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Buying Guides

In this issue you will find 17 Buying Guides on our issue theme: Exteriors & Gardens. The Guides contain information on suppliers, manufacturers, custom fabricators, artists and artisans, as well as many photographs of their work. The Guides range from Conservatories & Outbuildings to Stone, Brick & Masonry. They form a most comprehensive source for professionals working in restoration, renovation and traditionally styled new construction.

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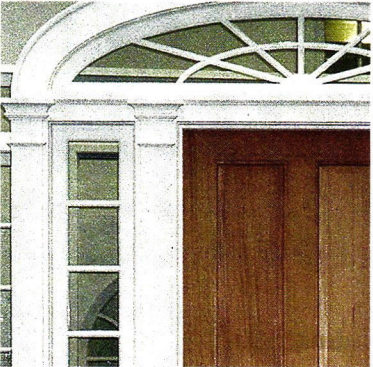
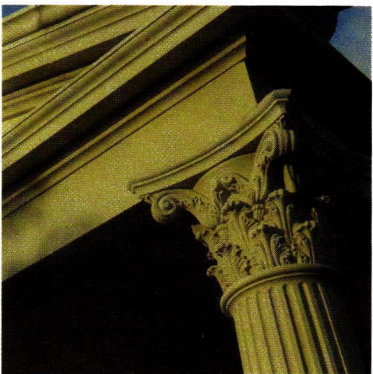
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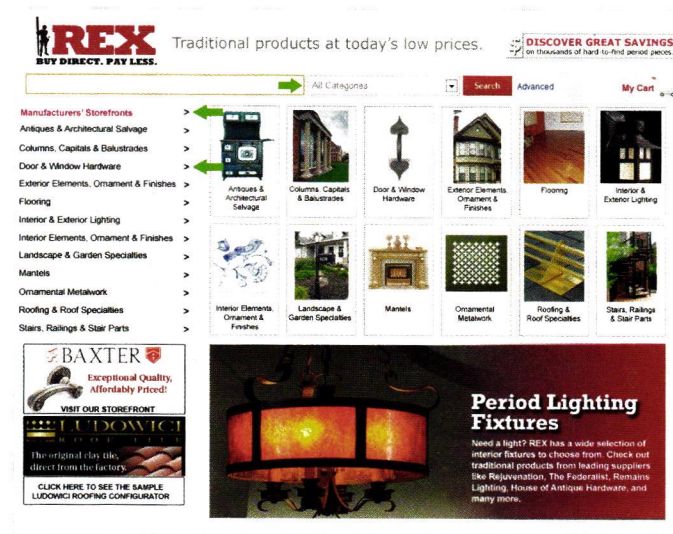


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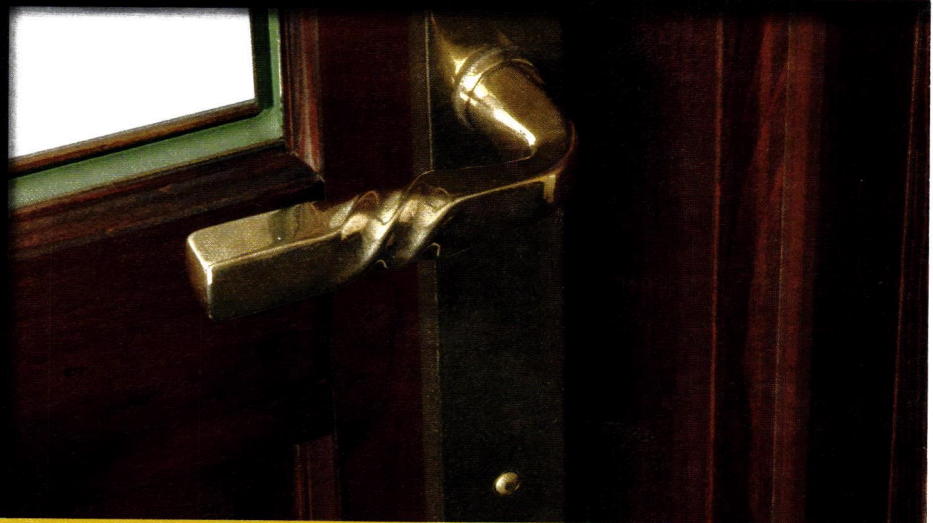
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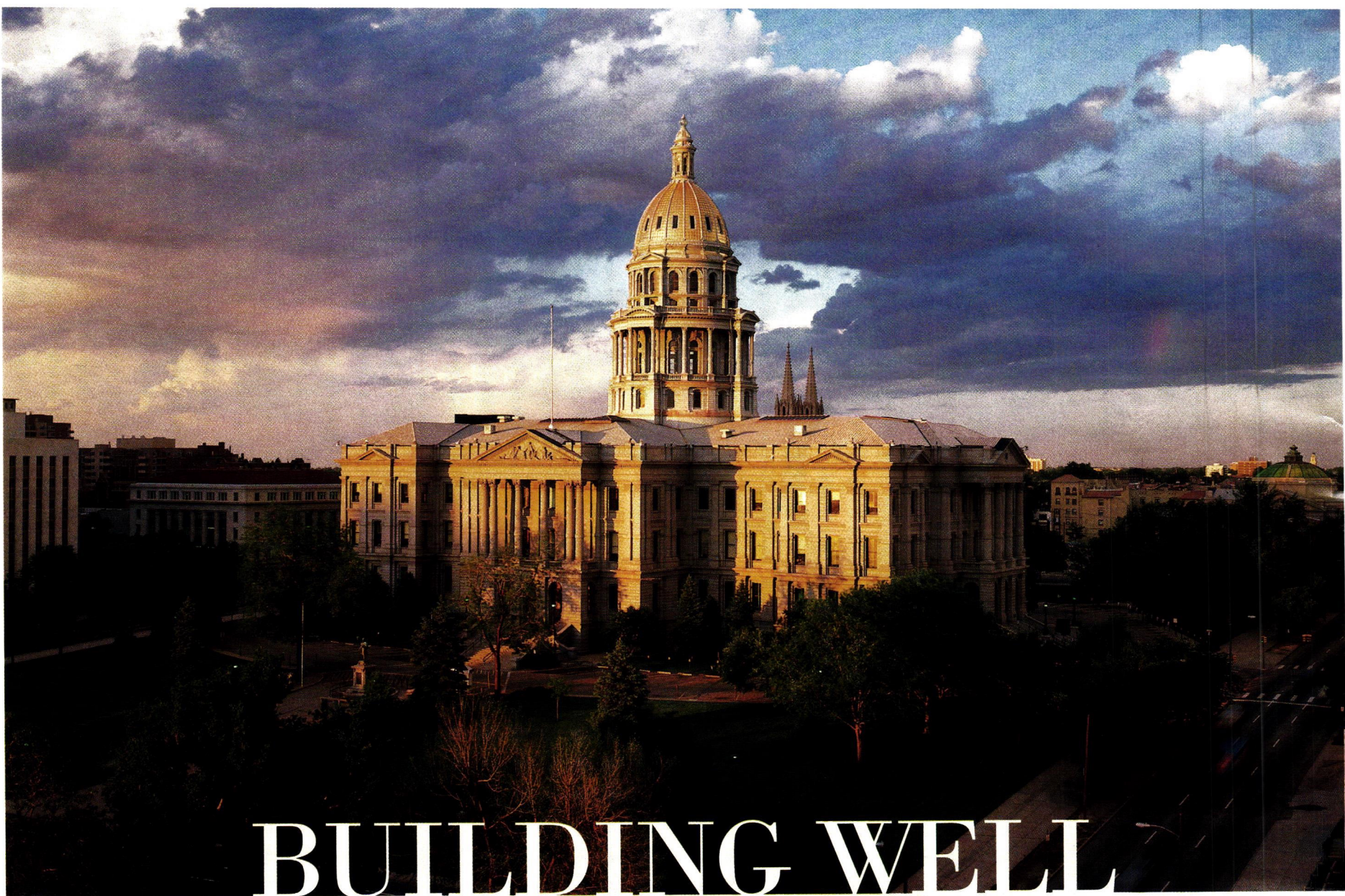


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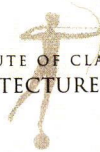
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Tuesday, June 19, 2012

9:00 - 10:00 am Continental Breakfast, Meet and Greet Sponsors, and Registration

10:00 - 11:05 am
What Makes a House Beautiful?

Learning Units TBA

Speaker: Thomas Mathews, Architect, Denver, CO

11:05 - 11:25 am Break

11:25 am - 12:30 pm
Methods for Sustainability

1 AIA HSW/SD LU and 1 GBCI CMP Learning Unit

Speaker: Stephen Mouzon, AIA, LEED AP, CNU, Mouzon Design, Miami, FL

12:30 - 1:30 pm Lunch

1:30 - 2:35 pm

Strategies for Building Durability

1 AIA HSW/SD LU 1 GBCI CMP LU

Speaker: Stephen Mouzon, AIA, LEED-AP, CNU

2:35 - 3:40 pm

Addressing the Modernists Objections to Traditional Design

Learning Units TBA

Speaker: Dr. Mark Gelernter, Dean and Professor of Architecture, College of Architecture and Planning, University of Colorado, Denver

3:45 - 4:00 pm Break

4:00 - 5:35 pm

Bronze, Cast Iron and Cast Aluminum: Properties, Preservation and Performance

Learning Units: 1.5 AIA HSW LUs

Speaker: Robert Baird, Vice President, Historical Arts, Salt Lake City, UT

5:35 - 6:30 pm Reception

Wednesday, June 20, 2012

9:00 - 10:00 am Continental Breakfast, Meet and Greet Sponsors, and Registration

10:00 - 11:35 am
Wood and Sustainability - Considerations for Historic Structures and New Construction

Learning Units: 1.5 AIA HSW CEUs

Speaker: Ron Anthony, Wood Scientist, Fort Collins, CO

11:35 - 12:40 am

Classical Use of Moldings: Changing Interior Spaces Using Classical Design

Learning Units: 1 AIA HSW LU and .1 IDCEC CEU (General Knowledge)

Speaker: Brent Hull, President and Founder, The Brent Hull Companies, Fort Worth, TX

12:40 - 1:30 pm Lunch

1:30 - 3:05 pm

Windows of Opportunity: Using New Technologies in Large-Scale Projects

Learning Units: 1.5 AIA HSW LUs

Speakers: Mike Still, Marvin Windows and Doors and TBA

3:05 - 3:25 pm Break

3:25 - 4:30 pm

The Architecture of Jacques Benedict (1879-1948)

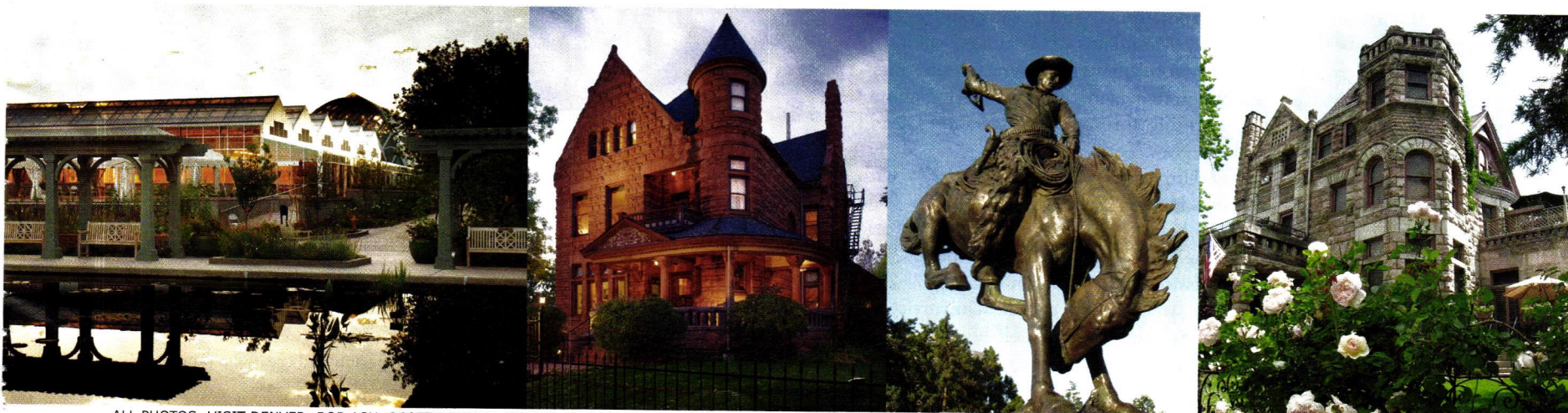
Learning Units: TBA

Speaker: Michael McPhee, journalist and author, Denver, CO

4:30 pm Wrap-up and evaluations

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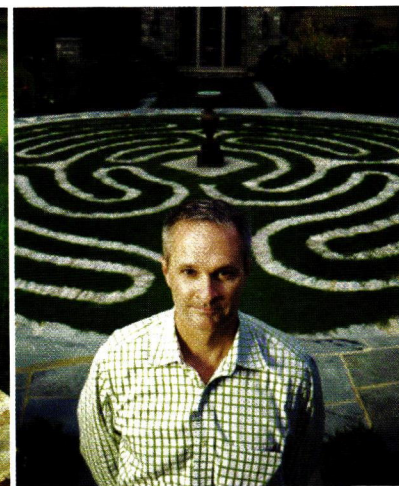
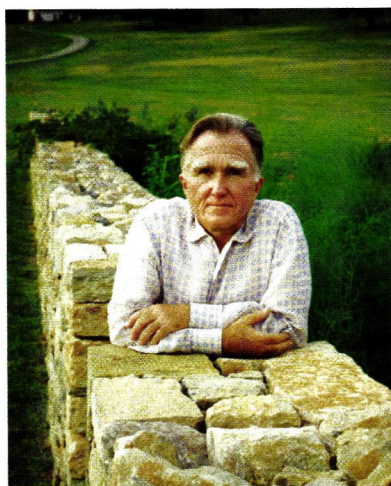
Planting Diversity

Page Duke Landscape Architecture takes a holistic approach to projects large and small. *By Lynne Lavelle*

Since its founding in 1998, Page Duke Landscape Architecture has seen many new developments within its field. The Nashville, TN-based firm's design philosophy, however, remains constant: whether an expansive public space or an intimate secret garden, the goal is to create a seamless integration of the built environment and its surroundings. Founding principal Ben Page and partner Gavin Duke are deeply influenced by their childhood experiences; Page by his grandparents' and great-grandparents' farm, and Duke by the rural Ozark Mountains of Arkansas, where he was raised. The firm's broad focus on residential gardens, equine-management facilities, hunting-plantation management and master-planning reflect these rural roots for a clientele throughout the Southeast and Atlantic Seaboard, from Florida to New York.

Ben Page graduated from the University of Georgia in 1973 with honors in landscape architecture. He started his practice, Ben Page Associates, in 1983, and has since been a recipient of various historic preservation awards, including the 2009 Aurora Award and a 2002 Metro Nashville Historical Commission's Preservation Award.

Gavin Duke studied landscape architecture at the University of Arkansas, graduating in 1987, but had educated himself beforehand on the historical and contextual elements of landscape design by traveling the world. His experiences in England, France and Italy proved particularly



Ben Page (left) founded Ben Page Associates in 1987, and formed Page Duke with Gavin Duke (right) in 1998.

Nashville, TN-based Page Duke Landscape Architecture specializes in residential gardens, equine-management facilities, hunting-plantation management and master planning. Pictured is Howe Garden (top), within Cheekwood Botanical Gardens in Nashville, TN; the firm planted native vegetation and created a rain garden to manage rain water runoff and flooding. *All photos: John Chiasson*

At Delano Park in Decatur, AL, Page Duke designed the garden and playground with wheelchair access, and sourced native plantings to reduce landscape management costs.

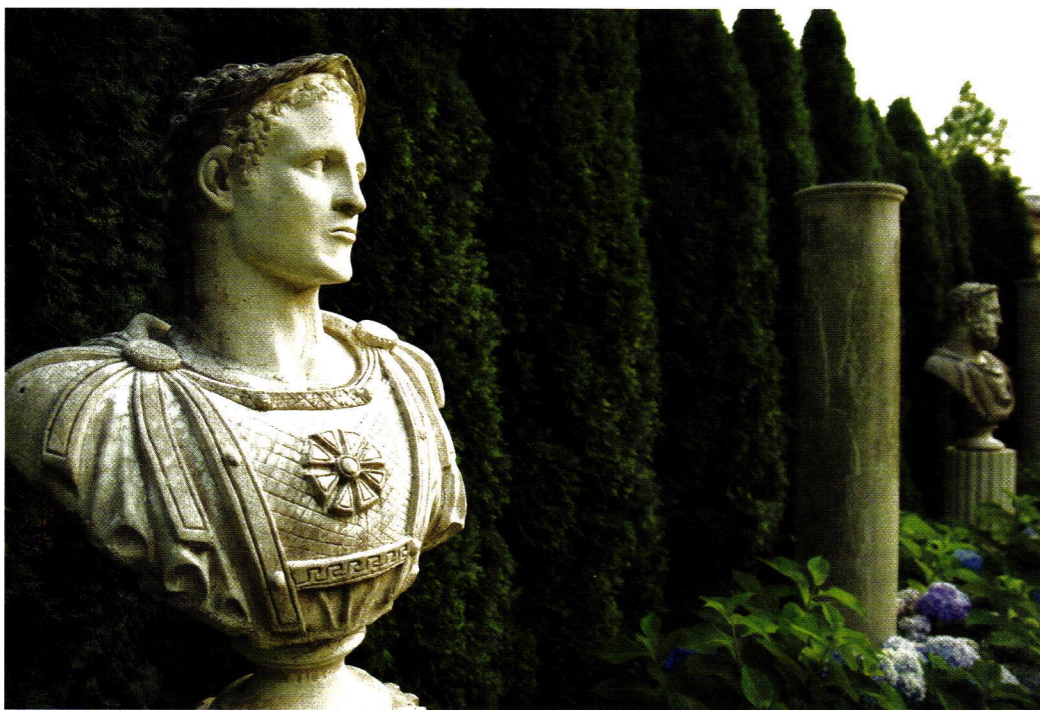
valuable to his chosen career path, and he joined Ben Page Associates in 1987. The two formed Page Duke in 1998; the firm has since grown to a staff of 10.

To each project, Page Duke brings patience and foresight, creating designs that are sustainable for the future. “We have seen an amazing amount of horticultural advancements and hardscape material changes,” says Duke. “Through travel, experience and practice, we have become aware of how the process of creating a garden over several years is a ‘process.’ Meaning it takes time for some of the vision to take its full potential, and then possibly see changes that need to occur due to age and time.”

In that vein, the firm uses regional materials and local plantings wherever possible, and is motivated by environmental and budgetary concerns, as well as stylistic appropriateness. “The goal of all our projects is to thoroughly reflect the client’s dreams for their particular project in a way that is ecologically and financially responsible, paying particular attention to regional materials,” says Page.

At Howe Garden, within Cheekwood Botanical Gardens in Nashville, TN, the firm made use of native vegetation and a rain garden to manage rain water runoff and flooding in that area. “The rain garden not only filters the water of pollutants, but it is also designed to return the cleansed water back into the ground water table,” says Page. And at the low-maintenance Delano Park in Decatur, AL, the garden and playground were designed with wheelchair access to provide a place for children with disabilities to actively experience nature. “Rocks and materials used were local and carefully selected,” says Page. “All plant communities

Right and below: This Italianate garden in Nashville, TN, comprises distinct, but connected outdoor spaces, including a rear garden that is graciously decorated with fountains and sculpture and enclosed with plantings for privacy.





For a lakeside property in Memphis, TN, Page Duke formally scaled the front arrival court and parking, and created several garden rooms to the rear, as well as garden layers that descend to the lake.



were chosen for their natural ability to sustain themselves in the region. Grasses, wild flowers and native plants conserve water, reduce water-related expenses and greatly reduce the cost of landscape management.”

From sight lines, outdoor rooms in connection to the egress to the outside, and complementing existing structures, architecture influences Page Duke’s designs in every way. “We strongly agree that the landscape and site should fully tie into the architecture – Italian with Italian, Mediterranean with Mediterranean and so on,” says Duke. “From Modern architecture to Classical architecture, there is a language that portrays a look and feel appropriate to the

place.” For an Italianate garden in Nashville, TN, Duke created several distinct, but connected, outdoor experiences: The rear garden is used for entertaining, and is enclosed with plantings for privacy on an urban lot, while the sounds of wall-mask fountains soothe and evoke an elegant landscape. Parking is hidden out of sight, and links to the main house via a covered walk. “The design program was to create a garden that sets a platform for the architecture to sit on, with plant massing to anchor it visually to the land,” says Duke.

Similarly, the clients’ goals for a lakeside property in Memphis, TN, were to formally scale the front arrival

Right: Page Duke worked with the clients, their architect and a local horticulturist to transform a 1940s English Tudor Revival property in Birmingham, AL, with interactive outdoor terraces, intimate garden spaces, a large porch and a re-imagined vehicular and pedestrian circulation system.



Below: Following Hurricane Katrina, Page Duke completed a ground-up renovation of a destroyed courtyard in the historic Garden District of New Orleans, LA. The property now contains a series of intimate courtyard rooms, with pathways and lush plantings.

court, and for a parking court to obscure cars. Duke created several garden rooms for the rear outside entertaining areas, with garden layers that descend to the lake. The side property includes a pool and pool house, as a sunny getaway from the main house, against the water in the distance. Major design elements include a garden folly and scroll lawn with sculpture. "We are hypersensitive to the seamless integration of architectural styles in all aspects of our site planning process," says Page. "The specific architecture of the house, being traditional, formal, informal or contemporary, informs the aesthetics of the landscape imaginary adjacent to the building. This integration of architecture and site specific solutions has always been the hallmark of our office."

A successful collaboration between an engaged and knowledgeable client, their architect, Page Duke and a local horticulturist took a 1940s English Tudor Revival property in Birmingham, AL, from "grandmotherly to dynamic and elegantly family friendly." The house was completely renovated for a young couple with three children, for whom engaging

outdoor spaces were a must. "A pool, plus lots of interactive outdoor terraces, intimate garden spaces, and a huge porch all became part of our landscape master plan," says Page. "A totally re-imagined vehicular and pedestrian circulation system accommodated the active family's lifestyle."

While every Page Duke project reflects the client's short- and long-term aspirations for their property, a complete re-think presents a rare creative opportunity for both firm and client. In the historic Garden District of New Orleans, LA, Page completely redesigned a courtyard behind a late-Victorian home, which had been virtually destroyed by Hurricane Katrina. The ground-up renovation allowed the owner to create the blooming private space they had always wanted, complete with courtyard rooms and pathways through lush plantings. "The number one goal was the addition of several outdoor spaces to complement the contiguous indoor spaces," says Page, "thus providing for a much more fluid indoor/outdoor relationship. We also expressed New Orleans' exotic, tropical environment with a complex horticultural palette of regional and local plants."

With a folio that runs the gamut from intricate residential gardens to master-planning expansive hunting preserves, there is no such thing as a typical Page Duke client. "We relish the intimate courtyard gardens as well as the 1730 plantation restoration with a magnificent 250-year-old live oak allée on 6,000 acres," says Page. "I find the diversity of these projects enormously satisfying and intellectually stimulating."

"We have evolved from the perception of landscape architecture as simply the decoration of outdoor spaces to something that encompasses environmental concerns, artistic sensibilities, historical perspective and collaboration with other professions. It is a whole new dynamic profession that affects quality of life as a whole." ■

WEB EXTRAS: For additional photographs of this project, go to www.period-homes.com and click on "The Magazine."





Enlarging Tradition

A Connecticut firm adds to an English Cottage home.

PROJECT: WEE BURN COTTAGE,
FAIRFIELD COUNTY, CT

ARCHITECT: HUESTIS TUCKER
ARCHITECTS, LLC, WOODBRIDGE,
CT; JENNIFER HUESTIS, AIA,
PRINCIPAL IN CHARGE

GENERAL CONTRACTOR:
AMGINE, LLC, WILTON, CT;
JASON BORNER, PRINCIPAL

Nestled comfortably on two acres of bucolic landscape in Fairfield County, CT, an English Cottage-style home embodies many local vernacular architectural details. The stone and shingle house features a multi-gabled slate roof, a Storybook Cottage-like scale, timber-beamed ceilings and the heavy use of interior masonry.

Unfortunately, as with so many of these homes, a contemporary hodgepodge addition was built – likely in the 1980s – to expand the living space. The exterior stonework of the addition compared unfavorably to the existing house. There were single-pane casement windows and large skylights. A corner was angled awkwardly and one side of the rear-facing gable sloped dramatically.

In 2006, when the owners decided to remove the existing addition, as well as to update and expand their home with a new 3,500-sq.ft. addition, they turned to Woodbridge, CT-based Huestis Tucker Architects. Their wish list included a new kitchen, mudroom and three-car garage, as well as to replace a small bedroom that didn't have closets. Most importantly, they desired a large three-season sunroom that connected to all the main living areas and reached across the length of the backyard. It was crucial to the owners that the design preserved the integrity and scale of the existing house.

"I wanted to keep the scale of anything new matching what was there," says principal Jennifer Huestis. "I continued the ridge line so we didn't go up higher, except at the garage gable, but I pulled it down by adding a second gable in front. I studied houses with multiple gabled details that were designed by Voysey, Baillie Scott and Lutyens. There are a lot of ins and outs with large gables that are echoed by small ones. Their designs would take asymmetry and twist it a little so the design is balanced but not symmetrical."

Architectural elements were picked up from the original house and repeated on the addition. Local field-stone, mortar joints and cedar shingles were meticulously matched and extend the east elevation. Wood lintels and bluestone sills surround new windows with thin muntins, which were manufactured by Warroad, MN-based Marvin Windows and Doors. Salvaged slate from the demolished addition was mixed with new roof tiles. The heavy oak lintels and posts on the side porch were stained to match the front entrance.

Huestis Tucker Architects of Woodbridge, CT, designed the new addition to an English Cottage style-home in Fairfield County. Architectural details such roof gables, stonewalls and window surrounds, were repeated to respect the integrity of the original house. *Photo: courtesy of Huestis Tucker Architects*

Before construction, the existing contemporary-style addition contained skylights, single-pane casement windows and awkward gables, which were not sympathetic to the original house. Photo: courtesy of Huestis Tucker Architects



Mirroring the foyer, the back hall and adjacent mudroom, which accesses the three-car garage, feature antique brick floors and V-groove wall panels. Interior doors with vertical lines, which replicate the original doors, were custom made by Bridgeport, CT-based Prestige Remodeling. The stairs feature Arts and Crafts-inspired newel post and balusters.

The hall leads to a new office, pantry and powder room. Toward the rear, the family room bay window is positioned on axis with the side entry. The hand-hewn, posts-and-beam ceilings of the living and dining rooms were brought into the space, as were the wide-plank

oak floors. “When we were working on the fireplace, the client saw an image in a magazine, so we tried to develop a design based on that image,” says Huestis. “The fireplace she liked was very rustic and was surrounded by wood. We took the idea of rough-hewn timber beams for the mantel, faced the sides with fieldstone and used bluestone for the hearth – we brought the exterior materials inside.”

The kitchen combines traditional English Cottage style with modern functionality and state-of-the-art appliances. The painted poplar cabinetry features recessed paneled doors and slab drawers, and is accompanied with beaded-board backsplashes, polished nickel hardware and



Custom-milled trim, heavy timber brackets, wood lintels and jagged bluestone windowsills give the new addition an aged appearance. Photo: Nancy Elizabeth Hill

The family room's hand-hewn, heavy timber posts, beamed ceiling and wide-plank oak floors were details repeated from the existing living and dining rooms. Photo: Nancy Elizabeth Hill



black granite countertops. The ceiling was kept low and is framed with thin-profile crown molding. French doors let in natural light and lead to the dining area of the sunroom, which doubles as a breakfast room.

"The idea of the sunroom linking to every interior room was very important to the clients," says Huestis. "In a sense, the sunroom acts as their great room – like an open-concept room. We tried very hard to prevent it from overwhelming the entire house. We kept the scale

down by adding a recess in the middle of the long space to create a sense of two rooms with a hallway in between. The recess also created space for the patio outside so the patio doesn't feel disconnected."

The sunroom has windows on three sides and French doors with a fieldstone base and bluestone cap acting as a windowsill. "We were drawing on English conservatories by using the same materials from the front elevation," says Huestis. "We brought in some Classical elements with the pilasters to give the rear some detail and to provide



The kitchen combines traditional English details with state-of-the-art appliances to fit the clients' needs. Photo: Nancy Elizabeth Hill

Replicated V-groove wall panels and brick floors are complemented by a Dutch door and Arts and Crafts newel post and balusters in the back stair hall. Photo: Nancy Elizabeth Hill

different spacing between the windows and doors, which helped maintain the scale of this rather large addition. The two custom roof lanterns [supplied by Fairfield, CT-based Parish Conservatories] were added to bring more light into the interior."

Inside, the second-floor addition includes two new bedrooms with custom built-ins, an exercise room, two bathrooms and a laundry room as well as a spacious stair hall that the clients' children use as a gathering space.

After a three-year design and construction process, the clients now have a home that fulfills their day-to-day needs and an addition that appears to have been there for decades. "When I was working on another project in the same neighborhood, I watched the construction of this other addition," says Huestis. "There was a beautiful old stone house but the designers were butchering it. The new pieces were enormous and overwhelmed the old. For the homeowners and I, it was critical for us to preserve what we loved about the existing house and to have the new look towards that. Now you can drive up and not realize that part of the house is new." — Annabel Hsin



The sunroom features French doors as well as roof lanterns for ample natural light. Photo: Nancy Elizabeth Hill



Gleysteen Architects' transformation included a new portico, a second chimney that adds symmetry and a new four-season porch (right) that balances the expanded garage. All photos: Richard Mandelkorn unless otherwise noted

Additional Spaces

A 1938 Colonial Revival is expanded and updated.

PROJECT: COLONIAL REVIVAL RESIDENCE, NEEDHAM, MA

ARCHITECT: JAN GLEYTEEN ARCHITECTS, INC., WELLESLEY, MA; JAN GLEYTEEN, AIA, PRINCIPAL; CHRIS RUSS, PROJECT ARCHITECT

GENERAL CONTRACTOR: KELLS CONSTRUCTION, MILTON, MA

LANDSCAPE DESIGNER: THOMAS WILHELM LANDSCAPE DESIGN, BOSTON, MA

When it comes to renovating and expanding historic houses, Jan Gleysteen, AIA, of Wellesley, MA-based Jan Gleysteen Architects, says that his firm's philosophy is to take the massing and details of the original structure and expand upon them. This approach was recently put to use in the Boston suburb of Needham, where Gleysteen Architects orchestrated the sympathetic transformation of a late-1930s Colonial Revival. "For example, we designed gabled additions to the original gable house, not an alternate roof shape," he says. "In this and other projects, we like to add or embellish details that are typical of the period or house style to 'time up' the aesthetics for a better overall look."

Aside from a few small renovations, the 1938 Colonial Revival had undergone little work over the years. As the majority of the house was original, it fit in nicely with its surroundings, a quiet, tree-lined boulevard street in a suburban community near the local school and commuter rail station. Since the clients' goals were to maintain the original character of the home while providing modern conveniences, neighborhood and regional context played heavily into Gleysteen Architects' design.

The original house totaled just over 3,000 sq.ft. of formal living space. Upon entry, the foyer opened to the dining room to the left, the living room to the right, and a hallway led to the library and kitchen to the rear. A two-bay garage and small screened porch were situated on either end of the house. Access to the rear yard could only be gained through a small laundry room off the kitchen. The second floor included four bedrooms, two bathrooms and a den above the garage.



The rear façade of the existing house lacked definition and had small windows that didn't take advantage of the back yard. Photo: courtesy of Jan Gleysteen Architects, Inc.

Left: Prior to the renovation, the 1938 Colonial had an unassuming street façade with a leaded-glass entry. Photo: courtesy of Jan Gleysteen Architects, Inc.

Fencing Through the Years

By Gordon Bock

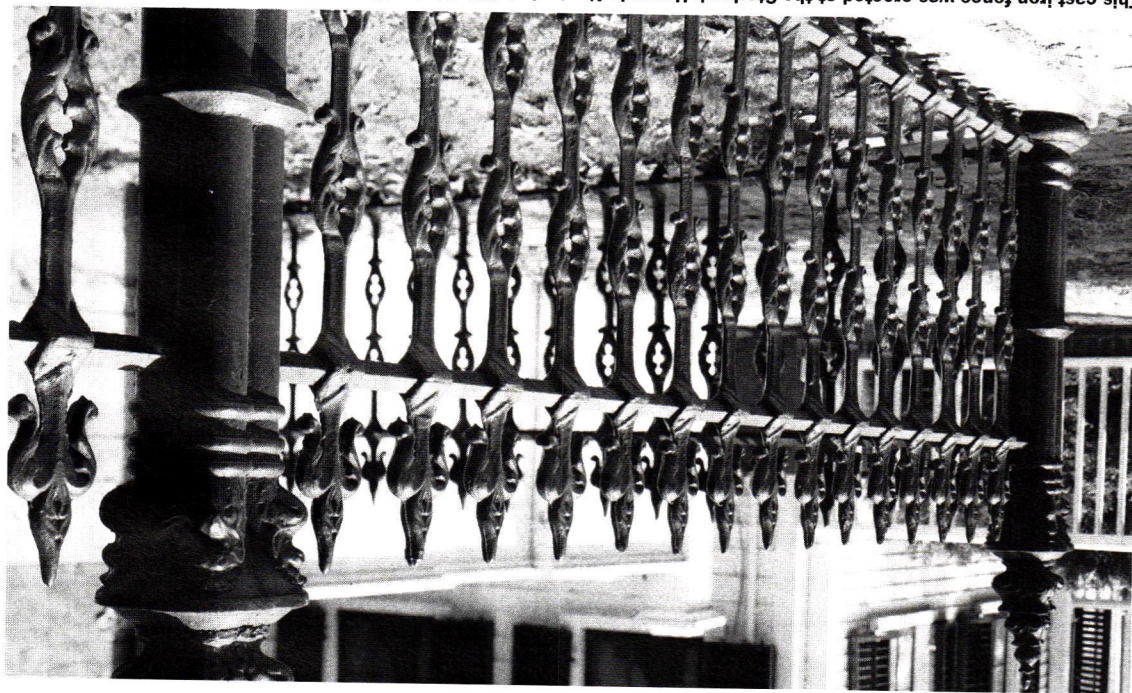
Though fences may appear to be elementary constructions because they hold up only themselves, in fact they require considerable investments of material and skill to erect — all the more so if they are to be in keeping with history. Various forms of wood and iron are the stuff used to make most fences of the past, to the point that you can often match a fence to an era by its make-up, as this quick historical review shows.

Wood

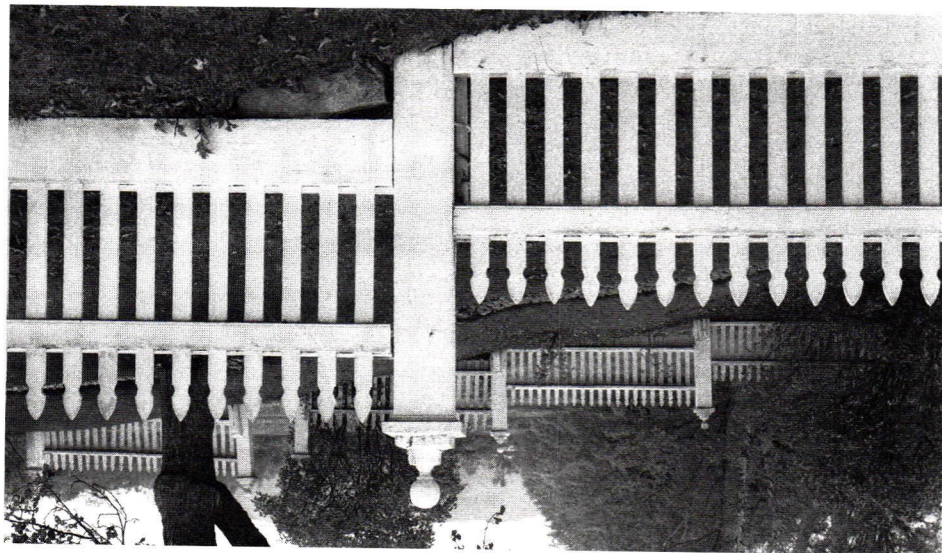
Ever the dominant fencing material, the forms and details of wood fences have shifted along with the architectural fashions of the houses they surround. The earliest fences in America were first logs set on end in the earth in stockades, then later split into rails and laid in horizontal zig-zags to make the iconic worm fences of Abraham Lincoln and other pioneer lore. In frontier or agricultural environments, these fences were erected to exclude wild animals and livestock from farmland or house yards. However, as settlements became more established and urban, fence function shifted to enclosing animals — primarily dogs and chickens — as well as delineating urban property lines.

In such settings, the paling — a flat wood strip or round stake used for centuries in Europe — morphed into the picket that when shaped at the top and attached to two horizontal rails, became the ubiquitous, prosaic fence of North America. In the late-18th and early-19th centuries, when imposing houses were built in the Georgian and Federal styles, pickets followed suit with Classical symmetry and detailing, as well as white and ocher paint schemes, emulating the house. Pickets might be capped with a top rail, and supporting posts were often decorated with chamfers or finials. For high-style houses, gate posts were sometimes built with molded panels, and then surmounted with symbolic carvings such as urns, fruit or, in the Federal period, eagles.

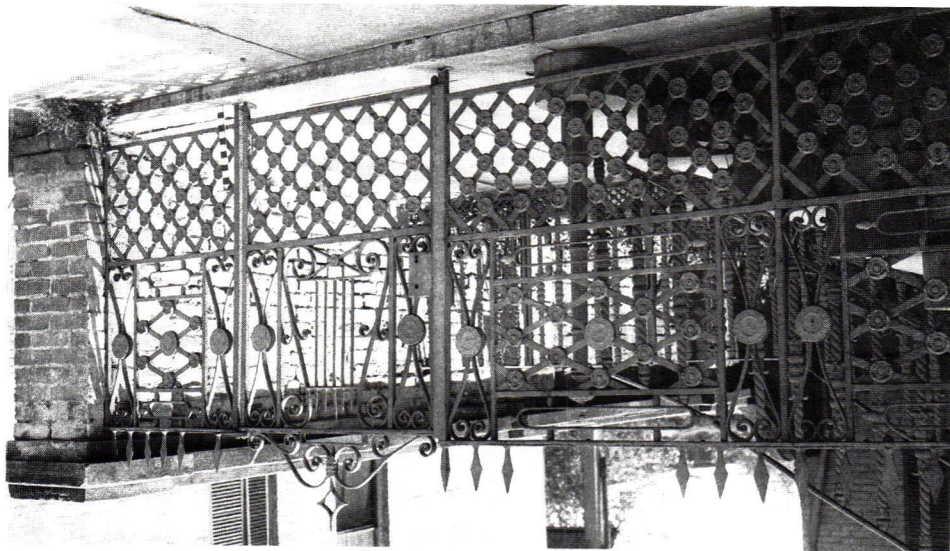
In the 1840s, as the architecture of young America shifted gears away from Classical styles like the Georgian and Greek Revival and into the romantic modes of the mid-19th century, wood fences were reinvented in not only detail, but concept. While the affluent owner of a Gothic Revival house might have his fence pick up Gothic motifs, such as pickets with pointed-arch tops or posts carved with trefoils, others followed the ideas of horticulturalist Andrew Jackson Downing, America's first architectural tastemaker. In the 1850s, Downing (who hated landscapes dotted with stark white Greek Revival houses) wrote that fences were little



This cast-iron fence was erected at the Starbuck House in Nantucket, MA. Photo: Library of Congress/Historic American Buildings Survey



This early wood fence was constructed at the 19th-century Coburn Tyler House in Rockport, ME. Photo: Library of Congress/Historic American Buildings Survey



Constructed in Mobile, AL, this historic wrought-iron fence features cast-iron ornaments. Photo: Library of Congress/Historic American Buildings Survey

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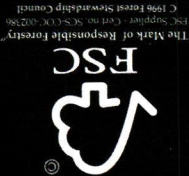


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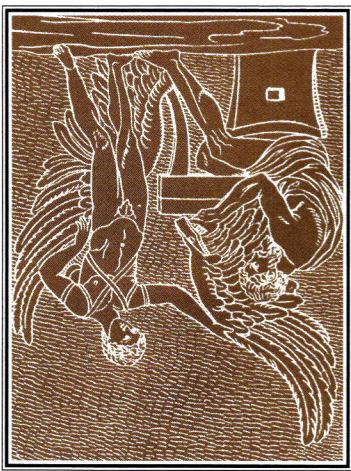
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The decayed exterior brick was re-pointed under the direction of Edward Stanley Engineers, LLC.

with stairs were added. The porch rooflines follow the building's roof pitch. The same wooden shingles of the main building were used for continuity in the design. Beyond preservation, Armstrong Row is a great example of sustainability at work. Much of the existing material was preserved during the renovation process — keeping tons of debris out of landfills — and if new materials had to be brought in the majority were locally sourced. The rehab is also in a walkable urban community, fostering environmental sustainability. — Nancy E. Berry

Nancy E. Berry is the editor of *New Old House* magazine and the author of two books on design. She lives in Yarmouth Port, MA.



The thousands of volunteers on the project included a team from the State University of New York at Plattsburgh.

The ADA-compliant ramp curves around the corner turret.



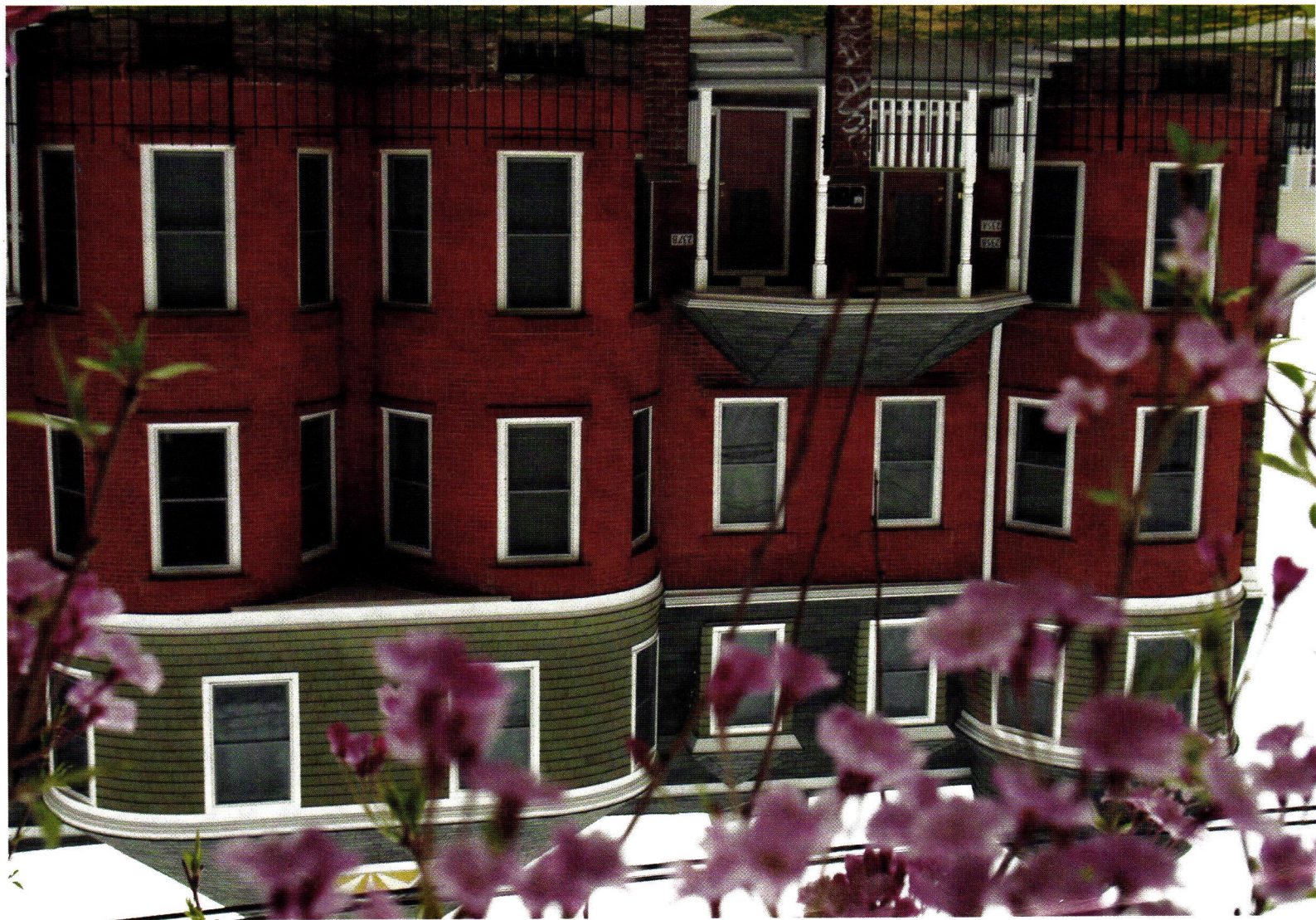
One unit needed to meet ADA building codes and stained to match the originals. Upper floors were finished with cedar shingles brought to the site and lifted to its new location. Yrigoyen. Built as one piece, the new dormer was the building to replicate it exactly as it was," says to decay. "We looked at historical photographs of was to re-create an eyebrow dormer missing due supports on their interiors. Another challenge and in some places rebuilt the walls using LVL Engineers, LLC. Stanley had the brick re-pointed of Architecture and operates Edward Stanley near Ed Stanley, who teaches at the Yale School enlisted the volunteer assistance of structural engi- promised. To address these problems, Habitat due to water infiltration and was severely com- The exterior brick had decayed over the years help alleviate the longer spans."

brick building with the help of a structural engi- near," says Keith Cook, Habitat CFC's director of construction. "Contemporary materials such as laminated-veneer lumber elements were used to

Much of the existing material was preserved during the renovation process — keeping tons of debris out of landfills — and if new materials had to be brought in the majority were locally sourced. The rehab is also in a walkable urban community, fostering environmental sustainability.



Once a thriving industrial center, Bridgeport features numerous buildings on the National Register of Historic Places.



The restoration project, which took three years, has produced over 19,000 sq. ft. of living space in the formerly abandoned space.

In 2007, Habitat CFC offered to complete the rehabilitation started by another nonprofit. Habitat would serve as a mortgage contractor, volunteer coordinator and agent on the project — as the organization does in all of its projects. Habitat CFC worked with the city's historic commission for design approval. Because the house is located in an historic district, it was also eligible for rehabilitation tax credits. Habitat CFC worked with the local state historic preservation office to satisfy the Secretary of the Interior's Standards and maintain the integrity of the building. "Even in their dilapidated state, the buildings were still beautiful," says Yrigoyen.

The first order of business was to simply clean out the interior of the building of all debris. One end of the building had been severely burned in the 1990s and most of the flooring and support beams were gone. "Once we could see what we had to work with, we were

excited," says Yrigoyen. "We were able to salvage 85 percent of the original building materials — floors, beams and joists." The floor plan was opened to create a more contemporary living environment. "We created one- two- and three-bedroom condos to accommodate both single people as well as families. Each family who was eligible for one of the units had to give 500 volunteers hours to the project.

"Volunteers installed baseboard, drywall, windows, flooring and insulation," and professionals were brought in for the electrical and plumbing. General Electric, whose employees also volunteered on the project, donated Energy Star-rated kitchen appliances.

Once the interiors began to take shape, the team worked on the exterior. Much of the roof was severely damaged and some trusses needed replacing. "We installed reinforcements on each truss, connected the weight to new posts and tied the structure to the main



Prior to the project, the Armstrong Row Houses had sat vacant for over a decade.



Habitat's Historic Rehab

Habitat for Humanity revives seven Victorian-era row houses for 12 families in need.

When the city of Bridgeport, CT, was ready to demolish the vandalized 1898 Armstrong Row Houses, which had sat vacant for more than 10 years, the local nonprofit organization Habitat for Humanity of Coastal Fairfield County (Habitat CFC) stepped in to see if it could resurrect the seven row houses for use as low-income housing. "We had never worked with such a his-

torically significant property," says Malena Yrigoyen, Habitat CFC's architect and site development manager. Nor had it worked on such a large project — the three-story row houses total more than 19,000 sq. ft. of living space. The program called for rehabilitating the row houses into 12 condos while reviving the character of the original buildings, which are central to the fabric of the historical district. An army of 6,000 volunteers from the local community worked on the three-year project.

Once home to more than 500 factories, Bridgeport was a booming center of industry. Built by mill owner Frank Armstrong for his factory managers, the Victorian-era brick buildings featured complex roof designs and handsome interior detailing. "Armstrong's own home sits across the street and was influenced by French architecture," says Yrigoyen.

A striking example of architecture in their own right, the houses have alternating bell towers with hipped roof projections, granite quoins and projecting round bays. "The original walls are layered brick and the first floor interior has 10-ft. ceilings," says Yrigoyen. "One goal was to save as much as the original structure as possible."

The row houses are located in East Bridgeport Historic District, which is the city's most intact 19th-century neighborhood, boasting 266 row houses on the National Register of Historic Places. The neighborhood was planned as a totally integrated community with industries, businesses and all classes of housing. By the mid-20th century, the area was in economic decline, and as the neighborhood changed over the years, the Armstrong Row Houses were transformed into 14 units, then 21, and eventually served as a 64-unit rooming house. The structure was finally condemned in 2000 after years of neglect.

Habitat for Humanity of Coastal Fairfield County, working with thousands of volunteers, orchestrated the revitalization of the 1898 Armstrong Row Houses in Bridgeport, CT. All photos: courtesy of Habitat for Humanity of Coastal Fairfield County

Project: Row Houses,
Bridgeport, CT

Architect: Habitat for
Humanity of Coastal
Fairfield County, Bridgeport,
CT; Malena Yrigoyen

Contractor: Habitat for
Humanity of Coastal Fairfield
County, Bridgeport, CT;
Keith Cook, Director of
Construction

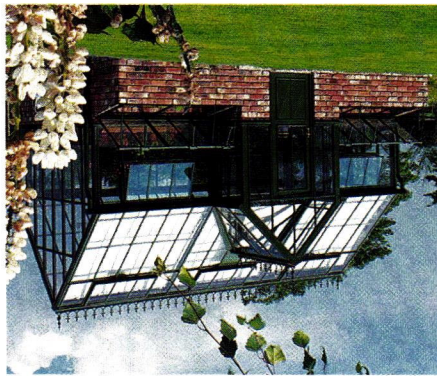


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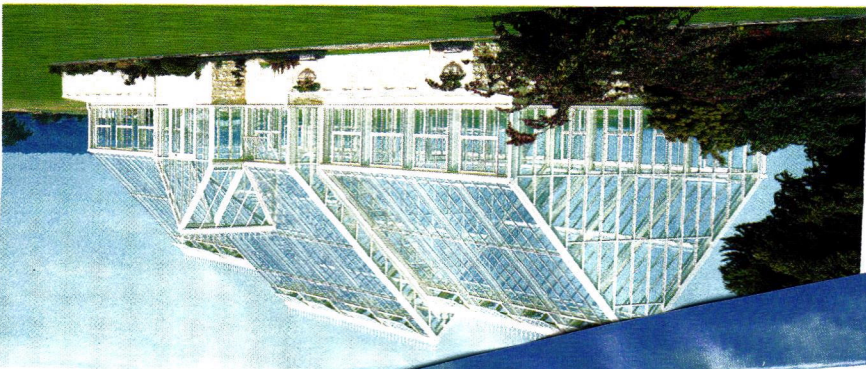
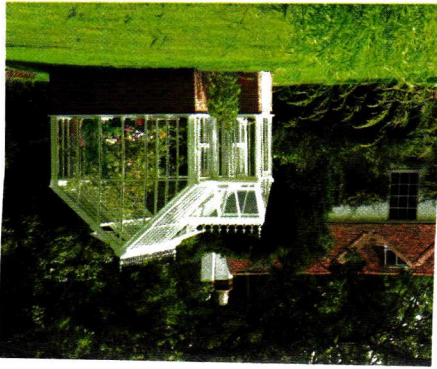


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Top: This fence and gate were created by Fine Architectural Metalsmiths. Photo: courtesy of Fine Architectural Metalsmiths

Bottom: This forged corner detail in a seaside railing fabricated by Fine Architectural Metalsmiths features simple collared arches and a forged bottom detail. Photo: courtesy of Fine Architectural Metalsmiths

more than necessary evils. In his view, the best was a slight paling fence painted dark green so it would be as inconspicuous as possible. Not surprisingly, this earth-borne view was soon taken to its logical limit in rustic wood fences built out of natural, unprocessed logs and limbs. Architects of the Romantic Movement favored a dreamy, anti-Classical ethos called the picturesque, and what could be more picturesque than a fence and garden gate – or for that matter a garden house, pergola or any landscape structure – built right from trees, the more twisted and knobby the better?

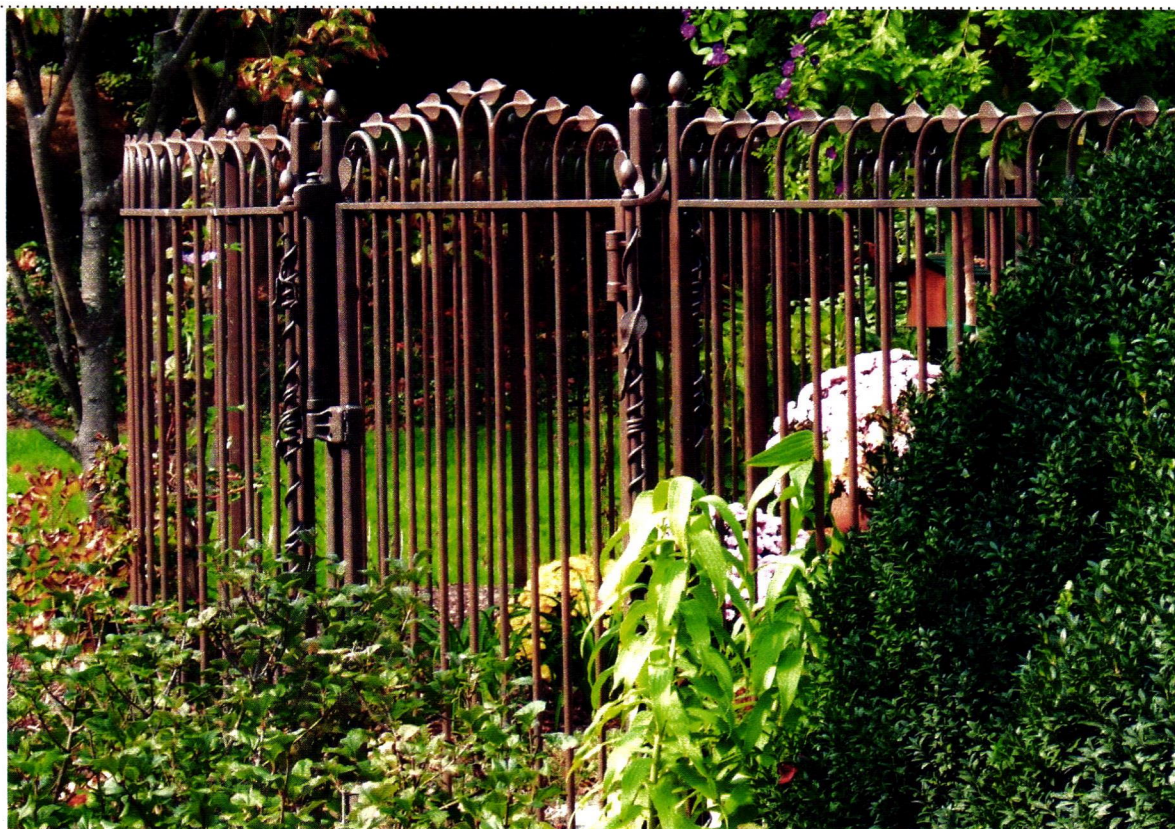
By the Victorian era, the timeless wood-picket fence still fit the bill for most homeowners. Critics such as Frank Scott, a Downing acolyte, advocated fences that were more open on their upper half by alternating full-height pickets with those that only rise to a middle rail. After the turn of the 20th century, the practical, animal-control applications of fences all but disappeared, so designers of the Arts and Crafts era tended to view fences mainly as landscape features and, in the vein of Downing, advocated naturalistic, minimalist wood fences if at all. At the same time, the architectural ideas of the 18th century were being reincarnated in the Colonial Revival movement, bringing with them a renewed interest in the Classical wood fence, replete with pineapple gatepost finials.

Wrought Iron

Wood may be plentiful but it is perishable, and the more durable fence has always been made from ironwork, a tradition that has its roots in Europe but begins in America with the first domestic forge: the Saugus Ironworks in Massachusetts, established in 1644. An ancient material (and different in composition today), wrought iron is iron ore refined with a low carbon content (no more than .35 percent). Compared to the higher carbon content of cast iron and steel, wrought iron is close to pure iron, making it very malleable and readily formed into characteristic scrolls, twists and leaves. It is also easy to weld and less susceptible to rust than other ferrous metals.

“Originally, wrought iron was a specific carbon content composition with specific relative elasticity,” says Don Quick of Architectural Iron Company in Milford, PA. “Today what is commonly called wrought iron is mild steel bars that are heated, ‘hammered’ and bent into shapes (frequently by machines) to mass produce scrolls, twisted bars and the like.”

Small forges like Saugus Ironworks typically produced functional products such as andirons and hardware (hinges, locks, nails), but by the 18th century fencing was more common in



PRODUCT REPORT Historic Fencing

cities such as Charleston, SC, which produced acclaimed fences and railings by three German smiths (Lusti, Christopher and Ortmann). Though much of New Orleans' illustrious ironwork is actually cast iron, earlier wrought-iron fences and railings show a French and Spanish influence, and there are indications that some pieces may have been imported from Spain.

At the turn of the 20th century, when steel had eclipsed iron as the dominant architectural metal, wrought iron enjoyed a rebirth in unmatched popularity and creativity. The revival was propelled not only by the rise of the Colonial Revival and Arts and Crafts movements, but also by the ranks of Classically trained and Beaux Arts-influenced architects at work in the day. By happy coincidence, wrought-iron craftsmen of the Revival had more sophisticated tools and aids at their disposal than early ironworkers, allowing them to make more complex designs. The period was also blessed with one of the visionary masters of the craft: Samuel Yellin. Born and trained in Poland, Yellin brought European traditions and unmatched skill and genius to his Philadelphia shop, where he and his staff of some 200 artisans turned out some of the finest ironwork ever produced in America.

Cast Iron

When cast iron started to come into its own as a building material in the 1840s, the design of fencing shifted from the creativity of wrought-iron artisan and the inherent characteristics of

Mueller Ornamental created this hand-forged fence and gate for a client on Lake Michigan.
Photo: courtesy of Mueller Ornamental Ironworks



the metal itself to the mass production of identical pieces based upon design sources beyond the fence. While cast iron had been used for centuries, it was not available in sufficient or economical quantities to be practical as a building material until the invention of the hot blast furnace in England 1824, and the switch from charcoal to coke and coal as a forge fuel. By the 1840s, cast iron was rapidly growing in importance in America. In contrast to wrought iron, cast iron could not be hammered, twisted or otherwise fashioned by an artisan; plus, though it was good in compression, to have any strength individual pieces had to be beefy and therefore

quite heavy. However, what made cast iron a revolutionary building material was the way it enabled products to be cast, and therefore mass produced rapidly and economically in identical forms and unlimited numbers.

At first, cast-iron fence patterns attempted to imitate wrought-iron designs and motifs, such as S-scrolls and bands, but the material soon developed its own design idioms. While cast iron could imitate the lithe, muscular forms of wrought iron, it could also mimic the surface decorations and general shapes and outlines of other decorative items, from houses to statuary to furniture, and that it did. Because it was

mass producible, cast iron made possible the order-by-catalog products of famous foundries, such as the Wood & Perot Iron Foundry of Philadelphia, which shipped cast-iron fencing and railings all over the country, bringing affordable fencing to wide ranges of the population. According to Rhoda Mack of Fine Architectural Metalsmiths of Chester, NY, while the large catalog foundries shipped their products great distances, they weren't the only designs available. "Once there were also many regional styles and producers," she says, "but, unfortunately, many of these patterns and molds have been lost, so many of the remaining historic patterns for cast ironwork have almost become generic."



This fence was fabricated by Mueller Ornamental with all solid bars, cast-iron points and hand-forged scrolls on the gate arch. Photo: courtesy of Mueller Ornamental Ironworks



Above: The new rear additions, designed to retain the scale and character of the original structure, include the family room (center) and the one-story breakfast room (right) extending from the new kitchen and master bedroom above.

Right: The vaulted ceiling of the new family room features unadorned arches; the fieldstone chimney was constructed with a local fieldstone.

The recent additions brought the house to just over 5,340 sq.ft. By designing four distinct additions, each having a massing and location deferential to the original house, Gleysteen Architects was able to retain the historic character and small scale of the original structure. The new family-room addition is double-stacked behind the main massing and is balanced by the new kitchen wing. The kitchen wing addition includes a breakfast room to the rear and a master bedroom suite above. The expanded garage is balanced by the expanded and converted four-season sunroom on the opposite site of the house. A new butler's pantry and mudroom, which leads to the garage, now occupy the former kitchen space.

The new family room is both the visual and functional center of the house. It connects the new kitchen and existing formal living room, and also opens to the new rear terrace and garden.

The double-height family-room space is anchored by a central stone fireplace with an inlaid medallion, and the cathedral ceiling features unadorned arches. Throughout the house, new trim work links the new and old spaces.





A new workstation is located just off the kitchen and family room.

On the exterior, the street façade retains its historic character. The original elliptical arch and leaded glass of the front entry are now the focal point, thanks to a new columned portico. New windows, trim and shutters are complemented by clapboard siding and brick gable-wall ends, which evoke New England homes of the late-18th and early-19th centuries.

"The core design solution was arrived at during the first design consultation," says Gleysteen. "We began by keeping the main wing of the older home, with its low ceilings and historic details, and added four wings of varying sizes in a 'pinwheel' fashion."

Key suppliers for the project included: CertainTeed (roofing); Fypon (exterior trim); Kohler, Waterworks and Sigma (bathroom fixtures); Kolbe Windows & Doors (windows); Charles River Door Works (garage doors); Carlisle Wide Plank Floors (hardwood flooring); and Benjamin Moore (paints and stains).

"The client is very pleased with the end result, which is a much more functional space for a growing family while keeping the exterior of the house comparable with the historic neighborhood," says Gleysteen. — Will Holloway

WEB EXTRAS: For additional photographs of this project, go to www.period-homes.com and click on "The Magazine."

The open and light-filled new kitchen, which opens to the family room, includes granite counters and an arched hood that mirrors the elliptical front entry.



Distressed knotty-oak built-ins in the mudroom provide ample storage.





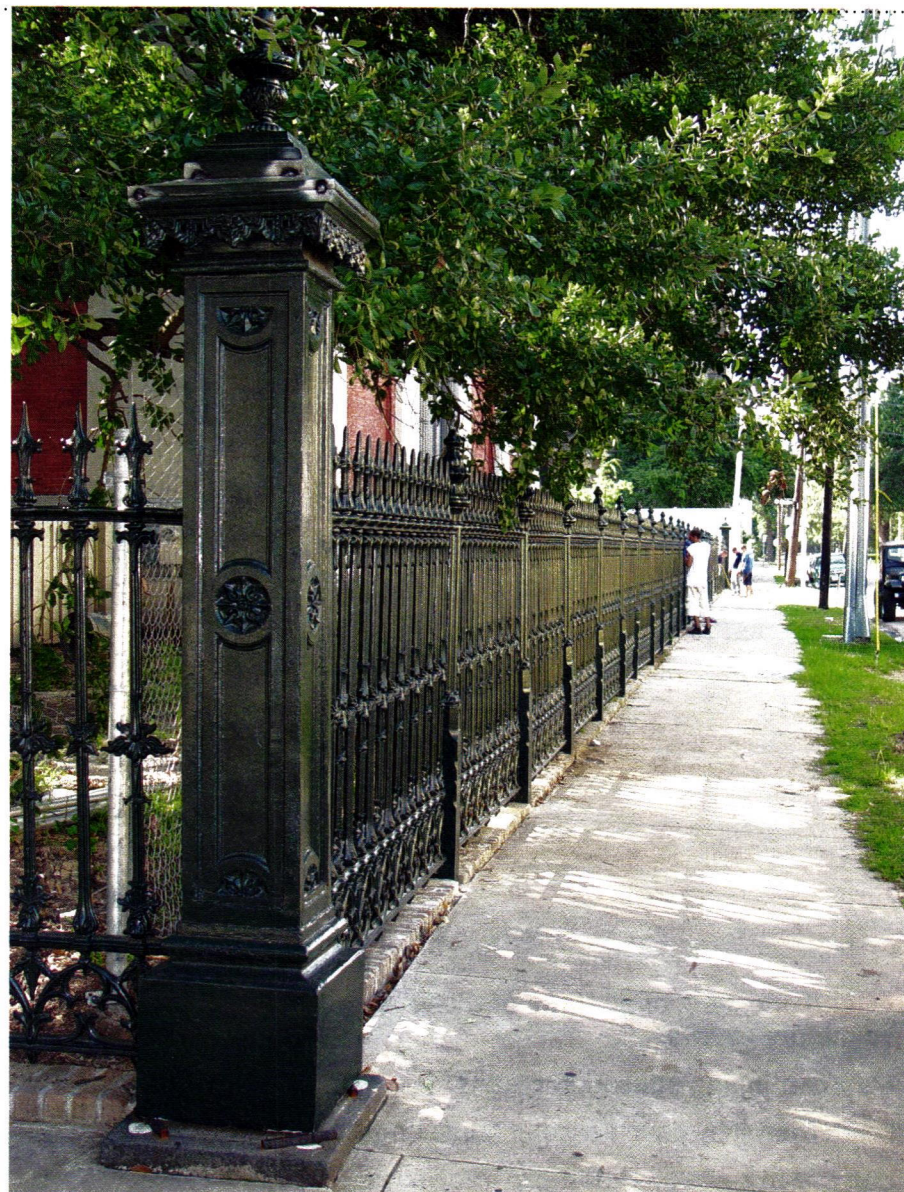
Above: Architectural Iron Company replicated this cast-iron fence for the Old Stone Church in East Haven, CT. Photo: courtesy of Architectural Iron Company

Designers soon realized that cast iron's added value was in carrying surface detail, which unleashed a heretofore unheard of vogue for architectural fencing. For example, a Greek Revival building could now sport a fence or window grilles based on the Greek key motif and adorned perhaps with durable cast-iron anthemion or acroterion. For that matter, the cast-iron fence of a Gothic Revival house or churchyard might be filled with quatrefoils, pointed arches and other Gothic motifs and symbols. Even an Egyptian Revival building, such as the 1845 Medical College of Virginia in Richmond, could be set off with an appropriate cast-iron fence supported by posts cast as – what else? – stylized mummies. Cast-iron molds were not limited to time-tested designs either, but made possible highly expressive patterns if the customer so desired. Perhaps the most famous is the iconic cornstalk fence, a pattern custom cast in 1855 by Wood and Perot for New Orleans native Dr. Joseph Biamonti, who, according to lore, wished to console his homesick Iowa bride. The fence is a favorite tourist attraction at two known New Orleans houses, and also reputed to be installed in the Midwest.

Wire Fences

Iron continued to be the most durable, as well as high-end, fence material throughout the 19th century, but by the early Industrial Revolution, it took a new, more versatile and affordable form still common today: the wire fence. One of the earliest wire fence types was the hurdle fence, which originated in England in the 1830s and eventually became commercially popular in North America in the 1840s. Fashioned from heavy wire – $\frac{1}{8}$ to $\frac{3}{8}$ in. in diameter – drawn from wrought iron, the Hurdle fence was a purely functional simple diaper or diamond matrix of diagonal wires either woven or cold-bent around a jig, then set into framed panels seven to 10 ft. long. Panels were then set between decorative cast-iron posts. Prosaic as it was compared to the more decorative fences to come, the hurdle fence remained popular into the 1880s because it bridged the era of decorative wire fences and a revival of traditional wrought-iron fences later in the century.

Right: Architectural Iron Company removed, restored and replicated approximately 800 ft. of this massive cast-iron fence surrounding Mobile Cathedral in Mobile, AL. Photo: courtesy of Architectural Iron Company



Iron wire fencing really found its stride in the mid- to late-19th century as a material that was novel and fashionable, yet practical. Landscape critics hailed it for its transparency, while architects and building owners loved its elasticity – and with a strength close to cast- or wrought-iron fences. To have more visual appeal than the hurdle fence, manufacturers crimped the iron wires into decorative, geometrical patterns not unlike those seen in tile work. By the 1850s though, they hit upon the idea of combining wire with wrought and cast iron to produce what was called a composite fence. Here, the decorative weave of a wire fence was enhanced by casting ornaments along the top rail or at strategic places where wires intersected. Composite fences were regularly used to set off featured spaces such as private yards, cemeteries and churchyards, and being relatively light and flexible they were particularly well suited to galleries and balconies – both inside as well as outside buildings – as the historic districts of cities like Savannah and New Orleans still show. By the late-19th century, the fashion for elaborate weaves began to wane, but more prosaic combinations of heavy wire, bars and castings remained popular, especially in the form of the ubiquitous hairpin fence, still a favorite today. “We’re currently extending a fence at the state capitol in Springfield that incorporates castings,” says Lynn Parquette of Mueller Ornamental Ironworks in Elk Grove, IL.

Steel Fences

Advances in mass producing steel at the end of the 19th century began to displace wrought and cast iron for fence-making, and by 1890 they ushered in a new ilk of composite fence made of steel and malleable iron. Using lighter-gauge wire that was zinc-galvanized for protection, this fencing could be machine woven for rapid production and then shipped in rolls for installation on posts. Such fencing – the precursors to the chain-link fence so ubiquitous today – were widely marketed by mail-order giants Sears Roebuck and Co. and Montgomery Ward and used on farms and households alike. The popularity of metal fencing, from iron to woven wire, continued apace well into the 20th century, until two world wars took their toll. World War I saw many old cast and iron-wire fences torn up and melted down in scrap drives – the historic fence surrounding Boston Public Garden being a famous example. During World War II, all fence production was shifted to strictly utilitarian types, spelling the end of decorative designs for most major manufacturers. ■

Gordon Bock is a writer, architectural historian, technical consultant and lecturer, as well as co-author of the new book The Vintage House (www.vintagehousebook.com).



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Presenters: To be announced.

Moderator: Judy L. Hayward, education director, Traditional Building Exhibition and Conference and Traditional Building Conference Series, Restore Media, LLC, Washington, D.C.

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Presenters: Staff from the National Park Service, Washington, D.C.

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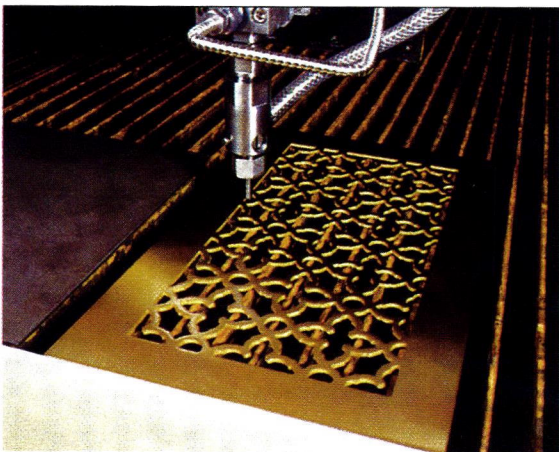
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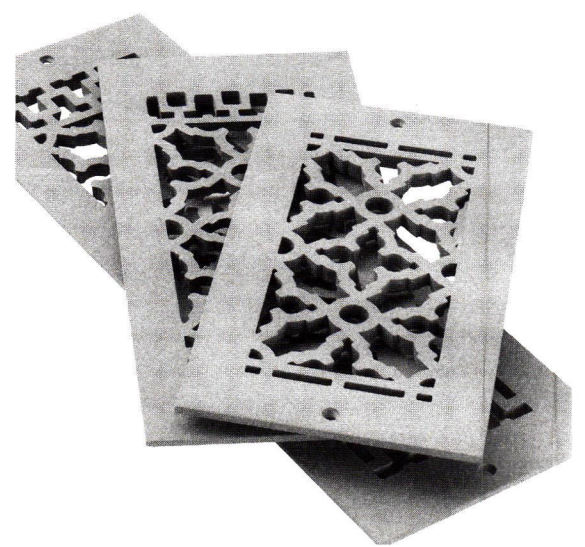
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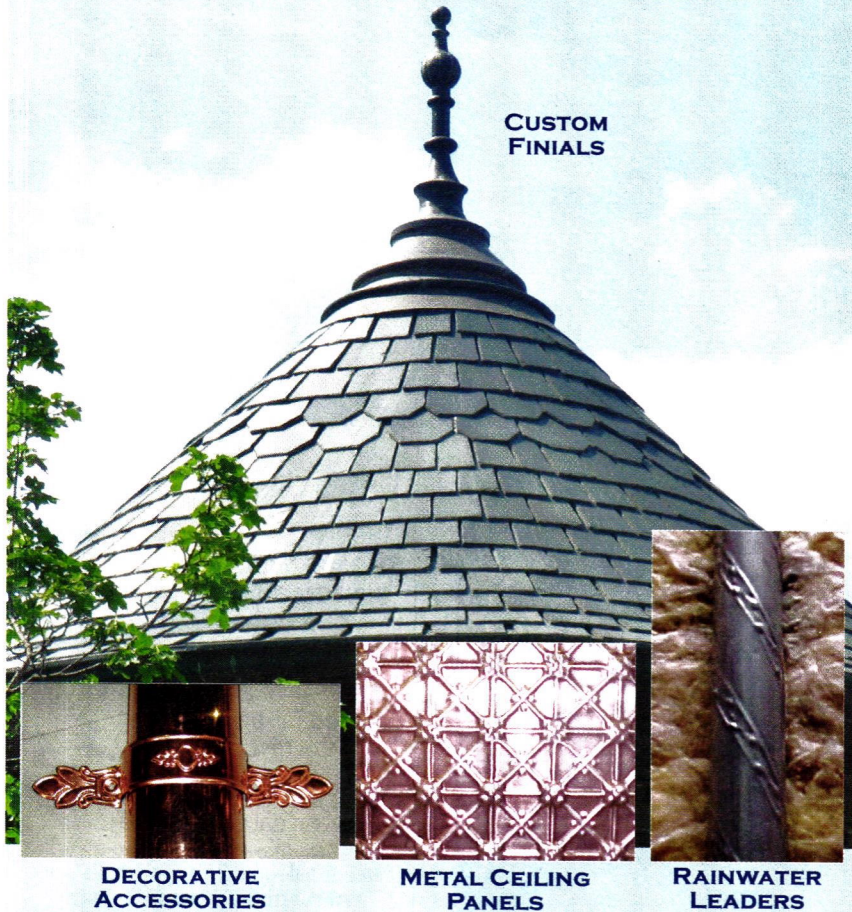
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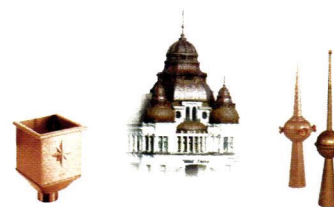
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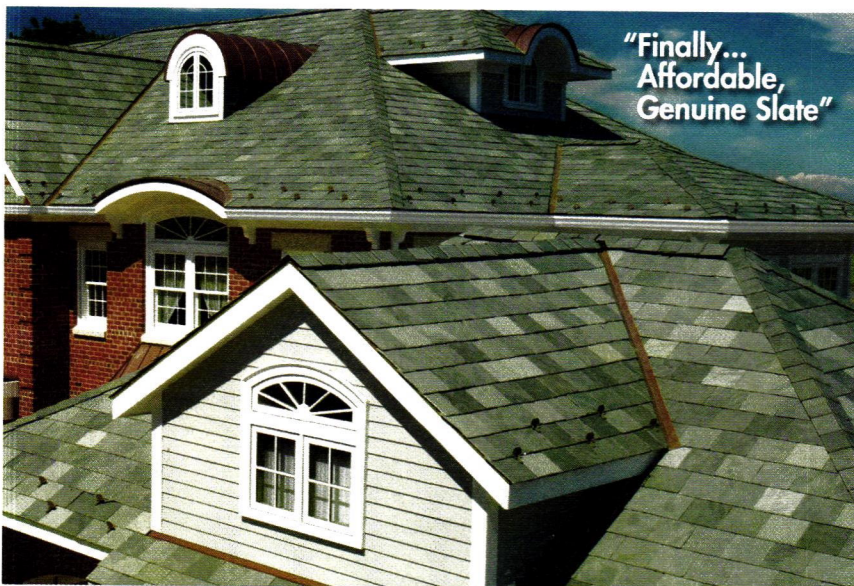
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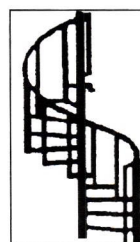
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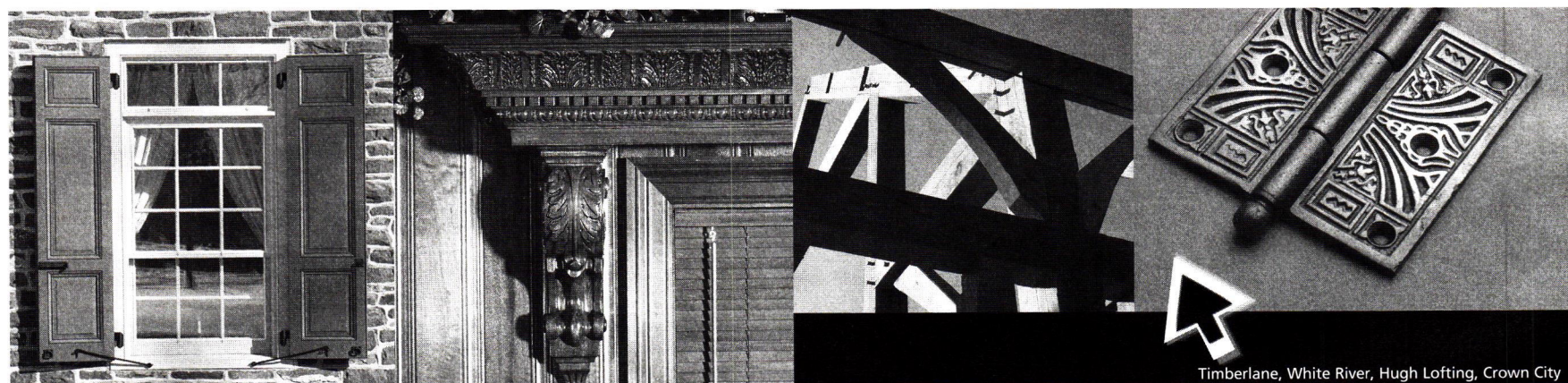
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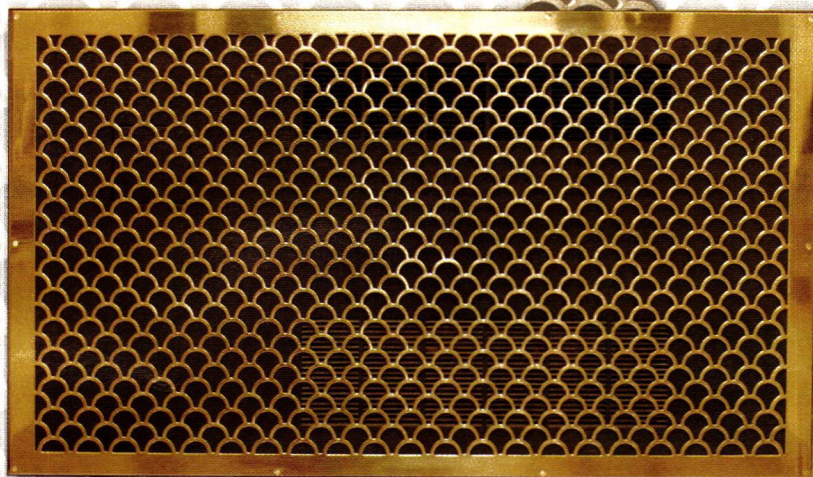
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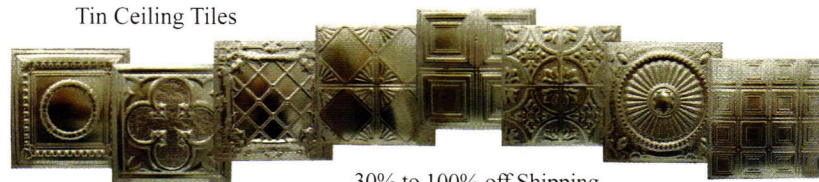
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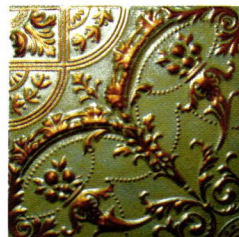
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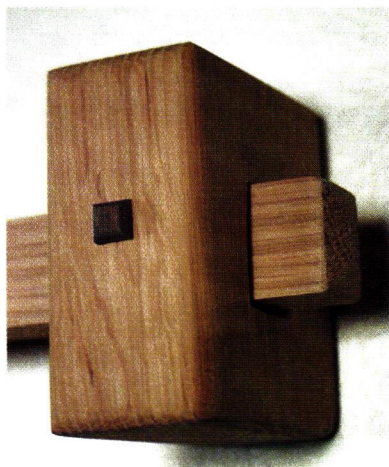
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Custom fabricator of Arts & Crafts-style lighting & copper hardware: chandeliers, sconces, lanterns & building-mounted fixtures; knobs, escutcheons, locksets, hinges, door knockers, doorbells, levers & drapery hardware; grilles.



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

Crown City Hardware Co.

626-794-1188; Fax: 626-794-2064

www.restoration.com

Pasadena, CA 91104

Supplier of hardware: glass knobs, bin pulls & door & window hardware; wrought iron/steel & brass; antique; Victorian & Arts & Crafts styles; switch plates & switches.

Crown Point Cabinetry

800-999-4994; Fax: 603-370-1218

www.crown-point.com

Claremont, NH 03743

Custom fabricator of handcrafted, period-style cabinetry for kitchens, baths & other rooms: Arts & Crafts, Shaker, Victorian, Early American & contemporary styles; available nationwide.

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Customlightstyles.com

707-547-9909; Fax: 775-465-2535

www.customlightstyles.com

Santa Rosa, CA 95409

Designer & fabricator of interior & exterior lighting: hand-forged iron, brass & copper; hand-applied metal finishes; hundreds of archived historical period drawings by request; Turn of the Century, Spanish, Arts & Crafts & other styles.

Designs in Tile

530-926-2629; No fax

www.designsintile.com

Mt. Shasta, CA 96067

Supplier of custom historic tile & murals: specialists in Victorian & English/American Arts & Crafts tile & murals; coordinated borders & field patterns; plain, 3x6-in. subway tile & molded trim; historic mosaic flooring.

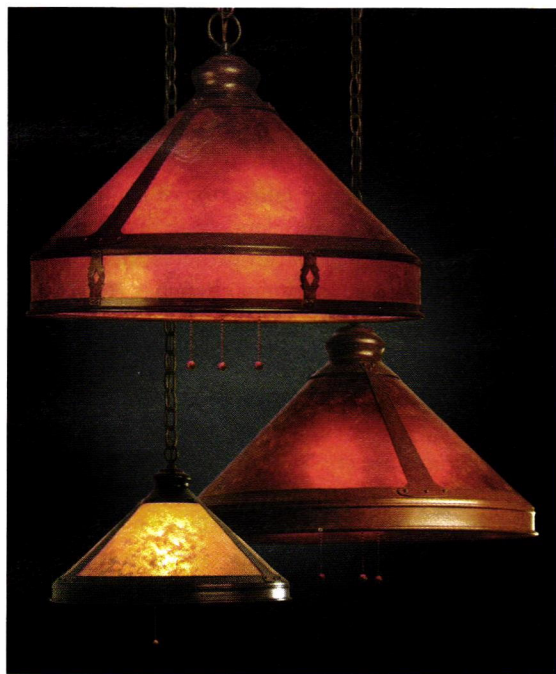
Mason and Wolf

732-866-0451; Fax: 732-866-4264

www.mason-wolf.com

Freehold, NJ 07728

Manufacturer of hand-printed silkscreen reproduction wallpaper: coordinated borders, panels, room sets & ceiling ornament; Victorian & Arts & Crafts styles; custom reproductions & historical adaptations; online catalog.



Mica Lamp offers a selection of Arts and Crafts-style light fixtures.

Mica Lamp Co.

818-241-7227; Fax: 818-241-5439

www.micalamps.com

Glendale, CA 91203

Manufacturer of handcrafted lighting fixtures: table & floor lamps, chandeliers, pendants, ceiling fixtures, sconces & lanterns; solid copper & mica & hand-forged iron & mica; Arts & Crafts & Spanish Revival styles.

Old California Lantern Co.

800-577-6679; Fax: 714-771-5714

www.oldcalifornia.com

Orange, CA 92867

Designer & manufacturer of interior & exterior lighting inspired by history & architecture: more than 875 exclusive Arts & Crafts, Cottage & Western-style designs.

Rejuvenation

888-401-1900; Fax: 800-526-7329

www.rejuvenation.com

Portland, OR 97210

Manufacturer of period-style lighting & hardware: door, bath, window & cabinet hardware; Victorian, Colonial Revival, Neoclassical, Arts & Crafts, Art Deco & Atomic Age; 12 finishes; direct delivery.



Rejuvenation's Arts and Crafts Amity exterior fixture is 12 in. tall x 5 in. wide.

Subway Ceramics

888-387-3280; No fax

www.subwaytile.com

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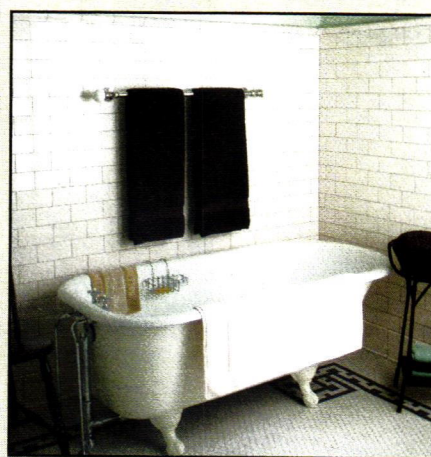
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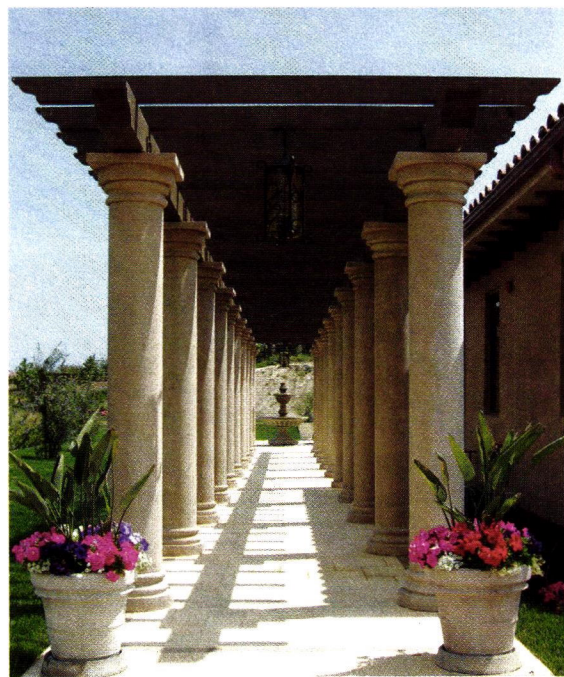
A&M Victorian Decorations, Inc.

800-671-0693; Fax: 626-575-1781

www.aandmvictorian.com

South El Monte, CA 91733

Manufacturer of architectural elements: mantels, columns, moldings, balustrades, wall caps, pavers, quoins, coping, planters, fountains & gazebos; cast stone & plaster; stock & custom designs; foam molding.



Cast-stone columns, along with capitals and bases, are available from A&M Victorian Decorations in many styles and sizes.

Agrell Architectural Carving Ltd.

415-457-4422; Fax: 415-457-4464

www.agrellcarving.com

San Rafael, CA 94901

Custom fabricator of wood carvings: hand-carved decorative moldings, capitals, brackets, furnishings, onlays & mantels; large-scale capacity for residential & religious buildings throughout the U.S. & Europe.

Architectural Elements, Inc.

800-399-0268; Fax: 978-263-8504

www.architectural-elements.com

Boxborough, MA 01719

National discount supplier of stock & custom decorative molding & millwork, columns & capitals for interior & exterior: crown, cornice & flexible moldings; ceiling medallions; brackets, corbels & composite & fiberglass balustrade & railing system.

Cantera Especial

800-564-8608; Fax: 818-907-0343

www.canteraespecial.com

Pacific Palisades, CA 90272

Manufacturer of hand-carved natural-stone products made from limestone, cantera, adobe, travertine, marble & sandstone quarried in Europe & Mexico: fireplaces, fountains, columns, balustrades, gazebos, cornices, flooring, planters & sculpture.

Canterland of Mexico

800-567-8608; Fax: 818-907-0343

www.canterlandmex.com

Pacific Palisades, CA 90272

Custom fabricator of architectural stone carvings: mantels, fountains, columns, capitals, door & window frames, countertops & more; Crema Maya, Ticul & Coquina stone; manufactured in the Yucatan Peninsula.

Century Architectural Specialties

770-590-1999; Fax: 770-590-3190

www.architecturalspecialties.com

Marietta, GA 30066

Manufacturer of interior & exterior moldings: crown, cornice, corner, chair rail, frieze & other moldings; niches, pilasters, plinths, columns, corbels & stair brackets; ceiling rims, domes & medallions.

Chadsworth Columns

800-486-2118; Fax: 910-763-3191

www.chadsworth.com

Wilmington, NC 28402

Manufacturer of authentically correct architectural columns: complete line of columns, piers, pilasters & posts; interior & exterior; variety of sizes, styles & materials; 4 different grade levels of wood columns; interior molded ornament; millwork.

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This house features Chadsworth's Greek Erechtheum columns, above Tuscan pillars.

Decorators Supply Corp.

800-792-2093; Fax: 773-847-6357

www.decoratorssupply.com

Chicago, IL 60609

Manufacturer of classic architectural elements: plaster crowns, ceiling medallions, ceilings,

niches & swags; 13,000 appliques for woodwork/furniture; 900 sizes of column capitals, pilaster capitals, corbels & columns; 15 styles of traditional wood mantels; classically inspired grilles; since 1883.

DMS Studios

718-937-5648; Fax: 718-937-2609

www.dmsstudios.com

Long Island City, NY 11101

Manufacturer & custom fabricator of hand-carved mantels & architectural & landscape ornament: historically accurate; custom projects; marble & limestone; statuary, fountains, benches & capitals; load- & non-load-bearing columns.

Fagan Design & Fabrication, Inc.

203-937-1874; Fax: 203-937-7321

www.fagancolumns.net

West Haven, CT 06516

Manufacturer of custom wood columns, cylinders, rope twists, large turnings, octagons & pilasters: Classical order; load bearing & ornamental; replication for restoration; stain grade in any species.

Goodwin Associates

585-248-3320; Fax: 585-387-0153

www.goodwinassociates.com

Tampa, FL 33602

Supplier of interior & exterior architectural building products: columns, capitals, balustrade systems, moldings, domes, medallions, metal ceilings & more; polyurethane, wood & fiberglass; stock & custom.

Haddonstone (USA), Ltd.

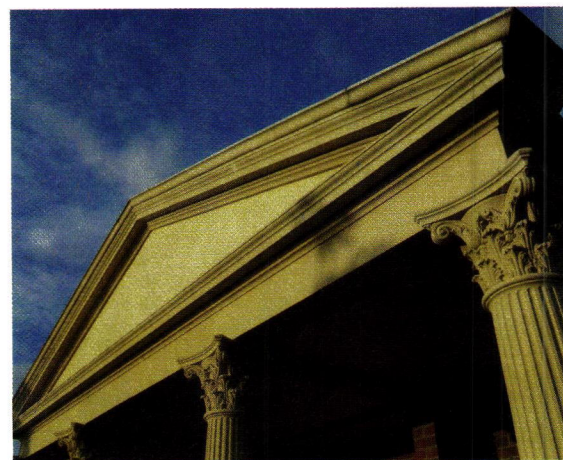
719-948-4554; Fax: 719-948-4285

www.haddonstone.com

Pueblo, CO 81001

U.S. - & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, planters, balustrades, sculpture, columns, capitals, porticos, cornices, weathervanes, molding, trim, molded panels & more; custom components.

Click on No. 4020



Haddonstone manufactured this portico with Corinthian capitals and fluted columns.

Heather & Little Limited

800-450-0659; Fax: 905-475-9764

www.heatherandlittle.com

Markham, ON, Canada L3R 0H1

Custom fabricator & supplier of sheet-metal roofing & specialty architectural sheet metal: finials, cornices, cresting, canopies, shingles, siding, cupolas, steeples, domes & snowguards; reproductions; custom bronze windows.

Click on No. 1708

*Heather & Little fabricated this copper capital.***Historical Arts & Casting, Inc.**

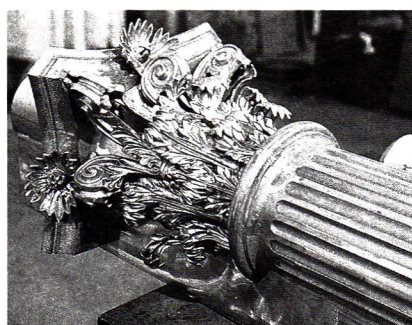
800-225-1414; Fax: 801-280-2493

www.historicalarts.com

West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.

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*Historical Arts & Casting designed and fabricated the Corinthian capital for this fluted column.***Manor Style, Inc.**

800-325-2188; Fax: 443-200-0010

www.traditional-building.com/brochure/manor.htm

Baltimore, MD 21207

Custom fabricator, assembler & nationwide supplier of architectural elements: FYPON PVC square columns, newels, panels, arches, trellis & trim; load-bearing fiberglass columns & capitals; mantels; preformed balustrade systems.

North American Stone Co.

972-562-9992; Fax: 972-562-0794

www.northamericanstone.com

McKinney, TX 75071

Manufacturer of custom architectural cast-stone elements: mantels, columns, balustrades, landscape elements, entry systems, pavers, fountains, planters, urns, benches & more.

Old World Stone Ltd.

800-281-9615; Fax: 905-332-6068

www.oldworldstone.com

Burlington, ON, Canada L7L 4Y1

Supplier of dimensional-cut limestone & sandstone: columns, mantels, architectural ornament, signage & garden ornament for new & restoration projects.

Pacific Columns

800-294-1098; Fax: 714-257-9628

www.pacificcolumns.com

Brea, CA 92821

Supplier of interior & exterior columns: roped, belly, carved, high relief, embossed & octagonal; up to 36-in. dia. & 36-ft. lengths; capitals, pilasters, balustrades & porch posts; metal, wood, FRP fiberglass & polymer window trim; shutters; cupolas.

Pietra del Mar, Inc.

949-675-0600; Fax: 949-675-0601

www.pietradelmar-ca.com

Newport Beach, CA 92663

Fabricator of hand-carved stone elements: mantels, columns, capitals, balustrades, niches, fountains & garden elements.



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800-204-3858; Fax: 256-761-1967

www.allenmetals.com

Talladega, AL 35161

Manufacturer of custom ornamental metal castings: capitals, fences, lighting, planters, gazebos, doors, windows, grilles, skylights, cresting, fountains & porch parts; iron, aluminum, bronze, brass, stainless steel & ductile iron.

Authentic Provence, Inc.

561-805-9995; Fax: 561-805-5730

www.authenticprovence.com

West Palm Beach, FL 33401

Importer of authentic French & Italian garden antiques: hand-sculpted fountains in French limestone & Italian marble, mantels, statuary, reliefs, sundials, urns, tables & benches; terra-cotta, lead & zinc planters & more; pavilions.

Country Carpenters, Inc.

860-228-2276; Fax: 860-228-5106

www.countrycarpenters.com

Hebron, CT 06248

Manufacturer of New England-style post-&-beam carriage houses, garden houses, sheds & country barns: pre-cut & -engineered for assembly by either the firm or a professional carpenter.

Click on No. 246



This pool house was built with a post-and-beam kit from Country Carpenters.

Dalton Pavilions, Inc.

800-532-5866; Fax: 215-721-1501

www.daltonpavilions.com

Telford, PA 18969

Designer & manufacturer of gazebos: several styles & sizes; western red cedar; installation services; product portfolio \$2.

Fifthroom.com

888-293-2339; Fax: 724-444-5301

www.fifthroom.com

Gibsonia, PA 15044

Supplier of indoor & outdoor furniture, landscape structures & garden specialties: arbors, gazebos, pergolas, cabanas, pool houses, patio furniture, planters & more.

Click on No. 1713



Fifth Room supplied this 14x18-ft. treated pine rectangular double roof gazebo with two custom 12x12-ft. treated pine pergolas attached.

Glass House, LLC

800-222-3065; Fax: 860-974-1173

www.glasshouseusa.com

Pomfret Center, CT 06259

Fabricator of traditional conservatories, greenhouses, sunrooms, pool enclosures, roof lanterns, specialty skylights & glass roof systems: mahogany or aluminum frame & copper; custom fabrication.

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This Classic conservatory designed by Glass House, LLC, features mahogany framing, true-divided-lite windows and doors, automated ridge vents and a shading system.

Haddonstone (USA), Ltd.

719-948-4554; Fax: 719-948-4285

www.haddonstone.com

Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, planters, balustrades, sculpture, columns, capitals, porticos, cornices, weathervanes, molding, trim, molded panels & more; custom components.

Click on No. 4020



The Venetian Folly from Haddonstone includes Tuscan columns, a pedimented arch, quoins and balustrading.

Hampton Conservatories, LLC

631-271-4177; Fax: 631-271-4238

www.hamptonconservatories.com

Huntington Station, NY 11746

Designer, manufacturer & installer of traditional English conservatories, sunrooms, pool enclosures, greenhouses, garden rooms & skylights.



Hampton Conservatories offers greenhouses and conservatories custom designed to client specifications.

Hartley Botanic Inc.

781-933-1993; Fax: 781-933-1992

www.hartleybotanic.com

Woburn, MA 01801

Manufacturer of custom greenhouses & other horticultural structures for residences & horticultural institutes: for over 70 years.

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Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493

www.historicalarts.com

West Jordan, UT 84081

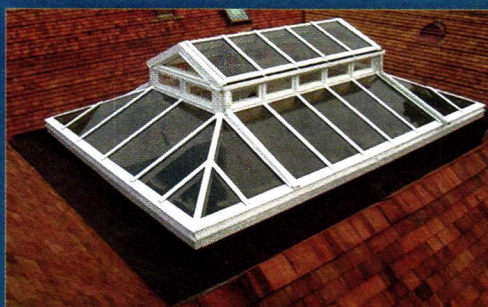
Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.

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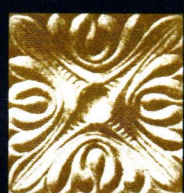
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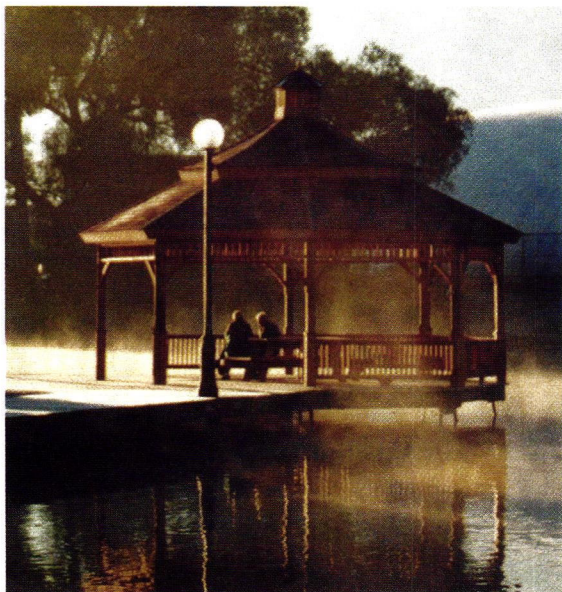
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www.limestonetrail.com

Beamsville, ON, Canada L0R 1B4

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New England Garden Ornaments

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www.negardenornaments.com

Sudbury, MA 01776

Importer of cast architectural ornament from 3 English companies: Chilstone, Haddonstone & Yorkstone; pavers, planters, urns, quoins, columns, pilasters, pier caps, copings, fountains, porticos, temples, pavilions & cornices.

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, roof lanterns, pool/spa enclosures & glass domes: handcrafted in England; mortise-&-tenon construction; premium-grade mahogany.



This dramatic two-story conservatory with a soaring lantern roof is anchored by double corner columns; it was custom designed and fabricated by Oak Leaf Conservatories.

Renaissance Conservatories

800-882-4657; Fax: 717-661-7727

www.renaissanceconservatories.com

Leola, PA 17540

Custom fabricator & installer of traditional conservatories, sunrooms, greenhouses, skylights, roof lanterns, garden houses, pool enclosures & garden windows: handcrafted mahogany & cedar components.

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This mahogany conservatory was designed and built by Renaissance.

Walpole Woodworkers

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www.walpolewoodworkers.com

Walpole, MA 02081

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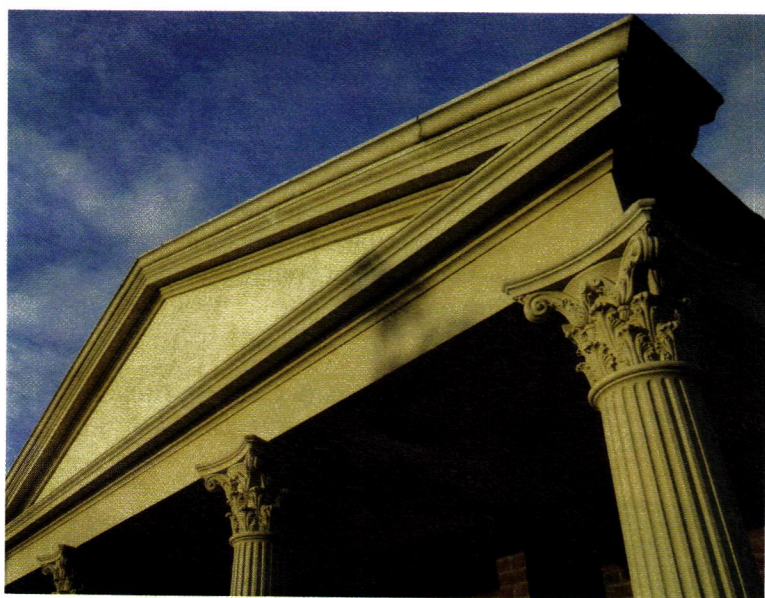
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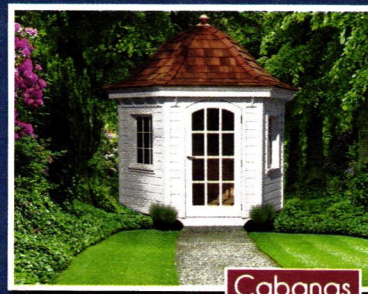
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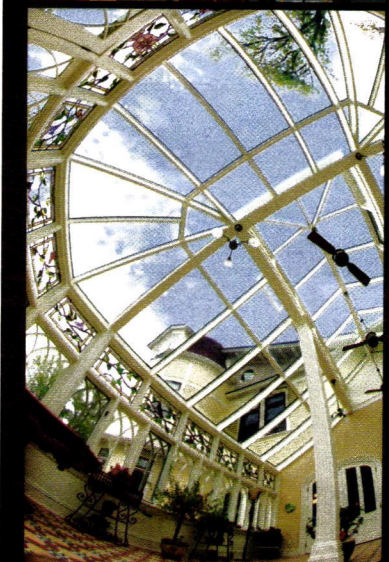
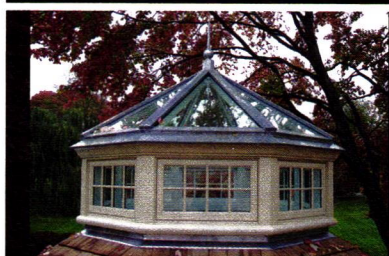
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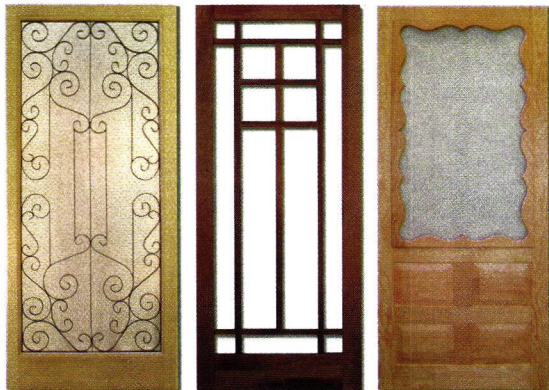
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Coppa Woodworking
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www.coppawoodworking.com
San Pedro, CA 90731

Manufacturer of wood screen & storm doors: more than 300 styles; custom sizes, several wood types & multiple finishes; arch tops, dog doors, wood window screens & storm windows.

Click on No. 9600



E.R. Butler's extensive collection includes French door hardware.

E.R. Butler & Co.

212-925-3565; Fax: 212-925-3305

www.erbutler.com

New York, NY 10012

Manufacturer of Early American door, window & furniture hardware: 19th-century shell-shanked crystal, porcelain & wood trimmings; brass, bronze, nickel-silver & wrought iron; custom-plated & -patinated finishes; restoration work.

Click on No. 2260

Hahn's Woodworking Co., Inc.

908-722-2742; Fax: 908-722-2736

www.hahnswoodworking.com

Branchburg, NJ 08876

Manufacturer of wood garage & carriage-house doors & traditional out-swing & sliding barn doors: clear mahogany, Spanish cedar & other species; custom wood entry doors; restoration services.

Click on No. 6640

Hamilton Sinkler

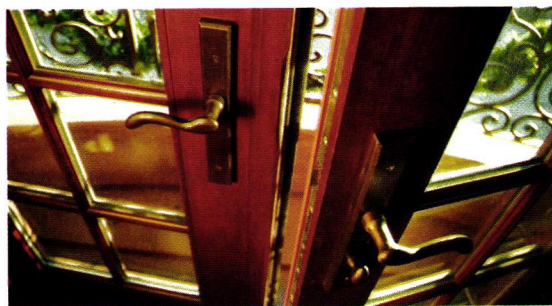
212-760-3377; No fax

www.hamiltonsinkler.com

New York, NY 10016

Manufacturer of decorative registers & vents, door & window hardware, cabinet hardware, bathroom accessories & more: brass, bronze & nickel; custom work.

Click on No. 1618



The cast-bronze Jefferson lever is handcrafted by Hamilton Sinkler.

HeartWood Fine Windows & Doors

585-340-9085; Fax: 585-254-1760

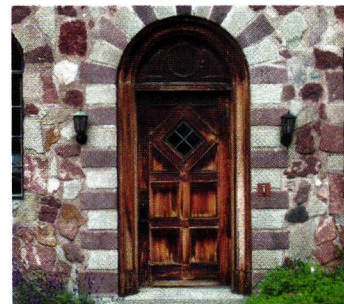
www.heartwoodwindowsanddoors.com

Rochester, NY 14606

Manufacturer of custom architectural wood

windows & doors: made from Honduras mahogany & other species; traditional mortise-&-tenon construction; standard & decorative glazing; 65-year-old company.

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HeartWood Fine Windows & Doors made this 2 1/4-in. thick mortise-and-tenon solid-wood door of sawn white oak to replicate the original door made 100 years ago.

Heather & Little Limited

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Custom fabricator & supplier of sheet-metal roofing & specialty architectural sheet metal: finials, cornices, cresting, canopies, shingles, siding, cupolas, steeples, domes & snowguards; reproductions; custom bronze windows.

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Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493

www.historicalarts.com

West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.

Click on No. 1210

House of Antique Hardware

888-223-2545; Fax: 503-233-1312

www.hoah.us

Portland, OR 97232

Supplier of door, window, cabinet, furniture, electrical & bath hardware: original antique & vintage reproductions; Federal, Victorian & Arts & Crafts styles; hardware specialists available to assist with renovation projects.

Click on No. 339



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

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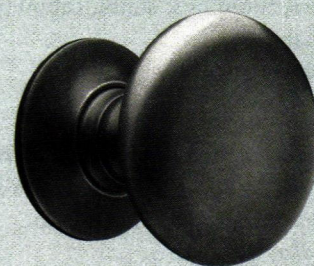
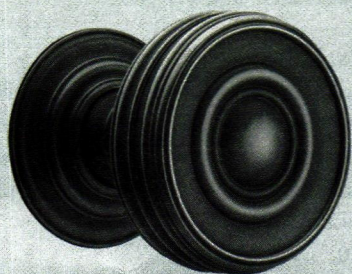
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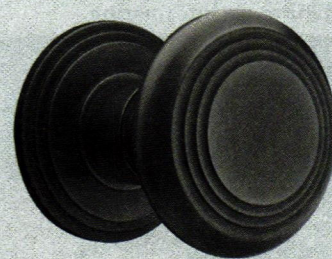
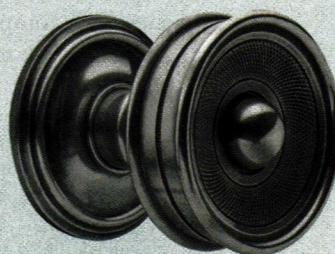
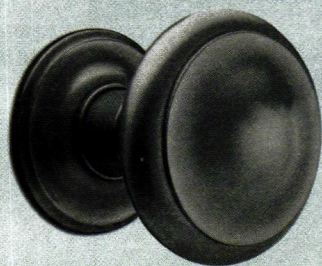
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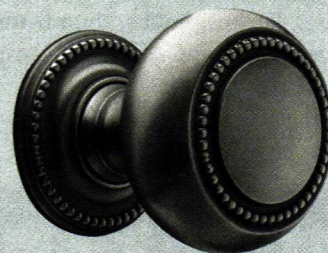
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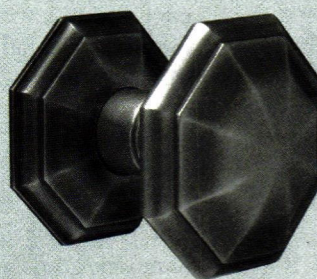
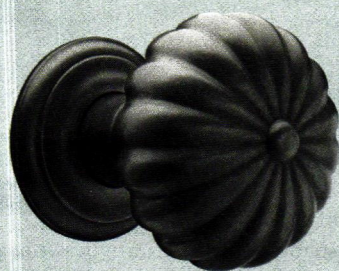
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Designer & builder of historically accurate architectural interiors: English, French, Georgian, Federal, Victorian & Arts & Crafts interiors; doors, moldings, stairs, cabinetry, paneled walls & mantels.

Click on No. 3016

Kayne & Son Custom Hardware

828-667-8868; Fax: 828-665-8303

www.customforgedhardware.com

Candler, NC 28715

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

Call for more information.



These cast-brass fleur-de-lis thumb-latch sets from Kayne & Son have an antique finish.

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207-593-7405; Fax: 207-226-2033

www.lope-hardware.com

Rockland, ME 04841

Designer & manufacturer of custom hardware: levers, latches, knobs, thumb-turns, pulls, locks, hinges & more; CAD & CNC capabilities.

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The Ultimate Outswing French Door is one of many traditionally styled doors available from Marvin Windows and Doors.

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888-537-7828; Fax: 651-452-3074

www.marvin.com

Warroad, MN 56763

Manufacturer of all-wood & clad-wood windows & doors: round top, oval, casement & double hung; custom shapes & historic window replication; dual durometer, bulb & leaf weather stripping; storm windows; numerous design choices & glazing options.

Click on No. 1611

Parrett Windows & Doors

800-541-9527; Fax: 877-238-2452

www.parrettwindows.com

Dorchester, WI 54425

Manufacturer of custom wood & aluminum-clad windows: any geometric shape, numerous wood species & complete finishing capabilities; historical replications; custom wood doors in numerous species with complete finishing options; screen doors, casings & moldings.

Click on No. 3003



Parrett Windows & Doors offers a wide selection of historical doors.

Pella Windows and Doors

641-621-6272; Fax: 641-621-3466

www.pella.com

Pella, IA 50219

Manufacturer of windows & doors: wood, aluminum-clad wood, fiberglass, & vinyl; variety of wood types; renovation & new construction; experience on National Park Service projects; standard and custom sizes, shapes, colors, styles, muntin patterns, and exterior casings/brickmolds; many glass and hardware options; high transparency screens, wide variety of installation systems, local representation & service.

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Phelps Co.

802-257-4314; Fax: 802-258-2270

www.phelpscompany.com

Brattleboro, VT 05301

Manufacturer & designer of traditional, hot-forged solid-brass window hardware: sash pulleys,

weights, chains & cords, sash locks & lifts, casement stays & fasteners, storm/screen hangers, bronze screen wire & screen-door latch sets.

Click on No. 6001

The Nanz Company

212-367-7000; Fax: 212-367-7375

www.nanz.com

New York, NY 10025

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

Click on No. 1150



Traditionally styled door hardware is available from The Nanz Company.

Wiemann Metalcraft

918-592-1700; Fax: 918-592-2385

www.wmcrafft.com

Tulsa, OK 74107

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors, balconies & more; all cast & wrought metal alloys, finishes & architectural styles; since 1940.

Click on No. 1223



Wiemann Metalcraft fabricated this bronze door with insulated glass.

Woodstone Co.

802-722-9217; Fax: 802-722-9528

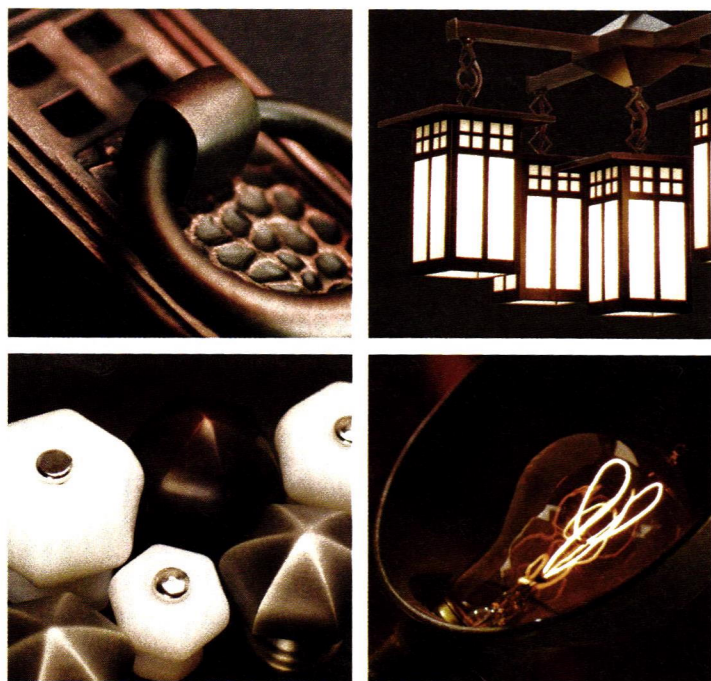
www.woodstone.com

Westminster, VT 05158

Manufacturer of custom wood windows & doors: wide array of wood species; coped mortise-&-tenon joinery; all shapes, sizes & configurations; screen doors & storm windows; historical & landmark specifications.

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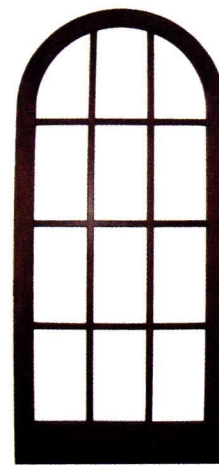
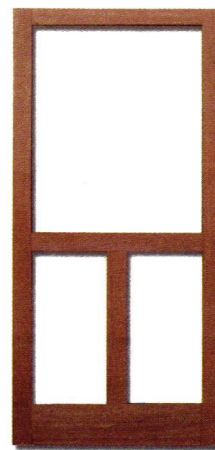
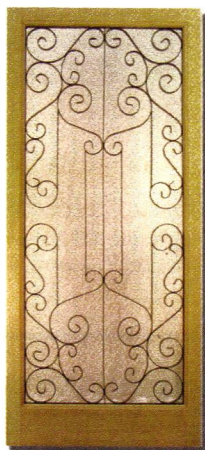
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tell them you saw their listing in **Period Homes**.

Windows & Window Hardware

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Allied Window, Inc.

800-445-5411; Fax: 513-559-1883

www.alliedwindow.com

Cincinnati, OH 45241

Manufacturer of "invisible" interior/exterior aluminum storm windows: all custom shapes & colors; screens; magnetic, sliding, lift-out & mechanical fastenings; UV-resistant, low-E, tempered, acrylic & lexan glazing.

Click on No. 690



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

E.R. Butler & Co.

212-925-3565; Fax: 212-925-3305

www.erbutler.com

New York, NY 10012

Manufacturer of Early American door, window & furniture hardware: 19th-century shell-shanked crystal, porcelain & wood trimmings; brass, bronze, nickel-silver & wrought iron; custom-plated & -patinated finishes; restoration work.

Click on No. 2260

Hamilton Sinkler

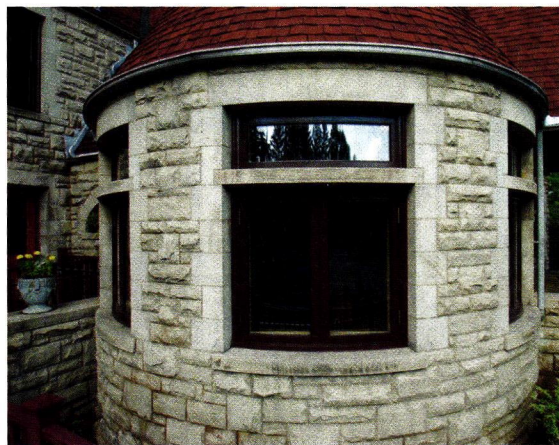
212-760-3377; No fax

www.hamiltonsinkler.com

New York, NY 10016

Manufacturer of decorative registers & vents, door & window hardware, cabinet hardware, bathroom accessories & more: brass, bronze & nickel; custom work.

Click on No. 1618



HeartWood supplied the replacement windows for this 100-year-old cemetery gatehouse in Rochester, NY; they are made of quarter-sawn white oak and bent glass.

HeartWood Fine Windows & Doors

585-340-9085; Fax: 585-254-1760

www.heartwoodwindowsanddoors.com

Rochester, NY 14606

Manufacturer of custom architectural wood windows & doors: made from Honduras mahogany & other species; traditional mortise-&-tenon construction; standard & decorative glazing; 65-year-old company.

Click on No. 1541

Heather & Little Limited

800-450-0659; Fax: 905-475-9764

www.heatherandlittle.com

Markham, ON, Canada L3R 0H1

Custom fabricator & supplier of sheet-metal roofing & specialty architectural sheet metal: finials, cornices, cresting, canopies, shingles, siding, cupolas, steeples, domes & snowguards; reproductions; custom bronze windows.

Click on No. 1708



This Kalamein bronze window was fabricated by Heather & Little.

Coppa Woodworking

310-548-4142; Fax: 310-548-6740

www.coppawoodworking.com

San Pedro, CA 90731

Manufacturer of wood screen & storm doors: more than 300 styles; custom sizes, several wood types & multiple finishes; arch tops, dog doors, wood window screens & storm windows.

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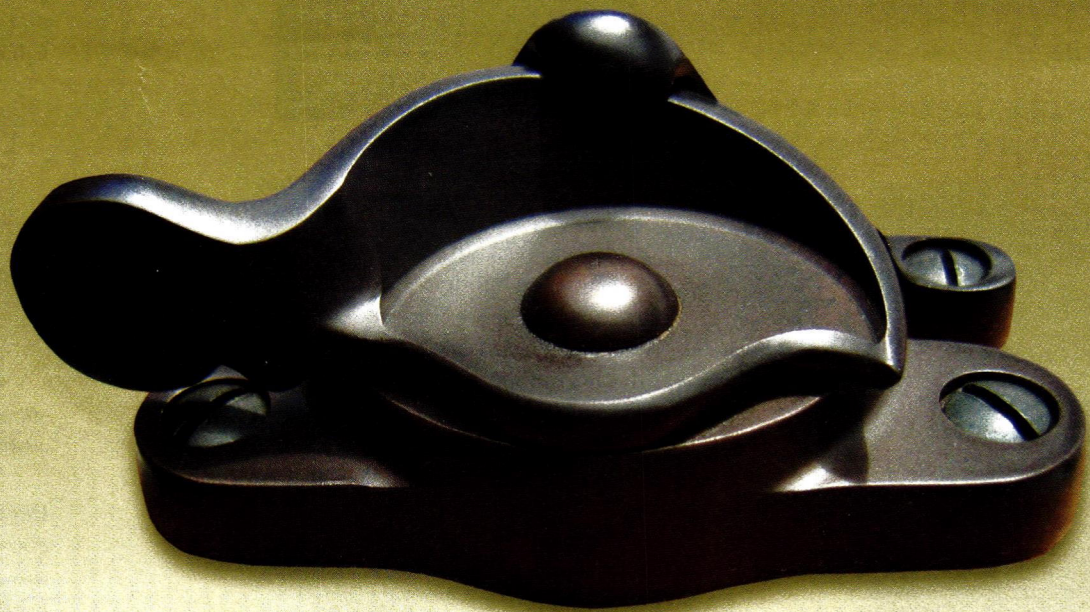
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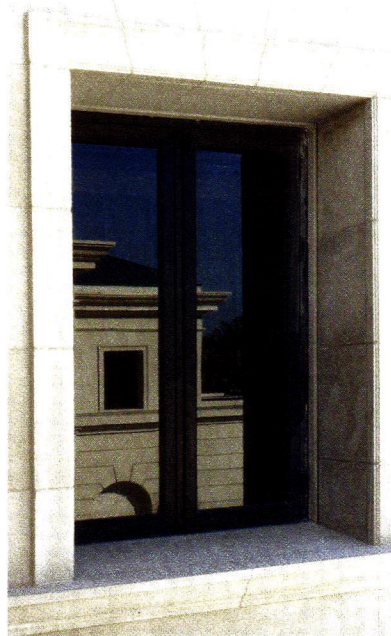
800-225-1414; Fax: 801-280-2493

www.historicalarts.com

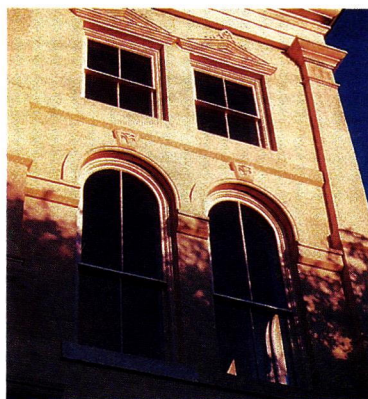
West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.

Click on No. 1210



This cast-bronze window from Historical Arts & Casting is available in various sizes.



Hull Historical used historical joinery techniques when constructing the wood windows for this building in Texas.

Hull Historical Millwork

817-332-1495; Fax: 817-332-1496

www.brenthull.com

Fort Worth, TX 76104

Designer & builder of historically accurate architectural interiors: English, French, Georgian, Federal, Victorian & Arts & Crafts interiors; doors, moldings, stairs, cabinetry, paneled walls & mantels.

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Kayne & Son Custom Hardware

828-667-8868; Fax: 828-665-8303

www.customforgedhardware.com

Candler, NC 28715

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

Call for more information.

Lowe Hardware

207-593-7405; Fax: 207-226-2033

www.lowe-hardware.com

Rockland, ME 04841

Designer & manufacturer of custom hardware: levers, latches, knobs, thumb-turns, pulls, locks, hinges & more; CAD & CNC capabilities.

Click on No. 1714

Marvin Windows and Doors

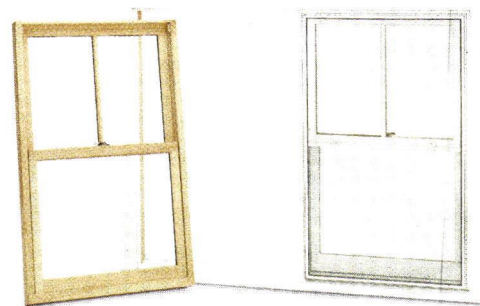
888-537-7828; Fax: 651-452-3074

www.marvin.com

Warroad, MN 56763

Manufacturer of all-wood & clad-wood windows & doors: round top, oval, casement & double hung; custom shapes & historic window replication; dual durometer, bulb & leaf weather stripping; storm windows; numerous design choices & glazing options.

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All-wood interior and exterior insert double-hung windows and screens are offered by Marvin.

Parrett Windows & Doors

800-541-9527; Fax: 877-238-2452

www.parrettwindows.com

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Parrett Windows & Doors offers a wide selection of historical windows.

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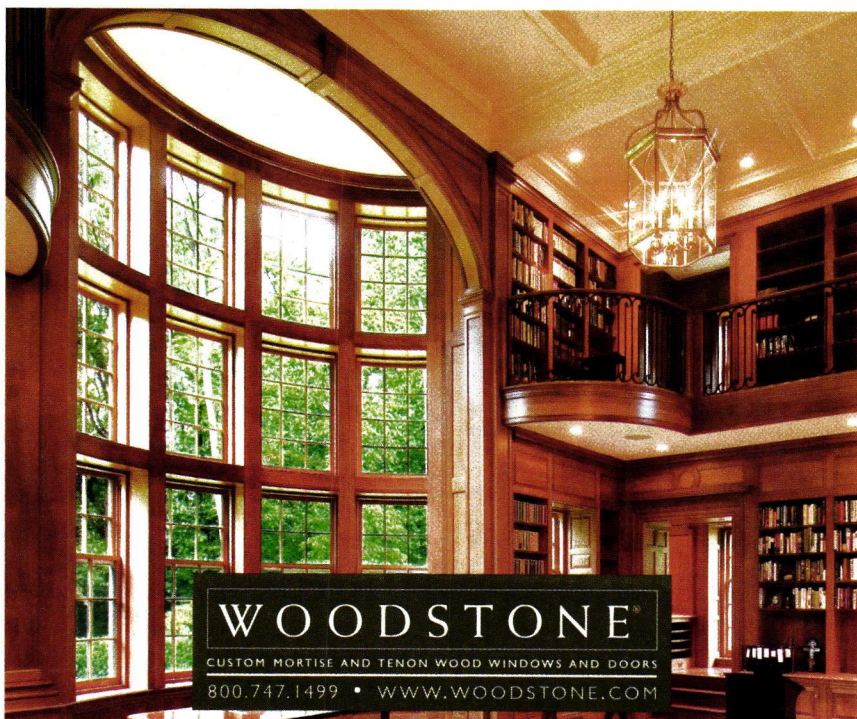
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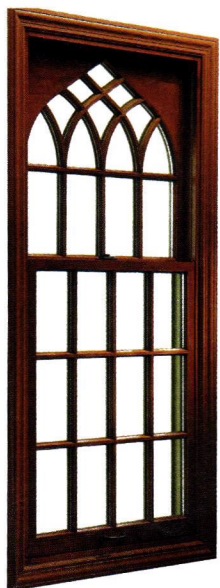
641-621-6272; Fax: 641-621-3466

www.pella.com

Pella, IA 50219

Manufacturer of windows & doors: wood, aluminum-clad wood, fiberglass, & vinyl; variety of wood types; renovation & new construction; experience on National Park Service projects; standard and custom sizes, shapes, colors, styles, muntin patterns, and exterior casings/brickmolds; many glass and hardware options; high transparency screens, wide variety of installation systems, local representation & service.

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Brattleboro, VT 05301

Manufacturer & designer of traditional, hot-forged solid-brass window hardware: sash pulleys, weights, chains & cords, sash locks & lifts, casement stays & fasteners, storm/screen hangers, bronze screen wire & screen-door latch sets.

Click on No. 6001

The Nanz Company

212-367-7000; Fax: 212-367-7375

www.nanz.com

New York, NY 10025

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

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Woodstone Co.

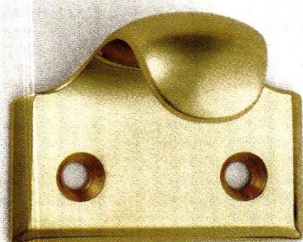
802-722-9217; Fax: 802-722-9528

www.woodstone.com

Westminster, VT 05158

Manufacturer of custom wood windows & doors: wide array of wood species; coped mortise-&-tenon joinery; all shapes, sizes & configurations; screen doors & storm windows; historical & landmark specifications.

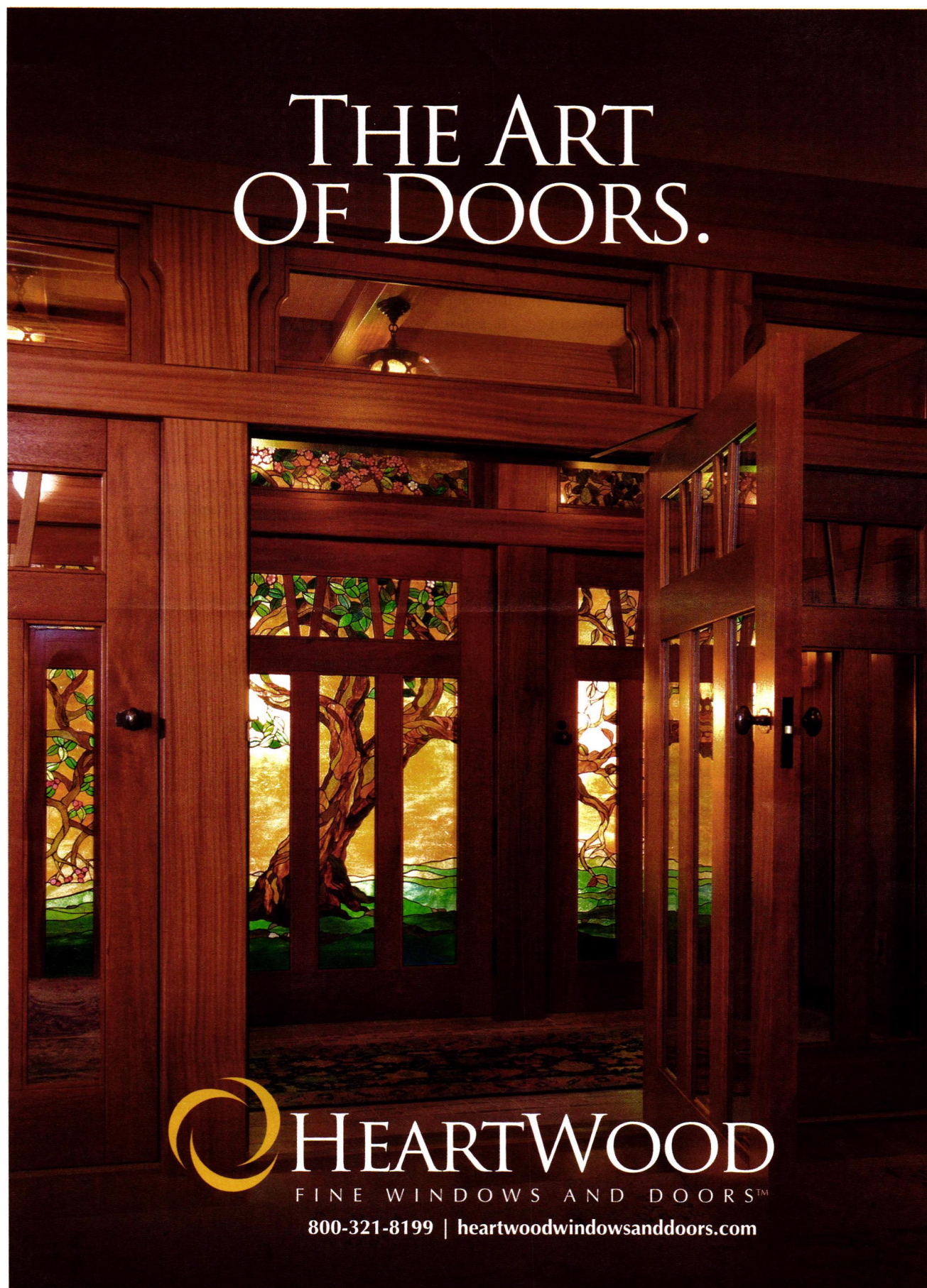
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The model LF23 from Phelps Company is one of many traditional sash lifts available from the firm; it is hot forged from solid brass and hand polished.

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Acorn Forged Iron

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www.acornmfg.com

Mansfield, MA 02048

Manufacturer of Early American-style hand-forged iron registers & grilles & iron & stainless-steel door & window hardware: latches, knockers & pulls; garage, shutter, furniture & wood-gate hardware; Tremont steel-cut nails for restoration projects.



These "S" shutter holdbacks are available in various sizes from Acorn Forged Iron.

Atlantic Premium Shutters

866-288-2726; Fax: 800-709-9109

www.atlanticpremiumshutters.com

Wixom, MI 48393

Manufacturer of custom exterior shutters: solid-panel & fixed-slat; lifetime structural warranty & 15-year finish warranty; restoration grade; handcrafted.



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

Ball & Ball Hardware

610-363-7330; Fax: 610-363-7639

www.ballandball.com

Exton, PA 19341

Manufacturer of furniture, cabinet, window, shutter & door hardware: brass, cast iron, bronze, wrought iron & steel; new reproduction & antique/reconditioned hardware; fireplace accessories; restoration services.

Beech River Mill

603-539-2636; Fax: 603-539-1384

www.beechrivermill.com

Center Ossipee, NH 03814

Supplier of louvered doors, exterior Spanish cedar shutters & shutter hardware: duplication & authentic reproduction in any size & period; consultation, design, site visit & installation services; custom work.



Beech River Mill manufactured these 1 3/4-in.-thick shutters that feature a 2 3/4-in.-wide fixed slat with scalloped corners projecting beyond the face of the frame stock.

Chadsworth Columns

800-486-2118; Fax: 910-763-3191

www.chadsworth.com

Wilmington, NC 28402

Manufacturer of authentically correct architectural columns: complete line of columns, piers, pilasters & posts; interior & exterior; variety of sizes, styles & materials; 4 different grade levels of wood columns; interior molded ornament; millwork.

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A combination of Chadsworth's Bahama and louvered shutters were used on this structure.

Custom Shutter Company

800-470-0685; Fax: 251-545-4120

www.customshuttercompany.com

Fairhope, AL 36532

Supplier of exterior fiberglass & composite shutters & stainless-steel shutter hardware: decay resistant & historically inspired; unlimited custom options & style selection; advanced finishing process; lifetime finish & unlimited color selection.



Custom Shutter Company manufactured these shutters in red cedar.

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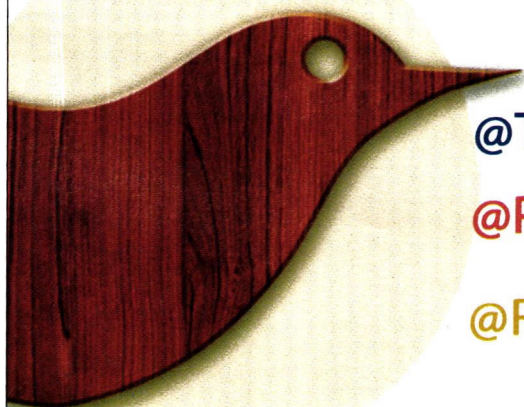


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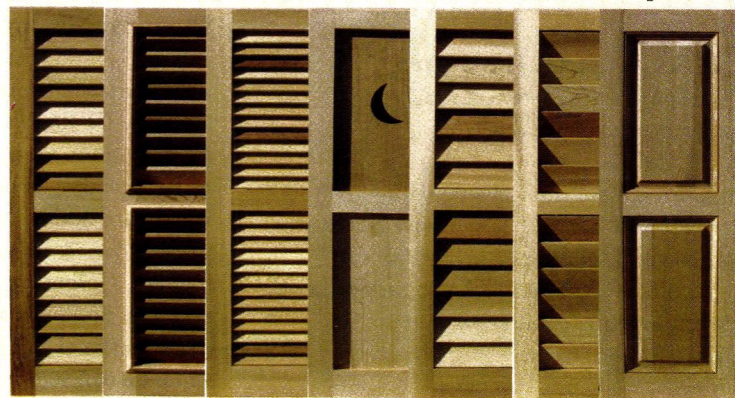
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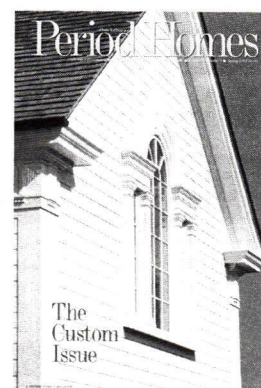
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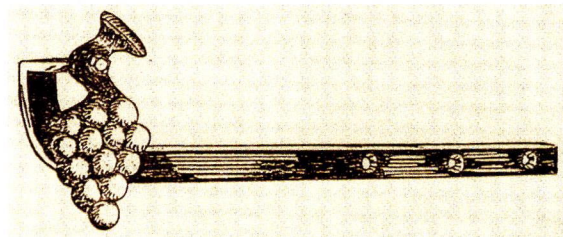
James Peters & Son, Inc.

215-739-9500; Fax: 215-739-9779

www.jamespetersandson.com

Philadelphia, PA 19122

Manufacturer of period-style hardware: for exterior shutters, doors, windows, gates, garages & barns; new reproduction hardware; wrought steel with black finish & wrought iron.



The cast-iron grape-pattern shutter dog from James Peters & Son is 15 1/4 in. long.

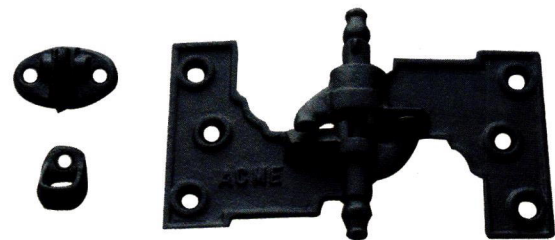
John Wright Company

717-252-4442; Fax: 717-252-3392

www.jwright.com

Wrightsville, PA 17368

Manufacturer of reproduction building hardware: cast iron & forged steel; specializes in window & shutter hardware; for renovation & new construction; since 1880.



This Acme, Lull & Porter shutter hinge features John Wright Company's WeatherWright™ powder-coated finish to protect against corrosion.

Kayne & Son Custom Hardware

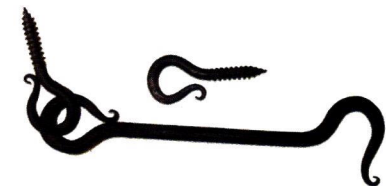
828-667-8868; Fax: 828-665-8303

www.customforgedhardware.com

Candler, NC 28715

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

Call for more information



These shutter hooks were fabricated by Kayne & Son.

Kingsland Company

860-542-6981; Fax: 860-542-1752

www.kingslandcompany.us

Norfolk, CT 06058

Manufacturer of exterior shutters in Honduras mahogany: louvered, raised panel & cutout; mortise-&-tenon construction; reproductions; copper caps, fixed control rods & hardware; paneled & louvered arched tops.



Kingsland Company manufactures a wide range of exterior shutters in Honduras mahogany.



Shuttercraft's selection of mortise-and-tenon shutters includes these fixed louvers, shown here mounted on stone.

Timberlane, Inc.

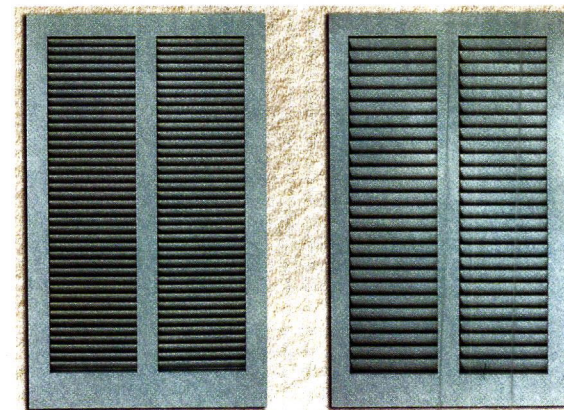
215-616-0600; Fax: 215-616-0749

www.timberlane.com

Montgomeryville, PA 18936

Custom fabricator of handcrafted exterior shutters: more than 25 historically accurate styles or custom design; maintenance-free Endurian, western red cedar & Honduras mahogany; selection of period-accurate exterior shutter hardware.

Click on No. 1056 for wood; 1595 for Endurian



These Bermuda shutters from Timberlane, available in any louver size with the option of large or small tilt-rods, are designed for sun screening and moderate storm protection.

Shuttercraft, Inc.

203-245-2608; Fax: 203-245-5969

www.shuttercraft.com

Madison, CT 06443

Manufacturer of mortise-&-tenon wood shutters: cedar & mahogany exterior movable & fixed louver, board and batten & raised panel; cutouts, capping, arches & more; hinges & holdbacks; interior louvers, Colonial panels & open frame; full painting services; family owned for 25 years; shutters all made in the U.S.; shipped nationwide.

Click on No. 5005

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Amarr Garage Doors

800-503-DOOR; Fax: 336-744-5815

www.amarr.com

Winston Salem, NC 27105

Manufacturer of sectional garage doors: Classica Collection steel carriage house doors & custom wood Biltmore Estate for Your Home doors.

Carriage House Door Company

866-890-1776; Fax: 916-446-7783

www.carriagedoor.com

West Sacramento, CA 95691

Custom fabricator of wood & steel garage doors in traditional styles: decorative garage-door hardware.

Designer Doors, Inc.

800-241-0525; Fax: 715-426-4999

www.designerdoorms.com

River Falls, WI 54022

Manufacturer of handcrafted garage doors & complementary entryways, shutters & garden gates: western red cedar, mahogany & other species; specialty glass, decorative hardware, metals, stone & other materials.



Designer Doors handcrafted the custom garage doors for this Victorian home.

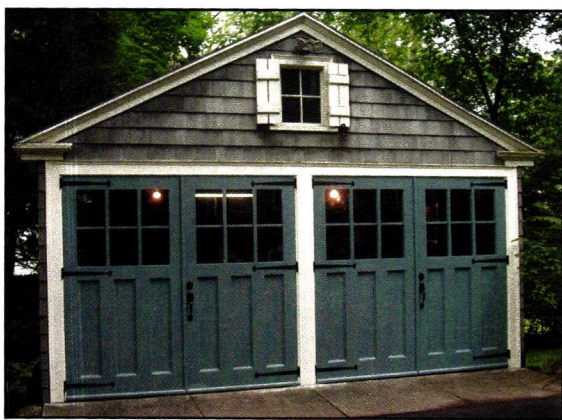
E.R. Butler & Co.

212-925-3565; Fax: 212-925-3305

www.erbutler.com

New York, NY 10012

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



Evergreen Carriage Doors fabricated these traditional garage doors with true divided lites.

www.period-homes.com

Evergreen Carriage Doors, LLC

800-654-0750; Fax: 253-857-4101

www.evergreencarriagedoors.com

Olalla, WA 98359

Manufacturer of out-swing garage doors, carriage-house doors & matching wood entry doors.

Fimbel Architectural Door Specialties

908-534-1732; Fax: 908-534-9259

www.fimbelads.com

Whitehouse, NJ 08888

Manufacturer of garage & carriage-house doors: custom & standard designs; wide variety of traditional styles.



These raised-panel, paint-grade, carriage-house doors were manufactured by Fimbel Architectural Door Specialties.

Hahn's Woodworking Co., Inc.

908-722-2742; Fax: 908-722-2736

www.hahnswoodworking.com

Branchburg, NJ 08876

Manufacturer of wood garage & carriage-house doors & traditional out-swing & sliding barn doors: clear mahogany, Spanish cedar & other species; custom wood entry doors; restoration services. Click on No. 6640



These custom overhead doors, model #311 from Hahn's, complement this Lake Placid lodge's log cabin architecture.

Hamilton Sinkler

212-760-3377; No fax

www.hamiltonsinkler.com

New York, NY 10016

Manufacturer of decorative registers & vents, door & window hardware, cabinet hardware, bathroom accessories & more: brass, bronze & nickel; custom work. Click on No. 1618

Historic Doors

610-756-6187; Fax: 610-756-6171

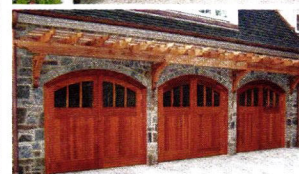
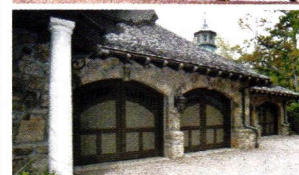
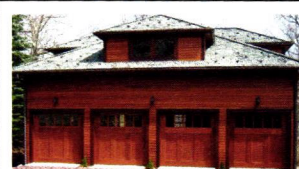
www.historicdoors.com

Kempton, PA 19529

Custom manufacturer of wood doors: circular casings & moldings; restoration & period-style construction; garage doors.



www.period-homes.com



HAHN'S WOODWORKING COMPANY, INC.

Not Everyone's Garage Door

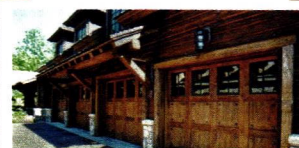
Not everyone understands the difference between a good garage door...and a great one. Over the years, Hahn's has been creating garage doors that discerning home-owners know how to appreciate.

A Hahn's door...

Completes the design of your home and looks as if it were always meant to be there. Operates flawlessly every time, using state-of-the-art engineering, the kind of quiet and powerful performance you expect. And a Hahn's door endures like no other, because our artisans seal all six sides of every element of every door. Hahn's makes garage doors worthy of the homes they grace.

Call 908-722-2742 to discuss your door with our design team, or review our portfolio at www.hahnswoodworking.com.

Hahn's... Making Grand Entrances since 1984.



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

Balustrades

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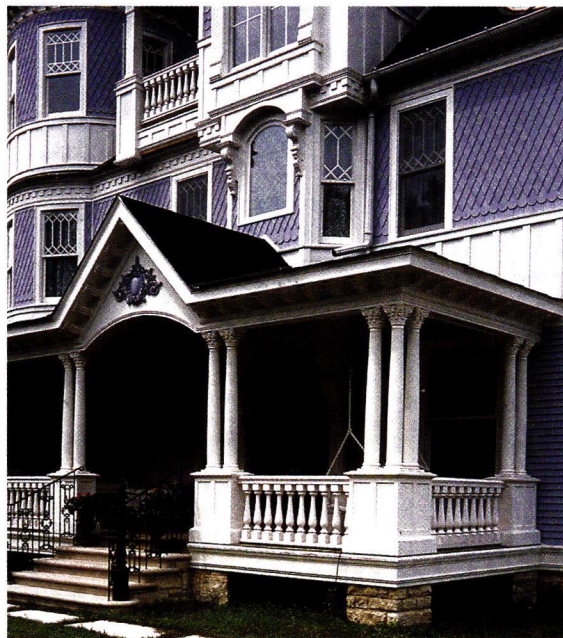
Architectural Columns & Balustrades by Melton Classics

800-963-3060; Fax: 770-962-6988

www.meltonclassics.com

Lawrenceville, GA 30042

Manufacturer of architectural elements: columns, balustrades, moldings, cornices, porch parts, brackets, trim & more; fiberglass, polyurethane, marble/resin composite, wood, cast & synthetic stone, GRC & GRG.



Melton Classics supplied these low-maintenance Architectural Urethane balustrades, moldings and brackets.

Architectural Fiberglass Corp.

631-842-4772; Fax: 631-842-4790

www.afcornice.com

Copiahue, NY 11726

Reproducer of original ornamentation from a large selection of stock styles & sizes: exterior cornices, cupolas, columns & balustrades; planters & urns; lightweight, easy-to-install FRP; molded-in colors & texture; Class-1 fire-retardant material.

Barbara Tattersfield Design, Inc.

561-833-3443; Fax: 561-833-3414

www.btattersfielddesign.com

West Palm Beach, FL 33401

Fabricator of hand-carved stone elements: mantels, columns, capitals, balustrades, niches, fountains & garden elements.

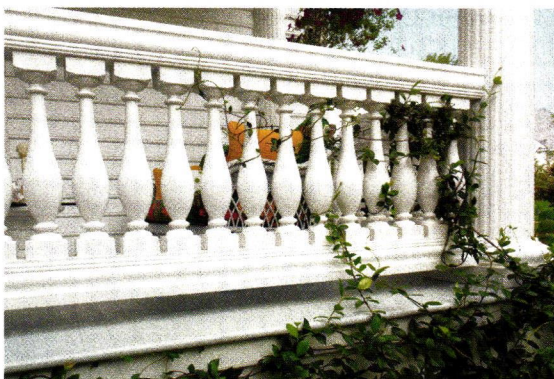
Fypon

800-446-3060; Fax: 419-445-4440

www.fypon.com

Archbold, OH 43502

Manufacturer of more than 4,000 molded architectural elements: window features, balustrades, turnings, ceilings, brackets, vents & more; high-density polymer & other polymers; load-bearing polymer/steel columns with 12-in. maximum dia.



This balustrade system was manufactured by Fypon.

Haddonstone (USA), Ltd.

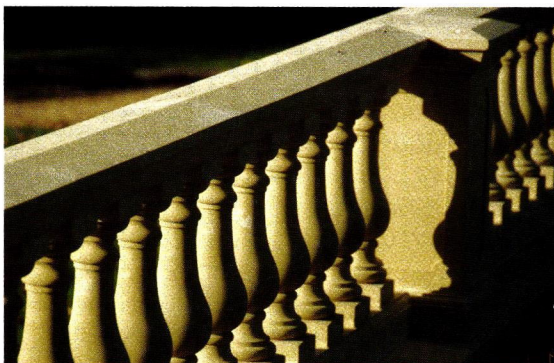
719-948-4554; Fax: 719-948-4285

www.haddonstone.com

Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, planters, balustrades, sculpture, columns, capitals, porticos, cornices, weathervanes, molding, trim, molded panels & more; custom components.

Click on No. 4020



Haddonstone's cast-stone balustrading can be formed into straight, ramped, curved and spiral configurations and is used on steps, balconies and parapets.

HB&G

800-264-4424; Fax: 334-566-4629

www.hbgcolumns.com

Troy, AL 36081

Manufacturer of PermaPorch system: load-bearing PermaCast columns, PermaWrap columns, grand balustrade systems, PermaPorch & deck railings, load-bearing PermaPost porch posts, PermaCeiling & medallions.



HB&G manufactures curved balustrade systems in 10-ft. sections by molding high-density urethane around structural elements.

Heather & Little Limited

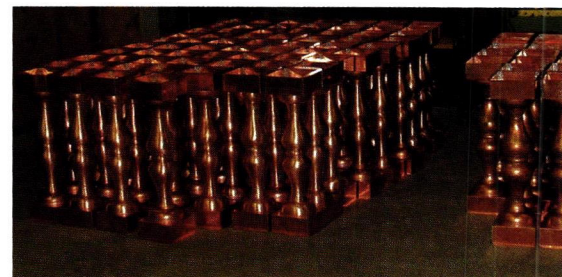
800-450-0659; Fax: 905-475-9764

www.heatherandlittle.com

Markham, ON, Canada L3R 0H1

Custom fabricator & supplier of sheet-metal roofing & specialty architectural sheet metal: finials, cornices, cresting, canopies, shingles, siding, cupolas, steeples, domes & snowguards; reproductions; custom bronze windows.

Click on No. 1708



These copper balustrades were fabricated by Heather & Little.

Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493

www.historicalarts.com

West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.

Click on No. 1210

Ornametals, LLC

256-255-0190; Fax: 256-255-0195

www.ornametals.com

Cullman, AL 35058

Manufacturer of decorative architectural products in copper & zinc: finials, weathervanes, radius gutters, waterspouts, medallions, mansards & roofing ornament.

Click on No. 452

Wiemann Metalcraft

918-592-1700; Fax: 918-592-2385

www.wmcraft.com

Tulsa, OK 74107

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors, balconies & more; all cast & wrought metal alloys, finishes & architectural styles; since 1940.

Click on No. 1223

Benches & Garden Furniture

To order product information from a company in this Buying Guide, go to www.period-homes.com/rs and click on the appropriate reader service number.

Architectural Iron Co.

800-442-4766; Fax: 570-296-4766

www.architecturaliron.com

Milford, PA 18337

Manufacturer of custom castings: window weights, registers, grilles, fences, stairs, sculpture, lighting, benches, arbors, pergolas, cresting, weathervanes & finials; entryways & metal doors; iron & steel.

Architectural Pottery

888-ARCH-POT; Fax: 714-898-5109

www.archpot.com

Midway City, CA 92655

Importer of Italian hand-carved sandstone & English-style cast stone: handmade Italian & Greek pottery; garden sculpture, planters & urns, fountains & benches; fiber-crete (FGRC).

English Antique Imports

828-963-4274; No fax

www.englishantiqueimports.com

Boone, NC 28607

Importer & distributor of architectural antiques: garden statuary, chimney pots, English butlers' sinks & garden seating.

Fifthroom.com

888-293-2339; Fax: 724-444-5301

www.fifthroom.com

Gibsonia, PA 15044

Supplier of indoor & outdoor furniture, landscape structures & garden specialties: arbors, gazebos, pergolas, cabanas, pool houses, patio furniture, planters & more.

Click on No. 1713



Aluminum patio furniture is available from Fifth Room in many styles.

Haddonstone (USA), Ltd.

719-948-4554; Fax: 719-948-4285

www.haddonstone.com

Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, planters, balustrades, sculpture, columns, capitals, porticos, cornices, weathervanes, molding, trim, molded panels & more; custom components.

Click on No. 4020

Historical Arts & Casting, Inc.

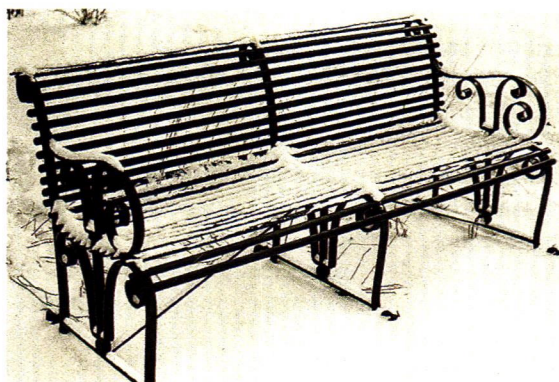
800-225-1414; Fax: 801-280-2493

www.historicalarts.com

West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.

Click on No. 1210



John F. Graney Metal Design replicated an original 1910 bench for a site in Madison, WI.

John F. Graney Metal Design, LLC

413-528-6744; Fax: 413-528-6749

www.graneymetaldesign.com

Sheffield, MA 01257

Custom fabricator of forged metalwork in Classical & other styles: benches, gazebos, railings, gates, entryways, garden furniture & fire-place tools; gold-leaf & exotic finishes; design & installation service; historical restoration.

Kenneth Lynch & Sons, Inc.

203-264-2831; Fax: 203-264-2833

www.klynchandsons.com

Oxford, CT 06478

Manufacturer of Classical garden ornament: wall & tiered fountains, Classical & Oriental statuary, park benches, birdbaths, topiary/arbors, sundials, finials & planters; cast stone, lead, copper & bronze; copper weathervanes.



This backless bench from Kenneth Lynch is a variation of the 1939 World's Fair Bench.

Randolph Rose Collection

800-462-5851; Fax: 914-423-2095

www.randolphrose.com

Yonkers, NY 10701

Custom fabricator of lost-wax cast-bronze sculpture & home & garden accessories: statuary, benches, fountains, planters, urns & more; custom designs available.

Walpole Woodworkers

508-668-2800; Fax: 508-668-7301

www.walpolewoodworkers.com

Walpole, MA 02081

Manufacturer & designer of outdoor products: many options & details to personalize cabanas, garden sheds, studios, stables & gazebos; cedar fences & outdoor furniture; planters, mailboxes, flagpoles, cupolas & lanterns.

Click on No. 280

Wiemann Metalcraft

918-592-1700; Fax: 918-592-2385

www.wmcraft.com

Tulsa, OK 74107

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors, balconies & more; all cast & wrought metal alloys, finishes & architectural styles; since 1940.

Click on No. 1223



REX

A New E-Commerce Website, Produced by Restore Media, LLC

REX is a new e-commerce website that will go LIVE in May 2012. It serves the 500,000 building and design professionals and enthusiasts who are already researching building materials and services online via Restore Media's eight websites.

SEARCH, COMPARE, PRICE, PURCHASE www.RexSellsDirect.com

Fences & Gates

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Design Associates, Inc.

203-407-8913; Fax: 203-407-8915
60 Connolly Pkwy., Bldg. 2C, Ste. 208B
Hamden, CT 06514

Manufacturer of automated entrance gates: complements architecture & landscape; handcrafted in mahogany, teak, forged steel, aluminum & stainless; state-of-the-art technology.

Click on No. 1697



This country gate in solid mahogany is available from Design Associates.

Fine Architectural Metalsmiths

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

Custom fabricator of metalwork: gates, fencing, railings, lanterns, chandeliers, sconces, grilles, fire screens, kitchen equipment & more; forged iron, bronze, copper & stainless steel; specialty finishes; design through installation services.

Click on No. 2640



A landmark masonry element was re-cast and bronzed by Fine Architectural Metalsmiths to create these dramatic medallions for a monumental driveway gate.

Heritage Cast Iron USA

877-855-4766; Fax: 918-592-2385
www.heritagecastironusa.com
Tulsa, OK 74107

Supplier & distributor of traditional 19th-century-inspired cast-iron gates, fences & railings: 7 unique

design collections, including pre-hung driveway gates, garden gates, modular fences, posts & fittings; CAD files upon request; most products stocked & ready for immediate shipment.



This Victorian cast-iron gate was fabricated by Heritage Cast Iron.

Herwig Lighting

800-643-9523; Fax: 479-968-6422
www.herwig.com
Russellville, AR 72811

Custom manufacturer of handcrafted interior & exterior lighting fixtures & more: cast-aluminum benches, bollards, fences, gates, plaques, signage, street clocks, posts to 14 ft. & columns; since 1908.

Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493
www.historicalarts.com
West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.

Click on No. 1210



Historical Arts & Casting manufactured this 15-ft.-tall custom gate.

Indital, USA

800-772-4706; Fax: 713-694-2055
www.indital.com
Houston, TX 77028

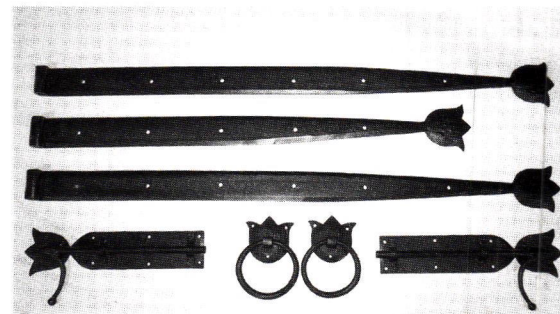
Supplier of more than 8,500 Italian-designed architectural steel forgings: signature rosettes, Baroque leaves & spears; pickets that can be fabricated to create staircases, partitions, fences, gates, railings, balusters & stairs.

Kayne & Son Custom Hardware

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

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

Call for more information.



These tulip finial strap hinges from Kayne & Son are suitable for wooden doors, fences or gates.

King Architectural Metals

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

Wholesale supplier of ornamental & architectural metal components: for wrought-iron staircases, handrails, gates, fences, mailboxes, doors, screens, awnings & fireplace screens; decorative elements.



Custom gates made with materials supplied by King Architectural Metals can enhance appearance while also providing security.

Liberty Ornamental Products

800-636-5470; Fax: 419-636-2365

www.libertyornamental.com

Bryan, OH 43506

Fabricator of precision die-cast ball tops, caps, finials, shoes & more: fences, gates & ornamental assemblies; ½- to 4-in. sizes; parts are exact fit, die cast with non-rusting pewter finish; plastic ornamental finials & scrolls.

Walpole Woodworkers

508-668-2800; Fax: 508-668-7301

www.walpolewoodworkers.com

Walpole, MA 02081

Manufacturer & designer of outdoor products: many options & details to personalize cabanas, garden sheds, studios, stables & gazebos; cedar fences & outdoor furniture; planters, mailboxes, flagpoles, cupolas & lanterns.

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Walpole custom designed and crafted this traditionally styled wood fence.

Wiemann Metalcraft

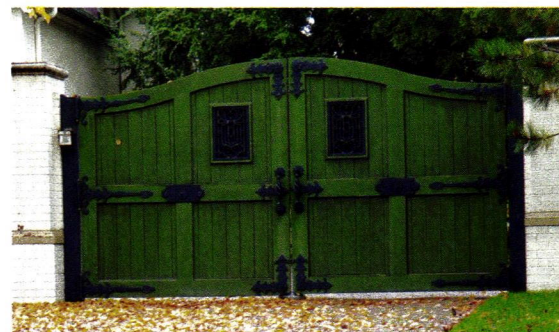
918-592-1700; Fax: 918-592-2385

www.wmcraft.com

Tulsa, OK 74107

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors, balconies & more; all cast & wrought metal alloys, finishes & architectural styles; since 1940.

Click on No. 1223




The Futo Drive Gate, designed, fabricated and installed by Wiemann Metalcraft for clients in Wichita, KS, was constructed entirely out of aluminum with forged-iron hardware and with a paint finish.



WIEMANN METALCRAFT
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(918) 592-1700
sales@wmcraft.com

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HERITAGE CAST IRON LBS
www.hiciron.com

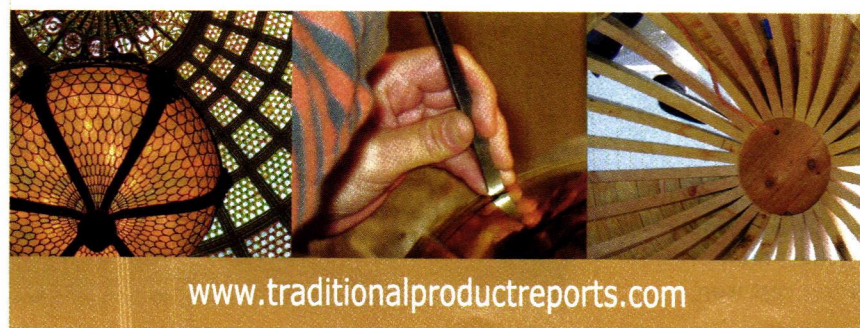


Richmond 12' Wide Cast Iron Driveway Gate. Installed on In-Ground Operators.

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autogates@sbcglobal.net

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www.buildingport.com

Fountains & Water Features

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AquaMaster Fountains & Aerators

800-693-3144; Fax: 920-693-3634

www.aquamasterfountains.com

Kiel, WI 53042

Manufacturer of fountain aerators that aid the decomposition of organic solids & prevent algae blooms: 33 spray patterns with 0.5- to 25-hp motors; 3-year warranty with 1-hp & larger units; UL listed.



AquaMaster Fountains & Aerators offers fountain systems that don't require special piping.

Aristone Concrete Designs

480-967-3035; Fax: 480-967-1181

www.aristonedesigns.com

Tempe, AZ 85281

Manufacturer of precast-concrete, plaster & GFRP products: columns, balustrades, fountains, trim & moldings, mantels, wall caps, site furnishings, planters, garden ornament & pavers; since 1964.

Atlantic Fountains, LLC

860-669-1188; Fax: 860-669-4488

www.atlanticfountains.com

Clinton, CT 06413

Manufacturer, custom fabricator & distributor of architectural, landscape & floating fountains: lake-aeration products; musical fountains; components including pools, pumps, nozzles, wind & level controls & underwater lights.



Atlantic Fountains created this fountain to complement the house behind it.

B&H Art in Architecture, Ltd.

347-497-5858; Fax: 347-497-5849

www.bandhartinarch.com

New York, NY 10003

Custom fabricator & restorer of architectural ornament: tiered, wall & floating fountains; columns, balustrades, exterior cornices & garden ornament; follows blueprint, photo, existing or live model; hand-carved natural stone.

Bella Dura Architectural Stone

225-346-4045; Fax: 225-346-4745

www.belladura.com

Baton Rouge, LA 70802

Fabricator of carved-stone elements: columns, capitals, balustrades, fountains, hand-carved mantels & more.

Gerald Siciliano Studio Design Associates

718-636-4561; Fax: 702-442-7847

www.geraldsicilianostudio.com

Brooklyn, NY 11215

Custom fabricator of fine & architectural sculpture: architectural details, capitals, fountains & mantels; bronze, granite, marble & stone; interior & exterior; repair & restoration; studio & field work; 30 years of experience.

Haddonstone (USA), Ltd.

719-948-4554; Fax: 719-948-4285

www.haddonstone.com

Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, planters, balustrades, sculpture, columns, capitals, porticos, cornices, weathervanes, molding, trim, molded panels & more; custom components.

Click on No. 4020



The design for Haddonstone's Versailles self-circulating fountain, model #HC800, was inspired by the Bosquet de la Colonnade at Versailles.

Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493

www.historicalarts.com

West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron,

bronze, aluminum & wrought iron/steel; many styles; restoration services.

Click on No. 1210



Historical Arts & Casting custom fabricated this fountain in cast bronze for the Governor's Mansion in Maryland.

UgMO Technologies

484-690-0570; No fax

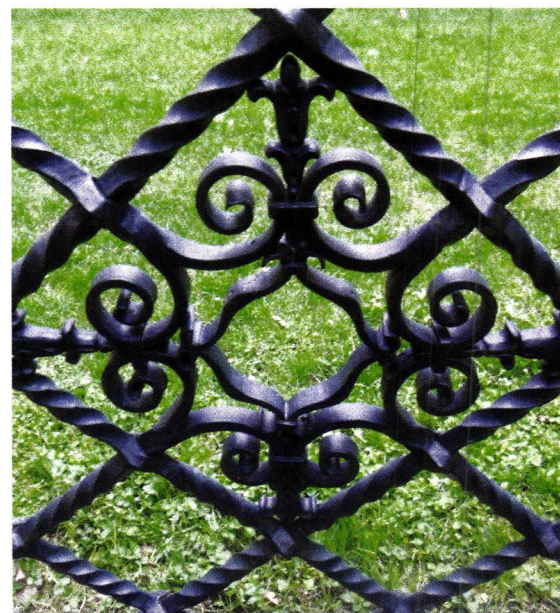
www.ugmo.com

King of Prussia, PA 19406

Supplier of UgMO ProHome soil-sensor system: underground sensors monitor soil & maintain soil moisture at root level.

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- Design more historically accurate moldings, mantels, doors, and millwork.
- Explain how changing values and production capabilities altered architectural detailing over time.
- Compare and contrast different orders, moldings, and arrangement of architectural millwork in American interiors.

Presenter: Brent Hull, founder and owner, the Brent Hull Companies, Forth Worth, Texas

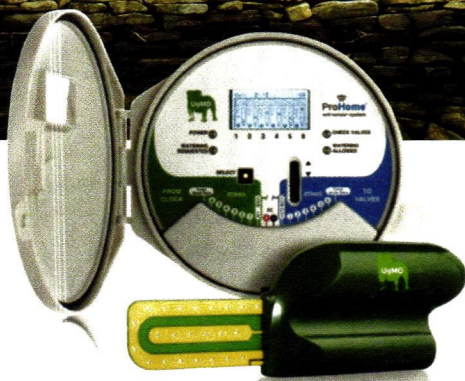
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www.atelierjouvence.com

Chicago, IL 60616

Fabricator of custom-carved stonework in French & domestic limestone & marble: fireplace surrounds, range hoods, garden ornament, architectural elements & historic reproductions; fountains, planters & urns; stone flooring.

Chesney's

646-840-0609; Fax: 646-840-0602

www.chesneys-usa.com

New York, NY 10022

Supplier of hand-carved stone & marble mantels: historically accurate reproductions of many styles including designs by Sir John Soane; antique mantels; andirons, fire baskets & register grates; staircases; urns.

Fairplay Stonecarvers

440-775-7878; Fax: 440-775-7979

www.fairplaystonecarvers.com

Oberlin, OH 44074

Sculptor: stone & marble architectural & landscape ornament & sculpture; reproduction, repair & restoration; fireplaces, relief carvings, urns, doorways, fountains, capitals & bases.

Fifthroom.com

888-293-2339; Fax: 724-444-5301

www.fifthroom.com

Gibsonia, PA 15044

Supplier of indoor & outdoor furniture, landscape structures & garden specialties: arbors, gazebos, pergolas, cabanas, pool houses, patio furniture, planters & more.

Click on No. 1713



This cast-stone planter from Haddonstone is based on a design by Mary Watts for the Compton Potters' Arts Guild.

Haddonstone (USA), Ltd.

719-948-4554; Fax: 719-948-4285

www.haddonstone.com

Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, planters, balustrades, sculpture, columns, capitals, porticos, cornices, weathervanes, molding, trim, molded panels & more; custom components.

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Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493

www.historicalarts.com

West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.

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This urn is one of many made by Historical Arts & Casting for the Grand Army Plaza entrance to Prospect Park in Brooklyn, NY.

RDG Objects

515-284-1675; Fax: 515-246-0459

www.rdgobjects.com

Des Moines, IA 50309

Manufacturer of architectural ceramics & ceramic tile: murals, mosaics & relief tile; glazed ceramic-tile leaf pavers; site-specific public art; urns; garden lighting.

Robinson Iron Corp.

800-824-2157; Fax: 256-329-8960

www.robinsoniron.com

Alexander City, AL 35010

Manufacturer of historical reproductions: classic Victorian lawn & garden ornament; bronze, aluminum & iron; planters, benches, fountains, columns, street lighting, mailboxes, cupolas & more.



Robinson Iron's Palo Alto urn is available in four different heights: 10, 16, 20 and 24 in.

Walpole Woodworkers

508-668-2800; Fax: 508-668-7301

www.walpolewoodworkers.com

Walpole, MA 02081

Manufacturer & designer of outdoor products: many options & details to personalize cabanas, garden sheds, studios, stables & gazebos; cedar fences & outdoor furniture; planters, mailboxes, flagpoles, cupolas & lanterns.

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Belden Brick Co., The

330-456-0031; No fax

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.

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800-486-2118; Fax: 910-763-3191

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Gavin Historical Bricks Inc.

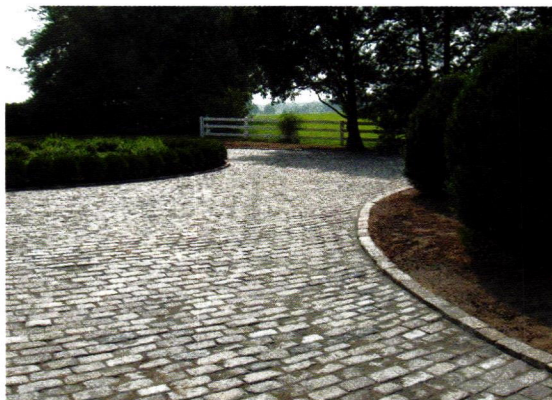
319-354-5251; Fax: 319-688-3086

www.historicalbricks.com

Iowa City, IA 52245

Supplier of authentic antique brick pavers, granite cobblestones, clinker & common brick: custom matching; large quantities; special shapes; hand-molded & face brick; nationwide shipping.

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Antique European blend cobblestones from Gavin were used for this driveway in Charlottesville, VA.

Haddonstone (USA), Ltd.

719-948-4554; Fax: 719-948-4285

www.haddonstone.com

Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, planters, balustrades, sculpture, columns, capitals, porticos, cornices, weathervanes, molding, trim, molded panels & more; custom components.

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The four-tiered Lotus Bud fountain is one of many outdoor decorative elements fabricated by Haddonstone.

Historical Arts & Casting, Inc.

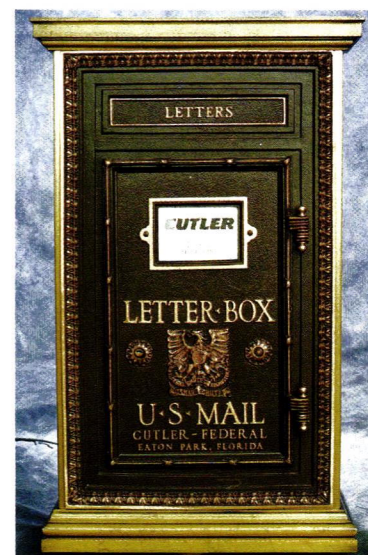
800-225-1414; Fax: 801-280-2493

www.historicalarts.com

West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.

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Historical Arts & Casting designed and fabricated this mailbox.

UgMO Technologies

484-690-0570; No fax

www.ugmo.com

King of Prussia, PA 19406

Supplier of UgMO ProHome soil-sensor system: underground sensors monitor soil & maintain soil moisture at root level.

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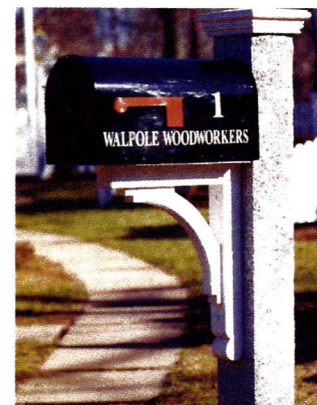
508-668-2800; Fax: 508-668-7301

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Manufacturer & designer of outdoor products: many options & details to personalize cabanas, garden sheds, studios, stables & gazebos; cedar fences & outdoor furniture; planters, mailboxes, flagpoles, cupolas & lanterns.

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The Gray Rock Granite mail post and the Strong Box mailbox are both available from Walpole.

Wiemann Metalcraft

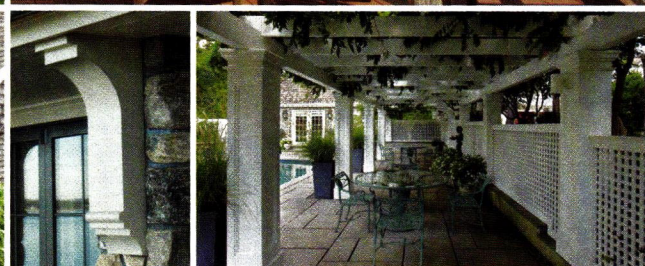
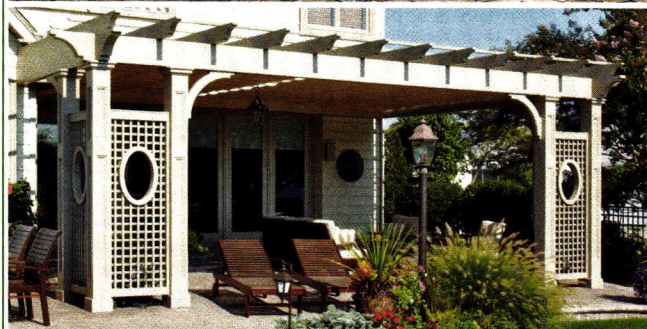
918-592-1700; Fax: 918-592-2385

www.wmcrafft.com

Tulsa, OK 74107

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors, balconies & more; all cast & wrought metal alloys, finishes & architectural styles; since 1940.

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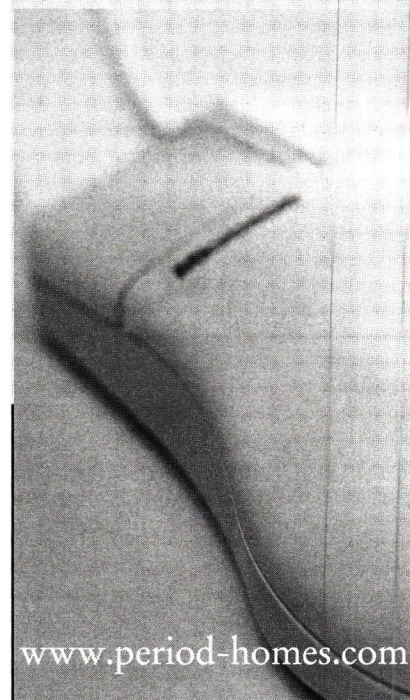
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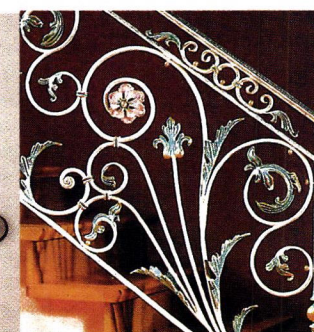
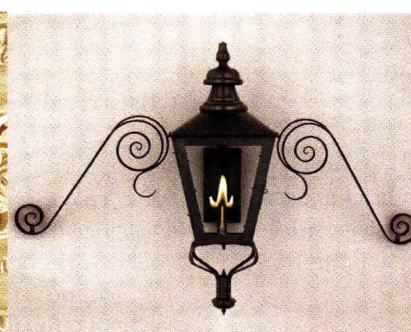


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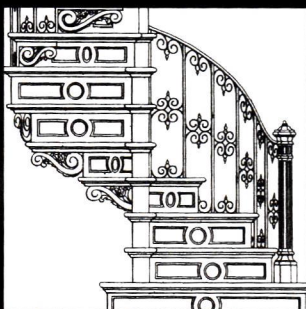
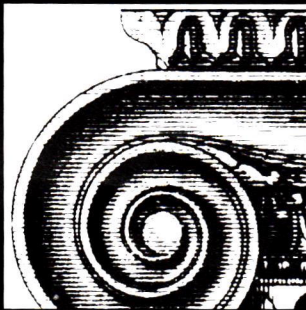
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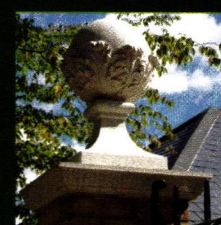
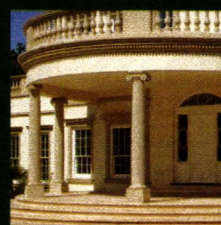
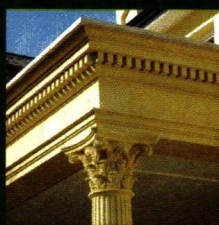
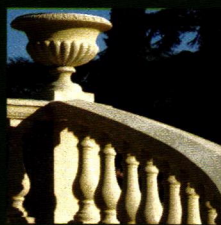


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www.architecturalaccents.com

Atlanta, GA 30305

National supplier of architectural antiques: mantels, doors, hardware, tile, columns, furnishings, mirrors, statuary, fountains, iron railings, gates, chandeliers, sconces & exterior lighting; antique heart pine flooring.



This mural-crowned lantern that formerly lit the Marais district of Paris is available from Architectural Accents.



Bevolo's new Pool House Governor Lanterns are hand riveted and made of copper, brass and tempered glass to weather any environment.

Bevolo Gas & Electric Lights

504-522-9485; Fax: 504-522-5563

www.bevolo.com

New Orleans, LA 70130

Fabricator of hand-riveted, antique-copper propane, electric & natural-gas fixtures: Colonial, Victorian, Turn of the Century & Mediterranean styles; restoration.

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Authentic Designs

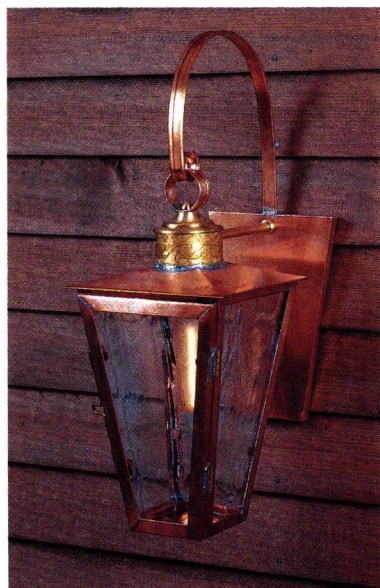
800-844-9416; Fax: 802-394-2422

www.authenticdesigns.com

West Rupert, VT 05776

Manufacturer of Early American & Colonial lighting fixtures: brass, copper, terne metal & Vermont maple; interior & exterior mountings; CUL/UL-listed for wet & damp locations; lanterns, sconces, table lamps, chandeliers & pendants; custom work available.

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This wall-mounted fixture from Authentic Designs is made of copper and rippled glass.

Brass Light Gallery, Inc.

800-243-9595; Fax: 800-505-9404

www.brasslight.com

Milwaukee, WI 53233

Designer & manufacturer of interior & exterior architectural lighting: decorative compact fluorescent, ADA & custom options; 15 finishes; hand-carved alabaster & European glass; antique lighting; restoration services.



The European Country Lantern, model #EX-5010-A23 from Brass Light Gallery, has a 10-in. width.

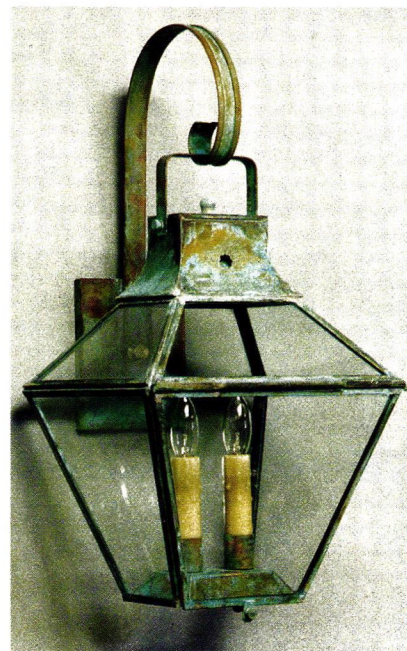
Classic Lighting Devices

860-267-8814; Fax: 860-365-0254

www.classiclightingdevices.net

East Hampton, CT 06424

Manufacturer of handmade lighting reproductions: interior & exterior; natural & period finishes; alterations, replications, repairs & custom designs; 17th- to early-19th-century American & European styles.



This wall-bracketed lantern is one of many historic reproductions available from Classic Lighting Devices.

Deep Landing Workshop

877-778-4042; Fax: 410-778-4070

www.deeplandingworkshop.com

Chestertown, MD 21620

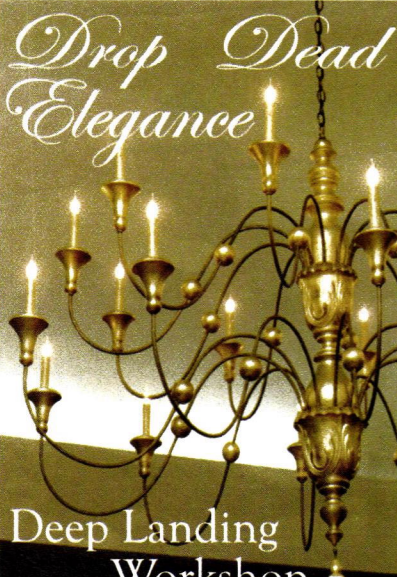
Designer & manufacturer of interior & exterior lighting fixtures: stylized reproductions rooted in the Colonial style.

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This lantern from Deep Landing Workshop was handcrafted using antiqued lead-coated copper and fitted with handmade glass.

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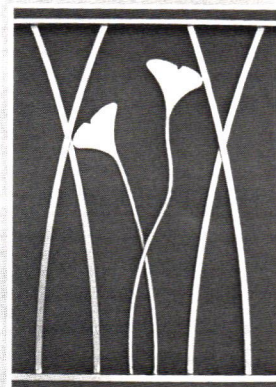
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718-261-6090; Fax: 718-261-6190

www.distinguishedhomelighting.com

Forest Hills, NY 11375

Supplier of lighting: European cast-brass exterior lanterns; gas & electric; for wall, ceiling, post & column mounting.



This European-style lantern from Distinguished Home Lighting is made of cast brass.



Available from Fine Architectural Metalsmiths in various sizes, these reproduction lanterns are offered as pier-, bracket- and wall-mount models.

Federalist, The

203-625-4727; Fax: 203-629-8775

www.thefederalistonline.com

Greenwich, CT 06830

Supplier of interior & exterior lighting fixtures: handmade reproductions of 18th- & 19th-century-style ceiling-hung & wall- & post-mounted fixtures; gas & electric lanterns, chandeliers, sconces & more; period finishes; custom.

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The Federalist creates 18th-century reproduction lighting, including this exterior electric-candle fixture.

Historical Arts & Casting, Inc.

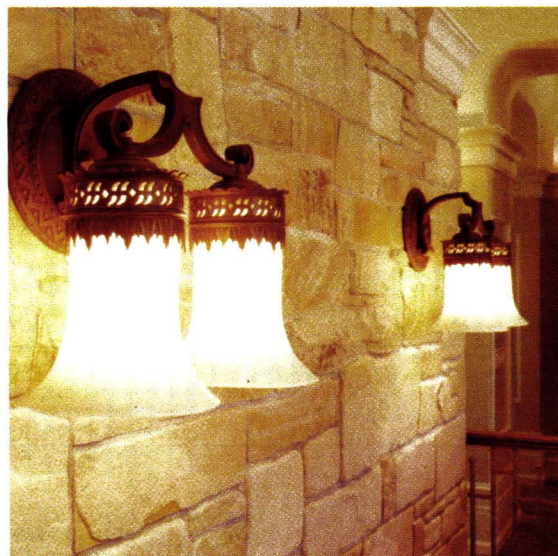
800-225-1414; Fax: 801-280-2493

www.historicalarts.com

West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.

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Historical Arts & Casting custom fabricated these wall-mounted lighting fixtures.

Fine Architectural Metalsmiths

845-651-7550; Fax: 845-651-7857

www.iceforge.com

Chester, NY 10918

Custom fabricator of metalwork: gates, fencing, railings, lanterns, chandeliers, sconces, grilles, fire screens, kitchen equipment & more; forged iron, bronze, copper & stainless steel; specialty finishes; design through installation services.

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Olde Mill Lighting, Ltd.

717-299-2512; Fax: 717-299-5822

www.oldemilllighting.com

Lancaster, PA 17602

Supplier of handcrafted lighting: reproduction chandeliers & exterior post- & wall-mounted lanterns & sconces; aged tin, brass & copper; Early American, country & traditional styles.



This post-mounted lantern is one of the many Early American-style fixtures available from Olde Mill Lighting.

Walpole Woodworkers

508-668-2800; Fax: 508-668-7301

www.walpolewoodworkers.com

Walpole, MA 02081

Manufacturer & designer of outdoor products: many options & details to personalize cabanas, garden sheds, studios, stables & gazebos; cedar fences & outdoor furniture; planters, mailboxes, flagpoles, cupolas & lanterns.

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Wiemann Metalcraft

918-592-1700; Fax: 918-592-2385

www.wmcraft.com

Tulsa, OK 74107

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors, balconies & more; all cast & wrought metal alloys, finishes & architectural styles; since 1940.

Click on No. 1223



Wiemann Metalcraft custom manufactured this lantern in bronze.

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Calendar of Events

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RESTORATION FIELD SCHOOL, May 20 - June 2, 2012. Thomas Jefferson's Poplar Forest will be conducting its 14-day Architectural Restoration Field School in Forest, VA. For more information, visit www.poplarforest.org.

A WALK INTO THE GILDED AGE TOUR, June 2, 2012. The Beaux Arts Alliance will host a guided tour, led by David Garrard Lowe, of NYC's Carnegie Hill. The itinerary includes visits to the James Burden house, the Otto Kahn mansion, the Fabbri residence and Andrew Carnegie's mansion. For more information, visit www.beauxarts.org.

ICAA ROME PAINTING & DRAWING TOUR, June 9-16, 2012. Instructors at ICAA will lead a painting and drawing tour through Rome. Participants at all levels will have the opportunity to observe and represent Classical architecture such as the Temple of Castor and Pollux. For more information, visit www.classicist.org.

SGAA ANNUAL SUMMER CONFERENCE, June 11-13, 2012. The Stained Glass Association of America's summer conference will be held in Kansas City, MO. The event will feature a tour of medieval and contemporary stained-glass exhibits at the Nelson-Atkins Museum. For registration and conference updates, visit www.stainedglass.org/html/sgaaconference.htm.

TRADITIONAL BUILDING CONFERENCE SERIES, June 19-20, 2012. The second stop of the Traditional Building Conference Series will be Denver, CO. The event will feature an intensive two-day symposium for architects, contractors and design professionals, as well as the chance to earn AIA learning Units. For more information, go to www.traditionalbuildingshow.com.

INTERNATIONAL PRESERVATION TRADES WORKSHOP & APT CONFERENCE, September 30 - October 3, 2012. The Preservation Trades Network and the Association for Preservation

Technology International will host their 2012 annual conferences together at Francis Marion Hotel in Charleston, SC. The event will focus on the organizations' overlapping philosophies to define a new approach between the preservation trades and technologies. For more information, visit www.iptw.org or www.apti.org.

NATIONAL TRUST FOR HISTORIC PRESERVATION NATIONAL CONFERENCE, October 30 - November 3, 2012. The 66th annual National Preservation Conference will be held in Spokane, WA. This year's theme, "Beyond Boundaries," will explore ways to expand preservation to include revitalizing cities, creating jobs, saving energy and more. For more information, go to www.preservation-nation.org.

GREENBUILD 2012, November 14-16, 2012. Greenbuild's international conference and expo will be held in San Francisco, CA. It is dedicated to green building products and services and will feature three days of educational sessions, green building tours and seminars. For more information, visit www.greenbuildexpo.org.

NATIONAL BUILDING MUSEUM PROGRAMS & EXHIBITS. The National Building Museum in Washington, DC, offers a series of exhibits and programs throughout the year on topics dealing with architectural design and building. Many of the programs qualify for AIA continuing-education units. Current exhibitions include "Unbuilt Washington," a presentation of architectural and urban design projects of Washington, DC, that were proposed but never executed. The building itself is worth the visit, and 45-minute walk-in tours are offered daily. For details on current programs and a tour schedule, go to www.nbm.org.

WOODWORKING CLASSES. The North Bennet Street School holds full-time woodworking courses - including fine carpentry and preservation carpentry - in Boston, MA. Class size is limited to 13 people. The school provides bench space, materials and shop supplies for most workshops. To register and pay online, visit www.nbss.edu.

WRIGHT PLUS 2012 HOUSEWALK, June 2, 2012. The Wright Plus Housewalk tour, hosted by the Frank Lloyd Wright Preservation Trust, featuring eight private residences and three landmark buildings in Oak Park, IL, will include presentations based on in-depth research of the structures' history and architecture. For more information, visit www.gowright.org.

Gas Lighting

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Ball & Ball Lighting

610-363-7330; Fax: 610-363-7639

www.ballandball.com

Exton, PA 19341

Manufacturer of historical lighting fixtures: lanterns, sconces, table/floor lamps, chandeliers & pendants; porch & gas lighting; brass, tin, copper, pewter, iron & bronze; restoration & refitting; stock & custom.



Bevolo Gas & Electric supplies hand-riveted electric and gas-burning fixtures in copper.

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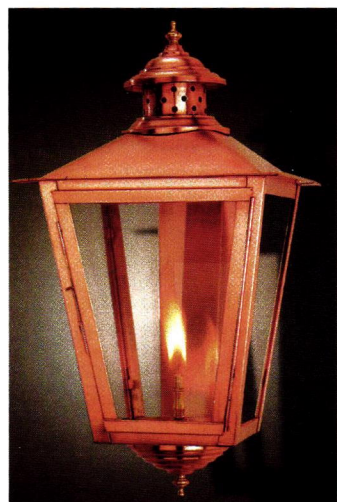
504-522-9485; Fax: 504-522-5563

www.bevolo.com

New Orleans, LA 70130

Fabricator of hand-riveted, antique-copper propane, electric & natural-gas fixtures: Colonial, Victorian, Turn of the Century & Mediterranean styles; restoration.

Click on No. 166



The Tammany lantern from Charleston Gas Light is available in heights of 18, 23½ and 28 in.

Charleston Gas Light

877-427-5483; Fax: 843-723-2871

www.charlestongaslight.com

Charleston, SC 29401

Manufacturer of traditional copper lanterns: gas & electric; variety of finishes; custom designs; handcrafted; electronic gas safety starters.

Copper Sculptures

800-235-6725; Fax: 601-992-9350

www.coppersculptures.com

Flowood, MS 39232

Custom fabricator of handcrafted copper gas & electric lanterns certified for both interior & exterior use: historical reproduction & restoration as well as custom signage & mailboxes.



Traditionally styled exterior lighting is the specialty of Copper Sculptures.

Dahlhaus Lighting, Inc.

718-218-6651; Fax: 718-218-6653

www.dahlhaus-lighting.com

Brooklyn, NY 11211

Distributor of cast-aluminum vintage lighting & site furnishings: street lamps & lanterns; doorbells & number plates; bollards, fountains, ornament & mailbox designs from Europe; light bollards; electric & custom gas fixtures.

Faubourg Lighting

866-803-7518; Fax: 601-894-5195

www.faubourglighting.com

Hazlehurst, MS 39083

Designer & fabricator of historical gas & electric lighting fixtures handcrafted in copper: building-mounted sconces, porch lighting & electrically lit lanterns; automatic gas ignition; Colonial & Classical; custom work.



This period-style exterior gas fixture from Faubourg Lighting features a copper dome top and a full yoke.

Federalist, The

203-625-4727; Fax: 203-629-8775

www.thefederalistonline.com

Greenwich, CT 06830

Supplier of interior & exterior lighting fixtures: handmade reproductions of 18th- & 19th-century-style ceiling-hung & wall- & post-mounted fixtures; gas & electric lanterns, chandeliers, sconces & more; period finishes; custom.

Click on No. 2833

Gas-Lite Mfg. Company

412-683-6434; Fax: 412-683-6440

www.gaslite.com

Pittsburgh, PA 15201

Manufacturer of exterior cast-aluminum lighting: gas burning or electric; variety of burner styles & finishes available; post-, wall- or pier-mount applications; residential & commercial use.



The Boulevard Lamp from Gas-Lite Mfg. is shown on the firm's three-section lamp post.

Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493

www.historicalarts.com

West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.

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Historical Arts & Casting custom fabricated this cast-metal gas-burning lantern.

Lantern Masters, Inc.

818-706-1990; Fax: 818-706-1988

www.lanternmasters.com

Westlake Village, CA 91362

Custom designer & manufacturer of lighting: chandeliers, sconces, pendants & lanterns; both gas and electric available; French, Tuscan, Spanish Revival, Tudor, contemporary, antique reproduction & more.



Lantern Masters designs and manufactures electric and gas lighting for residential and commercial applications.



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

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

Newstamp Lighting Co.

508-238-7071; Fax: 508-230-8312

www.newstamp-lighting.com

North Easton, MA 02356

Supplier of lighting fixtures: wall & post mounted, electric, landscape, garden & interior; chandeliers, lamps, bollards & lanterns; copper, brass & terne metal; all styles; all energy sources, including gas; restoration services.

Wiemann Metalcraft

918-592-1700; Fax: 918-592-2385

www.wmcraft.com

Tulsa, OK 74107

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors, balconies & more; all cast & wrought metal alloys, finishes & architectural styles; since 1940.

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Stone, Brick & Masonry

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Architectural Stone Masonry

604-270-9677; Fax: 604-270-9637

www.stonemasonsarch.com

Richmond, BC, Canada V6V 3B6

Manufacturer of custom natural-stone products using limestone & sandstone from North America & Europe: mantels, stairways, balustrades, columns, exterior wall cladding, archways, corbels & wall copings; design services.

Belden Brick Co., The

330-456-0031; No fax

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.

Click on No. 1500



Belden Brick offers face brick in a variety of shapes and sizes.

Bergen Bluestone Co.

908-237-2680; Fax: 908-237-2681

30 Copper Penny Rd.

Flemington, NJ 08822

Supplier of natural stone: granite, marble, slate, bluestone, sandstone & quartzite; flooring & pavers.



The Southbay quartzite used in this house was supplied by Champlain Stone.

Champlain Stone, Ltd.

518-623-2902; Fax: 518-623-3088

www.champlainstone.com

Warrensburg, NY 12885

Supplier of natural building & landscaping stone: guillotined & hand-split granite, quartzitic sandstone & limestone; for veneer, thin-sawn veneer & corners, wall stone, flagging, paving, step slabs, fireplaces, fountains & more.

Cuellar Architectural Stone by Cosentino

310-430-4154; Fax: 310-374-8065

www.cuellarstone.com

Redondo Beach, CA 90278

Manufacturer of stone products: columns, capitals, balustrades, exterior cornices, flooring, fountains, landscape stone, pavers, mantels & antique original bathroom sinks; marble, limestone & sandstone.

Eldorado Stone

800-925-1491; No fax

www.eldoradostone.com

San Marcos, CA 92078

Manufacturer of architectural stone veneer: fireplaces; cast from molds made from thousands of hand-selected natural stones.



Eldorado Stone supplied the Tuscan blend stone veneer for the exterior of this building.

GAF

973-628-3000; Fax: 973-628-3865

www.gaf.com

Wayne, NJ 07470

Manufacturer of roofing: Timberline fiberglass asphalt shingle with wood look; TruSlate real slate roofing tiles; Designer Shingle collection with variety of styles replicating wood shakes, slate or tile.

Click on No. 1178 for Grand Slate; 1179 for Country Estates; 1181 for Country Mansion; 1315 for Camelot; 9270 for Slateline

Gavin Historical Bricks Inc.

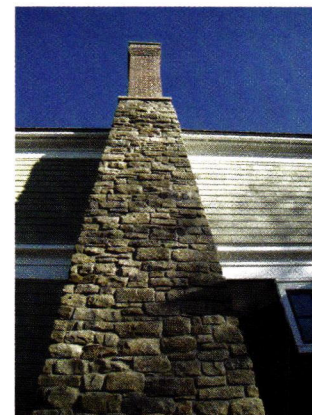
319-354-5251; Fax: 319-688-3086

www.historicalbricks.com

Iowa City, IA 52245

Supplier of authentic antique brick pavers, granite cobblestones, clinker & common brick: custom matching; large quantities; special shapes; hand-molded & face brick; nationwide shipping.

Click on No. 191



Antique stone reclaimed stone from a historic reservoir was paired with antique Purington Street pavers from Gavin for this chimney in Iowa City, IA.

Haddonstone (USA), Ltd.

719-948-4554; Fax: 719-948-4285

www.haddonstone.com

Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, planters, balustrades, sculpture, columns, capitals, porticos, cornices, weathervanes, molding, trim, molded panels & more; custom components.

Click on No. 4020

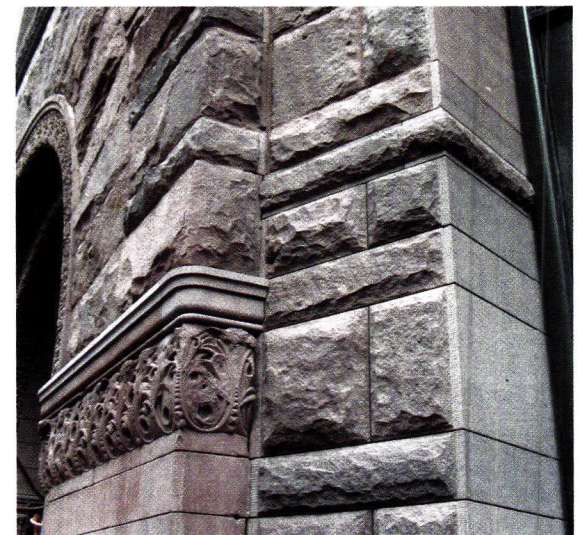
Kopelov Cut Stone, Inc.

505-867-0270; Fax: 505-867-6787

www.kopelovcutstone.com

Bernalillo, NM 87004

Fabricator of stone architectural elements for historic restoration & historically inspired new construction: facades in domestic limestone, marble & sandstone; carved mantels & monuments; columns & capitals.



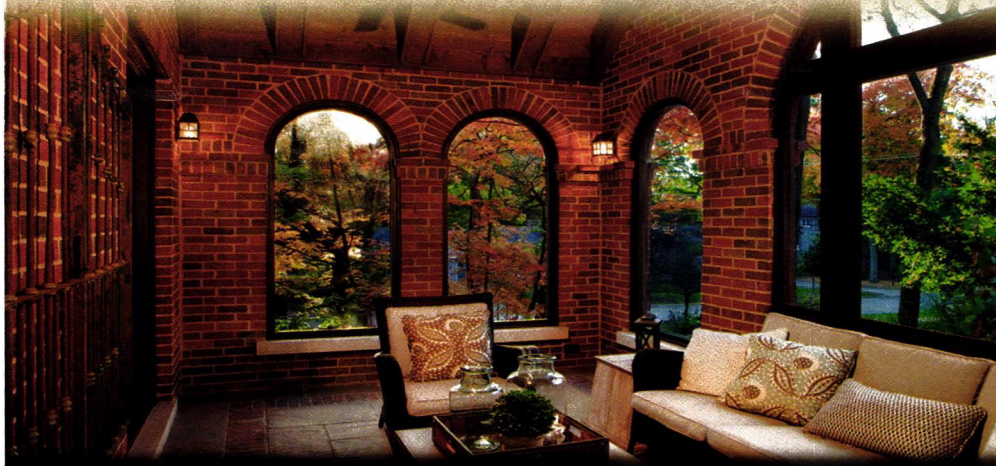
Kopelov Cut Stone quarried and fabricated the brownstone for the renovation of this historic façade in San Francisco.

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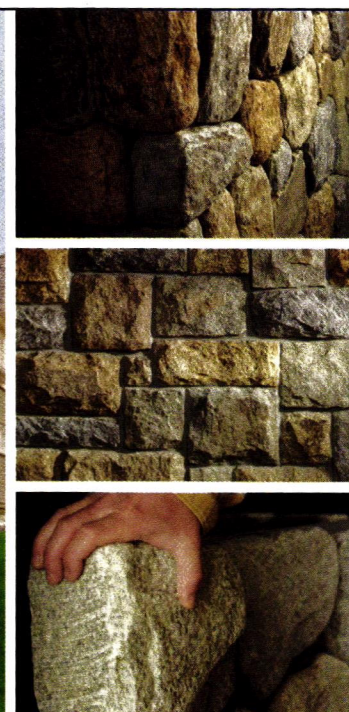
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Architect: Patrick Ahern, AIA
Builder: Denali Construction



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New World Stoneworks

508-278-7007; Fax: 508-278-7014

www.newworldstoneworks.com

Uxbridge, MA 01569

Supplier of natural stone: matches historic stone; photographs existing stonework, extracts pattern & delivers complete hand-chiseled job.

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Old Carolina Brick Co.

704-636-8850; Fax: 704-636-0000

www.handmadebrick.com

Salisbury, NC 28147

Manufacturer of handmade brick, pavers & fire-place fronts: 12 styles of pavers; special shapes, glazed headers & arches; fired with coal to provide bisques & unique colors; custom sizes in any quantity; restoration.

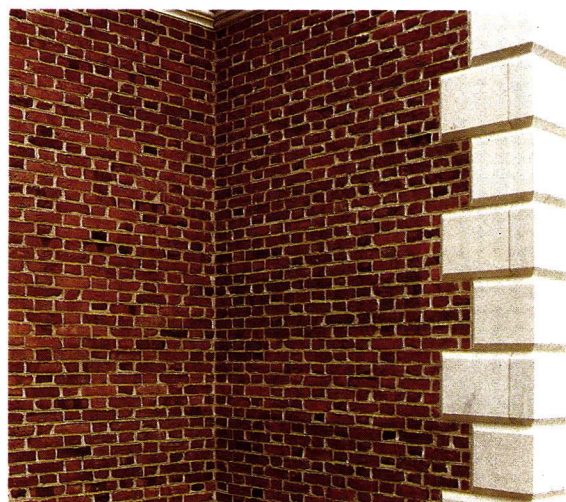
Old Virginia Brick Co.

540-389-2357; Fax: 540-389-4716

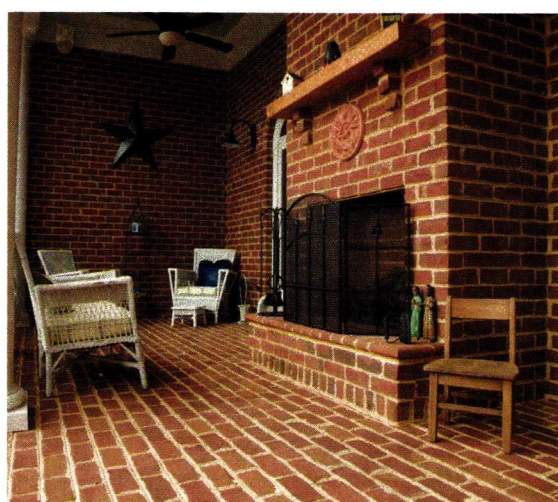
www.oldvirginiabrick.com

Salem, VA 24153

Manufacturer of traditional machine-molded brick: for pavers & face brick; special shapes & arches for walls, terraces, patios & any other outdoor areas; custom shapes, glazed headers; 10 distinct colors.



Old Carolina Brick Co. supplies handmade, coal-fired brick that can be used for both paving and wall facing.



This outdoor room was built using brick from Old Virginia Brick.

Pine Hall Brick Co.

800-334-8689; Fax: 336-721-7517

www.americaspremierpaver.com

Winston Salem, NC 27105

Manufacturer of pavers, face brick, thin brick & special shapes: 40+ face-brick styles; 60+ clay-paver styles including Rumbled, CityCobble, permeable RainPave & StormPave; since 1922.

Pleasant Valley Stone

845-635-4007; Fax: 845-635-2030

www.pleasantvalleystone.com

Pleasant Valley, NY 12569

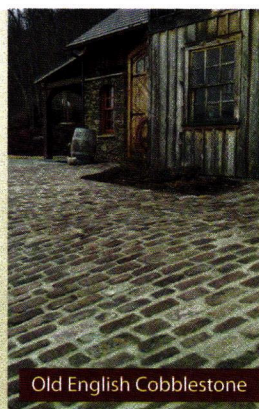
Supplier of natural stone: Vermont slate, granite & more; custom cutting; imported & local stones available.

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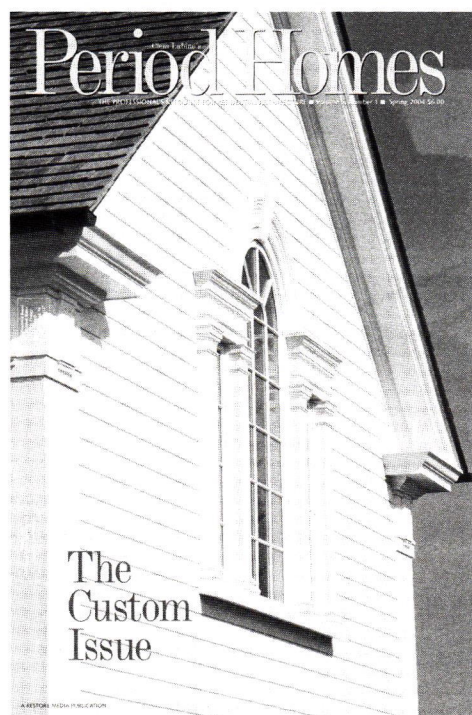
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Exterior Spaces: Gardens & Landscapes
Multi-Unit

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

JUDGING CRITERIA

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

WINNERS

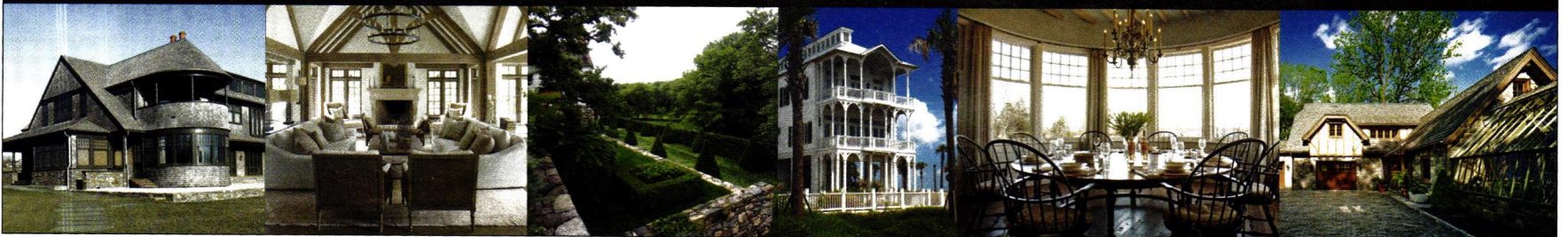
If you are one of the winners of a Palladio Award for 2013, you will receive a Palladium – the cast-bronze trophy emblematic of the program, designed, sculpted and cast by the artisans at Historical Arts & Casting, Inc., West Jordan, UT – at the Traditional Building Conference. You will also have the opportunity to give an illustrated presentation of the project at the conference and the project will be published in the July 2013 issue of *Period Homes*. Winning projects will also be highlighted for 12 months on the Palladio Awards website.

DEADLINES & ENTRY REQUIREMENTS

The deadline for receipt of the completed entry package is November 23, 2012.

For complete details on the awards program go to

www.palladioawards.com



Arthur Ross Awards 2012

The Institute of Classical Architecture & Art (ICAA) has announced the 2012 Arthur Ross Awards for excellence in the Classical tradition. This year, honorees were named in five categories: architecture, artisanship, history/journalism, stewardship, landscape design, in addition to a Board of Directors Honor.

The 2012 jury included Kathryn Herman, chair; Donald Albrecht; William H. Bates III; Dara Caponigro; Adele Chatfield-Taylor; Robin Karson; Peter Pennoyer; R. Douglass Rice and Jean Wiart. "Lively discussion among the jurors, coming as they did from far and wide, like the Institute itself, assured a fine roster of Ross Award recipients in this important anniversary year," said Herman.

"The annual Arthur Ross Awards gathering reminds one and all of the unique value of what we do in education for students, practitioners and appreciative public alike," said ICAA president Paul Gunther. "It's a chance to connect with those in so many related fields who can stand on his shoulders today." The awards will be presented on May 7 at the University Club in New York City. For more information, go www.classicist.org. The 2012 winners are:

Architecture

Hammond Beeby Rupert and Ainge Architects (HBRA) of Chicago was cited for its civic and residential commissions that "demonstrate sensitivity to context, technical expertise and with creative artistry." HBRA is also a 2012 Palladio winner.

HBRA designed the new Tuscaloosa Federal Building (right) and Courthouse in Tuscaloosa, AL.

HBRA leadership: Thomas Beeby, Chairman Emeritus, (seated); principals, standing left to right, Craig Brandt, Michele Silveti-Schmitt, Aric Lasher, Dennis Rupert and Gary Ainge. *Photos: courtesy of HBRA*



Landscape Design

The ICAA cited Edwina von Gal of East Hampton, NY, "whose compelling designs tread lightly and knowingly on the land in unexpected and imaginative ways."

To preserve the feeling of the old fields of Long Island, von Gal inserted the pool and deck and then transplanted clumps of the meadow into the disturbed areas.

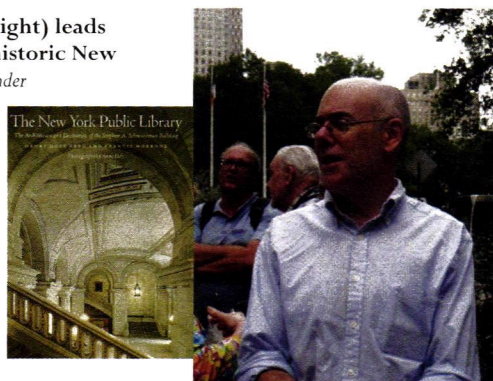


History/Journalism

Francis Morrone of Brooklyn, NY, is a historian, raconteur and teacher. "He has displayed an extraordinary knowledge of New York and beyond through his books, essays, tours and lectures," the ICAA states.

Francis Morrone (right) leads tours throughout historic New York. Photo: Elsa Solender

Morrone was the co-author, with Henry Hope Reed, of *The New York Public Library*. (W.W. Norton, 2011)



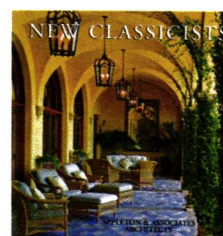
Board of Directors Honor

Marc Appleton of Santa Monica, CA, is an architect, author, teacher and ICAA trustee emeritus. The ICAA noted that his "visionary leadership spawned and nurtured the advent of ICAA chapters across the country, beginning in Southern California."

Marc Appleton, Appleton & Associates, Santa Monica, CA.

Photo: courtesy of Appleton & Associates

The work of Appleton & Associates is featured in this book, *New Classicists* (Images Publishing Group, 2008).



Stewardship

The U.S. Commission of Fine Arts, Washington, DC, has been a "careful guardian of the artistic, architectural and urban design in our nation's capital for more than a century."

The terra-cotta seal of the U.S. Commission of Fine Arts; the commission at work (right). Photos: Carol Clayton Photography, courtesy of the U.S. Commission of Fine Arts



Artisanship

The ICAA selected Rhett Butler of E.R. Butler & Co., New York, NY, noting that he is a "meticulous craftsman and exacting scientist who has set an unparalleled standard for hardware excellence in the 21st century."

Rhett Butler, E.R. Butler & Co.
Photo: Elle Mularchyk

E.R. Butler created the hardware for the front door of the Tweed Courthouse in New York City. Photo: Lauren Coleman



Classic Beauty

By Thomas P. Matthews, Jr.

What makes Classical architecture so enduring? British philosopher Roger Scruton addresses this in his BBC essay entitled, "Why Beauty Matters." He begins by observing, "At any time between 1750 and 1930, if you had asked educated people to describe the aim of poetry, art or music, they would have replied 'beauty.' And if you had asked the point of that, you would have learned that beauty is a value...as important as truth and goodness."

Classicism and beauty were brought to the fore in Denver recently at a gathering hosted by Rocky Mountain ICAA president Don Ruggles. Patrons were invited to learn about a new program soon to be offered by the University of Colorado Denver (UCD), where graduate students will be able to earn an ICAA Certificate in Classical architectural studies founded on the Beaux Arts paradigm. The school is recognizing that there is a growing market, or niche, for Classically trained students.

We gathered in the large living room and assistant dean Taisto Makela gave an illustrated talk entitled, "Why the Classical?" He began by saying that Classical architecture is not to the exclusion of other forms and that Classicists are not the "style police." There is room for all kinds of architecture, but it so happens that our passion lies with the abundantly rich Classical tradition.

While viewing slides of students' work, someone asked, "What about the constraints of Classical architecture?" This prompted architect and instructor of ink-wash technique Cameron Kruger to respond: "The Classical language provides architects with a grammar and vocabulary that allows rich and varied expression. In teaching my ink-wash class I've noticed that the students begin the semester thinking that they are limited to the Doric, Ionic and Corinthian, and they can only do one of three possible drawings. However, by the end of the term, they all come to realize that the Classical language provides them with the support needed for nuanced expression. They see their own personality and those of their classmates coming through in their compositions. And they begin to understand the value of Classical training."

A lively discussion ensued between several professors and others present when a philosopher in the audience observed, "Greek temples were informed by mythology and the stars, so how can they be relevant today? What would be the motivation?" In effect, why the Classical? Various reasons were being bantered about when Don Ruggles stepped forward and quietly said, "Beauty." Everyone paused and listened. He continued, "Beauty is consistently the common thread that weaves it all together. The world around us! Nature! I believe as architects one of our primary responsibilities is the creation of beauty. I recently stated this perspective to a New York City architect and he countered by saying, 'That's a slippery slope – beauty is in the eye of the beholder.' My observation is that beauty is in fact universal, and there are simple fundamentals that engender this notion."

Indeed, nearly all of our ideals of beauty stem from nature. The ultimate created thing of beauty is the human form, from which the early Greeks derived their system of art and architecture. The foundational principles of proportion, symmetry, hierarchy and balance all have their roots here. Such beauty is timeless. This is why most people consider the ancient Parthenon and the Louvre's sculpture of Aphrodite as quite beautiful even after some 2,000 years. There are things people look at and admire and in their hearts *know* are beautiful.

If you seek beauty in art and architecture and want to learn more about Classical principles, may I suggest the ICAA. A couple of years ago when one of our members discovered he could now share his love of traditional architecture through the chapter with other people, he said, "Why, this is like manna from heaven!"

Denver enjoys a wealth of Classical tradition and one of the



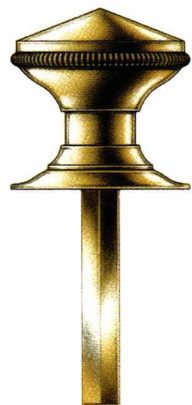
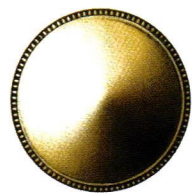
The Equitable Building (1892) in Denver was designed by Andrews, Jacques & Rantoul.

ways the chapter has been building on this rich heritage has been through monthly behind-the-scenes building tours called "Columns & Coffee." Committee chair Chad Cox explains: "Columns & Coffee is designed to give people an appreciation and insight into Classical design, and it's helping connect people with each other and to the relevance of Classicism today. We get into the basement, the attics, learn secrets about the buildings that only a handful of people close to those buildings know. When people see these places, they're amazed by the amount of thought and intellectual vigor that went into these buildings 100 years ago."

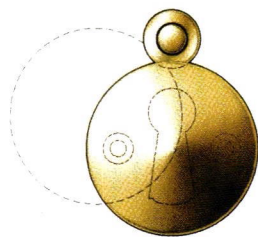
Through the ICAA one can find an abundance of lectures, tours and publications. The Rocky Mountain chapter has been privileged to host lectures by some of the foremost architects thriving within the Classical niche today, with many more planned. Architects like Gil Schafer, David Schwarz, Peter Pennoyer, Bobby McAlpine, Marc Appleton, and most recently, Mark Ferguson of Ferguson & Shamamian, have challenged us to keep building on our wealth of Classical tradition here in Denver. The work of all of these architects holds true to Vitruvius, the architect in ancient Rome who taught that every building must exhibit the qualities of strength, utility and *beauty*. ■

An architect practicing in Denver, Tom Matthews greatly admires Classical architecture and strives to use time-tested principles in designing traditional houses for modern living. He serves on the board of the Rocky Mountain Chapter of the Institute of Classical Architecture & Art.

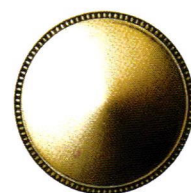
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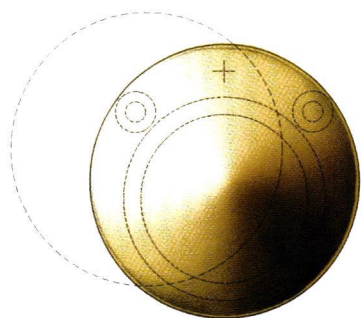
Thumbturn and Rose



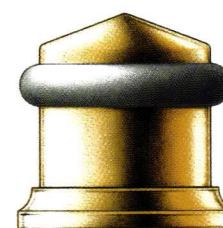
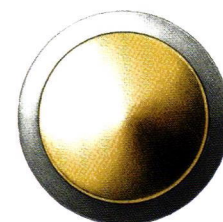
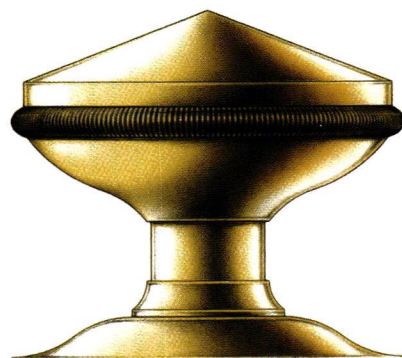
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