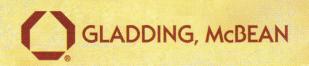
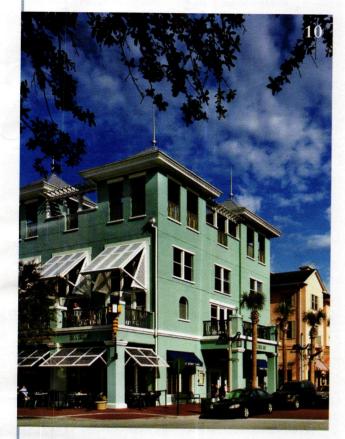
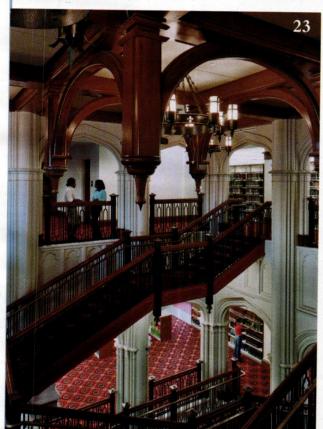


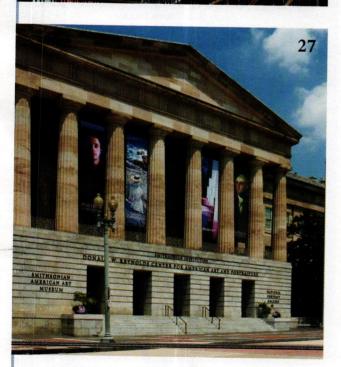
# Gladding McBean Over A Century Of Craftsmanship In Clay

Gladding, McBean craftsmen have worked with architects from around the world, producing terra cotta facades that grace some of the most significant historical landmarks in the world. Our craftsmen draw from more than a century of experience to fashion unlimited custom designs using traditional methods and sophisticated computer-aided technology. They can create textures and glazes that duplicate the look of stone, while providing the durability of terra cotta. Gladding, McBean also produces a unique line of clay roof tile, clay floor tile, architectural garden pottery and vitrified clay sewer pipe.









On the cover: The apse of the cathedral-inspired Paul Barret, Jr., Library at Rhodes College in Memphis, TN, serves as a reading room. The new traditionally styled library was designed by Hanbury Evans Wright Vlattas + Company and Shepley Bulfinch Richardson & Abbott. See page 23.

# Contents June 2007

١	2		PRE	
		ro	т	0"
н				E- 11

Pragmatic Idealist
A native of Virginia and a disciple of Jefferson, Jaquelin T. Robertson, FAIA, founder of
Cooper, Robertson & Partners of New York, NY, is honored with the 2007 Driehaus Prize
for Classical Architecture.

By Kim A. O'Connell

### Feature:

### **Finding Common Ground**

16

10

A growing number of rehabilitation and reuse projects illustrate the natural link between historic preservation and the U.S. Green Building Council's LEED sustainable rating system. By Kim A. O'Connell

### 2007 Palladio Awards:

22

23

#### Shift of Axis

New Design & Construction

Winner: Hanbury Evans Wright Vlattas + Company, Norfolk, VA, & Shepley Bulfinch Richardson & Abbott, Boston, MA

Project: The Paul Barret, Jr., Library, Rhodes College, Memphis, TN

### Patent Renewed

27

Restoration & Renovation

Winner: Hartman-Cox Architects, Washington, DC

Project: Donald W. Reynolds Center for American Art and Portraiture,

Smithsonian Institution, Washington, DC

### In Character

30

Adaptive Reuse

Winner: Commonwealth Architects, Richmond, VA

Project: 1840 West Broad Street, Richmond, VA

### **Book Reviews:**

### Contradictions

194

James Marston Fitch: Selected Writings edited by Martica Sawin Reviewed by Steven W. Semes

### Constructing Justice

196

Celebrating the Courthouse: A Guide for Architects, Their Clients, and the Public edited by Steven Flanders

Reviewed by Nicole V. Gagné

197

Dr. Kimball and Mr. Jefferson: Rediscovering the Founding Fathers of American Architecture by Hugh Howard

Reviewed by Will Holloway

**Father Figures** 

### Awards:

### Arthur Ross Awards

109

The 26th annual Arthur Ross Awards recognize individuals and organizations that have furthered the Classical tradition through architecture, artisanship, stewardship, education and publishing.

### Henry Hope Reed Award

199

Edward Perry Bass, president of Fine Line, Inc., of Fort Worth, TX, receives the 2007 Henry Hope Reed Award for his leadership in urban revitalization.

### The Forum:

### Classicism as a "Liberal" Art

202

By David Mayernik

### **Departments:**

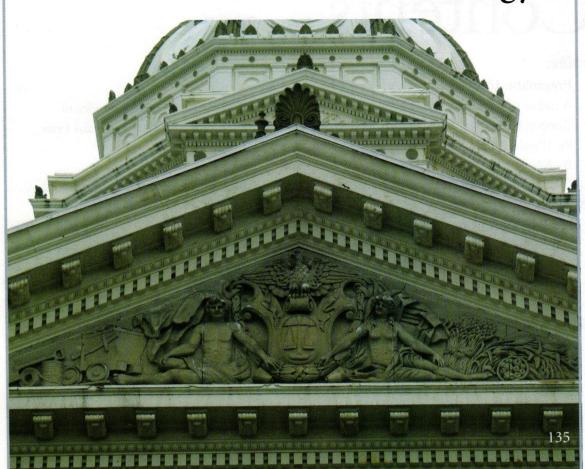
Advertisers Index 34

PTN Newsletter 84

Calendar of Events 130

### SOURCELISTS

## Custom Services & Technology



### SourceList Special Reports:

### **Custom Flooring: Flowing Arcs**

A floor mosaic designed by Arcari & Iovino Architects, P.C., of Little Neck, NJ, for the Memorial Library and Art Collection of World War II in New York City is realized by Holyoke, MA-based Thomas D. Osborn Mosaic Hardwood Floors. By Nicole V. Gagné

### Custom Metalwork: Soft Option

Sponge-jet cleaning is utilized by Powe Jones Architects of Washington, DC, in the exterior restoration of the Marion County Courthouse in Fairmont, WV. By Lynne Lavelle

### SourceLists:

Historical Products Showcase	36
Custom Artwork, Art Glass & Furnishings	39
Custom Columns & Capitals	45
Custom Conservatories & Outbuildings	56
Custom Doors, Windows, Shutters & Hardware	62
Custom Exterior Elements, Ornament & Finishes	86
Custom Flooring	92
Custom Interior Elements, Ornament & Finishes	97
Custom Landscape, Main Street & Garden Specialties	107
Custom Lighting & Electrical	119
Custom Mantels, Fireplaces & Chimneys	132
Custom Metalwork	138
Custom Plumbing, Bath & Heating	154
Custom Roofing & Roof Specialties	155
Custom Stone, Brick & Masonry	168
Masonry Restoration & Cleaning	172
Moldmaking & Casting Materials	178
Custom Timber Framing & Barns	182
Tools & Equipment	186
Custom Woodwork	187

# **Traditional Building**

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

EDITORIAL DIRECTOR MICHAEL CAREY

EDITOR MARTHA McDonald

ASSOCIATE EDITOR WILL HOLLOWAY

ASSISTANT EDITOR LYNNE LAVELLE

CONTRIBUTING EDITOR HADIYA STRASBERG

CONTRIBUTING EDITOR KIM A. O'CONNELL

ART DIRECTOR MARY CAMILLE CONNOLLY

PRODUCTION MANAGER NANCY GOODMAN ASSOCIATE ART DIRECTOR GINA ANGELOTTI

PRODUCTION/ART ASSISTANT JORDAN KNOTT

PUBLISHER PETER H. MILLER

ADVERTISING SALES DIRECTOR DANIELLE WREN

ADVERTISING SALES MANAGER

ATLANTIC & NORTHEAST JENNIFER BALDWIN

ASSISTANT SALES MANAGER MICHELLE STRASBERG

ASSISTANT SALES MANAGER, NATIONAL/

OFFICE MANAGER COOKIE ROMEO

ASSISTANT SALES MANAGER,

ATLANTIC, NORTHEAST & WEST LAUREY J. SHERMAN

INFORMATION SERVICES MANAGER DORIAN HENAO

INFORMATION SERVICES ASSISTANT JOSHUA GIBSON



CHAIRMAN, CEO MICHAEL J. TUCKER

PRESIDENT PETER H. MILLER

EXECUTIVE VICE PRESIDENT PAUL KITZKE

CHIEF FINANCIAL OFFICER CYNTHIA GORDON-NICKS

NATIONAL ACCOUNTS MANAGER ROBERT P. Fox

WEST - NATIONAL

ACCOUNTS MANAGER JIM FÜHRER

MIDWEST - NATIONAL

JAMES F. POWERS ACCOUNTS MANAGER

INTERNET ADVERTISING MANAGER

135

VICE PRESIDENT,

CREATIVE DIRECTOR

KAREN POLLARD CIRCULATION DIRECTOR MARILYN LIGHT

CIRCULATION MANAGER

ACCOUNTING MANAGER SHAWN WILLIAMS

MANAGER, ACCOUNTS RECEIVABLE CAROLYN WALSH

SALES/MARKETING ASSISTANT SUSAN APOLLONIO

### **Traditional Building Exhibition and Conference**

ERIC PETERSON SHOW DIRECTOR

epeterson@restoremedia.com

EXHIBIT SALES ANITA DELARGY

adelargy@restoremedia.com

Toll Free: 866-566-7840; Fax: 202-339-0749

Subscriptions & Subscriber Service: 800-548-0193

Traditional Building (ISSN # 0898-0284) is published bi-monthly 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: \$21.95/yr. (6 issues).

Contents of Traditional Building are fully protected by copyright and must not be reproduced in any manner whatsoever without written permission from the publisher.

Copyright 2007 by Restore Media, LLC. All rights reserved. Restore Media, LLC, 1000 Potomac St., NW, Suite 102, 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, Richmond, VA

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

# Decorative Building Products Lowest Prices... Widest Selection... All From Stock!



- **Entries Due:** September 7, 2007
- Live Competition: October 18-20, 2007 Traditional Building Show Ernest N. Morial Convention Center New Orleans, Louisiana



# Call for Entries

### **Hosted by:**



In collaboration with:









## **LIVE** Design Competition Targets New Orleans-Style Architecture

WINNING DESIGN TO BE DONATED TO KATRINA SURVIVOR

New Orleans is synonymous with great food, great music and wonderful architecture. From Creole Cottages to Shotgun styles of the 19th century, New Orleans architecture has captured the hearts and imaginations of visitors for hundreds of years.

Working with set parameters, such as lot size, square footage, and style, your task for three days will be to design and hand-draw a new "old" house for one of New Orleans' most famous historic districts.

### Who May Enter?

Open to designers, architects and design/builders willing to take on the task of creating an interior floor plan, a front and side elevation view, and a site plan. The winning plan will be donated to a family who lost their home during Hurricane Katrina.

### Where and When?

The LIVE Design Challenge will take place at the Morial Convention Center in New Orleans during the Traditional Building Show on October 18-20, 2007. As a participant, you will be busily working at locations where conference attendees may observe and interact with you. This is a prime opportunity to exhibit your talents to thousands of potential clients.

### ✓ How to Enter?

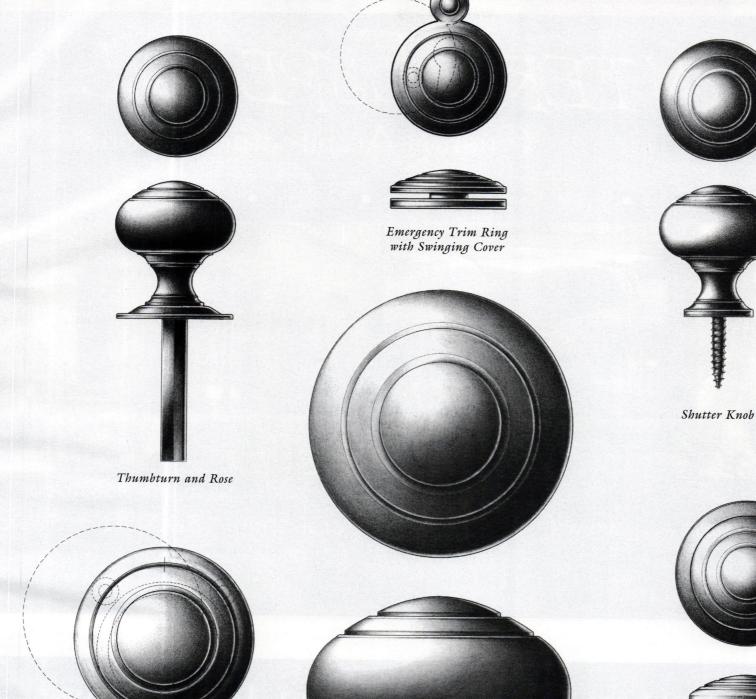
To qualify for the Traditional Building Design Challenge you must submit an application and up to 3 examples of your work. Portfolio submissions should include renderings, images, or photos of specific projects that reflect your experience and knowledge of the traditionally-inspired movement. To download a Traditional Building Design Challenge application, please visit www.traditionalbuildingshow.com or call 866.566.7840, ext 112 to receive it by fax or email.

### For information please contact:

### Steven Mickley

The American Institute of Building Design phone: 800.366.2423

email: steve@aibd.org

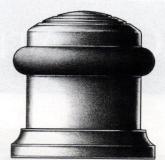


Cylinder Ring

with Swinging Cover







Cylindrical Floor Stop with Trim Ring



## E.R. BUTLER & Co.

LO Design Series W.C. Vaughan Co. Collection

Door Knobs Available in 3, 23/4, 21/2, 21/4, 2, and 13/4 inch Diameters (23/4 in. Shown). Also Available in 11/2, 11/4, 1 and 3/4 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

# CANTERA ESPECIAL Custom Architectural Stone

Adoquin • Limestone • Travertine • Cantera • Marble • Granite • Sandstone







Fireplaces, Fountains, Columns, Balustrade, Molding, Surrounds, Mosaic & Stone Flooring www.Cantera-Especial.com :: (800) 564-8608

Come See Our Showrooms ::

- •15233 ½ Valleyheart Dr. Sherman Oaks, CA 91403
- •101 Townsend Street #300 San Francisco, CA 94107

Offices in :: • Los Angeles

- San Diego
- Orange County San Francisco

WRITE IN NO. 31

# CREATE A HOUSE WITH HISTORY



Each season Old-House Journal's New Old House magazine brings you new homes that echo the past while keeping all the comforts of today's lifestyles.

New old houses satisfy our insatiable appetite for the charm of old houses while offering all the bells and whistles of today—gourmet kitchens, luxurious master baths, and rooms completely wired for twenty-first century technologies.

Through each issue of *Old-House Journal's New Old House*, we'll explore classic American house styles all across the country and hear from traditionally schooled architects who create dwellings with a sense of history and belonging. We'll discover the ideas behind designing a home with a "past:" how, for example, architects and designers introduce salvage materials into a space to give it that old-house feel; how the scale and proportions of building design found in old pattern books are finding new expressions; and how craftspeople perfect the details of centuries ago in the present.

New old houses offer a freshness to our country's landscape, bringing back a sense of place to the home.

# NEW OLD HOUSE

**Building Character in Today's Homes** 

To Subscribe to Old-House Journal's

New Old House

Call 866.298.5647

Six issues for \$17.97 plus \$2.00 postage and handling.

# WE MAKE SURE HISTORY LASTS FOREVER!

# SPECIALIZING IN HISTORIC BUILDING RESTORATION

- Decorative Finishes
- Gilding
- Interior Historic Restoration of Plaster & Paint
- Faux Finishes
- Historic Analysis Testing & Surveys
- Liturgical Design & Renderings
- Paint & Plaster Analysis
- Design of Decorative Artwork & Schemes
- Custom Murals & Frescos
- Art Restoration
- Fine Arts Conservation

## OUR WORLD FAMOUS 100' TELESCOPIC BOOM

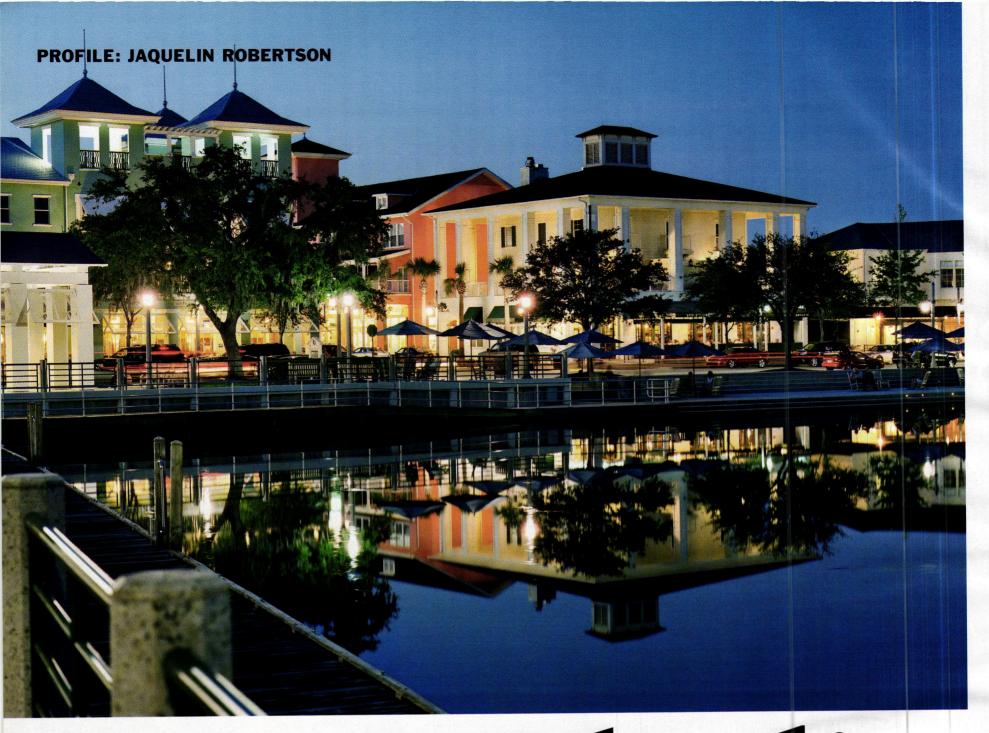
ELIMINATES THE NEED FOR SCAFFOLDING! WHICH MEANS NO UNSIGHTLY MESS AND NO INCONVENIENCES



OHN TIEDEMANN
HISTORIC RESTORATION, INC.

TOLL FREE 1.877.600.2666

www.johntiedemann.com



# Pragmatic Idealist



Jaquelin Robertson – architect, urbanist and Jeffersonian idealist – is the fifth person to win the Richard Driehaus prize for Classical architecture.

Top: The first phase of Robertson's plan for Celebration in Florida included a town center with a range of building types situated on a tightly ordered street grid. Residential, retail and commercial functions mix easily in a relaxed waterfront atmosphere. Photo: Robert Benson Photography

Jaquelin Robertson, a son of Virginia and disciple of Jefferson, tops a more than 40-year career in traditional architecture by winning the 2007 Driehaus Prize. By Kim A. O'Connell

ithin moments of opening a discussion with Jaquelin T. Robertson, FAIA, FAICP, he offers – in the rich, honeyed tones of his native Virginia – a short survey course on American history and architecture. Noting that this year marks the 400th anniversary of the Jamestown settlement, Robertson reflects on the parade of conquerors and bloody our early builders brought architectural ideas over

wars that marked this nation's founding, and how our early builders brought architectural ideas over from Europe as a way of planting a flag of respectability and recognition in the New World.

"We didn't have the refined builders; we were building much cruder stuff," says Robertson, speaking from the New York City headquarters of Cooper, Robertson & Partners, the firm he has helmed for nearly 20 years. "Our Georgian houses were tiny compared to those in England. Imagine the confrontation of this old-world architecture – which we could hold up and say 'I didn't come from nowhere' – and yet you could turn around 180 degrees and see an endless wilderness. It's all about these tiny buildings almost..." – he pauses, searching for the right word to convey the sheer audacity of early America – "almost shivering in the wilderness, but saying that we represent something big."

Robertson continues in this vein, leading his listener to wonder when he will get around to talking about himself, the subject of the interview. Yet it soon becomes clear that to talk about the antecedents of American architecture is to talk about Robertson, who once took over the deanship of the University of Virginia architecture school not just to teach, but also to learn from the maestro himself, Thomas Jefferson. Returning to the countryside of his youth was so fundamental, so connected to the very atoms of American culture, that he has often called it "going to ground."

Throughout a long career that has spanned the spectrum from upscale residences to comprehensive master plans, producing buildings here and abroad, Robertson has retained a strong sense of tradition. To him, tradition does not mean following the Classical orders if that is not what suits the site – although when it does, such as at the Georgian-style New Albany Country Club in Ohio, the effect is exquisite. There, Robertson re-created a stunning 18th-century plantation for modern times, with a red-brick temple-like main clubhouse that is flanked by support buildings tied together with Classical arcades and colonnades.

Tradition also means taking a comprehensive view of a town or city, with its logical hierarchies and organization, which Robertson executed at the famous Disney town of Celebration, FL. And Robertson has also interpreted tradition through a modern lens, as with his design for the Aerospace Center headquarters in Washington, DC, which tips its hat to New York



The New Albany Golf Clubhouse, on the outskirts of Columbus, OH, is astonishing in its Classical purity. The Georgian temple-like structure, with its elegant arcades and colonnades, is meant to set the aesthetic tone for residences and other buildings in the area. Photo: Robert Benson Photography

City's famed Flatiron Building in a streamlined way that suits its unromantic, policy-focused surroundings.

This spring, in honor of these and many other achievements, the University of Notre Dame's School of Architecture named Robertson the winner of the 2007 Richard H. Driehaus Prize for Classical Architecture, which includes \$100,000 and a model of the Choregic Monument of Lysikrates, a Corinthian structure in Athens. Robertson joins a pantheon of previous laureates – Léon Krier, Demetri Porphyrios, Quinlan Terry and Allan Greenberg. "Jaque has been doing this work a very long time," says Michael Lykoudis, dean of the school. "He has brought many people to the table and asked, 'Where do we go from here in terms of architecture and urbanism?' He has always been tackling the most important issues, and he's always done so with a great deal of facility without ideological fervor. That's what the Classical movement needs, to be less ideological and more pragmatic."

### Architecture and Urbanism

In Virginia, there are still places where people talk about the Founding Fathers the way others might chat about an aunt or uncle. So it is with Jaque Robertson, who was raised in a Georgian-style house in Richmond and is descended from a long

line of notable Virginians, including presidents Zachary Taylor and James Madison. Robert E. Lee even took tea with his great-great-grandfather, Robertson mentions casually. Growing up there, he says, "You cared about houses, landscapes, gardens and fields, and you cared about public buildings, churches, courthouses, libraries and schools. But it was a culture organized around the house as the central element of architecture."

Although Robertson remembers being strongly affected by all the great plantations and estates of the South, his childhood horizons expanded dramatically when Robertson's father, Walter, served in the U.S. State Department and was a special envoy to China. Moving to the Far East was an eye-opening experience for the younger Robertson, who began painting and drawing buildings. Upon the family's return, Robertson went to preparatory school in New England and then to Yale University, where he studied politics. There, he took elective courses in art and architecture, including a course with Vincent Scully. He then won a Rhodes scholarship to Oxford, studying philosophy and economics before he returned to Yale to earn a master's degree in architecture.

After working in private architectural practice and also teaching at both Yale and Columbia University's architecture schools, Robertson turned his attention to



Jaque Robertson and his colleagues were retained by the Disney Development Company to craft a master plan for the classic New Urbanist town of Celebration, FL. Drawing on precedents set by traditional Eastern Seaboard towns, Robertson worked hard to give Celebration a real sense of place.



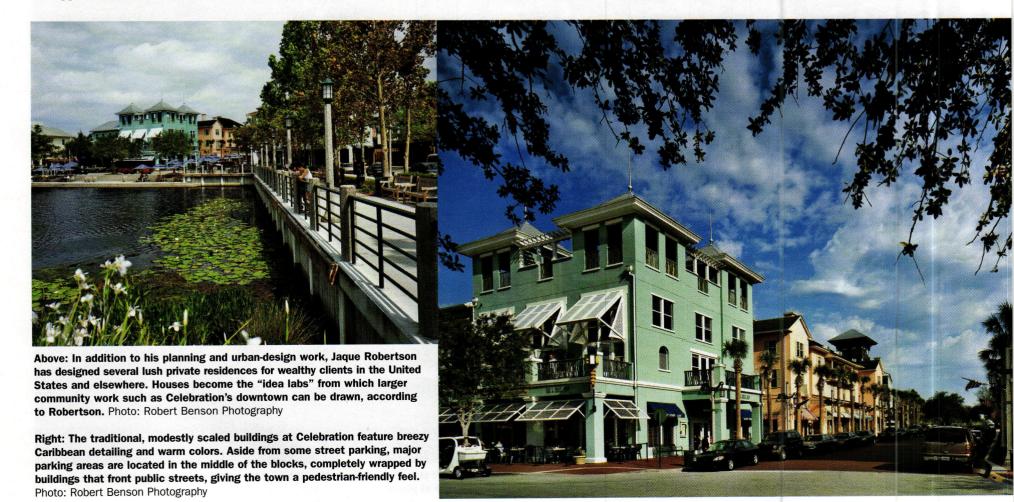
Initially conceived as a resort and second-home community, the New Urbanist town of WaterColor, FL, was eventually developed as a year-round residential community, with retail, office and recreational functions. Cooper, Robertson & Partners designed 19 mixed-use buildings in the town center, 28 cottages, and other community buildings, all according to a color-coded pattern that unifies different neighborhoods and reflects the location's painterly name. Photo: The St. Joe Company

city-making. In the late 1960s and early 1970s, he worked on planning efforts for New York City under Mayor John Lindsay, co-founding the New York City Urban Design Group and later becoming a planning commissioner. During that time, he helped the city to embrace the concept of mixing uses, putting residential units above street-level retail long before the practice was branded and marketed as New Urbanism.

"Vitruvius said architecture is about commodity, firmness and delight," Robertson says, as a way of explaining how city planners have gotten away from the simple formulas that made cities great in the past. "This is architecture that does what it's supposed to do – it holds up, and it brings pleasure to its occupants. In the '70s,

a whole group of us were working on the city, and we were obsessed with how a city is made and what makes it work."

In 1975, Robertson uprooted himself again, leaving New York to direct the planning and design of Shahestan Palavi, a new urban center in Tehran, Iran. There, Robertson was bewildered by how Iran's leaders wanted to eschew their Persian architectural traditions in favor of Western-style high-rises. He suggested instead a mixed-use plan that relied on local and traditional building materials like stone and brick. Although Robertson insists that the Iranian leadership was open-minded to his ideas, the project ultimately was nixed and Robertson returned to the United States, where he formed a partnership with Peter Eisenman.





Above: WaterColor is structured along two main axes, a long southwest/northeast axis – called the "water axis" – that connects the Gulf of Mexico with the town center, the village green and the lake, as well as the east-west "land axis" that connects various residential neighborhoods. Cooper, Robertson & Partners' plan includes provisions to connect Water-Color's street system with that of neighboring Seaside, if Seaside's leaders and residents agree to it. Plan: Cooper, Robertson & Partners

Right: Drawing on traditional French town planning, Cooper, Robertson & Partners developed a master plan for Val d'Europe, a new 290-acre transit-oriented, mixed-use community on the outskirts of Paris that employs a hierarchy of boulevards and streets tying old and new together. Plan: Cooper, Robertson & Partners

Back home, Robertson realized that, as he had fought to convince Iran's leaders not to repudiate their culture, tradition was being paved over in just about every city and suburb in America. "We built these ring-around-the-collar, low-rise, incredibly inefficient strip suburbs and drained the center of the city, which I called the Nagasaki syndrome," he says. "We have produced this grotesque physical land-scape, with almost nothing that you can remember."

A major problem, Robertson believes, is the separation of disciplines related to urban planning and development. "Designing buildings is easy; designing cities is hard," he says. "Town planning and landscape and architecture and historic preservation are all inextricably connected. You can't have architecture without urbanism."

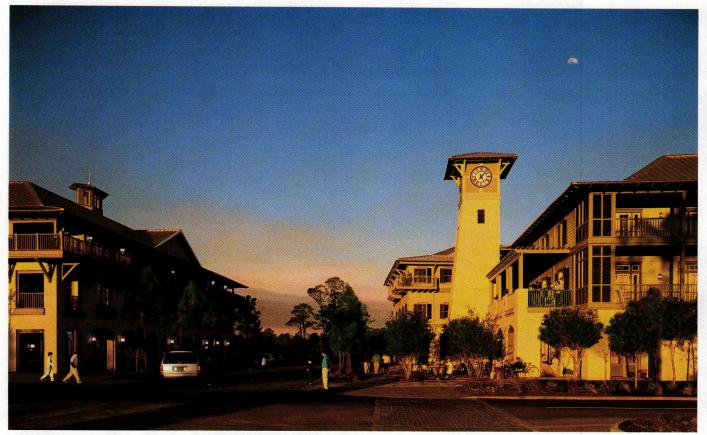
To immerse himself in the origins of American urbanism, Robertson returned to Virginia.

### The Idea Factory

After ruminating on some of the notable people with whom he has worked, Robertson makes the somewhat surprising statement that he and Frank Gehry are close friends. Frank Gehry, the deconstructivist? He of the Bilbao blobs? Yes, Robertson says, asserting that Gehry understands urbanism and the importance of scale and location. Although Robertson might never build like Gehry, he recognizes an exactitude and discipline in his work and that of some other Modernists – such as the great Mies van der Rohe – that is derived from Classicism.

"Classicism is the *lingua franca* of western culture," Robertson says. "There is a Classical revival in almost every age. It keeps coming back, yet it is not a rote copying of old buildings. There are new needs, the technology of doing things changes, and each time it comes back it's different, but the same. It's a great continuum, which is the key. The great strength of western Classicism is that it's a fundamental language. You can't afford not to know it. You don't have to slavishly follow it, but you have to know it. Mies van der Rohe knew it."





Robertson and his colleagues designed WaterColor's downtown buildings to reflect the local architectural vernacular, featuring Spanish, English and French Colonial influences. Details include arcaded bases, overhanging roofs and shuttered porches. Photo: The St. Joe Company

If Classicism is a language, then Jefferson's University of Virginia campus provides the grammar – a perfect set of rules on how to build. And Monticello, the third president's quirky yet brilliant estate, is a place where the Classical language is embroidered and interpreted. "Jefferson was convinced that you have to build architectural models for your countrymen that they can copy," Robertson explains. "Jefferson's academical village is arguably the best complex of buildings in the United States. Monticello is one of the great idea factories in the history of architecture. There, I began to understand American history – it was like a re-Americanization."

Although not initially interested in running an architecture school, Robertson served as dean of the University of Virginia's architecture program from 1980 to 1988. There, he made a practice of inviting notable guest speakers and organized

a famous symposium with 25 of the nation's leading architects, including the likes of Robert Stern and Léon Krier, that resulted in the publication of a book titled *The Charlottesville Tapes*.

During this period, Robertson wrote a significant two-part treatise – titled "In Search of an American Urban Order" – for *Modulus*, the University of Virginia Architecture Review, in which he delineates how Jefferson's architectural ideas could be referenced to solve the nation's ongoing problems with sprawl, environmental degradation and pervasive ugliness. The academical village, he wrote, underscores the value of several key tenets of urban life: small, workable groups; mixed-use settings; variety within hierarchy; the presence of history; practical needs; and, finally, the delicate balance between the natural and built worlds, ideas and buildings, and public versus private agendas.

"These and other ideas are implicitly coded in Jefferson's ideal city," Robertson wrote then. "That they are less-often discussed is a testament to the physical presence of the actual buildings and gardens which speak eloquently enough without intellectual elaboration. Yet the plan and the various early engravings of the completed complex remain with us today as perhaps the most distilled ideogram of our initial urban dispositions, a fitting mandala for our New World arcadian experiment."

### Founding the Firm

Eight years spent toiling in the realm of ideas, however, and Robertson wanted to get back to practicing architecture fulltime. In 1989, he founded Cooper, Robertson & Partners with his old classmate and colleague Alexander Cooper, FAIA, whom Robertson met at Yale decades earlier. Today, the firm employs 115 people and has produced master plans, lush private residences, and public buildings for clients all over the world.

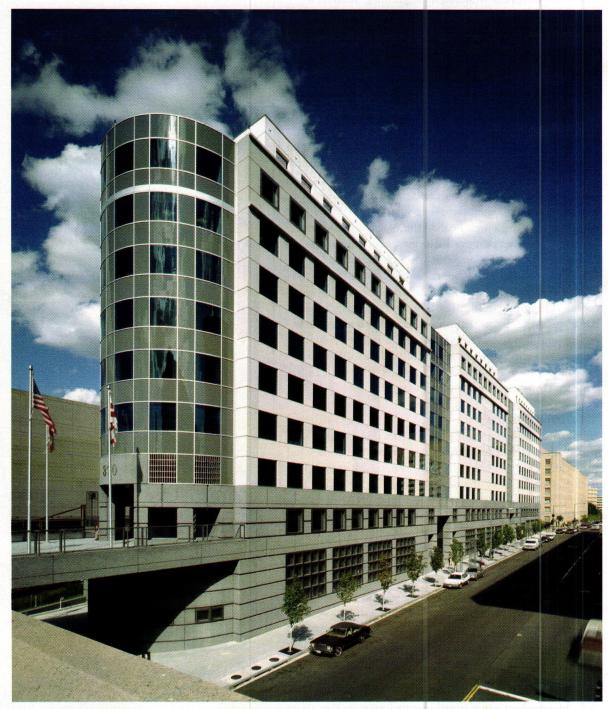
In Florida, Robertson crafted two master plans for the New Urbanist towns of Celebration and WaterColor. At Celebration, Robertson produced a logical plan in which walkability is paramount and the streetscape and parkland reign supreme. It was essential to Robertson that the town, although built under the imprimatur of the Walt Disney Company, be "real," where schools and offices and churches hold prominent locations and are actually used. In designing the buildings, Robertson referenced the relaxed traditionalism of Eastern Seaboard towns from Nantucket to Charleston.

WaterColor is not as well known, but the execution of its master plan may even have been more successful. It is a nearly 500-acre mixed-use community on the Gulf of Mexico, which borders Seaside, the iconic New Urbanist development. Here, two intersecting axes provide form and structure to the village - a "water axis" that passes from the Gulf of Mexico through the town's changing landscape of trees, flowers, beaches and lakes and a "land axis" that connects to a neighboring residential area. The buildings reflect the vernacular of northwest Florida, including Spanish, English and French Colonial influences, as well as the site's natural surroundings, which reminded Robertson of the backgrounds in Audubon's prints of Florida birds or the watercolors of Winslow Homer or John Singer Sargent. Robertson calls WaterColor "exquisitely beautiful" and counts it among the most rewarding projects of his career.

"As soon as you go into a good city, you know it," Robertson says. "To design any one of the parts of a city, it requires an understanding of the order of the whole. It's fundamental and it's

true in medicine, military campaigns and nature. All serious propositions are about how individual acts affect the larger order. You have to have flexibility of the variables but not at the expense of the greater truths."

Ever the pragmatist, Robertson believes the Driehaus Prize is significant partly because it includes such a large endowment, something the commercial American culture can understand and will likely promote as a result. Although it sounds somewhat mercenary, Robertson wants only for more people to understand and appreciate how very fertile and workable — and utterly American — the Classical tradition can be. "This prize has meant a lot to me personally," he says. "Western Classicism has responded to almost everything that we have dealt with at different stages of history and continues to be an adjustable and evolving language, and so this is incredibly important." **TB** 



Located on a triangular lot in southwest Washington, DC, the Aerospace Center is sleek and Modernist in appearance, but it also is influenced by New York City's famed Flatiron Building, with its three distinct horizontal sections from base to crown and its curved edge. Photo: Robert C. Lautman



Makes the barn as beautiful as the main house. Using your imagination lets you see things no one else sees. Bring your visions to life with AZEK Trimboards, the #1 brand of trim. With the look, feel and sound of wood, AZEK Trimboards offers unmatched durability. Create with confidence as AZEK Trimboards is the only brand of trim to have a building code report. No wonder it's quickly making wood trim obsolete.

For more info, call (877) ASK-AZEK or visit www.azek.com.



Once you look, it's all you'll see."

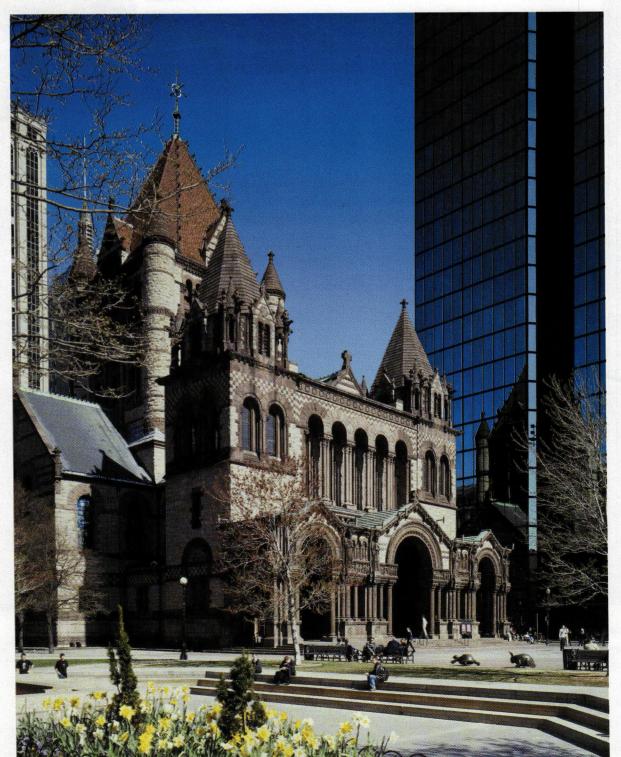
# Finding Common Ground

Historic preservationists have long touted the sustainable aspects of their work, but now a coalition is working to reflect this fact in the LEED sustainable rating system.

By Kim A O'Connell

ith its castellated roofline and rifle slits, the First Regiment Armory Annex in Portland, OR, retains much of the Romanesque detailing that warranted the 1891 landmark's inclusion on the National Register of Historic Places. Inside, exposed brick walls and massive trusses hewn from old-growth trees give the building an imposing presence, far different from the more typical modern office buildings nearby. Last fall, the Armory gained another distinction – becoming the first National Register-listed historic building to earn the coveted platinum designation under the U.S. Green Building Council's (USGBC) LEED rating system.

Originally erected to serve the Oregon National Guard, the building has now been transformed into the Gerding Theater, which includes a 600-seat main theater and a 200-seat studio theater, as well as a lobby, mezzanine and offices. In seeking the LEED certification, the renovation team was careful to preserve historic





Surrounded by the glass and concrete office towers, Trinity Church is a bastion of traditional design in Boston, presenting a special challenge to the architects charged with rehabilitating – in a sustainable manner – the space for offices and meeting rooms. Photo: Peter Vanderwarker

architectural features while incorporating sustainable elements such as skylights for natural daylighting and a displacement ventilation system to improve air flow. The project – led by GBD Architects, Green Building Services, Glumac, and Hoffman Construction – combined several disparate financing methods, including tax credits for new market development, historic rehabilitation, and energy efficiency. "We really take a whole-building approach to our built environment," says Alan Beard, FAIA, principal of Portland-based GBD Architects, "with the resulting benefits to our natural environment."

The Gerding Theater has been hailed as the latest example of how the LEED system can be successfully and rigorously applied while preserving a historic building. For years, the historic-preservation community has touted the inherently environmental aspects of saving older structures and supporting traditional construction

practices. Yet a growing coalition of preservation and sustainable-design advocates is pushing the USGBC to go further to recognize the value of historic preservation in its increasingly popular LEED system.

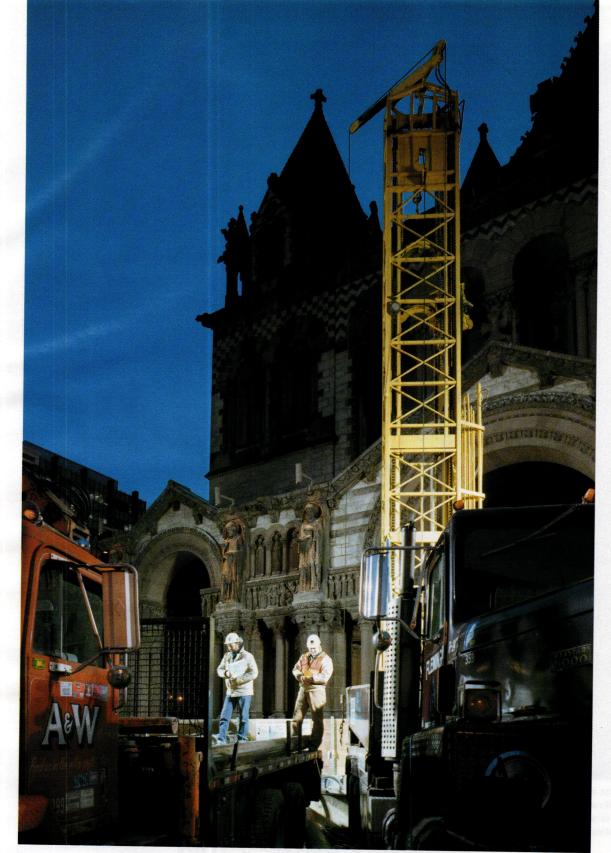
### Laying the Foundation

Launched in 2000, LEED, which stands for Leadership in Energy and Environmental Design, is a third-party rating system designed to encourage the implementation of green-building practices in commercial, institutional and residential structures. LEED criteria emphasize sustainable site development and maintenance, water efficiency, energy conservation, renewable or recycled materials and resources, indoor environmental quality and design innovation. These criteria are broken down into checklists through which projects can earn basic certification or silver, gold and platinum ratings. Currently, LEED standards are available for new construction and major renovation projects, existing building operations, commercial interiors, core and shell projects, homes and neighborhood development.

In the past, historic preservationists have supported the general concept of sustainable design – noting that reusing an older building is the ultimate kind of recycling – while remaining wary of the green-building community's emphasis on new technologies and novel materials. Green builders, they have argued, often miss the forest for the trees – touting the reuse of salvaged materials, for example, while discounting the economic, environmental and cultural value of saving an entire structure from demolition. By contrast, sustainable-design advocates have been frustrated by preservation standards and guidelines that they feel are rigid and outdated.

Without clear guidance, projects run the risk of becoming a mish-mash of quasi-historical green design. In Seattle, for example, the developers of the LEED-eligible Alley24 office/apartment building thought they were being sensitive when they incorporated the shell of the 1920s-era Richmond Laundry building, a city landmark,

The design team from Goody Clancy needed to install updated mechanical systems to heat and air-condition the new meeting spaces, but the steep roofs and spires of the church – designed in 1877 by H.H. Richardson in the Romanesque style named for him – prohibited a typical roof-mounted cooling system. Photo: Peter Vanderwarker



Workers get ready to install a subterranean geothermal energy system at Trinity, in which water is pumped through four-in.-dia. tubes at a depth of 1,500 ft., providing a constant source of 50- to 55-degree water for heating and cooling. Photo: Peter Vanderwarker

Other projects have not necessarily followed the LEED system while crafting careful solutions to tricky sustainable design problems. In Boston, Goody Clancy has undertaken a difficult rehabilitation of Trinity Church, an 1877 landmark designed by H.H. Richardson in the rugged Romanesque style for which he is known. There, the design and engineering teams created a new undercroft meeting space beneath the sanctuary, but they struggled with where to put the new mechanical systems to condition the space. The church's steep roofs and spires prohibited a typical roof-mounted cooling system. Instead, the team conceived of a subterranean geothermal energy system in which water is pumped through four-in.-dia. tubes at a depth of 1,500 ft., providing a constant source of cool (50- to 55-degree) water as a source of heating and cooling.

"The Trinity Church project is the essence of sustainability without ever winning a sustainable award or following a checklist," says Carroon. "It was finding space below the building in the old basement [instead of adding on to the building]. Geothermal wells were really driven by the idea that we needed air conditioning in the new space, not the old space. Traditional mechanical systems would have had a severe architectural impact, so the geothermal system evolved out of an attitude of stewardship for the building. It was finding the appropriate solution."

### **Conflict and Consesus**

Although green preservation projects have been undertaken for more than a decade, the last two years have produced particularly thoughtful dialogues, beginning with a groundbreaking symposium in Halifax, Nova Scotia, in September 2005, hosted by the Association for Preservation Technology International (APT). Meetings on the subject now occur across the country, all year long. In December 2006, for example, the U.S. Department of Energy hosted a two-day workshop on historic preservation and energy efficiency in federal buildings.

The groundswell reached a high point last October, when more than 80 practitioners participated in the Greening of Historic Properties National Summit in Pittsburgh, held just prior to the National Trust for Historic Preservation's annual conference. Afterwards, the Pittsburgh History & Landmarks Foundation and the Green Building Alliance circulated a draft white paper among interested groups, summarizing the key points of the summit.

To the chagrin of some observers, the paper expends considerable space discussing the challenges to green preservation and the conflicts that its authors contend are inherent between the two disciplines. "The standards governing historic preservation projects have been questioned – or even disputed – by a number of groups throughout the years," the authors write. "Within the past 15 years, green building initiatives have challenged existing historic preservation standards with new approaches to building reuse, restorations, materials selection and system retrofits."

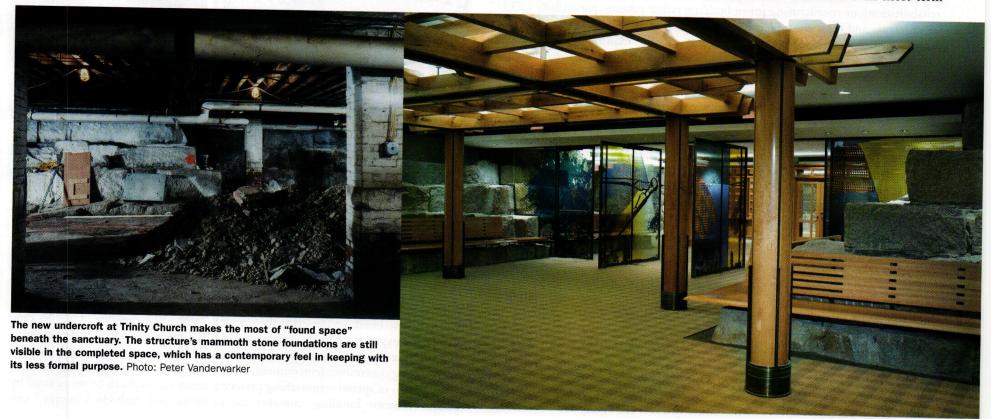
Major challenges, according to the authors, include the lack of coordinated public policy encouraging green/historic initiatives; the lack of significant public investment and interest in these undertakings; the inflexibility between green-building guidelines and preservation standards; the cultural focus on short-term

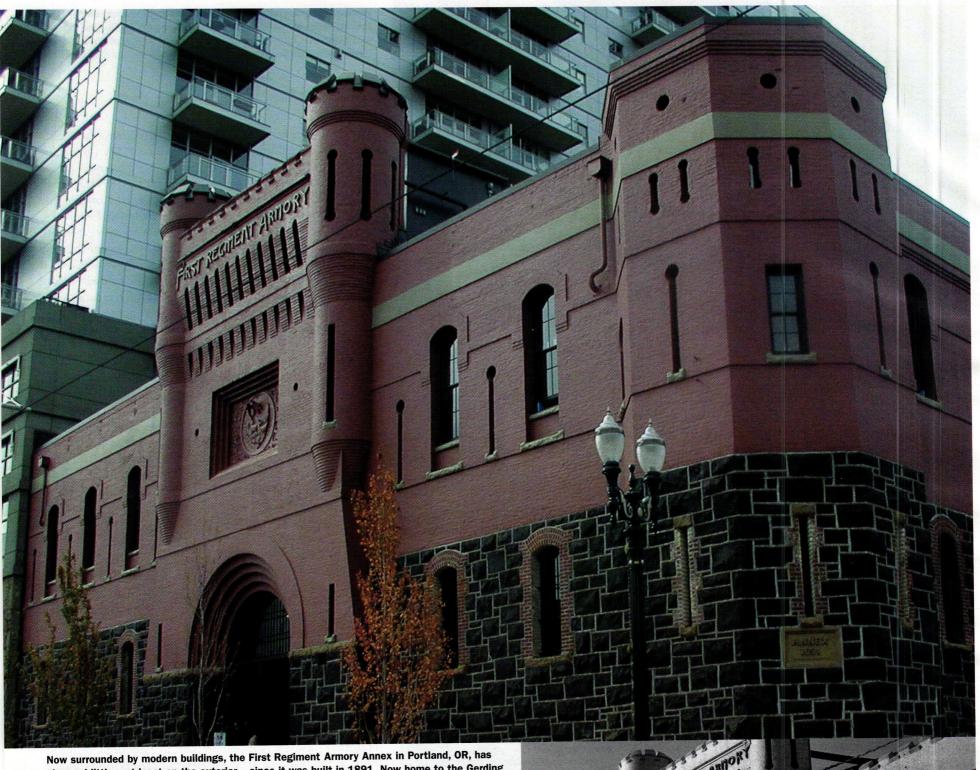
into the new façade. In the process, however, the building's distinctive sawtooth roof was removed and the original windows replaced with energy-efficient double-paned glass. Although the local landmarks board required the developers to partially reconstruct the roof, preservationists felt the damage had been done.

ly reconstruct the roof, preservationists felt the damage had been done.

Despite these potential hurdles, several recent renovations of historic buildings have become pioneering projects in the field. Jean Carroon, AIA, a LEED-accredited preservation principal with Goody Clancy in Boston, MA, estimates that nearly two dozen old and historic buildings have been certified through the LEED system. Two of the best-known projects are the Jean Vollum Natural Capital Center and the Balfour-Guthrie building, both historic warehouses in Portland,

OR, that were sustainably rehabilitated to earn the gold and silver ratings, respectively (*Traditional Building*, July/August 2003).





changed little - at least on the exterior - since it was built in 1891. Now home to the Gerding Theater, including office and meeting spaces, the building is the first structure listed on the National Register of Historic Places to earn a LEED platinum certification. Photos: courtesy of Green Building Services; Oregon Historical Society (historic photo)

gains and "disposal architecture"; and the costs of green preservation as opposed to new construction.

Several groups have already commented on the white paper or are preparing to do so, including APT and the National Trust. APT, for its part, found the white paper to be "off message" and charged that the paper calls for only "one-dimensional" remedies, such as changes in the decades-old federal preservation standards. "By dwelling on the purported conflicts, the white paper underemphasizes the fundamental challenge facing both the green building and historic preservation communities: defining strategies to sustain the existing building stock," wrote Carl Elefante, AIA, and Susan Ross, co-chairs of APT's technical committee on sustainable preservation."Green preservation flourishes today without dramatically altering preservation standards, including the Secretary of the Interior standards [on rehabilitation], or restructuring green building rating systems, particularly LEED."

Elefante and Ross cite a recent assessment of the LEED rating system for new construction that concluded that 20 possible credits are "existing building neutral," meaning that they could apply equally to new construction or existing buildings. Another 11 credits were categorized as supporting preservation directly, such as site selection and building reuse.

Perhaps the greatest bone of contention between the two groups, however, involves the treatment of windows. Replacing older windows with supposedly more energy-efficient modern replacements is one of the most oft-repeated mantras of the sustainability movement - a suggestion that was even included in Al Gore's smash global-warming documentary, An Inconvenient Truth. But the claim that insulated glass replacement windows save energy and money ignores the embodied energy in old windows, as well as the energy and costs involved in removing and disposing of existing windows and installing new ones. This does not even begin to address the cultural aspects of historic windows and how they contribute to historic buildings and communities.

"It's a crazy statement to say that people will save energy by replacing windows," says Walter Sedovic, AIA, principal of Walter Sedovic Architects in Irvington, NY. "The performance life of vinyl replacement windows is very short, and even if you were to replace older windows with wood, the quality of fertilized wood from tree farms is nowhere near what the quality of wood was years ago. It's a marketing nomenclature people have bought into - we don't have 'replacement doors' or 'replacement light fixtures,' for instance."

Sustainability is too often boiled down to simply energy conservation, Sedovic adds. "But energy conservation," he says, "simply plays a function within the three realms of sustainability - environment, economy, and social equity and community."



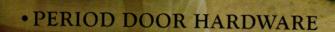
Realizing the Potential

In late 2005, the National Trust for Historic Preservation, the National Park Service, the American Institute of Architects (AIA), and APT wrote a joint letter to Richard Fedrizzi, USGBC president, to seek common ground. "We need to ensure that the full potential of older buildings can be realized in the green building rating system," the signatories wrote. "Older and historic buildings comprise more than half of the existing buildings in the United States and the retention and reuse of these buildings preserves the materials, embodied energy, and human capital already expended in their construction." But historic preservation also has even greater value than this. By defining streets and neighborhoods, reducing waste and encouraging downtown reinvestment, historic buildings help localities to limit the worst effects of sprawl - something preservationists say ought to be recognized by LEED. "Historic buildings conserve the materials and embodied energy," says



# CAl Bar Wilmette PLATERS

www.albarwilmette.com



- FINE PLATING & SPECIALIZED FINISHES
- DOOR HARDWARE & RESTORATION
- LIGHTING RESTORATION & WIRING
- CUSTOM ARCHITECTURAL HARDWARE

Al Bar-Wilmette Platers was founded in 1937 by two craftsman dedicated to the restoration and preservation of fine artifacts for the communities just north of Chicago, Lake Michigan's exclusive "North Shore". Al Bar-Wilmette Platers, a family owned shop, continues building on their foundation of excellence by providing complete restoration services. Today, we offer services nationwide, specializing in the restoration of metal items found in both period and newly constructed homes.

• BRONZE • SILVER • OIL RUBBED BRONZE • NICKEL • COPPER • GOLD • ANTIQUE NICKEL



www.wilmettehardware.com



Featuring

Russell Versaci

Inspired by Tradition.

Designed by Russell Versaci.

Crafted by Al Bar-Wilmette.

A. Russell Versaci, AIA



In one of the boldest moves in the interior, the armory renovation team designed a large oculus in the second floor that preserves views from the first floor to the building's historic wood roof trusses. Other sustainable elements included new skylights for natural daylighting, which were actually part of the building's original design. Photo: courtesy of Green Building Services

Rhonda Sincavage, a public policy associate at the National Trust, "but we also want people to think about the impacts avoided by not disposing of these buildings."

The joint letter requests that the coalition formalize its relationship with the USGBC through the creation of an historic-projects committee, which would work to devise a guideline for applying existing LEED standards to older structures or to develop an entirely new LEED rating system for historic buildings (although this latter point may not be necessary, some say). "We're creating policy that we can all agree to," says Barbara A. Campagna, AIA, the Graham Gund architect of the National Trust and current president of APT. "There doesn't necessarily have to be

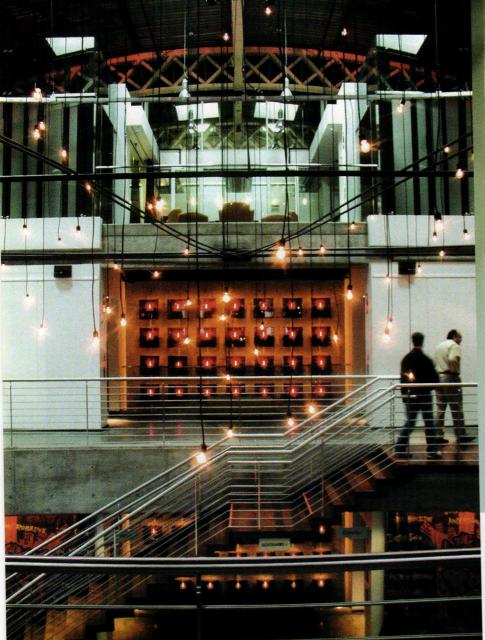
ther true sustainability can ever be achieved.

Going forward, Jean Carroon offers three tenets that she says should support every sustainable preservation project. "First, it's about more than buildings," she says. "You have to think big and you have to think about the global community. Secondly, you should be skeptical but optimistic. I'm skeptical that replacement windows are really greener than existing windows, but LEED has given me, as a preservation architect, more options and more ways to be green. Because of LEED, there is so much awareness and ability to do creative things. Finally, we need to believe that we can really change things. We have to believe and we have to act." **B** 

a LEED-HB for historic buildings. By 2030, there will 54 billion square feet of buildings that will need renovation. They will not all be so-called historic buildings. It's important that we be able to address all the existing building stock."

"This is a significant group of interested parties wanting to engage the USGBC and come up with the best solution," echoes Ralph DiNola, Assoc. AIA, a LEED-accredited professional and principal with Portlandbased Green Building Services, who worked on the Jean Vollum Natural Capital Center, the Balfour-Guthrie building, and now the Gerding Theater. "But we're not going to say it definitely has to be this or definitely that. Whatever the outcome is, it's going to provide guidance and education to project teams that are pursuing LEED for their historic projects."

When it comes to the future of LEED, the question remains whether the value of an historic building – or any building, really – can be divorced from an understanding of how it contributes or detracts from the society at large. Historic buildings embody energy, yes, but they also embody the hopes and ideals of the communities that produced them. Until that fact is somehow reflected in the LEED rating system, preservationists may have reason to be concerned about whe-





Above: Massive trusses hewn from old-growth wood are among the most character-defining elements of the historic 1891 building and were carefully preserved even in the tricky modern office spaces. Photo: courtesy of Green Building Services

Left: The lobby is the most dramatic space in the new Gerding Theater, with its open design that maximizes the full height of the historic building. Sustainable features throughout the building include a natural air flow and ventilation system in the theater, a rainwater collection system for use in the building's toilets, and locally produced and recycled-content products. Photo: courtesy of Green Building Services



You create your dream. We provide the comfort. Guaranteed.

Your comfort begins at www.unicosystem.com/iah



The Unico System®

Small-Duct Central Heating & Air Conditioning



# 2007 PALLADIO AWARDS

# For Excellence in Traditional Commercial, Institutional & Public Architecture

Sponsored by Traditional Building and Period Homes magazines and the Traditional Building Exhibition and Conference

The Palladio Awards program honors outstanding achievement in traditional design. The goal of the program is to recognize project teams whose work enhances the beauty and humane qualities of the built environment through creative interpretation and adaptation of design principles developed through thousands of years of architectural tradition.

The 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 program applies the same criteria that Palladio used in his own work: Projects should meet all the functional needs of contemporary usage while applying lessons learned from previous generations to create enduring beauty.

The Palladio Awards were presented at a ceremony in Boston on March 7 as part of the Traditional Building Exhibition and Conference. The winners presented their projects the following day during the conference.

### The winners for commercial, institutional and public work are:

**NEW CONSTRUCTION:** 

Hanbury Evans Wright Vlattas + Company, Norfolk, VA, and Shepley Bulfinch Richardson & Abbott, Boston, MA, for the design of the Paul Barret, Jr., Library at Rhodes College, Memphis, TN

RESTORATION & RENOVATION:

Hartman-Cox Architects, Washington, DC,

for the restoration of the Donald W. Reynolds Center for American Art and Portraiture, Smithsonian Institution, Washington, DC

ADAPTIVE REUSE:

Commonwealth Architects, Richmond, VA,

for the adaptive reuse of a 1919 car dealership as office and retail space in Richmond, VA

Six awards were also made for residential projects.

On the following pages, the three winning projects are presented. The winners in residential design will be published in the July 2007 issue of Period Homes. We congratulate all of the winners and the other firms that submitted projects for producing buildings that are both beautiful and functional. For more information on how to enter the 2008 Palladio Awards competition, click on the Palladio icon at www.traditional-building.com or go to www.palladioawards.com.

### The Jury

A jury of distinguished design professionals was selected by the editors of Traditional Building and Period Homes magazines for the 2007 program. They were:

Anne Fairfax, Chairman, The Institute of Classical Architecture & Classical America (ICA&CA); Principal, Fairfax & Sammons Architects, New York, NY

Michael Lykoudis, Dean, University of Notre Dame School of Architecture, South Bend, IN

Raymond Pepi, President, Building Conservation Associates, New York, NY

Rob Robinson, Managing Principal, Urban Design Associates, Pittsburgh, PA

Thomas Gordon Smith, Professor of Architecture, University of Notre Dame School of Architecture, and Architectural Fellow, U.S. General Services Administration

The Palladium is the

### THE PALLADIUM

cast-bronze trophy awarded each year to the winning firms in the Palladio Awards design competition. The trophy is based on a motif that has been in continual use as an architectural enrichment for more than 2,500 years: the Greek anthemion. The anthemion, a highly stylized version of the Greek honeysuckle or palmette plant, has been used through the centuries to decorate everything from the Parthenon to contemporary Classically influenced furniture.

The trophies for the Palladio Awards program are created by

Historical Arts & Casting, Inc. of West Jordan, UT. The firm's design studio took the traditional anthemion form and adapted it to create a new ceremonial sculptural shape. The Palladium trophies were then cast from the model in architectural bronze using the traditional lost-wax method.

In creating the Palladium, the artisans at Historical Arts & Casting, Inc., exemplified the basic goals of the Palladio Awards program: They've given us a dramatic example of how historic forms can be adapted and used to create beauty in the modern world.

### New Construction

Winner: Hanbury Evans Wright Vlattas + Company; Shepley Bulfinch Richardson & Abbott



**Project:** Paul Barret, Jr., Library, Rhodes College, Memphis, TN

**Architects:** Hanbury Evans Wright Vlattas + Company, Norfolk, VA,; Jane Cady Wright, AIA, principal; and Shepley Bulfinch Richardson & Abbott, Boston, MA; Ralph Jackson, FAIA, principal

**General Contractor:** Grinder Tabor Grinder, Memphis, TN

## Shift of Axis

hen the trustees of Rhodes College, a small liberal arts campus in Memphis, TN, realized they needed a new library, they faced a number of challenges. First, they knew that the new building would have to reflect the Collegiate Gothic style of the campus as originally designed by Charles Klauder in 1925, and as mandated by the school's founding president and board of directors. They also knew that it had to both fit into a carefully thought-out master plan and facilitate a complex program. With a long list of requirements for their traditionally styled building, they turned to Hanbury Evans Wright Vlattas + Company of Norfolk VA, a firm that had completed numerous other projects on the campus, including the most recent master plan. Boston, MA-based Shepley Bulfinch Richardson & Abbott, known for its library design expertise, collaborated on the project.

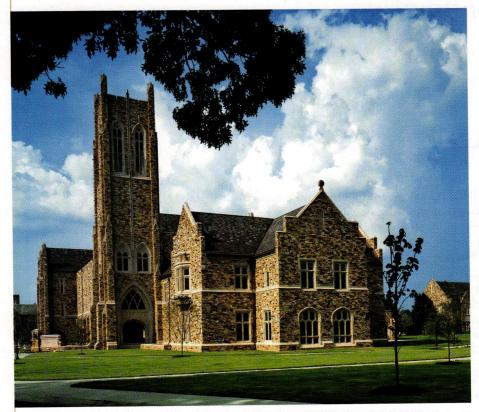
The Paul Barret, Jr., Library replaces a 1953 library that was built to serve a campus population of 700. By the year 2000, however, the college had grown to more than 1,600 students and 175 faculty members. When he joined Rhodes College as president in 1999, Dr. William Troutt saw the need for a new library. A grant from the Paul Barret, Jr., Trust soon made it possible.

Construction began in March 2003 on the \$42-million, four-story Barret Library and it was completed two years later in August 2005. The Collegiate Gothic structure provides 136,000 sq.ft. (108,000 sq.ft. occupied) of space to house up to 500,000 volumes, as well as computer labs, an assistive-technology room for the visually and hearing impaired, a 32-seat viewing theater, "hang-out" spaces, a 24-hour coffee lounge and expanded reading rooms for special collections. This description, however, doesn't do justice to the scope of the final results. Ultimately, it is far more than a library – it has reorganized the college, becoming the new intellectual center of the campus. With its traditional design, the building respects the campus and the wishes of the founders to provide an aura of permanence and tradition. With its size and position, it also provides a new gateway to the west and forms a new academic quadrangle to the east.

"One of the things that is unique about this project is that it was truly informed by a master-planning process," says Jane Wright, AIA, principal, Hanbury Evans Wright Vlattas + Company. "The library achieves the three key tenets of the master plan. First, it creates a pedestrian environment – a walkable village – moving cars to the perimeter and locating the library in the heart of campus. Second, it repositions the geographic center of campus and creates a new



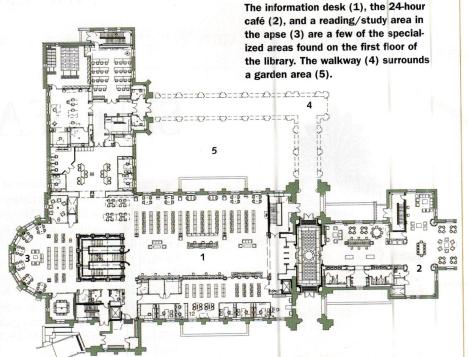
Completed in 2005, the 136,000-sq.ft., \$42-million Paul Barret, Jr., Library at Rhodes College in Memphis, TN, was built in the Collegiate Gothic style to coordinate with the trathe project. All photos: Robert Benson Photography



The south elevation shows how the 120-ft.-tall tower scales down to coordinate with the other smaller buildings on the Rhodes campus. With its position and massing, the building provides a new gateway to the campus and creates a pedestrian-friendly quadrangle.

entry. The honorific scale of the library, with the towers and architectural features, defines a new entry to the campus and creates a 'long view' terminus to an axis with a neighboring street. The tower weaves into the community as well as into the campus. Third, it creates a green quadrangle. The new library and green space knit together several buildings whose identities were previously defined by parking lots. It transforms perimeter buildings to core campus buildings, to create an academic quadrangle."

Four different locations were considered and ultimately a formerly underutilized location at the back of the campus was selected for the new library. Two dated buildings and various parking lots were removed to make way for the building. "Location is everything," says Ralph Jackson, FAIA, principal, Shepley Bulfinch Richardson & Abbott. "This creates a crossroads where the campus had been mute. Most of the area had been given over to parking."



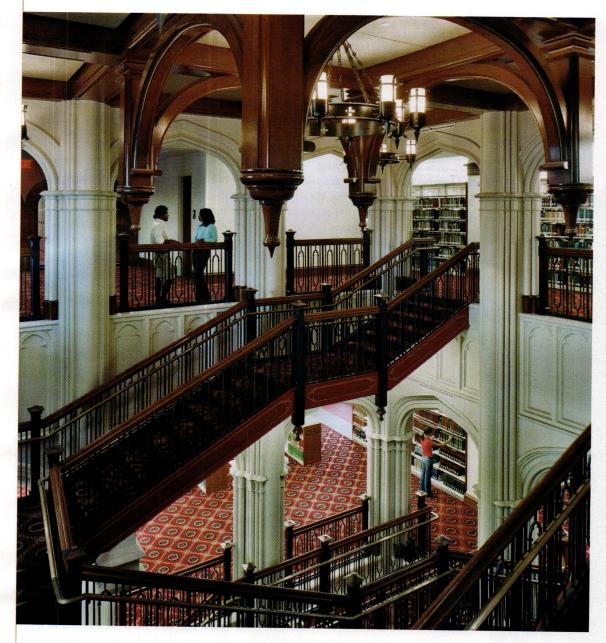
One of the challenges was placing a monumental building in the context of a Gothic village. "The library is out of scale with the buildings around it," Jackson says. "The challenge was to create a language that is true to the style and that allows one to merge the building with the buildings around it. We were building on what was at one point considered the back of the campus. With the vision that this was the new front door came the possibility of creating a building that was significantly larger in scale and more iconic. We created a large element at the center – the tower – that could terrace down and create a dialog with the buildings around it. The building is a portal of arrival that signifies that this is a new major entry to the campus."

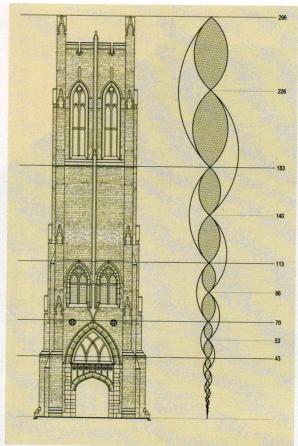
The form of the building recalls a cathedral, with an apse, cloister, carved limestone elements and two towers. It is clad in limestone and rubble – more than 21,000 cu. ft. of Indiana limestone and 2,210 tons of rubble stone were laid in a random pattern with attention to color variations. The stone work was done by W. A. Fortner Masonry of Memphis, TN, and the limestone carving was done by Christie's Cut Stone, also of Memphis. The building is topped with a slate and copper roof.

"One of the challenges was reproducing the proportions of a Gothic building," Wright says. "We included many details that are very typical of true



With columns, carved wood, custom carpeting with the Rhodes symbol woven into it and reproduction lighting, the interior of the Paul Barret, Jr., Library provides contemporary technology in a traditional setting. Most of the stonework is actually GFRG, but there is some plaster ornament. A bank of computers (left) provides access to the library's catalog and the information desk (right) is nearby.





Above: Like the existing Halliburton Tower, the tower in the new library incorporates proportions based on the Fibonacci series. Discovered by Leonardo Fibonacci, a 13th-century mathematician, the series reveals that each number is the sum of the two preceding numbers.

Left: Made of stone, steel, iron and bronze, the grand staircase leading from the main floor to the second floor was modeled after staircases found in stately British homes.

Gothic structures. For example, the slates on the roof graduate in their physical size, thickness and color from the eave to the ridge. They move from earth colors at the eave to more blue tones at the ridge line to meet the sky and accentuate the height. They start out at 2 in. thick and up to 20 in. wide at the eave and go to ¼ in. thick and 6 in. wide at the ridge. Our goal was to be innovative and to explore the Gothic principles for a new structure and to make it have meaning to this particular campus." The slate roofing was supplied by Greenstone Slate of Poultney, VT, and other roofing was supplied by South Central Contractors of Memphis, TN.

One of the defining features is the main tower, which, at 120 ft., is the second tallest tower on the campus after the 140-ft. Halliburton Tower. The proportions of both the main tower and the Halliburton Tower are based on the Fibonacci series, a series of proportions found in nature, where each number is the sum of the two preceding numbers. It was discovered by Leonardo Fibonacci, a 13th-century Italian mathematician.

Scaling down from the main tower is a second tower, which stands 65 ft. tall. In addition, the apse — with an interior balcony — and a cloister provide intimate details that relate to the smaller buildings on the campus. Great attention was paid to details both on the exterior and in the interior. Those carved into the stone exterior include the trivium and quadrivium above the east walkway, which had also been in the previous library. The trivium represents rhetoric, dialectic and grammar and the quadrivium represents astronomy, geometry, arithmetic and music. Symbols for the seven virtues — justice (scales), wisdom (open book), courage (sword), temperance (bridle), faith (cross), hope (anchor) and love (heart) — are carved over the west entrance.

The Gothic style continues in the interior with architectural elements, furniture and material finishes. Many of these were designed by Joseph Bille, senior associate and interior designer with Shepley Bulfinch Richardson & Abbott, and by Barbara Page, ASID, of Hanbury Evans Wright Vlattas + Company. "I have always had an interest in Gothic architecture," says Bille.

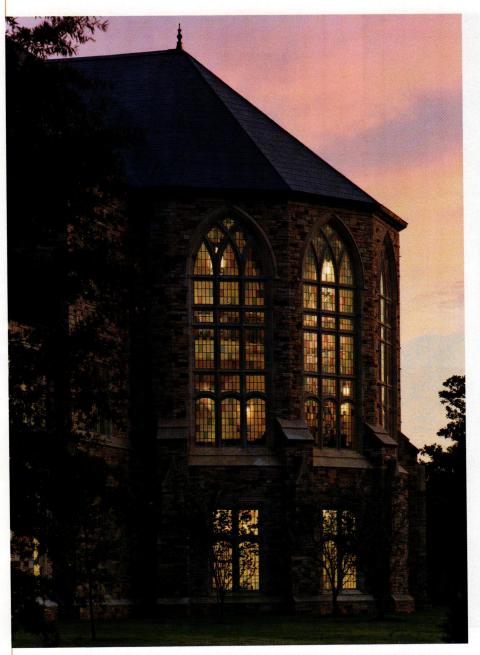
"This was a wonderful opportunity to explore that style. It's not often you get the opportunity to carry the Gothic style into the interior of a building. It was a tremendous challenge and terrific fun."

Columns, arches, coffered ceilings and carved-wood panels ornament the grand public spaces. While most of the ornament is made of lightweight GFRG instead of carved stone, plaster ornament from Chicago-based Decorators Supply was also used. Symbolic details, such as the Rhodes seal, appear throughout the building, even in the crimson and gold wool carpet that was custom woven for the library. English Gothic seating and custom chandeliers continue the style. Bille also introduced a symbolic triskelion element. "This is a very typical Gothic device, often found in cathedrals and symbolic of the Trinity," he says. "A major component of the arch spandrels, this figure continues the flow from arch to column. This was an iconographic, period and stylistically appropriate choice."

One of the most significant features is the grand staircase leading from the first to the second floor. It was inspired by staircases found in stately British homes and designed by Jackson and Bille. "Made of stone, steel, iron and bronze, it is the focal point and anchor of the interior," Bille says. "The view of the library changes as you walk through."



The entry hall opens into the café and the library, allowing the café to stay open when the library is closed. Custom lighting throughout the building was supplied by Fisher Marantz Stone of New York City.



The stained-glass windows in the north-facing apse follow a standard Rhodes pattern and are similar to those in other buildings on the campus. These and other stainedglass windows, some featuring the Rhodes symbol, were created by Barbara Raby of Laukhuff Stained Glass, of Memphis, TN.

Meanwhile, in the apse, the constellation painted on the ceiling displays the stars as they would have appeared on January 1, 1849, the first day of classes at Rhodes College (at its former location). The moon was painted by John Canning Studios of Cheshire, CT, while the stars are actually gilded cut-outs that were glued to the ceiling.

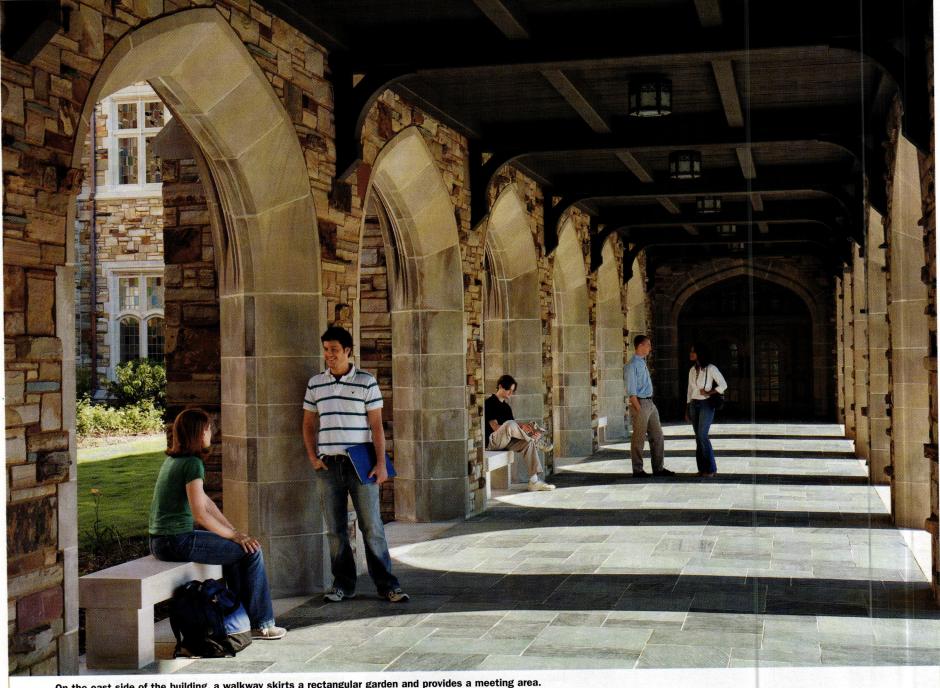
Designed not only as a repository for books, but also as a meeting place and technology center, the Paul Barret, Jr., Library includes 20 collaborative study rooms and more than 200 computers in three state-of-the-art computer labs. These labs are in areas that can be kept open after hours so students can use them late into the night when the library is closed. In addition, wireless internet access is available throughout the entire building. The café is also located in an area that can be closed off from the library so it can be open 24 hours a day.

The lower level houses the information technology staff and the library cataloging staff, as well as a media center with 12 Gothic-style listening/viewing stations. The 32-seat theater is also on this level. The main floor houses the reference and information desk in the main lobby, or nave, as it is called, and the Special Collections Reading Room. The Teaching and Learning Center is on the second floor.

Meanwhile, Barret has not forgotten about the books. Stacks are wider than they were in the previous library and are well lit. And books from other libraries - chemistry, physics, music and math/computer science - have been blended into the Barret collection. When the new library opened it had 285,000 volumes (it has the capacity for 500,000), 45,000 electronic books, 1,200 print periodicals and 90,500 microfilms.

The project has been a success from the beginning. "We have 37 buildings on campus and I've been involved in new construction of numerous buildings," says Brian E. Foshee, director of physical plant at Rhodes College. "The library was by far the best project I have worked on. The entire process, from concept through construction and occupation of the building, was very smooth. The project team produced a good design and a very usable building."

"It has re-centered the entire academic community at Rhodes," says Wright. "It's amazing for a building to have that much civic energy. It has truly become the heart and intellectual community of the college." In appreciation of her work at Rhodes, the college honored Wright in 2005 with the Algernon Sydney Sullivan Award, which is presented annually at Rhodes to two students and one non-student who have given selflessly to the college. - Martha McDonald



On the east side of the building, a walkway skirts a rectangular garden and provides a meeting area.

### Restoration & Renovation

Winner: Hartman-Cox Architects



**Project:** Donald W. Reynolds Center for American Art and Portraiture, Washington, DC

Architects: Hartman-Cox Architects, Washington, DC; Warren Cox, partner in charge; Mary Kay Lanzillotta, project architect

Contractors: Hensel Phelps Construction Co., Greeley, CO; Grunley-Walsh, Rockville, MD; James G. Davis Construction, Rockville, MD; William V. Walsh Construction, Rockville, MD

Construction Management Consultant: Bovis Lend Lease, Washington, DC

### Patent Renewed

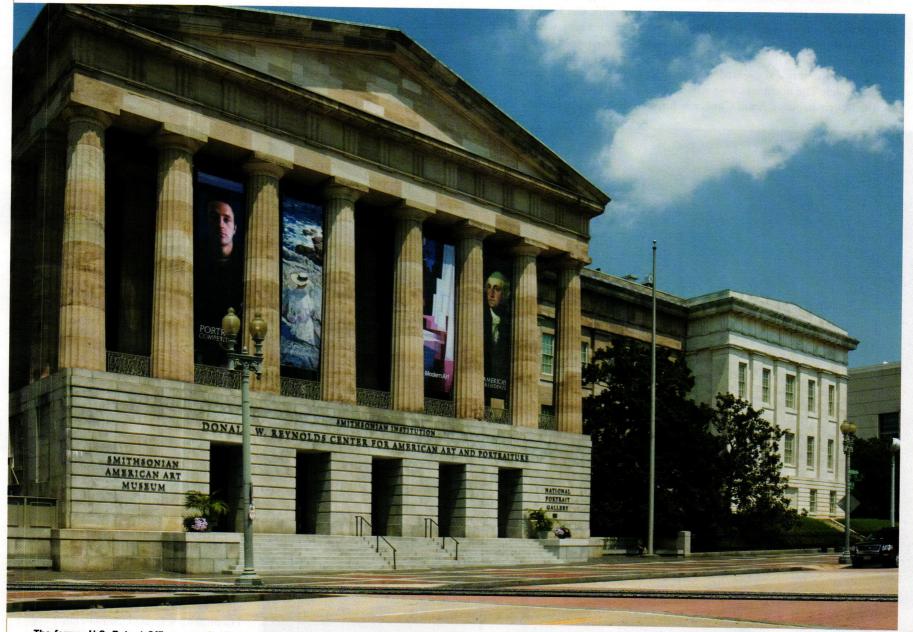
t has been called "that noblest of Washington buildings" (Walt Whitman, 1863) and "an expression of America's creative genius and technical superiority" (historian Charles J. Robertson, 2006). The 1830s temple at 8th and F Streets NW in Washington, DC, has gone through phases as the U.S. Patent Office, a "museum of curiosities," the headquarters of the Department of the Interior and Civil Service Commission and, for a few years, as a Civil War hospital. Today, as the Donald W. Reynolds Center for American Art and Portraiture, it is the city's finest Neoclassical museum. Its recently completed restoration and renovation, led by Washington, DC-based Hartman-Cox Architects, has set a new national standard for resourceful preservation – no small feat in a two-block-square building that has been shaped by half-a-dozen architecture firms over the past 170 years.

"It was a Rubik's Cube of different architects' work, and we had to come up with different approaches for each section," says Mary Kay Lanzillotta, the project architect for the \$300-million, 13-year overhaul of the Reynolds Center. "Nothing here is plumb, true, level, square or the same. Every time we opened a chimney or a wall, we didn't find what we'd expected or wanted, dictating a new creative response at each turn." Partner Warren Cox adds, "It was both a privilege and somewhat intimidating to be entrusted with a building as historically important and of the quality of the Old Patent Office Building. As the work of some of our greatest architects, and one of the most important Greek Revival buildings in America, it was an architectural education in itself."

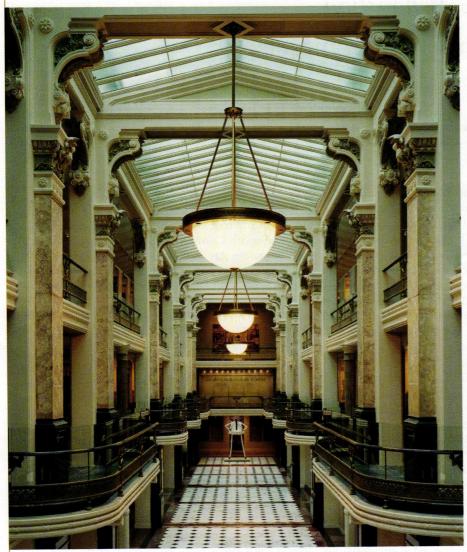
The quirks and surprises throughout the 382,000-sq.ft. expanse are partly due to its warring original designers and patrons. In the early 1800s, the Patent Office required inventors to submit prototypes, each measuring less than a cubic foot. The collection quickly outgrew the office's original home, a 1790s former hotel. That brick Federal structure burned in 1836 and took many of the models and records with it. Congress anxiously held a competition for a fireproof replacement office at an F and G Street site, where master planner Pierre Charles L'Enfant had envisioned either a cathedral or a "heroes' pantheon."

William Parker Elliot (1807–1854), an obscure patent clerk turned architect, won the contest with a temple-like proposal, mostly designed by his better-known bosses, Ithiel Town and Alexander Jackson Davis. To flesh out their basic elevations, President Andrew Jackson appointed the country's first native-born architect, Robert Mills (1781–1855). He ended up "a hero and a martyr of the Patent Office Building," writes Charles J. Robertson in a new history of the structure, *Temple of Invention* (Smithsonian/Scala, 2006).

Elliot, though he never completed a building in his career, felt slighted by Jackson's choice and spent years stirring up trouble for Mills among politicians and journalists. Mills was accused of under-reinforcing walls and arches and overpaying contractors, not to mention having bad taste: Elliot ranted in one newspaper about Mills' "bare and naked factory-like walls." Congress let Mills finish half the construction, then turned the job over to Thomas U. Walter, a less visionary but quite competent architect – who also went on to complete Mills' Treasury Building and Post Office in Washington, DC.



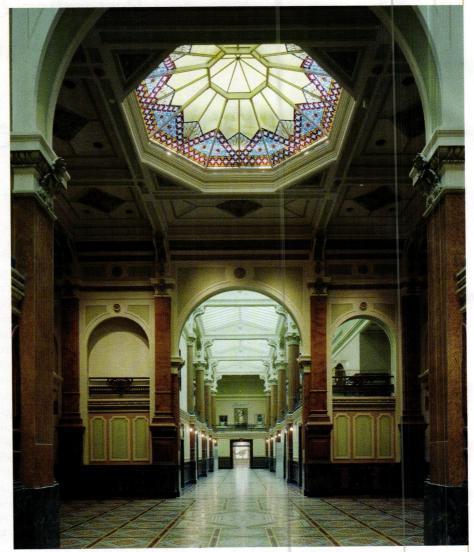
The former U.S. Patent Office, now the Smithsonian's Donald W. Reynolds Center for American Art and Portraiture, was built in phases between the 1830s and 1860s to designs by Robert Mills and Thomas U. Walter. Earlier sections in ruddy Aquia sandstone (left) speak the same Classical language as the later white-marble wings. All photos: Bryan Becker



After an 1877 fire, German-born architect Adolf Cluss rebuilt gallery sections with riotous Victorian ornament that foreshadowed Art Nouveau.

Despite such controversies, the resulting building envelope was somehow harmonious. The early sections, in ruddy Aquia sandstone (from a government-owned quarry in Virginia), blend with later white-marble wings. On each elevation, end pavilions (with or without pediments) flank Doric porticoes – either octastyle or hexastyle, with or without staircases.

The interior, however, gradually turned into "a variegated treat," according to a recent *Washington Post* review of the Reynolds Center. Mills had favored lightly ornamented piers and columns and groin vaults, while Walter preferred shallow barrel vaults, and both men specified pale stone. They tucked workshops on the ground floor and placed offices on the piano nobile, filling the top story's skylighted double-height galleries with vitrines for patent models. The north and west wings' upper floors burned in 1877, and a German-born architect, Adolf Cluss, was hired to design replacements. Cluss



A star-pattern skylight trimmed in basket-weave red panes crowns an 1870s marblepilastered foyer.

also persuaded Congress to fund renovations in the south wing's upper floors. He let rip with textures and colors: leafy cast-iron brackets, bas reliefs of goddesses and inventors, stained glass, scagliola pilasters and encaustic floor tiles.

Large parts of the visions of Mills, Walter and Cluss vanished in the early-20th century as government departments carved out ever smaller offices. Robertson reports that dropped ceilings with fluorescent fixtures concealed skylights, "elevators were punched through masonry vaults, and ductwork was run through stairways." The interiors were uniformly coated in linoleum and green paint. By the 1950s, the disfigured building was slated to make way for a parking lot. President Eisenhower instead turned it over to the Smithsonian, which allotted a third of the space to the National Portrait Gallery and the rest to the American Art Museum. The architects responsible for the 1960s adaptive reuse, notes Lanzillotta, protected much of the historic fabric. But she

still faced numerous urgent problems (including bursting pipes) and chronic conditions (such as wornout, inflexible HVAC) when the project began 13 years ago.

Once the two-acre copper roof was repaired, with replicated gable or disk skylights, contractors steam-cleaned and repaired the stone skin. In place of rotting 1960s pine sash on the building's 588 windows, the crews installed mahogany TDLs with low-e, UV-filtered inner panes and an outer layer of mouth-blown glass from Poland. "The ripples outside keep the building from having that dead, mirrored look," Lanzillotta explains. The galleries likewise don't look over-restored. In the mile-long trail of enfilade rooms, some gouged stonework and patches of unrestored marbleizing and stenciling remain exposed, and one window frame is still graffitied: a soldier carved his initials, C.H.F., in 1864.

"Museums tend to expect a brand-new immaculate space, but we wanted to let the history read through here," explains Joy Louise Jordan, design manager for the Smithsonian. To reinforce the message of time's visible passage, Hartman-Cox fronted the museums' communal conservation center in glass. Conservators labor over artworks and artifacts in plain sight,



Cast-iron piers on a marble gallery floor support a mezzanine with cast-iron fluted columns.



Left: The National Portrait Gallery occupies the piano nobile's groin-vaulted galleries with stocky Doric columns.

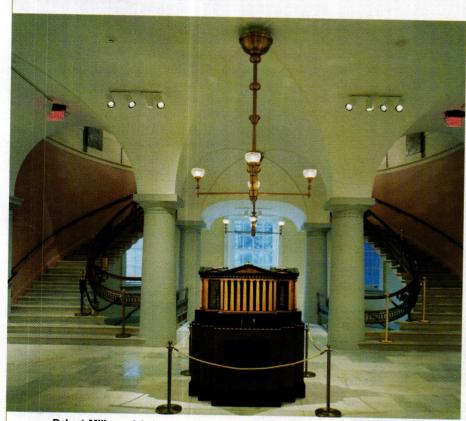
Below: The Luce Foundation funded the mezzanine's publicly accessible vitrines full of thousands of American artworks and artifacts.

and occasionally come out to explain what they're microscopically analyzing or bathing in solvents. "Visitors sometimes stand there watching in awe," Jordan reports. A few yards from the labs, the Luce Foundation funded publicly accessible vitrines and pneumatic drawers for thousands of pieces of American art and furniture. The drawers whoosh open at the push of a button, revealing the likes of cameo portraits or medals. "For kids and for adults, it's like opening a present each time," Jordan says.

Amid all the transparency, Hartman-Cox invisibly inserted mechanical equipment. At either side of Mills' generous arches are *poches*, useful crannies for ducts, pipes and conduit. Bathrooms originally stationed at far ends of hallways are now clustered near central elevators, and mechanical equipment occupies the former bathrooms. A pair of John La Farge stained-glass windows in peacock patterns is displayed against what appears to be a natural light source; the beams are actually incandescent, and a data closet lurks behind the windows.

Although Hartman-Cox kept the many original architects' work in the limelight, Lanzillotta's teams did leave their own tiny stamps on the building. On some replacement stained-glass panes in Cluss' wings, Lanzillotta says, "we etched the dates of the work under the cames between panes. We wanted to help the next generation understand all that we've done, rethinking every inch of this place. It's been a rare honor and a privilege to work on the building, and it's been exciting to bring in the public to see the results of all our careful decision-making, all our sleepless nights over the years. Everyone who worked on this project embraced it. They talk about how they'll bring their grandchildren here." – Eve M. Kahn





Robert Mills modeled a cantilevered double staircase's columns after precedents on the Temple of Apollo at Delos.



On the museum complex's 588 windows, scrims, low-e glass, and UV filters protect artwork and objects.

### Adaptive Reuse

Winner: Commonwealth Architects



**Project:** 1840 West Broad Street, Richmond, VA

Architect: Commonwealth Architects, Richmond, VA; Robert S. Mills, AlA, principal; Kenneth W. Pope, AlA, NCARB, project architect; Kitisak Ashley, architectural designer; Bryan Clark Green, PhD, architectural historian

**General Contractor:** Trent Construction, LLC, Richmond, VA

### In Character

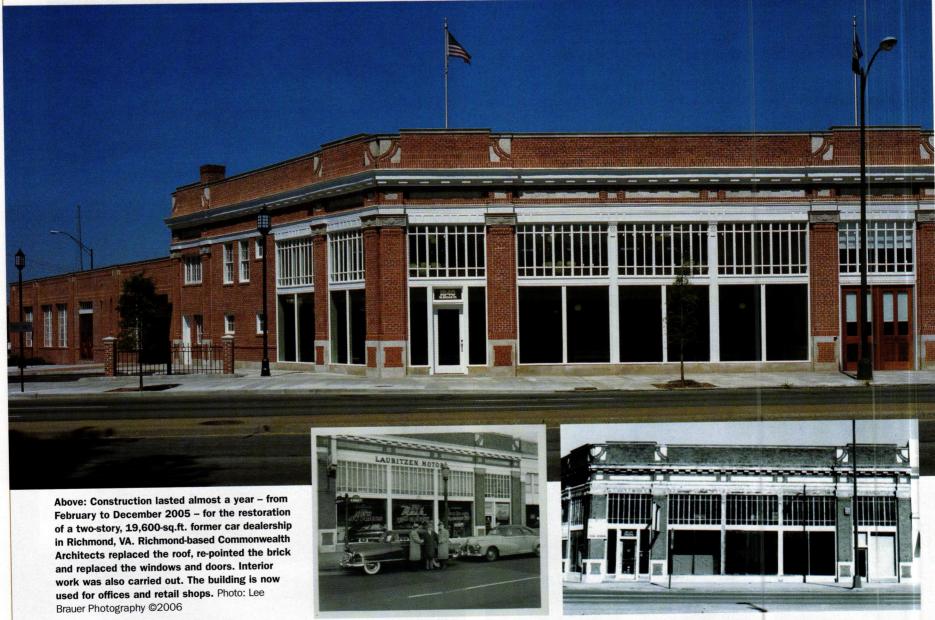
uality is remembered long after price is forgotten." So read a sign on the showroom floor of the Atlantic Motor Company car dealership at 1840 West Broad Street in Richmond, VA, before the building was vacated in the mid 1980s. This motto, once descriptive of the dealership's automobiles, may be applied to the rehabilitation of the building as well. In 2004, Richmond-based Commonwealth Architects set out to transform the dilapidated two-story former dealership into retail and office space.

The 19,600-sq.ft. trapezoid-shaped building – designed by Richmond-based architect Albert F. Huntt with Bascomb J. Rowlett and constructed in 1919 – suited the needs of the automobile sales and repair industry along this urban corridor. Its two stories were occupied by a main showroom on the south side and garage areas and shops on the west side. An alley behind the north façade provided access to a few service entrances and garage bays. Though its function changed over the years, from various automobile dealerships to appliance-sales, dry-cleaning and t-shirt graphics companies, the historic fabric of the building remained untouched. When Commonwealth Architects commenced work on the project, 1840 West Broad Street was severely run down but showed signs of having good architectural bones.

To adapt the space to retail and office uses, Commonwealth Architects designed a rehabilitation plan for both the exterior and the interior as well as extensive site upgrades. The first order of business was the addition of a parking lot to create a usable site. From the City of Richmond, Commonwealth Architects, along with the civil engineer and landscape architect, co-opted an adjacent piece of land – a trapezoid-shaped traffic island to the west of the building that for the first half of the 20th century was occupied by a building owned by The C.F. Sauer Company (also the owner of 1840 West Broad Street). That building was demolished by the city in the 1960s and the land was left unoccupied for many years.

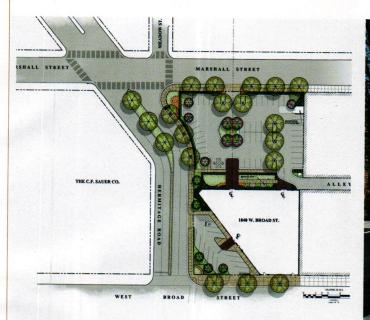
"This was one of many instances during the project in which we turned impediments into advantages," says Ken Pope, AIA, project architect for Commonwealth Architects. "In this case, the road alignment had created a confusing traffic situation and greatly reduced the parking in the area." The intersecting street was closed and the land was captured for parking. "It was a win-win situation," says Pope. "The city wanted to improve the streetscaping and we wanted to provide a parking lot and improve access to the main entrance."

Now a parking lot, the once deserted traffic island is no longer a blight on the neighborhood. Richmond-based Higgins & Gerstenmaier Landscape Architects designed the site elements, which include metal fencing and bollards, brick paving, a wood trellis and new shrubbery and trees. Historically styled, post-mounted lanterns, designed and fabricated by Sternberg Lighting of Roselle, IL, were also installed.

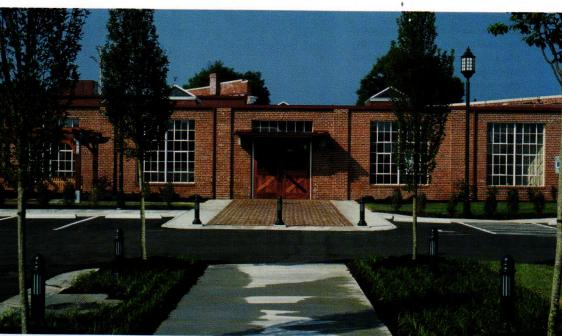


Left inset: Originally designed in 1919 by Richmond-based architect Albert F. Huntt with Bascomb J. Rowlett, the building housed the Atlantic Motor Company and other car dealerships and various businesses until the mid 1980s. The highlights of the showroom are its terra-cotta floor tile and mezzanine. Photo: courtesy of Commonwealth Architects

Right inset: During the building's vacancy, it fell into disrepair. However, the historic fabric of the building was never touched. Photo: courtesy of Commonwealth Architects



1840 West Broad Street is located on a trapezoidal corner site, but one that didn't provide much parking. The city gave the building's owner an adjacent traffic island that was converted into a parking lot and the intersecting street was closed to traffic. Site plan: Higgins & Gerstenmaier Landscape Architects



Richmond-based Higgins & Gerstenmaier Landscape Architects designed the landscaping, which includes metal fencing and bollards, brick paving, a wood trellis and new shrubbery and trees. Historically styled, post-mounted lanterns, designed and fabricated by Sternberg Lighting of Roselle, IL, were also installed. Photo: Lee Brauer Photography ©2006

Like many of Commonwealth Architects' projects, the rehabilitation utilized both federal and state historic investment tax credits to aid in financing, which made the project more economically viable. This mandated that the firm comply with the Secretary of the Interior's Standards for Rehabilitation. "Contrary to what many people think, we didn't feel tied down or held back by the standards," says Bryan Clark Green, PhD, architectural historian with Commonwealth Architects. "Too often, people see them as a disincentive, but we view them as just the opposite. The standards promote private investment, especially in historic urban areas, which is great. They encourage consistency in our work, as well as high standards and the pursuit of long-term solutions."

Commonwealth Architects follows these principles with all projects. "The goal at all times," says Green, "is to return the historic character of the building using the gentlest means possible." To do so, he elaborates, the firm "works to retain as much historic building material as possible and make any new interventions compatible, yet distinct from the historic fabric."

Exterior work was extensive, but did not compromise the historic integrity of the building. The original brick façade was re-pointed, where necessary, with traditional lime-based mortar. For repairs around the windows and doors, the contractor salvaged bricks from a retaining wall at the rear of 1840 West Broad Street. "The brick was a perfect match," says Green. "It turns out that the wall of that small structure was probably salvaged from the Sauer headquarters once located on the side of the traffic island, which was built at the same time as the building we were rehabilitating."

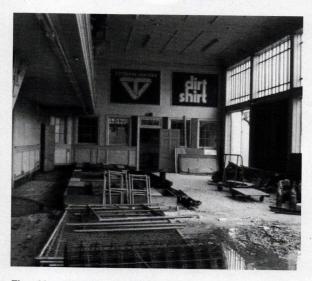
Armed with original building plans and some historic images, Commonwealth Architects restored the windows, few of which were original. "The large storefront windows had been replaced over time with inappropriate aluminum-framed panes that were narrower than the originals," says Pope. "For the windows on the south façade, we specified insulated glass in the original size." The true-divided-lite windows above the storefronts were replaced and the wood frames were rehabilitated and re-glazed using original glass, some of which had survived. On the west elevation, the steel window frames were cleaned and rehabilitated in place and re-glazed with clear glass. "They were originally glazed with textured, industrial glass, but we used clear glass to promote visibility," Pope explains. All of the windows were retrofitted with internal storm windows from the Richmond-based Thermo-Press Corporation in order to improve energy efficiency without sacrificing the look of the windows from the exterior.

Other glazing at 1840 West Broad Street included new skylights. "We specified gable-end glass skylights that are similar to the historic ones shown in the original building plans," says Pope. They allow light to penetrate the new office spaces planned in the former storage areas. Before the skylights were installed, however, the badly damaged asphalt roof was removed and replaced with a 3-ply built-up roof including a modified granular cap-sheet roof.

Few of the historic exterior entrances remained and the only original exterior garage door was found to be rotten. The remainder of the historic automobile entrances had been replaced with overhead coiling metal doors

that were insensitive to the character of the structure. While the historic door was not salvageable, Commonwealth Architects used it as a model to replicate new doors. "We wanted to design new garage doors in the style of the historic one and those recorded in the drawings — barn-type, double-leaf sliding doors," says Green. "However, for tax-credit purposes, they needed to be recognizable as newly introduced architectural elements, so we created hinged instead of sliding doors and used mahogany instead of white





The old automobile showroom (above) had suffered water damage caused by leaks in the roof, necessitating the replication and reinstallation of plasterwork. New steel beams were added to the renovated space (left) and the ductwork was moved to the attic. The terra-cotta floor only required wet-mopping to return it to its original sheen.

Before photo: courtesy of Commonwealth Architects; after photo: Lee Brauer Photography ©2006

On the mezzanine level,
Commonwealth Architects mounted
tempered glass in extruded-aluminum
brackets atop the restored original
balustrade. This meets building
code while simultaneously retaining the historic character of the
building by being unobtrusive.
Before photo: courtesy of Commonwealth Architects; after photo: Lee
Brauer Photography ©2006

pine." Steel canopies were designed for entrances on the west and north.

Just as the garage doors serve as a reminder of the building's past use, so does the showroom. The former showroom is a two-story space with a mezzanine as its defining feature. The room's plaster walls, columns and cove ceiling were repaired and rehabilitated. "The existing ceiling was badly damaged by water and had collapsed," says Green. "We also needed to repair or replace the joists to ensure the structural integrity of the building." No restoration work was needed for the unique terra-cotta floor tile; a wetmop did the trick.

Part of the effort to return the showroom to its original appearance was to re-create the decorative-plaster ceiling panels. These rectangular and trapezoidal profiles were documented before removal of the damaged ceiling and rebuilt after the new ceiling was installed. Lighting in the showroom, provided by Richmond-based Reynolds Lighting Supply, was designed to fit the style of the building. "We didn't have any documentation that told us what the original lighting looked like," says Green, "and the lighting that was there in 2004 was pretty bland fluorescent strip fixtures."

The mezzanine level, accessed from the showroom by two parallel staircases, features a restored balustrade with turned posts. The existing railing did not meet building code and needed to be raised 11 in. for safety reasons. Commonwealth Architects' unique solution was to mount tempered glass in simple extruded-aluminum brackets atop the balustrade. "We started out with a steel pipe rail," says Pope, "but no one was thrilled with the aesthetic so we went back to the drawing board. This solution doesn't visually detract from the historic character of the space. One can only see the addition when close up."

One of the staircases from the showroom provides access to the old repair department behind the north wall of the showroom. Because the space was never well lit, Commonwealth Architects planned it for functional purposes, such as bathrooms and meeting rooms, which are shared between the south and north tenants. Between the old repair and storage



Dividing the north and south offices is a terra-cotta wall that was stripped of white-washing and restored to its original color scheme. The metal door is another historic relic but is now fixed in place. Photo: Lee Brauer Photography ©2006



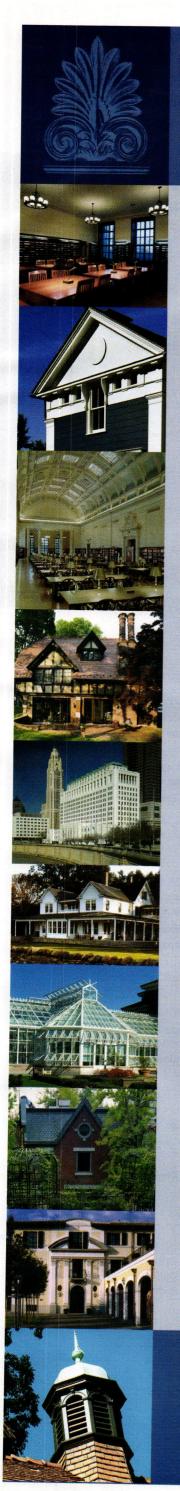


rooms is a dividing wall with old metal sliding doors that are wide enough for cars. The walls and ceiling beams had been whitewashed, but Commonwealth Architects uncovered colorful terra-cotta walls and wood beams. "The whitewash was easy to remove," says Green, "but we had to be careful in restoring the terra cotta, because there were a lot of holes to fill."

Old automobile storage rooms were adapted as offices for the new tenants, which include the general contractor on the project, Trent Construction, LLC, and an architecture firm, BCWH Architects. "The floor remains mostly open, with only 6-ft. partitions where needed," says Green. "The dividers are not tied to historic walls and are easily reversible at a later date." For conference and storage areas, full-height partitions were constructed, but they consist of glass transoms above 8 ft. to retain the character of the historic space.

Though it is no longer an automobile dealership, 1840 West Broad Street's style was preserved in the rehabilitation. It took a creative architecture firm, fine craftspeople and a very committed and forward-thinking client. The building's owner has been headquartered across the street from 1840 West Broad Street since 1911. It owns many other modest buildings and traditional houses in the neighborhood and has a substantial investment in the community. "We were very fortunate to work with Sauer Properties," says Green. "The Secretary's standards keep everyone in check, but our client was already thinking long-term." Pope adds, "A lot of the credit goes to Brad Sauer. At every fork in the road, he pushed for the right solution and not the cheapest and fastest one."

The rehabilitation of 1840 West Broad Street was completed in less than one year for \$3.6 million. It is now listed on the Virginia Landmarks register and the National Register of Historic Places. Commonwealth Architects believes that modest buildings like 1840 West Broad Street are the backbone of American communities and is currently designing another one with Sauer Properties, also an historic investment tax-credit project – an old factory a few blocks from the old car dealership. – *Hadiya Strasberg* 



# Call for Entries 2008 PALLADIO AWARDS

Honoring excellence in traditional commercial & civic design

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

### Categories

Restoration & Renovation

Adaptive Reuse &/or Sympathetic Addition

New Design & Construction — less than 30,000 sq.ft.

New Design & Construction — more than 30,000 sq.ft.

Public Spaces: Parks, Plazas, Gardens, Streetscapes

Corresponding awards, sponsored by *Period Homes* magazine, will also be made for residential 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 annual 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 June 2008 issue of *Traditional Building*. 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 15, 2007.

For complete details on the awards program go to

www.palladioawards.com

# SourceLists Custom Services & Technology

Historical Products Showcase	
Custom Artwork, Art Glass & Furnishings	39
Custom Columns & Capitals	45
Custom Conservatories & Outbuildings	56
Custom Doors, Windows, Shutters & Hardware	62
Custom Exterior Elements, Ornament & Finishes	86
Custom Flooring	92
Custom Interior Elements, Ornament & Finishes	97
Custom Landscape, Main Street & Garden Specialties	107
Custom Lighting & Electrical	119
Custom Mantels, Fireplaces & Chimneys	132
Custom Metalwork	138
Custom Plumbing, Bath & Heating	154
Custom Roofing & Roof Specialties	155
Custom Stone, Brick & Masonry	168
Masonry Restoration & Cleaning	172
Moldmaking & Casting Materials	178
Custom Timber Framing & Barns	182
Tools & Equipment	186
Custom Woodwork	187



# **Advertiser Index**

This index lists the page number for the company's ad as well as the reader service number. 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.traditional-building.com and clicking on "Free Product Literature." You may order product literature for an entire SourceList by using the reader service number at its heading.

Historical Products Showcase
Reader service number
1774. Architectural Salvage, W.D., Inc
<b>1874.</b> Eron Johnson Architectural Antiques
<b>183.</b> Fishman Mosaics
9928 Custom Artwork, Art Glass & Furnishings
<b>2705.</b> Art Casting of Illinois
8040. Conrad Schmitt Studios, Inc
<b>2668.</b> Judson Studios
<b>1163.</b> MFA Design Group43
<b>1672.</b> No 9 Studio UK
<b>7930.</b> Reflection Studios
6240. Rohlf's Stained & Leaded Glass Studio 43
6110. Rossato Giovanni/Vicenza Stone Sculpture44
<b>371.</b> StoneSculpt
2674. Willet Hauser Architectural Glass
9929 Custom Columns & Capitals
* A&M Victorian Decorations, Inc
4100. Architectural Columns & Balustrades by
Melton Classics50
<b>6400.</b> Architectural Fiberglass Corp50
<b>1414.</b> Architectural Reproductions by Timeless55
<b>1555.</b> AristoneDesigns, Inc
* Boston Turning Works51, 55
1580. Chadsworth's 1.800.Columns -
Polystone
180. Chadsworth's 1.800.Columns -
Wood
8210. Fagan Design & Fabrication, Inc50
806. Goodwin Associates
<b>4020.</b> Haddonstone (USA), Ltd
<b>50.</b> Mohamad Woodturning Corp
87. New York Fine Woodturning
<b>88.</b> Pacific Columns
<b>7070.</b> Pagliacco Turning & Milling53

9930 Custom Conservatories & Outbuildings
Reader service number
1254. Classy Glass Structures
<b>1870.</b> Glass House, LLC
<b>6860.</b> Oak Leaf Conservatories of York57
* Private Garden Greenhouse Systems59
378. Renaissance Conservatories60
<b>8270.</b> Tanglewood Conservatories
<b>3510.</b> Under Glass Mfg. Corp
<b>7100.</b> Vixen Hill Cedar Products
9931 Custom Doors, Windows, Shutters & Hardware
<b>1690.</b> Acorn Forged Iron
<b>690.</b> Allied Window, Inc
* Architectural Components
<b>1670.</b> Architectural Resource Center
<b>1761.</b> Authentic Joinery & Millwork, LLC
<b>2930.</b> Ball & Ball Hardware
<b>2390.</b> Cityproof Windows
<b>6980.</b> Craftsmen Hardware Co
<b>432.</b> Crown City Hardware Co
<b>1900.</b> Custom Shutter Company85
<b>1083.</b> Custom Trades International, Inc
<b>3043.</b> Custom Window Co
<b>2260.</b> E.R. Butler & Co
<b>2540.</b> European Hardware & Finishes/Gerber Hinge .74
<b>1010.</b> Fagan's Forge83
<b>1548.</b> Fenestra America
<b>2520.</b> Gaby's Shoppe
<b>1910.</b> Grabill Windows & Doors
<b>1166.</b> Guerin, P.E
6640. Hahn's Woodworking Co., Inc72
<b>3570.</b> Historic Doors
1096. House of Antique Hardware80
909. Innerglass Window Systems72
<b>1240.</b> James Peters & Son, Inc
<b>1696.</b> Jim Illingworth Millwork, LLC79
* Kayne and Son Custom Hardware Inc72

Reader service number
<b>7990.</b> Kestrel Shutters
<b>196.</b> Kingsland Co. Shutters
<b>7600.</b> Maguire Iron Corp72
<b>634.</b> Maine Glass
1885. Martin Pierce Hardware, Inc83
<b>1263.</b> Marvin Windows & Doors71, 74
<b>5110.</b> Old Smithy Shop
<b>3003.</b> Parrett Windows
<b>6001.</b> Phelps Company
<b>744.</b> Re-View
<b>1579.</b> Richards-Wilcox Door Hardware80
1480. Rohlf's Stained Glass Studio43
<b>1625.</b> Scottsdale Art Factory
<b>3590.</b> Seekircher Steel Window Repair Corp 72
856. Sharp Lumber Company80
<b>1321.</b> Shuttercraft78
<b>1376.</b> Signature Hardware/Clawfoot Supply 76
<b>115.</b> The Golden Lion
* The Nanz Company
<b>6830.</b> The Shutter Depot
<b>1056.</b> Timberlane Woodcrafters, Inc
8330. Torrance Steel Window Co
<b>1101.</b> Victoriana East
<b>1230.</b> Vixen Hill Shutters78
<b>1864.</b> Von Morris Corp
<b>1316.</b> Weston Millwork Co
<b>9640.</b> Wood Window Workshop
9933 Custom Exterior Elements, Ornament
& Finishes
<b>1428.</b> AZEK Trimboards
<b>6130.</b> Architectural Reproductions
<b>5470.</b> Color People, The
<b>703.</b> Manor Style, Ltd
4620. Seal Reinforced Fiberglass89
<b>1499.</b> Vixen Hill - Porch Systems
1433. Vixen Time Forch Systems TTTTTT
and a last Flandard
9934 Custom Flooring
1457. Antique Lumber
<b>8163.</b> Authentic Provence, Inc
<b>521.</b> Bear Creek Lumber
<b>5580.</b> Carlisle Wide Plank Floors
* Chestnut Specialists
1277. Foster Wood Products
<b>1330.</b> Goodwin Heart Pine99

Reader service number	Reader service number	Reader service number
<b>1120.</b> Lignomat USA, Ltd	1759. Concealite Safety Products	<b>7310.</b> Fiberglass Specialties, Inc
<b>272.</b> Longleaf Lumber, LLC94	* Coppersmythe, Josiah R	<b>1636.</b> GAF Materials Corp Camelot
<b>1379.</b> Old Barn Wood Co	<b>313.</b> Crenshaw Lighting	
<b>1629.</b> Peacock Pavers	<b>2545.</b> Customlightstyles.com	<b>9270.</b> GAF Materials Corp Country Estates 161
<b>1384.</b> Sutherland Welles Ltd		<b>1535.</b> GAF Materials Corp Country Mansion 161
<b>1476.</b> What It's Worth	<b>2767.</b> Dahlhaus Lighting, Inc	<b>1534.</b> GAF Materials Corp Grand Slate
21101 What it's Worth	<b>809.</b> Deep Landing Workshop	<b>2222.</b> GAF Materials Corp Slateline161
	<b>1195.</b> Distinguished Home Lighting, Ltd	<b>1705</b> . Gladding, McBean
9935 Custom Interior Elements, Ornament	<b>2833.</b> Federalist, The	<b>3770.</b> Greenstone Slate
& Finishes	<b>9130.</b> Herwig Lighting	<b>2470.</b> Heather & Little, Ltd
<b>1537.</b> Above View By Tiles, Inc	<b>8730.</b> Lake Shore Industries, Inc	
<b>8032.</b> American Restoration Tile, Inc	<b>1239.</b> Lantern Masters	1719. Jack Arnold - European Copper
<b>1088.</b> Architectural Products By Outwater, LLC 5	<b>5090.</b> Lighting by Hammerworks	<b>25.</b> Major Industries, Inc
		<b>9520.</b> Michigan Ornamental Metals
<b>1011.</b> Art Tile	<b>3111.</b> Lucid Lighting	<b>8300.</b> NIKO Contracting
<b>3159.</b> Balmer Architectural Mouldings	<b>5870.</b> Mica Lamp Co	<b>1264.</b> New Concept Louvers
<b>5100.</b> Canning Studios	<b>7630.</b> Rejuvenation	<b>3067.</b> Nicholson & Galloway
<b>1698.</b> Century Architectural Specialties99	<b>792.</b> Remains Antique Lighting	<b>370.</b> Nixalite of America, Inc
190. Chelsea Decorative Metal Co	<b>4170.</b> Richard D. Scofield Historic Lighting 131	957. Park City Rain Gutter
<b>2400.</b> Classic Ceilings99	7730. Schiff Architectural Detail	
<b>769.</b> Classic Terra Cotta Co	<b>6190.</b> St. Louis Antique Lighting Co	<b>3890.</b> Petersen Aluminum Corp
		<b>1803.</b> Reclaimed Roofs, Inc
210. Decorators Supply Corp	<b>6740.</b> Sternberg Lighting	<b>1353.</b> Seal Reinforced Fiberglass89
<b>1808.</b> Dutch Delft Tiles by Oudolf Jr	<b>483.</b> Steven Handelman Studios	<b>1015.</b> Sno-Gem, Inc
<b>2950.</b> Entol Industries, Inc	<b>1612.</b> World Class Lighting	<b>2840.</b> Vande Hey Raleigh Mfg
2460. EverGreene Painting Studios –		<b>7212.</b> Vulcan Supply
Decorative Painting	9938 Custom Mantels, Fireplaces & Chimneys	
2678. EverGreene Painting Studios - Plasterwork 106		<b>520.</b> W.F. Norman Corp
<b>1892.</b> Extrutech Plastics, Inc	<b>6490.</b> Architectural Paneling, Inc	
	* Good Time Stove Co	9943 Custom Stone, Brick & Masonry
<b>4900.</b> Flex Moulding, Inc		<b>222.</b> Belden Brick Co
<b>1731.</b> Foster Reeve & Associates Inc	9939 Custom Metalwork	
<b>1765.</b> John Tiedemann, Inc		<b>4270.</b> Champlain Stone, Ltd
<b>810.</b> Leo Uhlfelder Co	<b>2636.</b> Al Bar-Wilmette Platers	<b>6010.</b> Gladding, McBean
4710. Lynne Rutter Murals & Decorative Painting105	<b>1005.</b> Allen Architectural Metals, Inc	<b>3130.</b> Old Carolina Brick
	9820. Architectural Grille	<b>392.</b> Rossi USA Corp
<b>1601.</b> Modello Designs	<b>1679.</b> B&B Sheetmetal	963. Southern Group Enterprise - Unique Mantel Co169
<b>861.</b> NIKO Contracting - Ceilings	<b>1270.</b> Bill's Custom Metal Fabrications153	<b>2902.</b> Traditional Cut Stone, Ltd
<b>570.</b> Native Tile & Ceramics99	<b>1490.</b> CopperCraft, Inc	=====
<b>208.</b> Peck Studios		
<b>1589.</b> Ruth Frances Greenberg	<b>495.</b> D.J.A. Imports, Ltd	9944 Masonry Restoration & Cleaning
<b>2880.</b> Sepp Leaf Products, Inc	<b>1023.</b> DeAngelis Iron Work, Inc	<b>406.</b> ArmaKleen Co
<b>9201.</b> Steptoe & Wife Antiques Ltd	<b>1875.</b> F2 Industries	<b>160.</b> Boston Valley Terra Cotta
ozoz. Steptoe & Wile Antiques Ltd	<b>2640.</b> Fine Architectural Metalsmiths	<b>1785.</b> Franmar Chemical, Inc
	<b>4780.</b> Goddard Mfg. Co	1861 Postores //wisk //
9936 Custom Landscape, Main Street &	<b>1210.</b> Historical Arts & Casting, Inc	<b>1861.</b> Restorco/Kwick Kleen
Garden Specialties	1812 Jansen Ornamental Supply	<b>218.</b> Watertrol
<b>983.</b> Aqua Control, Inc	<b>1812.</b> Jansen Ornamental Supply	<b>504.</b> Weathercap, Inc
20 Architectural Potters	<b>4840.</b> John F. Graney Metal Design, LLC152	
20. Architectural Pottery	1335. Kees, Inc., Architectural Div	9945 Moldmaking & Coating Mataria
<b>1274.</b> Balquist Carving Studio	<b>418.</b> King Architectural Metals	9945 Moldmaking & Casting Materials
<b>5830.</b> Bamboo & Rattan Works	<b>8440.</b> Liberty Brass Turning Co	<b>1300.</b> Abatron, Inc
<b>31.</b> Cantera Especial	<b>5340.</b> Liberty Ornamental Products	<b>7260.</b> Ball Consulting
1750. Canterbury International	1897 Mactar's Matalwark	169. Lehigh Cement Company, White Cement Div. 181
<b>3105.</b> Columbia Equipment Co., Inc	<b>1897.</b> Master's Metalwork	<b>1446.</b> Polymer Tooling Systems Inc
527 Custom Homo Accessories Inc.	229. Mueller Ornamental Iron Works, Inc144	, and a system with
<b>527.</b> Custom Home Accessories, Inc	<b>1894.</b> O.K. Foundry	0040 0
2090. Doty & Sons Concrete Products	8039. Oakley Steel Products	9946 Custom Timber Framing & Barns
<b>2100.</b> Elderhorst Bells, Inc	<b>5025.</b> Ornametals, LLC	<b>440.</b> Barn People, The
<b>1901.</b> Evelyn Tully Costa LLC	<b>5810.</b> Reggio Register Co., The	<b>2744.</b> Carlson's Barnwood Co
<b>531.</b> FAAC International, Inc.	3240 Robinson Iron Corn	<b>597.</b> Colonial Restorations
<b>479.</b> Flag Factory	<b>3240.</b> Robinson Iron Corp	1439 Country Carportors Inc.
	1218. Schwartz's Forge & Metalworks, Inc	1439. Country Pand Associates 141
* Florentine Craftsmen, Inc	<b>4870.</b> Stairways, Inc	<b>7480.</b> Country Road Associates, Ltd
<b>1220.</b> Frank Morrow Co	470. Steptoe & Wife Antiques Ltd	<b>4320.</b> Craftsman Lumber Company
<b>1706.</b> Gladding, McBean	<b>5620.</b> Sur-Fin Chemical Corp	663. Hugh Lofting Timber Framing, Inc184
<b>4160.</b> Goodwin International	9430. Texas Metal Industries, Inc	<b>536.</b> Kronenberger & Sons Restoration
<b>3170.</b> Jaz Products	8035. The Wagner Companies	<b>1233.</b> Liberty Head Post & Beam
<b>1493.</b> Kasco Marine, Inc	8035. The Wagner Companies	<b>1403.</b> Reliance Specialty Building Products 183
* Kenneth Lynch & Sons Inc. 400 447	<b>1062.</b> Wagner Foundry, Inc	1390 Southern Timber Sixty
* Kenneth Lynch & Sons, Inc	<b>1223.</b> Wiemann Ironworks	<b>1290.</b> Southern Timberwrights
1109. Lake Fountains & Aeration	<b>1577.</b> Wylie Metals	<b>8370.</b> Timberpeg
<b>5390.</b> Limestone Concept, Inc	OVAZ obliniemst	<b>2669.</b> Tremont Nail Company
<b>1810.</b> Modern Art Foundry	9940 Custom Plumbing But our	<b>1464.</b> Freestate Timbersmiths
<b>2576.</b> Petersen Mfg. Co	9940 Custom Plumbing, Bath & Heating	
<b>186.</b> Precision Fountains	<b>5860.</b> Bathroom Machineries, DEA - Hardware 154	9947 Tools 9 F
<b>1882.</b> Seal Reinforced Fiberglass	1725. Bathroom Machineries, DEA - Plumbing 154	9947 Tools & Equipment
<b>5500</b> Seihert & Picc	<b>6060.</b> Monarch Products Co	<b>1058.</b> Trow & Holden
<b>5500.</b> Seibert & Rice	<b>1779.</b> Unico System, Inc	AMINOUS CONTRACTOR
<b>280.</b> Walpole Woodworkers	(60%) to radigate shapeholds/	9949 Custom Woodwork
	0044 0	
9937 Custom Lighting & Electrical	9941 Custom Roofing & Roof Specialties	<b>821.</b> A-Art/B. Rasmussen, Ltd
<b>1498.</b> A.R.K. Ramos	<b>2723.</b> American Slate Co	<b>610.</b> Adams Stair Works & Carpentry, Inc 192
<b>1498.</b> A.R.K. Ramos	100	7.440 0
2240 VVVCCO 1;===;=== 1	<b>657.</b> Annapolis Weathervanes and Cupolas	1416. Country Road Associates, Ltd
<b>2240.</b> AAMSCO Lighting, Inc	657. Annapolis Weathervanes and Cupolas164	<b>1416.</b> Country Road Associates, Ltd
<b>60.</b> Authentic Designs	<b>657.</b> Annapolis Weathervanes and Cupolas 164 <b>1012.</b> Baschnagel Brothers	<b>1564.</b> Josef's Art Woodturning & Son
<b>60.</b> Authentic Designs	657. Annapolis Weathervanes and Cupolas1641012. Baschnagel Brothers	<b>1564.</b> Josef's Art Woodturning & Son
<b>60.</b> Authentic Designs	657. Annapolis Weathervanes and Cupolas.1641012. Baschnagel Brothers.1652730. Campbellsville Industries.1662901. Castle Metal Products.165	<b>1564.</b> Josef's Art Woodturning & Son
<b>60.</b> Authentic Designs       .129 <b>7660.</b> Ball & Ball Lighting       .204 <b>166.</b> Bevolo Gas & Electric Lights       .124	657. Annapolis Weathervanes and Cupolas.1641012. Baschnagel Brothers.1652730. Campbellsville Industries.1662901. Castle Metal Products.1651603. Cedar Shake & Shingle Bureau.157	1564. Josef's Art Woodturning & Son
<b>60.</b> Authentic Designs       129 <b>7660.</b> Ball & Ball Lighting       204 <b>166.</b> Bevolo Gas & Electric Lights       124 <b>8890.</b> Brass Light Gallery       127	657. Annapolis Weathervanes and Cupolas.1641012. Baschnagel Brothers.1652730. Campbellsville Industries.1662901. Castle Metal Products.1651603. Cedar Shake & Shingle Bureau.1571280. Classic Gutter Systems, LLC.164	1564. Josef's Art Woodturning & Son       191         7380. Klitsas, Dimitrios - Fine Wood Sculptor       191         * Michael A. Dow - Woodcarver       191         3030. PRG, Inc.       193         1666. Poxywood Inc.       193
<b>60.</b> Authentic Designs.129 <b>7660.</b> Ball & Ball Lighting.204 <b>166.</b> Bevolo Gas & Electric Lights.124 <b>8890.</b> Brass Light Gallery.127 <b>2809.</b> Capitol Lighting Design and Restoration.129	657. Annapolis Weathervanes and Cupolas.1641012. Baschnagel Brothers.1652730. Campbellsville Industries.1662901. Castle Metal Products.1651603. Cedar Shake & Shingle Bureau.1571280. Classic Gutter Systems, LLC.164	1564. Josef's Art Woodturning & Son       191         7380. Klitsas, Dimitrios - Fine Wood Sculptor       191         * Michael A. Dow - Woodcarver       191         3030. PRG, Inc.       193         1666. Poxywood Inc.       193         138. Superior Moulding, Inc.       193
60. Authentic Designs1297660. Ball & Ball Lighting204166. Bevolo Gas & Electric Lights1248890. Brass Light Gallery1272809. Capitol Lighting Design and Restoration129237. Christopher Thomson Ironworks127	657. Annapolis Weathervanes and Cupolas.1641012. Baschnagel Brothers.1652730. Campbellsville Industries.1662901. Castle Metal Products.1651603. Cedar Shake & Shingle Bureau.1571280. Classic Gutter Systems, LLC.1643720. Durable Slate Co., The.162	1564. Josef's Art Woodturning & Son       191         7380. Klitsas, Dimitrios - Fine Wood Sculptor       191         * Michael A. Dow - Woodcarver       191         3030. PRG, Inc.       193         1666. Poxywood Inc.       193         138. Superior Moulding, Inc.       193
60. Authentic Designs1297660. Ball & Ball Lighting204166. Bevolo Gas & Electric Lights1248890. Brass Light Gallery1272809. Capitol Lighting Design and Restoration129237. Christopher Thomson Ironworks1274850. Classic Accents, Inc.127	657. Annapolis Weathervanes and Cupolas.1641012. Baschnagel Brothers.1652730. Campbellsville Industries.1662901. Castle Metal Products.1651603. Cedar Shake & Shingle Bureau.1571280. Classic Gutter Systems, LLC.1643720. Durable Slate Co., The.1621377. EJMcopper, Inc160	1564. Josef's Art Woodturning & Son       191         7380. Klitsas, Dimitrios - Fine Wood Sculptor       191         * Michael A. Dow - Woodcarver       191         3030. PRG, Inc.       193         1666. Poxywood Inc.       193         138. Superior Moulding, Inc.       193         1122. Turnings Unlimited       192
60. Authentic Designs1297660. Ball & Ball Lighting204166. Bevolo Gas & Electric Lights1248890. Brass Light Gallery1272809. Capitol Lighting Design and Restoration129237. Christopher Thomson Ironworks127	657. Annapolis Weathervanes and Cupolas.1641012. Baschnagel Brothers.1652730. Campbellsville Industries.1662901. Castle Metal Products.1651603. Cedar Shake & Shingle Bureau.1571280. Classic Gutter Systems, LLC.1643720. Durable Slate Co., The.162	1564. Josef's Art Woodturning & Son       191         7380. Klitsas, Dimitrios - Fine Wood Sculptor       191         * Michael A. Dow - Woodcarver       191         3030. PRG, Inc.       193         1666. Poxywood Inc.       193         138. Superior Moulding, Inc.       193

# **Historical Products Showcase**

### **Bathroom Machineries, DEA**

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

Supplier of Early American & Victorian bathroom fixtures & accessories & door & window hardware: antique & reproduction clawfoot tubs, high-tank toilets, pedestal sinks, mirrors & many one-of-akind items.

Write in No. 1725 for plumbing; 5860 for hardware



Bathroom Machineries, DEA, manufactured this low-flush toilet in an historically accurate reproduction of a classic 1910style water closet.

### **Castle Metal Products**

847-806-4540; Fax: 847-806-4541 www.castlemetalproducts.com Elk Grove Village, IL 60007

Supplier of ridge vents for slate roofs, sheet-metal flashing & trim: built-in & half-round gutters, leaders, boxes & more.

Write in No. 2901



TopSlate ridges, hips and vents from Castle Metal Products provide a permanent, watertight finish for slate roofing.

### **Doty & Sons Concrete** Products, Inc.

800-233-3907; Fax: 815-895-8035 www.dotyconcrete.com Sycamore, IL 60178

Manufacturer of litter receptacles, planters, bollards & custom concrete products: more than 20 bench styles & sizes; ipe lumber, recycled plastic & concrete seats & backs.

Write in No. 2090



Doty & Sons manufactures a complete line of concrete site furnishings, including the Morrison Litter Receptacle, which has a hinged lid, three litter entries and a 23-gal. plastic liner.

### **Eron Johnson Architectural Antiques**

303-777-8700; Fax: 303-777-8787 www.eronjohnsonantiques.com Denver, CO 80203

Supplier of more than 10,000 items from 38 countries: 17th to 19th-century architectural building artifacts: columns, doors, fireplaces, stained glass, ironwork & more.

Write in No. 1874



This door is one of more than 10,000 antiques available from Eron Johnson Architectural Antiques

### **Evelyn Tully Costa LLC**

718-789-1847; No Fax www.evelynproductions.com Brooklyn, NY 11225

Landscape services: design, installation & consultation.

Write in No. 1901



When designing this garden, Evelyn Tully Costa used natural stone to create the bench and pathway.

### **Flag Factory**

800-868-7111; Fax: 704-289-6857 www.flagfactory.com Monroe, NC 28110

Manufacturer & supplier of flags, banners & poles: American, foreign, scholastic, corporate, festival, main street & streetscape; attention-getting colors; durable for many seasons; custom; more than 92 years.

Write in No. 479



Colorful flags and banners are fabricated by Flag Factory in 310-denier nylon fabric.

#### Frank Morrow Co.

800-556-7688; Fax: 401-941-3810 www.frankmorrow.com Providence, RI 02905

Designer & manufacturer of more than 6,000 ornamental metal trims: embossed banding & perforated gallery; decorative stampings include leaves, flowers, husks, bobeches, animals, motifs & more; greyiron castings.

Write in No. 1220



This metal trim design, model #F8510-2 from Frank Morrow Co., measures 4.185 in. wide.

### **Goodwin International**

714-241-0942; Fax: 714-241-1874 3121 S. Oaks St. Santa Ana, CA 92707

Supplier of landscape & garden ornament from around the world: stone fountains, benches, planters, urns & sculpture; sandstone planters & terra cotta; various design styles & sizes.

Write in No. 4160



The Mediterranean Series from Goodwin International includes these pots, fashioned in Italian terra cotta.

### **Jansen Ornamental Supply**

800-423-4494; No Fax www.jansensupply.com El Monte, CA 91733

Supplier of ornamental hardware & decorative castings: stampings, paints, tools, lockboxes, cast-iron spears; aluminum cover shoes.

Write in No. 1812

### **Jaz Products**

805-525-8800; Fax: 805-525-8808 www.jazproducts.com Thousand Oaks, CA 91359

Manufacturer of polyethylene planters: durable & lightweight; the look of terra cotta; other colors available; 10-year lim-

ited warranty. Write in No. 3170

### **King Architectural Metals**

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

Wholesale supplier of ornamental & architectural metal components: staircases, handrails, gates, fences, furniture, mailboxes, lampposts, finials & fireplace screens; wrought iron & aluminum.

Write in No. 418

### **Kwick Kleen Restoration Products**

888-222-9767; Fax: 812-882-3866 www.kwickkleen.com Vincennes, IN 47591

Manufacturer of Sun Block, a sun screen for wood: protects wood from ultraviolet rays; for interior & exterior applications.

Write in No. 1865



Kwick Kleen Restoration Products' Sun Block protects wood from the sun; it can be used in both interior and exterior applications.

### Martin Pierce Hardware, Inc.

800-619-1521; Fax: 323-939-0366 www.martinpierce.com Los Angeles, CA 90016

Manufacturer of door & furniture hardware: oil-rubbed bronze, hot-patina bronze & stainless steel; variety of styles.



Martin Pierce crafted these Hedgerow Heroic door pulls.

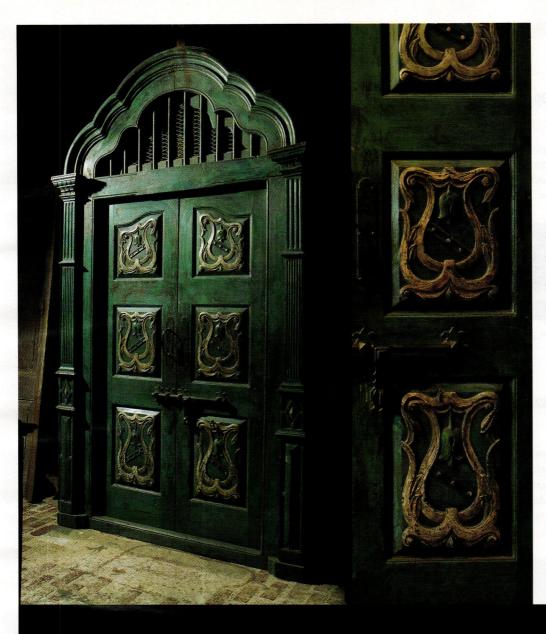
### Nixalite of America, Inc.

800-624-1189; Fax: 309-755-0077 www.nixalite.com East Moline, IL 61244

Manufacturer of humane bird-control products: stainless-steel needle strips, Fliteline wire deterrent & 3 types of bird netting; visual, chemical & audible systems; free technical & planning services with direct order.



Stainless-steel bird-control strips from Nixalite protect this city hall.



ARCHITECTURAL . LIGHTING . FURNITURE GARDEN ORNAMENT . ACCESSORIES

10,000 antiques from 38 countries, 1 click away...

eronjohnsonantiques.com

451 North Broadway . Denver . Colorado . 80203 e-mail: info@eronjohnsonantiques.com . 303.777.8700

### ERON JOHNSON ANTIQUES

WRITE IN NO. 1874



# TRADITIONAL BUILDING Design Challenge

# **LIVE** Design Competition Targets New Orleans-Style Architecture

Winning Design to be Donated to Katrina Survivor

New Orleans is synonymous with great food, great music and wonderful architecture. From Creole Cottages to Shotgun styles of the 19th century, New Orleans architecture has captured the hearts and imaginations of visitors for hundreds of years.

Working with set parameters, such as lot size, square footage, and style, your task for three days will be to design and **hand-draw** a new "old" house for one of New Orleans' most famous historic districts.

For information please contact:

#### **Steven Mickley**

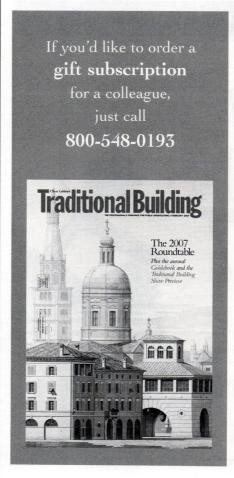
The American Institute of Building Design phone: 800.366.2423 email: steve@aibd.org

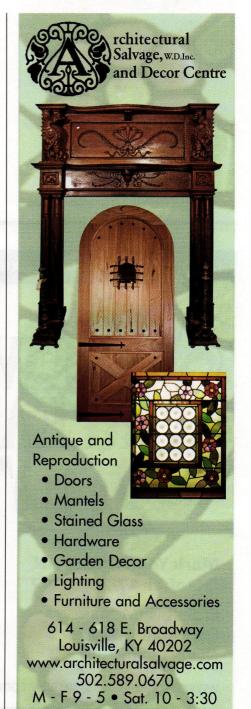


MOSAIC ARTWORK by GEORGE FISHMAN

103 NE 99th Street Miami Shores Florida 33138 305 758-1141 www.georgefishmanmosaics.com gfmosaics@bellsouth.net Custom Mosaics in Glass & Stone

WRITE IN NO. 183







Concrete custom site furnishings are available from Petersen Mfg.

#### Petersen Mfg. Co.

800-832-7383; Fax: 712-263-5090 www.petersenmfg.com Denison, IA 51442

Manufacturer of site furniture: fountains, pavers, tables, benches, waste receptacles, bollards, street lighting, tree grates, planters, ash urns & drinking fountains; concrete & steel; specifications for security barriers.

Write in No. 2576

#### **Phelps Company**

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

Manufacturer of traditional hot-forged solid-brass window hardware: sash pulleys, weights, chains, lifts & locks; stopbead adjusters, spring bolts, window ventilation locks, casement hardware, storm/screen-door latch sets & more.

Write in No. 6001



The model #SCL82 screen-door latch set from Phelps Company is hot-forged and precision-machined in solid brass.

#### Reggio Register Co., The

978-870-1025; Fax: 978-870-1030 www.reggioregister.com Leominster, MA 01453

Manufacturer of grilles & registers: for forced-air & high-velocity systems; cast iron, brass, aluminum, zinc & wood; handcrafted to last for generations.

Write in No. 5810



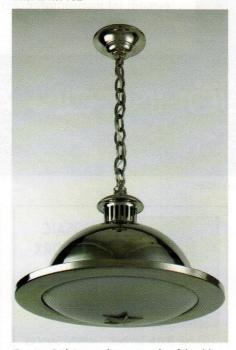
This decorative grille from Reggio Register is patterned after traditional Victorian designs.

#### **Remains Lighting**

212-675-8051; Fax: 212-675-8052 www.remains.com New York, NY 10001

Importer & distributor of traditional lighting fixtures: thousands of antique chandeliers & sconces restored; some made by 19th- & 20th-century designers such as E.F. Caldwell & Co.; new wall & ceiling fixtures; UL listed.

Write in No. 792



Remains Lighting supplies many styles of chandeliers, sconces and pendents.

#### **Signature Hardware**

866-855-2284; Fax: 800-682-6826 www.signaturehardware.com Erlanger, KY 41017

Direct distributor of bathroom supplies: cast-iron & acrylic clawfoot bathtubs, porcelain sinks, brass faucets, shower rods & rings; floor registers & air returns; decorative door & window hardware; lighting.

Write in No. 1376



Historically accurate reproduction hardware from Signature Hardware can be used for restoration or new construction projects.

#### Sno-Gem, Inc.

888-766-4367; Fax: 815-455-4367 www.snogem.com McHenry, IL 60050

Supplier of snowguards: polycarbonate (clear or color) & metal forms; patented pre-tinning application for soldering; free design/layout on any roof system.

Write in No. 1015

#### Texas Metal Industries, Inc.

800-222-6033; Fax: 800-472-3807 www.txmetal.com

Crandall, TX 75114

Supplier of ornamental castings: furniture, gates, fences, mailboxes, signage, finials, balustrades, stair railings, fountains, benches, lampposts & urns; aluminum, cast iron & forged steel.

Write in No. 9430



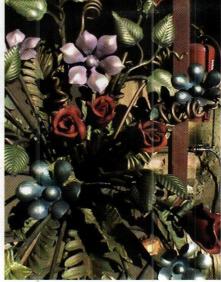
Texas Metal supplied the balusters and railings for this curved staircase.

#### **The Wagner Companies**

888-243-6914; Fax: 414-214-0450 www.wagnercompanies.com Butler, WI 53007

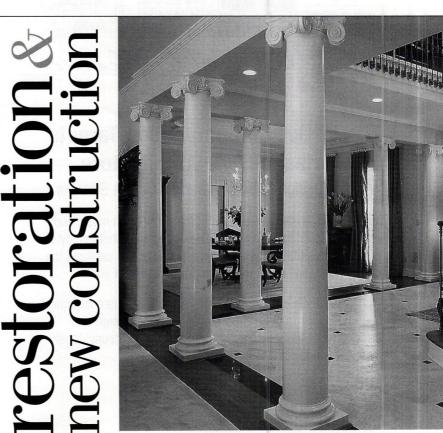
Supplier of ornamental metalwork: handrail moldings & fittings, posts, balusters, forged components & panels & decorative castings & stampings; ornamental hollow balls & hemispheres; spiral stairs; custom bending for railings.

Write in No. 8035



The Wagner Companies offers Baroque Art Gilders Paste, a collection of waxes, resins and pigments for decorating iron, wood, pottery, etched glass, sculpture and other elements.

# TRADITIONAL BUILDING EXHIBITION AND CONFERENCE ORLEANS ORLEANS BOULDOON BOULDOON



www.traditional-building.com

# **Custom Artwork, Art Glass & Furnishings**

To order product literature, go to www.traditional-building.com 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. 9928.

#### A-Art/B. Rasmussen, Ltd.

314-962-1842; Fax: 314-962-4816 www.bestofmissourihands.org Saint Louis, MO 63144

Art studio: signs, sculpture, wood carvings, decorative painting & gilding; custom designs; restoration, replication & refinishing; professional-opinion replacement cost estimates for insurance purposes.

Write in No. 821



"Fall" is one of four statues from Architectural Pottery depicting stands 90 in. tall and is 24 in. wide x 20 in. deep.

#### **Architectural Pottery**

888-ARCH-POT; Fax: 714-898-5109 www.archpot.com Midway City, CA 92655

Importer of handcrafted Italian & Greek statuary & other items: terra-cotta urns & ornament; hand-carved Italian limestone & English-style stone reproductions; balustrades, columns, benches, bollards, fountains & trash receptacles. Write in No. 20

#### **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, wroughtiron components, balustrading, door hardware, lighting, ceiling tile, furniture & cabinet components & more.

Write in No. 1088

#### Art Casting of Illinois, Inc.

www.harryspell.com Oregon, IL 61061

Manufacturer of cast-bronze sculpture: pick-up, conservation, restoration & installation; moldmaking, patination, fabrication, off-site laser scanning & digital sculpting; etchings & prints through Adagio Fine Art Gallery.

Write in No. 2705

#### **Authentic Provence, Inc.**

561-805-9995; Fax: 561-805-5730 www.authenticprovence.com West Palm Beach, FL 33401

Importer & distributor of antique handcarved stone garden ornament: French limestone & Italian marble; antique gates, wrought-iron & wood gates & trellis; hand-sculpted fountains, plaques, terracotta planters, gazebos & pavilions.

Write in No. 8163

#### **Ball & Ball Hardware**

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

Custom manufacturer & supplier of ornamental metalwork & hardware: door, window, shutter & furniture hardware; fireplace tools; wrought iron, steel, aluminum, bronze, brass, copper & cast iron; custom reproductions.

Write in No. 2930

#### **Bill's Custom Metal** Fabrications, Inc.

516-333-3562; No fax www.ironcrafters.com Westbury, NY 11590

Manufacturer of ornamental metalwork: railings, furniture, fireplace doors, hardware & candelabras; handcrafted & hand forged.

Write in No. 1270

#### **Boston Valley Terra Cotta**

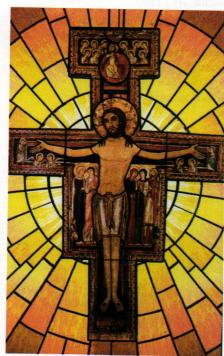
716-649-7490; Fax: 716-649-7688 www.bostonvalley.com Orchard Park, NY 14127

Custom fabricator of architectural terracotta products: roof tile & Terraclad (rain-screen system); columns/capitals, cornices, balustrades, garden sculpture & chimneys; standard & custom shapes & colors; replacements & new designs. Write in No. 160

#### **Bovard Studio, Inc.**

800-452-7796; Fax: 641-472-0974 www.bovardstudio.com Fairfield, IA 52556

Restorer, designer & fabricator of stainedglass windows: wood, aluminum & steel frames; protective glazing systems; replicates lost stained-glass windows; faceted glass; mosaics; hand-painted kiln-fired original art glass.



Bovard Studio created the stained-glass San Damiano Cross for St. Patrick's Chapel in Denison, TX.

#### **Canning Studios**

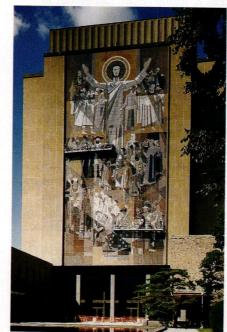
203-272-9868; Fax: 203-272-9879 www.canning-studios.com Cheshire, CT 06410

Restorer & designer of decorative finishes, ornamental plaster & wood: historicpaint analysis; plaster consolidation & stabilization; decorative painting, murals, interior & exterior gilding & wood graining; metal & stone cleaning. Write in No. 5100

#### **Conrad Schmitt Studios, Inc.**

800-969-3033; Fax: 262-786-9036 www.conradschmitt.com New Berlin, WI 53151

Creator, conservator & restorer of decorative painting, stained & art glass: ornamental plasterwork; crystalline etched-glass designs; murals, mosaics & statuary; for public & religious buildings; since 1889. Write in No. 8040



Conrad Schmitt Studios created this massive public mosaic for the Theodore M. Hesburgh Library on the Notre Dame campus in South Bend, IN.

#### **Degenhardt Glass Studio**

512-267-0959; No fax www.jdmglass.com Leander, TX 78641

Glass studio: art glass restoration; antique; beveled, etched & leaded glass; stained & painted; figurative & pictorial; ecclesiastical art; mosaics.

#### **Dufour/Corso Studios, Ltd.**

225-344-4504; Fax: 225-344-7577 www.dufour-corso.com Baton Rouge, LA 70821

Designer & fabricator of stained glass, bronze sculpture, mosaics, tapestries & furniture.

#### E.R. Butler & Co.

212-925-3565; Fax: 212-925-3305 www.erbutler.com New York, NY 10012

Manufacturer of historically accurate, premium-quality hardware for doors, windows & furniture: brass, bronze, nickel silver & wrought iron; complete design selections of Early American period hardware; many finishes.

Write in No. 2260

#### eMorton Art

442-295-7290; No fax www.emortonart.com Bethesda, MD 20824

Artist: designer & creates interior & exterior murals; art glass; furnishings; faux finishes, stenciling; interior painting.

#### **EverGreene Painting Studios, Inc.**

212-244-2800; Fax: 212-244-6204 www.evergreene.com New York, NY 10001

Decorative-arts studio: murals, decorative painting, gilding, plaster, wood, metal, stone & mosaics; new design, conservation & restoration; ecclesiastical, institutional, public & commercial projects; offices in NYC & Chicago.

Write in No. 2460



Designed and fabricated by George Fishman of Fishman Mosaics for a cruise ship, "Bering Straits" is made of traditional glass smalti and stone; the 32x32in. mosaic is part of a series on European explorers.

#### **Fishman Mosaics**

305-758-1141; Fax: Same as phone www.georgefishmanmosaics.com Miami Shores, FL 33138

Designer & fabricator of mosaics: traditional glass smalti & stone; pictorial mosaics in the Classical style; custom mosaic artwork for public spaces, hospitality & religious projects.

Write in No. 183

#### Florentine Craftsmen, Inc.

800-876-3567; Fax: 718-937-9858 www.florentinecraftsmen.com Long Island City, NY 11101

Manufacturer of garden ornament & other ornamental metalwork & stonework: freestanding & wall-mounted fountains, statuary, urns, planters, wrought-iron gazebos, furniture & more; weathervanes; cast stone, cast aluminum & lead.

Call for more information.



Life-size "Seated Boy with Flute," custom fabricated in bronze by Florentine Craftsmen, measures 48 in. tall x 50 in. wide.

#### **Gaby's Shoppe**

800-299-4229; Fax: 214-748-7701 www.gabys.com

Dallas, TX 75207

Manufacturer of handcrafted decorative iron drapery hardware: for curved & angled bay windows & arches; 30 standard finishes; more than 10 finial options.

Write in No. 2520

#### **GRT Glass Design**

317-353-6369; Fax: 317-359-9630 www.grtglassdesign.com Indianapolis, IN 46219

Custom fabricator of art glass: cut, engraved, etched glass artwork; curved & slumped glass.

#### Haddonstone (USA), Ltd.

856-931-7011; Fax: 856-931-0040 www.haddonstone.com Bellmawr, NJ 08031

Manufacturer of Classical stonework: columns, balustrades, benches, planters, urns, pavers, fountains, gazebos, mantels, statuary & more; cast, reconstructed limestone resembling Portland stone; more than 500 designs.

Write in No. 4020

#### John Tiedemann, Inc.

877-600-2666; Fax: 201-991-3419 www.johntiedemann.com North Arlington, NJ 07031

Restorer of interior elements: interior painting & design, liturgical renderings, decorative granite flooring, faux finishes, murals & frescoes, gilding, art glass, fine art, paint & plaster analysis, historic analysis & testing.

Write in No. 1765

#### **Judson Studios**

800-445-8376; Fax: 323-255-8529 www.judsonstudios.com Los Angeles, CA 90042

Designer & custom fabricator of art glass: mosaics & stained- & faceted-glass restoration; public buildings & ecclesiastical projects.

Write in No. 2668



Judson Studios designed and fabricated the stainedglass windows and doors for the Torrey Pines Lodge in San Diego, CA.

#### **Kathy LaTournous Studio**

570-226-4799; No fax www.kltcutglass.com Hawley, PA 18428

Glass cutting studio: stone wheel-cut crystal & lead crystal; original designs; family tradition since 1700s.



This custom hand-cut glass demonstrates the artistry and skills of Kathy LaTournous, glass cutter.



This 28-in.-tall statue of a child fishing was fabricated by Kenneth Lynch & Sons.

#### Kenneth Lynch & Sons, Inc.

203-762-8363; Fax: 203-762-2999 www.klynchandsons.com Wilton, CT 06897

Manufacturer of ornamental metalwork & cast-stone products: planters, urns, benches, fountains, statuary, topiary, sundials & weathervanes; cast stone, cast & wrought iron, lead & bronze; stock & custom designs.

Call for more information.

#### Limestone Concept, Inc.

310-278-9829; Fax: 310-278-9651 www.limestoneconcept.com Gardena, CA 90249

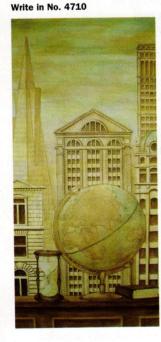
Custom fabricator & distributor of limestone items: fireplaces, fountains, columns, capitals, balustrades, mantels, benches, ornament, garden statuary, sculpture, planters & urns; French limestone slabs & tile; antique terra cotta.

Write in No. 5390

#### Lynne Rutter Murals & Decorative Painting

415-282-8820; No fax www.lynnerutter.com San Francisco, CA 94107

Creator of fine art murals: trompe l'oeil & wall & ceiling murals; painted on-site or on canvas to be installed anywhere; church work; works nationally & internationally.



This fantasy cityscape in antique map colors, featuring San Francisco landmarks, was painted by Lynne Rutter.

#### Maguire Iron Corp.

510-234-7569; Fax: 510-232-7519 www.maguireironcorporation.com Richmond, CA 94801

Manufacturer & supplier of traditional hardware & lanterns: door, cabinet, window, gate & mailbox hardware; knobs & levers with compatible locks, various backsets & functions; wrought iron, pewter, rust, brass & bronze; custom work.

Write in No. 7600

#### **MFA Design Group**

805-995-3579; Fax: Same as phone www.geocities.com/mosaicstudio/Cayucos, CA 93430

Designer & fabricator of custom mosaic murals: for walls & floors; reliefs/sculptures in mosaic glass, tile, stone & exotic hardwoods; public, private, corporate & liturgical projects.

Write in No. 1163



"Rising to Dawn," created by Peter Ladochy of MFA Design Group, incorporates a ceramic relief mural with his "Snake Ladder."

#### **Michael Davis Stained Glass**

718-383-3712; Fax: 718-383-3712 www.michaeldavisglass.com Long Island City, NY 11101

Art glass studio: vases, stained-glass commissions & restorations, blown-glass replicas & commissions, bulls-eye & clear glass; custom door & window glass; glass casting & fusing, lighting, architectural installation & consultation.



This replication of the Civil War Soldiers Monument at Greenwood Cemetery in Brooklyn, NY, was cast in bronze by Modern Art Foundry from the 1869 zinc original.

#### **Modern Art Foundry**

718-728-2030; Fax: 718-267-0819 www.modernartfoundry.com Astoria, NY 11105

Bronze casting: lost-wax & sand castings; non-ferrous metals; sculpture & commemorative design services; conservation & maintenance; more than 70 years of experience.

Write in No. 1810



This 12-ft. mural, "Risen Christ," was painted by No 9 Studio UK for a church in Maidenhead, UK.

#### No 9 Studio UK

011-44-1769-5404-71; Fax: 011-44-1769-5408-64 www.no9uk.com

Umberleigh, Devon UK EX379HF

Manufacturer of terra-cotta architectural elements: chimneys, sculptural fountains & garden furnishings/ornament; ceramic tile & clay tile roofing; cupolas, finials & vents; special brick & features; mural painting; restoration.

Write in No. 1672

#### O.K. Foundry Co., Inc.

804-340-0919; Fax: 804-233-6240 www.okfoundrycompany.com Richmond, VA 23224

Custom fabricator of cast-iron elements: sculpture, columns & capitals, bollards, stanchions, mantels, fireplaces, chimneys & accessories.

Write in No. 1894

#### Paul Friend Architectural Stained Glass

856-428-9100; Fax: 856-428-1199 www.paurfriendglass.com Cherry Hill, NJ 08034

Designer & fabricator of stained/painted, beveled, etched & leaded glass: restoration services; ecclesiastical projects.

#### **Peck Studios**

202-331-1966; Fax: Same as phone www.peckstudios.com Washington, DC 20010

Designer & installer of large-scale public decorative works: murals & trompe l'oeil paintings, mosaics, faux finishes, graining, keim mineral systems & gilding.

Write in No. 208



This large-scale (8x18-ft.) mural was painted by Peck Studios for the American Legacy Foundation.

#### **Reflection Studios**

510-652-4884; Fax: 510-658-6138 www.reflectionstudios.com Emeryville, CA 94608

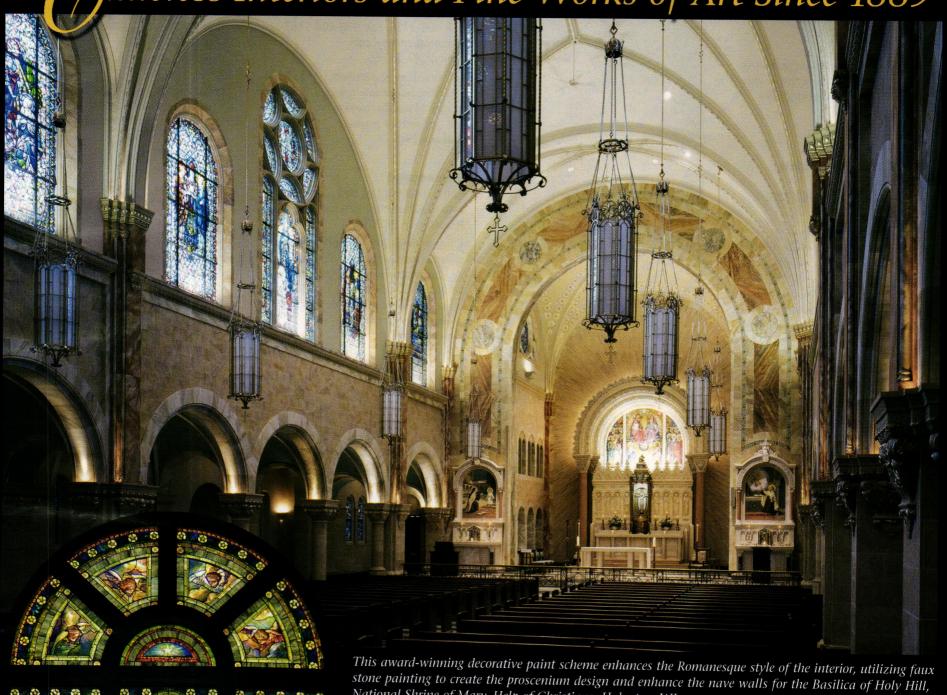
Designer, fabricator & installer of fine-art glass: commercial, ecclesiastical & residential; conservation & restoration of historic stained glass; design, construction & renovation of stained-glass domes & ceilings.

Write in No. 7930



The grand art-glass domes of the natatorium at the Olympic Club in San Francisco were restored and engineered with a proprietary seismic system to protect it from earthquakes by Reflection Studios.

imeless Interiors and Fine Works of Art Since 1889





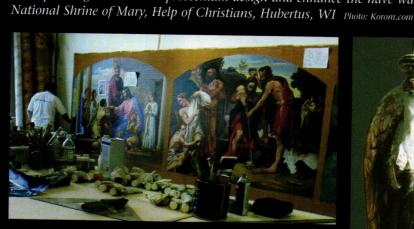












Left: Conservation of three large American Opalescent windows containing a total of sixty-two panels, created by stained glass master, Louis C. Tiffany Studios for Broad Street Presbyterian Church, Columbus, OH

Above: Four new nave murals inspired by historic designs were created for St. Roch Catholic Church in Indianapolis, IN

Right: Restoration of badly damaged statues for St. Michael the Archangel Catholic Church, Convent, LA



- Creation, Conservation and Restoration of
  - Decorative Painting
  - Stained Glass
- Etched Glass
- Murals
- Mosaic
- Sculpture
- Statuary
- Historic Research
- Specification Writing

ne of the largest decorative painting and stained glass studios in the country, Conrad Schmitt Studios provides award-winning artwork for churches, theatres, hotels, courthouses and state capitols. With a unified artistic vision, CSS's talented and experienced staff of artists and craftsmen provide a variety of disciplines to be a single source for all of a project's aesthetic needs. Today, as in the past, Conrad Schmitt Studios is dedicated to providing beauty, quality and longevity in every endeavor.

Call us today for a complimentary consultation and visit us on the web at www.conradschmitt.com



Excellence in Artistry Since 1889

#### Rejuvenation

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

Manufacturer of authentic reproduction lighting: more than 500 interior & exterior styles; painted-glass shades; door & window hardware.

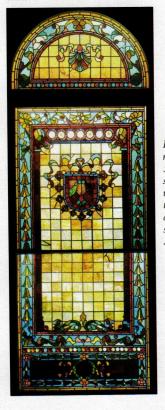
Write in No. 7630

#### **Rohlf's Stained & Leaded Glass Studio**

800-969-4106; Fax: 914-699-7091 www.rohlfstudio.com Mount Vernon, NY 10550

Designer, fabricator & installer of new stained & leaded glass: restoration & replication; protective glazing; beveled, carved & fused/slumped glass; steelcasement retrofitting; mosaics; established in 1920.

Write in No. 6240



Rohlf's Studio restored 20 53x140-in. stained-glass windows in the assembly chamber of the state capitol in Albany, NY.

#### **Rosetta Studio**

970-667-6265; Fax: Same as phone www.rosettasculpture.com Loveland, CO 80537

Sculpture studio: stylized representational bronze sculpture of animal subjects; all sizes; for public, corporate & private placement & commissions.



"Reach for the Sky" was created by Rosetta Studio for the Meridian retail complex in Parker, CO.

#### Rossato Giovanni, srl/ Vicenza Stone Sculpture

011-39-0444-928499; Fax: 011-39-0444-928711 www.vicenzastone.com 36100 Vicenza, Italy MVI 002134

Fabricator of handmade sculpture: Classical statues, fountains, columns, benches, vases, planters, putti, urns, wells, statuary & more; made of Vicenza stone to last for centuries.

Write in No. 6110

#### **Scottsdale Art Factory**

800-292-0008; Fax: 800-292-0046 www.artfactory.com Scottsdale, AZ 85260

Custom manufacturer of furniture, grand entrance doors, gates, lighting & hardware: handmade in exotic woods, stone, copper, iron & leathers; more than nine decades of craftsmanship.

Write in No. 1625

#### Southern Group Enterprise -**Unique Mantel Co.**

888-458-3716; Fax: 909-464-1787 www.uniquemantel.com Pomona, CA 91766

Manufacturer & distributor of architectural fireplace mantels, statues & benches in natural marble: hand carved; distributors pay factory prices.

Write in No. 963

#### **Stonesculpt**

650-575-9683; Fax: 650-322-5002 www.customstonecarving.com Palo Alto, CA 94303

Custom fabricator of hand carvings in natural stone: mantels, sculpture, fountains, monuments, flooring, balustrades, columns, capitals, signage & landscape & other architectural ornament; traditional & contemporary styles.

Write in No. 371



Traditional Cut Stone restored this white marble bust.

#### **Traditional Cut Stone, Ltd.**

416-652-8434; Fax: 905-673-8434 www.traditionalcutstone.com Mississauga, Ontario, Canada L5S 151

European master carver: architectural ornamentation & monumental statuary; carved-stone mantels; restoration; historical reproduction in limestone, sandstone & marble; stone design with clay & plaster models; hand-drawn renderings. Write in No. 2902

#### Wagner Foundry, Inc.

800-276-1084; Fax: 773-276-9656 www.wagnerfoundry.com Chicago, IL 60622

Custom fabricator of architectural, art & industrial castings: hardware, sculpture, grilles, signage, plaques, storefront elements & cast-metal ornament; aluminum, bronze & brass; sand & lost-wax casting; ecclesiastical work.

Write in No. 1062

#### **Whitney Stained Glass Studio**

216-348-1616; Fax: 216-348-1116 www.whitneystainedglass.com Cleveland, OH 44114

Full-service glass studio: repair, restoration & conservation of stained glass; custom design, fabrication & installation of ecclesiastical & commercial art glass; leaded, painted, etched & beveled; aluminum frames & ventilators.

#### **Willet Hauser Architectural Glass**

800-533-3960; Fax: 507-457-0554 www.willetglass.com Winona, MN 55987

Art glass studio: hand-carved, leaded & faceted stained glass; design, fabrication, repair & historical restoration; mosaics; for religious, commercial & residential buildings; since 1898.

Write in No. 2674



The historical restoration of two large Tiffany windows was completed by Willet Hauser Architectural Glass for Brown Memorial Park Avenue Presbyterian Church in Baltimore, MD.

## ART CASTING OF ILLINOIS, INC.

Dr. Harry & Karly Spell, Owners

Fine Art Bronze Foundry; Conservation, Restoration & Installation; Mold Making, Patination, Fabrication, Off-Site Laser Scanning & Digital Sculpting.

P.O. Box 394, 5 Madison Street Oregon, Illinois 61061 815-732-7777 • 815-732-7475 (Fax) harry@harryspell.com • karly@harryspell.com

www.harryspell.com

WRITE IN NO. 2705

www.traditional-building.com

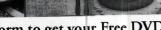


No9 UK Studio Free Works DVD

Contact Marek +44 1769 540471 Visit our web site, fill in the form to get your Free DVD







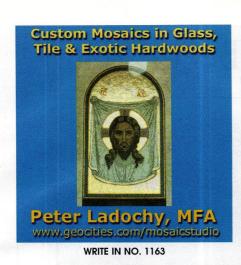
see video footage on Bespoke Clay Chimney Pots, Ridge, Dragon Finials, Fountains, www.no9uk.com Giant Chess Sets, Murals and Plaques, you name it we make it. **WRITE IN NO. 1672** 

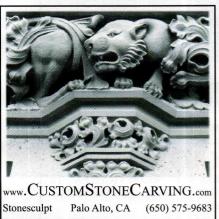


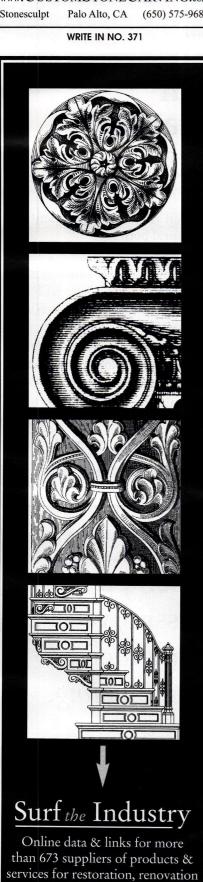
Announcing a New Way to...

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

www.TradWebDirectory.com



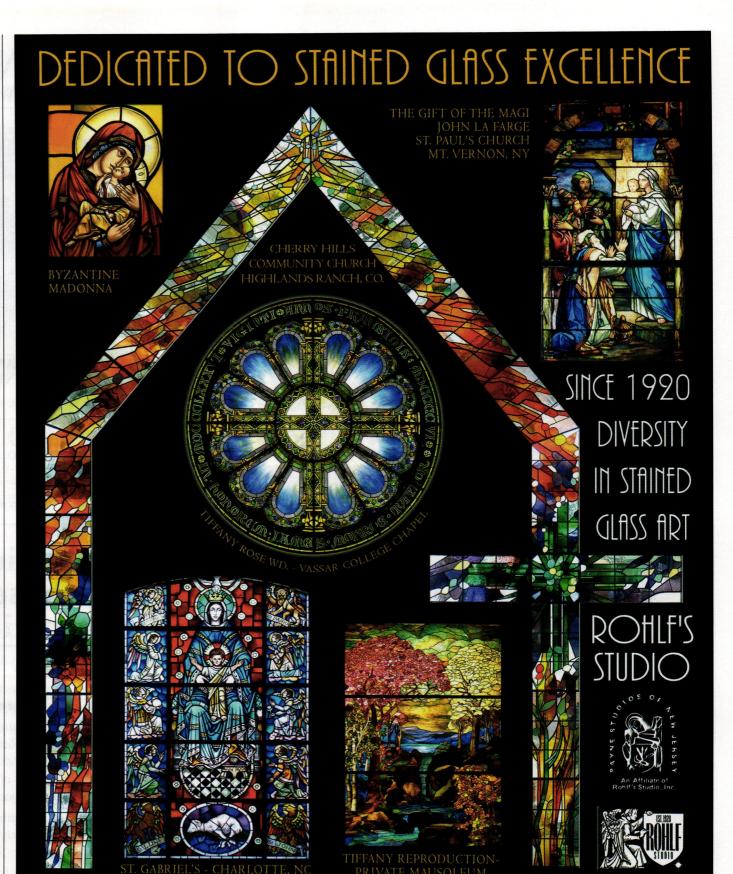




and historically inspired new construction for civic &

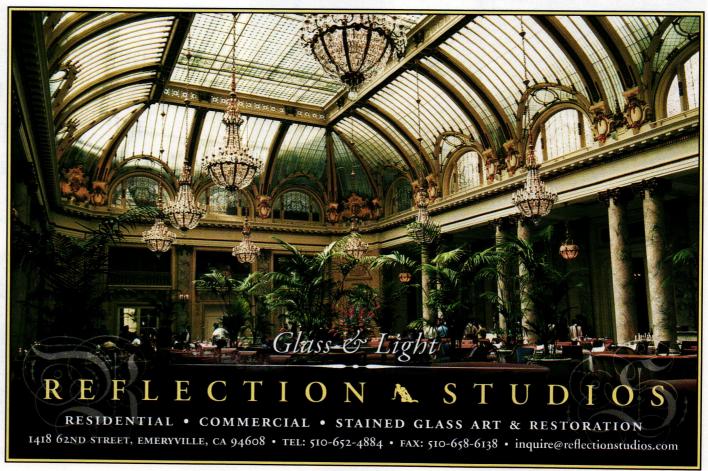
commercial projects.

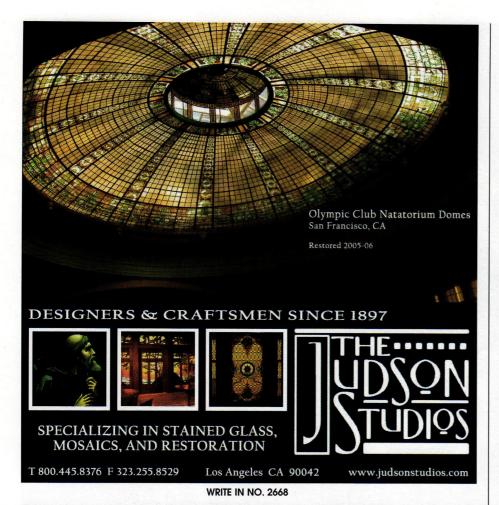
www.traditional-building.com

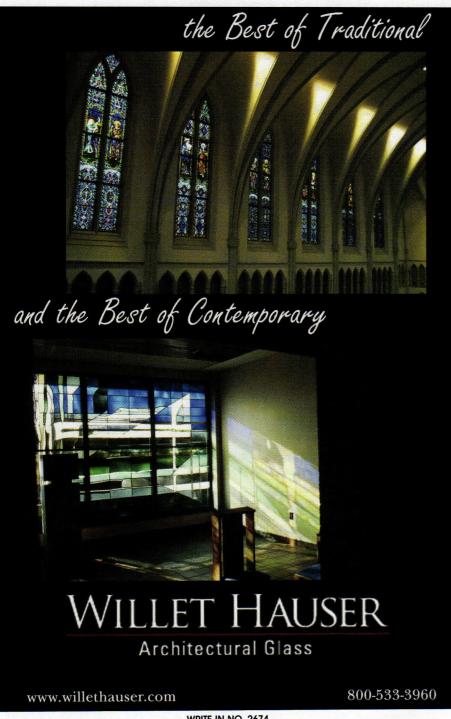


ROHLF'S STAINED & LEADED GLASS INC. - 783 SO. 3RD. AVE. MT. VERNON, NY 10550 IEL. - 914-699-4848, TOLL FREE - 800-969-4106, FAX - 914-699-7091 E-MAIL - ROHLF1@AOL.COM, OR VISIT OR WEB SITE - WWW.ROHLFSTUDIO.COM

WRITE IN NO. 6240 FOR ART GLASS & NO. 1480 FOR WINDOWS







**WRITE IN NO. 2674** 

# VICENZA STONE SCULPTURES



STATUES, VASES, PLANTERS, URNS, WELLS, BENCHES, FOUNTAINS, GAZEBOS

Visit our NEW website at: www.vicenzastone.com



VIA BRENTA, 11 - P.O. BOX 524 - 36100 VICENZA - ITALY PHONE: (39)-0444-928499 - FAX: (39)-0444-928711 e-mail: info@vicenzastone.com

**WRITE IN NO. 6110** 



#### **National** Preservation Institute

Seminars in Historic Preservation & Cultural Resource Management

Professional training for those involved in the management, preservation, and stewardship of our cultural heritage.

- CRM Basics: Archaeological Curation; Cemetery Preservation; GIS: Practical Applications for Cultural Resource Projects; Historic Landscapes; Identification and Evaluation of Mid-20th-Century Buildings; NEPA Compliance; Photodocumentation of Cultural Resources; Section 4(f) Compliance for Transportation Projects; Section 106: An Introduction
- Historic Property Management: Accessibility; Green Strategies for Historic Buildings; Historic Property Management; Historic Structures Reports; Preservation Maintenance; Secretary of the Interior's Standards
- Plus more! Please contact us for a seminar schedule or go to www.npi.org.

P.O. Box 1702. Alexandria. Virginia 22313 703.765.0100 • info@npi.org • www.npi.org

When contacting companies you've seen in the issue, please tell them you saw their listing in Traditional Building.

# restoration& new construction

www.traditional-building.com



# **Custom Columns & Capitals**

To order product literature, go to www.traditional-building.com 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. 9929.

#### 1.800.COLUMNS

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

Catalog distributor of fine architectural products: Chadsworth Columns, Hartmann-Sanders Authentic Architectural Columns, Polystone Columns, Polystone Balustrade Series, and Classic Pergolas; job-site delivery.

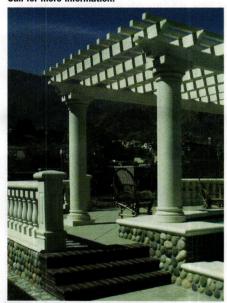
Write in No. 1580 for Polystone; 180 for wood

#### **A&M Victorian Decorations, Inc.**

800-671-0693; Fax: 626-575-1781 www.aandmvictorian.com South El Monte, CA 91733

Manufacturer of architectural elements: molding, columns, balustrades, wall caps, coping, fountains, planters, gazebos & more than 70 styles of mantels; gypsum & cast stone; custom designs.

Call for more information



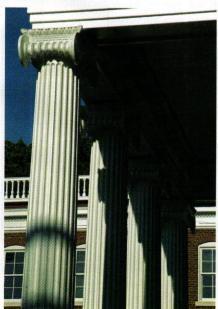
A&M Victorian Decorations offers a wide selection of cast-stone products including columns up to 24 in. in diameter and balusters.

#### **Architectural Columns & Balustrades by Melton Classics**

800-963-3060; Fax: 770-962-6988 www.meltonclassics.com Lawrenceville, GA 30042

Manufacturer of architectural elements: columns, moldings, balustrades, door & window features, cornices & trim; wood, fiberglass, polyurethane, marble/resin composite, GFRC, GRG, cast stone & synthetic stone.

Write in No. 4100



Melton Classics built these Greek Erectheum Ionic columns in all-heart redwood for Longwood University



Molded fiberglass elements from Architectural Fiberglass were used to replicate historical moldings for this building.

#### **Architectural Fiberglass Corp.**

800-439-2000; Fax: 631-842-4790 www.afcornice.com Copiague, NY 11726

Fabricator of reproduction ornament: cornice molding, columns, capitals, balustrades & themed interior environments; lightweight FRP; molded-in colors & textures; class-1 fire-retardant material; weather resistant; easy to install. Write in No. 6400

#### **Architectural Paneling, Inc.**

212-371-9632; Fax: 212-759-0276 www.apaneling.com New York, NY 10022

Supplier of hand-carved & deep-sculpted wood moldings, capitals, fireplace mantels, doors & ornament: walnut, cherry, mahogany, oak, maple & poplar. Write in No. 6490

#### **Architectural Pottery**

888-ARCH-POT; Fax: 714-898-5109 www.archpot.com Midway City, CA 92655

Importer of handcrafted Italian & Greek statuary & other items: terra-cotta urns & ornament; hand-carved Italian limestone & English-style stone reproductions; balustrades, columns, benches, bollards, fountains & trash receptacles.

Write in No. 20



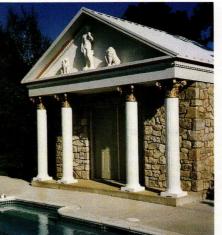
Architectural Pottery offers columns made of fiberolass and concrete.

#### **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, wroughtiron components, balustrading, door hardware, lighting, ceiling tile, furniture & cabinet components & more.

Write in No. 1088



Outwater supplied these fluted columns with gold-leaf Corinthian capitals.

#### **Architectural Reproductions** by Timeless

800-665-4341; Fax: 770-205-1447 www.timelessarchitectural.com Cumming, GA 30041

Manufacturer of architectural ornament: exterior fiberglass columns, decorative capitals, pilasters, balustrades & more; interior columns & capitals; polyester resin, fiberglass & cultured marble composite; custom casting.

Write in No. 1414



This Roman Corinthian decorative capital sits on a 30-ft.-tall fluted column by Architectural Reproductions by Timeless.

#### **Architectural Reproductions, Inc.**

888-440-8007; Fax: 503-281-6926 www.archrepro.com Portland, OR 97227

Custom fabricator of cast-stone facade & cornice elements: columns, capitals & balustrades; uses both traditional cementbased casting methods & lightweight GFRC techniques; terra cotta substitutes. Write in No. 6130

#### **Architectural Stone Masonry**

604-852-9662; Fax: 604-850-9062 www.stonemasonsarch.com Abbotsford, British Columbia, Canada V3G 3C1

Fabricator of custom natural-stone products: mantels, stairways, balustrades, Classical columns, exterior wall cladding in smooth & split-face textures, crown moldings & profiled window & door treatments; limestone & sandstone.

Write in No. 1656

#### Aristone Designs, Inc.

800-369-8118; Fax: 480-967-1181 www.aristonedesigns.com Tempe, AZ 85281

Manufacturer of precast products: columns, mantels, molding, trim & balustrades; concrete, plaster & GFRC; custom colors & finishes; stock & custom work; in-house moldmaker; since 1964. Write in No. 1555

www.balmer.com Toronto, Ontario, Canada M2J 1S5

Aristone's precast fluted Corinthian columns are available in concrete or GFRC for exterior applications.

#### **Balmer Architectural Mouldings**

416-491-6425; Fax: 416-491-7023

Supplier & installer of moldings, cornices, domes, mantels, columns & capitals: cast in gypsum & polyurethane-based materials; more than 12,000 patterns; custom pattern making.

Write in No. 3159

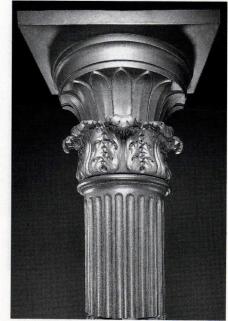


Balmer Architectural Mouldings supplied this Renaissance capital, model #C208, as well as the fluted pilaster.

#### **Boston Valley Terra Cotta**

716-649-7490; Fax: 716-649-7688 www.bostonvalley.com Orchard Park, NY 14127

Custom fabricator of architectural terracotta products: roof tile & Terraclad (rain-screen system); columns/capitals, cornices, balustrades, garden sculpture & chimneys; standard & custom shapes & colors; replacements & new designs. Write in No. 160



Boston Valley custom manufactures columns for restoration and new construction.

#### Campbellsville Industries, Inc.

800-467-8135; Fax: 270-465-6839 www.cvilleindustries.com Campbellsville, KY 42718

Manufacturer & installer of architectural metalwork: steeples, cupolas, clock towers, finials, weathervanes, dormers, cornices, crosses, columns, balustrades, picket & paneled railings; aluminum, copper, zinc & lead-coated copper.

Write in No. 2730



This modified Corinthian capital, manufactured by Campbellsville Industries, can be paired with 12-in. columns.

#### **Cantera Especial**

800-564-8608; Fax: 818-907-0343 www.cantera-especial.com Pacific Palisades, CA 90272

Custom hand carver of natural-stone products made from limestone, cantera, adoquin, travertine, marble & sandstone quarried in Europe & Mexico: fireplaces, fountains, columns, balustrades, molding & sculpture.

Write in No. 31



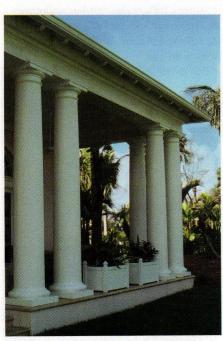
This Yucatan limestone capital was custom fabricated by Canterland of Mexico.

#### **Canterland of Mexico**

800-564-8608; Fax: 818-907-0343 www.canterlandmex.com Pacific Palisades, CA 90272

Factory-direct manufacturer of Yucatan limestone products: fountains, mantels, balustrades, stairs, columns, countertops & more; in Coquina, Ticul & Crema Maya stone.

Write in No. 1825



These Plain Authentic Replication columns with Tuscan capitals from Chadsworth Columns measure 16 in x 10 ft.; they were used throughout The Ocean Club on Paradise Island in the Bahamas.

#### **Chadsworth Columns**

800-486-2118; Fax: 919-778-5177 www.chadsworth.com Wilmington, NC 28401

Manufacturer of authentically correct architectural columns: complete line of columns, piers, pilasters & posts for interior & exterior use; variety of sizes, styles & materials, including wood; more than 20 years.

Write in No. 1898

#### Columns.com

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

Internet distributor & web-based mall for architectural products: columns, pilasters, decorative capitals, moldings, balustrades & pergola kits; can rate & compare various manufacturers; job-site delivery, worldwide shipping.

Write in No. 1899

#### **DeAngelis Iron Work, Inc.**

888-676-4766; Fax: 508-238-7757 www.deangelisiron.com South Easton, MA 02375

Custom fabricator & installer of ornamental metalwork: fences, gates, columns, capitals, benches & more; cast & wrought iron, bronze, brass, aluminum, stainless steel & more; roofing.

Write in No. 1023

#### **Decorators Supply Corp.**

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

Supplier of period architectural elements: ceiling medallions, mantels, cornices, columns & capitals; plaster of Paris, compo & wood; 14,000 patterns available.

Write in No. 210



Replicas of thousands of designs, such as this Ionic Renaissance capital, are included in the catalog of products offered by Decorators Supply.

#### Fagan Design & Fabrication, Inc.

203-937-1874; Fax: 203-937-7321 www.fagancolumns.net West Haven, CT 06516

Manufacturer of columns & turnings: stain grades in any wood species; Classical orders; stock & custom; worldwide supplier.

Write in No. 8210



These fluted Roman Doric columns, matching pilasters and carved moldings are the work of Fagan Design.

#### Fiberglass Specialties, Inc.

800-527-1459; Fax: 903-657-2318 www.fsiweb.com Henderson, TX 75653

Manufacturer of FRP steeples, domes & cupolas: dozens of stock sizes & components; fiberglass & custom baptismal fonts; columns & balustrades; design department assists with custom requirements.

Write in No. 7310

#### Flex Moulding, Inc.

800-307-3357; Fax: 201-487-6637 www.flexiblemoulding.com Hackensack, NJ 07601

Supplier of moldings & polymer ornament: ceiling medallions, spot decorations, capitals, simulated wood carvings & more; rigid & flexible polyester; restoration casting; window trim; custom casting & moldmaking capabilities.

Write in No. 4900

#### **Goodwin Associates**

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

Supplier of architectural products: cornice moldings, columns, capitals, balustrades, door & window surrounds, ceiling medallions, niches, domes, brackets, corbels, mantels & more; polyurethane, FRP & hardwood millwork.

Write in No. 806

#### Haddonstone (USA), Ltd.

856-931-7011; Fax: 856-931-0040 www.haddonstone.com Bellmawr, NJ 08031

Manufacturer of Classical stonework: columns, balustrades, benches, planters, urns, pavers, fountains, gazebos, mantels, statuary & more; cast, reconstructed limestone resembling Portland stone; more than 500 designs.

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: doors, windows, hardware, stairs, balustrades, registers, fences, lighting, gutters, columns, weathervanes, planters & more; iron, bronze, aluminum & steel; restoration services.

Write in No. 1210

#### Josef's Art Woodturning & Son

877-JAWSINC; Fax: 516-489-3148 www.jawsinc.com Hempstead, NY 11550

Manufacturer of structural & decorative columns: interior & exterior applications: rope, fluted & reeded; carved custom & stock capitals, moldings, carved components, posts, balusters, legs, dowels, rosettes, finials & more.

Write in No. 1564

#### Klitsas, Dimitrios -Fine Wood Sculptor

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

Wood carver: capitals, newel posts, furniture (all periods), fireplace mantels, stairs, moldings & other specialty carvings; variety of wood species.

Write in No. 7380



This decorative capital was custom carved by Limestone Concept.

#### Limestone Concept, Inc.

310-278-9829; Fax: 310-278-9651 www.limestoneconcept.com Gardena, CA 90249

Custom fabricator & distributor of limestone items: fireplaces, fountains, columns, capitals, balustrades, mantels, benches, ornament, garden statuary, sculpture, planters & urns; French limestone slabs & tile; antique terra cotta.

Write in No. 5390

#### Manor Style, Inc.

800-325-2188; Fax: 443-200-0010 6741 Whitestone Rd. Baltimore, MD 21207

Custom fabricator & nationwide supplier of architectural elements: Durastyl & AZEK PVC square columns, newels, panels, arches, trellis & trim; load-bearing fiberglass columns & capitals; preformed balustrading; free literature.

Write in No. 703



Manor Style's fiberglass columns with Corinthian capitals separate the hallway from the seating area in this building.

#### Michael A. Dow - Woodcarver

207-363-7924; Fax: Same as phone www.archcarving.com York, ME 03909

Custom wood carver: any style & wood; architectural, ornamental, furniture, mantels & nautical carvings; molding, capitals & signage; wood turnings, model making & antique carving restoration.

Call for more information.



This 1x1-ft. wood capital was hand carved by Michael A. Dow.

Michael A. Doi



# CHADSWORTH COLUMNS www.columns.com

277 NORTH FRONT STREET • HISTORIC WILMINGTON, NORTH CAROLINA 28401 • 800 486 2118 • TELEFAX 010 762 2101

#### FAGAN DESIGN

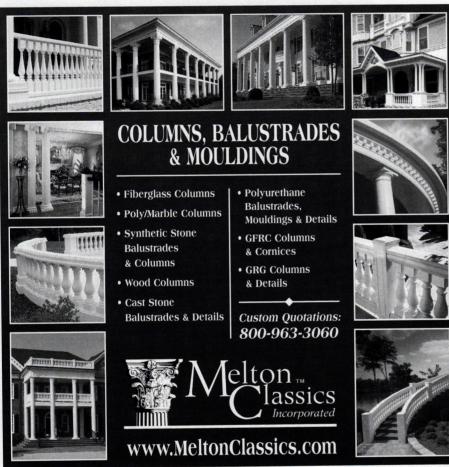
A complete line of architectural columns and turnings. Our columns can be based on your designs — or the traditional orders of architecture.

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** 



WRITE IN NO. 4100

## ARCHITECTURAL FIBERGLASS CORP.

CORNICE SPECIALISTS • Standard & Custom Shapes
 • Cupolas • Domes • Terra Cotta Replacement • Columns & Pilasters
 • Balustrades & Fascias • Cornices • Balcony Replacement



Exact Duplication
 Landmark Projects
 Class 1 Fire Retardant
 Light Weight
 Corrosion Resistant
 Water
 Rot Proof
 Molded-In Color
 Finish
 Easy to Install
 Cost Efficient

MOLDED FIBERGLASS FOR RESTORATION & NEW CONSTRUCTION Call or Write for Free Consultation

1395 Marconi Blvd., Copiague, NY 11726 (800) 439-2000 FAX (631) 842-4790 e-mail: sales@AFCornice.com web: www.AFCornice.com

WRITE IN NO. 6400



The internet marketplace for historical products & services

#### 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



# CHADSWORTH COLUMNS

Congratulates the 2007

Richard H. Driehaus Award Recipient:

## JAQUELIN T. ROBERTSON

New York, NY

For his contribution to the field of traditional and classical architecture

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

#### FINIALS

For gates, fenceposts, balustrades...

Distinctive wood finials in classic profiles



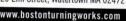
Send \$1.00 for a brochure or visit our website

#### **BOSTON TURNING WORKS**



617 924-4747 phone 617 924-4949 fax

120 Elm Street, Watertown MA 02472





#### www.traditionalbuilding.com

Internet gateway to historical products



Traditional Building maintains the central Website for historical products and services on the Internet. There's more information and links to historical products than you'll find on any other site.

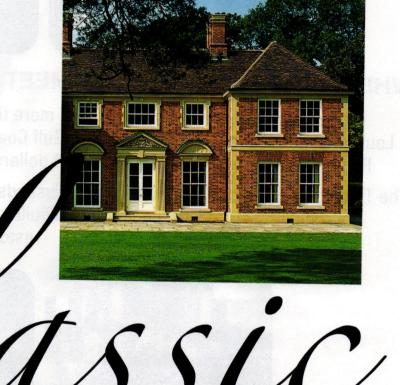
#### AMONG THE FEATURES

- Product database with 255 product categories
- ■727 companies listed and indexed in the product database
- 276 Online product brochures
- Links to 673 companies and related organizations
- In-depth product report of the month

Log onto and then bookmark:

www.traditionalbuilding.com Art lasts long, life is short.

Hippocrates 460-377BC



Choose Haddonstone cast stonework, and you can be sure it will make a lasting impression. Whether it's a column, a balustrade, a door surround or a quoin it will be both elegant and permanent.

For details of our extensive cast stone range, contact us for our 200 page catalog. We even offer a CD Rom which contains our full catalog, technical specification sheets, assembly advice, CAD drawings and video.

We also pride ourselves on our custom architectural cast limestone designs. If you can imagine it, we can make it  $\sim$  and it will always be an enduring classic.



Visit us at www.haddonstone.com













Haddonstone (USA) Ltd, 201 Heller Place, Bellmawr, NJ 08031 Tel: 856 931 7011 Fax: 856 931 0040 info@haddonstone.com





Restore. Rebuild. Revitalize.

# **DISCOVER...**

hundreds of historically-accurate products.







#### WHERE THE MARKETPLACE MEETS FOR TRADITIONAL PRODUCTS AND SERVICES

Hurricanes Katrina and Rita destroyed more than 200,000 homes and 18,000 commercial and public buildings in Louisiana, and countless more along the Gulf Coast. But through the resolve of citizens, leadership from the Louisiana Recovery Authority (LRA) and billions of dollars in funding, the region is poised to come back stronger than ever.

The Traditional Building Show will teach thousands of architects, builders, developers, and homeowners how to preserve the region's historic character while rebuilding. Learn about traditional design and historic architecture as we restore, rebuild and revitalize.







# FREE Admission to the Exhibits!

The Traditional Building Exhibition and Conference offers FREE admission to the exhibit hall when you pre-register before October 7, 2007 at www.traditionalbuildingshow.com. Or, as our special guest, bring this ticket with you to register onsite.

#### **EXHIBIT HALL HOURS**

ERNEST N. MORIAL CONVENTION CENTER, NEW ORLEANS, LA.

THURSDAY | October 18 | 11:00am - 5:00pm

FRIDAY | October 19 | 11:00am - 5:00pm

**SATURDAY** | October 20 | 11:00am - 4:00pm

800.982.6247 • info@restoremedia.com • www.traditionalbuildingshow.com





# CHADSWORTH COLUMNS

Congratulates the Institute of

Classical Architecture & Classical America

2007 Arthur Ross Award Recipients

Michael G. Imber, San Antonio, TX ARCHITECTURE

Acanthus Press, New York, NY **PUBLISHING** 

The Rambusch Company, Jersey City, NJ ARTISANSHIP

World Monuments Fund, New York, NY STEWARDSHIP

Peter Hodson, Portsmouth, UK **EDUCATION** 

Robert A. M. Stern, New York, NY BOARD OF DIRECTORS HONOR

To learn more about the ICA&CA please visit www.classicist.org

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

#### CUSTOM and PRODUCTION TURNINGS SPECIALIZING IN VICTORIAN DESIGNS and CLASSIC COLUMNS



Porch posts, newels, balusters, columns and more...

We offer a complete range of architectural turnings incorporating design authenticity, skilled craftsmanship, and quality materials.

available in decay- and termite-resistant clear heart Redwood.

Interior turnings are also available in fine hardwoods.

For your catalog please send \$6.00. No charge to designers, architects, builders and dealers when requested on company letterhead.

## PAGLIACCO TURNING & MILLING

WOODACRE, CA 94973-0225 415 488-4333 FAX 415 488-9372 WWW.PAGLIACCO.COM

WRITE IN NO. 7070

#### **NEW YORK FINE WOOD TURNING** CUSTOM MADE BALUSTERS AND NEWELS · CUSTOM MADE COLUMNS · CARVINGS · ANY TYPE OF WOODTURNINGS . WE CAN DUPLICATE ANY WOODTURNING AS PER YOUR PROTOTYPE 21 GRATTAN STREET BROOKLYN, NY 11206 TEL: 718 456 2227 FAX: 718 456 9807 WWW.NYWOODTURNING.COM CALL FOR A FULL CATALOG

WRITE IN NO. 87

#### TRADITIONAL BUILDING **Exhibition and Conference**



#### **Mark Your Calendar!** October 17-20, 2007

Ernest N. Morial Convention Center New Orleans, LA

Restoring the Past. Building the Future. www.traditionalbuildingshow.com

#### **ARCHITECTURAL** PRECAST PRODUCTS



- Gazebos Balustrades Pavers Columns • Fountains • Wallcaps
- Stair Treads
   Quoins
   Fireplace Mantels and Much More ...

Custom Specialists Since 1979

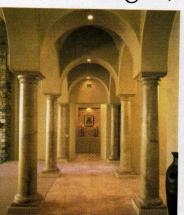
#### A & M VICTORIAN **DECORATIONS, INC.**

241 Chico Avenue South El Monte CA 91733 (800) 671-0693 • (626) 575-1781

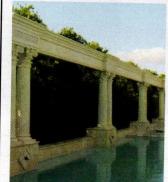
www.aandmvictorian.com







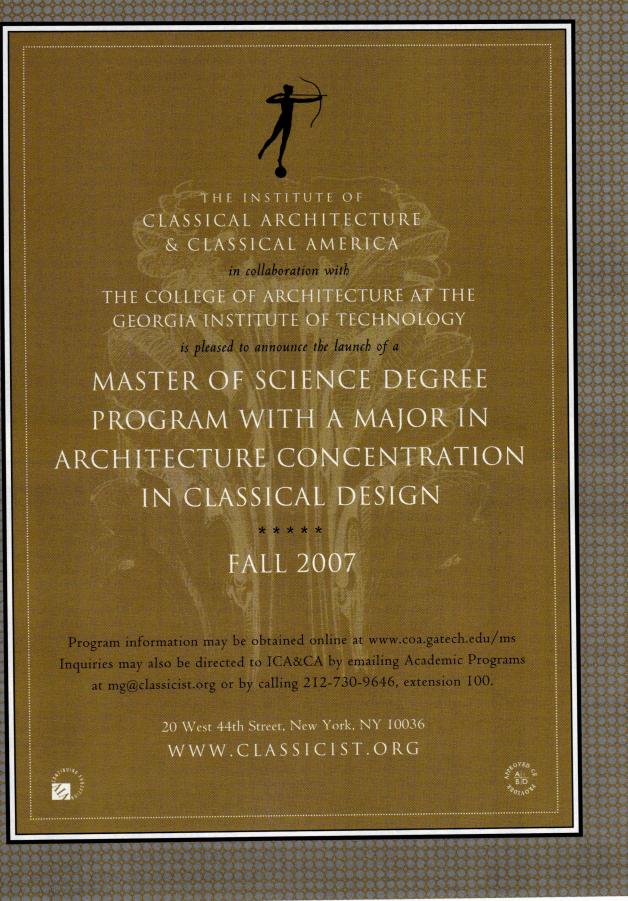




Since 1964 Aristone® has been producing high quality precast products in concrete, plaster and GFRC. We offer a full line of products including columns, mantels, balustrade and trim. All products are available in various colors and finishes.

Custom reproductions and original designs can be produced by our mold shop to your specifications. Aristone® now features Turncraft® columns in FRP (Fiberglass Reinforced Polymer)

Shipping Nationwide 1615 E.Weber Dr., Tempe AZ 85281 480-967-3035/1-800.369.811 fax 480-967-1181 www.aristonedesigns.com



WRITE IN NO. 1340

# restoration & new construction



www.traditional-building.com

# NEW! PRODUCT LITERATURE ONLINE

The fastest way to get supplier catalogs

This issue's "Free Product Literature" Form is now online. Literature requests are E-Mailed directly to advertisers for fastest action. To use this online service:

- Log onto www.traditionalbuilding.com
- Click on "Free Product Literature"
- Select "Issue Product Literature Card"

www.traditionalbuilding.com

Product Information Online

When contacting companies you've seen in the issue, please tell them you saw their listing in Traditional Building.





# Chadsworth Columns

Congratulates the 2007 Palladio Award Recipients:

Winners for commercial, institutional and public work:

#### **Hartman-Cox Architects**

For the restoration of the Donald W. Reynolds Center For American Art & Portraiture, Smithsonian Institution, Washington, DC

#### **Commonwealth Architects**

For the adaptive reuse of a 1919 car dealership as an office and retail space in Richmond, VA

Hanbury Evans Wright Vlattas + Company & Shepley Bulfinch Richardson & Abbott For the design of the new Barrett Library at Rhodes College, Memphis, TN

Winners for residential work:

#### **BKSK Architects LLC**

For the restoration of a High Victorian residence in Riverdale, NY

#### John Simpson & Partners & Zivkovic **Associates Architects**

For an addition to the Carhart Mansion, New York, NY

#### Christine G. H. Franck, Inc.

For the design of the new Chadsworth Cottage, Figure Eight Island, NC

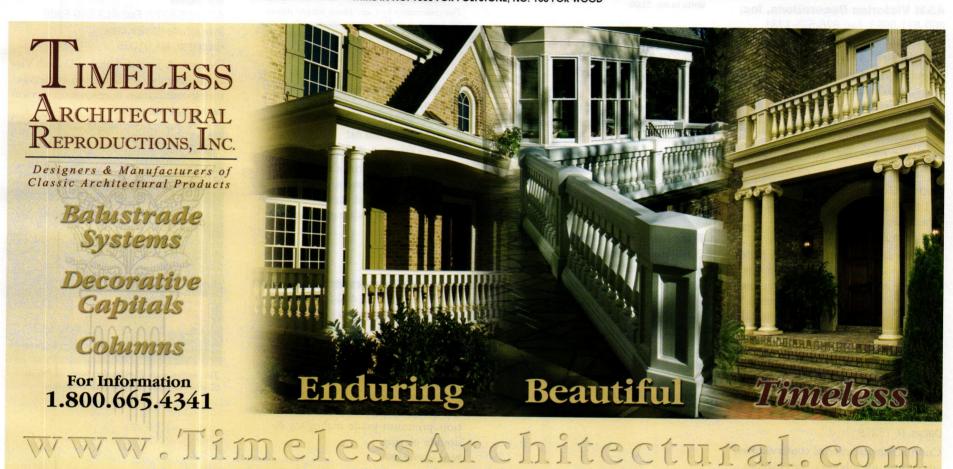
#### Albert, Righter & Tittmann Architects, Inc.

For the design of the new Harborview House, Northeast Harbor, ME

Archer & Buchanan Architecture, Ltd.

For a private museum in Chester County, PA

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



WRITE IN NO. 1414





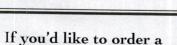
**Finials Balusters Newel Posts Porch Posts** Columns **Table Legs** 

**Custom Turning Services** 



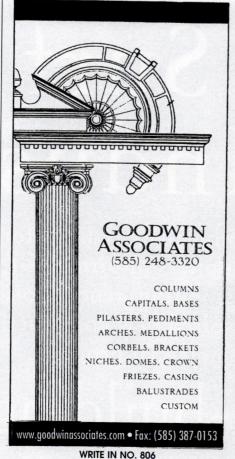
617 924-4747 phone 617 924-4949 fax 120 Elm Street, Watertown MA 02472

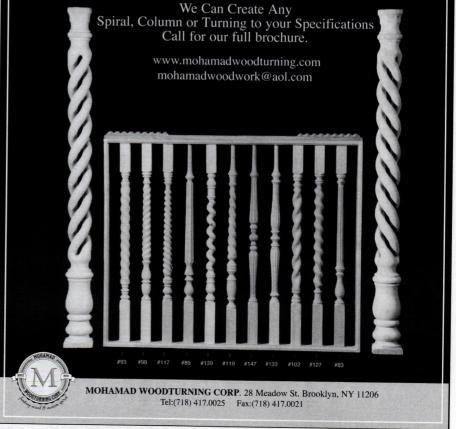






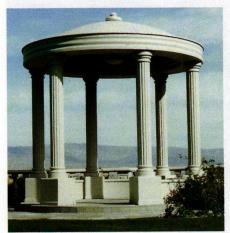
subscription for a colleague, just call 800-548-0193





# **Custom Conservatories & Outbuildings**

To order product literature, go to www.traditional-building.com 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. 9930**.



The model #GA1 gazebo from A&M Victorian Decorations measures 10 ft. in dia.

#### **A&M Victorian Decorations, Inc.**

800-671-0693; Fax: 626-575-1781 www.aandmvictorian.com South El Monte, CA 91733

Manufacturer of architectural elements: molding, columns, balustrades, wall caps, coping, fountains, planters, gazebos & more than 70 styles of mantels; gypsum & cast stone; custom designs.

Call for more information.

#### **Authentic Provence, Inc.**

561-805-9995; Fax: 561-805-5730 www.authenticprovence.com West Palm Beach, FL 33401

Importer & distributor of antique handcarved stone garden ornament: French limestone & Italian marble; antique gates, wrought-iron & wood gates & trellis; hand-sculpted fountains, plaques, terracotta planters, gazebos & pavilions. Write in No. 8163

#### Classy Glass Structures

972-221-0445; Fax: 972-219-0348 P.O. Box 794041 Dallas, TX 75379

Custom manufacturer of conservatories, arboretums, greenhouses, glass gazebos,

pool & hot-tub rooms, skylights, barrel vaults, glass walls & screen rooms: all sizes, shapes, colors & finishes; lifetime no-leak warranty.

Write in No. 1254

#### Columbia Equipment Co., Inc.

800-742-1297; Fax: 718-526-4110 www.columbiaequipment.com Jamaica, NY 11433

Manufacturer of prefabricated aluminum passenger shelters, smoking shelters, bus shelters, kiosks, benches & related street furniture: variety of standard & custom designs; streetscape improvement models; outbuildings.

Write in No. 3105

#### **Country Carpenters, Inc.**

860-228-2276; Fax: 860-228-5106 www.countrycarpenters.com Tolland, CT 06084

Manufacturer of pre-cut, New Englandstyle post-&-beam carriage houses: garden sheds & country barns; pre-cut, pre-engineered building kits; cupolas; family owned & operated since 1974; catalog \$5.

Write in No. 1439

#### Florentine Craftsmen, Inc.

800-876-3567; Fax: 718-937-9858 www.florentinecraftsmen.com Long Island City, NY 11101

Manufacturer of garden ornament & other ornamental metalwork & stonework: freestanding & wall-mounted fountains, statuary, urns, planters, wrought-iron gazebos, furniture & more; weathervanes; cast stone, cast aluminum & lead.

Call for more information.

#### Glass House, LLC

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

Custom fabricator of conservatories & glass-roof systems: glass domes, skylights & solariums; ornamental metal features, custom trim enhancements, copper cladding, true-divided-lite sash & doors; many glazing options.

Write in No. 1870



This conservatory by Glass House features custom details such as molding, gutters, downspouts, cresting and finials, leaded glass, French doors, interior ornamental eave bracketry and tension rods.

#### Mueller Ornamental Iron Works, Inc.

847-758-9941; Fax: 847-758-9945 www.ornamentaliron.net Elk Grove Village, IL 60007

Designer & fabricator of ornamental metalwork: doors, fences, gates & stairs; cast iron, forged steel, stainless steel, aluminum & bronze; restoration services; custom work.

Write in No. 229

#### Oak Leaf Conservatories of York

800-360-6283; Fax: 404-250-6283 www.oakleafconservatories.com Atlanta, GA 30327

Designer, custom fabricator & installer of authentic British conservatories, orangeries, garden rooms, pool/spa enclosures & glass domes: handcrafted in England; mortise-&-tenon construction, premium-grade mahogany & double glazing.

Write in No. 6860



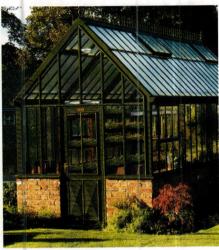
Fabricated by Oak Leaf Conservatories, this conservatory includes custom features such as fluted molded columns and beveled leaded glass.

#### Private Garden Greenhouse Systems

413-566-0277; Fax: 413-566-8806 www.private-garden.com Hampden, MA 01036

Designer & manufacturer of English Victorian greenhouses & custom conservatories; consultation & renovation services.

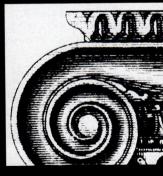
Call for more information.

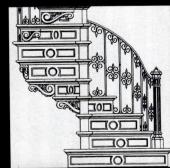


This custom-made Hartley glass house by Private Garden has tempered safety glass throughout.









# Surf the Industry

Online data & links for more than 673 suppliers of products & services for restoration, renovation and historically inspired new construction for civic & commercial projects.

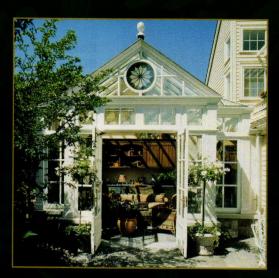
www.traditional-building.com



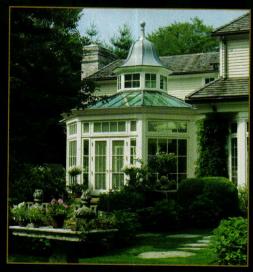
BESPOKE CONSERVATORIES, ORANGERIES, GARDEN ROOMS AND GLASS DOMES

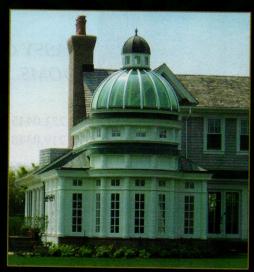












CREATE A WORLD OF YOUR OWN...

Unsurpassed in artistry, quality and craftsmanship, each one is individually designed to reflect existing architectural detail and bring your individual vision to life.

For more examples to inspire and delight, please contact us to receive our brochure (\$10)

OAK LEAF CONSERVATORIES LTD, YORK, ENGLAND

usa office: 1-800-360-6283 www.oakleafconservatories.com

#### **Renaissance Conservatories**

800-882-4657; Fax: 717-661-7727 www.renaissanceconservatories.com Leola, PA 17540

Designer, manufacturer & installer of traditional old-world conservatories, greenhouses, garden follies, pool enclosures, area skylights, roof lanterns, domes & garden windows: handcrafted mahogany components; custom designs.

Write in No. 378



Renaissance Conservatories custom designs and constructs conservatories in mahogany, reduvod and cedar framing.

#### Robinson Iron Corp.

800-824-2157; Fax: 256-329-8960 www.robinsoniron.com Alexander City, AL 35011

Designer & installer of custom metalwork: fountains, columns, fences, railings, sculpture, benches, grilles, cupolas, street lighting & more; wrought iron/ steel, aluminum, bronze & cast iron; historical restoration.

Write in No. 3240



Working from photographs, Robinson Iron Corp. recreated the original subway entrance at Astor Place in New York City.

#### Rossato Giovanni, srl/ Vicenza Stone Sculpture

011-39-0444-928499; Fax: 011-39-0444-928711 www.vicenzastone.com 36100 Vicenza, Italy MVI 002134

Fabricator of handmade sculpture: Classical statues, fountains, columns, benches, vases, planters, putti, urns, wells, statuary & more; gazebos; made of Vicenza stone to last for centuries. Write in No. 6110

#### Steptoe & Wife Antiques Ltd.

800-461-0060; Fax: 416-780-1814 www.steptoewife.com Toronto, Ontario, Canada M6B 1V9

Fabricator of architectural metalwork: spiral & straight staircases, railings, capitals, gates, grilles & gazebos; copper, iron, aluminum, steel, brass & bronze fabrication for renovation & restoration projects; tin ceilings in Canada only.

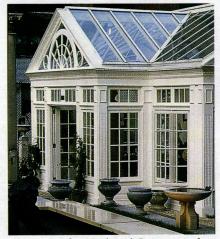
Write in No. 470

#### **Tanglewood Conservatories**

410-479-4700; Fax: 410-479-4797 www.tanglewoodconservatories.com Denton, MD 21629

Manufacturer of handcrafted conservatories, greenhouses, gazebos, roof lanterns, cupolas & pool enclosures: Honduras mahogany; custom designs; fully engineered with stamped shop drawings; storefronts.

Write in No. 8270



This structure from Tanglewood Conservatories features a Palladian-style fixed window over the entryway and multi-lite glass panels.

#### Under Glass Mfg. Corp.

845-687-4700; Fax: 845-687-4957 www.underglassusa.com High Falls, NY 12440

Manufacturer of aluminum & glass greenhouses, solariums & sunrooms: curved or straight eaves & slim glazing bars to channel condensation; standard & custom models; lean-to & even span, attached or freestanding.

Write in No. 3510



This greenhouse was designed by Under Glass, the exclusive manufacturer of the original Lord & Burnham greenhouses and solariums.

#### **Walpole Woodworkers**

508-668-2800; Fax: 508-668-7301 www.walpolewoodworkers.com Walpole, MA 02081

Manufacturer of fencing, gates, arbors, furniture, gazebos, sheds & garden amenities: large selection of handcrafted cedar lamp posts; wide variety of post- & sidemount lanterns; many styles.

Write in No. 280

#### **Wiemann Ironworks**

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

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, gates, balustrades, lighting, fences, furniture, doors & fixtures; cast & wrought iron, bronze & aluminum; CAD services.

Write in No. 1223

# \*Classy Glass® Structures\*



ENJOY...

The BEAUTY of

nature in the

comfort and peace

of our Custom

CLASSY GLASS ROOMS...

972.221.0445 phone 972.219.0348 fax

WRITE IN NO. 1254

# www.lordandburnham.com Elegance & Function



The tradition of fine quality greenhouses from



For our COLOR CATALOG Please send \$3.00 and the coupon below.

#### UNDER GLASS MFG. CORP.

P. O. Box 81 High Falls, NY 12440 (845) 687-4700 Fax: (845) 687-4957 www.underglassusa.com

Name\_\_\_\_\_\_Address\_\_\_\_\_\_City\_\_\_\_\_\_Zip\_\_\_\_\_Phone\_\_\_\_\_

WRITE IN NO. 3510









Surf the Industry

Online data & links for more than 673 suppliers of products & services for restoration, renovation & historically inspired new construction for civic & commercial projects.

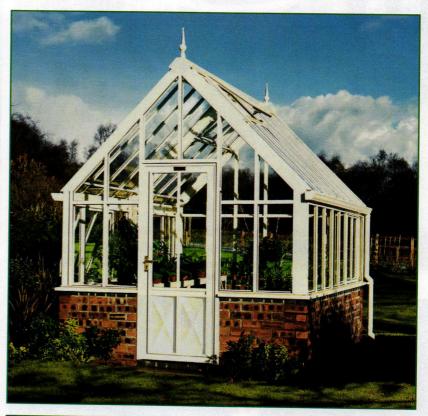
www.traditional-building.com



# THE ESSENTIAL ENVIRONMENT FOR PLANTS AND PEOPLE









A HARTLEY GREENHOUSE IS THE NATURAL CHOICE OF PROFESSIONAL, LAND OWNERS AND ENTHUSIASTS. IT CREATES AN ENVIRONMENT WHERE THE VICTORIAN VISION OF UTILIZING DIVERSE AND UNPREDICTABLE CLIMATES TO THE FULLEST AND GLORIFYING OUR HOMES AND GARDENS IS MOST FULLY REALIZED. OUR NAME HAS REMAINED SYNONYMOUS WITH ENDURING STYLE AND EXCELLENCE FOR OVER 60 YEARS, AND IS UNIQUELY RECOGNIZED BY ONE OF THE MOST RESPECTED AND PRESTIGIOUS AUTHORITIES, THE ROYAL BOTANIC GARDENS KEW.



GROWING RANGES + GARDEN CENTERS + VICTORIAN GLASSHOUSES + WINTERGARDENS + CONSERVATORIES + ORANGERIES + GLASS ENCLOSURES

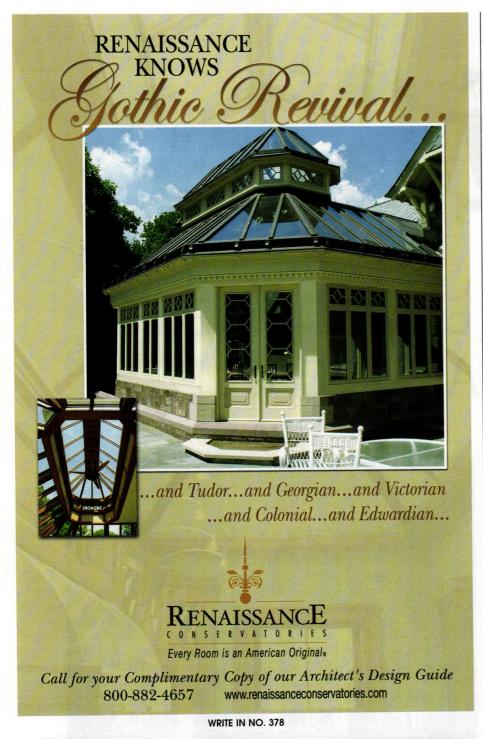
PRIVATE GARDEN

FOR FUTHER INFORMATION CALL 1-413-566-0277
OR VISIT HTTP: //WWW PRIVATE-CARDEN COM

OR VISIT HTTP://WWW.PRIVATE-GARDEN.COM

PRIVATE GARDEN P.O. BOX 600 36 COMMERCIAL DRIVE HAMPDEN MA 01036







WRITE IN NO. 1870



# 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



# Honoring Excellence in Commercial & Civic Design

Co-produced by

Traditional Building & Period Homes and the

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 30,000 sq.ft.
- New Design & Construction more than 30,000 sq.ft.
- Public Spaces: Parks, Plazas, Gardens, Streetscapes

Corresponding awards will also be awarded for residential projects.

Judging will be by a panel of distinguished architectural designers selected by the editors of *Traditional Building* and *Period Homes*.

The deadline for entries is November 15, 2007.

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

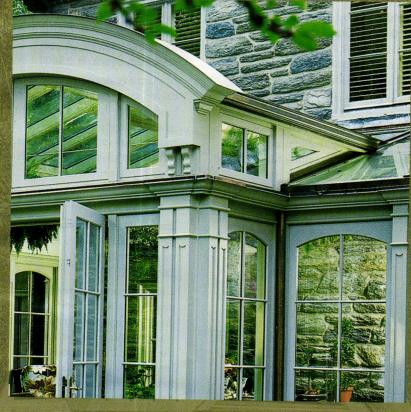
www.palladioawards.com

# TANGLEWOOD CONSERVATORIES

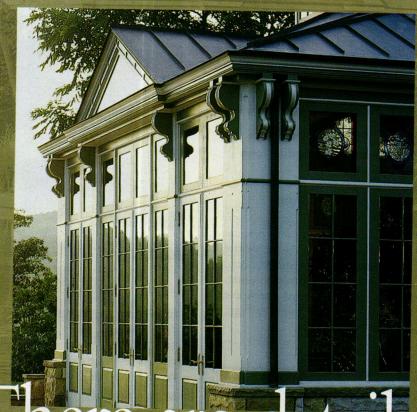
Skylights

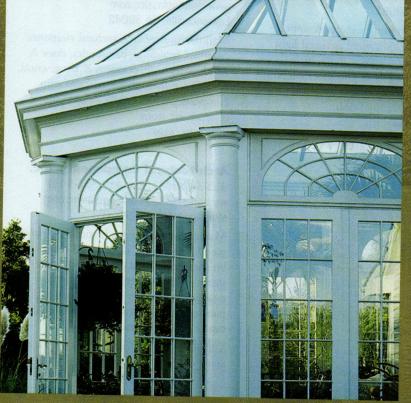
Conser vator ies

Domes









here are details, and then there are details.

We're all about the latter.

www.tanglewoodconservatories.com

800.229.2925

Mention Code JUNE 2007

# **Custom Doors, Windows, Shutters & Hardware**

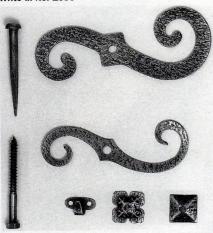
To order product literature, go to www.traditional-building.com and click on "Free Product Literature" or fill out the card at page 34. To order literature from all of the companies listed here, enter No. 9931.

#### **Acorn Forged Iron**

508-339-4500; Fax: 508-339-0104 www.acornmfg.com Mansfield, MA 02048

Supplier of forged-iron & forged stainless-steel decorative hardware: cabinet, shutter, gate & interior & exterior door hardware; cast-iron registers & grilles; hand-forged bath accessories; handforged decorative-head nails.

Write in No. 1690



Acorn Forged Iron hand forged these 63/4- and 8-in. shutter holdbacks.

#### **Al Bar-Wilmette Platers**

866-819-7324; Fax: 847-251-0281 www.albarwilmette.com Wilmette, IL 60091

Restorer of lighting fixtures & antique hardware: period crystal & metal light fixtures; bronze, brass, copper, nickel, pewter, gold, silver & chrome; matching of existing hardware in restoration projects; will match any finish.

Write in No. 2636



Al Bar-Wilmette restored this ornamental cremone bolt.

#### Allen Architectural Metals, Inc.

800-204-3858; Fax: 256-761-1967 www.allenmetals.com Talladega, AL 35161

Manufacturer of ornamental metal: street amenities, signage, lighting, columns, building components, doors, cupolas, finials, cresting, architectural elements, canopies, bollards, railings & grilles; variety of alloys & finishes. Write in No. 1005

#### **Allied Window, Inc.**

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

Manufacturer & installer of 'invisible' storm windows: custom colors, shapes &

glazing materials; aluminum; protection from UV & vandalism; interior & exterior; commercial & residential applications.

Write in No. 690



Allied Window's HOL-B Historic-One-Lite exterior storm windows were installed on the 4th and Plum building in Cincinnati, OH.

#### **Architectural Columns & Balustrades by Melton Classics**

800-963-3060; Fax: 770-962-6988 www.meltonclassics.com Lawrenceville, GA 30042

Manufacturer of architectural elements: columns, moldings, balustrades, door & window features, cornices & trim; wood, fiberglass, polyurethane, marble/resin composite, GFRC, GRG, cast stone & synthetic stone.

Write in No. 4100

#### **Architectural Components, Inc.**

413-367-9441; Fax: 413-367-9461 www.architecturalcomponentsinc.com Montague, MA 01351

Manufacturer of reproduction & custom wood windows & doors: true-divided lites with insulated glass; wood-framed storm sash & screens; renovation & restoration projects & new construction; paneled walls & storefronts; catalog \$5. Call for more information.



This reproduction 12/12 window with fan was fabricated by Architectural Components.

#### **Architectural Paneling, Inc.**

212-371-9632; Fax: 212-759-0276 www.apaneling.com

New York, NY 10022

Supplier of hand-carved & deep-sculpted wood moldings, capitals, fireplace mantels, doors & ornament: walnut, cherry, mahogany, oak, maple & poplar.

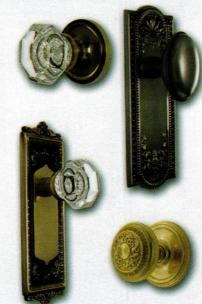
Write in No. 6490

#### **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, wroughtiron components, balustrading, door hardware, lighting, ceiling tile, furniture & cabinet components & more.

Write in No. 1088



Decorative door hardware from Architectural Products by Outwater includes these doorknobs and plates.

#### **Architectural Reproductions** by Timeless

800-665-4341; Fax: 770-205-1447 www.timelessarchitectural.com Cumming, GA 30041

Manufacturer of architectural ornament: exterior fiberglass columns, decorative capitals, pilasters, balustrades & more; interior columns & capitals; polyester resin, fiberglass & cultured marble composite; window trim; custom casting. Write in No. 1414

Sash pulleys from Architectural Resource Center are available in cast brass or bronze in a range of sizes and finishes, and with square or radius ends

#### **Architectural Resource Center**

800-370-8808; Fax: 603-942-7465 www.aresource.com

Northwood, NH 03261

Supplier of door, window & cabinet hardware: awning & window pulleys; cast bronze & brass; custom weights. Write in No. 1670

#### **Authentic Joinery** & Millwork, LLC

404-841-4818; Fax: 404-841-4819 www.afwd-llc.com Atlanta, GA 30327

Supplier of windows & doors: many styles & sizes; various woods; wood flooring & millwork.

Write in No. 1761

#### **Authentic Provence, Inc.**

561-805-9995; Fax: 561-805-5730 www.authenticprovence.com West Palm Beach, FL 33401

Importer & distributor of antique handcarved stone garden ornament: French limestone & Italian marble; antique gates, wrought-iron & wood gates & trellis; hand-sculpted fountains, plaques, terra-cotta planters, gazebos & pavilions; door hardware.

Write in No. 8163

#### **Ball & Ball Hardware**

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

Custom manufacturer & supplier of ornamental metalwork & hardware: door, window, shutter & furniture hardware; fireplace tools; wrought iron, steel, aluminum, bronze, brass, copper & cast iron; custom reproductions.

Write in No. 2930



Ball & Ball fabricates and casts custom hardware

#### **Bill's Custom Metal** Fabrications, Inc.

516-333-3562; No fax www.ironcrafters.com Westbury, NY 11590

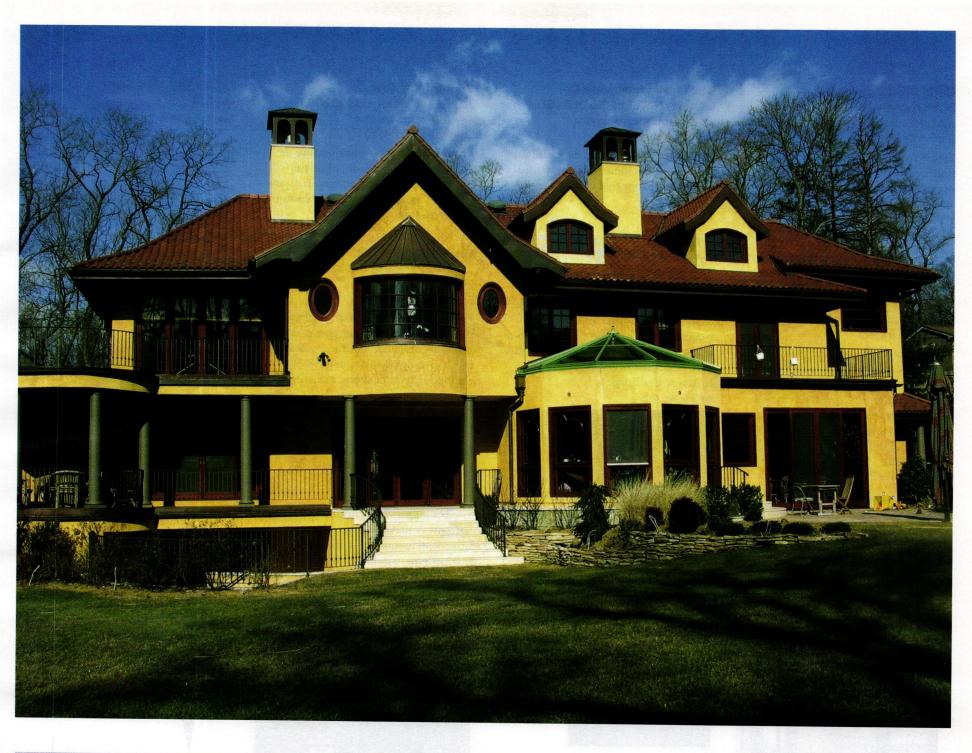
Manufacturer of ornamental metalwork: railings, furniture, fireplace doors, hardware & candelabras; handcrafted & hand forged.

Write in No. 1270

#### **Brothers' Custom Windows** & Doors, Inc.

650-592-9504; Fax: 650-592-9523 www.brotherswindows.com San Carlos, CA 94070

Manufacturer of windows & doors: paneled doors, carved doors & complete entryways; glass & pocketing; all wood species & a large selection of glass; small & large projects.





FENESTRA AMERICA





Wood, Bronze and Aluminum Clad Windows and Doors

800-397-6060 www.fenestra-america.com



With offices in New York, California and Florida

#### Carlson's Barnwood Co.

309-522-5550; Fax: 309-522-5123 www.carlsonsbarnwood.com Cambridge, IL 61238

Supplier of antique barn wood & salvaged materials: planks, beams, dimensional lumber, re-milled flooring & architectural antiques; pine & oak; complete timber frames & barns; salvaged doors, windows & shutters.

Write in No. 2744

#### **Christopher Thomson Ironworks**

505-421-2645; Fax: 505-421-2618 www.ctiron.com Ribera, NM 87560

Designer of hand-forged steel & bronze lighting: chandeliers, sconces, pendants, lanterns & table lamps; Southwestern/rustic & transitional contemporary; UL approved; gates & fireplace tools; wrought-iron door hardware; new designs & custom work.

Write in No. 237

#### **Cityproof Windows**

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

Manufacturer & installer of custom-made interior window systems: aluminum, storm/screen combo, arched & custom shapes; mechanical fastenings; acrylic, lexan, UV-resistant, standard, low-E, tempered, laminated & etched-glass glazing.

Write in No. 2390



This custom interior insulating window system was fabricated by Cityproof.

#### Copper Moon Woodworks

610-434-8740; Fax: 610-434-0230 www.coppermoonwoodworks.com Allentown, PA 18104

Fabricator of custom exterior shutters.



Craftsmen Hardware's large entry Pacific set is model #C001PCF.

#### Craftsmen Hardware Co.

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

Supplier of Arts & Crafts-style hardware: door, window, cabinet & drapery hardware; hand-hammered copper; lighting. **Write in No. 6980** 

Crown City Hardware Co.

626-794-1188; Fax: 626-794-2064 www.crowncityhardware.com Pasadena, CA 91104

Supplier of hardware: casement fasteners & adjusters; sash locks, lifts, balances & weights; screen fasteners & hangers; glass knobs, bin pulls, switch plates & more; iron, brass, glass & crystal; Victorian & Arts & Crafts styles.

Write in No. 432



These back
plates and
matching doorknobs were
manufactured
by Crown City
Hardware.

#### **Custom Shutter Company**

866-531-9918; No fax Montgomery, AL 36117

Custom fabricator of interior & exterior shutters: louvered, panel, board-&-batten, combination & hurricane shutters; basswood, western red cedar, wood composite & PVC/fiberglass; shutter hardware.

Write in No. 1900



Custom Trades International fabricated and finished this radius-head Dutch door.

#### Custom Trades International, Inc.

203-531-3493; Fax: 203-532-9727 www.sorpetalerusa.com Greenwich, CT 06831

Manufacturer of custom wood windows & doors: any species, finish, glazing & hardware; aluminum- & bronze-clad wood window systems; architectural hardware in brass, bronze & more; for residences, institutions & historic properties.

Write in No. 1083

#### **Custom Window Co.**

303-722-0822; Fax: 303-722-1993 www.customwindow.com Englewood, CO 80110

Manufacturer of low-maintenance aluminum window systems: historical replication; residential, commercial, government applications; stock & custom. Write in No. 3043

#### D.J.A. Imports, Ltd.

718-324-6871; Fax: 718-324-0726 www.djaimports.com Bronx, NY 10466

Distributor of architectural metal components: gates, railings, stairs, gate & door hardware, machinery for the metal industry & specialty items; stainless steel & aluminum; reproductions; riveted gates & railings, operators & more.

Write in No. 495

#### **Durable Slate Co., The**

800-666-7445; Fax: 614-299-7100 www.durableslate.com Columbus, OH 43201

Contractor providing historic restoration: slate, tile & metal roofing; exterior metal ornament; restoration of masonry, monuments, doors, windows, interiors, steeples, spires & cupolas; Midwest, East & South regions; since 1986.

Write in No. 3720



In the wake of Hurricane Katrina, The Durable Slate Co. restored and refubished the original windows and doors of the Jesuit High School in New Orleans.

#### E.R. Butler & Co.

212-925-3565; Fax: 212-925-3305 www.erbutler.com New York, NY 10012

Manufacturer of historically accurate, premium-quality hardware for doors, windows & furniture: brass, bronze, nickel silver & wrought iron; complete design selections of Early American period hardware; many finishes.

Write in No. 2260



This traditionally styled, ornate door handle and matching escutcheon are the work of E.R. Butler.

#### European Hardware & Finishes/ Gerber Hinge Co.

800-643-7237; Fax: 818-717-5016 www.gerberhinge.com Canoga Park, CA 91304

Importer & distributor of ornamental hardware: cabinet, door & window; cremone bolts/espagnolettes; iron, bronze

& brass; from France, Italy & England; special finishes upon request.

Write in No. 2540

#### **F2 Industries**

888-895-4224; Fax: 815-895-4214 www.f2industries.com Sycamore, IL 60178

Designer & fabricator of architectural & ornamental metalwork: doors, fences, gates, railings, lighting, sculpture & more; Art Nouveau, Art Deco, French, Italian, Spanish & German styles; restoration services.

Write in No. 1875

#### Fagan's Forge

888-963-0130; Fax: 860-963-0130 www.fagansforge.com Pomfret Center, CT 06259

Supplier of hand-forged door hardware: reproduced from firm's collection of 18th-century wrought-iron latches, hinges, bolts, hooks, pulls & more; strap hinges for barn doors; shutter dogs; iron trammel hooks for fireplace cranes.

Write in No. 1010



The Swordfish latch set from Fagan's Forge is available in two sizes, 13- and 16-in.

#### Fenestra America

800-397-6060; Fax: 718-209-8273 www.fenestra-america.com Brooklyn, NY 11234

Custom fabricator of all-wood & clad-wood windows: double hung, casement, awning & more; special shapes; wood doors.

Write in No. 1548

#### Flex Moulding, Inc.

800-307-3357; Fax: 201-487-6637 www.flexiblemoulding.com Hackensack, NJ 07601

Supplier of moldings & polymer ornament: ceiling medallions, spot decorations, capitals, simulated wood carvings & more; rigid & flexible polyester; restoration casting; window trim; custom casting & moldmaking capabilities.

Write in No. 4900

#### Grabill Windows & Doors

810-798-2817; Fax: 810-798-2809 www.grabillwindow.com Almont, MI 48003

Custom manufacturer of solid-wood, bronze & aluminum-clad windows & doors: lift & slide doors, casements, tilt-turn, European in-swing & historically accurate double-hung windows with weights & pulleys; residential & commercial.

Write in No. 1910



Grabill manufactured these fixed square windows.

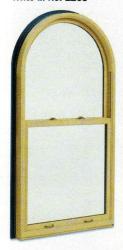


#### **Marvin Windows and Doors**

888-537-8266; Fax: 651-452-3074 www.marvin.com Warroad, MN 56763

Manufacturer of wood windows & doors: clad & clad/wood; special shapes; custom sizes & more than 11,000 standard sizes; historical replicas; interior & exterior storm windows.

Write in No. 1263



Designed for superior performance against air, water and structural infiltration, the Ultimate Double Hung Mangum Round Top windows are available from Marvin in a variety of large sizes and shapes.

#### Master's Metalworks. Inc.

561-718-7588; Fax: 561-686-0009 www.mastersmetalworks.com Boynton Beach, FL 33436

Manufacturer of forged & fabricated custom metalwork: railings, gates & fencing; stairs & stair balustrades; steel doors; interior & exterior lighting.

Write In No. 1897

#### Mueller Ornamental Iron Works, Inc.

847-758-9941; Fax: 847-758-9945 www.ornamentaliron.net Elk Grove Village, IL 60007

Designer & fabricator of ornamental metalwork: doors, fences, gates & stairs; cast iron, forged steel, stainless steel, aluminum & bronze; restoration services; custom work.

Write in No. 229



Custom-manufactured entry doors are a specialty of Mueller Ornamental.

#### **Old Smithy Shop**

603-672-4113; Fax: Same as phone www.oldsmithyshop.com
Brookline, NH 03033

Custom fabricator of hand-forged Early American hardware: Suffolk & Norfolk latches & pulls; pintle strap hinges & H & H-L hinges & cabinet latches; window, gate & barn hardware.

Write in No. 5110



This Early American Dutch door quadrant, available in three finishes with a brass knob, was created by Old Smithy Shop.

#### **Pacific Columns**

800-294-1098; Fax: 714-630-4549 www.pacificcolumns.com Atwood, CA 92811

Supplier of architectural millwork & more: columns, balustrades, wainscoting, door & window trim, metal ceilings & walls, moldings, niches, brackets, medallions, wood carvings & louvers; variety of wood species; urethane millwork.

Write in No. 88

#### **Parrett Windows**

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

Manufacturer of handcrafted custom wood & clad-wood windows: fixed or operating; any geometric shape; numerous wood species; made to exact specifications; complete finishing capabilities; certified & tested; nationwide distribution.

Write in No. 3003



These round-top windows were custom manufactured by Parrett Windows.

#### **Re-View**

816-741-2876; Fax: 816-746-9331 www.re-view.biz N. Kansas City, MO 64116

Manufacturer of historic wood windows: all wood species & glass types; wood- & steel-window restoration; can replicate any historic detail; field installation, abatement & finishing; commercial projects nationwide.

Write in No. 744



In order to preserve William Jewell College's Jewell Hall, located in Liberty, MO, Re-View restored all of the window frames and had the sash replicated with insulated-glass units.

#### Rejuvenation

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

Manufacturer of authentic reproduction lighting: more than 500 interior & exterior styles; painted-glass shades; door & window hardware.

Write in No. 7630

#### **Scottsdale Art Factory**

800-292-0008; Fax: 800-292-0046 www.artfactory.com Scottsdale, AZ 85260

Custom manufacturer of furniture, grand entrance doors, gates, lighting & hard-ware: handmade in exotic woods, stone, copper, iron & leathers; more than nine decades of craftsmanship.

Write in No. 1625



Seekircher Steel Window Repair restored all of the steel windows on the second floor of the Vista House in Oregon.

#### Seekircher Steel Window Repair Corp.

914-734-8004; Fax: 914-734-8009 www.seekirchersteelwindow.com Peekskill, NY 10566

Restorer of steel casement windows & doors: all work done on site; repaired & restored steel windows & doors at Frank Lloyd Wright's Fallingwater; vintage steel casement windows & doors; more than 6,000 windows repaired annually.

Write in No. 3590

#### Sharp Lumber Company, A.G.

800-745-2596; Fax: 330-747-2619 www.sharplumber.com Girard, OH 44420

Full-service architectural millwork & lumber supplier: custom wood & laminate cabinets, custom sash & doors, stock & custom wood moldings & radius trim work.

Write in No. 856



This custom-designed mahogany door was manufactured by Sharp Lumber.

#### Shuttercraft, Inc.

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

Manufacturer of exterior shutters: cedar & mahogany; all sizes; movable & fixed louvers, raised panels, board-&-batten & cut-outs; hinges, holdbacks; interior shutters in poplar, basswood & red oak; painting services.

Write in No. 1321



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

#### The Golden Lion

310-398-2848; Fax: 310-398-0605 www.thegoldenlion.com Los Angeles, CA 90066

Importer of European hardware & accessories in hand-forged iron & bronze: window & door hardware; bronze fountain spouts; traditional & period styles.

Write in No. 115

#### **The Nanz Company**

212-367-7000; Fax: 212-367-7375 www.nanz.com

New York, NY 10013

Designer & manufacturer of period door & window hardware: Gothic, Moderne & other styles; metal finishing; 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 Shutter Depot

706-672-1214; Fax: 706-672-1122 www.theshutterdepot.com Greenville, GA 30222

Supplier of shutters & shutter hardware: 2½-in. movable, raised-panel & fixed louvers; interior & exterior; finished & unfinished; custom & stock.

Write in No. 6830



Shutter Depot supplies both custom and stock shutters as well as shutter hardware.

#### Timberlane Woodcrafters, Inc.

800-250-2221; Fax: 215-616-0749 www.timberlaneshutters.com Montgomeryville, PA 18936

Manufacturer of wood shutters: hand-crafted with mortise-&-tenon, wood-peg joinery; custom built to order; hand-forged period-accurate hardware; for historic preservation, renovation & new home construction; free catalog.

Write in No. 1056



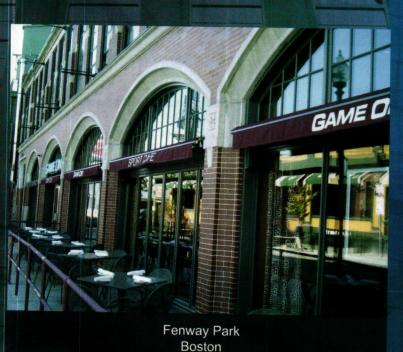
The Nockamixon shutter, model #UB8000, is manufactured by Timberlane Woodcrafters.

# Renovating New England Since 1985



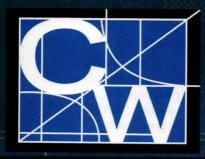
Manchester Street Power Station Providence







Building 149 Charlestown Navy Yard



# Custom Window

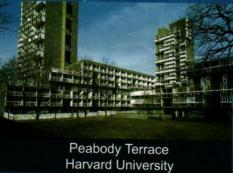
- Historically accurate sightlines
- Extremely high performance ratings
- Competitive pricing and lead times
- True divided lights
- Nearly any custom configuration or die possible
- Self-balanced double-hungs for very large openings
- Thermally improved systems
- Systems meet acoustic and energy requirements
- Custom panning, receptors and sills available

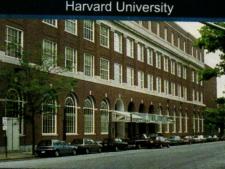


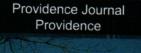
Sales: 877.264.4860 800.255.1820 Fax: 303.722.1993 Sales Fax: 303.225.4960

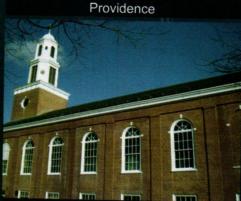
www.customwindow.com infocw@customwindow.com







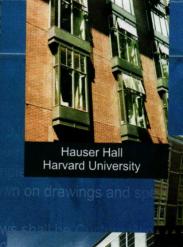


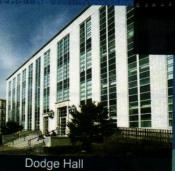


WRITE IN NO. 3043

1st Lutheran

Wilbur Cross University of Connecticut





Northeastern University



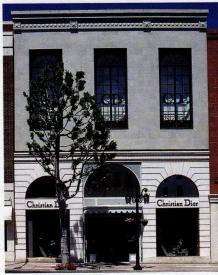
Morgan Hall Harvard University

#### **Torrance Steel Window Co.**

310-328-9181; Fax: 310-328-7485 www.torrancesteelwindow.com Torrance, CA 90501

Custom fabricator of steel casement windows, doors, storefronts & skylights: light-, standard- & heavy-intermediate grades; stock & custom sizes.

Write in No. 8330



Steel casement windows are custom fabricated by Torrance Steel Window to suit any specification.

#### **TrimLine Windows Inc.**

800-213-6100; Fax: 215-674-9324 www.trimlinewindows.com Ivyland, PA 18974

Manufacturer of wood windows: custom colors in all-wood or aluminum-clad exteriors; interior hardwoods in oak, cherry, mahogany & pine; simulated divided-lite profiles; standard or custom architectural shapes.



Victoriana East fabricates storm windows for any vintage-style window.

#### **Victoriana East**

856-910-1887; Fax: 856-910-1884 www.victorianaeast.com Merchantville, NJ 08109

Custom fabricator of storm/screen doors: Victorian, country, Mission & Colonial styles; pine, poplar & oak; custom brackets available; corbels, brackets, lattice & porch parts.

Write in No. 1101

#### **Vintage Woodworks**

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

Manufacturer & supplier of Victorian millwork: wood porch parts, turned posts, turned & sawn balusters, railings, brackets, corbels, custom-length spandrels, screen/storm doors, mantels, wood shingles & more; 144-p. catalog. Write in No. 1061

#### **Vixen Hill Shutters**

800-423-2766; Fax: 610-286-2099 www.vixenhill.com Elverson, PA 19520

Custom fabricator of shutters: blindpocketed & teak-pegged (no glue); oldgrowth red cedar; more than 26 styles; pair sizes to 6x10 ft.; shutter hardware.

Write in No. 1230



This exterior shutter from Vixen Hill is held back with a traditional shutter dog

#### Von Morris Corp.

800-646-6888; Fax: 800-646-8988 www.vonmorris.com Camden, NJ 08102

Supplier of door hardware: bronze, brass & stainless steel; hinges, door locks, lock trim, specialty trim; 20 different hand finishes; custom plating available.

Write in No. 1864

#### Wagner Foundry, Inc.

800-276-1084; Fax: 773-276-9656 www.wagnerfoundry.com Chicago, IL 60622

Custom fabricator of architectural, art & industrial castings: hardware, sculpture,

grilles, signage, plaques, storefront elements & cast-metal ornament; aluminum, bronze & brass; sand & lost-wax casting; ecclesiastical work.

Write in No. 1062

#### **Western Red Cedar Lumber Association**

866-778-9096; Fax: 604-687-4930 www.wrcla.org Vancouver, British Columbia, Canada V6C 1G8

Non-profit trade association: represents western red cedar producers; participating members have access to marketing, promotional & educational programs, exclusive standards & marketing trademarks.

Write in No. 1751

#### Weston Millwork Co.

816-640-5555; Fax: 816-386-5555 www.westonmillwork.com Weston, MO 64098

Custom fabricator of wood doors & windows: sash & door-frame components & complete units; storms & screens; historical reproductions & exact replicas.

Write in No. 1316



**Wiemann Ironworks** 

www.wiemanniron.com

Tulsa, OK 74104

Write in No. 1223

918-592-1700; Fax: 918-592-2385

Designer, fabricator, finisher & installer of

custom ornamental metalwork: railings,

gates, balustrades, lighting, fences, furni-

iron, bronze & aluminum; CAD services.

ture, doors & fixtures; cast & wrought

To build this raised-panel door and entryway, Weston Millwork used 2-in.thick, solidedge grain sugar pine.

#### **Wood Window Workshop**

800-724-3081; Fax: 315-733-0933 www.woodwindowworkshop.com Utica, NY 13501

Wiemann Ironworks fabricated this bronze door with

Custom fabricator of wood windows, doors, storms & screens: any size, shape & species; full mortise-&-tenon construction, true-divided lite, hard-to-find hardware & restoration & insulated glass; factory finishes; reproductions.

Write in No. 9640

insulated glass.



Wood Window Workshop custom manufactures wood windows and doors in any size, type and species.

#### **Zeluck Doors & Windows**

800-233-0101; Fax: 718-531-2564 www.zeluck.com Brooklyn, NY 11234

Manufacturer of custom architectural windows & doors: glass, timber & hardware; garage doors; French doors; residential, commercial & historical/landmark projects; since 1921.

Write in No. 6920

#### **STEEL WINDOWS & DOORS BY TORRANCE STEEL WINDOW CO., INC.**

OVER 100 YEARS OF TRADITION SINCE 1904





MEMBER OF STEEL WINDOW INSTITUTE www.torrancesteelwindow.com TEL: 310-328-9181 FAX: 310-328-7485 1819 ABALONE AVE. TORRANCE, CA 90501





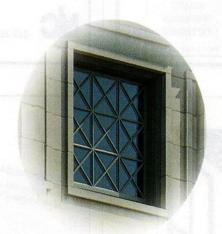


**WRITE IN NO. 3570** 



# There's only one way to replace the windows on a historic courthouse: By the book.

he tiny community of Jackson occupies a significant place on the Minnesota map, with an entire downtown district on the National Registry of Historic Places. The crown jewel is the 1908 Jackson County Courthouse, an impressive Neoclassical construction of Bedford limestone. After almost a century of use, every magnificent detail had been restored to its original glory, down to the worn-out, inefficient windows. The detailed lite pattern in the courthouse's dome windows were replicated perfectly to fulfill the National Registry criteria. In



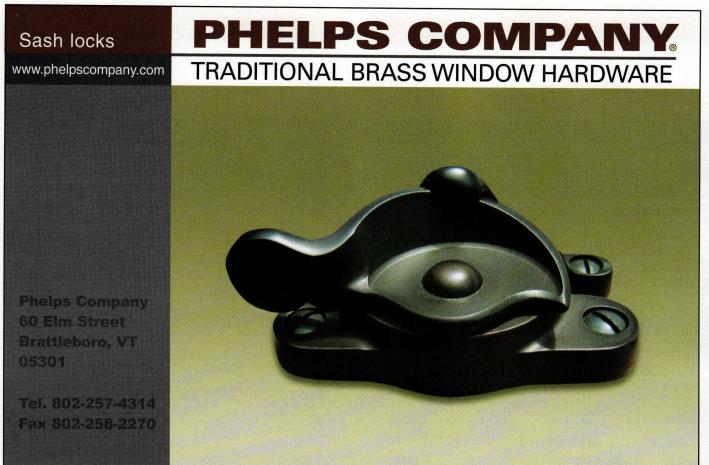
The 3-by-3 diamond lite cut is uncommon; Marvin's Simulated Divided Lite with spacer bar solution is equally unique.

addition, the town was thrilled to find a lower-maintenance solution for the 101 massive double hung windows. With a custom Simulated Divided Lite solution that incorporated a spacer bar for historical accuracy and low-maintenance extruded aluminum cladding, the new Marvin windows ensure that the courthouse will perform its civic duty for generations to come.



For a free Marvin Windows and Doors brochure, please visit www.marvin.com or call 1-888-553-9988.

©2007 Marvin Windows and Doors. All rights reserved. ®Registered trademark of Marvin Windows and Doors.



**WRITE IN NO. 6001** 





For garage doors and entry doors that perfectly match the historical period of your home, choose

## HAHN'S WOODWORKING CO., INC.

MANUFACTURER OF TRADITIONAL WOODEN GARAGE DOORS CARRIAGE HOUSE BARN DOORS • CUSTOM ENTRY DOOR



Excellence Since 1984 www.hahnswoodworking.com

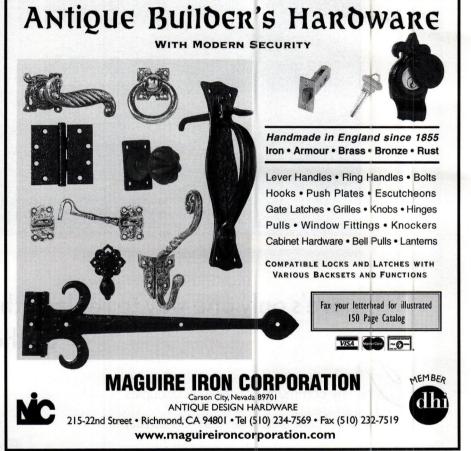


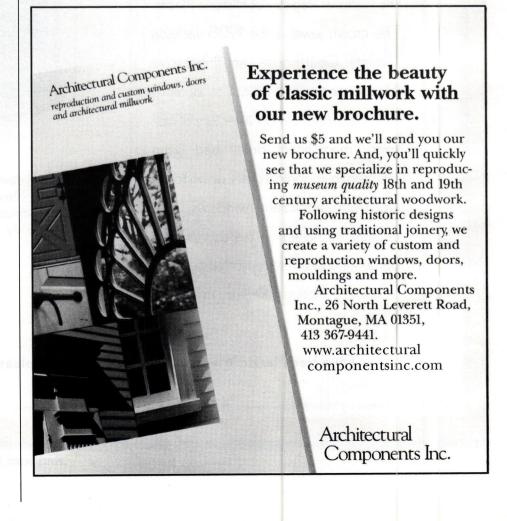
HAHN'S WOODWORKING COMPANY, INC. 181 Meister Avenue, Branchburg, NJ 08876 Showroom Hours: 7-12 and 1-4PM, M-F Phone 908-722-2742 • Fax 908-722-2736 info@hahnswoodworking.com

QUALITY INNOVATION EXPERIENCE We're Simply the Best"

**WRITE IN NO. 6640** 



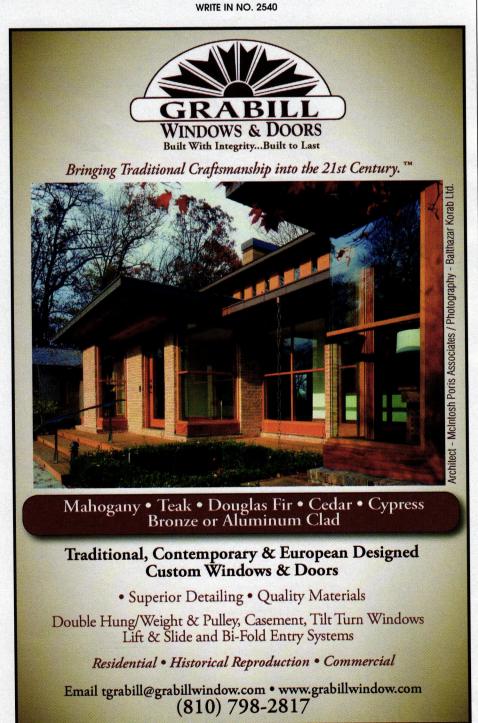






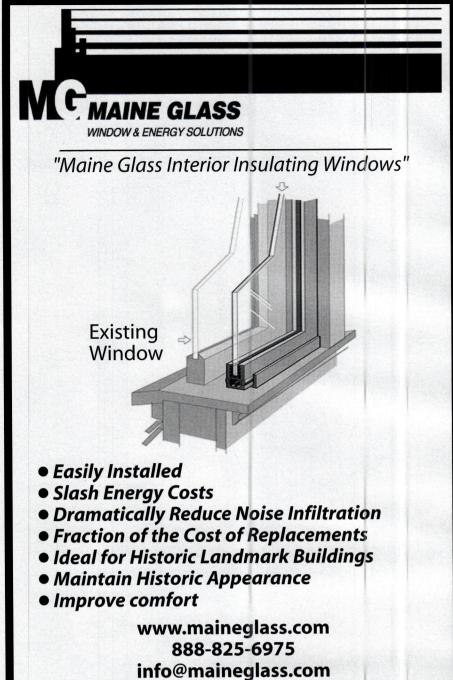
P.E. Guerin





649 N. Fairfax Avenue (at Melrose) Los Angeles, California 90036 Telephone (323) 651-0976 - (800) 643-7237 - Fax (323) 655-8533

WRITE IN NO. 1910



WRITE IN NO. 634



### Marvin Entry Doors

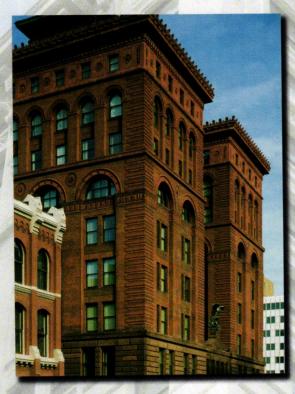
Marvin Entry Doors provide homeowners of historic, traditional or period residences with an elegant entrance to match the architectural style of their home. Now available from Marvin Windows and Doors, Marvin Entry Doors offer exquisite and customized solid, hardwood entry systems from the nation's premier manufacturer of made-to-order wood and clad wood windows and doors. With 7 design styles available, Marvin Entry Doors brings together old world craftsmanship and modern millwork manufacturing—enabling homeowners to perfectly enhance or customize their entryways and their lifestyles. 888-537-7631; www.marvin.com/entrydoors





# re)view

The Only Complete Source for Window Restoration.



Historic Window
 Replication

of Historic Windows

- Complete Window Restoration
- Installation Services
- Finish Carpentry
- Lead Paint Abatement
- Interior and Exterior Finishing
- Hardware Restoration
- Insulated Glass
   Conversion
- Both Wood and Steel Windows



Tel: 816-741-2876 • Fax: 816-746-9331 www.re-view.biz • Kansas City, Missouri contactus@re-view.biz

WRITE IN NO. 744

# "Unique European building products for trade professionals."



We offer a large
choice of the highest
quality traditional
windows, doors,
hardware, paneling
and parquet flooring
direct from select
French and Italian
workshops.
Please contact us for
more information.

Authentic Joinery & Millwork LLC 1266 West Paces Ferry Road, Box #563 Atlanta, GA 30327-2306 Tel: 404.841.4818 Fax: 404.841.4819 www.ajm-llc.com

WRITE IN NO. 1761



WRITE IN NO. 196



# Custom-Made Storm/Screen Windows & Doors

At Dictoriana Sast, each door we make is made to enhance the entry door behind it. You can choose from one of our many styles, or design your own unique door. Also manufacturer of vintage style storm windows.





Old House Resource Center 856-910-1887 Merchantville, NJ www.victorianaeast.com

WRITE IN NO. 1101



193A Rt. 13 Brookline NH 03033 603-672-4113 www.oldsmithyshop.com

## Old Smithy Shop

Custom Hand-forged
Suffolk Latches and Pulls
Norfolk Latches and Pulls
Cabinet Latches & Butterfly Hinges
Pintle Strap Hinges &
17th to 19th Century Pieces

by New England Master Blacksmith Franklin Horsley

%%.

Historic Consultations

WRITE IN NO. 5110



# Expecting twins?



Original U.S. Dept. Of War door knob from The Old Executive Office Building and a custom casting from ARC. Can you spot the original? For the answer go to WWW.ARESOURCE.COM and click on CASTINGS.

# Custom Castings from Architectural Resource Center

ARC has been trusted with some of the Country's most intricate and exacting historical custom castings. Our detail-driven process and tireless customer service results in hardware that's magnificent. Give us a call, we'll work with you to create reproductions that'll have you and your client shaking your head trying to decide which is the original and which is the ARC custom casting.

## **Architectural Resource Center**

America's Leading Designer and Source for Historical Window Hardware

Contact: tel. 800-370-8808 or 603-942-8776 Fx 603-942-7465 email: info@aresource.com

www.aresource.com

COOPER UNION COLLEGE, NYC

Quality & Craftsmanship forged together for a lifetime

# Make an Entrance with Hardware from Acorn.



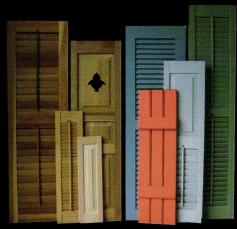
WRITE IN NO. 1690

1.800.835.0121 www.acornmfg.com

For a FREE catalog, call & request catalog TB607A.

# QUALITY WOOD SHUTTERS!

-TREMONT NAIL-



FULL PAINTING SERVICE! DELIVERY RIGHT TO YOUR DOOR!

## SHUTTERCRAFT, INC.

Showroom in Madison, CT Email: all@shuttercraft.com Visit: www.shuttercraft.com

Red Cedar Basswood Red Oak Poplar

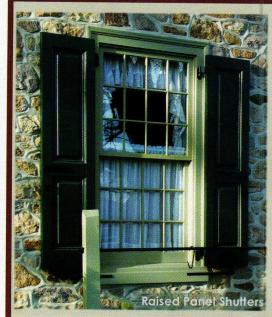
Moveable Louvers
Fixed Louvers
Raised Panels
Board & Batten
Endless Cut-Outs

Interior Plantations
Traditional Bifolds
Colonial Panels
Open Frame

Free Brochure Free Quotes Free Delivery (on most orders)

Call (203) 245-2608 Fax (203) 245-5969

WRITE IN NO. 1321



# Hurricane Shutters

Customized cedar shutters & hardware from Vixen Hill say something important about your home and about you. It tells the world that you only want the best and nothing else will do. Install Hurricane Shutters and save on your homeowners insurance.

- ◆ Custom Sized
- ◆ Teak Pegged
- ◆ Western Red Cedar
- ◆ Traditional Styles
- ◆ Mortise & Tenon Joinery
- ◆ Authentic Hardware
- ◆ Factory Coatings



Call today for a catalog and free consultation.



VixenHill.com 800-423-2766

Dept.#TB7

WRITE IN NO. 1230

# restoration & new construction



www.traditional-building.com

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

800-548-0193



## Jim Illingworth Millwork, LLC

Architectural · Historical · Traditional We Custom Build Wood: Doors - Windows - Moldings



h: 315-232-3433 · Fax: 315-232-3645 Toll free: 877-390-2392 8-10 Wardwell St. · Adams, NY 13605 Website: www.jimillingworthmillwork.com

**WRITE IN NO. 1696** 

# Weston Millwork @ SASH AND DOORS TO ORDER.

Specializing in millwork constructed exactly as your original



TEL. (816) 640-5555 FAX: (816) 386-5555 E-MAIL:INFO@WESTONMILI WORK COM

VISIT OUR WEBSITE AT WESTONMILLWORK.COM

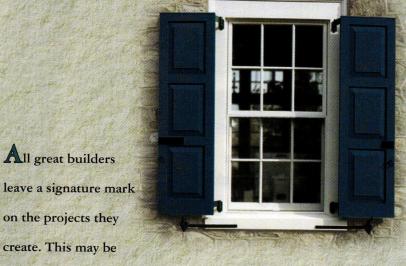
WRITE IN NO. 1316



www.traditional-building.com

EXTERIOR SHUTTERS & SHUTTER HARDWARE

# You can always tell when a builder STARTS TO SHOW OFF



hand-forged iron hardware and we are sure to agree: it

makes an unmistakably

yours: hand-forged period hardware from

Timberlane's vast collection. Because we

build our handcrafted solid cedar

Timberlane shutters to such

exacting standards, we believe

they deserve hardware crated with

an equal degree of precision.

One glance at the subtle yet distinctive inconsistencies

that are the hallmark

of Timberlane's

clear statement of luxury and prestige. And nowhere else will you find such a compelling

> selection of authentic, historically correct shutter tie-backs, slide bolts, pull-rings, strap hinges, locks, pintels and latches. Your

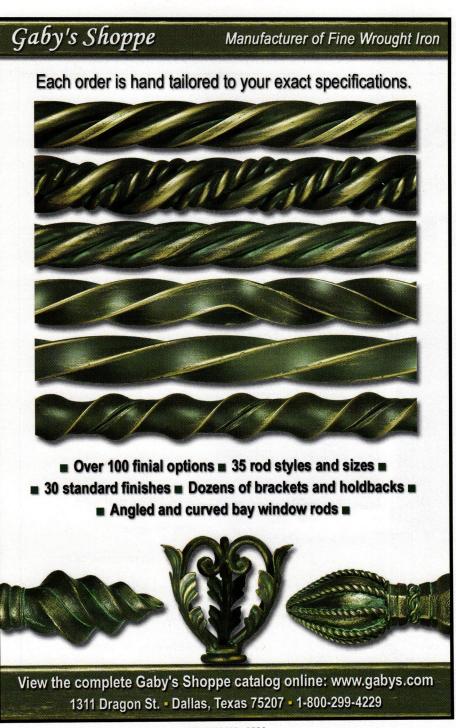
clients will be dazzled and your competition daunted by this one-of-a-kind artistry. And isn't that the point of all

you do? Call for a free catalog.

800.250.2221 EXT. 1564 \* TIMBERLANE.COM/1564

WRITE IN NO. 1056





WRITE IN NO. 2520



If it were any more authentic, it wouldn't be a reproduction.



HOUSE OF ANTIQUE HARDWARE

One of the web's best selections of original and reproduction hardware, not that anyone will tell the difference. Find this Victorian-style rim lock and more than 7,000 other items at HouseofAntiqueHardware.com. Or call (888) 223-2545.

WRITE IN NO. 1096

# OPENING DOORS TO THE PAST

Since 1880, Richards-Wilcox has been manufacturing hardware and door accessories in original turn of the century designs, or in faithful reproductions.

> Richard-Wilcox restoration hardware for sliding, swinging, and slide-fold doors features decorative strap hinges, pulls, bolts, latches, and track and hangers for historically-significant buildings and historicallyinspired new construction.



Shown Here: Crackled Bronze Finish,

Lancet

When the Aurora Fire Museum demanded accuracy and beauty in their restoration project, they found Richards-Wilcox authentic door hardware.

# RESTORATION HARDWARE

600 S. Lake Street Aurora, IL 60506 w.rwhardware.com Toll Free: 800-877-8456

**WRITE IN NO. 1579** 



**WRITE IN NO. 7990** 



architects, builders, interior designers and restorationists with a full line of custom architectural millwork and lumber.

1900 S. STATE STREET GIRARD, OHIO 44420 PHONE 330-744-8484 TOLL-FREE 800-745-2596

Sold through exclusive dealers

Call today for more information or visit us at www.sharplumber.com

WRITE IN NO. 856

www.traditional-building.com

# **7 OF OUR 32 HARDWARE SUITES**











NO 3004R OLIVE KNUCKLE HINGE - THREE SIZES. NO 1085 GEORGIAN KNOB - FOUR SIZES. NO 2135A GEORGIAN ACORN LEVER. NO 5830R TRADITIONAL KEYHOLE ESCUTCHEON. NO 8305R GEORGIAN CABINET KNOB - EIGHT SIZES.





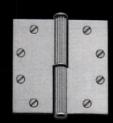






No 2015 NEOCLASSIC BEADED LEVER. NO 1114 SCROLLING ACANTHUS LEAF KNOB, NO 5708 COLONIAL THUMBLATCH WITH DEMILUNE ESCUTCHEON, NO 4004B TRADITIONAL BEADED THUMBTURN, NO 9702 ANNA LIVIA DOOR KNOCKER











NO 1053 SEGMENTED MELON KNOB. NO 3582 REEDED TWO KNUCKLE BUTT HINGE. NO 8053 SEGMENTED MELON CABINET KNOB - EIGHT SIZES. NO 2055 18TH CENTURY NEOCLASSIC REEDED GEORGIAN LEVER, NO 5820 OVAL REEDED KEYHOLE.











No 2004H FRENCH MODERNE HAMMERED LEVER. NO 1018H HAND HAMMERED KNOB - FOUR SIZES. NO 6220H HAMMERED DOOR PULL - FOUR SIZES. NO 1019H ELLIPTICAL HAMMERED KNOB. NO 8018H HAMMERED CABINET KNOB - FOUR SIZES.











NO 9088 FLOOR MOUNTED DOORSTOP, NO BOIL BULL'S EYE CABINET KNOB - FOUR SIZES. NO 1011 SCLAROFF BULL'S EYE DOOR KNOB - THREE SIZES. NO 5888 EDAWRDIAN KEYHOLE ESCUTCHEON. NO 2111 FRENCH BULL'S EYE LEVER











100 9708 HEXAGONAL KNOCKER - TWO SIZES. NO 2012 FRENCH MODERNE FACETED LEVER. NO 3581 OCTAGONAL TWO KNUCKLE BUTT HINGE. NO 1013 FACETED OCTAGONAL KNOB, NO 6003 CUSHION FACED FACETED RECESS PULL











No 2017 EARLY 20TH CENTURY CLASSIC FUNCTIONAL LEVER. NO 3754 MODERNE PAUMELLE HINGE. NO 6021 TRADITIONAL FLARED DROP RING PULL. NO 8415 MODERNE CABINET PULL - FOUR SIZES. NO 1017 CLASSIC SUNCTIONAL PURPLE.





VON MORRIS CORPORATION®
EXTRAORDINARY ARCHITECTURAL HARDWARE®

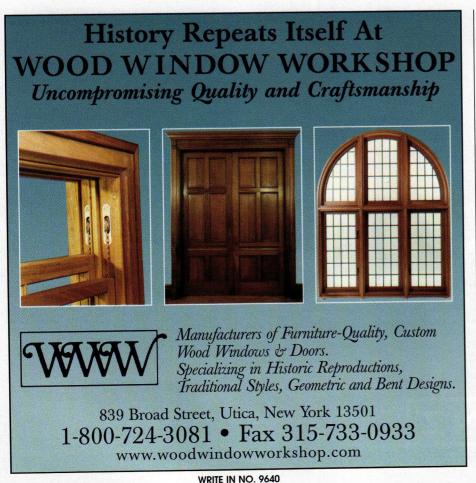
800 646 6888

PLEASE CONTACT YOUR LOCAL INTERIOR DESIGNER OR ARCHITECT WWW.VONMORRIS.COM



**WRITE IN NO. 1864** 





INTERIOR WINDOW SYSTEMS

NOISE REDUCTION • DRAFT & DIRT

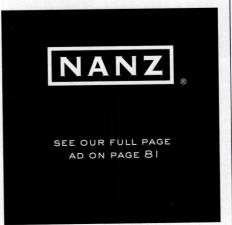
FLIMINATION • THERMAL CONTROL

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



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

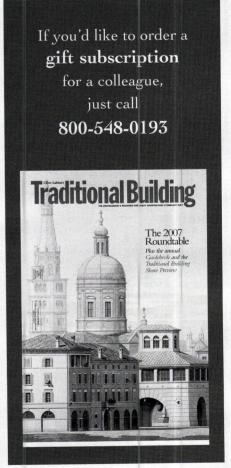
**WRITE IN NO. 2390** 

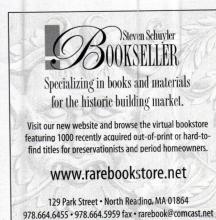




www. traditional-building .com

The internet marketplace for historical products & services





#### 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. TB, West Haven, CT 06516 Phone: (203) 937-1874 Fax: (203) 937-7321 www.fagancolumns.net

WRITE IN NO. 1010

#### **Custom Shutters**

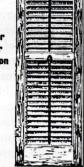
Interior and Exterior Wholesale to the Public

2 1/2" Moveable louver, raised panel and fixed louver shutters. Custom finished or unfinished. Complete selection of hardware.

Brochure \$1.00

#### Shutter Depot

Rt.2 Box 157 Greenville, GA 30222 706-672-1214 www.shutterdepot.com



**WRITE IN NO. 6830** 



WRITE IN NO. 1240

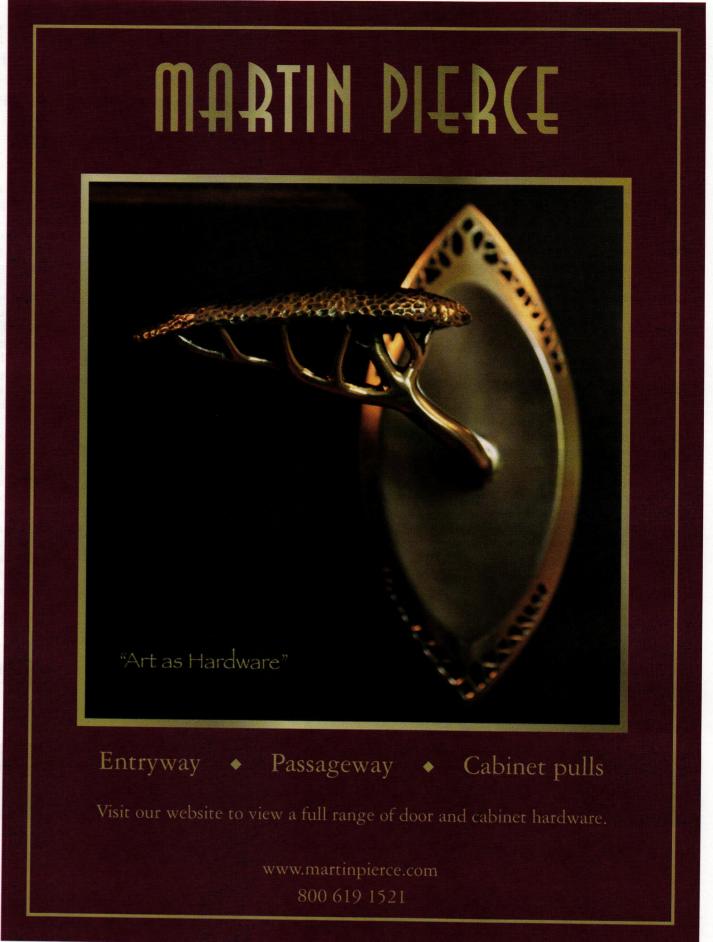
When contacting companies you've seen in the issue, please tell them you saw their listing in Traditional Building.



#### I, N, T, B, A, U

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



WRITE IN NO. 1885





#### PRESERVATION TRADES NETWORK

PO BOX 249 AMHERST, NEW HAMPSHIRE 03031-0249

PHONE: 866-853-9335 FAX: 866-853-9336

E-MAIL: info@PTN.org WEBSITE: www.PTN.org or www.IPTW.org

## Directions, Initiatives, Community

By Ken Follett, PTN correspondent

n October 2001 PTN held the International Preservation Trades Workshop (IPTW) at Floyd Bennett Field in Brooklyn, NY. Since this was so soon after 9/11, the planners of the event considered calling it off. For obvious reasons, support from partner organizations dropped considerably, and with justifiable fears, there was a concern that people would not want to go to New York at the time. Though attendance was noticeably low, there was the camaraderie of friends who come together in spite of the tragedy.

From that IPTW, several seeds were planted within PTN that have been cultivated and are now bearing interesting fruit.

For one thing, at the event we were visited by Marak Baranski from Poland, who brought with him a plan for re-creation of a 17th-century log-timber synagogue that once stood in Zabludow, Poland. Some may remember that folks from Oklahoma City were visiting New York in order to share from the healing of their own tragic experience. It was similar for Marek to come to America and offer an invitation to visit his homeland, where terror and tragedy have played a role. A few from PTN accepted his invitation and went to Poland. Although so far the synagogue project has not actually materialized, PTN continues carry on initiatives out of this early invitation.

When an invitation came to PTN to partner in an IPTW in Sweden, it seemed a natural extension of this tendency to increase an international presence in respect of the traditional trades, and



The PTN Board of Directors met for an annual planning session in Ellicot City, MD, in March 2007.

particularly in respect of the International Trades Education Initiative, an initiative in partnership with the World Monuments Fund that is closely connected through threads of events out of 9/11.

Education has been a core value of the PTN community. The International Trades Education Symposium at Belmont Tech in Ohio in 2005 was a direct outgrowth of the desires kindled at IPTW 2001 in Brooklyn. The community works toward enhancing the ability of the experienced and skilled trades to teach. We also pass along skill sets, ethics and values of traditional trade practices. It is a question of survival of our heritage.

Thus PTN moved from a 501(c)6 trade organization to a 501(c)3 educational nonprofit. This transition, possibly not actually a transition as much as a discovery of what we are, involved months of conference calls to rework the by-laws to result in an organization with a desire to move

from "event driven" (the once per year IPTW) to a membership driven community organization focused on education. Along the way, PTN has become more membership driven through the diversity of an elected board of directors.

Another outgrowth of IPTW 2001 has been for PTN to become involved as a partner and host of local small weekend-long hands-on demonstration events. We held such a local event in New Castle, DE, in 2006, and this led to a similar-scale event planned for Casey Farm in Rhode Island in 2007. As more of us work within PTN, we learn to stage events, and because these events can be spread around the world, they make attendance accessible to more of our friends in the traditional trades, who are encumbered by the need to leave off their business, leave off work, pay for airfare and a hotel room in order to travel to a jamboree-type international event – though you do not want to miss the "homecoming" IPTW 2007 in Frederick, MD, in October.

Then there was the Gulf Coast. The IPTW 2006 in Holy Cross, 9th Ward, New Orleans, was different from anything PTN had previously undertaken. We went there with hammers, saws and trowels in hand, to make a difference. We continue to go back to the Gulf Coast, because the need continues. Please feel free to join our community.

For more information, visit www.ptn.org or contact PTN at" info@ptn.org or 866-853-9335. PTN is a provider of AIA/CES credits.◆

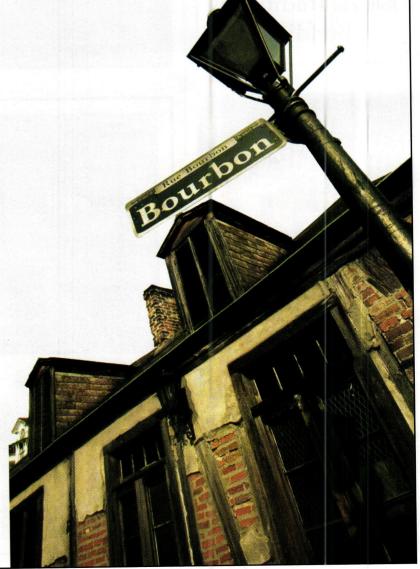
PTN is a registered provider of AIA/CES credits and a 501(c)3 non-profit organization.

# Traditional Building Exhibition and Conference



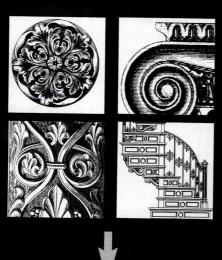
Mark Your Calendar! October 17-20, 2007 Ernest N. Morial Convention Center New Orleans, LA

www.traditionalbuildingshow.com



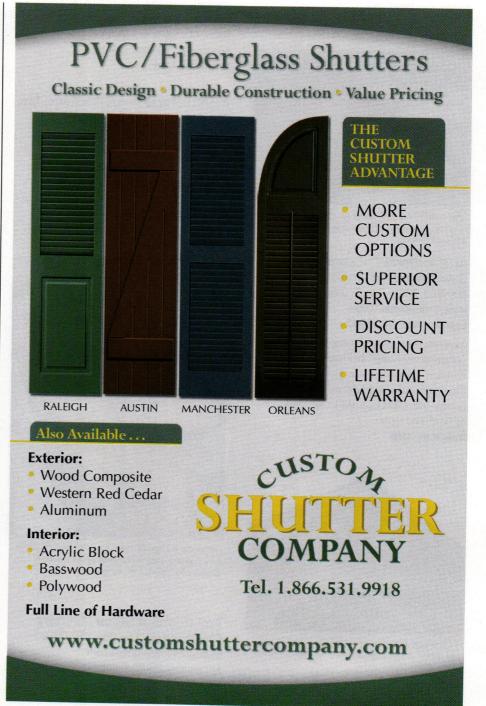






Online data & links for more than 673 suppliers of products & services for restoration, renovation and historically inspired new construction for civic & commercial projects.

www.traditional-building.com



# **Custom Exterior Elements, Ornament & Finishes**

To order product literature, go to www.traditional-building.com 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. 9933**.



A&M Victorian cast new concrete ornamentation for the renovation of the Loretto-Conaty High School in Los Angeles, CA.

#### **A&M Victorian Decorations, Inc.**

800-671-0693; Fax: 626-575-1781 www.aandmvictorian.com South El Monte, CA 91733

Manufacturer of architectural elements: molding, columns, balustrades, wall caps, coping, fountains, planters, gazebos & more than 70 styles of mantels; gypsum & cast stone; custom designs.

Call for more information.



This cornice was built using pre-finished architectural urethane multi-profile moldings supplied by Melton Classics.

## Architectural Columns & Balustrades by Melton Classics

800-963-3060; Fax: 770-962-6988 www.meltonclassics.com Lawrenceville, GA 30042

Manufacturer of architectural elements: columns, moldings, balustrades, door & window features, cornices & trim; wood, fiberglass, polyurethane, marble/resin composite, GFRC, GRG, cast stone & synthetic stone.

Write in No. 4100



Architectural Fiberglass fabricated this 61-in.-tall cornice with a 30-in. projection for a restoration project in the Bronx, NY.

#### **Architectural Fiberglass Corp.**

800-439-2000; Fax: 631-842-4790 www.afcornice.com Copiague, NY 11726

Fabricator of reproduction ornament: cornice molding, columns, capitals, balustrades & themed interior environments; lightweight FRP; molded-in colors & textures; class-1 fire-retardant material; weather resistant; easy to install. Write in No. 6400

## 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, wroughtiron components, balustrading, door hardware, lighting, ceiling tile, furniture & cabinet components & more.

Write in No. 1088

# Architectural Reproductions by Timeless

800-665-4341; Fax: 770-205-1447 www.timelessarchitectural.com Cumming, GA 30041

Manufacturer of architectural ornament: exterior fiberglass columns, decorative capitals, pilasters, balustrades & more; interior columns & capitals; polyester resin, fiberglass & cultured marble composite; custom casting.

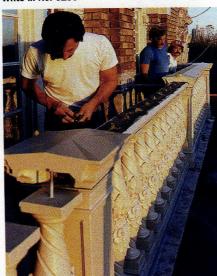
Write in No. 1414

#### **Architectural Reproductions, Inc.**

888-440-8007; Fax: 503-281-6926 www.archrepro.com Portland, OR 97227

Custom fabricator of cast-stone facade & cornice elements: columns, capitals & balustrades; uses both traditional cement-based casting methods & lightweight GFRC techniques; terra cotta substitutes.

Write in No. 6130



Architectural Reproductions, Inc., replicated the terracotta balusters, piers and copings of the Franklin Building in Salem, OR, in pre-cast concrete.

#### **Architectural Stone Masonry**

604-852-9662; Fax: 604-850-9062 www.stonemasonsarch.com Abbotsford, British Columbia, Canada V3G 3C1

Fabricator of custom natural-stone products: mantels, stairways, balustrades,

Classical columns, exterior wall cladding in smooth & split-face textures, crown moldings & profiled window & door treatments; limestone & sandstone.

Write in No. 1656

#### **AZEK Building Products, Inc.**

877-275-2935; Fax: 570-504-1215 www.azek.com

Moosic, PA 18507

Manufacturer of PVC exterior trim products: trimboards, sheets, bead boards, cornerboards & millwork.

Write in No. 1428



Smitty's Window Smith storefront in Falls Church, VA, features materials from AZEK Building Products on its facade.

#### **Balmer Architectural Mouldings**

416-491-6425; Fax: 416-491-7023 www.balmer.com

Toronto, Ontario, Canada M2J 1S5

Supplier & installer of moldings, cornices, domes, mantels, columns & capitals: cast in gypsum & polyurethane-based materials; more than 12,000 patterns; custom pattern making.

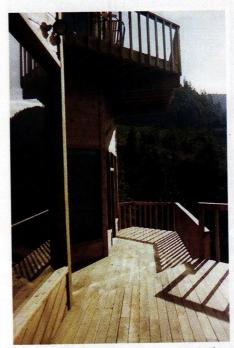
Write in No. 3159

#### **Baschnagel Brothers**

718-767-1919; Fax: 718-767-5141 www.baschnagel.com Whitestone, NY 11357

Manufacturer & installer of metal roofing: fabrication & installation of all types of ornamental copper gutters, leaders & more; works with Landmarks Conservancy.

Write in No. 1012



Bear Creek Lumber supplies decking in Douglas fir, western red cedar and Alaskan yellow cedar.

#### **Bear Creek Lumber**

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

Supplier of tongue-&-groove paneling, shingles, shakes, flooring & decking: red cedar, Port Orford cedar, cypress, pine, fir, hemlock, spruce, jatoba & more; kiln dried; clear & select grades.

Write in No. 521

#### **Boston Valley Terra Cotta**

716-649-7490; Fax: 716-649-7688 www.bostonvalley.com Orchard Park, NY 14127

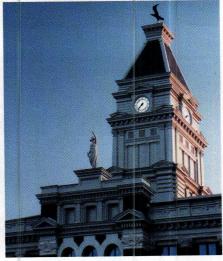
Custom fabricator of architectural terracotta products: roof tile & Terraclad (rain-screen system); columns/capitals, cornices, balustrades, garden sculpture & chimneys; standard & custom shapes & colors; replacements & new designs. Write in No. 160

#### Campbellsville Industries, Inc.

800-467-8135; Fax: 270-465-6839 www.cvilleindustries.com Campbellsville, KY 42718

Manufacturer & installer of architectural metalwork: steeples, cupolas, clock towers, finials, weathervanes, dormers, cornices, crosses, columns, balustrades, picket & paneled railings; aluminum, copper, zinc & lead-coated copper.

Write in No. 2730



Campbellsville Industries fabricated the clock tower, clock, decorative cornice, modillions, paneled railing and corner pediments for the restoration project at Montgomery County Courthouse in Clarksville, TN.

#### **Canning Studios**

203-272-9868; Fax: 203-272-9879 www.canning-studios.com Cheshire, CT 06410

Restorer & designer of decorative finishes, ornamental plaster & wood: historic-paint analysis; plaster consolidation & stabilization; decorative painting, murals, interior & exterior gilding & wood graining; metal & stone cleaning.

Write in No. 5100

#### Cantera Especial

800-564-8608; Fax: 818-907-0343 www.cantera-especial.com Pacific Palisades, CA 90272

Custom hand carver of natural-stone products made from limestone, cantera, adoquin, travertine, marble & sandstone quarried in Europe & Mexico: fireplaces, fountains, columns, balustrades, molding & sculpture.

#### **Canterland of Mexico**

800-564-8608; Fax: 818-907-0343 www.canterlandmex.com Pacific Palisades, CA 90272

Factory-direct manufacturer of Yucatan limestone products: fountains, mantels, balustrades, stairs, columns, countertops & more; in Coquina, Ticul & Crema Maya stone.

Write in No. 1825

#### Cedar Shake & Shingle Bureau

604-820-7700; Fax: 604-820-0266 www.cedarbureau.org Sumas, WA 98295

Trade association for manufacturers, distributors & installers of Certi-label cedar shakes & shingles for roofing & siding: installation instructions; AIA seminars; fire-retardant & preservativetreated products.

Write in No. 1603

#### **Century Architectural Specialties**

877-262-1999; Fax: 770-590-3190 www.architecturalspecialties.com Marietta, GA 30066

Manufacturer of classically inspired molded ornament: crown & cornice molding, door & window surrounds, pilasters, capitals, corbels, ceiling domes & medallions.

Write in No. 1698

#### Chestnut Specialists, Inc.

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

Manufacturer of antique wood for flooring: chestnut, oak, pine & hemlock; hewn barn beams, weathered siding & sheathing planks.

Call for more information.

#### **Color People, The**

800-541-7174; Fax: 303-308-0123 www.colorpeople.com Denver, CO 80205

Designer of exterior color schemes: consultation for residences, businesses, Main Streets & townscapes through photos via mail & on-site.

Write in No. 5470



The Color People offers consulting on exterior color schemes for traditional buildings.

#### Columns.com

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

Internet distributor & web-based mall for architectural products: columns, pilasters, decorative capitals, moldings, balustrades & pergola kits; can rate & compare various manufacturers; job-site delivery, worldwide shipping.

Write in No. 1899

#### Conrad Schmitt Studios, Inc.

800-969-3033; Fax: 262-786-9036 www.conradschmitt.com New Berlin, WI 53151

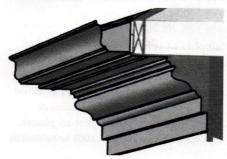
Creator, conservator & restorer of decorative painting, stained & art glass: ornamental plasterwork; crystalline etched-glass designs; murals, mosaics

& statuary; for public & religious buildings; since 1889. Write in No. 8040

CopperCraft, Inc.

800-486-2723; Fax: 817-490-9661 www.coppercraft.com Keller, TX 76248

Manufacturer of sheet-metal products: spires, finials, louvers, dormers, weathervanes, cupolas, conductor heads, cornices, cladding, chimney caps, canopies & more. Write in No. 1490



Architectural cornice systems by CopperCraft are available in copper, lead-coated copper, terne-coated

#### **Decorators Supply Corp.**

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

Supplier of period architectural elements: ceiling medallions, mantels, cornices, columns & capitals; plaster of Paris, compo & wood; 14,000 patterns available.

Write in No. 210

#### **EverGreene Painting Studios, Inc.**

212-244-2800; Fax: 212-244-6204 www.evergreene.com New York, NY 10001

Decorative-arts studio: murals, decorative painting, gilding, plaster, wood, metal, stone & mosaics; new design, conservation & restoration; ecclesiastical, institutional, public & commercial projects; offices in NYC & Chicago.

Write in No. 2460 for decorative painting; 2678 for plaster

#### **Extrutech Plastics, Inc.**

920-684-9650; Fax: 920-684-4344 www.epiplastics.com Manitowoc, WI 54220

Manufacturer of exterior & interior cellular moldings & trim: screen doors, shutters, custom wood-grain finishes.

Write in No. 1892

#### **F2 Industries**

888-895-4224; Fax: 815-895-4214 www.f2industries.com Sycamore, IL 60178

Designer & fabricator of architectural & ornamental metalwork: doors, fences, gates, railings, lighting, sculpture & more; Art Nouveau, Art Deco, French, Italian, Spanish & German styles; restoration services. Write in No. 1875

#### Fagan Design & Fabrication, Inc.

203-937-1874; Fax: 203-937-7321 www.fagancolumns.net

West Haven, CT 06516

Manufacturer of columns & turnings: stain grades in any wood species; Classical orders; stock & custom; worldwide supplier.

Write in No. 8210

#### Fiberglass Specialties, Inc.

800-527-1459; Fax: 903-657-2318 www.fsiweb.com

Henderson, TX 75653

Manufacturer of FRP steeples, domes & cupolas: dozens of stock sizes &

components; fiberglass & custom baptismal fonts; columns & balustrades; design department assists with custom requirements. Write in No. 7310

#### Flex Moulding, Inc.

800-307-3357; Fax: 201-487-6637 www.flexiblemoulding.com Hackensack, NJ 07601

Supplier of moldings & polymer ornament: ceiling medallions, spot decorations, capitals, simulated wood carvings & more; rigid & flexible polyester; restoration casting; window trim; custom casting & moldmaking capabilities. Write in No. 4900

#### Gladding, McBean - Div. of Pacific Coast Bldg.

800-776-1133; Fax: 916-645-1723 www.gladdingmcbean.com Lincoln, CA 95648

Manufacturer of sculptural ornamentation, machine-extruded terra cotta, roof tile, chimney tops, pavers, garden pottery & vitrified sewer pipes: terra-cotta balustrades, copings, cornices & more; customglaze development.

Write in No. 6010

#### **Goodwin Associates**

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

Supplier of architectural products: cornice moldings, columns, capitals, balustrades, door & window surrounds, ceiling medallions, niches, domes, brackets, corbels, mantels & more; polyurethane, FRP & hardwood millwork.

Write in No. 806



Goodwin Associates offers cast balustrades and other exterior ornament in many sizes.

#### Haddonstone (USA), Ltd.

856-931-7011; Fax: 856-931-0040 www.haddonstone.com Bellmawr, NJ 08031

Manufacturer of Classical stonework: columns, balustrades, benches, planters, urns, pavers, fountains, gazebos, mantels, statuary & more; cast, reconstructed limestone resembling Portland stone; more than 500 designs.

Write in No. 4020



Haddonstone created the cast-stone exterior ornament for the Victorian Spa in Scarborough, England.

#### Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493 www.historicalarts.com West Jordan, UT 84088

Designer & custom fabricator of ornamental metalwork: doors, windows, hardware, stairs, balustrades, registers, fences,

lighting, gutters, columns, weathervanes, planters & more; iron, bronze, aluminum & steel; restoration services. Write in No. 1210

#### Kenneth Lynch & Sons, Inc.

203-762-8363; Fax: 203-762-2999 www.klynchandsons.com Wilton, CT 06897

Manufacturer of ornamental metalwork & cast-stone products: planters, urns, benches, fountains, statuary, topiary, sundials & weathervanes; cast stone, cast & wrought iron, lead & bronze; stock & custom designs.

Call for more information.

#### Leo Uhifelder Co.

914-664-8701; Fax: 914-664-8728 www.uhlfeldergoldleaf.com Mount Vernon, NY 10553

Supplier of genuine & imitation gold, silver & aluminum leaf: decorative painting & gilding tools, brushes, books, videos & related items; bronze & aluminum powders.

Write in No. 810



Leo Uhlfelder supplies a wide range of genuine and imitation gold-leaf products.

#### Limestone Concept, Inc.

310-278-9829; Fax: 310-278-9651 www.limestoneconcept.com Gardena, CA 90249

Custom fabricator & distributor of limestone items: fireplaces, fountains, columns, capitals, balustrades, mantels, benches, ornament, garden statuary, sculpture, planters & urns; French limestone slabs & tile; antique terra cotta.

Write in No. 5390



Limestone Concept specializes in the custom carving of limestone, marble and granite architectural elements.

#### Manor Style, Inc.

800-325-2188; Fax: 443-200-0010 6741 Whitestone Rd. Baltimore, MD 21207

Custom fabricator & nationwide supplier of architectural elements: Durastyl & AZEK PVC square columns, newels, panels, arches, trellis & trim; load-bearing fiberglass columns & capitals; preformed balustrading; free literature.

Write in No. 703



Manor Style's custom polymer/ PVC Roman Doric entablature accents this town hall in Virginia.

#### **Mohamad Woodturning Corp.**

718-417-0025; Fax: 718-417-0021 www.mohamadwoodturning.com Brooklyn, NY 11206

Supplier of custom wood turnings: roped, twisted, fluted & spiral stairs & stair parts; balusters & columns; Classical styles; exterior & interior.

Write in No. 50

#### **New York Fine Woodturning**

718-456-2227; Fax: 718-456-9807 www.nywoodturning.com Brooklyn, NY 11206

Custom fabricator of wood turnings: twisted & fluted handrails, moldings, balustrades, newel posts & columns; hand carved; custom finishing.

Write in No. 87

#### NIKO Contracting Co., Inc.

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

Custom fabricator & contractor of sheet metal & roofing: slate, tile & other roofing; storefronts, cornices, cupolas, domes, steeples, snowguards & leader heads; copper, lead-coated copper, zinc & stainless steel; metal ceilings.

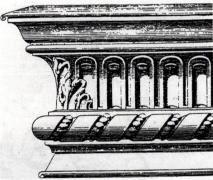
Write in No. 8300

#### **Ornametals, LLC**

256-350-7410; Fax: 256-309-5921 www.ornametals.com Decatur, AL 35601

Fabricator & distributor of metal roofing & roof ornament: finials, cupolas, crosses, weathervanes, gutters, leader boxes & more; exterior balustrades & cornices; copper & zinc.

Write in No. 5025



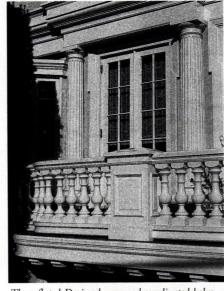
Period-style cornices are available from Ornametals in copper and titanium zinc.

#### **Pagliacco Turning & Milling**

415-488-4333; Fax: 415-488-9372 www.pagliacco.com Woodacre, CA 94973

Manufacturer of columns & other turnings: solid & hollow turnings from  $1^{5}$ % to 24 in. x 20 ft.; load- & non-load-bearing; balusters, handrails & newel posts; Classical styles; stock & custom turnings.

Write in No. 7070



These fluted Doric columns and coordinated balusters are two examples of the many products offered by Pagliacco Turning & Milling in a variety of wood species.

#### **Peck Studios**

202-331-1966; Fax: Same as phone www.peckstudios.com Washington, DC 20010

Designer & installer of large-scale public decorative works: murals & trompe l'oeil paintings, mosaics, faux finishes, graining, keim mineral systems & gilding.

Write in No. 208

#### Polymer Tooling Systems Inc.

800-327-8787, Fax: 610-524-1004 www.polymertooling.com Exton, PA 19341

Supplier of silicone & urethane mold-making materials: rubber, epoxy & ure-thane casting material, gypsum cement, adhesives, sealants & release agents; equipment & supplies for moldmaking, modeling, prototyping & rotational casting.

Write in No. 1446

#### Rossato Giovanni, srl/ Vicenza Stone Sculpture

011-39-0444-928499; Fax: 011-39-0444-928711 www.vicenzastone.com 36100 Vicenza, Italy, IT MVI 002134

Fabricator of handmade sculpture: Classical statues, fountains, columns, benches, vases, planters, putti, urns, wells, statuary & more; made of Vicenza stone to last for centuries.

Write in No. 6110



Seal Reinforced Fiberglass provided an FRP replication of the original metal cornice for this New York City building.

#### Seal Reinforced Fiberglass, Inc.

631-842-2230; Fax: 631-842-2276 www.sealfiberglass.com Copiague, NY 11726

Supplier of FRP building components: cornices, cupolas, columns, balustrades, brackets, planters, urns, water features & garden ornament; full-service mold & tool fabricator; on-site molds.

Write in No. 4620

#### Sepp Leaf Products, Inc.

800-971-7377; Fax: 212-725-0308 www.seppleaf.com New York, NY 10016

Supplier of genuine gold & metal leaf, gilding tools & supplies: leaf in loose, patent & ribbon forms; interior & exterior work; Liberon paste waxes & wood finishing products; mica powders & Mixol Universal Tints; Venetian plaster.

Write in No. 2880 for gold leaf; 1006 for Kolcaustico

#### Steptoe & Wife Antiques Ltd.

800-461-0060; Fax: 416-780-1814 www.steptoewife.com Toronto, Ontario, Canada M6B 1V9

Fabricator of architectural metalwork: spiral & straight staircases, railings, capitals, gates & grilles; copper, iron, aluminum, steel, brass & bronze fabrication for renovation & restoration projects; tin ceilings in Canada only.

Write in No. 470

#### Stonesculpt

650-575-9683; Fax: 650-322-5002 www.customstonecarving.com Palo Alto, CA 94303

Custom fabricator of hand carvings in natural stone: mantels, sculpture, fountains, monuments, flooring, balustrades, columns, capitals, signage & landscape & other architectural ornament; traditional & contemporary styles.

Write in No. 371



The exterior ornament on this Palm Beach, CA, building was fabricated in French limestone by

#### Traditional Cut Stone, Ltd.

416-652-8434; Fax: 905-673-8434 www.traditionalcutstone.com
Mississauga, Ontario, Canada L5S 151
European master carver: architectural ornamentation & monumental statuary; carved-stone mantels; restoration; historical reproduction in limestone, sandstone & marble; stone design with clay & plaster models; hand-drawn renderings.

Write in No. 2902

#### **Victoriana East**

856-910-1887; Fax: 856-910-1884 www.victorianaeast.com Merchantville, NJ 08109

Custom fabricator of storm/screen doors: Victorian, country, Mission & Colonial styles; pine, poplar & oak; custom brackets available; corbels, brackets, lattice & porch parts.

Write in No. 1101



In addition to its line of storm doors, Victoriana East custom manufactures wood porch parts.

#### **Vintage Woodworks**

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

Manufacturer & supplier of Victorian millwork: wood porch parts, turned posts, turned & sawn balusters, railings, brackets, corbels, custom-length spandrels, screen/storm doors, mantels, wood shingles & more; 144-p. catalog.

Write In No. 1061

Wagner Foundry, Inc.

800-276-1084; Fax: 773-276-9656 www.wagnerfoundry.com Chicago, IL 60622

Custom fabricator of architectural, art & industrial castings: hardware, sculpture, grilles, signage, plaques, storefront elements & cast-metal ornament; aluminum, bronze & brass; sand & lost-wax casting; ecclesiastical work.

Write in No. 1062

#### **Wiemann Ironworks**

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

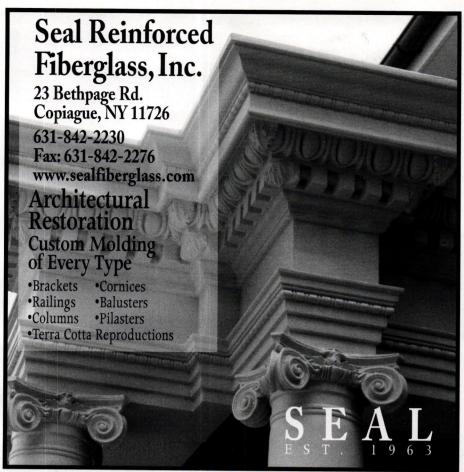
Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, gates, balustrades, lighting, fences, furniture, doors & fixtures; cast & wrought iron, bronze & aluminum; CAD services.

Write in No. 1223

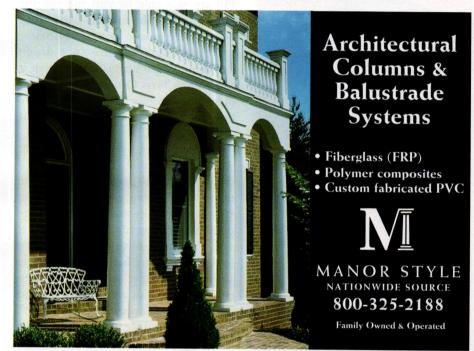


The International Network for Traditional Building, Architecture & Urbanism is a worldwide organization dedicated to the support of traditional building, the maintenance of local character and the creation of better places to live. **www.intbau.org** 

INTO BALL HIGHNESS THE PRINCE OF WALES



WRITE IN NO. 1882 FOR GARDEN PRODUCTS, NO. 4620 FOR CORNICES & NO. 1353 FOR CUPOLAS



WRITE IN NO. 703



architects

contractors

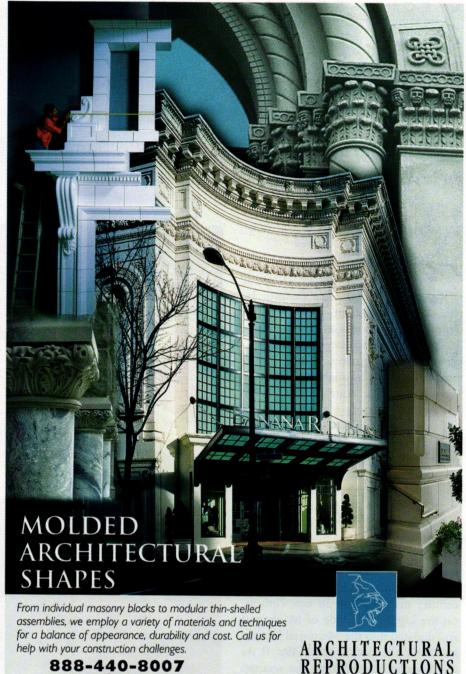
building owners facilities managers interior designers developers

landscape architects building managers

preservation planners restoration consultants

what you need to know

www.traditional-building.com

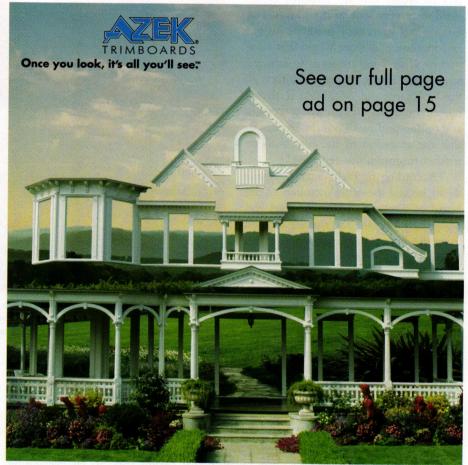


www.archrepro.com

REPRODUCTIONS

INTERIOR / EXTERIOR, TRADITIONAL / CONTEMPORARY-SINCE 1978

**WRITE IN NO. 6130** 



WRITE IN NO. 1428





# **Flowing Arcs**

The Memorial Library and Art Collection of World War II in New York City features a spectacular new hardwood/mosaic floor in its lobby.

BY NICOLE V. GAGNÉ

he year 2001 marked the passing, at the age of 90, of the writer Olga Lengyel. In 1944, then a citizen of Hungary, Lengyel was sent by the Nazis to the Auschwitz concentration camp, along with her parents, husband and two young sons, although none of them were Jewish. She alone survived. After the war she came to the United States and authored her acclaimed memoir Five Chimneys: The Story Of Auschwitz, published in 1947. (Lengyel and her account would later inspire William Styron's novel Sophie's Choice.)

Lengyel's commitment to honoring the victims of the Holocaust continued throughout her long life, and in the early 1990s, with assets recovered from Europe after World War II she purchased the landmark early-20thcentury townhouse at 58 East 79th St. on the Upper East Side of Manhattan and donated it to the Memorial Library and Art Collection of World War II. As the founder of the library, she secured its tax-exempt charitable status as "an educational and charitable organization dedicated to the memory of those martyrs of World War II," explains David Field, vice president of the library. The library and its gallery preserve images and memorabilia from World War II, as part of its declared mission "to educate all children in the causes and effects of the Holocaust and World War II, thereby encouraging harmony, tolerance, and understanding of our differences so that the tragedies of the past shall be neither forgotten nor repeated."

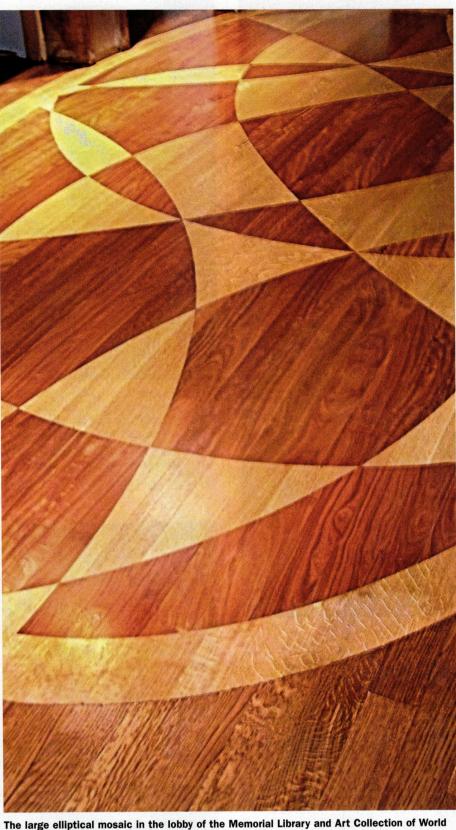
According to Field, after Lengyel's death, he and the other members of the board of directors (whom Lengyel had designated), "decided to use the income from the library to promote studies on the Holocaust and sponsor organizations that teach teachers how to teach about the Holocaust and the lessons of tolerance. So we had to renovate the second floor where the library is located, to have facilities available for small seminars, groups, and cocktail parties, and to enable organizations *simpatico* to our

policies to use our facilities to promote charitable interests."

To tackle the challenge of converting one floor of the stately townhouse into a 21st-century library and gallery, the library's board of directors turned to Arcari & Iovino Architects, P.C., of Little Ferry, NJ. "We liked Edward Arcari's vision for the library," Field says. "We wanted something dramatic for the entranceway, we discussed it with him, and he came up with that design idea. So far everything seems to be working out nicely."

Edward Arcari, AIA, PP, the firm's co-founder, has handled the brunt of this undertaking since 2004. "It's an ongoing project, almost complete," Arcari pointed out as recently as March 2007. "The townhouse was still set up as a residence and we had to completely gut the floor. We had to meet with the board once a month, and it took a lot of design and planning time."

Strama & Brothers Construction, LLC, of Garfield, NJ, was hired as the general contractors for the project, playing a crucial role in one of the most remarkable aspects of this renovation – a dazzling floor mosaic located in the library's lobby space, just off the main stair. Although no one from Strama & Brothers was directly involved in the mosaic's design and construction, the firm played matchmaker between Arcari and the artisans best capable of realizing his vision. "The floor mosaic was designed here in my office by myself and whoever else was working on the project at the time," Arcari recalls. "At first we actually considered doing it in stone, in a granite or a marble. But the space began to develop and there was a lot of wood in there, so we decided to change the mosaic over to wood – also for



The large elliptical mosaic in the lobby of the Memorial Library and Art Collection of World War II in New York City was fabricated by Thomas D. Osborn using only two types of wood – quarter-sawn white oak and cabreuva. It measures 15 ft. 6 in. by 9 ft. 4 in. Photo: courtesy of Thomas D. Osborn Mosaic Hardwood Floors

weight reasons and other complications that deal with setting granite or marble. And Strama found Thomas Osborn and brought the two of us together."

Since 1988, Thomas D. Osborn Mosaic Hardwood Floors of Holyoke, MA, has specialized in the custom design, fabrication and installation of commissioned parquet and inlaid hardwood floors. Tom Osborn and Frances Welson are the firm's co-owners and co-founders. "It was Stanley Strama, the general contractor, who contacted us first," Osborn says. "They just found us on the Web." After this initial approach in November of 2006, Osborn was able to visit the site the following month, and then the work on the floor mosaic began in earnest.

"The architects gave us a design and then we back-and-forthed with it a few times," says Osborn. "We pointed out some problems in terms of the design working in a floor, but it was still their design."

"We work in a number of different ways," Welson adds. "Sometimes it's a situation like this, where clients come to us with a very clear idea of what they want, and we just make some suggestions – 'If you modify it this way, it will give you something stronger or look better' – and help them select the woods. The other extreme is when people come to us and say, 'We want to do something special but we don't know what,' and we work with them to come up with something that works aesthetically and architecturally, and serves to enhance the space."

"The biggest issue was choice of woods," Osborn insists. "There was a plethora of woods to pick from, and the architects started off wanting five or seven different types, but we convinced them that would be a little bit too much, visually, and so they went with quarter-sawn white oak and a wood called cabreuva – just the two types. What's nice about this floor is its flow; even though the mosaic design is all arcs and parts of ellipses, there's a nice flow to it. But if you start bringing too many visual elements into it, that flow will start to get lost. So they went with just

these two types of wood, and the colors are an off-white, which is the white oak, and a reddish color, which is the cabreuva – some people mistake it for mahogany."

Those elaborate flowing ellipses make for a magnificent design, but the actual creation of the mosaic's wooden pieces proved to be a massive task. "It's a very large ellipse, and mathematically, an ellipse is a very complex shape," Welson relates. "So the cutting of the ellipse presented some challenges of its own." To obtain the precise length and curve required by the design, Osborn had to create a very challenging jigsaw puzzle for himself: "Because of the way the arcs flowed, there were all these little junctions, and the pieces had to meet at each one of those junctions very, very precisely. So the technical challenges of installing this were — well, most of my stuff is different, but this was really something else! And we do it all ourselves."

When asked how many pieces were used all together for the mosaic, both Osborn and Welson succumbed to gales of laughter. After he was able to catch his breath, Osborn could only say, "Many, many, many, many! I don't remember the exact number – and I don't want to count because I don't want to know how much time I spent on it!"

The complex installation of this floor mosaic also defied some of the firm's standard methods. "Ordinarily, we tongue-and-groove as much as we can," Welson points out. "But in some situations, such as this one, we just can't, and so we combine other techniques."

"There was some tongue-and-groove but not a lot," Osborn continues. "Each section is composed of multiple pieces of 3-in.-wide flooring, and each section



Above: Each section of the mosaic was made of multiple pieces of 3-in.-wide flooring and each was laid down like flooring, using adhesive and then nailed in place. Because 3/4-in. wood was used for the project, it will require very little maintenance.

Right: Careful measuring and planning was required to fabricate the floor mosaic. The wood braces shown here are part of an elliptical jig cutter that Osborn built for cutting the elliptical shapes.

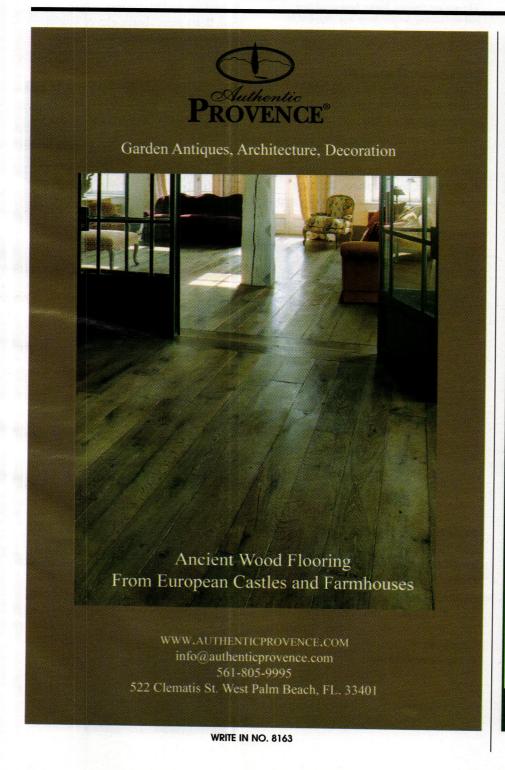
was laid down like flooring, using a wood adhesive underneath and then nailed. Almost all of the curved edges were grooved, splined, and glued with wood glue."

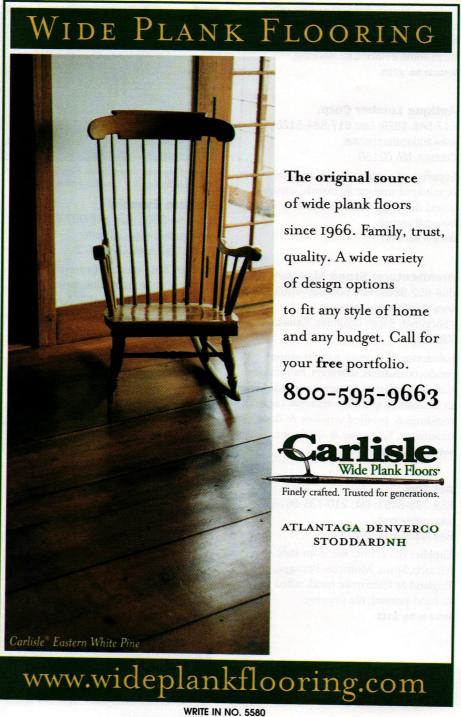
Despite the high-traffic location for the mosaic, no special treatment was deemed necessary to protect the wood. "It's 3/4 of an inch of wood," Osborn explains, "so it's going to be kind of hard to permanently damage it. Depending on how much traffic they'll get, every few years they will have somebody come in and do a little maintenance on it. I believe it's going to have a polyurethane finish on it, and when that starts to get a little bit fogged up, they then will go over it with a light abrasive pad and buff it, and then put another coat of polyurethane on it. So it never really wears through to the wood."



By the spring of 2007, Osborn's epic effort was completed. "It hasn't been sanded and finished yet," he admits, "but we're not doing that part of it. Most of the rest of the site is also white oak, so when everything is almost done, they're going to have someone come in and sand and finish the whole thing." **B** 

The Memorial Library and Art Collection of World War II is putting out a call to anyone who could donate photographs, diaries, and/or letters written by veterans during the war, which describe their military experiences relating to any and all aspects of World War II. Interested parties can contact www.thememoriallibrary.org.





# **Custom Flooring**

To order product literature, go to www.traditional-building.com 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. 9934**.



American Restoration Tile manufactured this 1-in. hexagonal, unglazed porcelain tile for the Capital Hotel in Little Rock, AR.

#### American Restoration Tile, Inc.

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

Custom manufacturer of historical tile: for fireplaces, flooring, kitchens, baths & custom mosaics; restoration & new construction; custom matching of glazed & unglazed tile.

Write in No. 8032

#### **American Slate Company**

800-553-5611; Fax: 925-977-4885 www.americanslate.com Walnut Creek, CA 94596

Supplier of slate roofing tile: 16- & 24-in. sizes; colors ranging from grays & greens to black, purple & multi-colors: other sizes & graduated roofing on request; for textured appearance, thickness up to 1 ½ in. in some colors; slate flooring.

Write in No. 2723

#### **Antique Lumber Corp.**

617-548-1829; Fax: 617-884-5120 www.antiquelumber.net Chelsea, MA 02150

Supplier of vintage wood: antique & salvaged timbers & boards; antique wood flooring; random-width & wideboard flooring.

Write in No. 1457

#### **Architectural Stone Masonry**

604-852-9662; Fax: 604-850-9062 www.stonemasonsarch.com Abbotsford, British Columbia, Canada V3G 3C1

Fabricator of custom natural-stone products: mantels, stairways, balustrades, Classical columns, exterior wall cladding in smooth & split-face textures, crown moldings & profiled window & door treatments; limestone & sandstone.

Write in No. 1656

#### **Art Tile**

888-735-8453; Fax: 210-733-6673 www.arttile.com San Antonio, TX 78212

Supplier of ceramic tile from Italy, Mexico, Spain, Morocco, Portugal, England & California; handcrafted & hand painted; tile flooring.

Write in No. 1011

#### Authentic Joinery & Millwork, LLC

404-841-4818; Fax: 404-841-4819 www.afwd-llc.com Atlanta, GA 30327

Supplier of windows & doors: many styles & sizes; various woods; wood flooring & millwork.

Write in No. 1761



This clear and select grade flooring was supplied by Bear Creek Lumber.

#### **Bear Creek Lumber**

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

Supplier of tongue-&-groove paneling, shingles, shakes, flooring & decking: red cedar, Port Orford cedar, cypress, pine, fir, hemlock, spruce, jatoba & more; kiln dried; clear & select grades.

Write in No. 521



Tumbled travertine from Cantera Especial was used to create this flooring in a Versailles pattern.

#### Cantera Especial

800-564-8608; Fax: 818-907-0343 www.cantera-especial.com Pacific Palisades, CA 90272

Custom hand carver of natural-stone products made from limestone, cantera, adoquin, travertine, marble & sandstone quarried in Europe & Mexico: fireplaces, fountains, columns, balustrades, molding & sculpture.

Write in No. 31



Antique oak floor boards from Carlisle were used to create this elegant floor.

#### **Carlisle Wide Plank Floors**

800-595-9663; Fax: 603-446-3540 www.wideplankflooring.com Stoddard, NH 03464

Custom manufacturer of traditional wide-plank flooring & paneling: hand selected from antique & old-growth pine & hardwoods; deals directly with homeowners, builders, architects & specialists in historic restoration & reproduction.

Write in No. 5580

#### Carlson's Barnwood Co.

309-522-5550; Fax: 309-522-5123 www.carlsonsbarnwood.com Cambridge, IL 61238

Supplier of antique barn wood & salvaged materials: planks, beams, dimensional lumber, re-milled flooring & architectural antiques; pine & oak; complete timber frames & barns; salvaged doors, windows & shutters.

Write in No. 2744



The antique flooring, beams, barn-wood trim and wainscoting for this room were supplied by Carlson's Barnwood.

#### Champlain Stone, Ltd.

518-623-2902; Fax: 518-623-3088 www.champlainstone.com Warrensburg, NY 12885

Manufacturer of building & landscaping stone & stone flooring: guillotined & hand-split granite, quartzitic sandstone & limestone; for fireplaces, building veneer, wall stone, flagging, paving, step slabs & retaining walls.

Write in No. 4270



Champlain Stone used South Bay quartzite flagging for this floor.

#### Chestnut Specialists, Inc.

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

Manufacturer of antique wood for flooring: chestnut, oak, pine & hemlock; hewn barn beams, weathered siding & sheathing planks.

Call for more information.



Antique random-width wide-plank oak from Chestnut Specialists can be used to create custom flooring.

#### Classic Terra Cotta Co.

888-837-7286; Fax: 866-304-4082 www.terracottapavers.com Pacific Palisades, CA 90272

Manufacturer of architectural terra cotta: hand-pressed, high-fired historic terracotta pavers, made of finest earthen clay combinations; stair treads; wall caps.

Write in No. 0769

#### Country Road Associates, Ltd.

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

Supplier of reclaimed wood: wide board & random width; chestnut, maple, oak, pine, heart pine, cherry, elm & walnut; distributor of reclaimed barn siding, hand-hewn beams, paneling & cabinetry. Write In No. 7480



Country Road Associates produces handcrafted flooring, as well as cabinetry and furniture, from 19thcentury reclaimed white pine, hemlock, oak, heart pine, chestnut, cherry and walnut.

#### Craftsman Lumber Co.

978-448-5621; Fax: 978-448-2754 www.craftsmanlumber.com Groton, MA 01450

Manufacturer of wood flooring & custom millwork: wide-plank flooring & clapboards; eastern white pine, red pine, red oak & other native hardwoods; all drying & milling done on premises.



Craftsman
Lumber supplied the
white pine
boards for the
flooring and
paneling in
this room.

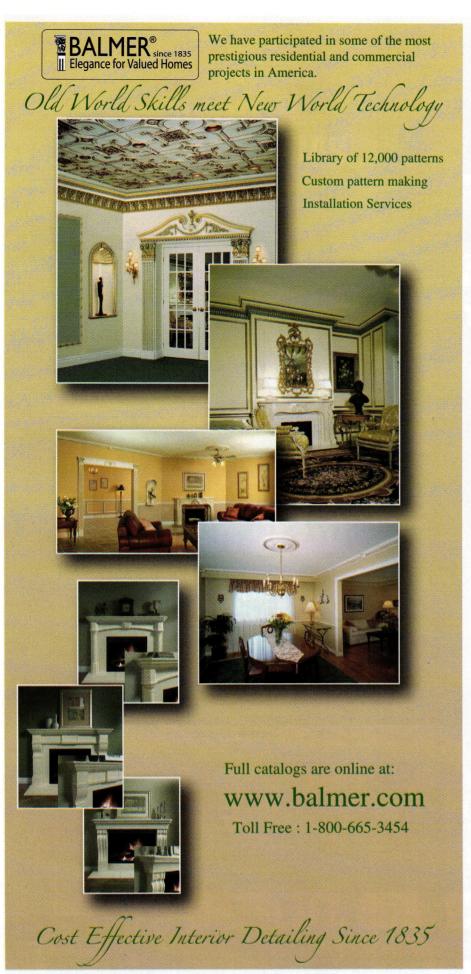
# It's all about the finish...



The Highest Quality ~ The Lowest Toxicity

Polymerized Tung Oil Wood Finishes
For Floors, Walls, Cabinetry & Fine Furniture
Use on any Wood or Porous Stone
Formulated for Interior and Exterior Applications

Sutherland Welles Ltd.® toll free 800-322-1245 www.tungoilfinish.com



**WRITE IN NO. 3159** 



# www.traditional-building.com

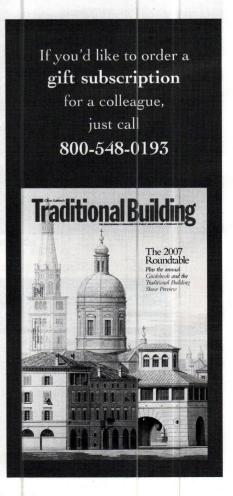
The internet marketplace for historical products & services

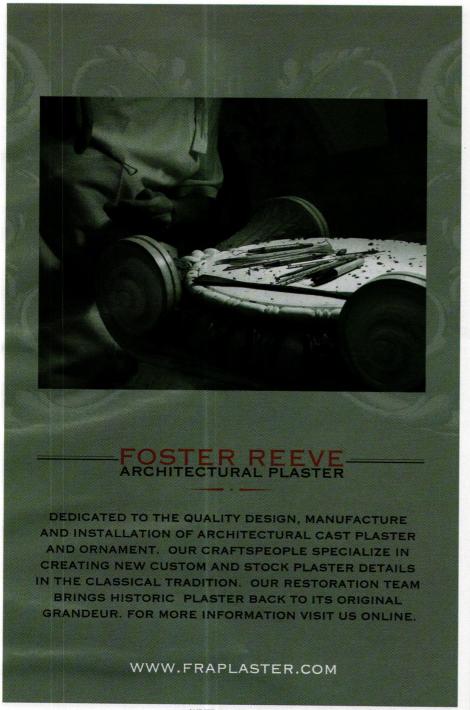
Announcing a New Way to...

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

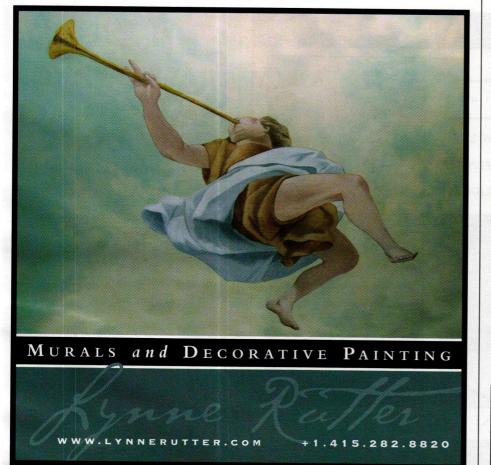
www.TradWebDirectory.com





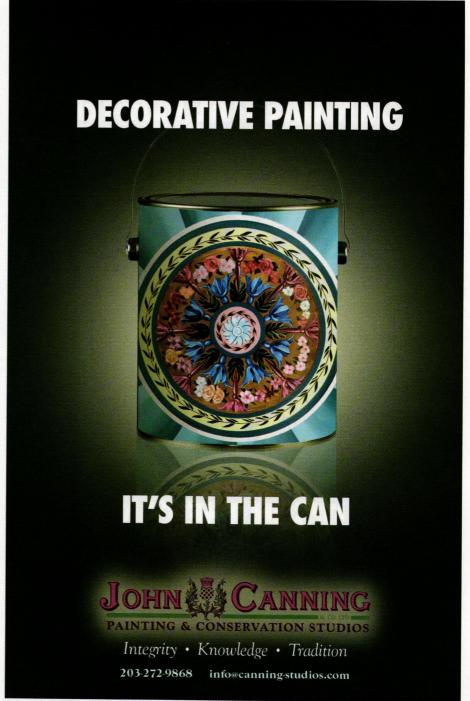


**WRITE IN NO. 1731** 



WRITE IN NO. 4710

When contacting companies you've seen in the issue, please tell them you saw their listing in Traditional Building.



WRITE IN NO. 5100



WRITE IN NO. 769

# www.traditional-building.com

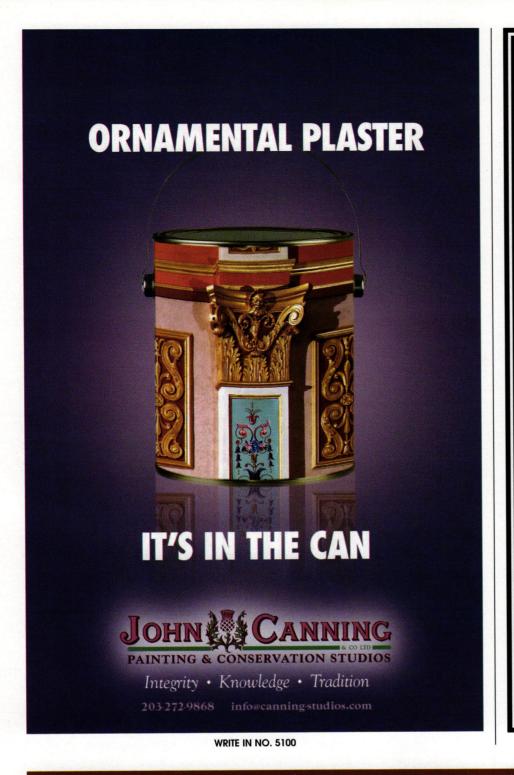
Internet Gateway to Historical Products

The central website for historical 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.

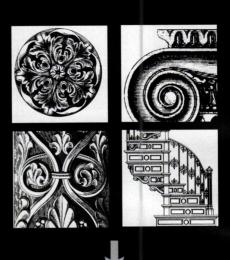
- Searchable Product Database with 255 product categories
- ■727 companies listed and indexed in the Product Database
- 276 online product brochures
- Links to 673 companies and related organizations
- In-depth Product Report of the Month
- E-mail order form for Product Literature

Log onto and then bookmark:

www.traditional-building.com



# Surfithe Industry



Online data & links for more than 673 suppliers of products & services for restoration, renovation and historically inspired new construction for civic & commercial projects.

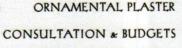
www.traditional-building.com

#### 29 years of INNOVATION & CRAFTSMANSHIP in the Decorative Arts



Custom Services in. DECORATIVE PAINTING DESIGN-BUILD

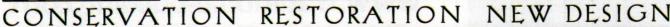
MURALS & TROMPE L'OEIL ORNAMENTAL PLASTER











NEW YORK (212) 244-2800 450 W. 31st Street, 7th Fl., NY, NY 10001 www.EverGreene.com info@EverGreene.com

CHICAGO (708) 358-1642 711 South Blvd., Ste. 7, Oak Park, IL 60302

WRITE IN NO. 2460 FOR PAINTING & NO. 2678 FOR PLASTERWORK



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

# PATRON: HIS ROYAL HIGHNESS THE PRINCE OF WALES

# The 2008 PALLADIO AWARDS

#### **Honoring Excellence** in Traditional Commercial & Civic Design

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

> Palladio awards for Commercial & Civic Architecture will be considered in five categories:

- Restoration & Renovation
- Adaptive Reuse &/or Sympathetic Addition
- New Design & Construction less than 30,000 sq.ft.
- New Design & Construction more than 30,000 sq.ft.
- Public Spaces: Parks, Plazas, Gardens, Streetscapes

The deadline for entries is November 15, 2007.

For details on the awards program, judging criteria, submission requirements and deadlines, go to www.palladioawards.com

# **Custom Landscape, Main Street & Garden Specialties**

To order product literature, go to www.traditional-building.com 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. 9936**.

#### 1.800.COLUMNS

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

Catalog distributor of fine architectural products: Chadsworth Columns, Hartmann-Sanders Authentic Architectural Columns, Polystone Columns, Polystone Balustrade Series, and Classic Pergolas; job-site delivery.

Write in No. 1580 for Polystone; 180 for wood

#### **A&M Victorian Decorations, Inc.**

800-671-0693; Fax: 626-575-1781 www.aandmvictorian.com South El Monte, CA 91733

Manufacturer of architectural elements: molding, columns, balustrades, wall caps, coping, fountains, planters, gazebos & more than 70 styles of mantels; gypsum & cast stone; custom designs.

Call for more information.

#### A-Art/B. Rasmussen, Ltd.

314-962-1842; Fax: 314-962-4816 www.bestofmissourihands.org Saint Louis, MO 63144

Art studio: signs, sculpture, wood carvings, decorative painting & gilding; custom designs; restoration, replication & refinishing; professional-opinion replacement cost estimates for insurance purposes.

Write in No. 821

#### A.R.K. Ramos

800-725-7266; Fax: 405-232-8516 www.arkramos.com Oklahoma City, OK 73109

Supplier of plaques, letters & signage: cast & etched aluminum, cast brass & cast bronze; full line of interior & exterior ADA signage.

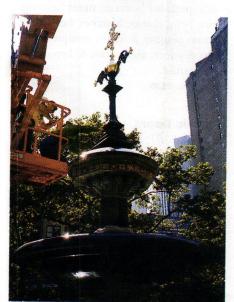
Write in No. 1498

#### **Acorn Forged Iron**

508-339-4500; Fax: 508-339-0104 www.acornmfg.com Mansfield, MA 02048

Supplier of forged-iron & forged stainless-steel decorative hardware: cabinet, shutter, gate & interior & exterior door hardware; cast-iron registers & grilles; hand-forged bath accessories; handforged decorative-head nails.

Write in No. 1690



The ornamental bronze spire of the Jacob Wrey Mould Fountain in New York City's Central Park was replicated by Allen Architectural Metals.

#### Allen Architectural Metals, Inc.

800-204-3858; Fax: 256-761-1967 www.allenmetals.com Talladega, AL 35161

Manufacturer of ornamental metal: street amenities, signage, lighting, columns, building components, doors, cupolas, finials, cresting, architectural elements, canopies, bollards, railings & grilles; variety of alloys & finishes.

Write in No. 1005

#### American Restoration Tile, Inc.

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

Custom manufacturer of historical tile: for fireplaces, flooring, kitchens, baths & custom mosaics; restoration & new construction; custom matching of glazed & unglazed tile.

Write in No. 8032

#### Aqua Control, Inc.

800-377-0019; Fax: 815-664-4901 www.aquacontrol.com Spring Valley, IL 61362

Manufacturer of floating display aerators & fountains: more than 30 spray patterns from 1/2 to 40 hp; floating & bowl fountains, bottom circulators & waterfall pumps; sells internationally.

Write in No. 983



This spider and arch fountain from Aqua Control is available in 3- and 7½-horsepower versions.

#### Architectural Components, Inc.

413-367-9441; Fax: 413-367-9461 www.architecturalcomponentsinc.com Montague, MA 01351

Manufacturer of reproduction & custom wood windows & doors: true-divided lites with insulated glass; wood-framed storm sash & screens; renovation & restoration projects & new construction; paneled walls & storefronts; catalog \$5.

Call for more information.



Architectural Pottery handmade this Italian terra-cotta wall fountain.

**Architectural Pottery** 

888-ARCH-POT; Fax: 714-898-5109 www.archpot.com Midway City, CA 92655

Importer of handcrafted Italian & Greek statuary & other items: terra-cotta urns &

ornament; hand-carved Italian limestone & English-style stone reproductions; balustrades, columns, benches, bollards, fountains & trash receptacles.

Write in No. 20

#### **Architectural Stone Masonry**

604-852-9662; Fax: 604-850-9062 www.stonemasonsarch.com Abbotsford, British Columbia, Canada V3G 3C1

Fabricator of custom natural-stone products: mantels, stairways, balustrades, Classical columns, exterior wall cladding in smooth & split-face textures, crown moldings & profiled window & door treatments; limestone & sandstone.

Authentic Provence, Inc.

Write in No. 1656

561-805-9995; Fax: 561-805-5730 www.authenticprovence.com West Palm Beach, FL 33401

Importer & distributor of antique handcarved stone garden ornament: French limestone & Italian marble; antique gates, wrought-iron & wood gates & trellis; hand-sculpted fountains, plaques, terracotta planters, gazebos & pavilions.

Write in No. 8163



Authentic Provence imports a large variety of zinc planters, in addition to other garden ornament.

#### **Balquist Carving Studio**

781-545-9993; Fax: 781-545-9998 340 Gannett Rd. Scituate, MA 02066

Designer & producer of hand-carved wood ornament, sculpture & signage: reproduction & restoration of decorative wood elements.

Write in No. 1274

#### Bamboo & Rattan Works, Inc.

800-422-6266; Fax: 732-905-8386 www.bambooandrattan.com Lakewood, NJ 08701

Manufacturer of bamboo products: thatch, fencing, gates & traditional Japanese water features; water spouts & deer chasers; half-round bamboo for water troughs; mats & boards for wallcoverings; thatch, slats, bark, cloth & more.

Write in No. 5830



Bamboo & Rattan Works created this woven gate in bamboo.



Red cedar shingles from Bear Creek adorn this gazebo in Newport, RI.

#### **Bear Creek Lumber**

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

Supplier of tongue-&-groove paneling, shingles, shakes, flooring & decking: red cedar, Port Orford cedar, cypress, pine, fir, hemlock, spruce, jatoba & more; kiln dried; clear & select grades.

Write in No. 521

#### Campbellsville Industries, Inc.

800-467-8135; Fax: 270-465-6839 www.cvilleindustries.com Campbellsville, KY 42718

Manufacturer & installer of architectural metalwork: steeples, cupolas, clock towers, finials, weathervanes, dormers, cornices, crosses, columns, balustrades, picket & paneled railings; aluminum, copper, zinc & lead-coated copper.

Write in No. 2730

#### **Cantera Especial**

800-564-8608; Fax: 818-907-0343 www.cantera-especial.com Pacific Palisades, CA 90272

Custom hand carver of natural-stone products made from limestone, cantera, adoquin, travertine, marble & sandstone quarried in Europe & Mexico: fireplaces, fountains, columns, balustrades, molding & sculpture.

Write in No. 31



This fountain was fabricated in Italian limestone by Cantera Especial.

#### **Canterbury International**

323-936-7111; Fax: 323-936-7115 www.canterburyintl.com Los Angeles, CA 90016

Designer & manufacturer of architectural site furnishings: clocks, benches, sculpture & custom products; for more than 40 years.



This 1890 hexagonal bench is one of many styles that can be custom made by Canterbury International.

#### **Canterland of Mexico**

800-564-8608; Fax: 818-907-0343 www.canterlandmex.com Pacific Palisades, CA 90272

Factory-direct manufacturer of Yucatan limestone products: fountains, mantels, balustrades, stairs, columns, countertops & more; in Coquina, Ticul & Crema Maya stone.

Write in No. 1825

#### Carlson's Barnwood Co.

309-522-5550; Fax: 309-522-5123 www.carlsonsbarnwood.com Cambridge, IL 61238

Supplier of antique barn wood & salvaged materials: planks, beams, dimensional lumber, re-milled flooring & architectural antiques; pine & oak; complete timber frames & barns; salvaged doors, windows & shutters.

Write in No. 2744

#### Champlain Stone, Ltd.

518-623-2902; Fax: 518-623-3088 www.champlainstone.com Warrensburg, NY 12885

Manufacturer of building & landscaping stone & stone flooring: guillotined & hand-split granite, quartzitic sandstone & limestone; for fireplaces, building veneer, wall stone, flagging, paving, step slabs & retaining walls.

Write in No. 4270



American Granite, a medium- to coarse-grain handsplit stone from Champlain Stone, was utilized in the creation of these steps and walls.

#### Classic Terra Cotta Co.

888-837-7286; Fax: 866-304-4082 www.terracottapavers.com Pacific Palisades, CA 90272

Manufacturer of architectural terra cotta: hand-pressed, high-fired historic terracotta pavers, made of finest earthen clay combinations; stair treads; wall caps.

Write in No. 769



The Garden City model of aluminum prefabricated shelters from Columbia Equipment can be manufactured in different sizes and finishes and with different roof designs.

#### Columbia Equipment Co., Inc.

800-742-1297; Fax: 718-526-4110 www.columbiaequipment.com Jamaica, NY 11433

Manufacturer of prefabricated aluminum passenger shelters, smoking shelters, bus shelters, kiosks, benches

& related street furniture: variety of standard & custom designs; streetscape improvement models; outbuildings.

Write in No. 3105

#### Columns.com

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

Internet distributor & web-based mall for architectural products: columns, pilasters, decorative capitals, moldings, balustrades & pergola kits; can rate & compare various manufacturers; job-site delivery; worldwide shipping.

Write in No. 1899

#### **Custom Home Accessories. Inc.**

800-265-0041; Fax: 916-635-0228 www.mailboxes.info Rancho Cordova, CA 95742

Manufacturer of metalwork accessories: weathervanes, cupolas, finials, roof caps, mailboxes, lighted address plaques, signs & lampposts; cast aluminum, bronze, brass & copper; custom sizes.

Write in No. 527



This cast-aluminum mailbox and post, model #519K from Custom Home Accessories, is available in verde green and other colors.

D.J.A. Imports, Ltd.

718-324-6871; Fax: 718-324-0726 www.djaimports.com Bronx, NY 10466

Distributor of architectural metal components: gates, railings, stairs, gate & door hardware, machinery for the metal industry & specialty items; stainless steel & aluminum; reproductions; riveted gates & railings, operators & more.

Write in No. 495

Dahlhaus Lighting, Inc.

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

Manufacturer of street furnishings & lighting: benches, clocks, plaques, street lamps, lanterns, bollards, fountains, ornament & mailboxes in European styles; for residential, commercial & civic sites. Write in No. 2767



The 10-ft. tall, foursided bracket clock was fabricated by Elderhorst Bells.

#### Elderhorst Bells, Inc.

800-810-7892; Fax: 215-679-3692 www.elderhorstbells.com Palm, PA 18070

Manufacturer of clock movements & complete clock & bell systems: cast-bronze bells, mini carillons, chimes, moving-figure displays & bell-ringing equipment; controls furnished & installed. Write in No. 2100

#### **F2 Industries**

888-895-4224; Fax: 815-895-4214 www.f2industries.com Sycamore, IL 60178

Designer & fabricator of architectural & ornamental metalwork: doors, fences, gates, railings, lighting, sculpture & more; Art Nouveau, Art Deco, French, Italian, Spanish & German styles; restoration services.

Write in No. 1875

#### **FAAC International, Inc.**

800-221-8278; Fax: 970-223-2588 www.faacusa.com Cheyenne, WY 82007

Manufacturer of gate operators: swing-, slide- & barrier-gate systems.

Write in No. 531



FAAC International's hydraulic in-ground swing gate operators are designed to handle large gates.

#### Fagan's Forge

888-963-0130; Fax: 860-963-0130 www.fagansforge.com Pomfret Center, CT 06259

Supplier of hand-forged door hardware: reproduced from firm's collection of 18th-century wrought-iron latches, hinges, bolts, hooks, pulls & more; strap hinges for barn doors; shutter dogs; iron trammel hooks for fireplace cranes.

Write in No. 1010

#### **Fine Architectural Metalsmiths**

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

Designer & custom fabricator of ornamental metalwork: period-appropriate motifs; custom lighting; curved, straight & monumental stairs; driveway & garden gates; hand forged & wrought iron, bronze & aluminum.

Write in No. 2640



This Two
Shell Wall
Fountain was
fabricated by
Florentine
Craftsmen;
it measures
46x24 in.

#### Florentine Craftsmen, Inc.

800-876-3567; Fax: 718-937-9858 www.florentinecraftsmen.com Long Island City, NY 11101

Manufacturer of garden ornament & other ornamental metalwork & stonework: freestanding & wall-mounted fountains, statuary, urns, planters, wrought-iron gazebos, furniture & more; weathervanes; cast stone, cast aluminum & lead.

Call for more information.

## Gladding, McBean - Div. of Pacific Coast Bldg.

800-776-1133; Fax: 916-645-1723 www.gladdingmcbean.com Lincoln, CA 95648

Manufacturer of sculptural ornamentation, machine-extruded terra cotta, roof tile, chimney tops, pavers, garden pottery & vitrified sewer pipes: terra-cotta balustrades, copings, cornices & more; custom-glaze development.

Write in No. 1706

#### Haddonstone (USA), Ltd.

856-931-7011; Fax: 856-931-0040 www.haddonstone.com Bellmawr, NJ 08031

Manufacturer of Classical stonework: columns, balustrades, benches, planters, urns, pavers, fountains, gazebos, mantels, statuary & more; cast, reconstructed limestone resembling Portland stone; more than 500 designs.

Write in No. 4020



The Crescent sundial from Haddonstone has an hour band engraved with the Latin inscription "Hora Quasi Umbra," which translates as "time is but a shadow."

#### Herwig Lighting

800-643-9523; Fax: 479-968-6422 www.herwig.com Russellville, AR 72811

Designer & manufacturer of cast metalwork: pendant lanterns, street lighting, posts, bells, clocks, benches, bollards, custom plaques & signs, antique fence posts & more; aluminum & bronze; handcrafted.

Write in No. 9130

#### Historic Doors

610-756-6187; Fax: 610-756-6171 www.historicdoors.com Kempton, PA 19529

Custom fabricator of wood windows & doors: casing; circular & crown moldings; complete entryways; wood storefronts; restoration & period-style construction.

Joodwin International Statues Fountains Gladding McBean Greek Planters Garden Ornaments Handcast Sandstone Italian Terra Cotta How unbelievably beautiful can your next project be?... 3121 South Oak Street

WRITE IN NO. 4160

Santa Ana, CA 92707 800-600-3200

www.goodwininternational.com



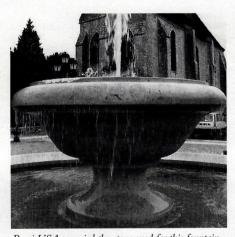
This tiered fountain was sculpted in Vicenza Stone by the artisans at Rossato Giovanni.

#### Rossato Giovanni, srl/ Vicenza Stone Sculpture

011-39-0444-928499; Fax: 011-39-0444-928711 www.vicenzastone.com 36100 Vicenza, Italy MVI 002134

Fabricator of handmade sculpture: Classical statues, fountains, columns, benches, vases, planters, putti, urns, wells, statuary & more; made of Vicenza stone to last for centuries.

Write in No. 6110



Rossi USA quarried the stone used for this fountain, which it also fabricated.

#### Rossi USA Corp.

708-386-0183; Fax: 708-386-0186 www.rossilimestone.com Forest Park, IL 60130

Quarrier & fabricator of French limestone: dimensional cut, tile, pavers, slabs, cleft stones, castle stones, vanities, fireplaces, fountains, retaining walls & sculpture; inventory & showroom in U.S. Write in No. 392



The Frank E. McKinney Jr. bowl fountain in Bloomington, IN, was fabricated by Schiff Architectural Detail.

#### **Schiff Architectural Detail**

617-887-0202; Fax: 617-887-0127 www.schiffarchitectural.com Chelsea, MA 02150

Custom fabricator of metalwork: exterior lamps, lampposts, plaques, fences, fountains & interior & exterior railings; nonferrous forged work; machine-shop service; rubber molding & pattern work; historical restoration.

Write in No. 7730

#### **Scottsdale Art Factory**

800-292-0008; Fax: 800-292-0046 www.artfactory.com Scottsdale, AZ 85260

Custom manufacturer of furniture, grand entrance doors, gates, lighting & hard-ware: handmade in exotic woods, stone, copper, iron & leathers; more than nine decades of craftsmanship.

Write in No. 1625

#### Seal Reinforced Fiberglass, Inc.

631-842-2230; Fax: 631-842-2276 www.sealfiberglass.com Copiague, NY 11726

Supplier of FRP building components: cornices, cupolas, columns, balustrades, brackets, planters, urns, water features & garden ornament; full-service mold & tool fabricator; on-site molds.

Write in No. 1882

#### Seibert & Rice

973-467-8266; Fax: 973-379-2536 www.seibert-rice.com Short Hills, NJ 07078

Importer of handmade Italian terracotta items: benches, garden planters, urns & ornaments; high relief, fine detailing & frost proof; from Impruneta, Italy; extensive inventory; custom capabilities; catalog \$5.

Write in No. 5500



Seibert & Rice offers custom terra cotta planters and urns made in Impruneta, Italy.

## Southern Group Enterprise - Unique Mantel Co.

888-458-3716; Fax: 909-464-1787 www.uniquemantel.com Pomona, CA 91766

Manufacturer & distributor of architectural fireplace mantels, statues & benches in natural marble: hand carved; distributors pay factory prices.

Write in No. 963

#### Steptoe & Wife Antiques Ltd.

800-461-0060; Fax: 416-780-1814 www.steptoewife.com Toronto, Ontario, Canada M6B 1V9

Fabricator of architectural metalwork: spiral & straight staircases, railings, capitals, gates & grilles; copper, iron, aluminum, steel, brass & bronze fabrication for renovation & restoration projects; tin ceilings in Canada only.

Write in No. 470

#### Sternberg Lighting

847-588-3400; Fax: 847-588-3440 www.sternberglighting.com Roselle, IL 60172

Manufacturer of traditional & architectural lighting luminaires, poles, bollards, site amenities & landscape furnishings: wide selection of high-performance lamping reflectors, refractors & NightSky optical systems for luminaires.

Write in No. 6740

#### Stonesculpt

650-575-9683; Fax: 650-322-5002 www.customstonecarving.com Palo Alto, CA 94303

Custom fabricator of hand carvings in natural stone: mantels, sculpture, fountains, monuments, flooring, balustrades, columns, capitals, signage & landscape & other architectural ornament; traditional & contemporary styles.

Write in No. 371

#### **Tanglewood Conservatories**

410-479-4700; Fax: 410-479-4797 www.tanglewoodconservatories.com Denton, MD 21629

Manufacturer of handcrafted conservatories, greenhouses, gazebos, roof lanterns, cupolas & pool enclosures: Honduras mahogany; custom designs; fully engineered with stamped shop drawings; storefronts.

Write in No. 8270

#### **Torrance Steel Window Co.**

310-328-9181; Fax: 310-328-7485 www.torrancesteelwindow.com Torrance, CA 90501

Custom fabricator of steel casement windows, doors, storefronts & skylights: light-, standard- & heavy-intermediate grades; stock & custom sizes.

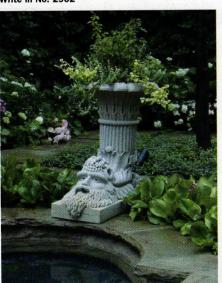
Write in No. 8330

#### **Traditional Cut Stone, Ltd.**

416-652-8434; Fax: 905-673-8434 www.traditionalcutstone.com Mississauga, Ontario, Canada L5S 151

European master carver: architectural ornamentation & monumental statuary; carved-stone mantels; restoration; historical reproduction in limestone, sandstone & marble; stone design with clay & plaster models; hand-drawn renderings.

Write in No. 2902



Hand-carved garden ornaments from Traditional Cut Stone feature Classical motifs.

#### Victoriana East

856-910-1887; Fax: 856-910-1884 www.victorianaeast.com Merchantville, NJ 08109

Custom fabricator of storm/screen doors: Victorian, country, Mission & Colonial styles; pine, poplar & oak;

custom brackets available; corbels, brackets, lattice & porch parts.

Write in No. 1101

#### Wagner Foundry, Inc.

800-276-1084; Fax: 773-276-9656 www.wagnerfoundry.com Chicago, IL 60622

Custom fabricator of architectural, art & industrial castings: hardware, sculpture, grilles, signage, plaques, storefront elements & cast-metal ornament; aluminum, bronze & brass; sand & lost-wax casting; ecclesiastical work.

Write in No. 1062



This painted aluminum storefront was created and installed by Wagner Foundry at the Amway Grand Hotel in Grand Rapids, MI; it incorporates hand-sculpted columns, fascia panels, finials and grilles.

#### **Walpole Woodworkers**

508-668-2800; Fax: 508-668-7301 www.walpolewoodworkers.com Walpole, MA 02081

Manufacturer of fencing, gates, arbors, furniture, gazebos, sheds & garden amenities: large selection of handcrafted cedar lamp posts; wide variety of post- & sidemount lanterns; many styles.

Write in No. 280



This picket fence from Walpole Woodworkers features curved radius sections designed to frame the arbor.

#### Weston Millwork Co.

816-640-5555; Fax: 816-386-5555 www.westonmillwork.com Weston, MO 64098

Custom fabricator of wood doors & windows: sash & door-frame components & complete units; storms & screens; historical reproductions & exact replicas.

#### Wiemann Ironworks

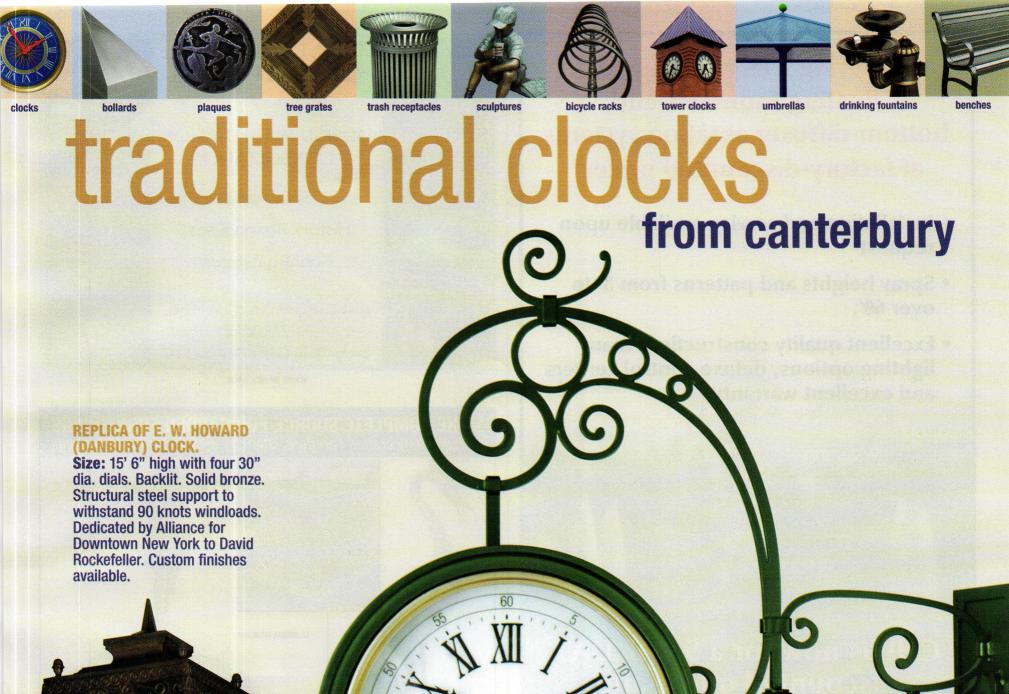
Write in No. 1316

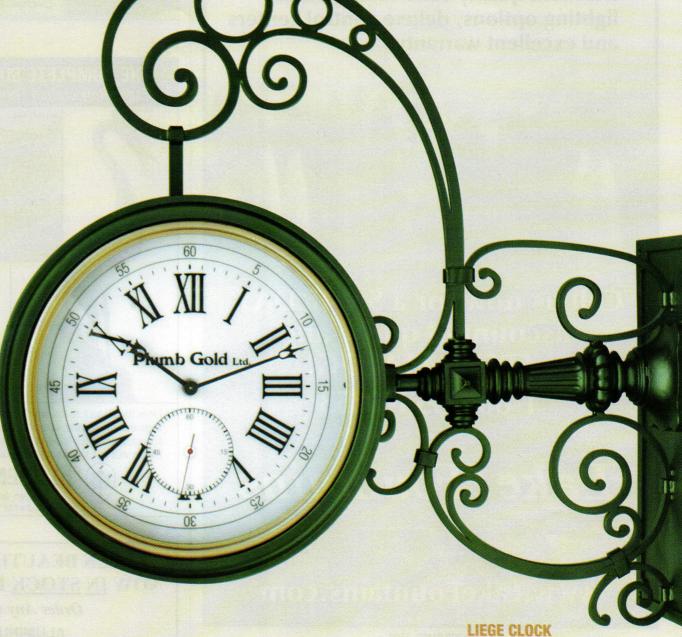
918-592-1700; Fax: 918-592-2385 www.wiemanniron.com Tulsa, OK 74104

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, gates, balustrades, lighting, fences, furniture, doors & fixtures; cast & wrought iron, bronze & aluminum; CAD services.



This custom fence was designed and fabricated by Wiemann Ironworks using solid-bar steel; to ensure longevity, it was galvanized before the urethane paint was applied.







Size: 37-1/2" square case with four 24" dia. dials. Backlit dials. Cast aluminum or bronze. Finish: To Architect's specifications.





If you can imagine it, we can build it! Call us with your most challenging project. NTERBURY INTERNATIONAL

Size: 20" dia. with twin

backlit dials. Dials have roman numbers. Sweep second hand dial. Cast aluminum case. Wrought steel scroll, cast iron post. Wall or ceiling mount.

800.935.7111 323.936.7111 323.936.7115 fax canterburyinc@earthlink.net www.canterburyintl.com

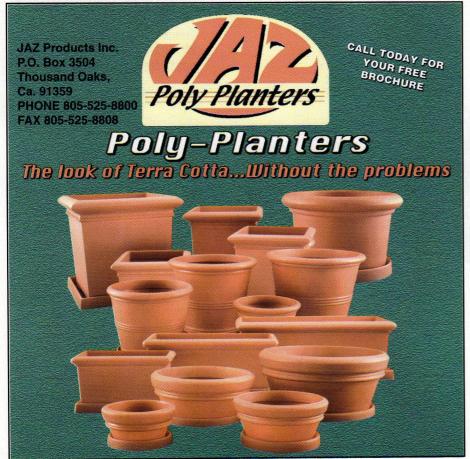
**WRITE IN NO. 1750** 

# Offering a large variety of floating fountains and bottom-diffuser aeration systems at factory-discounted prices!

- Installation and service available upon request
- Spray heights and patterns from 3' to over 60'.
- Excellent quality construction, many lighting options, deluxe control centers and excellent warranty!



WRITE IN NO. 1109

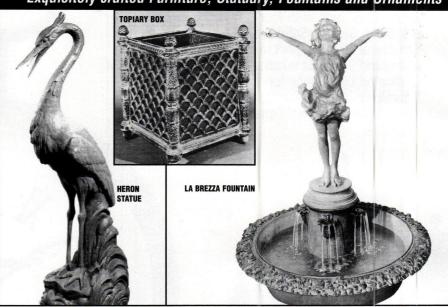


WRITE IN NO. 3170



**WRITE IN NO. 1901** 

# THE COMPLETE SOURCE FOR GARDEN FURNISHINGS Exquisitely crafted Furniture, Statuary, Fountains and Ornaments



From the elegant to the whimsical, **FLORENTINE CRAFTSMEN** has been making the finest in garden ornaments, statuary, fountains and furniture for over seventy years. Our extensive collection includes hand-crafted items made of lead, iron, aluminum, bronze and stone. Please visit our showrooms or send \$5.00 for our new 48 page catalogue of over 400 items.

# FLORENTINE CRAFTSMEN inc.

46-24 28th Street, Box TB, Long Island City, NY 11101 (718) 937-7632 • FAX: (718) 937-9858 • www.florentinecraftsmen.com

# SEVEN BEAUTIFULLY DETAILED TRIMS NOW IN STOCK IN COPPER & ALUMINUM!!

Order Any Quantity Up To 250 Feet:

ALUMINUM: \$2.75 LINEAR FOOT COPPER: \$9.50 LINEAR FOOT

Minimum order charge \$100.

Prices quoted are for .020" thick material

SAVE AT LEAST 25% ON ORDERS OF 500 FEET AND MORE!



F8534 Pine Bough – 4.165" wide

# Six additional designs shown on our website:

F8499-2 Wave Banding – 4.25" wide

F8530-2 Mountain Scene – 4.50" wide

F8485-1 Pavimento I – 3.585" wide

F8312-2 Acanthus Scroll – 3.460" wide

F8215-2 Mosaic Swirl – 4" wide

**F8489-2 Running Horses – 3.875" wide** 

## MORROW

129 Baker Street \* Providence \* RI \* 02905 \* USA Toll Free: 800-556-7688 \* 401-941-3900 \* Fax: 401-941-3810

www.frankmorrow.com \* sales@frankmorrow.com

WRITE IN NO. 1220

# www.traditional-building.com

The internet gateway to historical products











**CANTERLAND** 





#### **MÉXICO**

Calle 1-C #304 x 40 y 42 Col. Campestre. Mèrida, Yucatán, MÉXICO. CP 97120 tel: 011 52 9999 683121 fax: 011 52 9999 442431



#### USA

15233 1/2 Valleyheart drive Sherman Oaks, CA 91403 toll free: 800 748-8229 tel: 800 564-8608 fax: 818 907-0343



Left | CREMA MAYA

Center | TICUL

Right | COQUINA

WRITE IN NO. 1825

## **Concrete Designs**



**Morrison Side Feed** Litter Receptacle



**Bollards** 



**Curved Benches: Standard Semi-Custom and Custom** 



**Legacy Bench** 



**Morrison Bench** 

#### **Doty & Sons** Concrete Products, Inc.

1275 E State St. Sycamore, IL 60178

Toll Free: 1-800-233-3907 Fax: (815)-895-8035

www.dotyconcrete.com e-mail: info@dotyconcrete.com



Planters Over 55 Sizes Available

WRITE IN NO. 2090

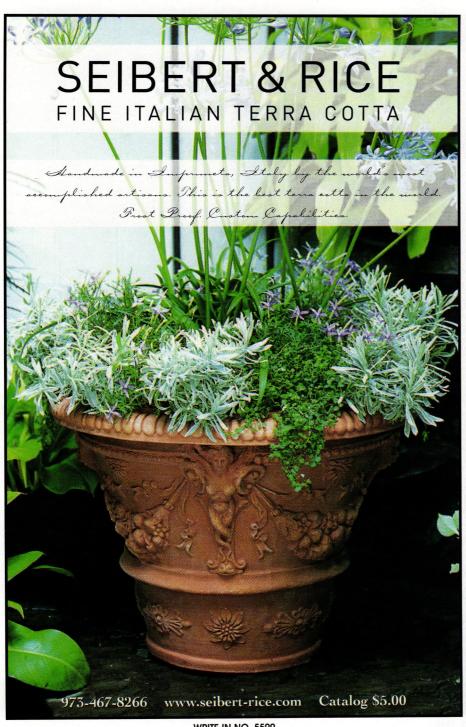
# Customize without compromise. Freeport

your drawings or ideas — from pergolas and steel-framed gates, to lattice panels, trellis systems and much more. For more information on custom designs and on hundreds of standard Walpole products in cedar and low maintenance AZEK® material, call national sales at 800-343-6948.

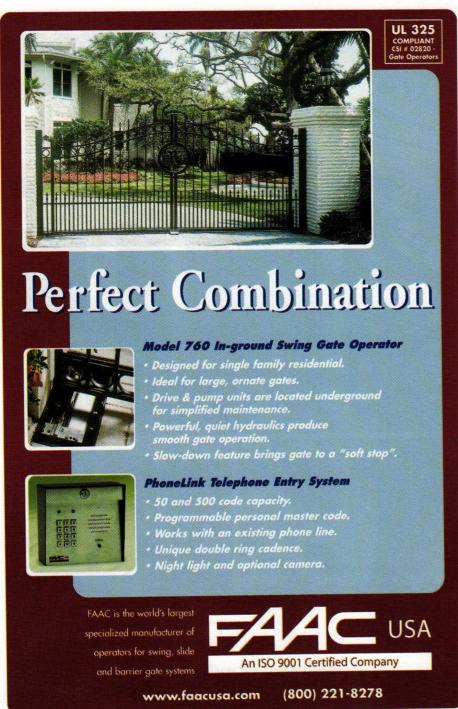
#### Walpole Woodworkers.

With more than 70 years of handcrafting experience, Walpole can custom design to

800-343-6948 • walpolewoodworkers.com

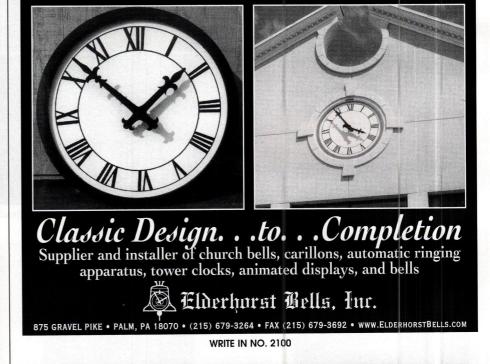


WRITE IN NO. 5500





WRITE IN NO. 983





Antique Reproductions Fireplaces & Fountains



French Limestone Antique Fireplaces Terra Cotta & Roof Tiles

\*

P.O. Box 352026 Los Angeles, CA 90035 Phone: 310-278-9829

Fax: 310-278-9651 www.limestoneconcept.com



WRITE IN NO. 5390

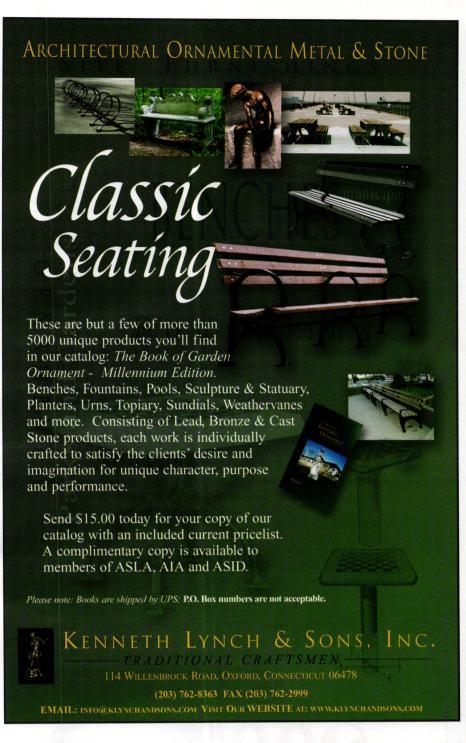


Specializing in books and materials for the historic building market.

Visit our new website and browse the virtual bookstore featuring 1000 recently acquired out-of-print or hard-to-find titles for preservationists and period homeowners.

www.rarebookstore.net

129 Park Street • North Reading, MA 01864 • 978.664.6455 • 978.664.5959 fax • rarebook@comcast.net





The fully digital custom photocolor print gives vibrant color.

Mint Hill estival

17" x 36" custom banner only \$36.00

- 2 sided printing sewn pole sleeves with finished brass grommets
- top and bottom HD brackets, 2 poles \$48.00

ll Flag Factory today for pricing Ask for Bart 800-868-7111 www.flagfactory.com

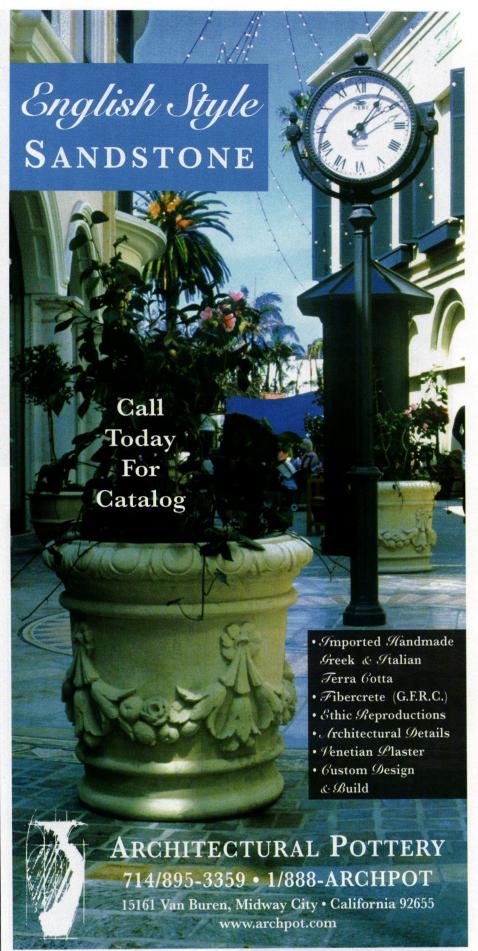
WRITE IN NO. 479

#### Modern Art Foundry Serving Artists & Communities Since 1932

COMPLETE SCULPTURE SERVICES CASTING IN ALL NON-FERROUS ALLOYS MAINTENANCE CONSERVATION RESTORATION ALL PATINAS ENLARGEMENTS
COMMEMORATIVE DESIGN FREE ESTIMATES



**WRITE IN NO. 1810** 





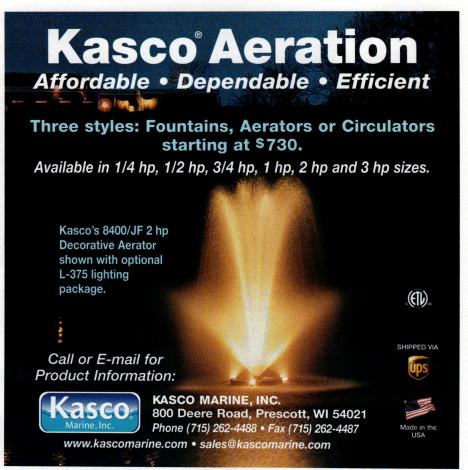
Bronze Markers Weathervanes & Street & Golf Course Signs 800-265-0041 www.mailboxes.info CUSTOM HOME ACCESSORIES

Custom Mailboxes

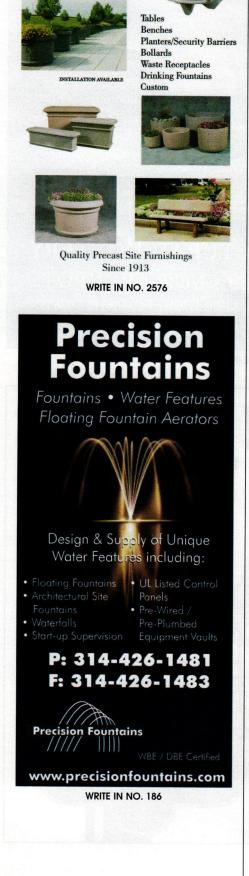
Address Plaques



WRITE IN NO. 527



WRITE IN NO. 1493



PETERSEN

Manufacturing Co., Inc. 2471 HWY 30 DENISON, IA 51442 800-832-7383 FAX 712-263-5090 E-MAIL: sales@petersennfg.com





#### BALQUIST CARVING STUDIO

7 Delawanda Road Hull, MA 02045 781-773-1576 BalquistC@comcast.net www.BalquistCarving.com

wood ornament, sculpture, and architectural decoration. Custom carving and restoration of corbels, capitals, finials, cartouches, filigree, and mantel reliefs.

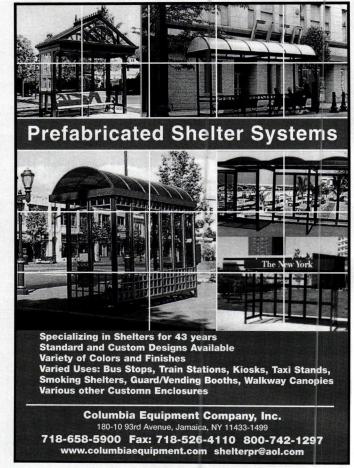
WRITE IN NO. 1274



Announcing a New Way to...

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

www.TradWebDirectory.com



WRITE IN NO. 3105





# **Custom Lighting & Electrical**

To order product literature, go to www.traditional-building.com 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. 9937**.

**AAMSCO Lighting, Inc.** 

843-278-0000; Fax: 843-278-0001 www.aamsco.com Summerville, SC 29483

Manufacturer of Ferrowatt-brand Edisonreproduction light bulbs: early carbon, 1910 Mazda tungsten & other models.

Write in No. 2240

**Al Bar-Wilmette Platers** 

866-819-7324; Fax: 847-251-0281 www.albarwilmette.com Wilmette, IL 60091

Restorer of lighting fixtures & antique hardware: period crystal & metal light fixtures; bronze, brass, copper, nickel, pewter, gold, silver & chrome; matching of existing hardware in restoration projects; will match any finish.

Write in No. 2636

Allen Architectural Metals, Inc.

800-204-3858; Fax: 256-761-1967 www.allenmetals.com Talladega, AL 35161

Manufacturer of ornamental metal: street amenities, signage, lighting, columns, building components, doors, cupolas, finials, cresting, architectural elements, canopies, bollards, railings & grilles; variety of alloys & finishes.

Write in No. 1005



The city of Chicago commissioned Allen Architectural Metals to re-create these bronze obelisk light fixtures and cast-iron lampposts from original castings.

# 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, wroughtiron components, balustrading, door hardware, lighting, ceiling tile, furniture & cabinet components & more.

Write in No. 1088

**Authentic Designs** 

800-844-9416; Fax: 802-394-2422 www.authenticdesigns.com West Rupert, VT 05776

Manufacturer of historical lighting fixtures: chandeliers, lanterns, sconces & table lamps; brass, copper, terne & Vermont maple; Early American & Colonial; CUL/UL listed for wet & damp locations; library binder \$15. Write In No. 60



This chandelier is one of many custom-made fixtures from Authentic Designs.

#### **Authentic Provence, Inc.**

561-805-9995; Fax: 561-805-5730 www.authenticprovence.com West Palm Beach, FL 33401

Importer & distributor of antique handcarved stone garden ornament: French limestone & Italian marble; antique gates, wrought-iron & wood gates & trellis; hand-sculpted fountains, plaques, terracotta planters, gazebos & pavilions.

TOTAL PROPERTY.

Write in No. 8163

#### **Ball & Ball Lighting**

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

Fabricator of historical lighting: chandeliers, sconces, pendants, lanterns & table lamps; Early American & Turn of the Century styles; antique & salvaged originals, new designs, custom work & reproductions; restoration services.

Write in No. 7660

#### **Bevolo Gas & Electric Lights**

504-522-9485; Fax: 504-522-5563 www.bevolo.com

New Orleans, LA 70130

Manufacturer & distributor of lighting fixtures: hand riveted, antique copper, natural gas, propane & electric; residential, commercial, landscapes & street-scapes; custom scaling & style proposals.

Write in No. 166



Period copper lanterns from Bevolo are hand riveted.

#### Brass Light Gallery, Inc.

800-243-9595; Fax: 800-505-9404 www.brasslight.com Milwaukee, WI 53201

Designer & manufacturer of lighting: sconces, pendants, chandeliers & alabaster fixtures; Neoclassic, Prairie, Rustic & Arts & Crafts styles; 15 metal finishes & hundreds of European shades; ADA & compact fluorescent options.

Write in No. 890

## Capitol Lighting Design and Restoration

616-844-5000; Fax: 616-897-8921 www.capitollighting.com Ada, MI 49301

Custom designer of lighting & lighting equipment: chandeliers, sconces, pendants & lanterns; Early American, Victorian, Art Nouveau & other period styles; antique, new designs, reproductions & custom lighting; restoration services.

Write in No. 2809



Capitol Lighting Design and Restoration designs, restores and replicates period lighting, such as this chandelier.

#### **Christopher Thomson Ironworks**

505-421-2645; Fax: 505-421-2618 www.ctiron.com Ribera, NM 87560

Designer of hand-forged steel & bronze lighting: chandeliers, sconces, pendants, lanterns & table lamps; Southwestern/rustic & transitional contemporary; UL approved; gates & fireplace tools; new designs & custom work.

Write in No. 237



Christopher Thomson Ironworks created this rustic chandelier in hand-forged steel with hand-dipped candles.

#### Classic Accents, Inc.

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

Manufacturer of reproduction push-button light switches: cover plates in 28 finishes & styles; molding hooks, tassel kits & picture cord.

Write in No. 4850



The Moon-aggie pendant from Conant Custom Brass is made of bronze and opal glass and with marbles.

#### **Conant Custom Brass, Inc.**

800-832-4482; Fax: 802-864-9490 www.conantcustombrass.com Burlington, VT 05401

Manufacturer of lighting: sconces, pendants & chandeliers; interior & exterior; brass, bronze, iron, copper & more; dozens of finishes; UL listed; new designs, antique/salvaged originals & period reproductions.

Write in No. 620

#### **Concealite Safety Products**

605-542-4444; Fax: 605-542-3333 www.concealite.com Elkton, SD 57026

Supplier of building safety products: emergency lighting, exit signs, fire-alarm signaling devices, emergency a/c power, central battery units & RT switches; almost-invisible installation.

Write in No. 1759

#### Coppersmythe, Josiah R.

508-432-8590; Fax: 508-432-8587 www.jrcoppersmythe.com Harwich, MA 02645

Supplier of handcrafted Early American & Arts & Crafts reproduction lighting fixtures: lanterns, chandeliers, sconces & post lights; copper, brass, tin, wrought iron & wood; catalog \$3.

Call for more information.



Josiah R. Coppersmythe's Boston line includes this 43-in.-tall post light.

#### Craftsmen Hardware Co.

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

Supplier of Arts & Crafts-style hardware: door, window, cabinet & drapery hardware; hand-hammered copper; lighting. **Write in No. 6980** 

#### **Crenshaw Lighting**

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

Manufacturer of decorative lighting fixtures: period & custom designs; historical restoration & reproduction; lighting for worship.



This custom chandelier was designed and fabricated by Crenshaw Lighting.

#### Crown City Hardware Co.

626-794-1188; Fax: 626-794-2064 www.crowncityhardware.com Pasadena, CA 91104

Supplier of hardware: casement fasteners & adjusters; sash locks, lifts, balances & weights; screen fasteners & hangers; glass knobs, bin pulls, switch plates & more; iron, brass, glass & crystal; Victorian & Arts & Crafts styles.

Write in No. 432

#### **Custom Home Accessories, Inc.**

800-265-0041; Fax: 916-635-0228 www.mailboxes.info Rancho Cordova, CA 95742

Manufacturer of metalwork accessories: weathervanes, cupolas, finials, roof caps, mailboxes, lighted address plaques, signs & lampposts; cast aluminum, bronze, brass & copper; custom sizes.

Write in No. 527

#### **Custom Lighting Fixtures, Inc.**

888-523-1999; Fax: 760-752-1914 www.customlightingfixtures.com San Marcos, CA 92078

Custom fabricator & supplier of lighting: interior, gas, antique, restoration, historical reproductions, custom & stock.

#### **Customlightstyles.com**

707-547-9909; Fax: 707-538-5543 www.customlightstyles.com Santa Rosa, CA 95409

Designer & fabricator of lanterns, sconces, chandeliers & landscape lighting: hand-forged iron, brass & copper; more than 90 painted finishes & 16 natural metal finishes; historic reproductions & custom designs.

Write in No. 2545



The Monroe Lantern is available from Customlightstyles.com in many sizes and with various glass and finish options.

#### Dahlhaus Lighting, Inc.

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

Manufacturer of street furnishings & lighting: benches, clocks, plaques, street lamps, lanterns, bollards, fountains, ornament & mailboxes in European styles; for residential, commercial & civic sites.

Write in No. 2767



Dalhaus Lighting specializes in the design and production of vintage European outdoor lighting and accessories.

#### **Deep Landing Workshop**

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

Manufacturer of custom lighting fixtures: chandeliers, sconces, pendants & lanterns; new designs, historic reproductions & custom work; handcrafted in wood, tin, brass or copper; glass, mica or alabaster shades.

Write in No. 809



This double-cone chandelier from Deep Landing Workshop has a 14-in.-tall center.

# Distinguished Home Lighting, Ltd.

718-261-6090; Fax: 718-261-6190 www.distinguishedhomelighting.com Forest Hills, NY 11375

Supplier of traditional lighting: European cast-brass exterior lanterns; gas & electric applications; designs for wall, ceiling, post & column mounting.

Write in No. 1195

#### **F2 Industries**

888-895-4224; Fax: 815-895-4214 www.f2industries.com Sycamore, IL 60178

Designer & fabricator of architectural & ornamental metalwork: doors, fences, gates, railings, lighting, sculpture & more; Art Nouveau, Art Deco, French, Italian, Spanish & German styles; restoration services.

Write in No. 1875

#### Federalist, The

203-625-4727; Fax: 203-629-8775 www.thefederalistonline.com Greenwich, CT 06836

Manufacturer & supplier of Early American lighting fixtures: chandeliers, sconces, lanterns, bell-jar fixtures, table & floor lamps; exterior lanterns; antique, historic reproductions & custom lighting; electric & gas.

Write in No. 2833



This 25-in. tall castbrass chandelier is part of The Federalist's French Collection.

#### **Fine Architectural Metalsmiths**

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

Designer & custom fabricator of ornamental metalwork: period appropriate motifs; custom lighting; curved, straight & monumental stairs; driveway & garden

gates; hand forged & wrought iron, bronze & aluminum.

Write in No. 2640



This pier-mounted reproduction lantern was fabricated by Fine Architectural Metalsmiths; it features a glassed-in cap and an acorn finial.

#### Guerin, P.E.

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

Manufacturer of high-end handcrafted brass & bronze hardware & accessories: for doors, windows, furniture, objets d'art & bathroom accessories; handcrafted sconces & lighting fixtures.

Write in No. 1166

#### **Herwig Lighting**

800-643-9523; Fax: 479-968-6422 www.herwig.com Russellville, AR 72811

Designer & manufacturer of cast metalwork: pendant lanterns, street lighting, posts, bells, clocks, benches, bollards, custom plaques & signs, antique fence posts & more; aluminum & bronze; handcrafted.

Write in No. 9130



The Sylvania street lamp from Herwig Lighting can be obtained with a 10- or 12-ft.-tall post and single, twin or quad-arm units.

#### Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493 www.historicalarts.com West Jordan, UT 84088

Designer & custom fabricator of ornamental metalwork: doors, windows, hardware, stairs, balustrades, registers, fences, lighting, gutters, columns, weathervanes, planters & more; iron, bronze, aluminum & steel; restoration services.

Write in No. 1210



Historical Arts & Casting custom fabricated this five-globe ornamental light fixture.

#### **House of Antique Hardware**

888-223-2545; Fax: 503-233-1312 www.houseofantiquehardware.com Portland, OR 97214

Manufacturer & supplier of door, window & furniture hardware & accessories: rare & ornate hardware; 1860s–1930s styles; switch plates; grilles & registers; historical reproductions.

Write in No. 1096

#### John F. Graney Metal Design, LLC

413-528-6744; Fax: 413-528-6749 www.graneymetaldesign.com Sheffield. MA 01257

Custom fabricator of ornamental metalwork: fences, gates, railings, tree grates, hearth screens, benches, lighting & more; aluminum, bronze & stainless steel; ecclesiastical work.

Write in No. 4840

#### Lake Shore Industries, Inc.

800-458-0463; Fax: 814-453-4293 www.lsisigns.com Erie, PA 16502-1624

Manufacturer of cast-aluminum & bronze signs & plaques: street signs, town seals, historical markers, building letters, fabricated letters, lighted & non-lighted signs & more; cast bases for street sign & lighting posts.

Write in No. 8730



This large exterior sconce, the Empire Torch, was fabricated by Lantern Masters.

#### Lantern Masters, Inc.

818-706-1990; Fax: 818-706-1988 www.lanternmasters.com Westlake Village, CA 91362

Custom designer & manufacturer of interior & exterior lighting: chandeliers, pendants, ceiling flushes & sconces; wall, pendant, post & pilaster exterior models; many architectural periods; historical reproductions.

Write in No. 1239

#### Liberty Brass Turning Co.

718-784-2911; Fax: 718-784-2038 www.libertybrass.com Long Island City, NY 11101

Manufacturer of metal components: drawer pulls, window hardware, lamp finials, couplings, turned bar stock knobs, spacers, balls, check rings & furniture & display fittings; brass, aluminum & stainless steel; custom & stock.

Write in No. 8440



Liberty Brass Turning Co. manufactures metal components for light fixtures and other applications.

# "Illuminated Elegance." JOHN EHRLICH

# Visit our website at: www.thefederalistonline.com



THE FEDERALIST proudly presents distinctive lanterns with 18th century design. Our lighting collections include an extensive offering of chandeliers, lanterns, sconces, ceiling mount and outdoor lights. Please call for our color brochures.

# THE FEDERALIST

The finest handmade 18th century reproduction furniture, lighting, mirrors and decorative accessories.

SHOWROOM: 369 Greenwich Ave., Greenwich, CT 06830

TELEPHONE: (203)625-4727 FACSIMILE: (203)629-8775 EMAIL: info@thefederalistonline.com

Mail, telephone, fax and online orders accepted.

#### **Lighting by Hammerworks**

603-279-7352; Fax: Same as phone www.hammerworks.com Worcester, MA 01603

Supplier of lighting: Colonial & Arts & Crafts styles; lanterns, post lights, chandeliers & courtyard sign lighting; handforged hardware.

Write in No. 5090

#### **Lucid Lighting**

609-397-9581; Fax: 609-858-5599 www.lucidlighting.com Lambertville, NJ 08530

Manufacturer of architectural lighting: unique lighting designs, transitional in style; solid brass & glass; all finishes & sizes.

Write in No. 3111



The Temple Urn, designed by Rob Wallace for Lucid Lighting, accommodates shades that range from 17 to 38 in. in dia.

#### Maguire Iron Corp.

510-234-7569; Fax: 510-232-7519 www.maguireironcorporation.com Richmond, CA 94801

Manufacturer & supplier of traditional hardware & lanterns: door, cabinet, window, gate & mailbox hardware; knobs & levers with compatible locks, various backsets & functions; wrought iron, pewter, rust, brass & bronze; custom work.

Write in No. 7600

#### Master's Metalworks, Inc.

561-718-7588; Fax: 561-686-0009 www.mastersmetalworks.com Boynton Beach, FL 33436

Manufacturer of forged & fabricated custom metalwork: railings, gates & fencing; stairs & stair balustrades; steel doors; interior & exterior lighting.

Write in No. 1897

#### Mica Lamp Co.

818-241-7227; Fax: 818-241-5439 www.micalamps.com Glendale, CA 91203

Manufacturer of light fixtures: finely detailed copper, iron & mica; period authentic styles & custom modern interpretations; outdoor fixtures & high design ceiling fanlight kits available.

Write in No. 5870



Mica Lamp supplied the custom chandeliers for the L'auberge du Lac Hotel & Casino in Lake Charles, LA.

## Mueller Ornamental Iron Works, Inc.

847-758-9941; Fax: 847-758-9945 www.ornamentaliron.net Elk Grove Village, IL 60007

Designer & fabricator of ornamental metalwork: doors, fences, gates & stairs; cast iron, forged steel, stainless steel, aluminum & bronze; restoration services; custom work.

Write in No. 229

#### Period Lighting Fixtures, Inc.

800-828-6990; Fax: 413-664-0312 www.periodlighting.com Clarksburg, MA 01247

Manufacturer of 250+ handcrafted reproduction 18th- & 19th-century fixtures: wood-turned/metal chandeliers, aged-tin/pewter sconces & lanterns; most licensed by Colonial Williamsburg, historic Deerfield & Old Sturbridge Village.

#### Rejuvenation

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

Manufacturer of authentic reproduction lighting: more than 500 interior & exterior styles; painted-glass shades; door & window hardware.

Write in No. 7630



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

#### Richard D. Scofield Historic Lighting

860-526-1800; Fax: 860-526-2378 www.scofieldhistoriclighting.com lvoryton, CT 06442

Manufacturer of handmade reproduction chandeliers, sconces & lanterns: based on designs from the 18th & early-19th centuries; distressed tin, pewter, copper & wood; workshop & showroom.

Write in No. 4170

#### **Schiff Architectural Detail**

617-887-0202; Fax: 617-887-0127 www.schiffarchitectural.com Chelsea, MA 02150

Custom fabricator of metalwork: exterior lamps, lampposts, plaques, fences, fountains & interior & exterior railings; non-ferrous forged work; machine-shop service; rubber molding & pattern work; historical restoration.

Write in No. 7730

#### Schwartz's Forge & Metalworks, Inc.

315-841-4477; Fax: 315-841-4694 www.schwartzsforge.com Deansboro, NY 13328

Custom fabricator of architectural metalwork: straight, curved & spiral stairs; doors, railings, newel posts, lighting, gates, fencing, grilles & fountains; forged bronze, monel steel & stainless steel; historical restoration.

Write in No. 1218

#### **Scottsdale Art Factory**

800-292-0008; Fax: 800-292-0046 www.artfactory.com Scottsdale, AZ 85260

Custom manufacturer of furniture, grand entrance doors, gates, lighting & hardware: handmade in exotic woods, stone, copper, iron & leathers; more than nine decades of craftsmanship.

Write in No. 1625

#### St. Louis Antique Lighting Co.

314-863-1414; Fax: 314-863-6702 801 N. Skinker Blvd. Saint Louis, MO 63130

Manufacturer & supplier of architectural lighting: all styles; historical reproductions & custom lighting; restoration services; commercial & ecclesiastical projects.

Write in No. 6190



This pendant is offered by the St. Louis Antique Lighting Co.

#### **Sternberg Lighting**

847-588-3400; Fax: 847-588-3440 www.sternberglighting.com Roselle, IL 60172

Manufacturer of traditional & architectural lighting luminaires, poles, bollards, site amenities & landscape furnishings: wide selection of high-performance lamping reflectors, refractors & NightSky optical systems for luminaries.

Write in No. 6740



This cast-aluminum lantern with an 18x35-in. globe was manufactured by Sternberg Lighting.

#### **Steven Handelman Studios**

805-962-5119; Fax: 805-966-9529 www.stevenhandelmanstudios.com Santa Barbara, CA 93103

Manufacturer of hand-forged traditional lighting, grilles & fireplace accessories: many types & styles of lighting & grilles; fireplace screens, grates & inserts; historic reproduction & restoration services.

Write in No. 483



Steven Handelman produces handcrafted exterior lanterns with a variety of finishes.

#### **Walpole Woodworkers**

508-668-2800; Fax: 508-668-7301 www.walpolewoodworkers.com Walpole, MA 02081

Manufacturer of fencing, gates, arbors, furniture, gazebos, sheds & garden amenities: large selection of handcrafted cedar lamp posts; wide variety of post- & sidemount lanterns; many styles.

Write in No. 280

#### **Wiemann Ironworks**

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

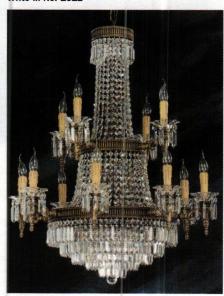
Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, gates, balustrades, lighting, fences, furniture, doors & fixtures; cast & wrought iron, bronze & aluminum; CAD services.

Write in No. 1223

#### **World Class Lighting**

727-524-7661; Fax: 727-524-7663 www.worldclasslighting.com Clearwater, FL 33760

Manufacturer of chandeliers & wall sconces: crystal & wrought-iron chandeliers; Neoclassical & other styles; custom sizes.



This crystal chandelier with an antique finish was created by World Class Lighting.



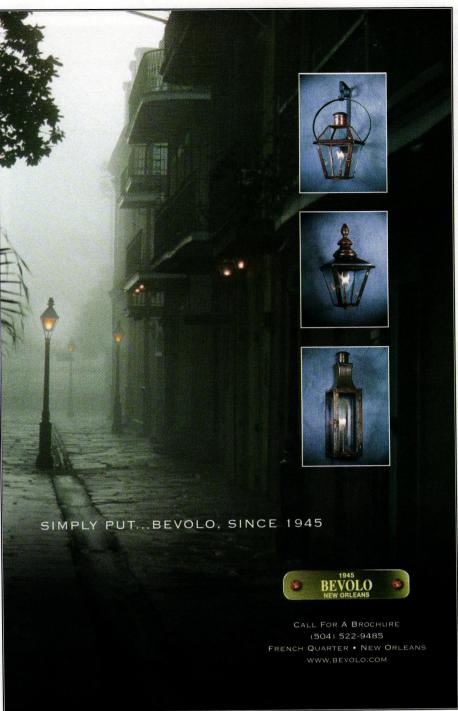




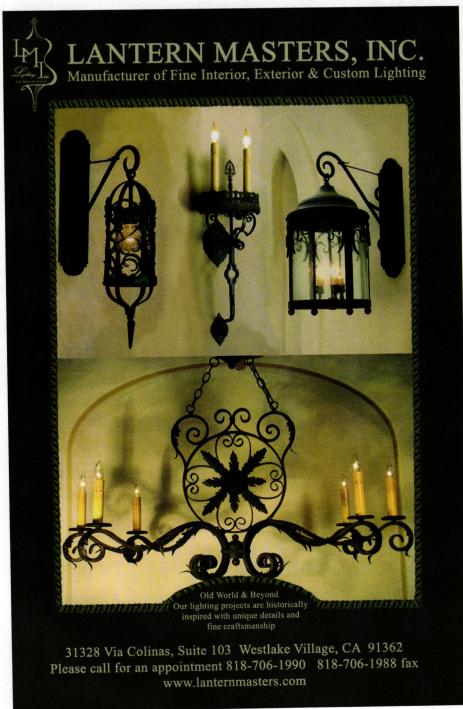
ARCHITECTS: McCARTY HOLSAPLE McCARTY WESTLAKE REED LESKOSKY

# SAINT LOUIS ANTIQUE LIGHTING CO. RESTORATION • REPLICATION • INNOVATION

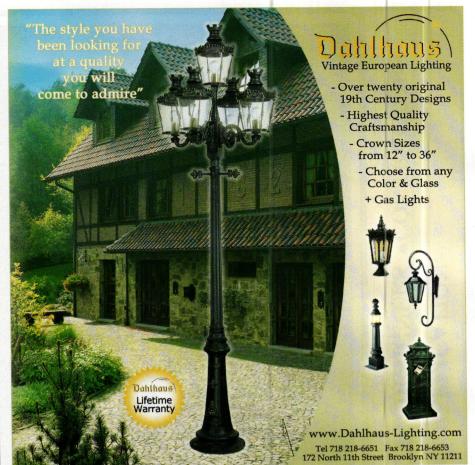
801 North Skinker Boulevard, St.Louis, MO 63130 Phone:(314)863-1414 FAX: (314)863-6702 Email: slalco@slalco.com



WRITE IN NO. 166



WRITE IN NO.1239

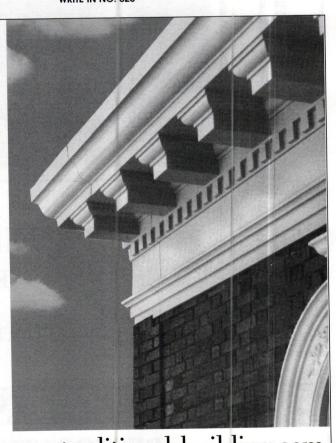


**WRITE IN NO. 2767** 



WRITE IN NO. 620





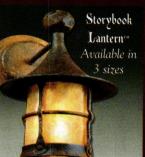
www.traditional-building.com















**CIRCA** 1900

Including Modern Adaptations and Custom Designs













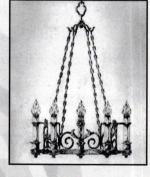
517 State Street • Glendale, CA 91203 800-90-LAMPS • Sales Office: (818) 241-7227 Fax: (818) 241-5439 • email: sales@micalamps.com • www.micalamps.com Visit: Dallas TM #4733



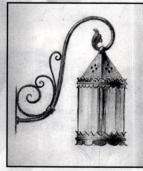
**WRITE IN NO. 5870** 

# custom lightstyles.

Design and Fabrication







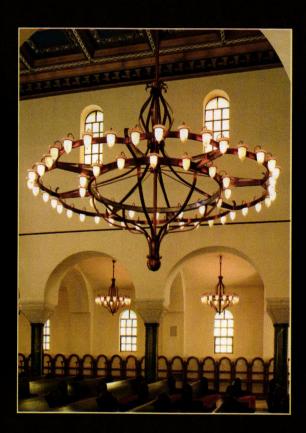


Finely Handcrafted Lighting
Since 1909

707.547.9909 · email: info@customlightstyles.com online catalog: www.customlightstyles.com

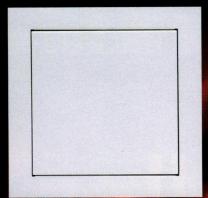
WRITE IN NO. 2545

# CRENSHAW Makers of Fine Lighting



Bringing the highest level of craftsmanship to historic lighting projects and new custom work. Tel. 540 745 3900 www.crenshawlighting.com

# Concealed & Vandal-Proof Fire Alarms and Emergency Lighting Systems



**Concealed View** 

## innovative.

Now fire alarm and emergency lighting can blend in, and remain completely hidden until activated.

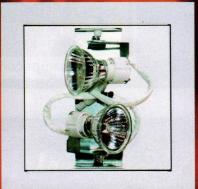
# incognito.

The door rotates 180 degrees upon activation, and returns to closed when deactivated.

NFPA 72 Standards - UL Listed (UL)



**Active View** 



**Active View** 

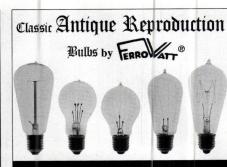
# integration.

Comes in standard white powder coat finish, and can be customized to match interiors.



Call 605-542-4444 for more info. www.concealite.com

WRITE IN NO. 1759



www.aamsco.com

WRITE IN NO. 2240

# NEW! PRODUC LITERATURE ONLINE

The fastest way to get supplier catalogs

This issue's "Free Product Literature" Form is now online. Literature requests are E-Mailed directly to advertisers for fastest action. To use this online service:

- Log onto www.traditionalbuilding.com
- Click on "Free Product Literature"
- Select "Issue Product Literature Card"

www.traditionalbuilding.com

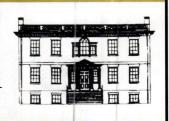
**Product Information Online** 



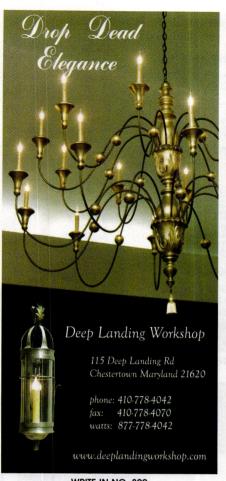
WRITE IN NO. 3111

# THE FEDERALIST

See our full page, full color ad on page 121







WRITE IN NO. 809



WRITE IN NO. 237





WRITE IN NO. 7730

### ARCHITECTURAL LIGHTING

MADE IN MILWAUKEE SINCE 1974



### **BRASS LIGHT GALLERY**

COMMERCIAL • RESIDENTIAL • VINTAGE

www.brasslight.com

contact: commercial@brasslight.com

Phone: 800.243.9595 Fax: 800.505.9404

WRITE IN NO. 8890





**WRITE IN NO. 1612** 

#### STERNBERG OFFERS A VARIETY OF STYLES AND SIZES TO MEET ANY SPECIFICATION

#### PRAIRIE\* FAMILY LIGHTING



The Prairie Family design of luminaires is in the style and tradition of the Frank Lloyd Wright, Arts/Crafts and Mission period. Whether it is the tree style motif or linear look with stylized grilles, these distinct fixtures are available in four different sizes to complete any streetscape or landscape. All of the models are available with energy efficient lamping and larger sizes with the optional NIGHTSKY™ roof or louver optics. Refractors, frosted chimneys and house side shields may be added.







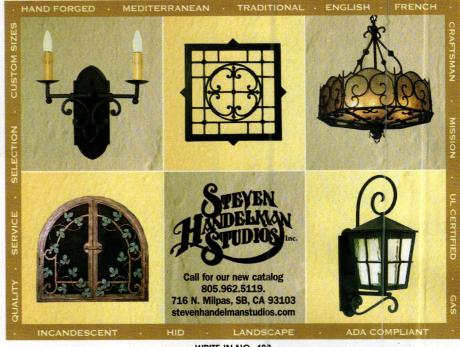


Traditional and Architectural Lighting, Luminaires, Poles, Bollards, Site Amenities & Landscape Furnishings



555 Lawrence Ave. Roselle, IL 60172 847-588-3400 • 800-621-3376 • Fax 847-588-3440 www. sternberglighting.com • Email: info@sternberglighting.com WRITE IN NO. 6740

Write for a Free New 2005-2007 Catalog.



WRITE IN NO. 483

# THE FEDERALIST

Visit our website at www.thefederalistonline.com



WRITE IN NO. 2833



**WRITE IN NO. 8730** 

# restoration & new construction

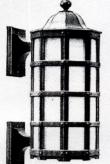
architects contractors building owners facilities managers interior designers developers landscape architects building managers preservation planners restoration consultants

what you need to know

www.traditional-building.com



Designers & Manufacturers of Fine Lighting Fixtures & Accessories



Cast Aluminum Light Fixtures, Posts, Bollards Benches & Street Clocks

Mountings Wall, Bracket. Post & Pier

Restoration

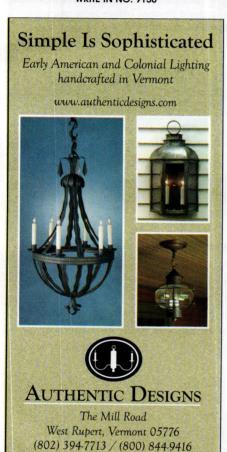
No. 540 Octagon Glass Bottom Custom Work

**Handcrafted** Quality

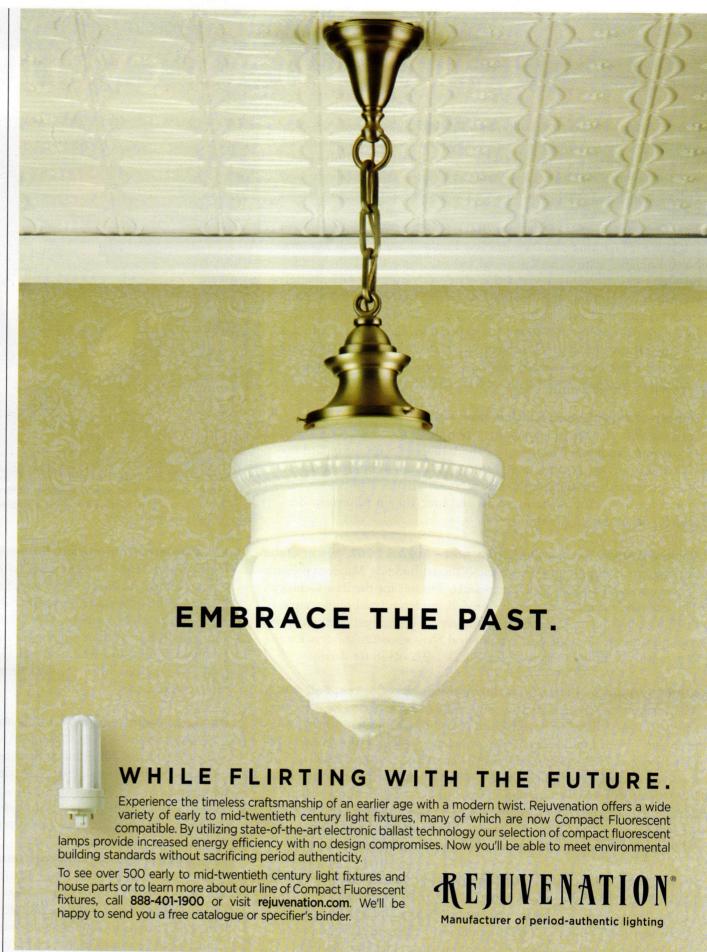
#### HERWIG LIGHTING

PO Box 768 Russellville, AR 72811 800-643-9523 Fax: 479-968-6422 www.herwig.com

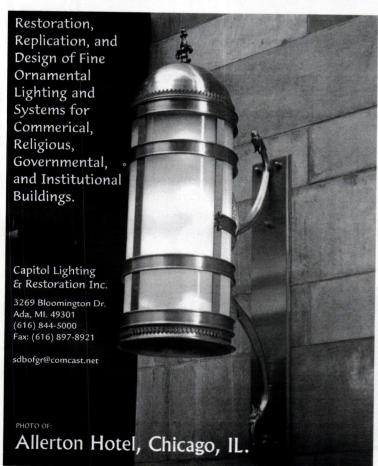
WRITE IN NO. 9130



Catalogues - \$4.00 each WRITE IN NO. 60



**WRITE IN NO. 7630** 





# calendar of events

Beaux Arts Alliance Bus Tour, June 2, 2007. The Beaux Arts Alliance will hold a bus tour of Upper Manhattan, taking in views of the Church of the Intercession, its cloisters and cemetery; the 18th-century Morris-Jumel Mansion; and Stanford White's Gould Library and Hall of Fame for Great Americans. Visit www.beauxarts.org for details.

New England Studies Program, June 18-23, 2007. Historic New England's fifth-annual Program in New England Studies will examine New England history and material culture from the 17th century through the Colonial Revival, with a series of lectures by preservation specialists, workshops and behind-the-scenes tours of historic New England museums and private houses. The \$1,250 fee includes all lectures, admissions, guided tours, transportation, breakfast, lunch and evening receptions. Two scholarships are available. For more information, visit www.historicnewengland.org or call Historic New England exhibitions manager Ken Turino at 617-227-3956.

**Temple of Invention Exhibition, now – July 2007.** The Smithsonian American Art Museum presents "Temple of Invention: History of a National Landmark," in honor of the building's renovation and the 170th anniversary of President Andrew Jackson signing legislation that authorized the building's construction. Charles Robertson, former deputy director at the museum and specialist in American decorative arts, is guest curator.

**Shakespearean Theater Exhibition, now – August 2007.** As part of the Shakespeare in Washington festival, the National Building Museum presents "Reinventing the Globe: A Shakespearean Theater for the 21st Century." The exhibition features interpretive models, renderings and photographs of the Globe and other Shakespearean theaters over the past 400 years, and culminates with proposals for hypothetical Shakespearean theaters for the 21st century. Visit www.nbm.org, or call 202–272–2448 for details.

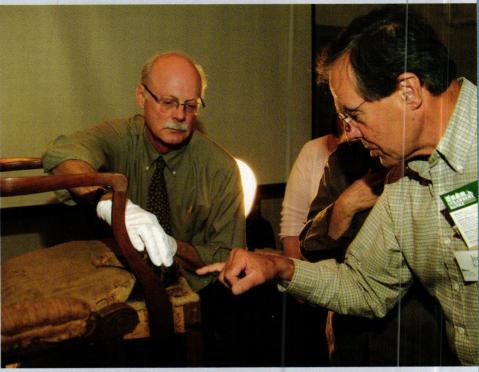
#### ICA&CA/Georgia Tech Classicist Architecture Course, Fall 2007.

The Institute of Classical Architecture & Classical America, in collaboration with the College of Architecture at Georgia Institute of Technology in Atlanta, will launch a new Master of Science with a Major in Architecture: Concentration in Classical Design. The one-year program will include a fall semester in New York City (ICA&CA) and a spring semester in Atlanta (Georgia Tech) with an option for summer study in Greece and Italy. The course will accommodate up to 15 students, and applications will be accepted through mid-June. For course details, contact Victor Deupi, ICA &CA Arthur Ross director of education, at vdeupi@classicist.org.

**IPTW 10th Anniversary Workshop, October 11-13, 2007.** PTN will hold its 10th-annual Preservation Trades Workshop, in partnership with the National Park Service Historic Preservation Training (HPTC), at the Jenkins Cannery in Frederick, MD. In addition to demonstrations, presentations, hands-on sessions and the Preservation Trades Jobs Fair, highlights will include the presentation of the 2007 Askins Achievement Award, the annual IPTW auction, music and social events. Within a short distance of the IPTW venue are the Community Bridge mural, an award-winning trompe l'oeil at the Carroll Street Bridge (see *Traditional Building*, September/October 2002), and the Delaplaine Visual Arts Education Center. Visit www.iptw.org for updates, schedules and registration information.

Traditional Building Exhibition & Conference, October 17-20, 2007. This is the nation's largest event dedicated to the rehabilitation of building interiors, exteriors, landscapes and streetscapes and historically inspired new construction. The conference, which will be held this fall at the Morial Convention Center in New Orleans, LA, includes sessions with many professional learning units available through the AIA, ASLA, ASID, IIDA,

AIC and the APA. For details on programs and exhibiting, go to www.tra-ditionalbuildingshow.com.



Historic New England's fifth-annual Program in New England Studies offers lectures, workshops and behind-the-scenes tours of New England museums and private houses. Photo: courtesy of Historic New England

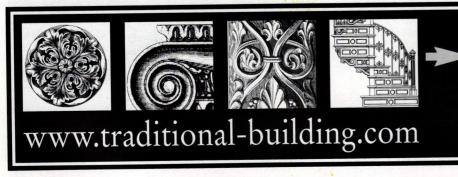
APT Offshore Conference, November 3-7, 2007. The Association for Preservation Trades International will hold its 2007 conference at the Caribe Hilton in Puerta de Tierra, San Juan, Puerto Rico. Three workshops will be held from November 3-4, with the main conference taking place from November 4-7. Workshops include: Traditional Lime and Brick Dust Mortars for Restoration, Preservation of Wood in Historic Structures and Architectural Conservation. Social events will be held at numerous historic sites throughout Old San Juan. For details, visit www.apti.org.

Classical Architecture Courses, Tours & Programs. The Institute of Classical Architecture & Classical America offers an extensive national and international program of lectures, study tours, courses, salons and programs. Continuing-education courses, eligible for AIA continuing-education credits in many of the design areas of Classical architecture, are offered year-round by the institute. For details on these or other events and programs, go to www.classicist.org or e-mail academic@ma-ica.org.

**Preservation Education Programs.** Throughout the year, the Preservation Education Institute – a program of Vermont-based Historic Windsor, Inc. – 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 compete listing of current programs, go to www.preservationworks.org or contact Judy Hayward at 802-674-6752.

Wood-Carving Workshops. Classically trained master wood carver Dimitrios Klitsas conducts classes in wood carving for novices as well as professionals looking to take skills to the highest level. Classes are available both for groups and individual instruction. For more details, go to www.klitsas.com.

Workshops on Historical Lime Mortars. A comprehensive two-day course details the hows and whys of using lime-putty mortars for repointing historic masonry. The workshop combines lectures and laboratory work with hands-on lime slaking and re-pointing on all different types of historic masonry walls. For course schedules and registration details, call 773-286-2100 or go to www.usheritage.com/events.htm. **B** 



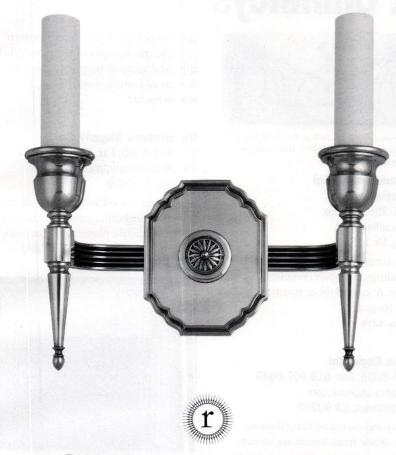
Surf the Industry

Online data & links for more than 673 suppliers of products & services for restoration, renovation & historically inspired new construction for civic & commercial projects.

#### REMAINS LIGHTING

ANTIQUE & PERMANENT COLLECTIONS

NEW YORK - CHICAGO - LOS ANGELES - WWW.REMAINS.COM



THE ALEXANDRA SCONCE

NEW YORK - CHELSEA 130 WEST 28TH STREET NEW YORK, NY 10001

T: 212.675.8051

F: 212.675.8052

CHICAGO 103 MERCHANDISE MART CHICAGO, II 60654

LOS ANGELES

T: 312.527.1300 F: 312.527.1360

NEW YORK - UPTOWN

213 EAST 59TH STREET NEW YORK, NY 10022

T: 212.675.8051

765 NORTH LA CIENEGA BLVD T: 310.358.9100

F: 310.358.9150

WRITE IN NO. 792





- \* Imported European lanterns
- \* Gas-burning and Electric Applications
- \* Matched Designs for Wall, Ceiling, Post or Column Mounting

### DISTINGUISHED HOME — LIGHTING

Tel 718-261-6090 Fax 718-261-6190

www.distinguishedhomelighting.com

WRITE IN NO. 1195

#### FINE PERIOD LIGHTING

- Top quality materials
- Completely hand-crafted
- Custom work available



Specializing in Early American, Craftsman styles, and unique courtyard lighting, sign lighting, lanterns, sconces, chandeliers and hand-forged hardware. Send \$5.00 for 2 color catalogues to Lighting by Hammerworks, Dept. TB, 6 Fremont Street, Worcester, MA 01603. 508-755-3434, 603-279-7352, 800-777-3689. www.hammerworks.com







# Playing our part for three generations.



Peter and David Zuckerwise are the third generation of Liberty Brass owners. We're proud of our 88-year heritage and the reputation we've earned by consistently producing the high quality turned products you need, when you need them.

We offer tens of thousands of brass, aluminum, steel and stainless steel parts, including:



- Balls
   Couplings
   Spindles
   Armbacks
- Decorative Hardware Spacers Adapters



Our state-of-the-art CNC, EDM, and Screw Machines in our 25,000 sq. ft. facility allow us to custom manufacture any part to any specification, in any quantity-from 2 to 2,000,000.

Whether you need prototypes or large production runs, we're ready to deliver. And we can import for you too! Our ability to produce any item in our New York factory that we import for you assures seamless supply even if there are unforeseen delays of a shipment. And when you want parts in a hurry, you can depend on our Green Light Priority Service.

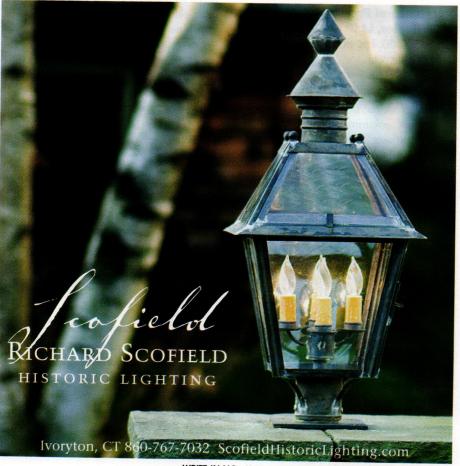


Help us celebrate 88 years of Liberty! For a free catalog or quote, call 718-784-2911 or visit www.libertybrass.com



38-01 Queens Boulevard, Long Island City, NY 11101 FAX 718-784-2038

WRITE IN NO. 8440



# **Custom Mantels, Fireplaces & Chimneys**

To order product literature, go to www.traditional-building.com 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. 9938**.

#### **A&M Victorian Decorations, Inc.**

800-671-0693; Fax: 626-575-1781 www.aandmvictorian.com South El Monte, CA 91733

Manufacturer of architectural elements: molding, columns, balustrades, wall caps, coping, fountains, planters, gazebos & more than 70 styles of mantels; gypsum & cast stone; custom designs.

Call for more information.



This cast-stone mantel is one of 70 styles available from A&M Victorian.

#### **Architectural Paneling, Inc.**

212-371-9632; Fax: 212-759-0276 www.apaneling.com New York, NY 10022

Supplier of hand-carved & deep-sculpted wood moldings, capitals, fireplace mantels, doors & ornament: walnut, cherry, mahogany, oak, maple & poplar.

Write in No. 6490



This mantel from Architectural Paneling features a 42-in.-wide firebox.

### 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, wroughtiron components, balustrading, door hardware, lighting, ceiling tile, mantels, furniture & cabinet components & more.

Write in No. 1088



Fireplace surrounds are available from Outwater in plaster and oak.

#### **Architectural Stone Masonry**

604-852-9662; Fax: 604-850-9062 www.stonemasonsarch.com Abbotsford, British Columbia, Canada V3G 3C1

Fabricator of custom natural-stone products: mantels, stairways, balustrades, Classical columns, exterior wall cladding in smooth & split-face textures, crown moldings & profiled window & door treatments; limestone & sandstone.

Write in No. 1656

#### Arnold, Walter S. - Sculptor

847-568-1188; No fax www.stonecarver.com Elgin, IL 60120

Sculptor: classically trained carver & sculptor; traditional & innovative works in stone & marble; sculpture, fountains, fireplaces & gargoyles.



This Renaissance-style fireplace was carved in Indiana limestone by Walter Arnold.

#### **Authentic Provence, Inc.**

561-805-9995; Fax: 561-805-5730 www.authenticprovence.com West Palm Beach, FL 33401

Importer & distributor of antique handcarved stone garden ornament: French limestone & Italian marble; antique gates, wrought-iron & wood gates & trellis; hand-sculpted fountains, plaques, terracotta planters, gazebos & pavilions.

Write in No. 8163



This Louis XV-style mantel from Balmer is cast as a single complete unit; it provides a 43x30-in. opening.

#### **Balmer Architectural Mouldings**

416-491-6425; Fax: 416-491-7023 www.balmer.com

Toronto, Ontario, Canada M2J 1S5

Supplier & installer of moldings, cornices, domes, mantels, columns & capitals: cast in gypsum & polyurethane-based materials; more than 12,000 patterns; custom pattern making.

Write in No. 3159



Custom home furnishings, such as this hand-forged fireplace element, are available from Bill's Custom Metal Fabrications.

### Bill's Custom Metal Fabrications, Inc.

516-333-3562; No fax www.ironcrafters.com Westbury, NY 11590

Manufacturer of ornamental metalwork: railings, furniture, fireplace doors, hardware & candelabras; handcrafted & hand forged.

Write in No. 1270

#### **Cantera Especial**

800-564-8608; Fax: 818-907-0343 www.cantera-especial.com Pacific Palisades, CA 90272

Custom hand carver of natural-stone products made from limestone, cantera, adoquin, travertine, marble & sandstone quarried in Europe & Mexico: fireplaces, fountains, columns, balustrades, molding & sculpture.

Write in No. 31



Carved-stone mantels are one of the specialties of Cantera Especial.

#### **Canterland of Mexico**

800-564-8608; Fax: 818-907-0343 www.canterlandmex.com Pacific Palisades, CA 90272

Factory-direct manufacturer of Yucatan limestone products: fountains, mantels, balustrades, stairs, columns, countertops & more; in Coquina, Ticul & Crema Maya stone.

Write in No. 1825

#### Champlain Stone, Ltd.

518-623-2902; Fax: 518-623-3088 www.champlainstone.com Warrensburg, NY 12885

Manufacturer of building & landscaping stone & stone flooring: guillotined & hand-split granite, quartzitic sandstone & limestone; for fireplaces, building veneer, wall stone, flagging, paving, step slabs & retaining walls.

Write in No. 4270



Champlain Stone's American Granite, used in this rustic fireplace, is medium- to coarse-grained and weathered to present an aged appearance.

#### Christopher Thomson Ironworks

505-421-2645; Fax: 505-421-2618 www.ctiron.com Ribera, NM 87560

Designer of hand-forged steel & bronze lighting: chandeliers, sconces, pendants,

lanterns & table lamps; Southwestern/rustic & transitional contemporary; UL approved; gates & fireplace tools; new designs & custom work.

Write in No. 237

#### **Decorators Supply Corp.**

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

Supplier of period architectural elements: ceiling medallions, mantels, cornices, columns & capitals; plaster of Paris, compo & wood; 14,000 patterns available.

Write in No. 210



This Colonial-style wood mantel from Decorators Supply is 57 in. tall x 75 in. wide.

#### **F2 Industries**

888-895-4224; Fax: 815-895-4214 www.f2industries.com Sycamore, IL 60178

Designer & fabricator of architectural & ornamental metalwork: doors, fences, gates, railings, lighting, sculpture & more; Art Nouveau, Art Deco, French, Italian, Spanish & German styles; restoration services.

Write in No. 1875

#### **Fine Architectural Metalsmiths**

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

Designer & custom fabricator of ornamental metalwork: period-appropriate motifs; custom lighting; curved, straight & monumental stairs; driveway & garden gates; hand forged & wrought iron, bronze & aluminum.

Write in No. 2640

#### Good Time Stove Co.

413-268-3677; Fax: 413-268-9284 www.goodtimestove.com Goshen, MA 01032

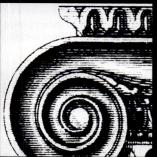
Supplier of antique kitchen ranges & heating stoves: ca. 1840-1930; fully restored & functional; restored enamel, cast iron, wood & wood/gas combos; electric conversions.

Call for more information.

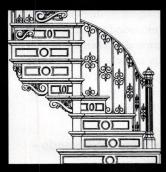


This castiron kitchen range is typical of the period-style models available from Good Time Stove.









# Surf the <u>Industr</u>y

Online data & links for more than 673 suppliers of products & services for restoration, renovation and historically inspired new construction for civic & commercial projects.

WWW.
traditional-building
.com



WRITE IN NO. 6490



#### I, N, T, B, A, U

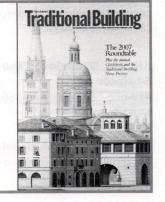
The International Network for Traditional Building,
Architecture & Urbanism is a worldwide organization dedicated to the support of traditional building, the maintenance of local character and the creation of better places to live.

www.intbau.org



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

800-548-0193





The cast-stone Tall Manor Chimney Piece by Haddonstone featrues a simple Gothic arch.

#### Haddonstone (USA), Ltd.

856-931-7011; Fax: 856-931-0040 www.haddonstone.com Bellmawr, NJ 08031

Manufacturer of Classical stonework: columns, balustrades, benches, planters, urns, pavers, fountains, gazebos, mantels, statuary & more; cast, reconstructed limestone resembling Portland stone; more than 500 designs.

Write in No. 4020

#### Jack Arnold - European Copper

800-391-0014; Fax: 918-494-0884 www.jackarnold.com Tulsa, OK 74136

Manufacturer of custom copper chimney pots: patina finish; UL listed & patented. Write in No. 1719



Several styles of copper chimney pots are available from Jack Arnold, including the Bishop and Bishop II models.

#### John F. Graney Metal Design, LLC

413-528-6744; Fax: 413-528-6749 www.graneymetaldesign.com Sheffield, MA 01257

Custom fabricator of ornamental metalwork: fences, gates, railings, tree grates, hearth screens, benches, lighting & more; aluminum, bronze & stainless steel; ecclesiastical work.

Write in No. 4840

### Kayne & Son Custom Hardware, Inc.

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

Manufacturer of forged- & cast-metal hardware: strap, H, HL, butterfly & butt hinges; thumb-latch locksets, gate hardware, shutter dogs & more; fireplace tools; bathroom accessories & kitchen equipment; restoration services.

Call for more information.

#### Klitsas, Dimitrios - Fine Wood Sculptor

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

Wood carver: capitals, newel posts, furniture (all periods), fireplace mantels,

stairs, moldings & other specialty carvings; variety of wood species.

Write in No. 7380

#### Limestone Concept, Inc.

310-278-9829; Fax: 310-278-9651 www.limestoneconcept.com Gardena, CA 90249

Custom fabricator & distributor of limestone items: fireplaces, fountains, columns, capitals, balustrades, mantels, benches, ornament, garden statuary, sculpture, planters & urns; French limestone slabs & tile; antique terra cotta.

Write in No. 5390

#### Manor Style, Inc.

800-325-2188; Fax: 443-200-0010 6741 Whitestone Rd. Baltimore, MD 21207

Custom fabricator & nationwide supplier of architectural elements: Durastyl & AZEK PVC square columns, newels, panels, arches, trellis & trim; load-bearing fiberglass columns & capitals; preformed balustrading; mantels; free literature.

#### Mueller Ornamental Iron Works, Inc.

847-758-9941; Fax: 847-758-9945 www.ornamentaliron.net Elk Grove Village, IL 60007

Designer & fabricator of ornamental metalwork: doors, fences, gates & stairs; cast iron, forged steel, stainless steel, aluminum & bronze; restoration services; mantels & fireplace screens.

Write in No. 229

Write in No. 703

#### No 9 Studio UK

011-44-1769-5404-71; Fax: 011-44-1769-5408-64 www.no9uk.com Umberleigh, Devon, UK EX379HF

Manufacturer of terra-cotta architectural elements: chimneys, sculptural fountains & garden furnishings/ornament; ceramic tile & clay tile roofing; cupolas, finials & vents; special brick & features; mural painting; restoration.

Write in No. 1672

#### O.K. Foundry Co., Inc.

804-340-0919; Fax: 804-233-6240 www.okfoundrycompany.com Richmond, VA 23224

Custom fabricator of cast-iron elements: sculpture, columns & capitals, bollards, stanchions, mantels, fireplaces, chimneys & accessories.

Write in No. 1894

#### **Old Smithy Shop**

603-672-4113; Fax: Same as phone www.oldsmithyshop.com Brookline, NH 03033

Custom fabricator of hand-forged Early American hardware: Suffolk & Norfolk latches & pulls; pintle strap hinges & H & H-L hinges & cabinet latches; window, gate & barn hardware; fireplace & hearth tools.

Write in No. 5110

#### Rossato Giovanni, srl/ Vicenza Stone Sculpture

011-39-0444-928499; Fax: 011-39-0444-928711 www.vicenzastone.com 36100 Vicenza, Italy MVI 002134

Fabricator of handmade sculpture: Classical statues, fountains, columns, benches, vases, planters, putti, urns, wells, statuary, mantels & more; made of Vicenza stone to last for centuries.

Write in No. 6110



This fireplace mantel was hand carved in Vincenza stone by Rossato Giovanni.

## Southern Group Enterprise - Unique Mantel Co.

888-458-3716; Fax: 909-464-1787 www.uniquemantel.com Pomona, CA 91766

Manufacturer & distributor of architectural fireplace mantels, statues & benches in natural marble: hand carved; distributors pay factory prices.

Write in No. 963



This mantel from Southern Group Enterprise – Unique Mantel Co. measures 49x70 in.

#### Steptoe & Wife Antiques Ltd.

800-461-0060; Fax: 416-780-1814 www.steptoewife.com

Toronto, Ontario, Canada M6B 1V9

Fabricator of architectural metalwork: spiral & straight staircases, railings, capitals, gates & grilles; copper, iron, aluminum, steel, brass & bronze fabrication for renovation & restoration projects; mantels; tin ceilings in Canada only.

Write in No. 470

#### **Steven Handelman Studios**

805-962-5119; Fax: 805-966-9529 www.stevenhandelmanstudios.com Santa Barbara, CA 93103

Manufacturer of hand-forged traditional lighting, grilles & fireplace accessories: many types & styles of lighting & grilles; fireplace screens, grates & inserts; historic reproduction & restoration services.

Write in No. 483



The Millshouse is one of 60 styles of custom builtin fireplace screen doors available from Steven Handelman Studios.

#### **Stonesculpt**

650-575-9683; Fax: 650-322-5002 www.customstonecarving.com Palo Alto, CA 94303

Custom fabricator of hand carvings in natural stone: mantels, sculpture, fountains, monuments, flooring, balustrades, columns, capitals, signage & landscape & other architectural ornament; traditional & contemporary styles.

Write in No. 371



Stonesculpt offers a line of hand-carved limestone mantels and provides custom design services.

#### **Traditional Cut Stone, Ltd.**

416-652-8434; Fax: 905-673-8434 www.traditionalcutstone.com Mississauga, Ontario, Canada L5S 151

European master carver: architectural ornamentation & monumental statuary; carved-stone mantels; restoration; historical reproduction in limestone, sandstone & marble; stone design with clay & plaster models; hand-drawn renderings.

Write in No. 2902

#### Vintage Woodworks

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

Manufacturer & supplier of Victorian millwork: wood porch parts, turned posts, turned & sawn balusters, railings, brackets, corbels, custom-length spandrels, screen/storm doors, mantels, wood shingles & more; 144-p. catalog.

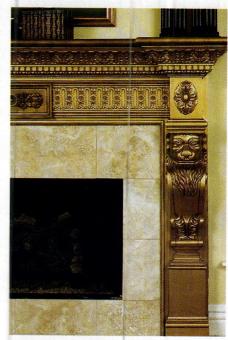
Write in No. 1061

### 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 handcarved linden products & adornments for cabinetry & furniture in cherry & maple; in stock lineals, finials, mantels & range hoods; ceiling medallions.

Write in No. 1099



This gilded mantel was fabricated by White River Hardwoods

#### Wiemann Ironworks

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

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, gates, balustrades, lighting, fences, furniture, doors & fixtures; cast & wrought iron, bronze & aluminum; CAD services.

Write in No. 1223

# **Soft Option**

Contemporary technology turns back the clock at the Marion County Courthouse in West Virginia.

#### **BY LYNNE LAVELLE**

long with the Boone County Courthouse and the Jefferson County Courthouse, the Marion County Courthouse in downtown Fairmont is regarded as one of the finest examples of Beaux Arts Classicism in West Virginia. It was designed by W.D. Priest of the firm Yost & Packard of Columbus, OH, and built ca. 1900 as testament to Marion County's status as a center of coal and gas production, and to demonstrate that the county was no longer subordinate to neighboring Clarksburg and Morgantown. As a result, the building's exterior is impressive in scale and detail. Fluted Corinthian columns support massive porticoes and a domed clock tower, and the stone façade is adorned with cast-iron symbols of justice, power, agriculture and industry, including a figure holding the scales of justice, an eagle with outstretched wings, a shovel and a mining car.

The courthouse occupies the corner of Adams and Jefferson streets, in a popular visitors' area that encompasses the Marion County Museum and the Marion County Military Veterans Plaza. However, by last year, more than a century's worth of lead paint applications, weather and pollutants had taken their toll on the courthouse's once-proud exterior. The white epoxy paint had failed in places, leaving areas of surface rust, cracking, checking and coating failure. And, prompted by the building's visible de-

terioration, the State Historic Preservation Office carried out a survey that revealed

structural failures in the roof and drainage systems.

Aided by a grant from the State Historic Preservation Office, the Marion County Commission enlisted Powe Jones Architects of Washington, DC, to begin the courthouse's phased restoration. The firm's preservation director, David Kemnitzer, was more than qualified for the job, having preserved several federal government buildings in the nation's capital. Phase one, completed in the fall of last year, addressed Marion County Courthouse's poor appearance with the restoration, surface preparation and painting of the cast-iron architectural details surrounding its tympanum.

Earlier repairs with concrete had prevented the cast iron from flexing properly, which in turn had caused cracks and corrosion. The first task for general contractor G.A. Brown & Son was to re-anchor the cornices and modillions to the façade, removing the risk to the public."The building was extremely well-built, but it had not been well-maintained and there was a lot of damage to the structural cast iron, up high on the building," says Kemnitzer. "The cracks were allowing moisture to get in, and the resulting corrosion was causing the anchors to lose their structural strength. Nobody had been injured, but it was a very precarious situation."

Once secured, the cast-iron elements were cleaned and repainted. The goal to remove multiple layers of lead-based paint without causing appreciable damage, or falling foul of EPA and OSHA requirements - posed significant challenges for conventional cleaning methods. Technologies such as sandblasting, high-pressure water cleaning, chemical cleaners and paint removers have been found to reduce



The repair, cleaning and painting of the cast-iron elements was the first phase of the ongoing structural and cosmetic restoration of Marion County Courthouse in Fairmont, WV. All photos: courtesy of Sponge-Jet, Inc.

the ability of the cleaned surface to resist water and frost, as well as producing by-products that are both difficult to dispose of and damaging to the environment. "We had lead-based paint, and we were working in a downtown area," says Kemnitzer. "We really couldn't spread lead dust all over the town, so we had to keep it contained."

Sponge-jet cleaning, a dry alternative to conventional abrasives, first came to Kemnitzer's attention in 2003. Developed in the late 1980s, it combines a recyclable sponge-like polymer with conventional abrasive grit, in a range of particle sizes for aggressive or clean-only applications. Although most conventional abrasives can be engineered into sponge media, the most commonly used types are aluminum oxide, metal grit, calcium carbonate, 40-60 mesh type III melamine, 30/40 and mesh type II plastic urea. The sponge particles are fired at the surface, where they flatten on impact, exposing banded abrasives and dislodging contaminants. After dropping from the surface, the sponges regain their original shape. A vacuum system recovers the sponges, transports them to a machine that removes contaminants, and then reloads them for almost continuous blasting, all within feet of the treated surface.

The Sponge-Jet system had been successfully applied in the masonry restorations of the Wisconsin and Idaho state capitols, returning the white-granite facades to their original condition. And with no run-off, low dust emissions and, in some applications, only 3% of the waste generated by conventional abrasives, it fit the criteria for the cast iron at the Marion County Courthouse. "I read a lot of the literature and it seemed to be ideal," says Kemnitzer. "It had the advantage of keeping all of that lead contained. And they had worked out a process for cleaning the



The Sponge-Jet blasting system was located on the same level as the work being done, allowing blasting and recycling to be carried out within feet of the blaster.



The white epoxy paint had failed in places, leading to cracks and potentially dangerous corrosion.



The cornices were re-anchored to the façade before being cleaned and repainted.

lead out of the sponge and then reusing the sponge. So we could get up there and remove the lead completely, and very easily."

Prior to the restoration, the white epoxy paint on the cast-iron elements had clashed with the stone façade. But this wasn't always the case, as originally the cast iron had been painted to complement the stone. Finding a match had proven so difficult over the years that the city had abandoned the idea, but after achieving bare metal, the firm took the opportunity to correct this with a tan color that is a little lighter than the exterior's Ohio brown sandstone."The building didn't look right before," says Kemnitzer. "The color that we chose is deliberately lighter than the stone – that helps make the transition to the sky and lighten the top of the building. It looks a lot better than it did before and I'm very happy with the result."

The phased restoration of Marion County Courthouse will continue as funding is released by the State Historic Preservation Office. Kemnitzer estimates that repairs to the dome, clock tower and balustrade could keep the firm busy for 10 years or more." There's a lot more work to be done there," he says. "They deferred maintenance for many, many decades. We don't know exactly what's coming next, but we're making good progress." TB





Above: Heavy-loading scaffolding was erected around the front entrance of the Marion County Courthouse while its cast-iron elements were repaired, cleaned

Left: To blend the cast-iron elements with the courthouse's sandstone exterior, a light tan paint color was selected.

# Elegance That's Affordable Finials **Liberty Ornamental Products**

WRITE IN NO. 5340

872 E. Trevitt Street • Bryan, OH 43506 Tel: (800) 636-5470 • Fax: (419) 636-2365

www.libertyornamental.com



\$425 & up Fax 1-713-680-2571 4166 Pinemont

Houston, TX 77018

Free Brochure Stock for Fast Shipping

**WRITE IN NO. 4870** 

Shoes

Call or Visit

Our Website

# Architectural metals. Because one thing millions of Chicago visitors don't expect to see is a boring loading dock. Architectural metals give new life to a setting. Robinson Iron designers and engineers can cast and fabricate iron, steel, bronze and aluminum to makeover any site. This project included custom signage, a re-creation of twin belvederes, delivery and installation. Visit Robinson Iron online to learn more about Navy Pier, architectural metals and our extensive line of products and services. **Navy Pier** Chicago, IL **Robinson Iron** RESTORATIONS • REPLICATIONS • NEW CREATIONS

WRITE IN NO. 3240

1 800-824-2157 • (256) 329-8486 • www.robinsoniron.com

# **Custom Metalwork**

To order product literature, go to www.traditional-building.com 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. 9939.

#### **Acorn Forged Iron**

508-339-4500; Fax: 508-339-0104 www.acornmfg.com Mansfield, MA 02048

Supplier of forged-iron & forged stainless-steel decorative hardware: cabinet, shutter, gate & interior & exterior door hardware; cast-iron registers & grilles; hand-forged bath accessories; handforged decorative-head nails.

Write in No. 1690

#### Allen Architectural Metals, Inc.

800-204-3858; Fax: 256-761-1967 www.allenmetals.com Talladega, AL 35161

Manufacturer of ornamental metal: street amenities, signage, lighting, columns, building components, doors, cupolas, finials, cresting, architectural elements, canopies, bollards, railings & grilles; variety of alloys & finishes.



Allen Architectural Metals offers a wide range of custom metalwork, including fencing.

#### **Andrews Custom Metalwork** and Design, LLC

704-351-0760; Fax: 704-599-0982 www.ifitsmetal.com Charlotte, NC 28221

Custom fabricator of metalwork: arbors, fencing, gates, fireplace screens & tools, railings, forged metalwork, stairs & more.

#### **Architectural Grille**

800-387-6267; Fax: 718-832-1390 www.archgrille.com Brooklyn, NY 11215

Manufacturer of custom grilles: perforated & linear bar grilles; aluminum, brass, steel & stainless steel; variety of finishes; stock sizes; water-jet & laser cutting.

Write in No. 2220



Architectural Grille custom designs and manufactures grilles using water-jet-cutting technology.

#### **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, wroughtiron components, balustrading, door hardware, lighting, ceiling tile, furniture & cabinet components & more.

Write in No. 1088

#### **B&B Sheetmetal**

718-433-2501; Fax: 718-433-2709 www.bbsheetmetal.com Long Island City, NY 11101

Manufacturer of copper cornices, dormers, flashing, cupolas, gutters, downspouts, louvers, conductor heads & radius/ tapered roof panels: water-jet custom cutting; 'How to Solder' DVD. Write in No. 1679

#### **Baschnagel Brothers**

718-767-1919; Fax: 718-767-5141 www.baschnagel.com Whitestone, NY 11357

Manufacturer & installer of metal roofing: fabrication & installation of all types of ornamental copper gutters, leaders & more; metal repair & restoration; works with New York Landmarks Conservancy. Write in No. 1012

#### **Bill's Custom Metal** Fabrications, Inc.

516-333-3562; No fax www.ironcrafters.com Westbury, NY 11590

Manufacturer of ornamental metalwork: railings, furniture, fireplace doors, hardware & candelabras; handcrafted & hand forged.

Write in No. 1270



This ornate, hand-forged iron stair railing with bronze accents is the work of Bill's Custom Metal Fabrications.

#### Campbellsville Industries, Inc.

800-467-8135; Fax: 270-465-6839 www.cvilleindustries.com Campbellsville, KY 42718

Manufacturer & installer of architectural metalwork: steeples, cupolas, clock towers, finials, weathervanes, dormers, cornices, crosses, columns, balustrades, picket & paneled railings; aluminum, copper, zinc & lead-coated copper.

Write in No. 2730



This Moroccan-style iron railing was hand forged by Christopher Thomson Ironworks.

#### **Christopher Thomson Ironworks**

505-421-2645; Fax: 505-421-2618 www.ctiron.com

Ribera, NM 87560

Designer of hand-forged steel & bronze lighting: chandeliers, sconces, pendants, lanterns & table lamps; Southwestern/ rustic & transitional contemporary; UL approved; gates & fireplace tools; new designs & custom work.

Write in No. 237

#### CopperCraft, Inc.

800-486-2723; Fax: 817-490-9661 www.coppercraft.com Keller, TX 76248

Manufacturer of sheet-metal products: spires, finials, louvers, dormers, weathervanes, cupolas, conductor heads, cornices, cladding, chimney caps, canopies & more. Write in No. 1490

#### Craftsmen Hardware Co.

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

Supplier of Arts & Crafts-style hardware: door, window, cabinet & drapery hardware; hand-hammered copper; lighting.

Write in No. 6980



These Arts and Crafts-style grilles are manufactured in hand-hammered copper by Craftsmen Hardware.

#### D.J.A. Imports, Ltd.

718-324-6871; Fax: 718-324-0726 www.djaimports.com Bronx, NY 10466

Distributor of architectural metal components: gates, railings, stairs, gate & door hardware, machinery for the metal industry & specialty items; stainless steel & aluminum; reproductions; riveted gates & railings, operators & more.

Write in No. 495



DeAngelis Iron Work fabricated this swirling stair rail pattern.

#### **DeAngelis Iron Work, Inc.**

888-676-4766; Fax: 508-238-7757 www.deangelisiron.com South Easton, MA 02375

Custom fabricator & installer of ornamental metalwork: fences, gates, columns, capitals, benches & more; cast & wrought iron, bronze, brass, aluminum, stainless steel & more; roofing.

Write in No. 1023

#### **Durable Slate Co., The**

800-666-7445; Fax: 614-299-7100 www.durableslate.com Columbus, OH 43201

Contractor providing historic restoration: slate, tile & metal roofing; exterior metal ornament; restoration of masonry, monuments, doors, windows, interiors, steeples, spires & cupolas; Midwest, East & South regions; since 1986.

Write in No. 3720

#### EJMcopper, Inc.

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

Custom fabricator of copper products: cupolas, dormers, weathervanes, finials, vents, chimney caps & more.

Write in No. 1377

#### **F2** Industries

888-895-4224; Fax: 815-895-4214 www.f2industries.com Sycamore, IL 60178

Designer & fabricator of architectural & ornamental metalwork: doors, fences, gates, railings, lighting, sculpture & more; Art Nouveau, Art Deco, French, Italian, Spanish & German styles; restoration services.

Write in No. 1875

#### Fagan's Forge

888-963-0130; Fax: 860-963-0130 www.fagansforge.com Pomfret Center, CT 06259

Supplier of hand-forged door hardware: reproduced from firm's collection of 18th-century wrought-iron latches, hinges, bolts, hooks, pulls & more; strap hinges for barn doors; shutter dogs; iron trammel hooks for fireplace cranes. Write in No. 1010

#### **Fierro Metalsmith**

760-445-4102; No fax www.fierrometalsmith.com Escondido, CA 92027

Custom fabricator of metalwork: door & shutter hardware; fireplace screens; forged; grilles; railings; stair balustrades & handrails.

#### **Fine Architectural Metalsmiths**

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

Designer & custom fabricator of ornamental metalwork: period appropriate motifs; custom lighting; curved, straight & monumental stairs; driveway & garden gates; hand forged & wrought iron, bronze & aluminum.

Write in No. 2640

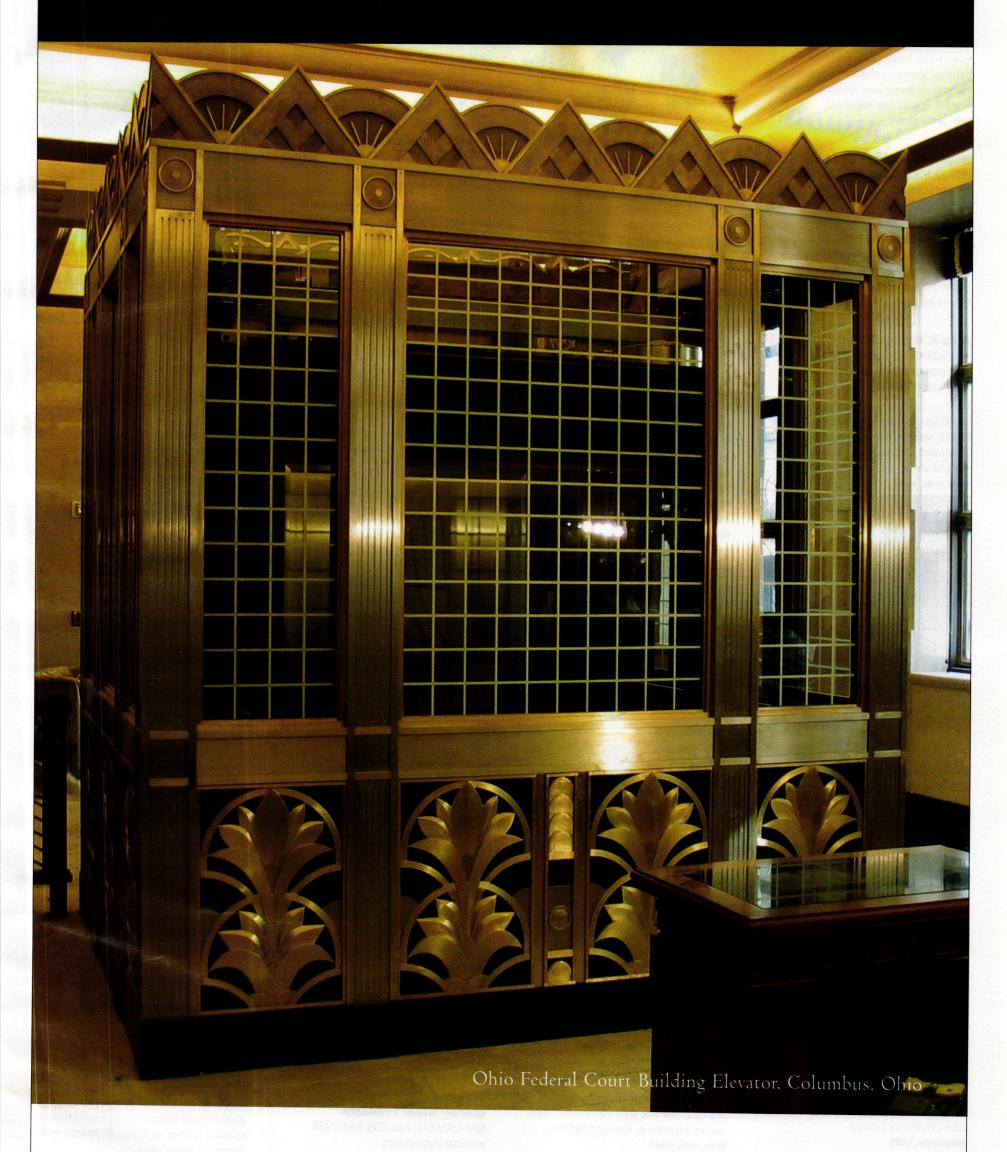
#### Goddard Mfg. Co.

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

Custom fabricator of stairs: spiral & curved; balusters & newels; all wood (mainly pine & oak), steel/wood combinations & all steel; wholesale prices.

Write in No. 4780

# RADIANT RESTORATION



Allen Architectural Metals, Inc. can achieve designs to meet new applications or replicate any historical style in a variety of alloys. We offer a variety of services to meet your various needs.

Historical Site Consultation | Design/Build Services | Value Engineering Pattern Making | Custom Castings | Historic Replication & Restoration Fabrication Installation Finishing Services | Laser Cutting For Custom Design ALLEN ARCHITECTURAL METALS

Custom Casting, Restoration, and Preservation

800-204-3858 | www.allenmetals.com

Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493 www.historicalarts.com West Jordan, UT 84088

Designer & custom fabricator of ornamental metalwork: doors, windows, hardware, stairs, balustrades, registers, fences, lighting, gutters, columns, weathervanes, planters & more; iron, bronze, aluminum & steel; restoration services.

Write in No. 1210

**House of Antique Hardware** 

888-223-2545; Fax: 503-233-1312 www.houseofantiquehardware.com Portland, OR 97214

Manufacturer & supplier of door, window & furniture hardware & accessories: rare & ornate hardware; 1860s-1930s styles; switch plates; grilles & registers; historical reproductions.

Write in No. 1096

John F. Graney Metal Design, LLC

413-528-6744; Fax: 413-528-6749 www.graneymetaldesign.com Sheffield, MA 01257

Custom fabricator of ornamental metalwork: fences, gates, railings, tree grates, hearth screens, benches, lighting & more; aluminum, bronze & stainless steel; ecclesiastical work.

Write in No. 4840



John F. Graney specializes in the design and production of traditional and contemporary wrought metalwork.

#### Kayne & Son Custom Hardware, Inc.

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

Manufacturer of forged- & cast-metal hardware: strap, H, HL, butterfly & butt hinges; thumb-latch locksets, gate hardware, shutter dogs & more; fireplace tools; bathroom accessories & kitchen equipment; restoration services.

Call for more information.

#### Kees, Inc., Architectural Division

800-889-7215; Fax: 920-876-3065 www.kees.com

Elkhart Lake, WI 53020

Custom fabricator of architectural grilles & radiator covers: stamped & linear bar types; for architectural & HVAC applications; aluminum, brass, bronze, stainless steel, galvanized steel & steel; many finishes; water-jet cutting.

Write in No. 1335

#### Kenneth Lynch & Sons, Inc.

203-762-8363; Fax: 203-762-2999 www.klynchandsons.com Wilton, CT 06897

Manufacturer of ornamental metalwork & cast-stone products: planters, urns, benches, fountains, statuary, topiary, sundials & weathervanes; cast stone, cast & wrought iron, lead & bronze; stock & custom designs.

Call for more information.



Liberty Brass manufactures a range of custom components including these decorative fittings.

#### Liberty Brass Turning Co.

718-784-2911; Fax: 718-784-2038 www.libertybrass.com Long Island City, NY 11101

Manufacturer of metal components: drawer pulls, window hardware, lamp finials, couplings, turned bar stock knobs, spacers, balls, check rings & furniture & display fittings; brass, aluminum & stainless steel; custom & stock.

Write in No. 8440

#### **Liberty Ornamental Products**

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

Manufacturer of metal components: die-cast metal ball tops, caps, shoes & finials; non-rusting pewter finish; plastic ornamental finials & decorative scrolls in a variety of colors.

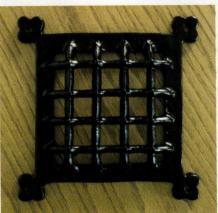
Write in No. 5340

#### Maguire Iron Corp.

510-234-7569; Fax: 510-232-7519 www.maguireironcorporation.com Richmond, CA 94801

Manufacturer & supplier of traditional hardware & lanterns: door, cabinet, window, gate & mailbox hardware; knobs & levers with compatible locks, various backsets & functions; wrought iron, pewter, rust, brass & bronze; grilles.

Write in No. 7600



This 6-in. door grille from Maguire Iron was handmade from malleable iron.

#### Master's Metalworks, Inc.

561-718-7588; Fax: 561-686-0009 www.mastersmetalworks.com Boynton Beach, FL 33436

Manufacturer of forged & fabricated custom metalwork: railings, gates & fencing; stairs & stair balustrades; steel doors; interior & exterior lighting.

Write In No. 1897

Michigan Ornamental Metals

201-945-4930; Fax: 201-945-4931 www.michiganornamental.com Ridgefield, NJ 07657

Custom fabricator of metal ornament: columns, capitals, rosettes, wreaths, cornices & ceilings; cupolas, domes, gutters, finials, leaders & leader boxes; stamped/pressed sheet metal; replications & historic reproductions.

Write in No. 9520

#### **Modern Art Foundry**

718-728-2030; Fax: 718-267-0819 www.modernartfoundry.com Astoria, NY 11105

Bronze casting: lost-wax & sand castings; non-ferrous metals; sculpture & commemorative design services; conservation & maintenance; more than 70 years of experience.

Write in No. 1810

#### **Monarch Products Co.**

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

Supplier of all-steel radiator enclosures: baked-enamel finishes & grille fronts; stock & custom; for corporate board-rooms, offices, churches, institutions & private residences.

Write in No. 6060

### Mueller Ornamental Iron Works, Inc.

847-758-9941; Fax: 847-758-9945 www.ornamentaliron.net Elk Grove Village, IL 60007

Designer & fabricator of ornamental metalwork: doors, fences, gates & stairs; cast iron, forged steel, stainless steel, aluminum & bronze; restoration services; custom work.

Write in No. 229

#### NIKO Contracting Co., Inc.

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

Custom fabricator & contractor of sheet metal & roofing: slate, tile & other roofing; storefronts, cornices, cupolas, domes, steeples, snowguards & leader heads; copper, lead-coated copper, zinc & stainless steel; metal ceilings.

Write in No. 8300



O.K. Foundry fabricated this custom cast-iron stairway fascia and newel post cap for the restoration of the Virginia State Capitol.

#### O.K. Foundry Co., Inc.

804-340-0919; Fax: 804-233-6240 www.okfoundrycompany.com Richmond, VA 23224

Custom fabricator of cast-iron elements: sculpture, columns & capitals, bollards, stanchions, mantels, fireplaces, chimneys & accessories.

Write in No. 1894

#### **Oakley Steel Products**

888-OAKLEY2; Fax: 708-544-7986 www.oakleysteel.com Bellwood, IL 60104

Manufacturer of custom spiral stair stringers & stair pans: curved tubes, angles, handrails, channels, plates & beams; stainless steel, aluminum & various alloys.

Write in No. 8039

#### Old Smithy Shop

603-672-4113; Fax: Same as phone www.oldsmithyshop.com Brookline, NH 03033

Custom fabricator of hand-forged Early American hardware: Suffolk & Norfolk latches & pulls; pintle strap hinges & H & H-L hinges & cabinet latches; window, gate & barn hardware; custom metalwork. Write In No. 5110



The custom components used to create this stair in a Wisconsin museum were supplied by Oakley Steel Products.

#### **Ornametals, LLC**

256-350-7410; Fax: 256-309-5921 www.ornametals.com Decatur, AL 35601

Fabricator & distributor of metal roofing & roof ornament: finials, cupolas, crosses, weathervanes, gutters, leader boxes & more; exterior balustrades & cornices; copper & zinc.

Write in No. 5025



Robinson Iron designed and fabricated this elegant stair railing.

#### Robinson Iron Corp.

800-824-2157; Fax: 256-329-8960 www.robinsoniron.com Alexander City, AL 35011

Designer & installer of custom metalwork: fountains, columns, fences, railings, sculpture, benches, grilles, cupolas, street lighting & more; wrought iron/ steel, aluminum, bronze & cast iron; historical restoration.

Write in No. 3240

#### Schiff Architectural Detail

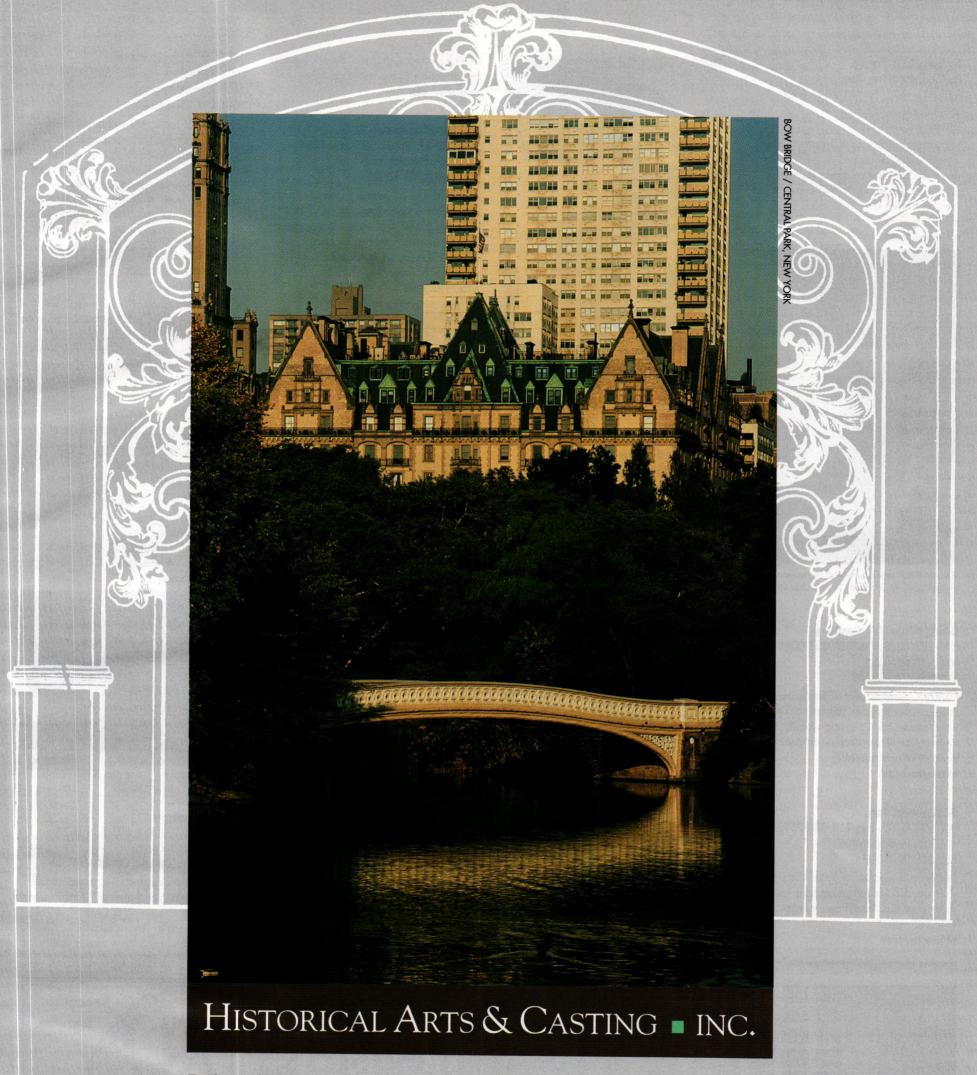
617-887-0202; Fax: 617-887-0127 www.schiffarchitectural.com Chelsea, MA 02150

Custom fabricator of metalwork: exterior lamps, lampposts, plaques, fences, fountains & interior & exterior railings; non-ferrous forged work; machine-shop service; rubber molding & pattern work; historical restoration.

Write in No. 7730



Schiff Architectural specializes in fences, gates and stair railings.



Dedicated to the quality design, manufacture and installation of architectural cast metal ornament. Our craftsmen specialize in the restoration and replication of traditional details in bronze, aluminum and iron alloy. For more information call (801) 280-2400.

1(800)225-1414



www.historicalarts.com

#### Schwartz's Forge & Metalworks, Inc.

315-841-4477; Fax: 315-841-4694 www.schwartzsforge.com Deansboro, NY 13328

Custom fabricator of architectural metalwork: straight, curved & spiral stairs; doors, railings, newel posts, lighting, gates, fencing, grilles & fountains; forged bronze, monel steel & stainless steel; historical restoration.

Write in No. 1218



This intricately detailed curved railing was designed and fabricated by Schwartz's Forge & Metalworks.

#### **Scottsdale Art Factory**

800-292-0008; Fax: 800-292-0046 www.artfactory.com Scottsdale, AZ 85260

Custom manufacturer of furniture, grand entrance doors, gates, lighting & hardware: handmade in exotic woods, stone, copper, iron & leathers; more than nine decades of craftsmanship.

Write in No. 1625

#### Stairways, Inc.

800-231-0793; Fax: 713-680-2571 www.stairwaysinc.com Houston, TX 77018

Designer & manufacturer of Victorianstyle spiral & straight stairs, stair parts, supplies & kits: steel, brass, stainless steel, wood & more.

Write in No. 4870



This metal spiral staircase was designed and manufactured by Stairways.

#### Steptoe & Wife Antiques Ltd.

800-461-0060; Fax: 416-780-1814 www.steptoewife.com Toronto, Ontario, Canada M6B 1V9

Fabricator of architectural metalwork: spiral & straight staircases, railings, capitals, gates & grilles; copper, iron, aluminum, steel, brass & bronze fabrication for renovation & restoration projects; tin ceilings in Canada only.

Write in No. 470



The Kensington cast-iron staircase from Steptoe & Wife Antiques gives period character to the entry of this Toronto establishment.

#### Steven Handelman Studios

805-962-5119; Fax: 805-966-9529 www.stevenhandelmanstudios.com Santa Barbara, CA 93103

Manufacturer of hand-forged traditional lighting, grilles & fireplace accessories: many types & styles of lighting & grilles;

fireplace screens, grates & inserts; historic reproduction & restoration services.

Write in No. 483

#### Sur-Fin Chemical Corp.

323-262-8108; Fax: 323-264-7734 www.surfinchemical.com Los Angeles, CA 90023

Manufacturer of patinas & metal coloring liquids: for copper, brass, bronze, steel, galvanized steel, aluminum, zinc, pewter & iron; interior/exterior lacquers, coatings & cleaners; for roofs, gutters, lighting, gates & more.

Write in No. 5620



Sur-Fin Chemical supplies a wide range of patinas, metallic paints and lacquers for all types of metal.

#### **The Golden Lion**

310-398-2848; Fax: 310-398-0605 www.thegoldenlion.com Los Angeles, CA 90066

Importer of European hardware & accessories in hand-forged iron & bronze: window & door hardware; bronze fountain spouts; traditional & period styles.

Write in No. 115



Vulcan Supply custom fabricated the shingles for this copper pagoda in its Vermont shop before completing the installation on site.

#### **Vulcan Supply Corp.**

802-893-0512; Fax: 802-893-0534 www.vulcansupply.com Westford, VT 05494

Supplier of replicated architectural sheetmetal ornamentation: custom & stock finials, weathervanes, cornices, vented ridge cresting, leader boxes, cupolas, roof vents & more; all periods & styles.

Write in No. 1849

#### Wagner Foundry, Inc.

800-276-1084; Fax: 773-276-9656 www.wagnerfoundry.com Chicago, IL 60622

Custom fabricator of architectural, art & industrial castings: hardware, sculpture, grilles, signage, plaques, storefront elements & cast-metal ornament; aluminum, bronze & brass; sand & lost-wax casting; ecclesiastical work.

Write in No. 1062

#### **Wiemann Ironworks**

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

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, gates, balustrades, lighting, fences, furniture, doors & fixtures; cast & wrought iron, bronze & aluminum; CAD services.

Write in No. 1223



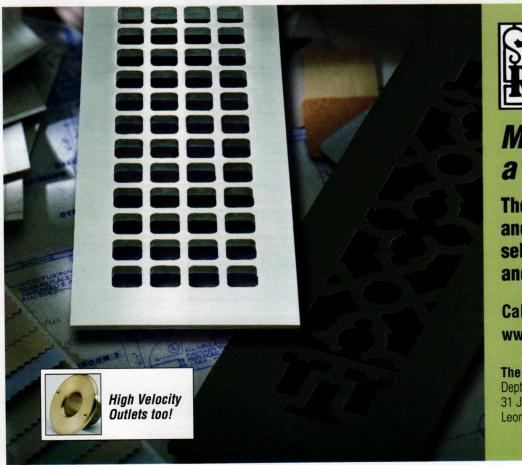
Wiemann Ironworks designed and fabricated this custom hand-forged iron railing.

#### Wylie Metals

800-525-6609; Fax: 905-238-5623 www.wyliemetals.com Mississauga, Ontario, Canada L4W 1A1

Manufacturer of custom & standard railings: all metals; commercial & institutional projects.

Write in No. 1577





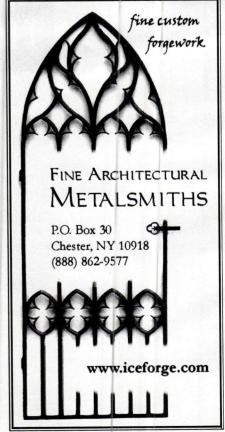
# Made to last a Lifetime

The finest quality and largest selection of sizes and materials

Call (800)880-3090 www.reggioregister.com

The Reggio Register Co. Dept. Z7706 31 Jytek Road, Leominster, MA 01453





WRITE IN NO. 2640





Supplying Custom Stair Components – Spiral Stair Stringers, Hand Rails and Stair Pans Rolled and Formed to Your Design.

The Oakley Steel Companies are one of the most diverse custom shaping, bending and forming companies. Our state-of-the-art facilities and extensive line of equipment provide the vast capabilities required to meet virtually any forming need.

We specialize in the shaping of carbon, stainless, aluminum and other various alloys to exact specification: Channels • Pipe • Bars • Beams • Angles • Plate • Tubing • And Much More.

With locations throughout the country in Illinois, Missouri, North Carolina and Colorado, we are able to provide a superior product on time and in budget – it's a promise we deliver.

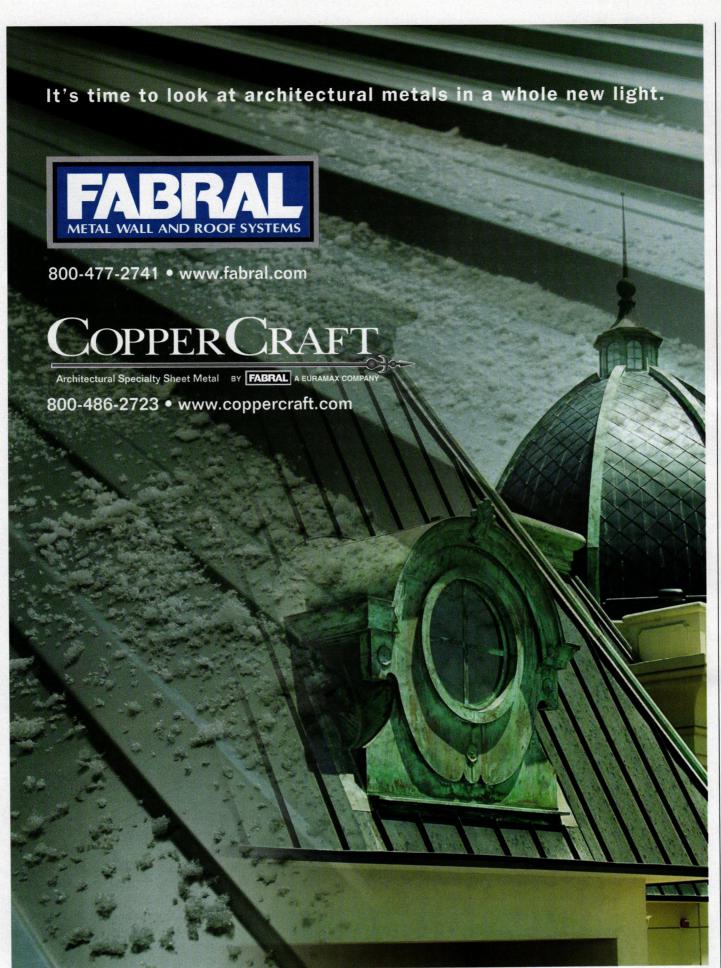
For more information on how the Oakley Steel Companies can service your custom shaping needs please contact us at:

888-OAKLEY2 (888-625-5392)



www.oakleysteel.com

Illinois • toll-free: 888-625-5392 • fax: 708-544-7986 • e-mail: elibby@oakleysteel.com Missouri • toll-free: 866-781-5717 • North Carolina • toll-free: 866-797-6959 • Colorado • toll-free: 800-690-6711



WRITE IN NO. 1490

## Mueller Ornamental Iron Works

Designers and Fabricators of Custom Crafted Handforged Ornamental Metals.

Iron - Brass Aluminum & Stainless Steel





WRITE IN NO. 229



WRITE IN NO. 1875



**WRITE IN NO. 1218** 

#### SPIRAL STAIRCASES CUSTOM BUILT TO YOUR ORDER

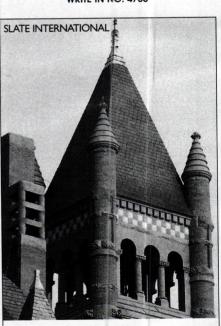
Complete with wooden railing. The most attractive and priced far below the rest.



Prices start at \$495 for metal stairs, \$1,570 for all wood stairs. SEND FOR FULL COLOR BROCHURE OR CALL 800-536-4341.

Goddard Manufacturing Box 502 Dept. TB • Logan, KS 67646 www.spiral-staircases.com

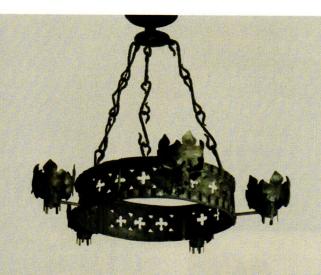
WRITE IN NO. 4780



#### www. traditional-building .com

The internet marketplace for historical products
& services





# MASTER'S METALWORKS, INC.

Handcrafted metals to your custom designs



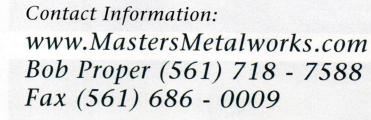














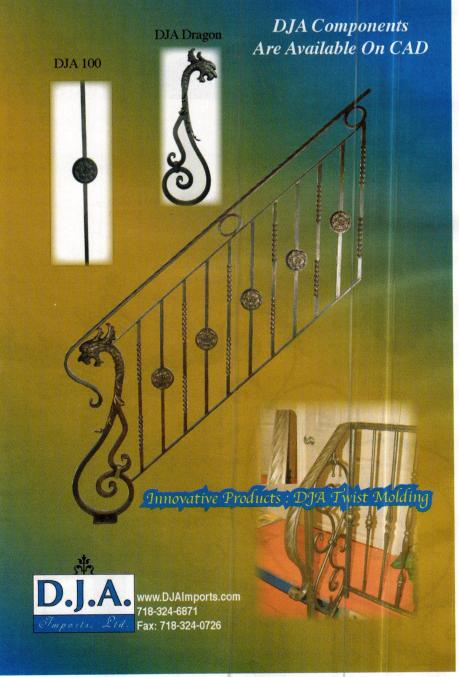


WRITE IN NO. 5025



**WRITE IN NO. 2636** 



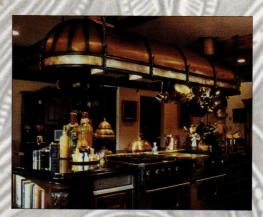


WRITE IN NO. 495









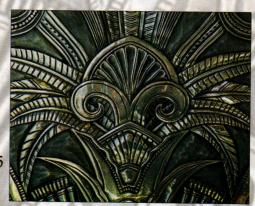


SERVING A NATIONAL MARKET WITH FINE CLISTOM ORNAMENTAL METALWORK SINCE 1940

# WIEMANNINGERONWORKS

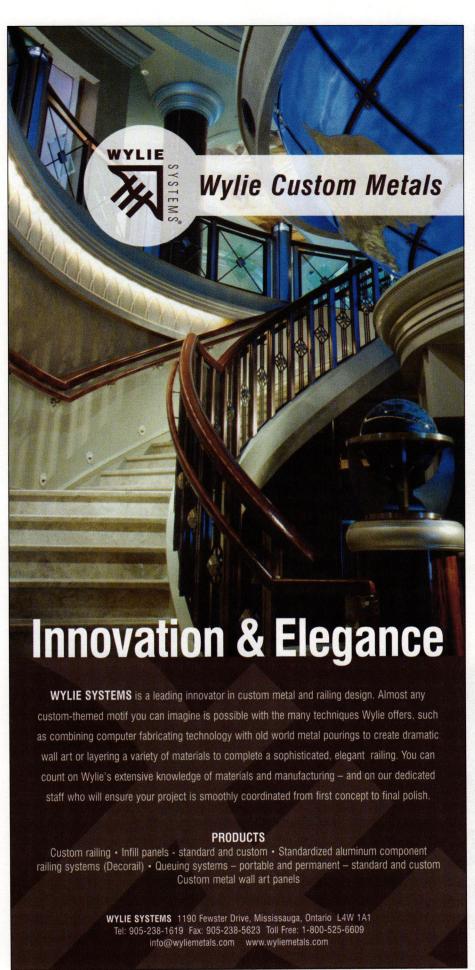
The craftsmen at Wiemann Ironworks are committed to producing the finest quality cast and wrought ornamental metalwork available by providing superior design, expert fabrication and installation as well as, accurate replication and conscientious restoration in a wide range of metal alloys, finishes, and architectural styles.



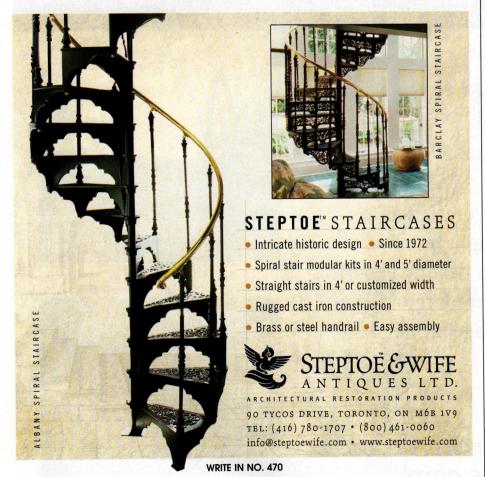


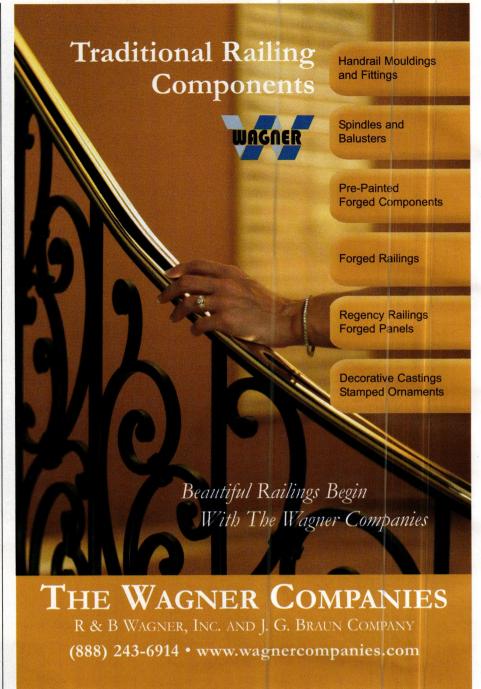
2620 East 11th Street • Tulsa, Oklahoma • 74104 • USA • Tel (918) 592-1700 • Fax (918) 592-2385

www.wiemannironworks.com



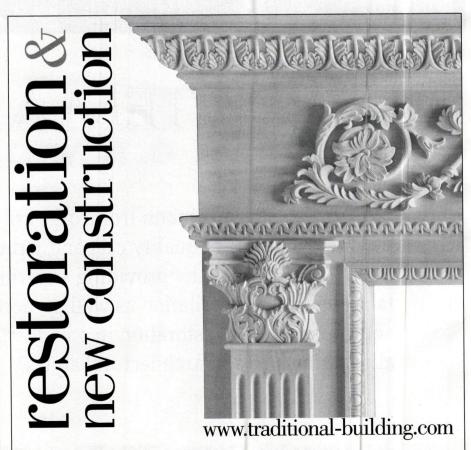






WRITE IN NO. 8035

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



# FOR YOUR COMPLIMENTARY CATALOG CALL US AT 1.800.387-6267\* ARCHITECTURAL GRILLE 42 Second Avenue, Brooklyn, New York 11215

Phone 718.832.1200 Fax 718.832.1390

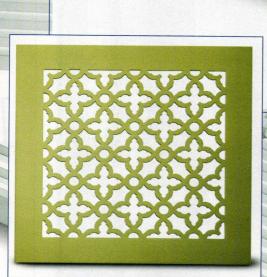
www.archgrille.com info@archgrille.com

\*Phone number valid outside of New York State



- · Perforated Grilles · Bar Grilles
- Curved Grilles
   Custom Grating
   Logos
   with Waterjet and Laser Cutting
   Systems
  - Stock Items Available
- MATERIALS: Aluminum, Brass, Bronze, Steel, Stainless Steel, Wood and Stone
  - FINISHES: Mirror Polish, Satin, Statuary Bronze, Primed, Anodized Colors, and Baked Enamel Colors

Custom Designed, Fabricated & Finished









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

- Stair and Balcony Rails
- Fences and Gates
- Ornamental Security Doors
  - Fixtures and Furniture
- Architectural Metal Grilles
- · Public, Private, and Religious

WIEMANN IRONWORKS

> 2620 EAST 11TH STREET TULSA, OKLAHOMA 74104 (918) 592-1700 FAX (918) 592-2385

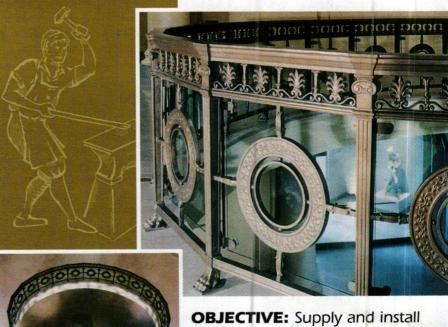
www.wiemanniron.com

WRITE IN NO. 1223



WRITE IN NO. 2636

# IRONMASTERS



De Angelis IRON WORK OINC.

305 Depot Street • P.O. Box 350
South Easton, Massachusetts 02375
(508)238-4310 •FAX:(508) 238-7757
Outside MA 1-888-ORN-IRON
(1-888-676-4766)

www.deangelisiron.com

**OBJECTIVE:** Supply and install new custom cast iron rail at elliptical opening for the Museum of Fine Arts in Boston, MA

pilemma: Located in the same space is a historic cast iron rail. The design of this rail must be replicated and the height increased by 6" to be compliant with modern building codes.

**SOLUTION:** DeAngelis Iron Work, Inc.

Quality custom ornamental fabrications since 1954"

WRITE IN NO. 1023





#### I, N, T, B, A, U

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

# NEW! PRODUCT LITERATURE ONLINE

The fastest way to get supplier catalogs

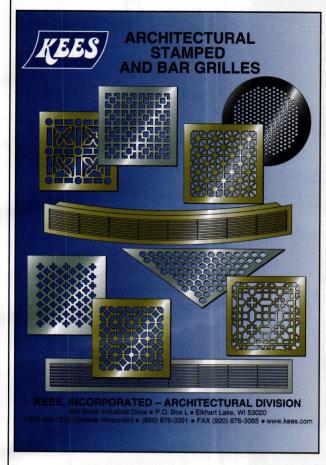
This issue's "Free Product Literature" Form is now online. Literature requests are E-Mailed directly to advertisers for fastest action. To use this online service:

- Log onto www.traditionalbuilding.com
- Click on "Free Product Literature"
- Select "Issue Product Literature Card"

www.traditionalbuilding.com

Product Information Online

### Your Single Source For All Your Architectural Grille Needs



### Available Products:

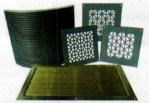
- Stamped Grilles
- Bar Grilles
- Curved Grilles
- Waterjet Cut Grilles
- · Floor Grating
- Mushroom Ventilators
- Air Baseboard

### In A Wide Variety Of Materials:

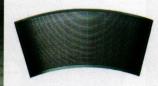
- Steel
- Galvanized Steel
- Aluminum
- Stainless Steel
- Brace
- Architectural Bronze
- Commercial Bronze

#### And Finishes:

- Painted
- Satin Polish
- Mirror Polish
- Anodized
- Oxidized







Wateriet Cutting

KEES, INCORPORATED • 400 S. INDUSTRIAL DRIVE • P.O. BOX L ELKHART LAKE, WI 53020 • PHONE (920) 876-3391 • FAX (920) 876-3065 • www.kees.com

WRITE IN NO. 1335



804-233-9674



#### CUSTOM ARCHITECTURAL CAST IRON

Complete foundry services for the conservator, architect, and contractor.

Artisinal foundry patternmaking, molding, and casting. Modern metallurgy including gray iron for historic reproduction and ductile iron for engineered structures.

One of a kind or production quantities.

- Plaster molding for exact replicas
- Foundry patterns from drawings or photographs
- Gray and ductile iron casting up to 700 lbs.
- Small runs or high volume



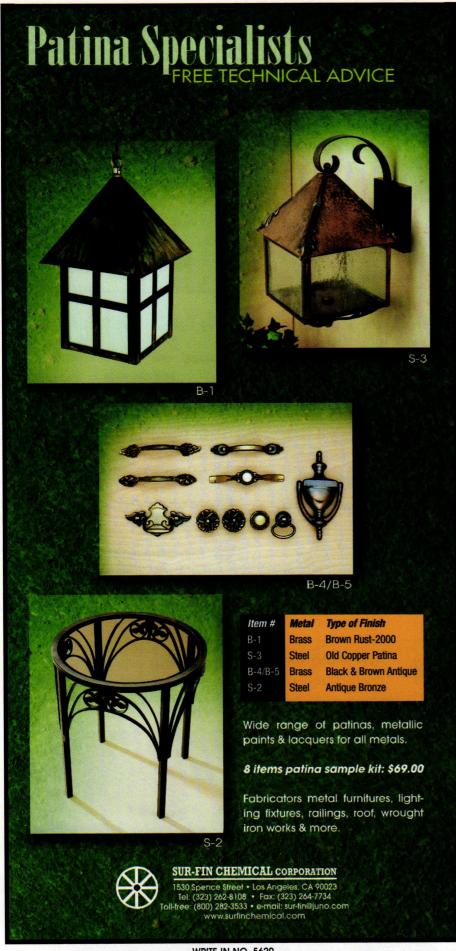
#### www.okfoundrycompany.com

contact@okfoundrycompany.com

WRITE IN NO. 1894

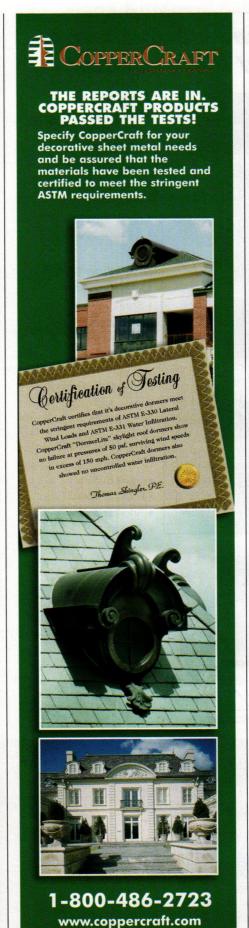


1838 N. Elston Ave. Chicago, IL 60622 • Phone: 773-276-7907 • Fax: 773-276-9656 • Toll Free: 800-276-1084 www.wagnerfoundry.com



**WRITE IN NO. 5620** 





WRITE IN NO. 1490

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



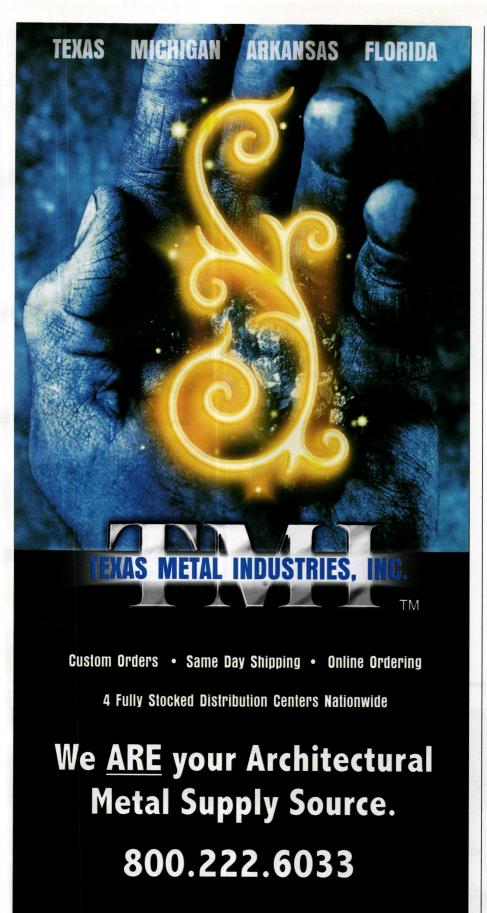
Announcing a New Way to...

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

www.TradWebDirectory.com

www.traditional-building.com

Internet gateway to historical products



www.texasmetalindustries.com

WRITE IN NO. 9430



WRITE IN NO. 1270

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

800-548-0193



# Playing our part for three generations.



Peter and David Zuckerwise are the third generation of Liberty Brass owners. We're proud of our 88-year heritage and the reputation we've earned by consistently producing the high quality turned products you need, when you need them.

We offer tens of thousands of brass, aluminum, steel and stainless steel parts, including:



- Balls Couplings Spindles Armbacks
- Decorative Hardware Spacers Adapters



Our state-of-the-art CNC, EDM, and Screw Machines in our 25,000 sq. ft. facility allow us to custom manufacture any part to any specification, in any quantity—from 2 to 2,000,000.

Whether you need prototypes or large production runs, we're ready to deliver. And we can import for you too! Our ability to produce any item in our New York factory that we import for you assures seamless supply even if there are unforeseen delays of a shipment. And when you want parts in a hurry, you can depend on our *Green Light Priority Service*.



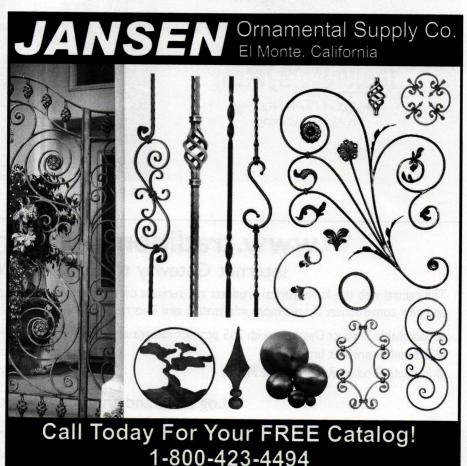
Help us celebrate 88 years of Liberty! For a free catalog or quote, call **718-784-2911** or visit www.libertybrass.com



Liberty Brass

38-01 Queens Boulevard, Long Island City, NY 11101 FAX 718-784-2038

WRITE IN NO. 8440



# **Custom Plumbing, Bath & Heating**

To order product literature, go to www.traditional-building.com 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. 9940.

#### **Architectural Grille**

800-387-6267; Fax: 718-832-1390 www.archgrille.com Brooklyn, NY 11215

Manufacturer of custom grilles: perforated & linear bar grilles; aluminum, brass, steel & stainless steel; variety of finishes; stock sizes; water-jet & laser cutting.

Write in No. 2220



Country Road Associates uses reclaimed 19th-century barn wood to build its custom kitchen cabinetry.

#### **Country Road Associates, Ltd.**

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

Supplier of reclaimed wood: wide board & random width; chestnut, maple, oak, pine, heart pine, cherry, elm & walnut; distributor of reclaimed barn siding, hand-hewn beams, paneling & cabinetry. Write in No. 7480

#### Craftsmen Hardware Co.

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

Supplier of Arts & Crafts-style hardware: door, window, cabinet & drapery hardware; hand-hammered copper; lighting. Write in No. 6980

#### Kees, Inc., Architectural Division

800-889-7215; Fax: 920-876-3065 www.kees.com Elkhart Lake, WI 53020

Custom fabricator of architectural grilles & radiator covers: stamped & linear bar

types; for architectural & HVAC applications; aluminum, brass, bronze, stainless steel, galvanized steel & steel; many finishes; water-jet cutting.

Write in No. 1335

#### **Monarch Products Co.**

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

Supplier of all-steel radiator enclosures: baked-enamel finishes & grille fronts; stock & custom; for corporate boardrooms, offices, churches, institutions & private residences.

Write in No. 6060



The Groton model from Monarch Products is made of heavy-gauge steel combined with fine grille work.

#### **Old Smithy Shop**

603-672-4113; Fax: Same as phone www.oldsmithyshop.com Brookline, NH 03033

Custom fabricator of hand-forged Early American hardware: Suffolk & Norfolk latches & pulls; pintle strap hinges & H & H-L hinges & cabinet latches; window, gate & barn hardware.

Write in No. 5110

#### **Plain & Fancy Custom Cabinetry**

800-447-9006; Fax: 717-949-4322 www.homeportfolio.com Schaefferstown, PA 17088

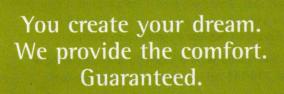
Fabricator of custom kitchens: contemporary to American classics like Arts & Crafts; built-in & freestanding cabinets & furniture.

#### Unico System, Inc.

800-527-0896; Fax: 314-457-9000 www.unicosystem.com Saint Louis, MO 63111

Supplier of mini-duct systems for retrofitting HVAC systems into old buildings: small, flexible hoses.

Write in No. 1779

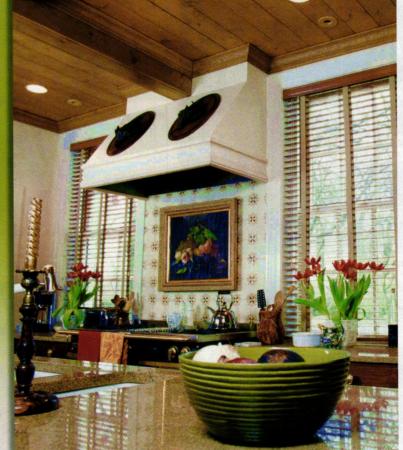


Your comfort begins at www.unicosystem.com/iah



## The Unico System®

**Small-Duct Central Heating** & Air Conditioning



**WRITE IN NO. 1779** 

### www.traditional-building.com

Internet Gateway to Historical Products

The central web site for historical 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.

- 276 online product brochures
- In-depth Product Report of the Month
- Searchable Product Database with 255 product categories 727 companies listed and indexed in the Product Database
  - Links to 673 companies and related organizations
  - E-mail order form for Product Literature

Log onto and then bookmark:

www.traditional-building.com

# BUY FACTORY DIRECT & SAVE • EASY TO ASSEMBLE MANY STYLES & COLORS • BAKED ENAMEL FINISH Send 1.00 for Brochures. Refundable with Order. MONARCH Dept. TB

**WRITE IN NO. 6060** 

P. O. Box 328,111 Kero Road, Carlstadt, NJ 07072 (201) 507-5551



209-728-2031 • www.deabath.com 495 Main Street • Murphys, CA 95247 Quality and Service since 1976

WRITE IN NO. 5860 FOR HARDWARE & NO. 1725 FOR PLUMBING



# **Custom Roofing & Roof Specialties**

To order product literature, go to www.traditional-building.com 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. 9941**.

### Advance Construction & Steeplejack Corp.

800-794-0619; Fax: 845-758-1902 22 Sunrise Dr. Red Hook, NY 12571

Steeplejack: restores & waterproofs steeples, chimneys, slate roofing, masonry, sheet-metal roofing, flagpoles, domes, smokestacks, lightning rods & radial tile chimneys; lightning protection; inspections & surveys; NY, MA & CT.

#### Allen Architectural Metals, Inc.

800-204-3858; Fax: 256-761-1967 www.allenmetals.com Talladega, AL 35161

Manufacturer of ornamental metal: street amenities, signage, lighting, columns, building components, doors, cupolas, finials, cresting, architectural elements, canopies, bollards, railings & grilles; variety of alloys & finishes.

Write in No. 1005

#### **American Slate Company**

800-553-5611; Fax: 925-977-4885 www.americanslate.com Walnut Creek, CA 94596

Supplier of slate roofing tile: 16- & 24- in. sizes; colors ranging from grays & greens to black, purple & multi-colors: other sizes & graduated roofing on request; for textured appearance, thickness up to 1 1/4 in. in some colors.

Write in No. 2723



American Slate supplies standard and rough-textured slate roofing in a variety of sizes for commercial and residential applications.

### Annapolis Weathervanes and Cupolas

888-899-8493; Fax: 410-757-5637 www.weathervaneandcupola.com Annapolis, MD 21401

Manufacturer & distributor of weathervanes, finials, banners, roof caps & cupolas: stock & custom designs; cupolas in vinyl, cedar, mahogany & pine.

Write in No. 657



Five onion-style golden domes were custom manufactured and installed by Architectural Fiberglass on the Holy Trinity Church in Parma, OH; one measures 18x32 ft. and the other four are 15x26 ft.

#### Architectural Fiberglass Corp.

800-439-2000; Fax: 631-842-4790 www.afcornice.com Copiague, NY 11726

Fabricator of reproduction ornament: cornice molding, columns, capitals, balustrades & themed interior environments; lightweight FRP; molded-in colors & textures; class-1 fire-retardant material; weather resistant; easy to install. Write in No. 6400

#### **B&B Sheetmetal**

718-433-2501; Fax: 718-433-2709 www.bbsheetmetal.com Long Island City, NY 11101

Manufacturer of copper cornices, dormers, flashing, cupolas, gutters, downspouts, louvers, conductor heads & radius/tapered roof panels: water-jet custom cutting; 'How to Solder' DVD.

Write in No. 1679



This hip-vented skylight from B&B Sheetmetal is available with a screen.

#### Bamboo & Rattan Works, Inc.

800-422-6266; Fax: 732-905-8386 www.bambooandrattan.com Lakewood, NJ 08701

Manufacturer of bamboo products: thatch, fencing, gates & traditional Japanese water features; water spouts & deer chasers; half-round bamboo for water troughs; mats & boards for wall-coverings; thatch, slats, bark, cloth & more.

Write in No. 5830

#### **Baschnagel Brothers**

718-767-1919; Fax: 718-767-5141 www.baschnagel.com Whitestone, NY 11357

Manufacturer & installer of metal roofing: fabrication & installation of all types of ornamental copper gutters, leaders & more; works with New York Landmarks Conservancy.

Write in No. 1012

#### **Bear Creek Lumber**

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

Supplier of tongue-&-groove paneling, shingles, shakes, flooring & decking: red cedar, Port Orford cedar, cypress, pine, fir, hemlock, spruce, jatoba & more; kiln dried; clear & select grades.

Write in No. 521

#### **Boston Valley Terra Cotta**

716-649-7490; Fax: 716-649-7688 www.bostonvalley.com Orchard Park, NY 14127

Custom fabricator of architectural terracotta products: roof tile & Terraclad (rain-screen system); columns/capitals, cornices, balustrades, garden sculpture & chimneys; standard & custom shapes & colors; replacements & new designs.

Write in No. 160



Boston Valley Terra Cotta produces terra-cotta roof tile for new construction and restoration.

#### Campbellsville Industries, Inc.

800-467-8135; Fax: 270-465-6839 www.cvilleindustries.com Campbellsville, KY 42718

Manufacturer & installer of architectural metalwork: steeples, cupolas, clock towers, finials, weathervanes, dormers, cornices, crosses, columns, balustrades, picket & paneled railings; aluminum, copper, zinc & lead-coated copper.

Write in No. 2730



Campbellsville Industries installed this 55½-ft.-dia. dome on the Warren County Justice Center in Bowling Green, KY.

#### Cedar Shake & Shingle Bureau

604-820-7700; Fax: 604-820-0266 www.cedarbureau.org Sumas, WA 98295

Trade association for manufacturers, distributors & installers of Certi-label cedar shakes & shingles for roofing & siding: installation instructions; AIA seminars; fire-retardant & preservative-treated products.

Write in No. 1603



A member of the Cedar Shake & Shingle Bureau supplied the western red cedar roofing and siding for this waterfront building.

#### Classic Gutter Systems, LLC

269-665-2700; Fax: 269-665-1234 www.classicgutters.com Kalamazoo, MI 49003

Manufacturer of half-round gutters: heavy 20-oz. copper, heavy-duty aluminum &

galvalume with baked-enamel finish; hidden nut-&-bolt adjustable hanger system; cast fascia brackets & decorative components; solid brass & aluminum.

Write in No. 1280



Classic Gutter Systems offers half-round gutters in copper, aluminum and galvalume.

#### **Classic Metal Roofing Systems**

937-773-9840; No fax www.classicmetalroofingsystems.com Piqua, OH 45356

Manufacturer of metal roofing: 'Chateau Slate' embossed shingle re-creates the look of Victorian-era metal shingles; mill-finish galvanized steel, copper & Kynar-coated aluminum & steel.

#### **Classy Glass Structures**

972-221-0445; Fax: 972-219-0348 P.O. Box 794041 Dallas, TX 75379

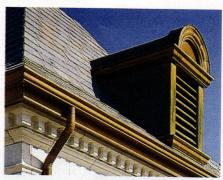
Custom manufacturer of conservatories, arboretums, greenhouses, glass gazebos, pool & hot-tub rooms, skylights, barrel vaults, glass walls & screen rooms: all sizes, shapes, colors & finishes; lifetime no-leak warranty.

Write in No. 1254

#### CopperCraft, Inc.

800-486-2723; Fax: 817-490-9661 www.coppercraft.com Keller, TX 76248

Manufacturer of sheet-metal products: spires, finials, louvers, dormers, weather-vanes, cupolas, conductor heads, cornices, cladding, chimney caps, canopies & more. **Write in No. 1490** 



CopperCraft manufactures prefabricated dormer units that don't require framing and are ready to be set in place; the large factory-soldered roof flanges receive slate, standing-seam panels or shingles.

#### Custom Home Accessories, Inc.

800-265-0041; Fax: 916-635-0228 www.mailboxes.info Rancho Cordova, CA 95742

Manufacturer of metalwork accessories: weathervanes, cupolas, finials, roof caps, mailboxes, lighted address plaques, signs & lampposts; cast aluminum, bronze, brass & copper; custom sizes.

Write in No. 527

#### DeAngelis Iron Work, Inc.

888-676-4766; Fax: 508-238-7757 www.deangelisiron.com South Easton, MA 02375

Custom fabricator & installer of ornamental metalwork: fences, gates, columns, capitals, benches & more; cast & wrought iron, bronze, brass, aluminum, stainless steel & more; roofing.

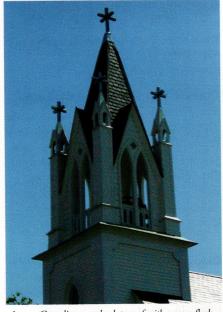
Write in No. 1023

#### **Durable Slate Co., The**

800-666-7445; Fax: 614-299-7100 www.durableslate.com Columbus. OH 43201

Contractor providing historic restoration: slate, tile & metal roofing; exterior metal ornament; restoration of masonry, monuments, doors, windows, interiors, steeples, spires & cupolas; Midwest, East & South regions; since 1986.

Write in No. 3720



A new Canadian purple-slate roof with copper flashings, custom copper gutters and downspouts was installed on the Zion Lutheran Church in New Orleans by The Durable Slate Co. after Hurricane Katrina damaged the existing asbestos roof.

#### **East Coast Roof Specialties**

860-379-9072; Fax: 860-379-2046 www.icebrakes.com Winsted, CT 06098

Manufacturer of IceBrakes cast-aluminum pad-style snowguards for metal roofs: 2 sizes; bare aluminum finish & dozens of powder-coated colors; product selection, layout assistance & installation advice; finials; made in the U.S.

Write in No. 2450

#### EJMcopper, Inc.

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

Custom fabricator of copper products: cupolas, dormers, weathervanes, finials, vents, chimney caps & more.

Write in No. 1377



This finial is the work of EJMcopper.

#### **Entegra Roof Tile**

800-586-7663; No fax www.entegra.com Stuart, FL 34994

Supplier of tile roofing: wide variety of finishes & colors.

Write in No. 1893

#### Fiberglass Specialties, Inc.

800-527-1459; Fax: 903-657-2318 www.fsiweb.com Henderson, TX 75653

Manufacturer of FRP steeples, domes & cupolas: dozens of stock sizes & components; fiberglass & custom baptismal fonts; columns & balustrades; design department assists with custom requirements.

Write in No. 7310

#### **Fischer Artworks**

505-541-1255; Fax: 505-541-8154 www.fischerartworks.com Las Cruces, NM 88007

Custom fabricator of weathervanes & finials: copper roof spires, finials, cresting & banners; lightning rods; stock designs, custom & reproduction work.



Fischer Artworks offers a selection of weathervanes.

#### Florentine Craftsmen, Inc.

800-876-3567; Fax: 718-937-9858 www.florentinecraftsmen.com Long Island City, NY 11101

Manufacturer of garden ornament & other ornamental metalwork & stone-work: freestanding & wall-mounted fountains, statuary, urns, planters, wrought-iron gazebos, furniture & more; weathervanes; cast stone, cast aluminum & lead.

Call for more information.

#### **GAF Materials Corp.**

973-628-3000; Fax: 973-628-3865 www.gaf.com

Wayne, NJ 07470

Manufacturer of Timberline fiberglassasphalt shingles with the look of wood: Slateline imitation-slate shingles; Country Mansion shingles with natural-stone or slate look; Grand Slate & Camelot shingles with the look of slate.

Write in No. 2222 for Slateline; 1535 for Country Mansion; 1534 for Grand Slate; 1636 for Camelot



GAF offers a wide variety of roofing products, including these heavyweight Camelot slate-look shingles measuring 17x.34½ in.

### Gladding, McBean - Div. of Pacific Coast Bldg.

800-776-1133; Fax: 916-645-1723 www.gladdingmcbean.com Lincoln, CA 95648

Manufacturer of sculptural ornamentation, machine-extruded terra cotta, roof tile, chimney tops, pavers, garden pottery & vitrified sewer pipes: terra-cotta balustrades, copings, cornices & more; custom-glaze development.

Write in No. 1705

#### Glass House, LLC

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

Custom fabricator of conservatories & glass-roof systems: glass domes, skylights & solariums; ornamental metal features, custom trim enhancements, copper cladding, true-divided-lite sash & doors; many glazing options.

Write in No. 1870

#### **Goodwin Associates**

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

Supplier of architectural products: cornice moldings, columns, capitals, balustrades, door & window surrounds, ceiling medallions, niches, domes, brackets, corbels, mantels & more; polyurethane, FRP & hardwood millwork.

Write in No. 806

#### **Greenstone Slate**

802-287-4333; Fax: 802-287-5720 www.greenstoneslate.com Poultney, VT 05764

Quarrier of Vermont roofing slate: wide range of sizes, colors & weights; matches slate for roof restoration, additions & new construction; graduated roofs; blending, contrasting & all effects; slate tools.

Write in No. 3770



Vermont roofing slate from Greenstone Slate was used on this historic building.

#### Heather & Little, Ltd.

800-450-0659; Fax: 905-475-9764 www.heatherandlittle.com Markham, Ontario, Canada L3R OH1

Fabricator & supplier of historical sheetmetal roofing & specialty architectural sheet metal: finials, cornices, leader heads, cresting, stamped-metal shingles, pressedmetal siding, cupolas, steeples, domes, architectural sheet-metal reproductions; Kalemein & lot-line windows.

Write in No. 2470



Heather & Little restored the cooper roofing for Toronto's city hall.

#### Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493 www.historicalarts.com West Jordan, UT 84088

Designer & custom fabricator of ornamental metalwork: doors, windows, hardware, stairs, balustrades, registers, fences, lighting, gutters, columns, weathervanes, planters & more; iron, bronze, aluminum & steel; restoration services.

Write in No. 1210

#### Kayne & Son Custom Hardware, Inc.

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

Manufacturer of forged- & cast-metal hardware: strap, H, HL, butterfly & butt hinges; thumb-latch locksets, gate hardware, shutter dogs & more; fireplace tools; bathroom accessories & kitchen equipment; restoration services.

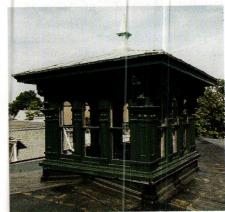
Call for more information.

#### Kenneth Lynch & Sons, Inc.

203-762-8363; Fax: 203-762-2999 www.klynchandsons.com Wilton, CT 06897

Manufacturer of ornamental metalwork & cast-stone products: planters, urns, benches, fountains, statuary, topiary, sundials & weathervanes; cast stone, cast & wrought iron, lead & bronze; stock & custom designs.

Call for more information.



This roof lantern was restored by Kronenberger & Sons.

# **Kronenberger & Sons Restoration** 860-347-4600; Fax: 860-343-0309 www.kronenbergersons.com

www.kronenbergersons.com Middletown, CT 06457

Contractor for interior & exterior restoration: all types of finishes; post-&beam construction; windows, molding & roofing; masonry & wood; museums, churches, town halls, libraries, barns, period homes & outbuildings.

Write in No. 536

#### Major Industries, Inc.

715-842-4616; Fax: 715-848-3336 www.majorskylights.com Wausau, WI 54401

Manufacturer of skylights & translucent insulated wall panels: skylights can be glazed in glass, acrylic, polycarbonate twinwall & translucent fiberglass; thermoformed acrylic domes (such as pyramids) & more.

Write in No. 25

# Natural Advantages of Certi-label™ Cedar





QUALITY AUDITED

CEDAR SHAKES & SHINGLES

For more information and test results contact:

tel: 604-820-7700 fax: 604-820-0266 www.cedarbureau.org

#### **Michigan Ornamental Metals**

201-945-4930; Fax: 201-945-4931 www.michiganornamental.com Ridgefield, NJ 07657

Custom fabricator of metal ornament: columns, capitals, rosettes, wreaths, cornices & ceilings; cupolas, domes, gutters, finials, leaders & leader boxes; stamped/pressed sheet metal; replications & historic reproductions.

Write in No. 9520

#### Mueller Ornamental Iron Works, Inc.

847-758-9941; Fax: 847-758-9945 www.ornamentaliron.net Elk Grove Village, IL 60007

Designer & fabricator of ornamental metalwork: doors, fences, gates, cresting & stairs; cast iron, forged steel, stainless steel, aluminum & bronze; restoration services; custom work.

Write in No. 229



Cupolas from New Concept Louvers are made of easy-to-maintain PVC-coated aluminum or copper.

#### **New Concept Louvers**

800-635-6448; Fax: 801-489-0606 www.newconceptlouvers.com Springville, UT 84663

Manufacturer of finials, spires & turret caps in copper: full-size weathervanes in stock; stock & custom cupolas in aluminum; 450 colors; maintenance free.

Write in No. 1264

#### Nicholson & Galloway

516-671-3900; Fax: 516-759-3569 www.nicholsonandgalloway.com Glen Head, NY 11545

Full-service exterior & historic facade restoration contractor: flat, slate, tile & metal roofing; brick, stone, concrete restoration; cupolas & domes of all metals; chimney restoration.

Write in No. 3067



Nicholson & Galloway restored the roof of this historic building, providing the carpentry, coppersmithing, slate, waterproofing and masonry restoration.

#### NIKO Contracting Co., Inc.

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

Custom fabricator & contractor of sheet metal & roofing: slate, tile & other roofing; storefronts, cornices, cupolas, domes, steeples, snowguards & leader heads; copper, lead-coated copper, zinc & stainless steel; metal ceilings.

Write in No. 8300



The dome on the clock tower of the Hancock County Courthouse in Findlay, OH, was sheathed in new copper by NIKO; the firm also replaced the slate roof as part of the restoration.

#### No 9 Studio UK

011-44-1769-5404-71; Fax: 011-44-1769-5408-64 www.no9uk.com Umberleigh, Devon, UK EX379HF

Manufacturer of terra-cotta architectural elements: chimneys, sculptural fountains & garden furnishings/ornament; ceramic tile & clay tile roofing; cupolas, finials & vents; special brick & features; mural painting; restoration.

Write in No. 1672

#### **Ornametals, LLC**

256-350-7410; Fax: 256-309-5921 www.ornametals.com Decatur, AL 35601

Fabricator & distributor of metal roofing & roof ornament: finials, cupolas, crosses, weathervanes, gutters, leader boxes & more; exterior balustrades & cornices; copper & zinc.

Write in No. 5025



Ornametals restored the three copper towers on this building.

#### **Park City Rain Gutter**

435-649-2805; Fax: 435-649-2605 www.pcraingutter.com Park City, UT 84068

U.S. distributor of Minoletti half-round gutter products: gutter & downspout brackets, spherical end caps, miter corners, smooth downspout elbows, yokestyle outlets, leader heads, grille vents & rain chains; copper & zinc.

Write in No. 957



The Outlet 50 leader box is supplied by Park City

#### Petersen Aluminum Corp.

800-323-1960; Fax: 847-956-7968 www.pac-clad.com Elk Grove Village, IL 60007

Manufacturer of architectural metal roofing panels & trim: Pac-Clad Kynar 500 sheet-metal coating in 25 colors on steel

Write in No. 3890

#### **Reclaimed Roofs, Inc.**

& 15 colors on aluminum.

302-369-9187; Fax: 302-397-2742 www.reclaimedroofs.com Hockessin, DE 19707

Supplier of reclaimed roofing slate & tile: matches slate & tile for repairs & additions.

Write in No. 1803



Reclaimed Vermont gray, green and purple slate was supplied by Reclaimed Roofs for this roof in Gladwyne, PA.

#### **Reflection Studios**

510-652-4884; Fax: 510-658-6138 www.reflectionstudios.com Emeryville, CA 94608

Designer, fabricator & installer of fine-art glass: commercial, ecclesiastical & residential; conservation & restoration of historic stained glass; design, construction & renovation of stained-glass domes & ceilings. Write in No. 7930

#### Reliance Specialty Building Products

800-697-4705; Fax: 509-466-8833 www.reliancesbp.com Spokane, WA 99218

Supplier of kiln-dried & green timbers, flooring, decking, siding, bridge timber, poles, millwork & moldings: Douglas fir, cedar, larch, hemlock, white fir, Oregon oak, pine, aspen & birch; steeples.

Write in No. 1403

#### **Renaissance Conservatories**

800-882-4657; Fax: 717-661-7727 www.renaissanceconservatories.com Leola, PA 17540

Designer, manufacturer & installer of traditional old-world conservatories, greenhouses, garden follies, pool enclosures, area skylights, roof lanterns, domes & garden windows: handcrafted mahogany components; custom designs.

Write in No. 378

#### Robinson Iron Corp.

800-824-2157; Fax: 256-329-8960 www.robinsoniron.com Alexander City, AL 35011

Designer & installer of custom metalwork: fountains, columns, fences, railings, sculpture, benches, grilles, cupolas, cresting, street lighting & more; wrought iron/steel, aluminum, bronze & cast iron; historical restoration.

Write in No. 3240

#### **Tanglewood Conservatories**

410-479-4700; Fax: 410-479-4797 www.tanglewoodconservatories.com Denton, MD 21629

Manufacturer of handcrafted conservatories, greenhouses, gazebos, roof

lanterns, cupolas & pool enclosures: Honduras mahogany; custom designs; fully engineered with stamped shop drawings; storefronts.

Write in No. 8270

#### **Torrance Steel Window Co.**

310-328-9181; Fax: 310-328-7485 www.torrancesteelwindow.com Torrance, CA 90501

Custom fabricator of steel casement windows, doors, storefronts & skylights: light-, standard- & heavy-intermediate grades; stock & custom sizes.

Write in No. 8330

#### Vande Hey Raleigh Mfg.

800-236-8453; Fax: 920-766-0776 www.vrmtile.com Little Chute, WI 54140

Manufacturer of architectural concrete roofing tile: 9 styles, 20 standard colors & unlimited color combinations; trim flashing, snowguards, copper gutters, cupolas & weathervanes; restoration & new construction.

Write in No. 2840



French-clay Spanish roof tile from Vande Hey Raleigh was installed on this building.

#### Vintage Woodworks

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

Manufacturer & supplier of Victorian millwork: wood porch parts, turned posts, turned & sawn balusters, railings, brackets, corbels, custom-length spandrels, screen/storm doors, mantels, wood shingles & more; 144-p. catalog.

Write in No. 1061

#### Vulcan Supply Corp.

802-893-0512; Fax: 802-893-0534 www.vulcansupply.com Westford, VT 05494

Supplier of replicated architectural sheetmetal ornamentation: custom & stock finials, weathervanes, cornices, vented ridge cresting, leader boxes, cupolas, roof vents & more; all periods & styles.

Write in No. 1849

#### W.F. Norman Corp.

800-641-4038; Fax: 417-667-2708 www.wfnorman.com Nevada, MO 64772

Manufacturer of sheet-metal ornament: hundreds of stock designs; cornices, moldings, brackets, pressed-metal ceilings, roofing, siding, finials & more; zinc, copper & lead-coated copper; duplication from samples or drawings.

Write in No. 520

#### Watertrol, Inc.

908-389-1690; Fax: 908-389-9480 www.watertrolinc.com Scotch Plains, NJ 07076

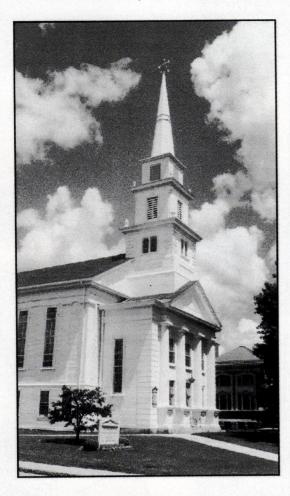
Restorer of exterior masonry & terra cotta: reconstruction, structural stabilization, specialty roofing, exterior building cleaning & specialty anchoring.

Write in No. 218



### PROJECT PROFILE

CONGREGATIONAL CHURCH WESTBOROUGH, MASSACHUSETTS



Built in 1834, the historic Congregational Church in Westborough was thoroughly renovated in the early 1990's. Fiberglass Specialties was chosen to fabricate the spire, top cupola, and eight urns. The shingle effect on the spire and the simulated wood siding of the cupola are in fact molded into the fiberglass laminate. And since the white color is an integral part of the laminate, eliminating the need for scraping and repainting, the church will save on maintenance costs in the future.



"Manufacturers of Quality Architectural Fiberglass Products"

POST OFFICE BOX 1340 • HENDERSON, TEXAS 75653 FAX: 903-657-2318 1-800-527-1459

**WRITE IN NO. 7310** 



WRITE IN NO. 9520







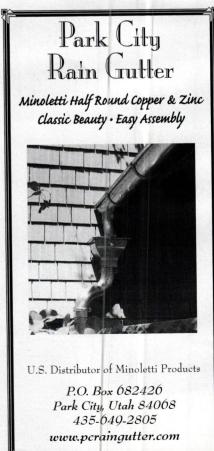


261 Glen Head Road Glen Head, NY 11545 (516) 671-3900 (212) 685-6677 FAX (516) 759-3569 www.nicholsonandgalloway.com tomc@nicholsonandgalloway.com

> Roofing, Masonry, **Sheet Metal Restoration, Exterior Maintenance**

WRITE IN NO. 3067

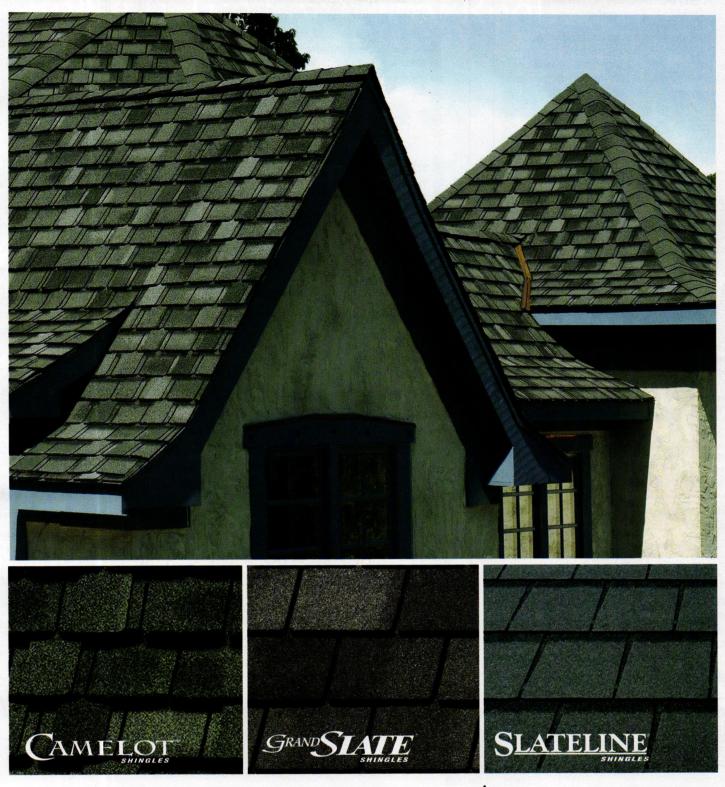




WRITE IN NO. 957

160 CLEM LABINE'S TRADITIONAL BUILDING

# Sigte Look



## Your Best Choice!

Searching for the right look for your traditional building can be a frustrating experience. That's why GAF offers a wide selection of premium designer shingles that emulate the look of real slate. All of these premium shingles feature the performance and safety advantages of fiberglass asphalt construction, including a Class A fire rating, 110 mph wind warranty, and 10-year Smart Choice® Protection.\* For a price that other roofing materials — especially slate — can't begin to match. Surprised? What else would you expect from North America's largest roofing manufacturer!

"No one protects more North American roofs than GAF...
Why trust your property to anyone else?"

\*Non-prorated material and installation labor coverage (see ltd. warranty for complete coverage and restrictions).

©2005 GAF Materials Corporation

WRITE IN NO. 1636 FOR CAMELOT, NO. 9270 FOR COUNTRY ESTATES, NO. 1535 FOR COUNTRY MANSION, NO. 1534 FOR GRAND SLATE & NO. 2222 FOR SLATELINE

**GAF MATERIALS** 

CORPORATION

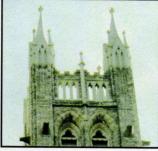
## Heather & Little



A tradition of fine historic roof restoration and ornamental sheet metal since 1925.



One of North America's most accomplished historic roof restoration and reproduction specialists with 72 years experience.



Modern or traditional fabrication methods are employed in a broad range of sheet metals from copper, zinc and galvanized to sheet lead work



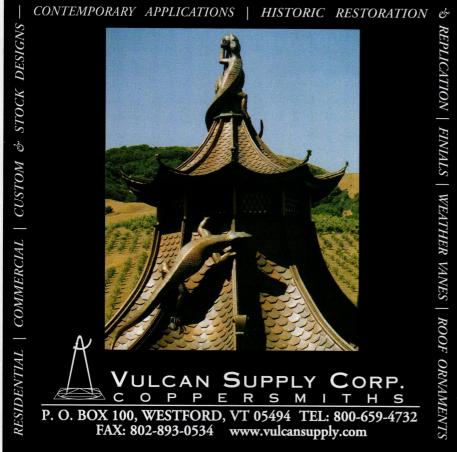
Custom designs and fine reproductions in ornamental sheet metal for the demanding conservator and modern designer alike. New designs can often be shipped faster than ordering parts from others, with deliveries averaging eight weeks.

#### HEATHER & LITTLE

LIMITED

1 800 450-0659 www.heatherandlittle.com

WRITE IN NO. 2470



**WRITE IN NO. 7212** 



WRITE IN NO. 370

#### **CUPOLAS**

Vinyl, Cedar, Mahogany & Pine Louvered and windowed.

- Stock & Custom Designs
- Trusted Service Since 1976
- **Builders & Architects**
- 2-6 Weeks Delivery
- Weathervanes, Finials. Banners & Roof Caps

#### **Annapolis** Weathervanes & Cupolas

107 Summers Run Annapolis, MD 21409

888-899-8493

www.WeathervaneCupola.com

WRITE IN NO. 657

Your Unlimited Resource For Slate & Tile



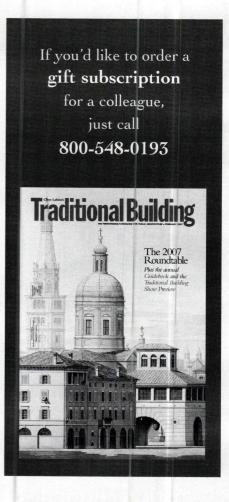
We sell and buy: - Roofing Slate - Roofing Tile - Any "Hard to Find Roofing Products

7454 Lancaster Pike #328 Hockessin, DE 19707 PH: (302) 369-9187 FX: (302) 397-2742 Mobile: (302) 388-1155 Doug@ReclaimedRoofs.com www.ReclaimedRoofs.com

**WRITE IN NO. 1803** 



WRITE IN NO. 1280



When contacting companies you've seen in the issue, please tell them you saw their listing in Traditional Building.

We are a total waterproofing and building restoration company specializing in roofing of all types:

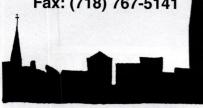
- Religious Institutions
- Landmarks
- Residential
- Commercial

Slate - Tile → Metal - Rubber Hot - Modified Roofing Gutters & Leaders → Painting Pointing → Siding → Sheet Metal → Skylights → Windows Waterproofing

Third Generation
License No. H.I.C. 673645

Serving All 5 Boros Nassau - Suffolk -Westchester

(718) 767-1919 (516) 794-7974 Fax: (718) 767-5141



#### BASCHNAGEL BROS. INC.

150-25 14TH AVE., WHITESTONE, NY 11357-1817

WRITE IN NO. 1012

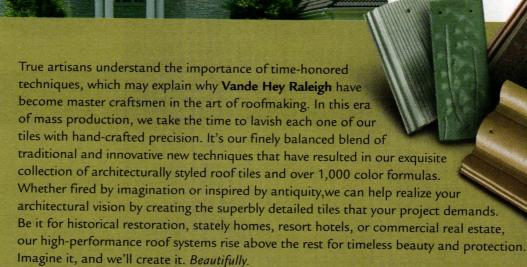
## ridge vents for slate roofs

**Castle Metal Products** 

tel: 847-806-4540 fax: 847-806-4541

WRITE IN NO. 2901





1 800 236 8453

WWW.VRMTILE.COM

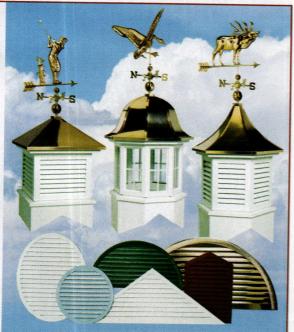
WRITE IN NO. 2840

#### Maintenance-Free Aluminum Cupolas & Louvers!

Stock & custom cupolas from New Concept Louvers are wrapped with PVC coated aluminum and copper. Made from the same materials as our custom louvers, they never require painting like wood products. They arrive in three easy to install pieces pre-cut to fit any roof pitch, and can be ordered in stock sizes or to custom specifications. Over 400 colors are available, as well as many different weather vanes and accessories.

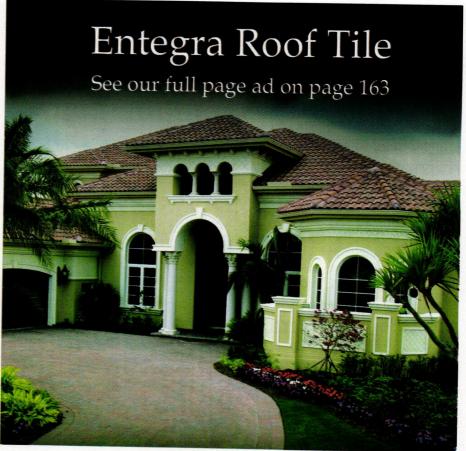
www.NewConceptLouvers.com Tel. 1.800.635-6448



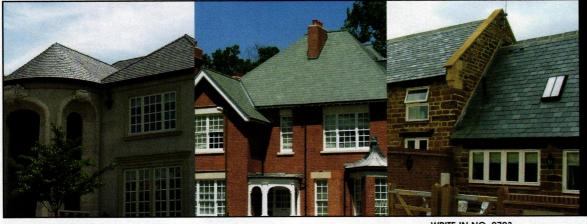


WRITE IN NO. 1264

The fastest way to get Product Literature!



WRITE IN NO. 1893



#### The Experts in Slate®

**American Slate Company** 

1-800-553-5611 www.americanslate.com

WRITE IN NO. 2723

#### MAKING HISTORY.....TODAY!



World's largest fabricator of cupolas, steeples, clocks . DOMES

and domes.

Custom

fabrication, delivery, and

installation. A

wide variety of metals and stock

designs are

available. We specialize in

historical reproductions.

- CUPOLAS
- STEEPLES
- CLOCKS
- FINIALS
- WEATHER-**VANES**
- BALUSTRADE
- CORNICES
- COLUMNS
- URNS
- LOUVERS
- CARILLONS
- RAILINGS
- DORMERS
- TOWERS
- CANOPIES
- BAPTISTRIES



e-mail: steeple@cvilleindustries.com Fax: 270-465-6839



AMPBELLSVILLE "The Steeple People" The NDUSTRIES, INC.

....PLUS!

440 TAYLOR BLVD. PO BOX 278 CAMPBELLSVILLE, KY. 42719

**WRITE IN NO. 2730** 

#### Quality Craftsmanship Nationwide Since 1974

ROOFING Slate • Tile • Metal **ARCHITECTURAL** SHEET METAL WORK and ORNAMENTATION **CUSTOM FABRICATION** 

**HISTORIC** RESTORATION PRESSED METAL **CEILINGS** 



For information on custom fabrication and/or installation contact: Phone (412) 687-1517 3434 Parkview Ave., Pittsburgh, PA 15213

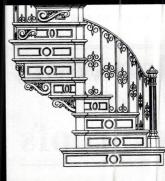
#### WRITE IN NO. 861 FOR CEILINGS & NO. 8300 FOR ROOFING & SHEETMETAL

## Surfithe Industry









Online data & links for over 673 suppliers of products & services for restoration, renovation and historically inspired new construction for civic & commercial projects.

#### The elegance of Vermont slate. Guaranteed to last a hundred years.\*









Unparalleled natural beauty and a 100 year warranty\*. This winning combination is why Vermont slate makes so much sense. Our 58 quarries produce exceptionally fine quality slate—worked only by Greenstone trained craftsmen, in production facilities that

are constantly updated and expanded. This has lead Greenstone Slate to become a principal producer of colored slate roofing. Our consistently high quality product, excellence in service and installation support, and competitive, direct pricing—result

in the highest value possible in a slate roof. Learn more at **greenstoneslate.com** or

call us toll free for expert advice and assistance: **866.357.3212**,

#### Reference TB01

Call us for a FREE interactive CD—about slate and The Greenstone Slate Co.



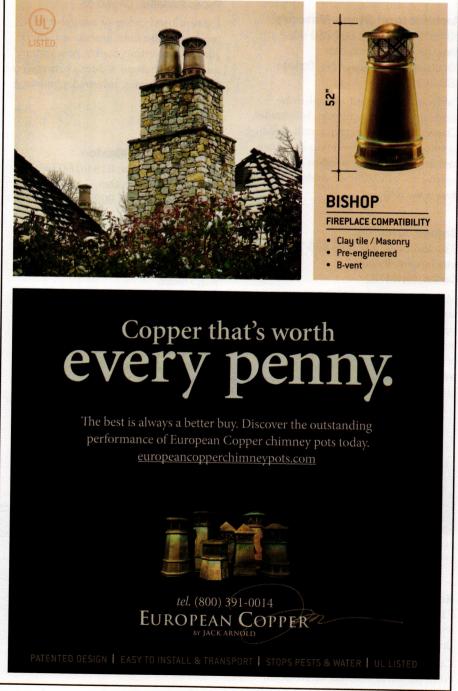
\*Ask us for a Greenstone Slate

Greenstone Slate Company, Inc., P.O. Box 134, Poultney, VT 05764 • Toll Free 866.357.3212 • 802.287.4333 • Fax 802.287.5720 • info@greenstoneslate.com

WRITE IN NO. 3770



WRITE IN NO. 1015



## **Custom Stone, Brick & Masonry**

To order product literature, go to www.traditional-building.com 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. 9943.

#### **A&M Victorian Decorations, Inc.**

800-671-0693; Fax: 626-575-1781 www.aandmvictorian.com South El Monte, CA 91733

Manufacturer of architectural elements: molding, columns, balustrades, wall caps, coping, fountains, planters, gazebos & more than 70 styles of mantels; gypsum & cast stone; custom designs.

Call for more information.

#### **Architectural Fiberglass Corp.**

800-439-2000; Fax: 631-842-4790 www.afcornice.com Copiague, NY 11726

Fabricator of reproduction ornament: cornice molding, columns, capitals, balustrades & themed interior environments; lightweight FRP; molded-in colors & textures; class-1 fire-retardant material; weather resistant; easy to install. Write in No. 6400

#### **Architectural Reproductions, Inc.**

888-440-8007; Fax: 503-281-6926 www.archrepro.com Portland, OR 97227

Custom fabricator of cast-stone facade & cornice elements: columns, capitals & balustrades; uses both traditional cementbased casting methods & lightweight GFRC techniques; terra cotta substitutes. Write in No. 6130

#### **Architectural Stone Masonry**

604-852-9662; Fax: 604-850-9062 www.stonemasonsarch.com Abbotsford, British Columbia, Canada V3G 3C1

Fabricator of custom natural-stone products: mantels, stairways, balustrades, Classical columns, exterior wall cladding in smooth & split-face textures, crown moldings & profiled window & door treatments; limestone & sandstone. Write in No. 1656

#### Belden Brick Co.

330-456-0031; Fax: 330-456-2694 www.beldenbrick.com Canton, OH 44702

Manufacturer of brick: variety of colors, textures, sizes, stock & custom shapes; color matching; jack arches, water tables, bullnoses, coping caps, pavers, face brick, brick sculpture & more.

Write in No. 1891



Belden Brick offers face brick in multiple shapes and many different sizes.

#### **Boston Valley Terra Cotta**

716-649-7490; Fax: 716-649-7688 www.bostonvalley.com Orchard Park, NY 14127

Custom fabricator of architectural terracotta products: roof tile & Terraclad (rain-screen system); columns/capitals,

cornices, balustrades, garden sculpture & chimneys; standard & custom shapes & colors; replacements & new designs. Write in No. 160



The façade of the New Catholic Center in Buffalo, NY, is adorned with a pulse-a-chrome glazed terra cotta from Boston Valley.

#### **Canning Studios**

203-272-9868; Fax: 203-272-9879 www.canning-studios.com Cheshire, CT 06410

Restorer & designer of decorative finishes, ornamental plaster & wood: historicpaint analysis; plaster consolidation & stabilization; decorative painting, murals, interior & exterior gilding & wood graining; metal & stone cleaning.

Write in No. 5100

#### **Cantera Especial**

800-564-8608; Fax: 818-907-0343 www.cantera-especial.com Pacific Palisades, CA 90272

Custom hand carver of natural-stone products made from limestone, cantera, adoquin, travertine, marble & sandstone quarried in Europe & Mexico: fireplaces, fountains, columns, balustrades, molding & sculpture.

Write in No. 31

#### **Canterland of Mexico**

800-564-8608; Fax: 818-907-0343 www.canterlandmex.com Pacific Palisades, CA 90272

Factory-direct manufacturer of Yucatan limestone products: fountains, mantels, balustrades, stairs, columns, countertops & more; in Coquina, Ticul & Crema Mava stone

Write in No. 1825

#### Champlain Stone, Ltd.

518-623-2902; Fax: 518-623-3088 www.champlainstone.com Warrensburg, NY 12885

Manufacturer of building & landscaping stone & stone flooring: guillotined & hand-split granite, quartzitic sandstone & limestone; for fireplaces, building veneer, wall stone, flagging, paving, step slabs & retaining walls.

Write in No. 4270



Champlain Stone supplies Southbay quartzite in a variety of shapes and sizes.

#### Classic Terra Cotta Co.

888-837-7286; Fax: 866-304-4082 www.terracottapavers.com Pacific Palisades, CA 90272

Manufacturer of architectural terra cotta: hand-pressed, high-fired historic terracotta pavers, made of finest earthen clay combinations; stair treads; wall caps.

Write in No. 769

#### **Durable Slate Co., The**

800-666-7445; Fax: 614-299-7100 www.durableslate.com Columbus, OH 43201

Contractor providing historic restoration: slate, tile & metal roofing; exterior metal ornament; restoration of masonry, monuments, doors, windows, interiors, steeples, spires & cupolas; Midwest, East & South regions; since 1986.

Write in No. 3720

#### Fiberglass Specialties, Inc.

800-527-1459; Fax: 903-657-2318 www.fsiweb.com Henderson, TX 75653

Manufacturer of FRP steeples, domes & cupolas: dozens of stock sizes & components; fiberglass & custom baptismal fonts; columns & balustrades; design department assists with custom requirements.

Write in No. 7310

#### Florentine Craftsmen, Inc.

800-876-3567; Fax: 718-937-9858 www.florentinecraftsmen.com Long Island City, NY 11101

Manufacturer of garden ornament & other ornamental metalwork & stonework: freestanding & wall-mounted fountains, statuary, urns, planters, wrought-iron gazebos, furniture & more; weathervanes; cast stone, cast aluminum & lead.

Call for more information.

#### Gladding, McBean - Div. of **Pacific Coast Bldg.**

800-776-1133; Fax: 916-645-1723 www.gladdingmcbean.com Lincoln, CA 95648

Manufacturer of sculptural ornamentation, machine-extruded terra cotta, roof tile, chimney tops, pavers, garden pottery & vitrified sewer pipes: terra-cotta balustrades, copings, cornices & more; custom-glaze development.

Write in No. 6010



The terra-cotta façade for Two Rodeo Drive in Los Angeles was the work of Gladding, McBean.

#### Haddonstone (USA), Ltd.

856-931-7011; Fax: 856-931-0040 www.haddonstone.com Bellmawr, NJ 08031

Manufacturer of Classical stonework: columns, balustrades, benches, planters, urns, pavers, fountains, gazebos, mantels, statuary & more; cast, reconstructed limestone resembling Portland stone; more than 500 designs.

Write in No. 4020

#### Kenneth Lynch & Sons, Inc.

203-762-8363; Fax: 203-762-2999 www.klynchandsons.com Wilton, CT 06897

Manufacturer of ornamental metalwork & cast-stone products: planters, urns, benches, fountains, statuary, topiary, sundials & weathervanes; cast stone, cast & wrought iron, lead & bronze; stock & custom designs.

Call for more information.

#### **Kronenberger & Sons Restoration**

860-347-4600; Fax: 860-343-0309 www.kronenbergersons.com Middletown, CT 06457

Contractor for interior & exterior restoration: all types of finishes; post-&beam construction; windows, molding & roofing; masonry & wood; museums, churches, town halls, libraries, barns, period homes & outbuildings.

Write in No. 536

#### Limestone Concept, Inc.

310-278-9829; Fax: 310-278-9651 www.limestoneconcept.com Gardena, CA 90249

Custom fabricator & distributor of limestone items: fireplaces, fountains, columns, capitals, balustrades, mantels, benches, ornament, garden statuary, sculpture, planters & urns; French limestone slabs & tile; antique terra cotta. Write in No. 5390

Nicholson & Galloway

516-671-3900; Fax: 516-759-3569 www.nicholsonandgalloway.com Glen Head, NY 11545

Full-service exterior & historic facade restoration contractor: flat, slate, tile & metal roofing; brick, stone, concrete restoration; cupolas & domes of all metals; chimney restoration.

Write in No. 3067

#### No 9 Studio UK

011-44-1769-5404-71; Fax: 011-44-1769-5408-64 www.no9uk.com Umberleigh, Devon, UK EX379HF

Manufacturer of terra-cotta architectural elements: chimneys, sculptural fountains & garden furnishings/ornament; ceramic tile & clay tile roofing; cupolas, finials & vents; special brick & features; mural painting; restoration.

Write in No. 1672

#### Old Carolina Brick Co.

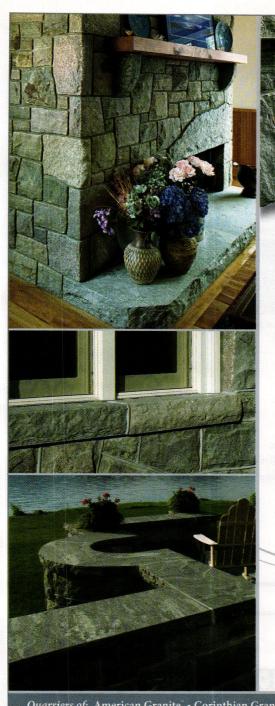
704-636-8850; Fax: 704-636-0000 www.handmadebrick.com Salisbury, NC 28147

Manufacturer of handmade brick, pavers, arches & special shapes: custom & stock designs; restoration consulting & matches.

Write in No. 3130



Handmade brick from Old Carolina Brick is manufactured in tones such as George-towne #800 and Savannah Grey #420.



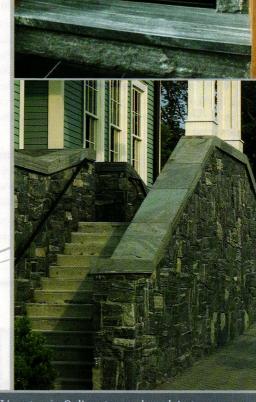


## Custom

#### HEARTHS · MANTELS · CAPS · SILLS · FEATURE PIECES

For a quarter century, Champlain Stone, Ltd. has endeavored to meet and exceed the expectations of architects, designers and general contractors alike. Looking forward, we have embraced new technologies that enable us to manufacture our rubble stone products to custom size and finish specifications. Our broad range of services and flexible response to creative requests translate into personal and unique stone expressions with timeless appeal.

For more information on our expanded capabilities and how they may relate to your next project, contact our **Project Development Group** at (518) 623-2902, or visit us online at www.champlainstone.com.





#### Champlain Stone, Ltd.

P.O. Box 650 • Warrensburg, NY 12885 • 518/623-2902 • 518/623-3088 fax

Quarriers of: American Granite • Corinthian Granite • Summit Granite • Van Tassell Granite • South Bay Quartzite • Great Meadow Limestone • Online at www.champlainstone.com

WRITE IN NO. 4270

#### www.uniquemantel.com

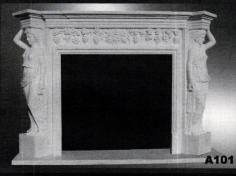
Email: info@uniquemantel.com Tel: (909)464-1818 Fax: (909)464-1787 2300 S. Reservoir St. #401 pomona CA, 91766



southern group enterprise, inc
Unique Mantel Co.

Unique Mantel offers a wide variety of hand carved, marble fireplace mantels and other marble furnitures; all with factory direct prices.

Choose your favorite design, size and color or customize your own ideal piece with us.



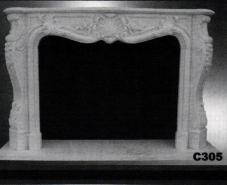




























WRITE IN NO. 963

#### Rossato Giovanni, srl/ Vicenza **Stone Sculpture**

011-39-0444-928499; Fax: 011-39-0444-928711 www.vicenzastone.com 36100 Vicenza, Italy MVI 002134

Fabricator of handmade sculpture: Classical statues, fountains, columns, benches, vases, planters, putti, urns, wells, statuary & more; made of Vicenza stone to last for centuries.

Write in No. 6110

#### Rossi USA Corp.

708-386-0183; Fax: 708-386-0186 www.rossilimestone.com Forest Park, IL 60130

Quarrier & fabricator of French limestone: dimensional cut, tile, pavers, slabs, cleft stones, castle stones, vanities, fireplaces, fountains, retaining walls & sculpture; inventory & showroom in U.S. Write in No. 392



French limestone is quarried and fabricated by

#### **Southern Group Enterprise -Unique Mantel Co.**

888-458-3716; Fax: 909-464-1787 www.uniquemantel.com Pomona, CA 91766

Manufacturer & distributor of architectural fireplace mantels, statues & benches in natural marble: hand carved; distributors pay factory prices.

Write in No. 963

#### **Stonesculpt**

650-575-9683; Fax: 650-322-5002 www.customstonecarving.com Palo Alto, CA 94303

Custom fabricator of hand carvings in natural stone: mantels, sculpture, fountains, monuments, flooring, balustrades, columns, capitals, signage & landscape & other architectural ornament; traditional & contemporary styles.

Write in No. 371

#### **Traditional Cut Stone, Ltd.**

416-652-8434; Fax: 905-673-8434 www.traditionalcutstone.com Mississauga, Ontario, Canada L5S 151 European master carver: architectural

ornamentation & monumental statuary;

carved-stone mantels; restoration; historical reproduction in limestone, sandstone & marble; stone design with clay & plaster models; hand-drawn renderings.

Write in No. 2902



Traditional Cut Stone used British red sandstone for a restoration project at Toronto's Old City Hall.

#### Watertrol, Inc.

908-389-1690; Fax: 908-389-9480 www.watertrolinc.com Scotch Plains, NJ 07076

Restorer of exterior masonry & terra cotta: reconstruction, structural stabilization, specialty roofing, exterior building cleaning & specialty anchoring. Write in No. 218

As part of a complete restoration, Watertrol refurbished

the masonry and re-pointed the brick at the Voorhees Chapel in New Brunswick, NJ.

## French Limestone

Rossi S.A.

Paris, France (Stock in U.S.A.) Rossi U.S.A. Corp.

Tel: 708-386-0183 Fax: 708-386-0186

Email: rossiusa@worldnet.att.net

## Quarriers · Fabricators

WRITE IN NO. 392

#### www.traditional-building.com

Internet Gateway to Historical Products

The central website for historical 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 255 product categories
- ■727 companies listed and indexed in the Product Database
- 276 online product brochures
- Links to 673 companies and related organizations
- In-depth Product Report of the Month
- E-mail order form for Product Literature

Log onto and then bookmark:

www.traditional-building.com

#### **GENUINE HANDMADE BRICK**



- Complete line of hand made brick
- Restoration matches
- Full line special shapes
- Pavers, any size or style
- We can solve your brick problems

#### Old Carolina Brick Company

• ceramic crafters •



475 MAJOLICA RD. **SALISBURY, NC 28147** 704-636-8850

www.handmadebrick.com

**WRITE IN NO. 3130** 

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
- ☐ 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

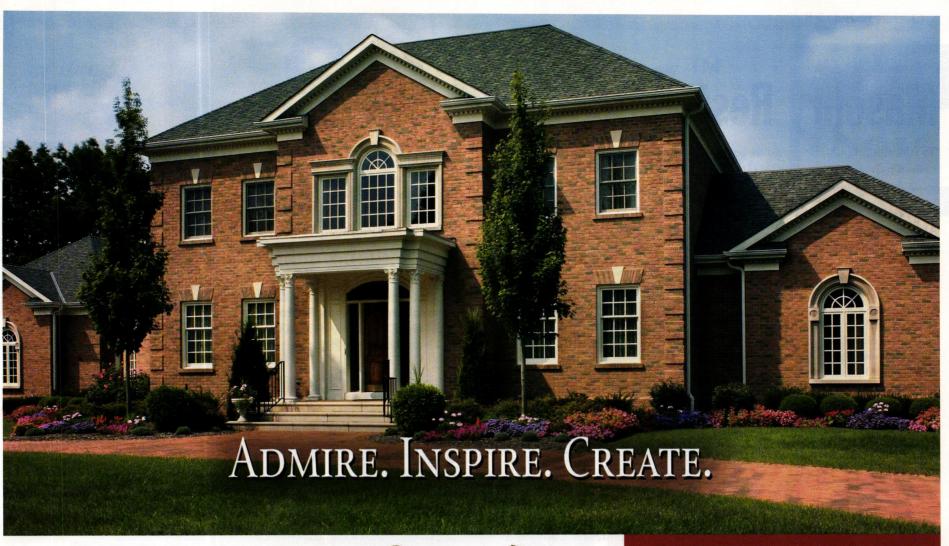
THE INSTITUTE OF CLASSICAL ARCHITECTURE & CLASSICAL AMERICA

> 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

The fastest way to get Product Literature!





BELDEN SUPPLIES THE PRODUCTS THAT MAKE YOUR IDEAS COME ALIVE.

An ISO 9001:2000 REGISTERED QUALITY MANAGEMENT SYSTEM WWW.BELDENBRICK.COM

BELDEN THE BELDEN BRICK COMPAN

CANTON, OHIO (330)456-0031

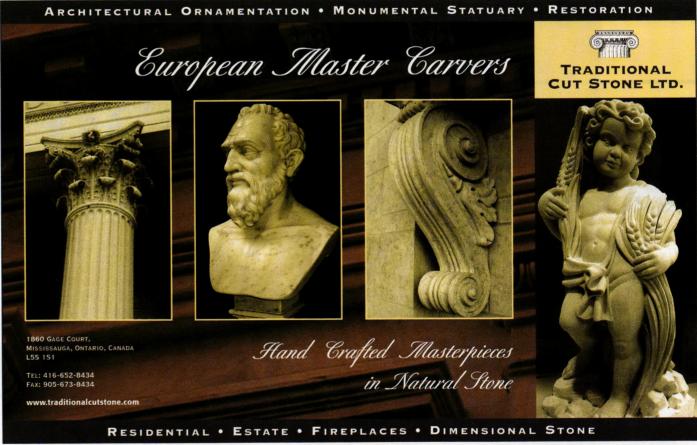
WRITE IN NO. 222

architects
contractors
building owners
facilities managers
interior designers
developers
landscape architects
building managers
preservation planners
restoration consultants



what you need to know

www. traditional-building .com

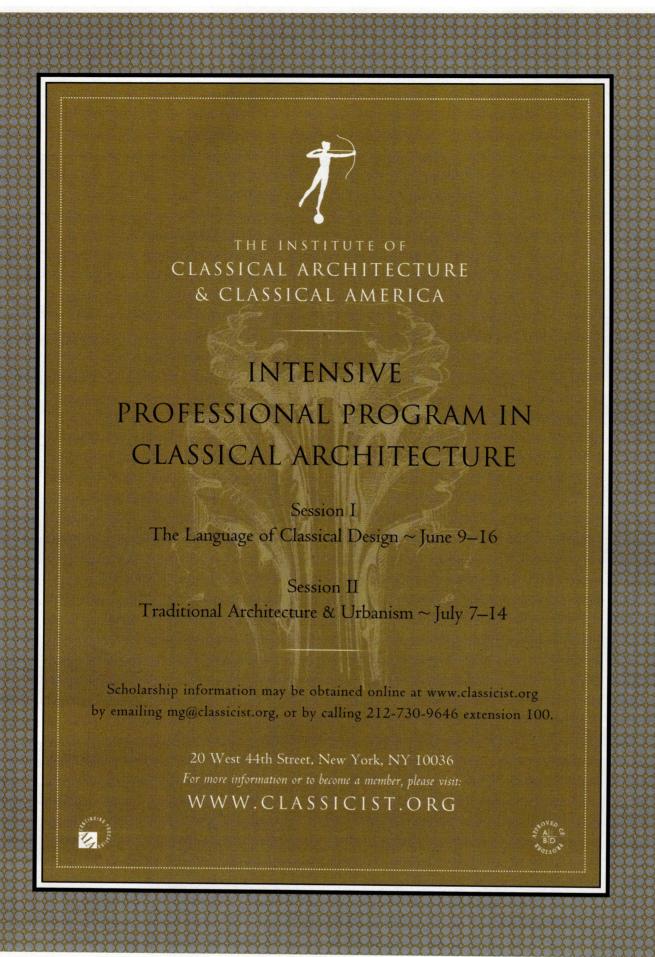


WRITE IN NO. 2902



-Surf the Industry

Online data & links for more than 673 suppliers of products & services for restoration, renovation & historically inspired new construction for civic & commercial projects.



WRITE IN NO. 1340

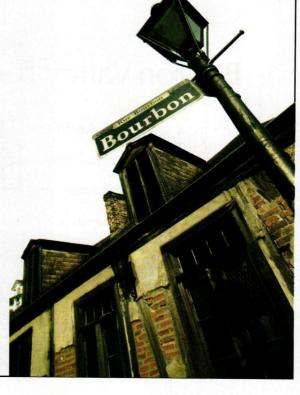
#### Traditional Building Exhibition and Conference



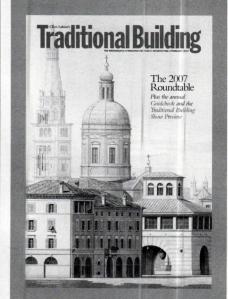
Mark Your Calendar! October 17-20, 2007 Ernest N. Morial Convention Center

New Orleans, LA

www.traditionalbuildingshow.com



If you'd like to order a **gift subscription**for a colleague,
just call
800-548-0193



When contacting companies you've seen in the issue, please tell them you saw their listing in Traditional Building.

# NEW! PRODUCT LITERATURE ONLINE

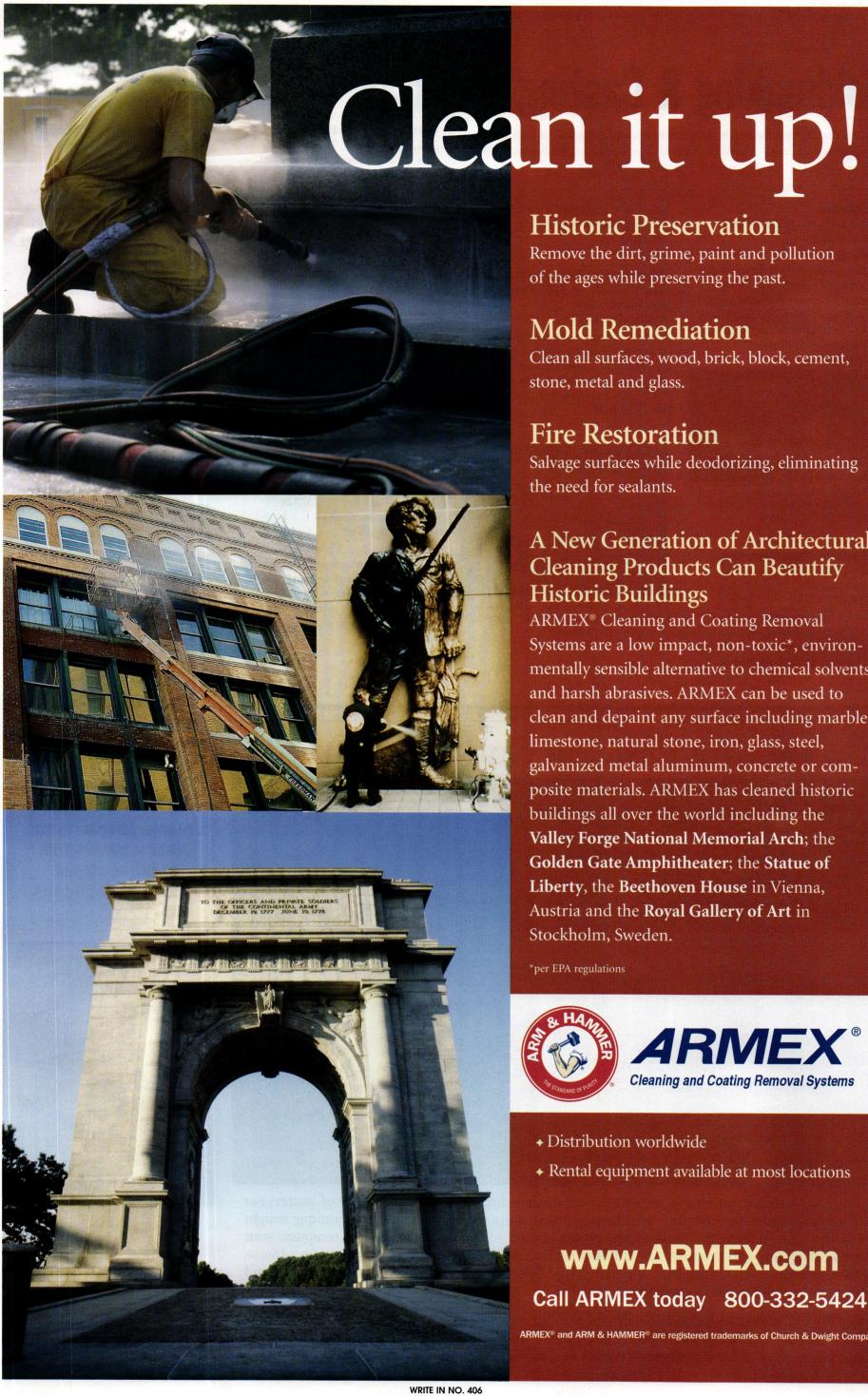
The fastest way to get supplier catalogs

This issue's "Free Product Literature" Form is now online. Literature requests are E-Mailed directly to advertisers for fastest action. To use this online service:

- Log onto www.traditionalbuilding.com
- Click on "Free Product Literature"
- Select "Issue Product Literature Card"

www.traditionalbuilding.com

Product Information Online



#### Historic Preservation

Remove the dirt, grime, paint and pollution of the ages while preserving the past.

#### **Mold Remediation**

Clean all surfaces, wood, brick, block, cement, stone, metal and glass.

#### Fire Restoration

Salvage surfaces while deodorizing, eliminating the need for sealants.

#### A New Generation of Architectural **Cleaning Products Can Beautify Historic Buildings**

ARMEX® Cleaning and Coating Removal Systems are a low impact, non-toxic\*, environmentally sensible alternative to chemical solvents and harsh abrasives. ARMEX can be used to clean and depaint any surface including marble, limestone, natural stone, iron, glass, steel, galvanized metal aluminum, concrete or composite materials. ARMEX has cleaned historic buildings all over the world including the Valley Forge National Memorial Arch; the Golden Gate Amphitheater; the Statue of **Liberty**, the **Beethoven House** in Vienna, Austria and the **Royal Gallery of Art** in Stockholm, Sweden.

\*per EPA regulations



- Distribution worldwide
- Rental equipment available at most locations

www.ARMEX.com

Call ARMEX today 800-332-5424

ARMEX® and ARM & HAMMER® are registered trademarks of Church & Dwight Company

## **Moldmaking & Casting Materials**

To order product literature, go to www.traditional-building.com 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. 9945**.

#### Abatron, Inc.

800-445-1754; Fax: 262-653-2019 www.abatron.com Kenosha, WI 53144

Manufacturer of products for restoration & repair: wood consolidation & repair, concrete patching & resurfacing, metal restoration, moldmaking & casting, structural adhesives, protective coatings, strippers & related products.

Write in No. 1300



Wood restoration compounds and solvents for epoxies and other moldmaking materials are available from Abatron.

#### **Architectural Fiberglass Corp.**

800-439-2000; Fax: 631-842-4790 www.afcornice.com Copiague, NY 11726

Fabricator of reproduction ornament: cornice molding, columns, capitals, balustrades & themed interior environments; lightweight FRP; molded-in colors & textures; class-1 fire-retardant material; weather resistant; easy to install. Write in No. 6400

#### **Architectural Reproductions, Inc.**

888-440-8007; Fax: 503-281-6926 www.archrepro.com Portland, OR 97227

Custom fabricator of cast-stone facade & cornice elements: columns, capitals & balustrades; uses both traditional cement-based casting methods & lightweight GFRC techniques; terra cotta substitutes. Write in No. 6130



The glass fiber reinforced concrete (GFRC) used to re-clad this building on State Street in Chicago, IL, was acquired from Ball Consulting.

#### **Ball Consulting, Ltd.**

724-266-1502; Fax: 724-266-1504 www.ball-consulting-ltd.com Ambridge, PA 15003

Supplier of moldmaking materials & casting compounds: alginate, latex rubber, polyurethane & silicone for moldmaking; GFRC, gypsum, polymer-modified gypsum, plaster & polyurethane casting compounds; terra cotta substitutes.

Write in No. 7260

#### **Balmer Architectural Mouldings**

416-491-6425; Fax: 416-491-7023 www.balmer.com

Toronto, Ontario, Canada M2J 1S5

Supplier & installer of moldings, cornices, domes, mantels, columns & capitals: cast in gypsum & polyurethane-based materials; more than 12,000 patterns; custom pattern making.

Write in No. 3159

#### **Canning Studios**

203-272-9868; Fax: 203-272-9879 www.canning-studios.com Cheshire, CT 06410

Restorer & designer of decorative finishes, ornamental plaster & wood: historic-paint analysis; plaster consolidation & stabilization; decorative painting, murals, interior & exterior gilding & wood graining; metal & stone cleaning.

Write in No. 5100

#### **EverGreene Painting Studios, Inc.**

212-244-2800; Fax: 212-244-6204 www.evergreene.com

New York, NY 10001

Decorative-arts studio: murals, decorative painting, gilding, plaster, wood, metal, stone & mosaics; new design, conservation & restoration; ecclesiastical, institutional, public & commercial projects; offices in NYC & Chicago.

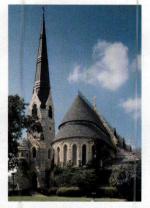
Write in No. 2460 for decorative painting; 2678 for plaster

#### Lehigh Cement Company, White Cement Div.

800-523-5488; Fax: 610-366-4638 www.lehighwhitecement.com Allentown, PA 18195

Manufacturer of white cement: used in cast stone, precast, GFRC, architectural concrete masonry, stucco, tile grout & cast in place; for swimming pools, spas, ornament, concrete roof tile, terrazzo & infrastructure.

Write in No. 169



The precast panels and stones for this octagonal chapel were made by the Lehigh Cement Company.

#### An Inviting Past, An Enduring Future.



When you subscribe to OLD-HOUSE JOURNAL, you'll discover how to blend the elegance of yesteryear with today's modern amenities. Step-by-step instructions, expert "how-to's," and unique insight will help you to discern the tools, funds, processes, and materials you'll need to recapture your home's personality and promise. An authority on homes of every style and every era, OLD-HOUSE JOURNAL provides cost-saving tips, beautiful interior schemes, and resources for authentic and reproduction architecture in every issue.

Best of all, OLD-HOUSE JOURNAL chronicles the real-life successes of fellow restorers. Their advice for living in an ever-changing renovation environment, and a subscription to OLD-HOUSE JOURNAL means you're never alone. Together, we'll work to give your older home a brand-new beginning.

Subscribe to
OLD-HOUSE JOURNAL.
Your home deserves no less.
Call us at 800.234.3797
or visit us online at
www.oldhousejournal.com.



Old House



## ABATRON, INC.

5501-95th Ave., Kenosha, WI 53144 USA Tel: 1-262-653-2000 800-445-1754 Fax: 1-262-653-2019 http://abatron.com ISO 9001:2000 Registered

#### **Restoration and Maintenance Products**

**S**pecified by the U.S. Government, Architects, Builders and other Professionals,

Abatron Restoration Systems meet and surpass the restoration and maintenance standards for wood, stone, concrete, metal, composites and other materials. Developed and manufactured by Abatron, they are based on epoxies, urethanes, acrylics, vinyls, silicones, polyesters and other materials in wide ranges of viscosity, hardness, flexibility, thermal, chemical and mechanical properties.

**Examples of some of our popular products by category:** 

#### **Wood Restoration**

**WoodEpox:** structural adhesive paste and wood substitute, used in any thickness to fill, add or modify. It can be sawed, carved, machined, nailed, sanded, stained, painted.

**LiquidWood:** liquid, penetrating consolidant for restoring strength and function to rotted or spongy wood.

Both **LiquidWood** and **WoodEpox** permanently restore structures, windows, furniture, columns, frames, statuary, boats and most rigid surfaces, and impart water and insect resistance.

#### Stone, Concrete, Masonry Restoration

**AboCrete:** to permanently repair, resurface fill and bond driveways, floors, decks, swimming pools, most damaged rigid surfaces, concrete, wood, metal and other surfaces.

**AboWeld 55-1:** structural thixotropic paste to permanently repair or reshape stairs, statuary and vertical surfaces without forms.

**AboWeld 8005-6:** to bond new poured concrete to old concrete and other surfaces.

**AboCoat and Abothane Series:** protective coatings for floors, walls, tanks, tubs, boats. Water dispersions, solvent systems or 100% solids.

**AboJet Series:** for structural crack-injection, in a wide range of viscosities and other properties.

## Mold Making and Casting Compounds

MasterMold 12-3: non-toxic polyurethane paste for flexible, large and small molds. Best for architectural components, columns, capitals, statuary, moldings, decorative and structural elements. Excellent elasticity, form retention and number of castings.

MasterMold 12-8: liquid 12-3 to pour flexible molds.

**AboCast 4-4:** pourable compound for rigid large and small molds and castings, from machinable tooling and patterns to castings of any size, meeting most chemical/thermal/mechanical specifications.

#### Structural Adhesives, Sealants and Caulks

meeting all kinds of specifications for composites, structural and decorative components, indoors and outdoors.

**WoodCast:** light-weight, impact resistant pourable compound for interior and exterior castings.

**AboCast 8 Series:** versatile, clear epoxy casting compounds in a wide range of viscosities, reactivities and other properties. **AboSeal Series:** rigid or flexible sealants for most environments.

Many other products are also available. Their number increases continuously to meet any new requirement or preference.







Rotted & infested base of a loadbearing column is completely sawed off & replaced with WoodEpox.







Antique window sash is salvaged, consolidated with LiquidWood & rebuilt with WoodEpox.







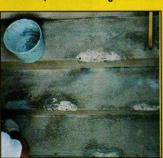
Consolidation & rebuilding of rotted windowsill with LiquidWood & WoodEpox.







AboCrete, is much stronger than concrete, bonds permanently & does much more, quickly & for much less money.







AboWeld 55-1, is much stronger than concrete & shapes without forms on steps & difficult surfaces.







MasterMold can reproduce capitals, structural & decorative components, statuary & other patterns quickly & cost effectively.





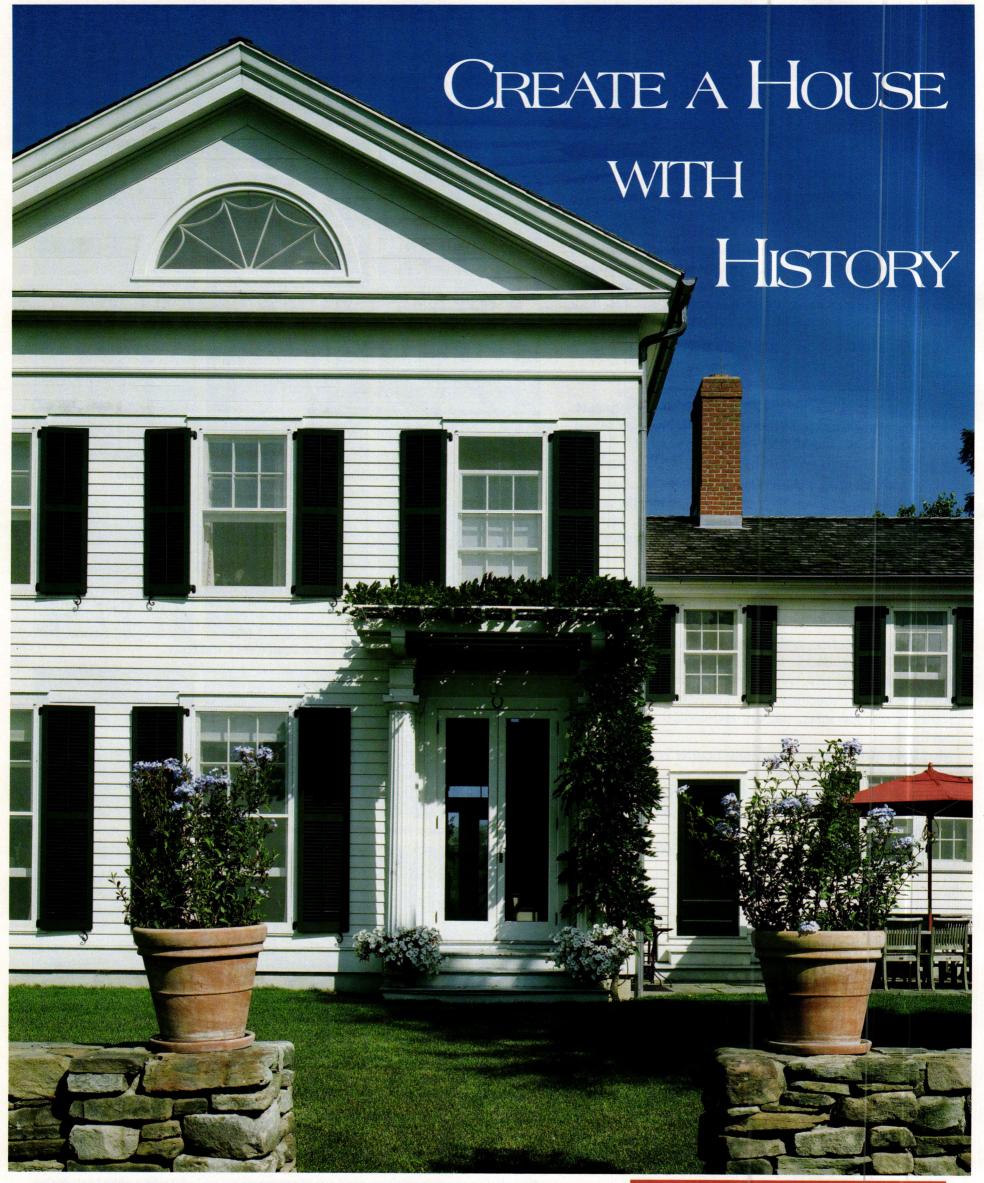


AboJet Abatron products in all kinds of buildings...in all kinds of packaging. series for structural crack-injection

For details of the above and other products, you can visit our 90-page

Website <a href="http://www.abatron.com">http://www.abatron.com</a>

Describing over 200 of our products. We recommend it for more detailed information any time, without delay.



Each season *Old-House Journal's New Old House* magazine brings you new homes that echo the past while keeping all the comforts of today's lifestyles.

New old houses satisfy our insatiable appetite for the charm of old houses while offering all the bells and whistles of today—gourmet kitchens, luxurious master baths, and rooms completely wired for twenty-first-century technologies.

Through each issue of Old-House Journal's New Old House, we'll explore classic American

house styles all across the country and hear from traditionally schooled architects who create dwellings with a sense of history and belonging. We'll discover the ideas behind designing a home with a "past:" how, for example, architects and designers introduce salvage materials into a space to give it that

old-house feel; how the scale and proportions of building design found in old pattern books are finding new expressions; and how craftspeople perfect the details of centuries ago in the present.

**Old-House Journal's** 

New Old House

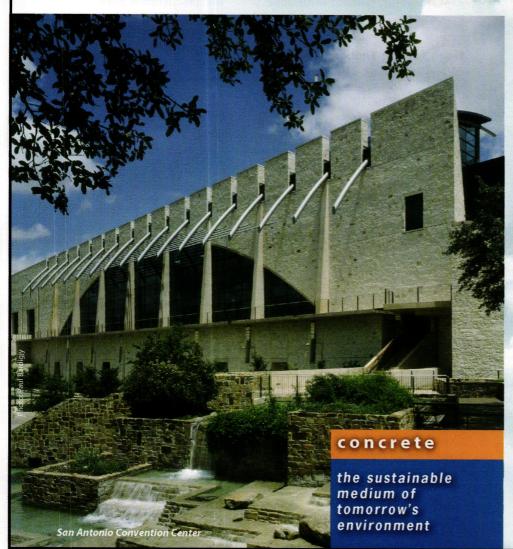
**Building Character in Today's Homes** 

New old houses offer a freshness to our country's landscape, bringing back a sense of place to the home.

To Subscribe to
Old-House Journal's
NEW OLD HOUSE
Call 866.298.5647
Six issues for \$17.97 plus
\$2.00 postage and handling.

Visit us online at www.newoldhousemag.com

## LEHIGH WHITE CEMEN









#### Architectural Concrete.

The versatile building product for:

- **DURABILITY AND LONGEVITY**
- **ENERGY EFFICIENCY**
- REFLECTIVE SURFACES
- **BETTER INDOOR AIR QUALITY**
- **BEAUTIFUL & FUNCTIONAL STRUCTURES**

Contact us about our new AIA/CES program, "Concrete for Cool Communities."

#### **LEHIGH CEMENT COMPANY** WHITE CEMENT DIVISION

7660 Imperial Way Allentown, PA 18195-1040

**Toll Free** 1 800 523 5488 Phone Fax

610 366 4600 610 366 4638

www.lehighwhitecement.com









# SUSTAINABL

WRITE IN NO. 169



Announcing a New Way to...

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

www.TradWebDirectory.com

#### **Polymer Tooling** Systems, Inc.

50+ years experience in moldmaking & prototyping to offer make us your first stop for moldmaking equipment, supplies & expertise!

•RTV SILICONE & URETHANE MOLDMAKING RUBBER **•**EPOXY & URETHANE CASTING MATERIALS GYPSUM CEMENTS + ADHESIVES & SEALANTS • RELEASE AGENTS

WRITE IN NO. 1446



#### **National** Preservation Institute

Seminars in Historic Preservation & Cultural Resource Management

Professional training for those involved in the management, preservation, and stewardship of our cultural heritage.

- CRM Basics: Archaeological Curation; Cemetery Preservation; GIS: Practical Applications for Cultural Resource Projects; Historic Landscapes; Identification and Evaluation of Mid-20th-Century Buildings; NEPA Compliance; Photodocumentation of Cultural Resources; Section 4(f) Compliance for Transportation Projects; Section 106: An Introduction
- Historic Property Management: Accessibility; Green Strategies for Historic Buildings; Historic Property Management; Historic Structures Reports; Preservation Maintenance; Secretary of the Interior's Standards
- Plus more! Please contact us for a seminar schedule or go to www.npi.org.

P.O. Box 1702. Alexandria. Virginia 22313 703.765.0100 • info@npi.org • www.npi.org



Ball Consulting is a Full Service Supplier of:

GFRC
 Forton MG

Flexible Molding Materials and Technical Services are also available.

- · Lightweight
- · Non-Toxic
- High Impact Strength Easy to Install
- Painted or Integral

Stone Finish

• Crisp Detail · Will Not Rot

For information on these products or for a fabricator near you, call: 800.225.2673

fax: 724.266.1504

email: ball@ball-consulting-ltd.com www.ball-consulting-ltd.com

Distribution Centers located in:

- Ambridge, PA Dallas, TX
- Linden, NJ Los Angeles, CA
- Tempe, AZ Loveland, CO



WRITE IN NO. 7260

## **Custom Timber Framing & Barns**

To order product literature, go to www.traditional-building.com 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. 9946**.

**Barn People, The** 

802-674-5898; Fax: 802-674-6310 www.thebarnpeople.com Windsor, VT 05089

Supplier of antique wood & restored antique New England barn frames: dismantling, repairs & reassembling anywhere for adaptive reuse.

Write in No. 440



The Barn People's owner, Ken Epworth, is seen here in front of a building fabricated from two 19th-century Vermont barns that his firm dismantled and restored.

#### **Bear Creek Lumber**

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

Supplier of tongue-&-groove paneling, shingles, shakes, flooring & decking: red cedar, Port Orford cedar, cypress, pine, fir, hemlock, spruce, jatoba & more; kiln dried; clear & select grades.

Write in No. 521

#### Carlson's Barnwood Co.

309-522-5550; Fax: 309-522-5123 www.carlsonsbarnwood.com Cambridge, IL 61238

Supplier of antique barn wood & salvaged materials: planks, beams, dimensional lumber, re-milled flooring & architectural antiques; pine & oak; complete timber frames & barns; salvaged doors, windows & shutters.

Write in No. 2744

#### **Colonial Restorations**

508-867-4400; No fax www.cr1981.com Brookfield, MA 01506

Restorer of post-&-beam buildings: restoration, repair & replacement of timbers; straightening & leveling of barns; consultation.

Write in No. 597



This timber-frame roof of this 60-ft. barn was replaced by Colonial Restorations using gin poles instead of a crane.

#### **Country Carpenters, Inc.**

860-228-2276; Fax: 860-228-5106 www.countrycarpenters.com Tolland, CT 06084

Manufacturer of pre-cut, New Englandstyle post-&-beam carriage houses: garden sheds & country barns; pre-cut, pre-engineered building kits; cupolas; family owned & operated since 1974; catalog \$5.

Write in No. 1439



This 22x30-ft., one-and-a-half-story barn was constructed by Country Carpenters.

#### Country Road Associates, Ltd.

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

Supplier of reclaimed wood: wide board & random width; chestnut, maple, oak, pine, heart pine, cherry, elm & walnut; distributor of reclaimed barn siding, hand-hewn beams, paneling & cabinetry. Write in No. 7480

#### Craftwright, Inc.

410-876-0999; Fax: Same as phone www.craftwrighttimberframes.com Westminster, MD 21157

Supplier of timber-frame structures: home, barn, bridge, steeple & church framing & more.

#### **Durable Slate Co., The**

800-666-7445; Fax: 614-299-7100 www.durableslate.com Columbus, OH 43201

Contractor providing historic restoration: slate, tile & metal roofing; exterior metal ornament; restoration of masonry, monuments, doors, windows, interiors, steeples, spires & cupolas; Midwest, East & South regions; since 1986.

Write in No. 3720



This early 19th-century barn was disassembled by The Durable Slate Co. and moved to a new location in Ohio; it is now used by the Dominican Sisters of St. Mary of the Springs.

#### **FreeState Timbersmiths**

913-897-5262; Fax: 913-897-1459 www.freestatetimbersmiths.com Stilwell, KS 66085

Custom fabricator & distributor of timber frames: recycled timbers & timber-frame restoration; residential & commercial projects; serving Midwest clients in all facets concerning timber-frame structures.

#### Goodwin Heart Pine Co.

800-336-3118; Fax: 352-466-0608 www.heartpine.com Micanopy, FL 32667

Manufacturer of antique hardwood flooring: river-recovered heart pine & heart cypress, Antique Legacy (buildingreclaimed) heart pine & wild black cherry; in 16 grades; stair parts, millwork, moldings, paneling & furniture.

Write in No. 1330

#### **Hugh Lofting Timber Framing, Inc.**

610-444-5382; Fax: 610-869-3589 www.hughloftingtimberframe.com West Grove, PA 19390

Designer, fabricator & installer of custom timber-frame structures: residential, commercial & outbuildings; insulated panel systems; throughout the mid-Atlantic region.

Write in No. 663



This timber-frame barn was designed and built by Hugh Lofting Timber Framing.

#### **Kronenberger & Sons Restoration**

860-347-4600; Fax: 860-343-0309 www.kronenbergersons.com Middletown, CT 06457

Contractor for interior & exterior restoration: all types of finishes; post-&beam construction; windows, molding & roofing; masonry & wood; museums, churches, town halls, libraries, barns, period homes & outbuildings.

Write in No. 536



Kronenberger & Sons constructed the rustic cedar framing for the Gillette Castle Train Station in Hadlyme, CT.

#### Liberty Head Post & Beam

802-434-2120; Fax: 802-434-4929 www.libertyheadpostandbeam.com Huntington, VT 05462

Custom designer of timber-framed structures: joined in the Vermont tradition.

Write in No. 1233

#### Maine Mountain Post & Beam

207-935-7234; No fax www.mainemtpostbeam.com Brownfield, ME 04010

Timber framer: antique & salvaged barns & other structures; new timberframe buildings.

#### Old Barn Wood Co.

608-356-8849; No fax www.old-barn-wood.com Baraboo, WI 53913

Manufacturer & supplier of barns & barn wood: barn dismantler; antique wood flooring, paneling, wood ceilings, beams & large timbers.

Write in No. 1379

#### Reliance Specialty Building Products

800-697-4705; Fax: 509-466-8833 www.reliancesbp.com Spokane, WA 99218

Supplier of kiln-dried & green timbers, flooring, decking, siding, bridge timber, poles, millwork & moldings: Douglas fir,

cedar, larch, hemlock, white fir, Oregon oak, pine, aspen & birch.

Write in No. 1403



Reliance Specialty Building Products supplied the Douglas fir, hemlock, white fir, spruce and pine for this timber-frame structure.

#### **Southern Timberwrights, LLC**

256-582-9299; Fax: 256-582-9247 www.southerntimberwrights.com Guntersville, AL 35976

Manufacturer & supplier of timber-frame structures: new & antique/salvaged barns, timber frames & gazebos; antique wood flooring, bridges, gates, decking & custom millwork & moldings; custom timbers; restoration work.

Write in No. 1290



Southern Timberwrights designs and fabricates mortise-and-tenon timber frames and trusses.

#### **Timberpeg**

800-636-2424; Fax: 603-298-5425 www.timberpeg.com W. Lebanon, NH 03784

Manufacturer of timber-frame structures: independent representatives provide local service; architectural & engineering staff facilitates communication with outside architects & designers; trusses, roof systems & complete packages.

Write in No. 8370



Timberpeg built the Douglas fir frame, vaulted ceiling, triangular skylight windows and bell tower of this chapel near Los Angeles, CA.

#### **Tradition Home**

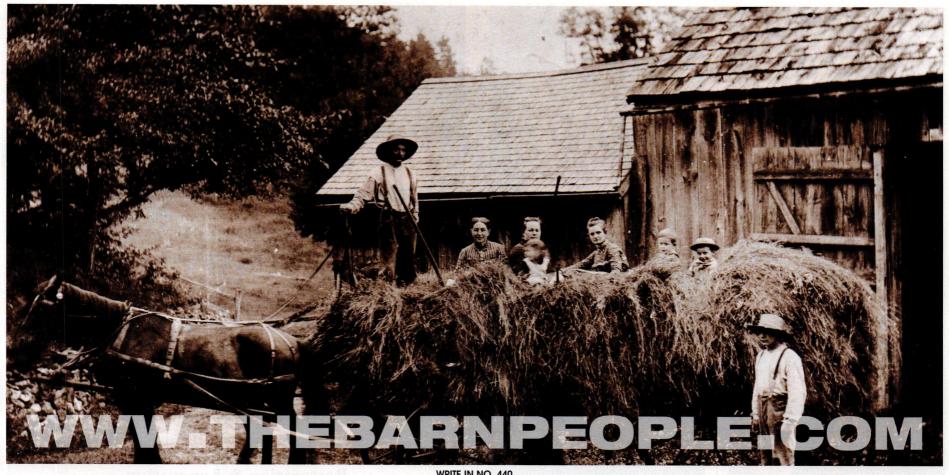
905-786-2619; Fax: 905-786-2353 www.traditionhome.com Port Hope, Ontario, Canada L1A 3V7 Manufacturer of timber-framed periodstyle structures: log, stone & post-&-beam.

#### **Tremont Nail**

www.tremontnail.com 800-842-0560; Fax: 508-295-1365 Mansfield, MA 02048

Supplier of antique steel-cut nails: for flooring, siding, furniture & doors; decorative heads; heavy-duty & galvanized nails; 20 different patterns; Colonial hardware for doors & gates.

Write in No. 2669



WRITE IN NO. 440

#### FLOORING > PANELING > WAINSCOTING >

#### WIDE BOARDS FOR FINE WORK

Whether you're an architect, a builder or a humble homeowner, we provide wide pine and native hardwood boards custom milled for your historic restoration, renovation or new building projects.

#### **PINE TO 30" WIDE** LUMBER COMPAN FINELY MILLED SINCE 1974

CRAFTSMAN LUMBER OMPANY, INC. BOX 222, 436 MAIN ST. GROTON, MA 01450 P 978.448.5621 978.448.2754 U CRAFTSMANLUMBER.COM

OAK TO 18" WIDE

WRITE IN NO. 4320



Timbers • Paneling Siding • Flooring

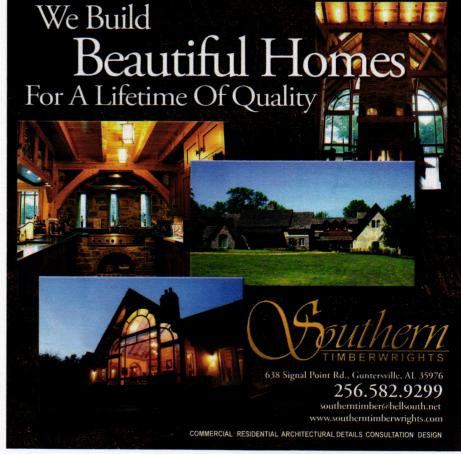
#### Timbers

•Up to 24"x 36"-85' Grn, KD, or standing dead •FOHC, S4S or rough

(800) 697-4705 • www.reliancesbp.com



WRITE IN NO. 1403



WRITE IN NO. 1290

#### I, N, T, B, A, U

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

#### "19th CENTURY BARNWOOD IS MY BUSINESS"



"We're the only makers of 19th Century style furniture to use 19th C. barnwood,"

Shown here: FARM TABLE. Farm tables bring to mind families enjoying a bounty of good eating. That's why we have adapted it for contemporary living or traditional settings. This simple, yet uniquely beautiful dining table is 72"L x 36"W x 30"H, and comfortably seats 8.

Also custom cabinetry, chairs, mirrors, benches, Oriental rugs and more.

- Traditional hand craftsmanship
- Hand-rubbed wax finish for a mellow satin patina
- Each piece individually signed, dated & numbered by joiner
- Send \$5 for our color brochure

Open Tues.-Sat. 10am-4pm Sun. & Mon. by appointment

#### COUNTRY ROAD ASSOCIATES, LTD.,

63 FRONT STREET, P.O. BOX 885, MILLBROOK, NY 12545

845-677-6041 • Fax 845-677-6532

www.countryroadassociates.com

Joe Rizzo, Proprietor -Country Road Assoc. LTD.



#### "I sell barnwood very reasonably. Call me for a price quote."

- FLOORING in rare chestnut, wide-board white pine, oak, heart pine, hemlock, cherry, walnut and more.
- Random widths from 3" to 20".
- Barnsiding in different natural colors, faded red, silver gray and brown.
- Large quantities available.
- Delivery throughout the USA.
- HAND-HEWN BEAMS up to 13" wide. random lengths.

## DETAILS MATTER.



When staying true to the style or period is critical, authentic Square-Cut Nails from Tremont Nail are the #1 choice.

The Decorative Wrought Head Nail is designed to simulate the hand-forged nails of the 1700's. It is ideal for authentic restoration and when an antique effect is desired.

Trust in the oldest nail manufacturer in the United States for authentic square-cut nails for traditional flooring, framing, siding, shingling, furniture restoration & reproduction, decks, boardwalks & shipbuilding.

For a FREE Tremont Nail catalog, call & request catalog TB607T.



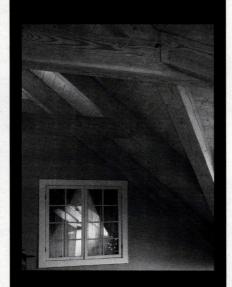
#### TREMONT NAIL

1.800.835.0121

1.800.833.0121 www.tremontnail.com

A DIVISION OF ACORN MANUFACTURING CO., INC.

WRITE IN NO. 2669



For over 30 years Hugh Lofting Timber Framing, Inc has created beautiful, energy efficient, passive solar homes.

From one room cabins and lean-to's to grand estate rooms and hotels, our team works with clients and their architects to design, raise and enclose structures that are personal, functional and environmentally aware.

Each of our hand cut and shaped timbers are sourced from certified sustainably managed forests. We also use reclaimed and standing dead Douglas Fir, Larch and other species.

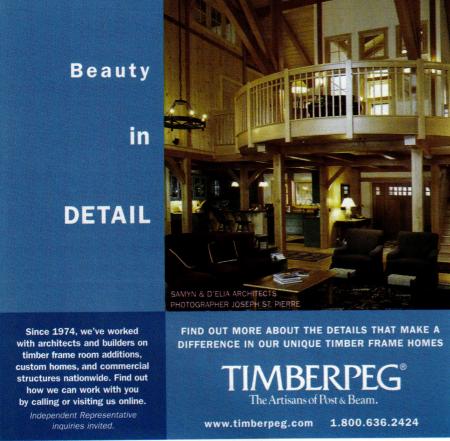
We apply a Structural Insulated Panel Enclosure System to the exterior of the frame to provide a high R-value and a weather tight seal, leaving the beauty and the warmth of the wood frame exposed.





www.hughloftingtimberframe.com (610) 444-5382

WRITE IN NO. 663



WRITE IN NO. 8370



#### Honoring Excellence in Traditional Commercial & Civic Design

Co-produced by *Traditional Building & Period Homes* and the 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.

Palladio Awards for Commercial & Civic Architecture will be considered in five categories:

Restoration & Renovation

Adaptive Reuse &/or Sympathetic Addition

New Design & Construction – less than 30,000 sq.ft.

New Design & Construction – more than 30,000 sq.ft.

Public Spaces: Parks, Plazas,

Gardens, Streetscapes

Corresponding awards will also be made for residential projects.

Judging will be by a panel of distinguished architectural designers selected by the editors of *Traditional Building* and *Period Homes*.

The deadline for entries is November 15, 2007.

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

www.palladioawards.com







Antique barnwood, flooring & beams.
Architectural antiques.
Quality old products at wholesale prices.

8066 N. 1200 Ave. Cambridge, IL 61238 800-734-5824

www.carlsonsbarnwood.com

WRITE IN NO. 2744

## Free State IMBERSMITHS Specializing in Custom Timber Frames

#### **Matt Smith**

17635 Nall, Stilwell KS 66085 Tel 913/897-5262 • Fax 913/897-1459 www.freestatetimbersmiths.com

WRITE IN NO. 1464



WRITE IN NO. 597

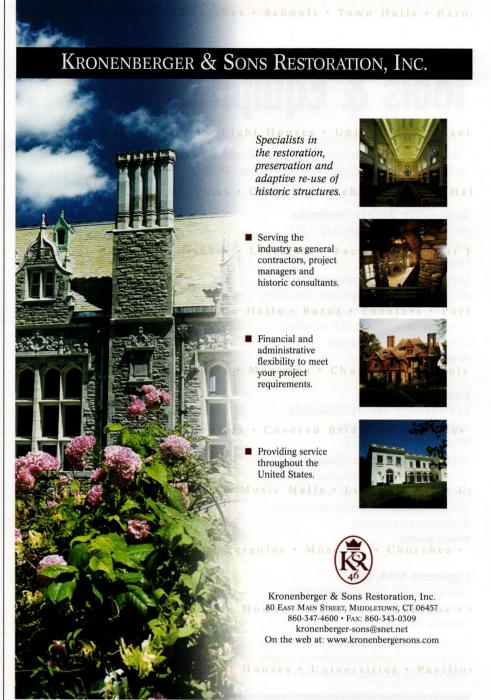
## PRODUCT LITERATURE ONLINE

The fastest way to get supplier catalogs

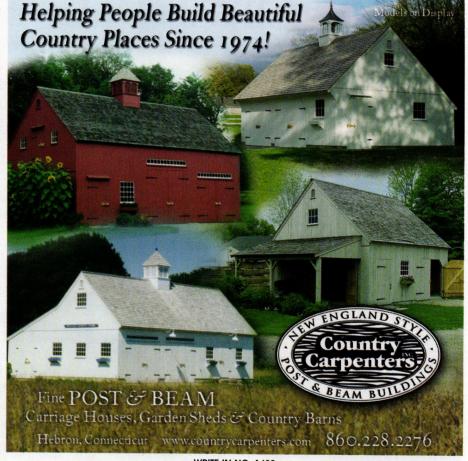
This issue's "Free Product Literature" Form is now online. Literature requests are e-Mailed directly to advertisers for fastest action. To use this online service:

Log onto www.traditional-building.com Click on "Free Product Literature" Select "Issue Product Literature Card"

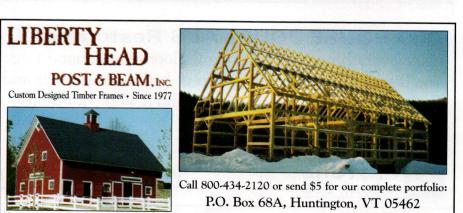
www.traditional-building.com



WRITE IN NO. 536



WRITE IN NO. 1439



Handcrafted traditional joinery • www.libertyheadpostandbeam.com

WRITE IN NO. 1233

## **Tools & Equipment**

To order product literature, go to www.traditional-building.com 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. 9947**.

#### **Concealite Safety Products**

605-542-4444; Fax: 605-542-3333 www.concealite.com Elkton, SD 57026

Supplier of building safety products: emergency lighting, exit signs, fire-alarm signaling devices, emergency a/c power, central battery units & RT switches; almost-invisible installation.

Write in No. 1759

#### Leo Uhlfelder Co.

914-664-8701; Fax: 914-664-8728 www.uhlfeldergoldleaf.com Mount Vernon, NY 10553

Supplier of genuine & imitation gold, silver & aluminum leaf: decorative painting & gilding tools, brushes, books, videos & related items; bronze & aluminum powders.

Write in No. 810

#### Lignomat USA, Ltd.

800-227-2105; Fax: 503-256-3844 www.lignomat.com Portland, OR 97230

Supplier of moisture meters & thermohygrometers: hand-held moisture meters with & without pins; wireless data recorders for wood moisture, ambient temperature & relative humidity.

Write in No. 1120

#### **Trow & Holden**

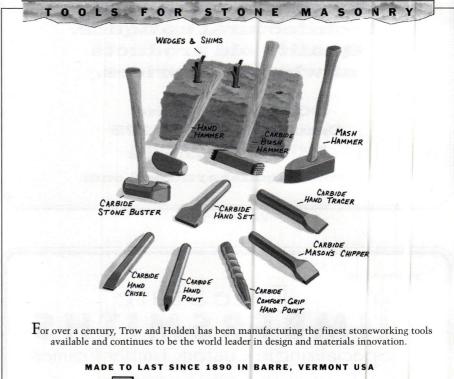
800-451-4349; Fax: 802-476-7025 www.trowandholden.com Barre, VT 05641

Manufacturer of stone-carving tools: air & hand hammers; steel & carbide chisels for soft & hard stone; pneumatic mortarremoval kits for fine re-pointing work; stone-masonry & -splitting tools.

Write in No. 1058



Trow & Holden manufactures tools for cutting both hard and soft stone.



Trow & Holden Company fine stoneworking tools

45 South Main St. • Barre Vermont 05641 • Toll-Free 1-800-451-4349 • In Vermont call 476-7221 www.trowandholden.com

Please write or call for a free catalog.

WRITE IN NO. 1058

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

## the Original and still the best

An OLD HOUSE is being restored. A New House is being built in a Traditional Style. You need OLD-HOUSE JOURNAL'S Restoration Directory

Your search is over. You don't need to spend days tracking down the right product source — and you don't have to settle for ordinary solutions. The editors of OLD-HOUSE JOURNAL have taken the pain out of finding unique restoration products and services. Wall to wall, ceiling to floor. Thousands of products, right at your fingertips.





## Now On Sale

\$9.95 at major bookstores, newsstands, and specialty retailers nationwide.

To order by phone (\$9.95 plus \$5 shipping and handling), call (202) 339-0744 ext. 101, 9 a.m. to 5 p.m., EDT, Mon-Fri.

**OLD-HOUSE JOURNAL'S Restoration Directory** is a comprehensive directory of suppliers who make everything from wide plank flooring and hand-forged copper sinks to Victorian sofas and Craftsman lighting. You'll find nearly 2,000 suppliers of bathroom fixtures and faucets, building materials, lighting, decorative accessories, furnishings of all types and styles, and a whole lot more.



Where To Find Hard-To-Find Stuff

Old:House

### **Custom Woodwork**

To order product literature, go to www.traditional-building.com 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. 9949**.

#### 1.800.COLUMNS

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

Catalog distributor of fine architectural products: Chadsworth Columns, Hartmann-Sanders Authentic Architectural Columns, Polystone Columns, Polystone Balustrade Series, & Classic Pergolas; moldings; job-site delivery. Write in No. 180

#### A-Art/B. Rasmussen, Ltd.

314-962-1842; Fax: 314-962-4816 www.bestofmissourihands.org Saint Louis, MO 63144

Art studio: signs, sculpture, wood carvings, decorative painting & gilding; custom designs; restoration, replication & refinishing; professional-opinion replacement cost estimates for insurance purposes.

Write in No. 821



A-Art/B. Rasmussen carved 32 beer-related designs in white maple for the executive tasting room at the Anheuser-Busch Brewery in St. Louis, MO.

#### Adams Stair Works & Carpentry, Inc.

847-223-1177; Fax: 847-223-1188 www.adamsstair.com Grayslake, IL 60030

Supplier of staircases & stair parts: circular, spiral, straight, glass & custom shapes; stair kits; historical restoration, custom turnings & profiles; oak & other species. Write in No. 610



Architectural wood stairs from Adams Stair Works are custom designed to fit each building's space and style.

#### Agrell Architectural Carving Ltd.

415-457-4422; No fax www.agrellcarving.com San Rafael, CA 94901

Custom fabricator of architectural wood carvings: custom hand-carved decorative molding, interior & exterior columns, capitals, turnings, mantels & onlays; ecclesiastical furnishings.



Master carver Ian Agrell of Agrell Architectural Carving fabricated this elegant corbel with an acanthusleaf motif.

#### Architectural Columns & Balustrades by Melton Classics

800-963-3060; Fax: 770-962-6988 www.meltonclassics.com Lawrenceville, GA 30042

Manufacturer of architectural elements: columns, moldings, balustrades, door & window features, cornices & trim; wood, fiberglass, polyurethane, marble/resin composite, GFRC, GRG, cast stone & synthetic stone.

Write in No. 4100

#### Architectural Components, Inc.

413-367-9441; Fax: 413-367-9461 www.architecturalcomponentsinc.com Montague, MA 01351

Manufacturer of reproduction & custom wood windows & doors: true-divided lites with insulated glass; wood-framed storm sash & screens; renovation & restoration projects & new construction; paneled walls & storefronts; catalog \$5.



Architectural Components built the custom lunette, door frames, casing, chair rail and wainscoting to match the existing elements of this building.

#### Architectural Paneling, Inc.

212-371-9632; Fax: 212-759-0276 www.apaneling.com New York, NY 10022

Supplier of hand-carved & deep-sculpted wood moldings, capitals, fireplace mantels, doors & ornament: walnut, cherry, mahogany, oak, maple & poplar.

Write in No. 6490

#### 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, wroughtiron components, balustrading, door hardware, lighting, ceiling tile, furniture & cabinet components & more.

Write in No. 1088



In addition to supplying more than 750 stock styles of wood and polymer decorative appliques, Architectural Products by Outwater also offers custom wood carvings in hard maple, red oak and cherry.

#### Authentic Joinery & Millwork, LLC

404-841-4818; Fax: 404-841-4819 www.afwd-llc.com Atlanta. GA 30327

Supplier of windows & doors: many styles & sizes; various woods; wood flooring & millwork.

Write in No. 1761



Wood carvings from Balquist Carving Studio include corbels, capitals, mantels and reliefs, among other items.

#### **Balquist Carving Studio**

781-545-9993; Fax: 781-545-9998 340 Gannett Rd. Scituate, MA 02066

Designer & producer of hand-carved wood ornament, sculpture & signage: reproduction & restoration of decorative wood elements.

Write in No. 1274



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

#### **Bear Creek Lumber**

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

Supplier of tongue-&-groove paneling, shingles, shakes, flooring & decking: red

cedar, Port Orford cedar, cypress, pine, fir, hemlock, spruce, jatoba & more; kiln dried; clear & select grades.

Write in No. 521

#### Columns.com

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

Internet distributor & web-based mall for architectural products: columns, pilasters, decorative capitals, moldings, balustrades & pergola kits; can rate & compare various manufacturers; jobsite delivery, worldwide shipping.

Write in No. 1899

#### Country Road Associates, Ltd.

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

Supplier of reclaimed wood: wide board & random width; chestnut, maple, oak, pine, heart pine, cherry, elm & walnut; distributor of reclaimed barn siding, hand-hewn beams, paneling & cabinetry. Write in No. 7480

#### Craftsman Lumber Co.

978-448-5621; Fax: 978-448-2754 www.craftsmanlumber.com Groton, MA 01450

Manufacturer of wood flooring & custom millwork: wide-plank flooring & clapboards; eastern white pine, red pine, red oak & other native hardwoods; all drying & milling done on premises.

Write in No. 4320

#### **Creative Custom Components, LLC**

330-877-9420; Fax: 330-877-9425 www.creativecustomcomponents.com Hartville, OH 44632

Fabricator of custom woodturnings: balusters, newels, spindles, bedposts, finials & more.

#### **Deborah Mills Woodcarving**

212-447-5146; Fax: www.deborahmillswoodcarving.com Brooklyn, NY 11211

Wood carver: custom wood carver of relief panels, architectural ornamentation, mantel pieces, doors & furniture; original designs or museum-quality reproduction; by commission only.



This detail shows a historically accurate liturgical decoration that was hand carved by Deborah Mills, custom woodworker; the motif comes from a medieval church door.

#### **Decorators Supply Corp.**

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

Supplier of period architectural elements: ceiling medallions, mantels, cornices, columns & capitals; plaster of Paris, compo & wood; 14,000 patterns available.

Write in No. 210

#### East Teak Fine Hardwoods, Inc.

972-248-0078; Fax: 972-248-0942 4950 Westgrove, Suite 100 Dallas, TX 75035

Supplier of wood products: decking, porch parts, flooring, millwork, paneling, stair parts, custom timbers.

#### Fagan Design & Fabrication, Inc.

203-937-1874; Fax: 203-937-7321 www.fagancolumns.net West Haven, CT 06516

Manufacturer of columns & turnings: stain grades in any wood species; Classical orders; stock & custom; worldwide supplier.

Write in No. 8210

#### Flex Moulding, Inc.

800-307-3357; Fax: 201-487-6637 www.flexiblemoulding.com Hackensack, NJ 07601

Supplier of moldings & polymer ornament: ceiling medallions, spot decorations, capitals, simulated wood carvings & more; rigid & flexible polyester; restoration casting; window trim; custom casting & moldmaking capabilities.

Write in No. 4900

#### Goddard Mfg. Co.

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

Custom fabricator of stairs: spiral & curved; balusters & newels; all wood (mainly pine & oak), steel/wood combinations & all steel; wholesale prices.

Write in No. 4780



Goddard fabricates custom spiral staircases in oak, pine and other wood species.

#### Goodwin Associates

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

Supplier of architectural products: cornice moldings, columns, capitals, balustrades, door & window surrounds, ceiling medallions, niches, domes, brackets, corbels, mantels & more; polyurethane, FRP & hardwood millwork.

Write in No. 806



Goodwin Heart Pine offers stair parts, such as these handrails, in antique heart pine.

#### **Goodwin Heart Pine Co.**

800-336-3118; Fax: 352-466-0608 www.heartpine.com Micanopy, FL 32667

Manufacturer of antique hardwood flooring: river-recovered heart pine & heart cypress, Antique Legacy (building-reclaimed) heart pine & wild black cherry; in 16 grades; stair parts, millwork, moldings, paneling & furniture. Write in No. 1330

#### **Historic Doors**

610-756-6187; Fax: 610-756-6171 www.historicdoors.com Kempton, PA 19529

Custom fabricator of wood windows & doors: casing; circular & crown moldings; complete entryways; wood storefronts; restoration & period-style construction.

Write in No. 3570

#### Jim Illingworth Millwork, LLC

877-390-2392; Fax: 315-232-3645 www.jimillingworthmillwork.com Adams, NY 13605

Custom builder of wood windows, doors & moldings: sashes or doors only or complete units; matching of existing moldings; crowns, bases, casings, trim, spindles, balusters & turnings; architectural, traditional & historical.

Write in No. 1696

#### Josef's Art Woodturning & Son

877-JAWSINC; Fax: 516-489-3148 www.jawsinc.com Hempstead, NY 11550

Manufacturer of structural & decorative columns: interior & exterior applications: rope, fluted & reeded; carved custom & stock capitals, moldings, carved components, posts, balusters, legs, dowels, rosettes, finials & more.

Write in No. 1564

#### Klitsas, Dimitrios -Fine Wood Sculptor

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

Wood carver: capitals, newel posts, furniture (all periods), fireplace mantels, stairs, moldings & other specialty carvings; variety of wood species.

Write in No. 7380



Dimitrios Klitsas - Fine Wood Sculptor carves architectural elements in wood.

#### **Kronenberger & Sons Restoration**

860-347-4600; Fax: 860-343-0309 www.kronenbergersons.com Middletown, CT 06457

Contractor for interior & exterior restoration: all types of finishes; post-&beam construction; windows, molding & roofing; masonry & wood; museums,

churches, town halls, libraries, barns, period homes & outbuildings.

Write in No. 536

#### Michael A. Dow - Woodcarver

207-363-7924; Fax: Same as phone www.archcarving.com York, ME 03909

Custom wood carver: any style & wood; architectural, ornamental, furniture, mantels & nautical carvings; molding, capitals & signage; wood turnings, model making & antique carving restoration.

Call for more information.

#### **Mohamad Woodturning Corp.**

718-417-0025; Fax: 718-417-0021 www.mohamadwoodturning.com Brooklyn, NY 11206

Supplier of custom wood turnings: roped, twisted, fluted & spiral stairs & stair parts; balusters & columns; Classical styles; exterior & interior.

Write in No. 50



Mohamad Woodturning produces spiral turnings in a range of diameters, lengths and wood species.

#### **New York Fine Woodturning**

718-456-2227; Fax: 718-456-9807 www.nywoodturning.com Brooklyn, NY 11206

Custom fabricator of wood turnings: twisted & fluted handrails, moldings, balustrades, newel posts & columns; hand carved; custom finishing.

Write in No. 87

#### **Pacific Columns**

800-294-1098; Fax: 714-630-4549 www.pacificcolumns.com Atwood, CA 92811

Supplier of architectural millwork & more: columns, balustrades, wainscoting, door & window trim, metal ceilings & walls, moldings, niches, brackets, medallions, wood carvings & louvers; variety of wood species; urethane millwork.

Write in No. 88



Pagliacco manufactured all the elements of this stair.

#### **Pagliacco Turning & Milling**

415-488-4333; Fax: 415-488-9372 www.pagliacco.com Woodacre, CA 94973

Manufacturer of columns & other turnings: solid & hollow turnings from 15% to 24 in. x 20 ft.; load- & non-load-bearing; balusters, handrails & newel posts; Classical styles; stock & custom turnings.

Write in No. 7070

#### Poxywood Inc.

276-638-6284; No fax www.poxywood.com Martinsville, VA 24115

Manufacturer of patented epoxy putty wood paste: non-shrinking, fast-setting, weatherproof, washable & finish-able; can be tinted with Poxywood tinting concentrates.

Write in No. 1666

#### PRG, Inc.

800-774-7891; Fax: 301-279-7885 www.prginc.com Rockville, MD 20849

Supplier of epoxies for wood repair: low-toxicity borate wood preservatives, fire-retardant wood finishes, Proprep scrapers, moisture survey equipment, crack monitors, Rilem tubes, RecyClean system, scanners, books & more.

Write in No. 3030

#### **Sharp Lumber Company, A.G.**

800-745-2596; Fax: 330-747-2619 www.sharplumber.com Girard, OH 44420

Full-service architectural millwork & lumber supplier: custom wood & laminate cabinets, custom sash & doors, stock & custom wood moldings & radius trim work.

Write in No. 856



A.G. Sharp Lumber supplies hardwood moldings in all species.

#### Sonrise Woodcarving Studio

845-687-9139; Fax: 707-361-0206 www.sonrisewoodcarving.com Cottekill, NY 12419

Custom fabricator of millwork & moldings: handcrafted doors, entryways & windows; design & space planning; custom cabinetry & furniture; hand-carved & turned woodwork, fine veneering & finishing services.



These Georgian brackets, adorned with decorative acanthus leaves, were carved by Sonrise Woodcarving.









# sheer perfection

Not just in our artistry, but with your entire experience.

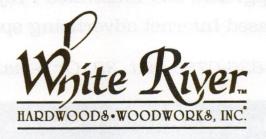






Endless design solutions. 30 years of experience. Cutting-edge technology grounded in classical design. These are the unique characteristics that make White River your One Source for hardwood mouldings and handcarved architectural woodcarvings — all backed by consistent product availability, prompt shipping, 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 | WhiteRiverInc.com



Beautifully Made | Made Easy

#### Stairways, Inc.

800-231-0793; Fax: 713-680-2571 www.stairwaysinc.com Houston, TX 77018

Designer & manufacturer of Victorianstyle spiral & straight stairs, stair parts, supplies & kits: steel, brass, stainless steel, wood & more.

Write in No. 4870

#### Superior Moulding, Inc.

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

Supplier of architectural & ornamental woodwork: molding, straight & curved stairs, rails, balusters, spindles, newel posts, treads, ceiling medallions, furniture legs, columns, capitals & more; custom turnings; all wood species.

Write in No. 138



Stock newel posts, balusters and handrails from Superior Moulding can be used to create stainways for any location.

#### **Sutherland Welles Ltd.**

800-322-1245; Fax: 802-635-2722 www.tungoilfinish.com North Hyde Park, VT 05665

Manufacturer of pure, low-toxic polymerized tung-oil finishes: for wood or any porous surface; creates a handrubbed, old-world patina on new wood with vintage colors or restores an aged surface; easy to apply & maintain.

Write in No. 1384

#### **Turnings Unlimited**

937-845-0211; Fax: 937-845-0230 www.turningsunlimited.com New Carlisle, OH 45344

Custom fabricator of woodwork: stair parts, custom turnings, balusters & newel posts; many wood species.

Write in No. 1122



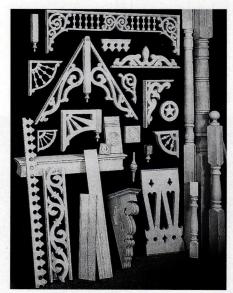
Custom turnings are available from Turnings Unlimited.

#### Victoriana East

856-910-1887; Fax: 856-910-1884 www.victorianaeast.com Merchantville, NJ 08109

Custom fabricator of storm/screen doors: Victorian, country, Mission & Colonial styles; pine, poplar & oak; custom brackets available; corbels, brackets, lattice & porch parts.

Write in No. 1101



Vintage Woodworks offers a selection of Victorian style trim that can be used in interior or exterior applications.

#### **Vintage Woodworks**

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

Manufacturer & supplier of Victorian millwork: wood porch parts, turned posts, turned & sawn balusters, railings, brackets, corbels, custom-length spandrels, screen/storm doors, mantels, wood shingles & more; 144-p. catalog.

Write in No. 1061

#### **Walpole Woodworkers**

508-668-2800; Fax: 508-668-7301 www.walpolewoodworkers.com Walpole, MA 02081

Manufacturer of fencing, gates, arbors, furniture, gazebos, sheds & garden amenities: large selection of handcrafted cedar lamp posts; wide variety of post- & sidemount lanterns; many styles.

Write in No. 280

#### **Weston Millwork Co.**

816-640-5555; Fax: 816-386-5555 www.westonmillwork.com Weston, MO 64098

Custom fabricator of wood doors & windows: sash & door-frame components & complete units; storms & screens; historical reproductions & exact replicas.

Write in No. 1316

#### 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 handcarved linden products & adornments for cabinetry & furniture in cherry & maple; in stock lineals, finials, mantels & range hoods; ceiling medallions.

Write in No. 1099



This elaborate woodwork is representative of the many moldings that are hand carved by the artisans at White River Hardwoods-Woodworks.

#### **Wood Window Workshop**

800-724-3081; Fax: 315-733-0933 www.woodwindowworkshop.com Utica, NY 13501

Custom fabricator of wood windows, doors, storms & screens: any size, shape & species; full mortise-&-tenon construction, true-divided lite, hard-to-find hardware & restoration & insulated glass; factory finishes; millwork & moldings; reproductions.

Write in No. 9640

Traditional Building Magazine's

NEW SERVICES WEBSITE!

# CUSTOM BUILDING & RESTORATION SERVICES

#### 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.

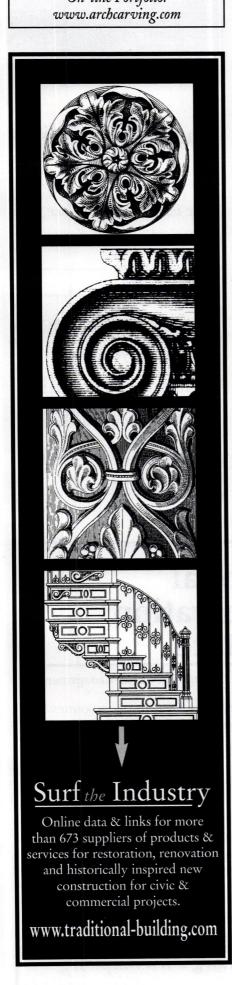
Contact Dorian Henao at 718-636-0788, ext. 39. Or e-mail: dhenao@restoremedia.com.

To register, edit, or upgrade your TRADWEB Services Directory listing, log onto

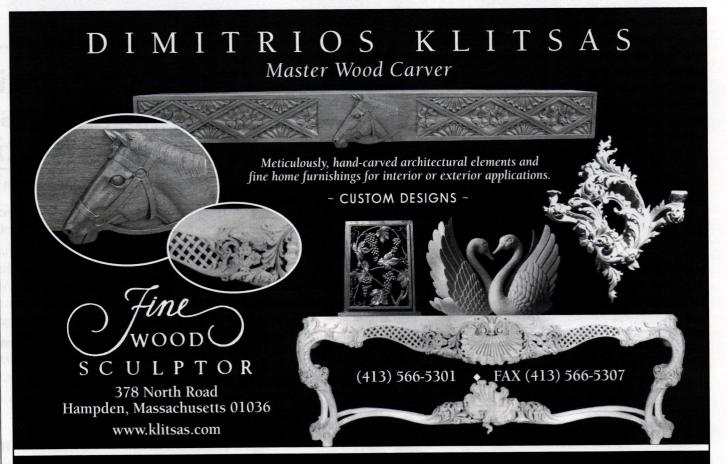
www.tradwebdirectory.com



Michael A. Dow Architectural Woodcarving 29 Pudding Lane York, Maine 03909 Phone/Fax 207-363-7924 madow@maine.rr.com On-line Portfolio:







**WRITE IN NO. 7380** 



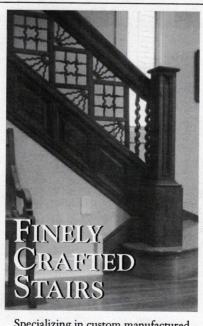


www. traditional-building .com

The internet marketplace for historical products & services

When contacting companies you've seen in the issue, please tell them you saw their listing in Traditional Building.





Specializing in custom manufactured circular, straight and spiral stairs.
Contemporary and traditional styles.
Historic reproduction.

DAMS stair Works

1083 South Corporate Circle, Suite A Grayslake, IL 60030 847.223.1177 fax 847.223.1188 www.adamsstar.com

WRITE IN NO. 610

#### SORRY! WE DON'T STOCK.

Your project can be custom and cost-effective!

• Custom & Reproduction Wood Turning • Fluted, Spiral & Roped Designs • CNC Routing



280 Brubaker Drive New Carlisle, OH 45344 937-845-0211 Fax: 937-845-0230

WRITE IN NO. 1122



WRITE IN NO. 821



#### National Preservation Institute

Seminars in Historic Preservation & Cultural Resource Management

Professional training for those involved in the management, preservation, and stewardship of our cultural heritage.

- CRM Basics: Archaeological Curation; Cemetery Preservation; GIS: Practical Applications for Cultural Resource Projects; Historic Landscapes; Identification and Evaluation of Mid-20th-Century Buildings; NEPA Compliance; Photodocumentation of Cultural Resources; Section 4(f) Compliance for Transportation Projects; Section 106: An Introduction
- Historic Property Management: Accessibility; Green Strategies for Historic Buildings; Historic Property Management; Historic Structures Reports; Preservation Maintenance; Secretary of the Interior's Standards
- Plus more! Please contact us for a seminar schedule or go to www.npi.org.

P.O. Box 1702. Alexandria. Virginia 22313 703.765.0100 • info@npi.org • www.npi.org

#### **BORA-CARE**

#### Protects Wood from Insects and Fungi

LOW TOXICITY FOR PEOPLE, ANIMALS AND THE ENVIRONMENT



Penetrates into logs & timbers for deep protection

- ◆ Kills wood boring insects and decay fungi
  - Easy, water soluble application
    - Repels Termites

BORA-CARE CONTROLS
Termites
Decay Fungi
Carpenter Ants
Wood Boring Beetles

Environmentally Friendly
Safe Near Wells or Cisterns
Colorless - Odorless
Easy - Convenient
Cost Effective
Compatible with Finishes

Preservation Resource Group

800-774-7891

www.PRGinc.com

WRITE IN NO. 3030





WRITE IN NO. 1061

www.traditional-building.com

#### POXYWOOD®

(super putty wood paste)

—A fill that will stay put!—
Advanced wetting agents LOCK into repaired wood!!!

- NON SHRINKING
- PROVEN by manufacturers for over 35 YEARS!
- Formulated specifically for WOOD!
- MOLDS like conventional putty!
- WEATHERPROOF
- Works EASY. FAST setting. SMOOTH texture.
- STAINS, and FINISHES like wood
- · Can be sawed, planed, drilled & sanded
- Natural soft light reflections LIKE WOOD (no "shiners")!
- Available (with hardener) in 2 lb. cans!
- Stainable/Paintable UNIVERSAL COLOR!
  - <u>2 LB. TRIAL KIT</u> DELIVERED FOR \$39 PPD or COD (add \$7 for COD) Sorry, no credit cards

The cost of the Trial Kit will be CREDITED to your first case lot order!

"Poxywood® for EVERYWOOD PRODUCT"!

#### PO Box 4231

Martinsville, VA 24115-4231 Phone: 276/638-6284 Fax: 276/638-8950 poxywood@yahoo.com>

Mail ad within 30 days with \$29 for Complete TRIAL KIT: Save \$10!

WRITE IN NO. 1666









## SUPERIOR MOULDING INC

Looking for something new?

Come visit our showroom for new ideas!
We specialize in a full line of mouldings
and quality finish materials including
corbels, stair parts, doors, windows,
mantels, appliques and carvings.

We can add beauty and elegance to your home at affordable prices!



5953 Sepulveda Boulevard, Van Nuys, CA 91411 818-376-1415 Fax 818-376-1314 www.superiormoulding.com



#### Contradictions

James Marston Fitch: Selected Writings
Edited by Martica Sawin
W. W. Norton & Company, New York, NY, 2007
304 pp., paperback, 30 b&w illus, \$27.95
ISBN 978-0-393-73229-0

Reviewed by Steven W. Semes

ames Marston Fitch (1909-2000) was undoubtedly one of the leading figures in American architectural education and historic preservation of the last half century. Author of American Building: The Historical Forces that Shaped It (1948, with subsequent revised editions) and Historic Preservation: Curatorial Management of the Built World (1982, reissued 1990), he also contributed regularly to Architectural Forum and other publications. He founded (with Charles Peterson) the nation's first graduate training program in historic preservation at Columbia University in 1964 and, following his retirement from academic life in 1979, was a partner in the New York firm of Beyer Blinder Belle Architects and Planners, where he led such important projects as the restoration of Ellis Island.

Perhaps most importantly, Fitch was an early advocate of environmentalism in architecture, promoting what we now call sustainability long before virtually anyone else. The present volume, edited by Fitch's widow, art historian and critic Martica Sawin, is a welcome resource for the study of Fitch's wideranging contributions to architecture and preservation.

A leader in these fields, we also find in Fitch's long and active career evidence of the contradictions that have become increasingly evident in contemporary discussions of these subjects. As Carroll William Westfall pointed out in this magazine ("What are the Preservationists Preserving?", July/August 2004), preservation as a discipline is a Modernist enterprise and therefore raises the issue of determining appropriate treatments of historic fabric from within a cultural perspective that defines itself in opposition to the very historic traditions and formal languages that produced the buildings placed in the preservationist's hands. Fitch's views, as expressed by his miscellaneous writings from the period 1931 to 1997 collected in this volume, are paradoxical in exactly this sense, but their contradictions also illuminate for us the diverse strata in contemporary debates about architecture and preservation.

Fitch, a scholar of American architectural history, a leading academic and an eminent professional preservationist, promoted Modernist architecture and

"In summary, Fitch was an advocate for historic architecture who attacked its present-day revival and a defender of Modernist architecture who railed against its logical consequences."

vehemently attacked those who sought to recover historical styles as a basis for contemporary practice. His support for the Modernist aesthetic in design – he published a monograph on Walter Gropius in 1960 – was tempered by his protests against anti-urban redevelopment schemes and his bold criticism of what he saw as the excessive abstraction of Modernist architecture and its insensitivity to climate and energy conservation. In summary, Fitch was an advocate for historic architecture who attacked its present-day revival and a defender of Modernist architecture who railed against its logical consequences.

As an historian, Fitch tended to repeat the clichés of Siegfried Giedion and Niklaus Pevsner, celebrating technical innovations but dismissing traditional formal languages and building cultures. His 1947 essay, "The Palace, the Bridge, and the Tower," discusses Joseph Paxton's 1851 Crystal Palace, John Augustus Roebling's 1869 Brooklyn Bridge and Gustave Eiffel's 1876 tower in Paris. In it Fitch applauds the engineers' innovations but sees resistance to them or their modest incorporation into architectural projects as evidence of the obliviousness and irrelevance of 19th-century eclecticism – the same architecture Fitch would spend much of his career trying to save from demolition.

Later essays describe Mount Vernon, Monticello and the Lawn of the University of Virginia, conjuring up vivid images of what life might have been like in late-18th and early-19th-century Virginia. His main interest lies in the material and pragmatic considerations – the social and technological choreography – that drove the planning for these ensembles and, as informative as his accounts are, they say little about why the buildings *look* the way they do. Throughout his writings, in fact, one has the impression that what a building looks like is simply of no interest to Fitch. He takes pains to insist on the *Modernity* of Jefferson, meaning his attention to functional requirements, ignoring the profound grasp

the Virginian had of the Classical tradition and its iconographic as well as ideological resonance for the new Republic. While Fitch admits Jefferson saw architecture not just as a utilitarian necessity but as a civilizing force, he neglects to describe the content of that civilizing vision and why the Classical orders, for example, were for Jefferson an inseparable element of its expression.

His treatment of the history of Modernism also reflects his architectural iconoclasm. In an essay on Mies van der Rohe, Fitch applauds the "shattering power and purity" of the Barcelona pavilion, "unpolluted by any connotation of a discredited feudal past...freed of decadent motifs and moldy symbols." His significant criticism of Mies focuses on the "contradiction between the real and the ideal," specifically the uninhabitability of the Farnsworth House, given its inoperable fenestration of plate glass and absence of protection from solar gain. What Fitch does not do is draw the obvious conclusion that an architecture of flowing space and abstract planes can only accommodate so much "reality."

In a 1966 essay revisiting and celebrating both the ideals of the Bauhaus school at Dessau and Gropius' buildings for it Fitch insists that the problems of the present day "stem from our having completely abandoned the broad lines of theoretical development that the Bauhaus projected." This allegiance to Modernist orthodoxy comes full circle in "Murder at the Modern," a 1997 essay in which he condemns the Museum of Modern Art for publishing Robert Venturi's Complexity and Contradiction in Architecture in 1966, and then producing in 1977 the exhibition and book, The Architecture of the Ecole des Beaux-Arts. For Fitch, the cardinal sin of Venturi was his attention to "a pictorial architecture with no interest in or knowledge of the functional and environmental aspects of the buildings he was praising or condemning."

Whatever one thinks of Venturi as an architect or scholar, this accusation is patently unfair. Fitch accuses Arthur Drexler, the curator of the Beaux-Arts show and editor of the companion book, with the "discreditation of modernism and its replacement by a kind of eclectic ornamentalism" that ignores "the symbiotic connection between new form and new function." Here again Fitch's anger overcomes his judgment. A committed functionalist to the end, Fitch consistently sees architecture in terms of "firmness" and "commodity" but has no place for any "delight" that is not simply the logical and unadorned expression of the other two.

Fitch declared that proponents of the recovery of historical styles have forgotten the "freedom and esthetic action which the [Modernist] revolution has given them" and no longer understand "what it was like to have been an architect under the dictatorship of fin-de-siecle eclecticism." While considered worthy of preservation, he puts down the traditional architecture of the 19th-century as a "waxwork museum" and a "prison house of antique gesture." These statements, reminiscent of the tirades of Giedion and Pevsner, are shocking coming from a leading figure in historic preservation who devoted his career to protecting the very cultural resources he seems to disdain. We know now that the eclecticism of the 19th- and early-20th centuries was anything but a dictatorship and I needn't detail for readers of this publication the extent of the

"freedom" that orthodox Modernism has extended to traditional architects and urbanists over the last several decades. Would this review even be published in a mainstream architectural journal?

So how does Fitch's ideological commitment to Modernism affect his views of historic preservation? For Fitch, it is simply "the curatorial management of the built world." Now if that sounds a bit scary you're in good company. The role of the curator is to evaluate works in a collection and make

decisions about their proper care – but if the collection is *the entire built world*, what then? Does the preservationist assume authority over everything? Fitch further declares "the equal cultural importance of all styles of buildings, folkloristic and vernacular as well as monumental and high style…extending from pre-Columbian dwelling sites to significant skyscrapers."

If all the styles of the world are subject to preservation, and they are all of "equal cultural importance," they are all deserving of perpetual maintenance and restoration – a laundromat as much as the Parthenon. The radical relativism of this view is as breathtaking as its geographical and temporal scope, but Fitch appears not to have squared this relativism with his harsh denunciation of "eclecticism" and the ornamental trappings of "feudalism" – by which he means almost all 19th and early-20th-century architecture. But even the houses of former aristocrats, surely, are no less aspects of the "built world" than the Bauhaus itself, and therefore equally deserving of our attention? Fitch refuses to make judgments about quality except to give preference to what he regarded as an anti-elitist architectural taste.

In truth, the contradiction between passionate preservation advocacy and intellectual commitment to the orthodoxy of Modernism is not Fitch's alone. We might compare it to the massive preservation programs of the post-war Communist states that lavished attention on the palaces and churches of the liquidated former ruling classes, turning them into museums but surrounding them with grim versions of Le Corbusier's Radiant City for the newly liberated working class. This is not an idle comparison, given Fitch's lifelong commitment to the orthodox left – referred to a bit coyly as an interest in "dialectical materialism" in Ms. Sawin's biographical essay. But this attitude was also widespread among the new class of professional preservationists that came to the

fore after the Second World War, who saw no contradiction between supporting the goals and techniques of Modernism while working for the preservation of historical buildings and districts. They, like Le Corbusier in his 1925 proposal to demolish virtually all of the center of Paris except for a handful of isolated monuments, sought to preserve surviving fragments of historic architecture in the name of "history" but without according to them any relevance to the problems of contemporary design.

An unspoken truce of sorts seems to have been brokered between the professional elite of preservation and the Modernist architectural establishment from the 1970s onward, as each agreed not to interfere with the core interests and activities of the other. This "gentleman's agreement" did not go unnoticed by the lay preservationists and grass-roots activists, whose motivation was primarily their love of old buildings. Fitch, in a late reflective essay recalling the history of American preservation, noted the gradually emerging conflict between the lay and professional classes:

"(The) lay membership has been cool if not actively hostile to its new allies from the professions, a distrust which undoubtedly sprang from the fact that the preservationists have all too often seen architects, engineers, and planners as the principal spokesmen for the very forces of self-styled 'progress' which threatened the historic structures in their communities which they were fighting to preserve."

Fitch seems not to recognize just how well-founded this lay skepticism was and claims that the tension "has tended to abate somewhat in recent years," an assertion exactly contrary to the case. He goes on to admit that it was the lay preservationists "who must be credited with a radical change in the climate of American opinion towards historic buildings and, indeed, toward the past itself." Perhaps Fitch would agree that the lay public understood the issues better than the professionals, but this split has only increased in recent years as the lay public becomes increasingly concerned about the way some preservation commissions have promoted aggressive contemporary designs within their historic districts.

Fitch, however, would probably have had little sympathy with this concern; he saw no contradiction in preserving the products of period-revival design while denouncing the architectural culture which produced them:

"The one represented the architectural profession's reliance upon the routine use of historic styles in the day-to-day design of new buildings. The other represented the antiquarian's ambition to save actual old buildings for their artistic and/or historic merit. Although the end products of these two movements might often appear superficially similar, they were basically as different as originals and copies always are."

Fitch was clearly mistaken in this view since, especially in the 1920s, the preservers and the "eclectics" were in many instances the same people, and the aim of eclecticism is certainly not to produce "copies," but to say new things in the old language. He vehemently denied any logical connection between the act of preserving old buildings and the desire to design new ones with similar qualities. But why should people devote so many resources to the preservation of architecture that they no longer believe in? On the other hand, if one values historic urbanism and traditional buildings, why would one actively discourage attempts to build more of what one values in favor of experimental models that frequently result in failure?

Like Fitch himself, the preservation architect today is typically torn between an intellectual commitment to the Modernist program and an emotional affinity for historical architecture. In a candid 1933 article entitled "The Houses We Live In: An Anonymous Lament," Fitch wrote that he was "emotionally satisfied" by the delight of his period-style designs, while "intellectually convinced of their absurdity." This conflict between the head and the heart is one Fitch shared with Carlo Scarpa, for example, and is still commonplace today. It is also unnecessary, since to resolve it one would only have to recognize the rational basis of most traditional architecture and the fundamental Romanticism of Modernist design. But for many Modernist architects, this dichotomy remains irresolvable and perpetuates their "love-hate" relationship with the architectural heritage they are charged with preserving. Add to this a widespread belief in the Hegelian concept of the zeitgeist - the "spirit of the age" and its call for an "architecture of our time" bearing little resemblance to traditional design – and you have the primary motivation for the opposition of mainstream preservationists to additions to historic structures and districts designed in historical styles.

This paradox extends to the arena of education. Preservation architects, as Fitch observed, have not as a rule been trained in the design traditions that produced the buildings entrusted to them. They study architectural history and can identify the various period styles, but they don't learn how to design in the styles themselves. Few preservation architects can draw any of the five orders of Classical architecture and many would not know the difference between an architrave and an antefix. So why do we place responsibility for decisions regarding the preservation and restoration of historic buildings and their surroundings in the hands of persons untrained in the formal language of traditional architecture? Even if they sought it out, where would they find this training when most schools of architecture no longer teach this material? Fitch himself knew the Classical, having begun his career as a designer of periodrevival houses in the early 1930s, and the Classical orders were taught briefly during the 1980s at Columbia University (to historians and preservationists,

not to architects!); but the gap between the technical and the aesthetic understanding of the typical preservation architect has only continued to grow.

Fitch, to his credit and decades ahead of most of the architectural profession, saw cultural conservation of the built world as an extension of natural resource conservation – preservation as a species of environmentalism. An early student of climatology and the ways buildings facilitate or inhibit comfort by natural means, he called attention to the relationship between preservation and energy conservation as early as the 1940s, noting that "the whole concept of technological obsolescence is…based on miscalculations of the availability of energy." No pre-industrial society could afford to throw away its old clothes, let alone buildings and entire urban neighborhoods. Recycling and adapting buildings to new uses, often multiple times, has been the rule throughout history.

As Quinlan Terry has observed, "real sustainability is a four-hundred-year-old building still in active use." Fitch saw the destruction of old buildings as another aspect of the American culture of waste, along with suburban sprawl and the cult of the automobile. What he did not see was the role of the Modern-ist program in driving the destructive effects he fought, or the inherent difficulty of developing a genuinely sustainable Modernist architecture in the face of its infatuation with the imagery of industrialism.

Fitch also argued for the "moral and psychic nourishment" provided by historic places, but viewed it in anthropological and social rather than aesthetic terms. Beauty appears not to have been an issue for Fitch, but political correctness was. He quite reasonably argued for the preservation of ordinary environments, not just elite and monumental sites, underscoring the importance of a sense of belonging and community.

Then at one point he declares that historic neighborhoods "should be restored for their original populations and not for a new population which has historically no right to be there in the first place." While he clearly meant this as a critique of gentrification, he inadvertently opened up a demographic can of worms. The idea that people have to prove they have a "historical right" to live where they do is disturbing, to say the least, and betrays an underlying authoritarian streak in Fitch's thinking.

Fitch's exclusive focus on the "functional" – that is to say the material, technical and programmatic aspects of a building's design and use – often blinded him to the semi-independence of form from these other equally important contributors. The longevity of buildings suggests that they will accommodate many populations and functions during their useful lives and take on a variety of meanings over time. Lacking a theory of formal language, he cannot account for the visual appearance of historic architecture or its attractiveness to people over the long term except to the extent it expresses impersonal historical or environmental forces over which people have no control. Dialectical materialism, it seems, is not a fruitful basis on which to make aesthetic judgments.

Fitch was, like his friend Jane Jacobs – who penned a brief forward to this book of essays – an ardent foe of insensitive urban redevelopment schemes. But here again he confidently strides into the midst of contradiction. Like fellow critics Lewis Mumford and Ada Louise Huxtable, Fitch embraced Modernist design for individual buildings (as well as for furnishings, decorative arts and all the technological gadgets that soon filled homes and workplaces throughout the modern world) but looked with dismay upon many of the effects of Modernist interventions in existing cities.

Fitch joined Jacobs' campaign against the Robert Moses proposal for the Lower Manhattan Expressway, a step in Moses' project of turning New York into an American version of Le Corbusier's Radiant City. Fitch and his fellow critics railed against the apparent cooptation of Modernism by unaccountable political and corporate interests and their determination to level large segments of the SoHo and TriBeCa districts, now home to some of New York City's most expensive residential real estate. And yet, unlike Jacobs, neither Fitch nor his colleagues Mumford and Huxtable seem to have acknowledged the extent to which the harms they protested were the direct consequences of the Modern Movement's architectural ideals, which they embraced. None of these critics explained how architectural style and urbanism could be separated without invalidating the whole Modernist enterprise.

Selected Writings is a welcome compilation of the thoughts of this important figure in preservation, but it is also immensely irritating. While Fitch was prescient in many of his criticisms of Modernism, he seems not to have drawn the conclusions that his criticisms logically suggest. It is left to readers of these essays to draw these conclusions, to reject historical and material determinism of all kinds, and put into practice a conservation ethic that embraces the historic built world not as an artifact to be "curated" by museum conservators, but as the free artistic product of ongoing traditions committed to wholeness and continuity in the urban environment. The

Steven W. Semes, a practicing architect, holds the Francis and Kathleen Rooney Chair in Architecture at the University of Notre Dame. He is a Fellow of the Institute of Classical Architecture & Classical America and the author of The Architecture of the Classical Interior (W.W. Norton & Co., 2004). His book, The Future of the Past: A Conservation Ethic for Architecture, Urbanism, and Historic Preservation, is in preparation. He was a participant in the Traditional Building Roundtable, "Raising Standards," in the February issue.

## Constructing Justice

Celebrating the Courthouse: A Guide for Architects, Their Clients, and the Public

Edited by Steven Flanders
W.W. Norton & Company, New York, NY; 2006
240 pp; hardcover; 20 color and 200 b&w illustrations.; \$60
ISBN 978-0-393-73070-8

Reviewed by Nicole V. Gagné

uthor Steven Flanders was clearly the ideal choice to edit Celebrating the Courthouse: A Guide for Architects, Their Clients, and the Public. A respected writer on judicial administration in the United States, Flanders was also the co-editor of Cass Gilbert: Life and Work (W.W. Norton, 2001), which examined the career of the architect who designed the Supreme Court building in Washington, DC, and the Woolworth Building in New York City. For his new study, Flanders has gathered contributions from an impressive array of experts in the fields of both American legal practice and the architecture of courthouses. Whether viewed as a history, a philosophical text, or even a how-to guide, this book is an unqualified success.

Celebrating the Courthouse is divided into four main sections that cover the areas of principle concern in courthouse design and usage. Part One, "Placing the Courthouse in Its Community and History," begins with a valuable overview from architectural historian William Seale that traces the evolution of American courthouses as a distinct, vernacular architectural genre. Seale notes how even the simple "boxes, cubes, or rectangles" of late-18th and early-19th-century courthouse design managed to distinguish themselves from other box-shaped buildings through their reliance upon an isolated site as well as their inclusion of an all-important cupola, "announcing the official purpose of the building and, more abstractly, the overall power and security of life brought by the law."

This literalizing of philosophical meaning through architecture became an increasingly important consideration in the elaborate buildings of the late-19th and 20th centuries, and has continued to dominate design schemes – an approach described by architect Frank Greene in the second essay in Part One, which documents Modernist approaches in recent courthouses. Along with ADA accessibility and urban siting, Greene emphasizes the role of "transparency," with glass walls serving as "a defining metaphor of a critical need in gaining public trust in the judicial system."

Part Two, "Solving the Distinctive Problems of a Courthouse Project," provides a survey of geometric themes in courthouse design by architects Jordan Gruzen, Cathy Daskalakis and Peter Krasnow. Their account covers such familiar patterns as the centralized four-courtroom layout (popular for small courthouses) and the open-ended, expandable linear approach that features floor plates with multiple courtrooms, along with radial and clustered designs and other innovations.



Completed in 1902, the Dallas County Courthouse in Adel, IA, is an impressive blend of Victorian and Beaux-Arts themes. The complex, multi-faceted design of the traditional Victorian courthouse is here adapted to the French Beaux-Arts chateau style, with its towers and smooth planes. Only in the tower block does the structure celebrate Victorian ornamentation. Note the crowning cupola, a defining design feature of American courthouses since the late-18th century.



Architect James Knox Taylor brought, in the words of lawyer and writer George A. Davidson, "a riot of decoration" to this 1905 trial courtroom, which today is Courtroom No. 1 of the United States Court of Appeals for the Ninth Circuit in San Francisco, CA. Italian craftspersons constructed the courtroom with white Pavonazzo marble walls, mosaic murals, and a heavily ornamented plaster ceiling, complete with skylights. "The room is literally irreplaceable," Davidson says. "To its eternal credit, the federal government restored the courthouse, at great expense, following heavy damage in a 1989 earthquake."

Architect Andrea Leers contributes to this section a thoughtful examination of the interdependence of courthouse design and urban setting. She explores a spectrum of possibilities, with the courthouse serving as a unifier of an unfinished city-scape; as infill for more inflexible urban layouts; as an adaptation to a dominant site feature such as a waterfront or highway; and as a vitalizing addition to a marginalized city district. Architect Paul Spencer Byard concludes Part Two with an overview of changing concepts of justice in the 19th and 20th centuries and their impact upon architectural design. His essay pays special tribute to two imaginative structures: H.H. Richardson's Romanesque Revival Allegheny County Courthouse (1888) in Pittsburgh, PA, with its arched bridge that copies the famed Venetian Bridge of Sighs and connects the back of the courthouse to the jailhouse across the street; and Pei Cobb Freed's Boston Federal Courthouse (1998), which not just overlooks Boston Harbor but also embraces it with its monumental pair of brick wings set at a right angle.

In Part Three, "The Courthouse, Its Politics and Its Users," U.S. District Court Judge Douglas P. Woodlock provides an essential account of how the architecture of

courthouses in the past was derived from the design of their courtrooms. Judge Woodlock also describes the current proliferation of courtrooms (and all their ancillary support spaces) within a single building, which has blunted the traditional effect of celebrating the public's entry into a ceremonial arena of justice. The theme of his article is expanded by lawyer George A. Davidson, who offers a down-to-earth examination of fundamental considerations in courtroom design, such as size, sightlines, traffic circulation and supporting facilities (including storage and cafeterias), all of which define the functionality of the entire courthouse. Editor Steven Flanders also lends to this section his own guidelines for how the full design team of a courthouse can work together to unify the numerous considerations that their specialized tasks require.

The complex demands of 21st-century jurisprudence are the focus of Part Four, "The Future of the Courthouse." Fredric I. Lederer, chancellor professor of law at the College of William and Mary, describes the ever-expanding role of technology in the contemporary courtroom, from audiovisual devices for displaying evidence and speech-recognition computers that aid the transcription of testimonies to the incorporation of television cameras and microphones to document proceedings. Architect Todd S. Phillips closes this section by analyzing the failure of many older courthouses to adapt to the growing demands placed on them and offering new possibilities for the future evolution of courthouse design.

Steven Flanders' choice of a subtitle for *Celebrating the Courthouse* was most apt. He has indeed contributed an indispensable guidebook, not just for architects and judicial agencies, but also for anyone fascinated by the design choices and the philosophies of law that have shaped the construction of these essential buildings. **TB** 

## Father Figures

Dr. Kimball and Mr. Jefferson: Rediscovering the Founding Fathers of American Architecture

By Hugh Howard Bloomsbury USA, New York, NY; 2006 320 pp; hardcover; \$25.95 ISBN 1-58234-455-8

Reviewed by Will Holloway

n April 1914, a 25-year-old graduate student at the University of Michigan named Fiske Kimball sat in a reading room at the Massachusetts Historical Society surrounded by piles of water-damaged drawings. Kimball had come to Boston following a hunch; in researching what would become A History of Architecture (1918), he had begun to theorize that Thomas Jefferson's impact on American architecture was not fully understood. His recognition of Jefferson's hand in those hundreds of drawings would lead to the publication of Thomas Jefferson, Architect (1916), which established the third president's reputation as a designer. As a result of Kimball's scholarship, as Hugh Howard asserts in his new book, Dr. Kimball and Mr. Jefferson, "...it is now regarded as received wisdom that Jefferson, as Kimball asserted, 'may truly be called the father of our national architecture."

Thomas Jefferson, Architect, was published precisely nine decades after Jefferson's death. With Dr. Kimball and Mr. Jefferson, Howard presents Kimball as the father of architectural history precisely nine decades after Kimball presented Jefferson as the father of American architecture. "Kimball transformed himself into America's first true restoration architect and his research initiated a new academic discipline," Howard writes. "The formal study of architectural history didn't exist in the United States until he came along and began to shape it."

'Dr. Kimball and Mr. Jefferson is not just the story of Kimball's research, Jefferson's architectural pursuits, Monticello, the Virginia Capitol and the University of Virginia. It is also the story of birth, infancy and maturation of American architecture...."

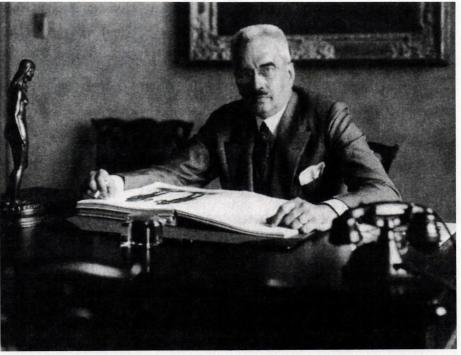
Indeed, without Kimball, it is conceivable that Jefferson's influence would still not be fully accounted for. As Howard states, Kimball's instinct ran counter to the prevailing attitude toward Jefferson in the early-20th century. "Since Jefferson's death in 1826," he writes, "his architectural accomplishments had grown more obscure by the year. As early as 1834, the plan and overall appearance of Monticello had been attributed to another designer by America's pioneer art historian, William Dunlap, in his two-volume History of the Rise and Progress of the Arts of Design in the United States."

In fact, Jefferson's thinking of Monticello was directly influenced by a building that took shape before his eyes in Paris, where, in his capacity as Minister to France (1784-89) he was exposed to the latest European building trends. "Construction at the Hôtel de Salm had been well under way when Jefferson arrived in Paris in 1784, and the building was completed during his tenure as minister," Howard writes. "He watched it progress from a terrace overlooking the Seine....When he began the renovation [of Monticello] in 1796, he ordered that all walls above the ground story be demolished, in order to mimic the one-story appearance of the Hôtel de Salm."

As Howard puts it, before Jefferson, there were builders; after Jefferson, there were architects. Jefferson himself, in *Notes on the State of Virginia* (1787), wrote:

The private buildings are very rarely constructed of stone or brick; much the greater portion being of scantling and boards, plastered with lime. It is impossible to devise things more ugly, uncomfortable, and happily more perishable .... A workman could scarcely be found here capable of drawings an order .... The first principles of the art are unknown, and there exists scarcely a model among us sufficiently chaste to give us an idea of them.

Howard points to Jefferson's years in France – and his travels in England, Germany and Italy – as crucial to the shift in America from builders to architects.



With the aid of the Massachusetts Historical Society, Fiske Kimball uncovered a "treasure trove" of Thomas Jefferson's architectural drawings; with the publication of *Thomas Jefferson, Architect* (1916), Kimball, pictured in 1937 in his capacity as director of the Philadelphia Museum of Art, re-established Jefferson's reputation as an influential designer.

"Before his sojourn in Paris, American builders rarely if ever worked from detailed plans," he writes. "Instead, masons and carpenters, typically having agreed on the basis of a single sheet, just went ahead and built. But Jefferson's Paris years proved a fulcrum in American architectural practices as he helped initiate a major transformation – the plans he sent home for the Virginia Capitol in a tin box may well have been the first complete set of working plans ever prepared for an American building."

But Dr. Kimball and Mr. Jefferson is not just the story of Kimball's research, Jefferson's architectural pursuits, Monticello, the Virginia Capitol and the University of Virginia. It is also the story of birth, infancy and maturation of

American architecture, from the early builders and European-born architects who influenced Jefferson to the later architects who were in turn influenced by him. Yet it is not a dry history lesson – it reads almost as a dramatic account, with a list of players that includes William Buckland, the English carver/joiner who came to America in 1755 and later designed the Hammond House, which Jefferson discovered and was

profoundly influenced by when he traveled to Annapolis, MD, in 1783 for a session of the Continental Congress; Charles-Louis Clérisseau, the Parisian artist who collaborated with Jefferson on the design of the Virginia Capitol; and Pierre Charles L'Enfant, Charles Bulfinch, James Hoban, Benjamin Henry Latrobe, and Robert Mills, who "with Jefferson, Hoban, Bulfinch, and Latrobe as his tutors, would lay claim to 'the honor of being the first native American who directed his studies to architecture as a profession."

Through its 263 pages, *Dr. Kimball and Mr. Jefferson*'s alternating acts tie together the events of disparate times and places that, when cobbled together, create a fascinating account of the roots of uniquely American architecture. The book is divided into seven chapters – from Buckland's arrival in America to Jefferson's time in France, the design of Washington, DC, Latrobe's arrival in America, the ongoing construction of Monticello and Bulfinch's designs in Boston – each interspersed with accounts of Kimball's research in the 20th century. The appendices include a glossary of architectural terms and biographical notes that provide helpful additional information on many of the characters.

And those drawings that got it all started? They had been kept in the attic of Edgehill, the Charlottesville, VA, estate of Thomas Jefferson Randolph – Jefferson's grandson – for decades and were taken to Boston in 1911 by T. Jefferson Coolidge, Jefferson's great-great grandson. When Coolidge died suddenly the next year, his widow donated the drawings to the Massachusetts Historical Society.

Dr. Kimball and Mr. Jefferson is replete with many such enlightening gems that, in the spirit of Kimball, help to illuminate Jefferson's standing as the father of American architecture. Maybe the quotation that opens Chapter Two, spoken by Francois Jean de Beauvoir, the future Marquis de Chastellux, in 1782, says it best: "Mr. Jefferson is the first American who has consulted the Fine Arts to know how he should shelter himself from the weather." Thanks to Kimball, that first American architect was discovered. Thanks to Howard, the story of that discovery has been expertly told. **B** 

# A 2007 Arthur Ross A Wall Control Solve of the solve of

he Institute of Classical Architecture & Classical America (ICA&CA) has announced six winners of the 2007 Arthur Ross Awards for excellence in the Classical tradition. They were formally introduced at the annual dinner and ceremony on May 7 at the University Club in New York City.

More than 150 nominations were submitted for the 26th annual award program. The jury was chaired by Bunny Williams, designer and founder of Bunny Williams, Inc., of New York City. Other jurors included David Esterly, woodcarver and artist; Dominique Browning, journalist and author; Marc Appleton, architect; Anne Fairfax, architect and chairman of the ICA&CA; Carolyn S. Brody, city planner; Jeffrey L. Davis, founder of Chadsworth Columns, and Elizabeth Gerschel, author and philanthropist. Architect Phillip Dodd was the jury coordinator. The chairs of this year's Arthur Ross Awards were Bill and Deborah Harrison of Atlanta, GA. A co-founder of the Institute's Southeast

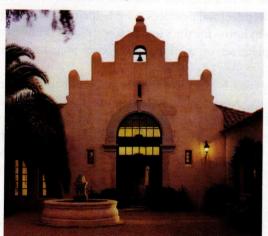
chapter, Bill is the founder and president of Harrison Design Associates of Atlanta and Santa Barbara, CA.

The Arthur Ross Awards program encompasses 11 categories: architecture, artisanship, community design, education, history and publishing, landscape design, mural painting, patronage, rendering, sculpture and stewardship. This year the jury selected winners in five categories, plus a special award. They were: Michael G. Imber Architects for architecture; The Rambusch Company for artisanship; Peter Hodson for education; Acanthus Press for publishing; the World Monuments Fund for stewardship; and Robert A.M. Stern for his ongoing and far-reaching contributions to architecture, education and publishing.

"The jury had the privilege of discovering the work of a highly competitive, nationwide field of varied yet always accomplished practitioners, scholars, artists and many of those are at the frontlines of sustaining the Classical tradition today," says Williams.

#### ARCHITECTURE: Michael G. Imber Architects, PLLC, San Antonio, TX

After apprenticing with various firms, including Allan Greenberg, Architect, LLC, in Washington, DC, Michael Imber returned to his native Texas in 1992. His nationally recognized practice is known for its expertise in traditional architecture,



preservation and landscape design, and for the use of the languages of regional architecture. His work focuses on country houses and ranches in Texas, Colorado and California as well as on neighborhood design, civic buildings and churches.

Built as a ranch headquarters and hunting lodge, the Rancho dos Vidas compound in Pearsall, TX, was designed by Michael G. Imber.

#### ARTISANSHIP: The Rambusch Company, Jersey City, NJ

Designers, artisans and engineers from the The Rambusch Company have used their skills to enhance, decorate and preserve both secular and religious buildings since 1898. The fourth-generation family-run company has worked on projects such as Bertram Goodhue's St. Vincent Ferrer Church in New York City, the Sage Chapel at Cornell University and the restoration of the Tiffany windows at Columbia University in New York City.



Designed and created by Rambusch, the Fire Fighters Memorial, a sand-cast solid-bronze bas relief, is a tribute to the men and women of the New York City Fire Department who responded to the events of 9/11.

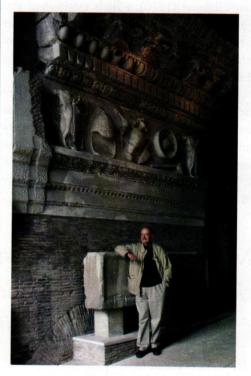
#### PUBLISHING: Acanthus Press, New York, NY

Books on architecture and design often overlooked by others are published by Acanthus Press. These books offer a combination of biographical information on architects, designers and their patrons, along with studies of their work, inspiration,



The two-volume boxed set on Carrere & Hastings, is part of The American Architect series published by Acanthus Press.

execution and aesthetic impact. Topics ranging from Jansen furniture to Belle Epoque gardens to Art Deco skyscrapers have been published by Acanthus. The Urban and Suburban Domestic Architecture series, *The Architecture of Leisure, The American Architect* and 20th Century Decorators are a few of Acanthus' highly regarded publications.



#### EDUCATION: Peter Hodson, Portsmouth, United Kingdom

Professor Hodson has been teaching the Classical orders at England's Portsmouth School of Architecture for more than 30 years, during a time when the language has been virtually abandoned by most other architecture schools. His courses on the history of Western architecture and the Classical language of design are well known, as are his projects at the Prince's Foundation at the Royal College of Art and a summer program in Richmond, VA. He also worked on the Robert Chitham book, The Classical Orders of Architecture.

For more than 30 years, Peter Hodson has been teaching the Classical Orders at the Portsmouth School of Architecture in England.

#### STEWARDSHIP: World Monuments Fund, New York, NY

Since 1965, the WMF and its five overseas affiliates have stemmed the loss of historic structures at more than 450 sites in more than 80 countries. Some of its success stories include the vast temple complexes at Angkor Wat, the historic center of Mexico City and Nicholas Hawksmoor's St. George's Church in London. The organization's World Monuments Watch List of 100 Most Endangered Sites is well known worldwide.

The World Monuments Fund helped save the Dutch Reformed Church (designed by Alexander Jackson Davis) in Newburgh, NY, by bringing it to the public's attention though its 100 Most Endangered Sites list.



#### BOARD OF DIRECTORS HONOR: Robert A.M. Stern, New York, NY

For the first time, the ICA&CA Board of Directors has given an award outside of the customary Arthur Ross categories. Robert A.M. Stern, founding partner of Robert A.M. Stern Architects of New York, NY, and dean of the Yale School of Architecture, was recognized for his "ongoing and far-reaching contributions in architecture, education and publishing." Stern has also recently published New York 2000: Architecture and Urbanism between the Bicentennial and the Millennium, the final volume of a five-part series.



Robert A.M. Stern was cited for his contributions to architecture, education and publishing. Photo: Robert A. M. Stern Architects

## Henry Hope Reed Award

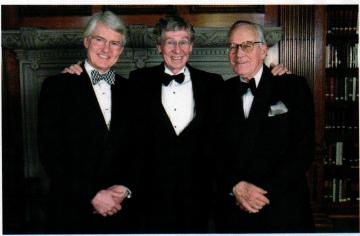
he winner of the third-annual Henry Hope Reed Award is Edward Perry Bass, president of Fine Line, Inc., a private diversified investment and venture capital firm in Fort Worth, TX. Bass has been recognized for his leadership in urban revitalization for the development of Sundance Square, a mixed-use, urban-core district in Fort Worth. In addition, as chairman of Performing Arts Fort Worth, Bass led the development of the Nancy Lee and Perry R. Bass Performance Hall, which opened in 1998.

Considered one of the most successful urban-revitalization efforts in the country, Sundance Square reflects Fort Worth's rich western history. During the late 1800s, as one of the major stops on the legendary Chisholm Trail, it was famous for its saloons, gambling parlors, shooting galleries and dance halls. By the late 1970s, the downtown section of the city had become an area of urban blight.

Bass was instrumental in rebuilding and revitalizing Sundance Square, which now includes more than 375,000 sq. ft. of retail space, more than two million sq. ft. of office space and almost 140,000 sq. ft. of living space. It encompasses 20 adjacent city blocks and another 20 are also slated for development. Every effort was made to preserve as much of the original architecture and historical detail as possible. Where new buildings were added, the mixture of old and new was planned and carefully implemented.

"Ed Bass has shown us what can be done in major metropolitan cities in the United States," says Michael Lykoudis, dean of the University of Notre Dame School of Architecture, which sponsors the award. "His example will be carried over to other places and times."

Established in 2005, the \$25,000 award is named in honor of Henry Hope Reed, who has promoted Classical traditions in architecture by educating the public about the importance of grand buildings for more than 50 years. He is the author of several books, including two recent works, *The New York Public Library: Its Architecture and Decoration* 

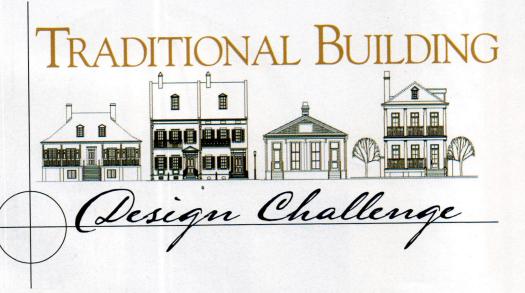


Ed Bass, Richard Driehaus and Jaquelin Robertson (left to right) at the awards dinner in March where Robertson was given the Driehaus Award (see profile, page 10) and Bass received the Henry Hope Reed Award.

and *The United States Capitol: Its Architecture and Decoration*. One of his first books was *The Golden City*, published in 1959. Reed is also the founder of Classical America, which has merged with the Institute of Classical Architecture.

This year's award was presented at a dinner ceremony held in Chicago in March in conjunction with the presentation of the Richard H. Driehaus Prize, which was given to Jaquelin T. Robertson. Other Henry Hope Reed prize winners include Reed himself, who received the initial award in 2005, and David Morton, senior editor at Rizzoli International Publications, who has promoted Classical art and architecture by acquiring and developing titles such as Samuel White's *The Houses of McKim Mead & White* and *Masterpieces of Chicago Architecture* by Jon Zukowsky. **18** 





## **LIVE** Design Competition Targets New Orleans-Style Architecture

Winning Design to be Donated to Katrina Survivor

New Orleans is synonymous with great food, great music and wonderful architecture. From Creole Cottages to Shotgun styles of the 19th century, New Orleans architecture has captured the hearts and imaginations of visitors for hundreds of years.

Working with set parameters, such as lot size, square footage, and style, your task for three days will be to design and **hand-draw** a new "old" house for one of New Orleans' most famous historic districts.

For information please contact: Steven Mickley, The American Institute of Building Design, phone: 800.366.2423, email: steve@aibd.org

Visit www.traditionalbuildingshow.com for more details

Traditional Building Magazine's

# TEACLY/ED CUSTOM BUILDING & RESTORATION SERVICES

The Place
to Find
Local &
Regional
Services for
Traditional
Buildings

These Clients....

Find...

**Property Owners & Facility Managers** 

Context-Sensitive Architects, Contractors, Custom Fabricators, Preservation Professionals, Interior Designers

Architects

Contractors, Sub-Contractors, Custom Fabricators, Preservation Professionals, Skilled Craftspeople

**Contractors** 

Sub-Contractors, Custom Fabricators, Skilled Artisans

**Developers** 

Context-Sensitive Architects, TND Planners, Landscape Architects, Contractors



## {click} www.tradwebdirectory.com

#### 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, log onto
www.tradwebdirectory.com



#### Classicism as a "Liberal" Art

Humanitas, as Cicero understood it, was closely associated with the old Roman virtue of clementia and thus stood in a certain opposition to Roman gravitas.... [I]t was the study of art and literature rather than of philosophy which was supposed to result in "humanity." — Hannah Arendt, "The Crisis in Culture," Between Past and Future

By David Mayernik

BEING COUNTERCULTURAL UNFORTUNATELY CAN often mean being contrary. Classical art and architecture today, so counter to the prevailing tenets of contemporary cultures, naturally gravitate to some form of "conservatism" as an antidote to the dominant worldview, which is rooted in the ideal of the avantgarde – the belief that true art is always at the head of the pack, charting new territory, breaking new ground.

Within the history of the Classical tradition, however, there has typically been a tension between what we might call conservatives and progressives, between those who want to hold onto, even return to, the past, and those who want to use the tools of the past to invent solutions to new problems. I don't believe it is a bias of mine that the latter group was, at least during the Renaissance, the dominant group, indeed the one that gave us the vast majority of the literary and artistic works cherished ever since. In this they were not radical, but in fact quite mainstream within the broader current of what is called humanism.

It was only with the beginning of Neoclassicism in the 18th century, and with all of its consequences in the 19th century, that real artistic conservatism became a dominant cultural force. And it

This would mark a true rejection of Modernism, which thrives on the false polarities of modern/liberal vs. the Classical/conservative.

was in part that conservatism that engendered the radical reaction of the early Modernists (from the Impressionists and Art Nouveau to De Stijl and beyond). The case for a kind of natural conservatism, the inherent dependence on the past of all traditional cultures, never really had to be made before the 19th century: indeed, anything else would have been unthinkable, since the only artistic criteria that mattered was being as *good* – not as different – as possible.

It would seem, then, that to truly be countercultural – to fully recover the dominant, healthy, optimistic character of pre-modern Classical architecture – we again need to tap into its "liberal" side. This would mark a true rejection of Modernism, which thrives on the false polarities of the modern/liberal vs. the Classical/conservative. The culture of Classical humanism provides the firmest foundation for rebuilding a liberal architecture.

In The Culture of the High Renaissance, published in 1999, Ingrid Rowland renders this succinct definition of humanists: "people who had undergone the course of classical studies known in their own day as humane letters, studia humanitatis." It was the artes liberales, the liberal arts, which were supposed by the Romans to characterize a "free" person. Moreover, the very word "culture" is of Roman origin, referring specifically at first to agriculture, "in the sense of cultivating and tending nature until it becomes fit for human habitation. As such, it indicates an attitude of loving care and stands in sharp contrast to all efforts to subject nature to the domination of man," according to Arendt in The Crisis in Culture. Later in the book, the term was associated by Cicero with philosophy: "He speaks of excolere animum, of cultivating the mind, and of cultura animi in the same sense in which we speak even today of a cultured mind." So to be humane, free, and cultured is to be immersed in the arts.

What this meant for the humanist culture of the Renaissance – which attempted to recover these Classical ideas and wed them to their inherited Christian faith – was an enlarging of artistic possibilities, even if the examples of the past proved dauntingly elevated. Indeed, the choice between retreating into the past as an escape from the present versus using the past as a guide for the future was fraught even in the 15th century. An immensely cultivated person like Niccolò Niccoli was only interested in conserving the great books of the past, and he was dubious that any modern author could equal his beloved Cicero and Virgil. But, fortunately, his was not the dominant view.

Liberal artists like Leon Battista Alberti and Poggio Bracciolini firmly believed, instead, that they could measure up, or at least that the effort of trying was worth it. In a letter to Niccolò Niccoli, Bracciolini said,

I am little weary...of this exhausting quest for new books. Now it is time for me to wake up and put to some use these ways of life which we read about daily and reflect on. For always to collect pieces of wood, stones and mortar would seem very foolish if you built nothing with them. But this edifice which we must construct to live well is so arduous, difficult and laborious, that it can scarcely be completed even if we begin young. Nevertheless I for my part have a will to try.

This liberal approach to the arts, in this case literary, meant taking risks. It was therefore hopeful, not only for the improvement of the arts, but also for the betterment of the human condition. Perhaps because they were critical of late-Medieval culture for its presumed decline from ancient glory, these authors' long-

ing was for a past so distant that it couldn't really be returned to; therefore, there really was nothing to "conserve," and so they felt emboldened to try their hands at new epics and rhetoric. On the contrary, our contemporary Classical conservatives mostly long

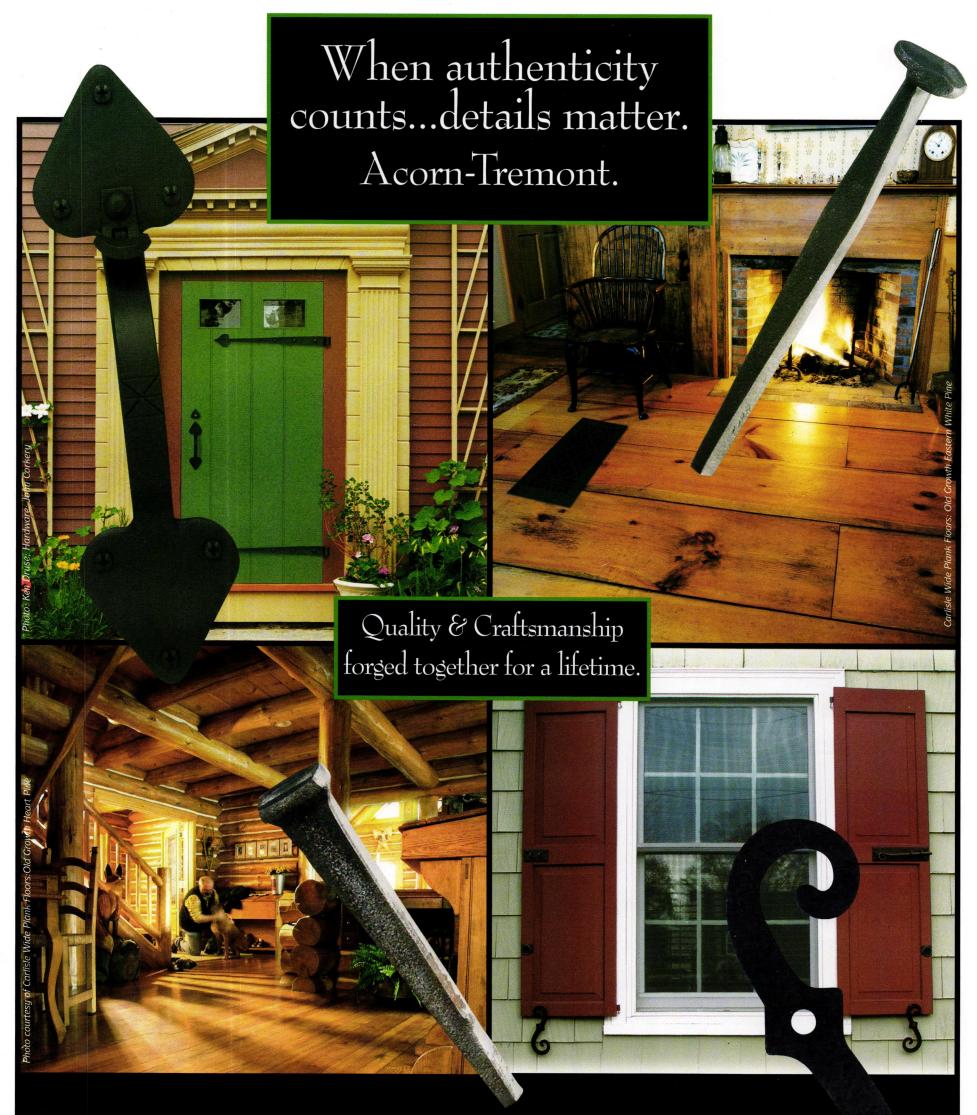
for a not so distant past – maybe only several decades gone – and therefore feel compelled to "conserve" it, or reconstitute it whole. This is not the dream of a renaissance, but a revival. A renaissance is a rebirth, characterized by the past being made new again. As Thomas H. Greene said in *Rome in the Renaissance: The City and the Myth*,

There is first the archaeological impulse downward into the earth, into the past, the unknown and recondite, and then the upward impulse to bring forth a corpse whole and newly re-stored, re-illuminated, made harmonious and quick.

This is why the Renaissance showed so little apparent respect for the remains of the past, which they systematically used to build new buildings, and why Renaissance Classical buildings look so unlike their ancient models. They showed little interest in being "conservative" in the modern sense. Certainly the past had value, but not as an alternative to the present. Caring for the past meant cultivating it, bringing forth new fruit. Since no time in the past is ever perfect, the ideal is always yet to be, tantalizingly out of reach. Bernini, for all of his brilliant accomplishments, always maintained that the idea he had in moments of divine inspiration far exceeded what he was able to realize. He could only attempt to get infinitely close.

What the liberal arts offered to humanists were the tools to, in the words of the Delphic oracle, "Know thyself." Self-awareness means objectively looking into all sides of our nature, good and bad: it does not admit to self-righteousness, but arms the aware person with the confidence that comes from healthy self-criticism. Now more than ever, we need a positive dose of self-awareness, of both our culture's flaws and our critical advantages. The Classical liberal artist is capable of being countercultural – to consumerism, the avant-garde, secularism – without being contrarian or nostalgic. This is the invigorating freedom of action that comes from a Renaissance humanist perspective. **B** 

David Mayernik is a practicing architect and painter, winner of a 2005 Pal-ladio Award, co-editor with Taeho Paik of the online Humanist Art Review (www.humanistart.net), associate professor in the School of Architecture at the University of Notre Dame, and author of Timeless Cities: An Architect's Reflections on Renaissance Italy (Westview Press).



When authenticity counts in restoration, renovation, repairs or even new old house construction, Acorn Hardware and Tremont Nail are your number one choice. For over half a century authenticity & function have been Acorn's mission in producing the highest quality forged iron hardware & accessories. And now Tremont Nail is part of our family of forged products.



Acorn Manufacturing Co.,Inc.

1.800.835.0121 www.acornmfg.com

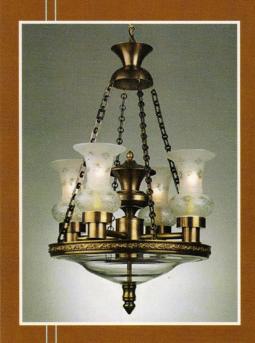


For a FREE catalog, call & request Acorn TB607A or Tremont TB607T.

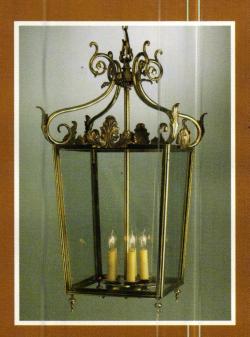
# No home is complete without the right lighting!

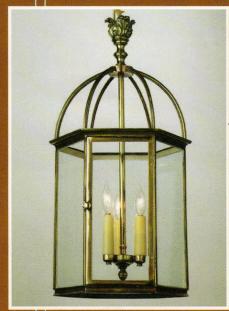
HAND CRAFTED REPRODUCTION LIGHTING
TO COMPLETE YOUR PERIOD HOME

by Ball and Ball Hardware Reproductions





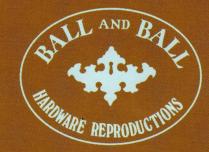




BALL AND BALL manufactures a complete line of reproduction interior and exterior lighting, in 18th, 19th, and 20th century designs. Using period techniques and materials, we faithfully reproduce each fixture with exacting attention to detail. Since 1932, Ball and Ball has been manufacturing the finest quality antique reproduction furniture hardware, builders' hardware, lighting fixtures, and fireplace accessories available.







## BALL AND BALL HARDWARE REPRODUCTIONS

463 W. Lincoln Highway, Exton, PA 19341 Phone: 610-363-7330 Fax: 610-363-7639

Orders: 800-257-3711 www.ballandball-us.com

