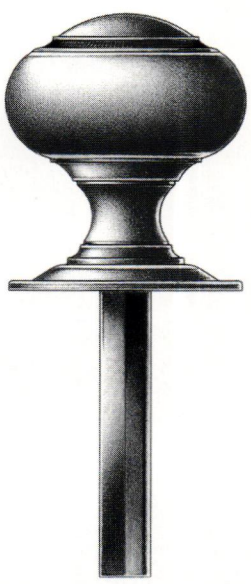
The green building movement is entirely laudable in its effort to bring environmental harmony to the human endeavor of creating shelter, as that endeavor is ongoing and of sizable environmental impact. However, the movement should be cautious and take the time to examine its own strategies and apply common sense so that methods that appear attractive, but may in fact be deleterious to the intended goal, are not followed. History is a powerful teacher, and the time-honored tradition of building homes with durability as defined by their structural elements and architectural aesthetics should not be ignored, and it should be an essential component of any "green building" strategy. ■

Michael C. Connor is the founder of Connor Homes, a homebuilder based in Middlebury, VT.

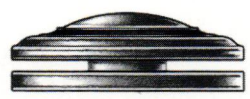




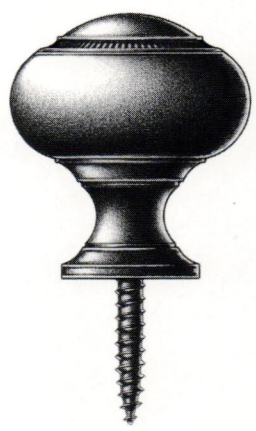




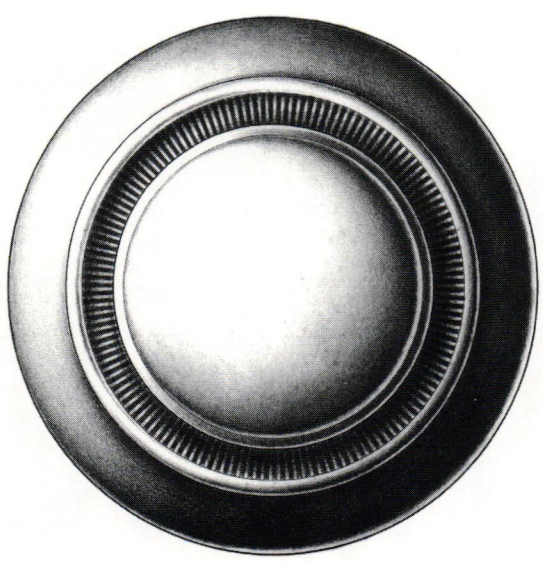
Thumbturn and Rose

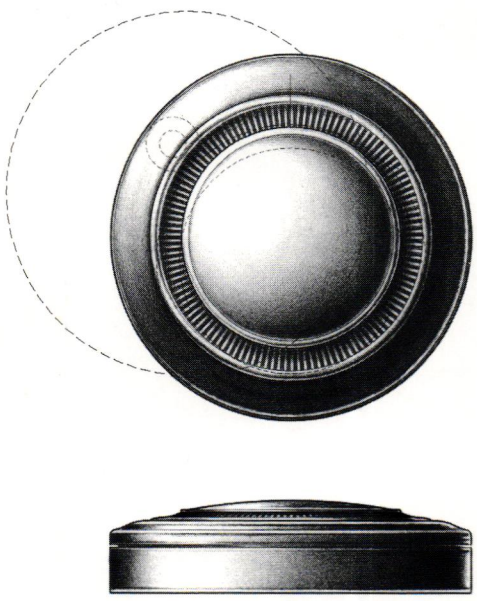


Emergency Trim Ring with Swinging Cover

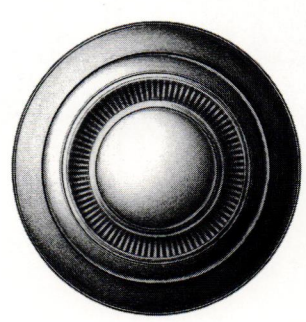


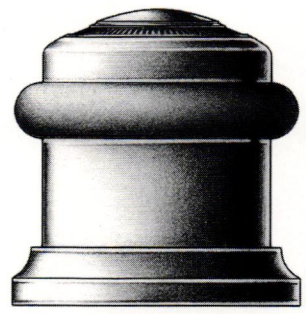
Shutter Knob





Cylinder Ring with Swinging Cover





Cylindrical Floor Stop with Trim Ring

E.R. BUTLER & CO.

KY Design Series
W.C. Vaughan Co. Collection

Door Knobs Available in 3, 2¾, 2½, 2¼, 2, and 1¾ inch Diameters (2¾ in. Shown).
Also Available in 1½, 1¼, 1 and ¾ inch Diameters for Cabinets and Fine Furniture.
Solid Turned Brass Knob and Rose.
Standard, Custom Plated and Patinated Finishes Available.

WWW.ERBUTLER.COM

CATALOGUES AVAILABLE TO THE TRADE·SHOWROOMS BY APPOINTMENT ONLY

FINE ARCHITECTURAL, BUILDERS' AND CABINETMAKERS' HARDWARE

© E.R. Butler & Co. All Rights Reserved. Technical Drawing: John Sykes Fetterman Rendering: Margitta Zachert Typography: John Packer

WRITE IN NO. 2260

GMB

Gladding, McBean

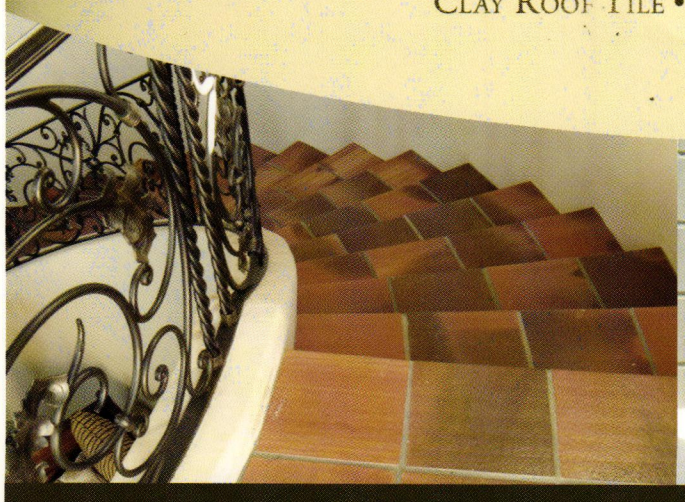
Over A Century Of Craftsmanship In Clay

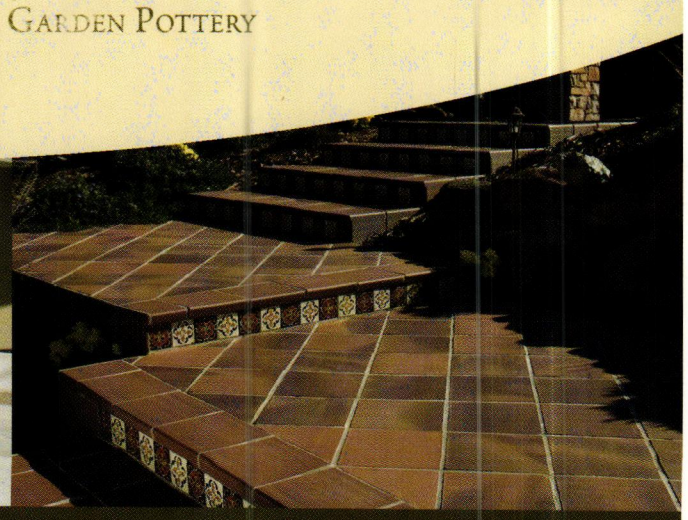
At Gladding McBean we take great pride in our clay roof tiles, in the close personal friendships of architects, designers and homeowners. Rich fire flashed colors and unique textures similar to the picturesque tile roofs of the Latin countries are what Gladding McBean roof tiles are famous for since the early 1900's.

The natural flashing process affects each tile differently depending on its location in the kiln, providing each tile with a unique color and look. As a result of our unique process we produce extraordinary natural blends of soft warm natural hues that compliment the landscape as well as the building they crown. Our color collection ranges from light to dark reds, soft golds, warm browns and deep purples that come together to form color harmony ultimately creating roofs that are truly works of art.

Our entire collection of roofing tiles are rated ASTM 1167, Grade 1 and include a 75 year transferable warranty. Gladding, McBean also produces a unique line of complimentary clay floor tile, architectural garden pottery and terra cotta.

Clay Roof Tile • Clay Floor Tile • Architectural Garden Pottery





601 7th St. • Lincoln, California • 95648 • 916-645-3341 • 800-776-1133 • www.gladdingmcbean.com

WRITE IN NO. 6010 FOR TERRA COTTA, NO. 1452 FOR GARDEN POTTERY & NO. 1453 FOR ROOF TILE