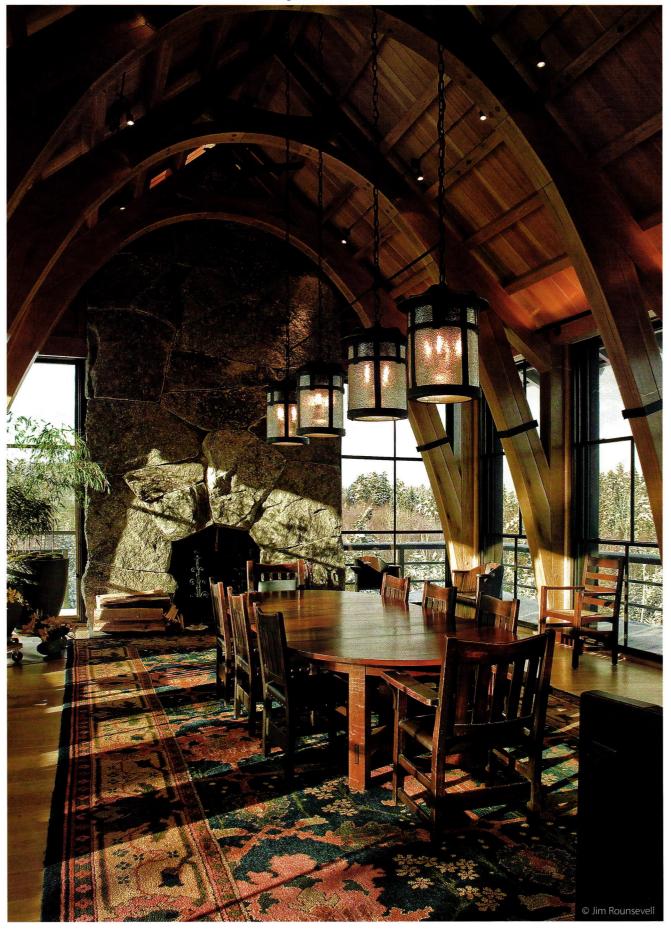
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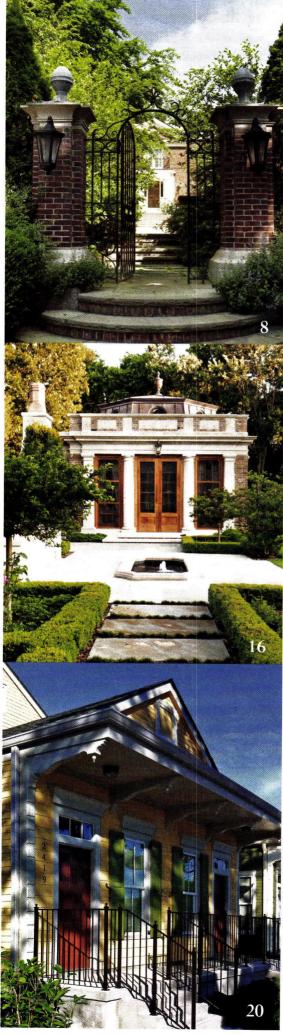
On the cover: Gregory Lombardi designed this sidestreet garden for two back-to-back townhouses in Boston, MA. See page 8. Photo: Eric Roth

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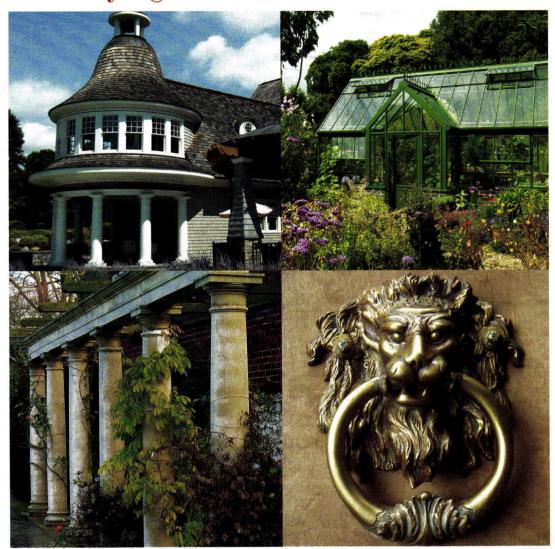
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The Buying Guides exteriors & gardens



Buying Guides

In this issue you will find 21 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 Balustrades to Fences & Gates and Exterior Lighting. They form a most comprehensive source for professionals working in restoration, renovation and traditionally styled new construction.

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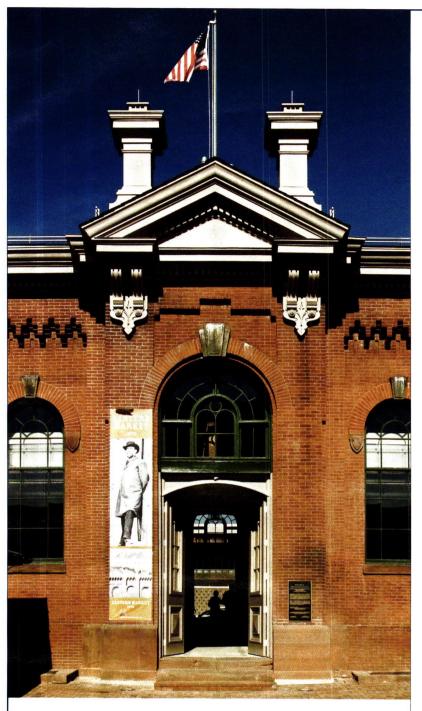
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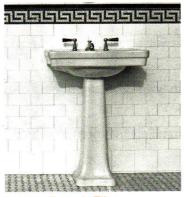
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Landscape architect Gregory Lombardi regards his projects as "living canvases." *Photo: Annie Schlechter*

Top: A custom wrought-iron and bronze gate, framed by 9-ft.-high brick piers, offers the pedestrian approach to the new Georgian-style house, whose landscape Lomardi transformed. The front door is visible through its ornate, open design. The lanterns are antique. The plantings, which include a boxwood and arborvitae hedge, purple catmint and shrub roses, are layered to soften the space. Photo: Eric Roth

Natural Palette

Gregory Lombardi, landscape architect, has had a lifelong passion for art, history and historic preservation. By Nancy A. Ruhling

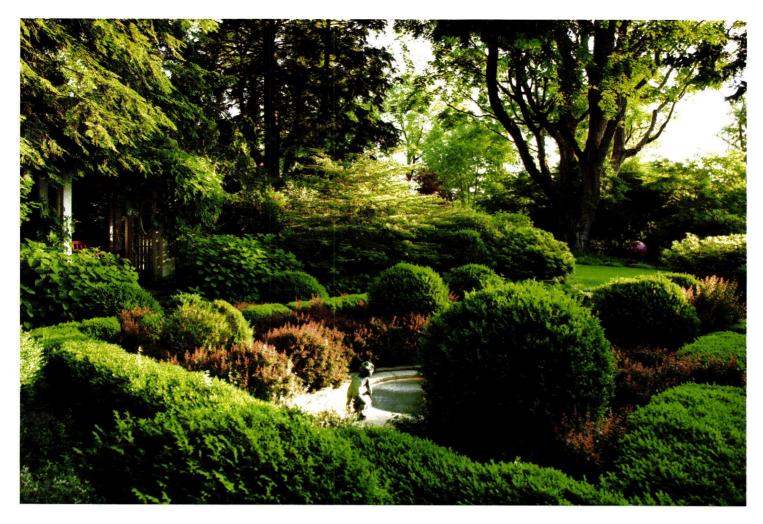
esigning a landscape is like studying a piece of art," says Gregory Lombardi. "You find its meaning — in its color, form, texture and choice of plants — by analyzing it and asking yourself what story it tells." It is no accident that landscape architect Lombardi, founder and president of the Cambridge, MA, firm that carries his name, approaches his work with an artistic eye: He has an undergraduate degree in art history and since childhood, has had an abiding interest in art and historic preservation. These passions fuel his design philosophy, which calls for "the fresh interpretation of classic, timeless principles to create meaningful spaces."

For the more-than-two decades that he has been painting with plants, Lombardi has established himself as a master of residential projects, whether he is designing a Boston roof terrace, Cape Cod compound or Palm Beach condo. "The homeowners I work with are not clients, they are patrons," he says. "They have remarkable physical locations that allow me to create unique interactive landscapes. My gardens are works of art, and I approach them seriously. I don't waste gestures or add a line that doesn't tell a story. I'm a good editor — I don't waste time on something that doesn't propel the plot."

Lombardi notes that his "living canvases" provide a unique sensory experience that is not only visual. "There are auditory and olfactory elements that evoke feelings and memories," he says. "For instance, when I smell lilacs, I remember my grandmother's house."

A self-described "Nature Boy," Lombardi was taught the beauty of the blooms by his grandfather, who every spring took him to pick out plants at a friend's greenhouse. "This cultivated my interest," he says. "I could buy whatever I wanted as long as I planted it. I learned that you have to be patient with gardens."

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Left: The not-so-formal knot garden, planted on the site of the Olmstead original, is defined by a boxwood border. It includes a red swing cloaked by purple wisteria, a round pool and a modern mushroom sculpture. It is planted with red dwarf barberry and flowering euonymus. Photo: Eric Roth

Below: The slate-roofed pool house, which pays tribute to the Georgian architecture of the main house, is made of wood clapboard painted white instead of brick to make it look fresh and understated. A hot-water spa and a runnel fountain pave the way for the elliptical swimming pool.

Photo: Eric Roth

Rather than adhering to one "absolute style," Lombardi explains that his projects, most of them in the Northeast and Florida, possess a defining "rigor or discipline" and a "level of thoughtfulness, detail and craftsmanship" that set them apart. "There is no one style that dominates the design," he says. "All contexts are considered for synergistic impact."

In many cases, he works closely with architects and is integrally involved in the design of master plans that meld indoor and outdoor spaces. "The creative challenge for me is pulling all the disparate elements together to make a statement," he says. "I'm orchestrating the entire environment."

Lombardi's design process

is straightforward: After consultation with the homeowner, he develops a schematic master plan and design layout. "It is important that people understand that you don't have to do everything at once," he says. "When you have a plan, you can phase things in."

Unlike houses, gardens are not forever, and that only makes them more alluring to Lombardi. "The most interesting aspect of gardens is their ephemeral pieces," he adds. "They make you aware of your own mortality by providing seasonal markers that illustrate the passage of time. It is sad when flowers pass, but they make you aware that you are sharing the planet and waiting in anticipation of an awakening."

It is nature's inevitable alterations that Lombardi finds so compelling. "Whether the garden lives beyond the owner is irrelevant," he says. "It will change and grow and touch other people in different ways."

Lombardi would like to think, though, that his designs "prove so timeless and universal that the new owner recognizes their power and deems them worthy of preservation."



Wild Restraint

The new house was a strait-laced red-brick Georgian, the type of traditional residence that simply called out for a no-nonsense, Classical landscape. But the owners, a couple with four active adult children who declared themselves "informal people," wanted none of that. They saw their 1.9-acre Brookline, MA, country estate, which originally had been designed by the venerable Olmstead firm, as a more relaxed setting and commissioned Gregory Lombardi to create traditional spaces that weren't quite so strict.

"The owners wanted a slightly overgrown and romantic look that was playful," Lombardi says. "They saw the property as a lush, languid English country estate." Drawing upon the work of Edward Lutyens and his collaborations with Gertrude Jekyll, Lombardi came up with a master plan that carved out distinct areas, or rooms, according to the Classical tenets of symmetry, order and proportion and used lush plantings to soften walls and paths set on rigid geometric grids.

A grassy square is the main focus of the courtyard outside the indoor riding arena, which is 125-ft. long. The granite-bordered square, which is surrounded by 4-in.-sq. cobblestones and blocks of granite, is centered by an antique mill-stone. Photo: Devin Hefferon

Each room takes its cue from the architecture, a device Lombardi used to extend the living quarters outdoors. "The further you go from the house, the less formal the spaces become," he says.

The tone is set at the street side, where Lombardi designed a pair of 9-ft.-high red-brick piers that support a custom wrought-iron and bronze gate that draws attention to and frames the home's front door. "This was done in homage to the original drive," Lombardi says. "It is my civic gesture to the neighborhood."

The closest garden room to the house is the Family Terrace, which is designed for casual dining and entertaining. To link it, the most architectural room in the garden, to the house, it is paved with the most intricate pattern of interlocking brick and bluestone circles on the property, which Lombardi designed to create a tapestry effect.

Herringbone brick walks connect to the Cocktail Terrace, where a pergola softens the height of the building and offers shade. Radial, monolithic bluestone steps signal and soften the change of direction, connecting the great lawn and pointing toward the Olmstead flowering knot garden, which was planted on the remains of the original. The space, which the owners like to keep un-pruned, features a dainty circular pool guarded by a cheeky cherub and a fire engine-red wooden swing sheltered by an arbor abloom in purple wisteria.

"As the red swing and purple wisteria show, the owner is not afraid of color," Lombardi says. "We kept everything green and white and added accents of red so it has a surreal 'Alice in Wonderland' feel."

The elliptical swimming pool, anchored by a wooden clapboard Classical-columned pool house painted white, sports three sections that encourage progressively active pursuits. Its brick terrace opens to a hot-water spa that features a runnel fountain that cascades over bluestone slabs layered like a cake into the swimming pool.

The tennis court, reached via a casual set of steps and a steppingstone walk, houses a shed that, peeks from behind a folly formed of foliage.

"Every time I visit the owner, and we walk around," Lombardi says, "I always say, 'Let's cut these back a little' and the reply is, 'Can't we just let it go?'"

Yea! Is for Horses

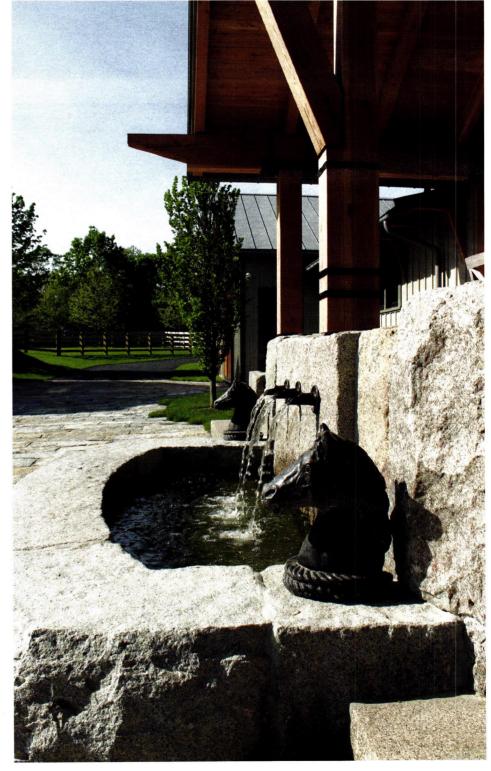
The 10-acre horse farm, which is in the western Boston suburbs, has been christened Beechwood, the name reinforced by the newly planted pair of beeches that stand sentinel over the indoor riding arena.

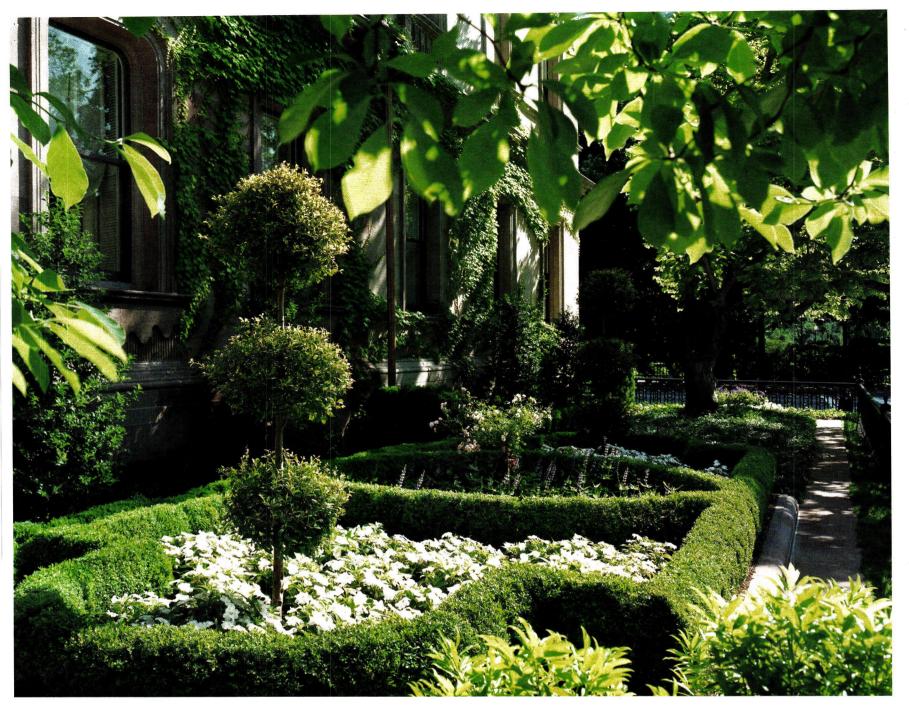
As the horse trots, the family residence is only a quarter mile away, and the owners wanted to make it as sophisticated as their own home. "They wanted it to be timeless and to look as though it had been there all the time," Lombardi says. "They paid the same attention to detail and craft on the farm as they did to their own home because they saw it as an extension of family life. They never said, 'This is just for the horses."

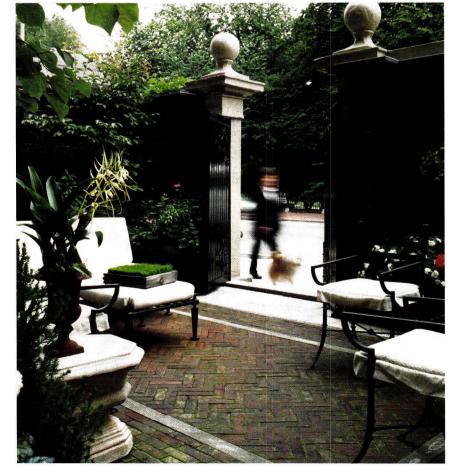
In addition to landscaping, Lombardi's firm was called upon to design the layouts of the roads, the grading, the walls and fences and to help the architect with the siting of the buildings, which include an indoor riding ring that is as large as an industrial building, a 12-stall horse stable and a quaint stone service barn/guest house.

The rough-hewn granite fountain is designed to look like a horse trough, and it's at the right height for the animals to stop and take a drink. The metal horse heads reinforce the animal theme. Photo: Devin Hefferon









Above: Two back-to-back townhouses in Boston's Back Bay share one sidestreet garden, half of which is a formal parterre. The other half, which has an au natural look, features a historic white magnolia. *Photo: Eric Roth*

Left: In the former coal-delivery space, Lombardi created a garden that includes seating. He paved it with sand-cast antique brick, adding a thin limestone band and a wide granite band whose variegated color ranges from pale grey and white to lavender. Photo: Eric Roth

"We did a lot of research on plants that aren't poisonous to horses," Lombardi says. "That's why we chose beech trees and made them our theme. They are naturally majestic and large."

The arena's outdoor courtyard is a prime feature of the project. The style-defying building, which Lombardi describes as "simple and honest in presentation," features a metal roof, heavy timber support pieces and post-and-beam construction.

To ground it, Lombardi designed a 25-ft. grassy square that is bounded by a border of New England granite and centered by an antique millstone. It is surrounded by long-wearing, 4-in.sq. cobblestones that give way to larger slabs of granite. This sea of green gives horse and training trailers ample room to turn, and stands up to the occasional tire tread. "It feels hefty and powerful," Lombardi says. "Its wide border and banding give it a rough-hewn nature that is in keeping with the horse theme. And the different types of paving materials break up the courtyard's massing."

A 2-in-1 Solution

Oftentimes, gardens become lost to time, and such was the case with those at a Beaux Arts/Romantic Revival townhouse on a prominent street in Boston's Back Bay. The historic five-story mansion had been



expanded to include the townhouse that was attached to its back when it was converted to condos. When Lombardi saw it, the street-side garden, which was encased by an antique cast-iron fence, was history.

"We had to ask ourselves, 'What would have been there originally?' and work from there," he says. "I pictured an Italianate or French parterre garden that was neat, tidy and clipped."

That would have been well and good a century ago, but there's an old magnolia tree on one end of the property that has become somewhat of a tourist attraction. "It is really beautiful," he says. "Most of the other magnolias are pink; this one is white, and people take their wedding pictures in front of it."

To address this challenge, Lombardi designed the garden into unique but complementary segments along the two façades, one of which incorporates the white magnolia. Creating the design in this way, he says, reminds viewers that the townhouses, one buff sandstone, the other pink sandstone, tell two stories.

To reflect this, he balanced each end of the boxwood-bordered parterre with a topiary fashioned from a non-hardy privet, and further tied the two with ivy—"just enough to soften the walls and create a cool, green vertical line." A pale pink rosebush in the center circle of boxwood references the hues of both buildings. The interior spaces are filled with annuals that are changed with each season. "We fill them like vases," he says.

To accentuate the Classical form, Lombardi put a great deal of detail into the border's hard edges, letting the stone curve to keep it married to the hedge. "This project was like doing a geometric proof," Lombardi says. "It was seamless and tight."

Lombardi also designed an outdoor garden space in the original coal-delivery corridor at the back of the townhouse. He covered the heavily damaged brick walls with trellised mahogany woodwork that was painted a black-green and used what he calls "a mixed tapestry of plants" in a classic palette of dark green and white to bring an air of tailored elegance to the courtyard garden.

Relaxing All the Rules

Vacation homes are made for relaxing, and Lombardi kept that in mind when he landscaped the waterside property of a new Shingle-style home in South Dartmouth, MA.



The lawn steps offer a sweeping view of the ocean. Photo: Troy Sober

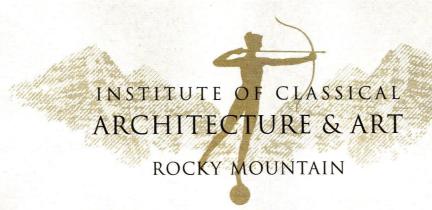
With four active children, the family is a busy one, and "they come here to be off the grid in a sophisticated way," Lombardi says. "It is their seasonal beacon."

Lombardi devised a plan that shows off the simplicity of the four-acre property and retains its natural understated beauty. A big, sweeping lawn, complete with towering oak trees that have been there hundreds of years, defines the space.

"This project was less about the gardens than about creating venues for orchestrated experiences that range from bike riding and lawn games to swimming," he says.

To round out the plan, Lombardi created a Classical garden with traditional landscape forms that is sited close to the house. This garden room, which is visible from the kitchen window, opens to terraces and the water beyond. The swimming pool forms another room. ■

Nancy A. Ruhling is a freelance writer based in New York City.



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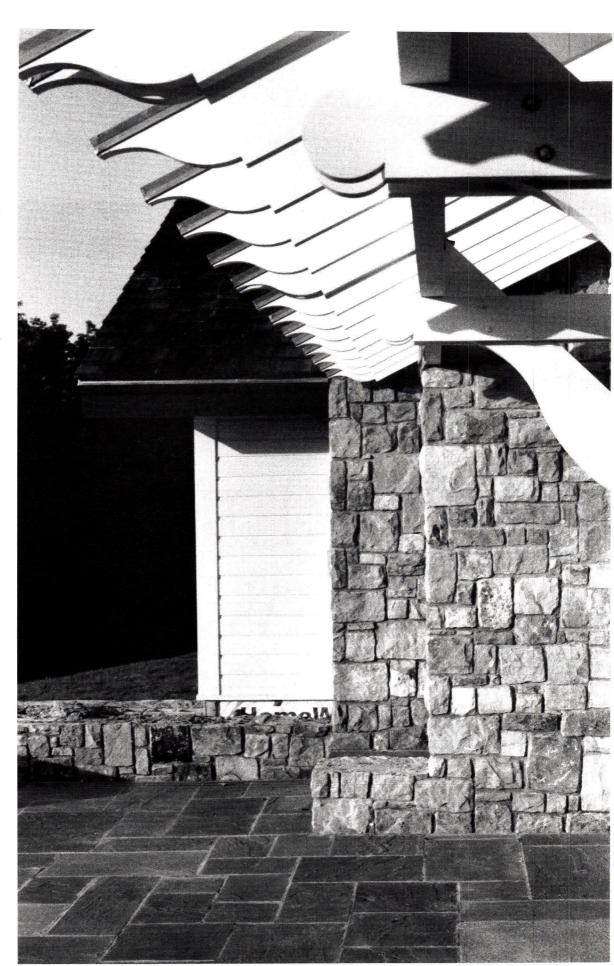
ractitioners and proponents of sustainable design have long asserted that any serious discussion of the topic must begin with lovability. If a building is not loved, they say, no "gizmo green" products or sustainable practices can save it, and the embodied energy of its materials, from the landfill. What's on the outside definitely counts.

Integrating contemporary technologies within historic or historically-inspired exteriors is a common challenge, for which there is no one-size-fits-all solution. While some modern environmentally-conscious products, such as solar panels, can be too conspicuous for certain tastes, many others have minimal or zero visual impact. Conversely, tried-and-true traditional building practices are often selected to enhance the beauty of a building, yet offer the added benefit of being intrinsically green.

Voith & Mactavish Architects (VMA) of Philadelphia, PA, believes that great architecture comes from innovation within the context of tradition; "conserving the best of the past while celebrating the needs of the present and the promise of the future." The firm is a Gold-ranked charter member of the Greater Philadelphia Green Business Program and close to 100% of its staff is LEED accredited.

"Traditional building materials can be highly sustainable, especially if locally sourced"

Among the most commonly used sustainable exterior products to feature in VMA's residential designs are brick, slate and field stone. "Traditional building materials can be highly sustainable, especially if locally sourced thereby reducing the amount of fossil fuels required for transport," says principal Daniela Holt Voith, AIA, IIDA, LEED AP BD + C. "The LEED-certification guidelines define local as being within a 500-mile radius of the construction site. Traditionally builders used regionally-quarried stone and locally-manufactured brick for reasons of economy and availability. Using local stone helps define a regional style and a sense of place, the added benefit is it also saves energy."



Utilizing local materials, such as locally-quarried field stone, reduces the use of fossil fuels and imbues new structures with a sense of place. Photo:Tom Bernard

When a project calls for wood siding, VMA often reduces the environmental cost by substituting cementitious planks. Not only do they offer exceptional severe-weather protection, but they also hold paint more effectively than real wood planks. There are limitations, however, to this material. "Since cementitious planks do not have the same ability to be worked, eased, joined as wood does, we find that using cedar for window and door surrounds, and other trim and limiting the plank to the fields is the best approach," says Voith. "Additionally, limiting the extent of end-to-end joints by paneling or subdividing the façades greatly assists in the success of this material."

Beyond appearances, sustainable technologies can offer real energy savings for homeowners and improve comfort and efficiency. For a recent barn conversion project, VMA utilized standing-seam metal roofing and closed-cell spray foam insulation. The latter simultaneously provides insulation and a vapor barrier on an existing wall - all while preserving the beauty of the existing structure. "Standing-seam metal roofing can be a great green product for traditional architecture," says Voith. "Depending on the manufacturer, these roofing systems can have high recycled content and often, the systems can be chosen with either a high-reflectance coating for darker colors, or a very traditional galvalume finish, either of which will help with reducing heat island effect.'

For the right roof or wall application, VMA is also a fan of rigid foam insulation. "Achieving a highly insulated wall is a priority for energy efficiency and striving for netzero," says Voith. "We like Hunter Panels for the combination of sheathing and very high insulation in a narrow dimension." These energy-efficient polyisocyanurate insulation panels are Energy Star approved and contribute to LEED credits. **TB**

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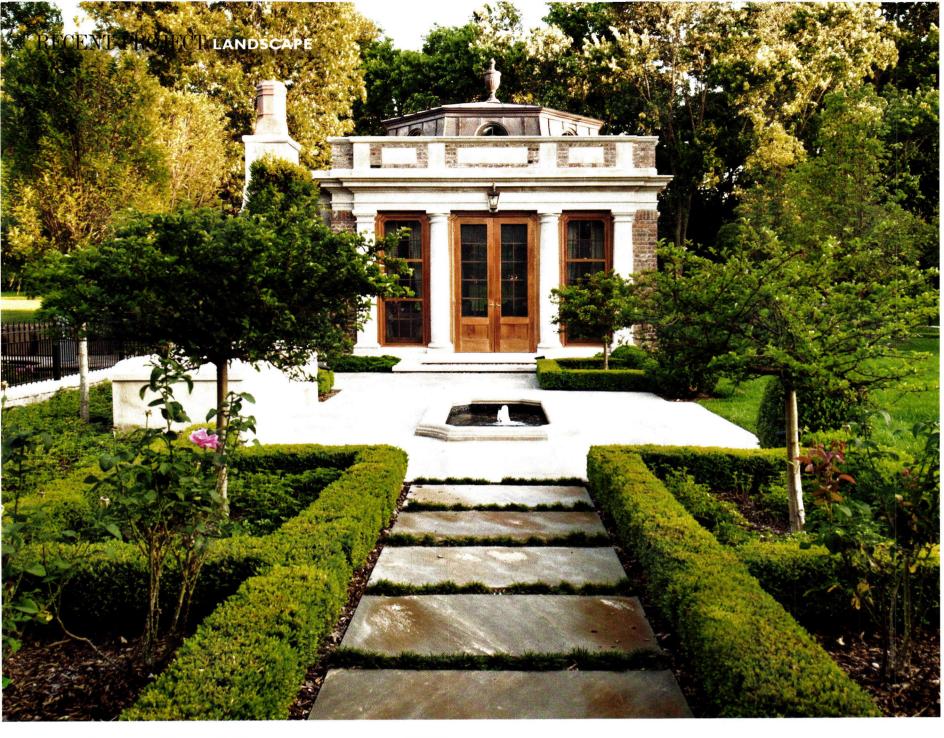
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Closed-cell insulation is sprayed onto the exterior masonry wall in a recent barn conversion project by VMA.

Photo: courtesy of Voith & Mactavish Architects





A New Perspective

A garden folly adds another dimension to an historic property in Nashville, TN.

Project: Residence, Nashville, TN

Architect: Wade Weissmann Architecture Inc.: Brown Deer, WI; Wade W. Weissmann, AIA, President here was nothing much remarkable about the Georgian Colonial house, which had been built in Nashville's traditional and tony Belle Meade neighborhood in the decade after World War II was history. And that is what bothered the owners, who longed for an architectural element or ornament of note on their 10-acre property. Such an addition, they reasoned, would offset their two-story, 7,000-sq.ft. house, which, through the decades before they bought it, had been extended and altered in erroneous and erratic ways. While they were searching for a solution that would bring the house up to date by perusing the past, they turned to the landscape for solace.

That is how they came to commission a folly. "They wanted a destination room for gatherings and personal contemplation that had a different feeling from the rest of the house," says Wade W. Weissmann, AIA, president and lead architect of the Brown Deer, WI, firm that bears his name. "It became a cornerstone of a larger landscape plan we designed that created an outdoor courtyard and included redesigning two façades of the residence and adding outdoor space for the active family."

The one-room, 525-sq.ft. folly, which was constructed for \$1.15 million, was sited between the formal lawn and the pool area, a position that turned it into a gateway between the two disparate and distinct spaces. "The owners, who are well educated in design and history, actually asked for a folly," Weissmann says. "They didn't

The garden folly features Tuscan stone pilasters and entablature, reclaimed brick infill, a copper mansard roof and wood-and-glass doors and windows. All photos: Wiff Harmer

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Right: The pool side of the folly features the fireplace and chimney, which break the perfect square geometry of the structure. The chimney pot adds height and gives the folly a time-worn look, which is what the owners requested.

Below Right: The swimming pool's bottom was painted dark blue to enhance the reflection of the folly.

want it to be a pool house or a cabana. Historically, follies had no function. They were architectural ruins that were decorative only. But this isn't a period piece; it's designed for modern living and balances livability and artistry."

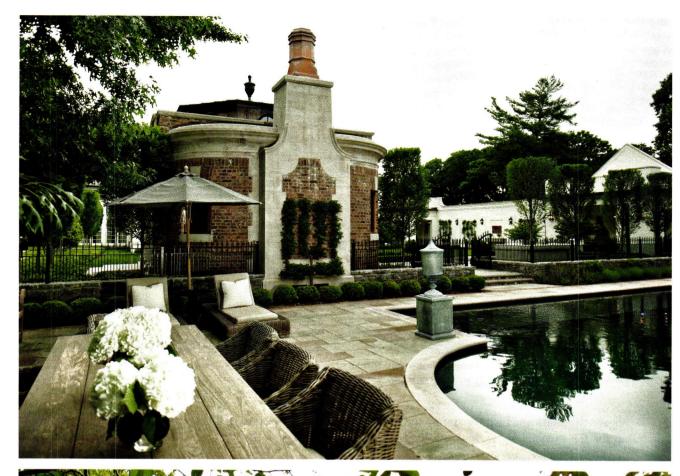
Modern living for this particular family meant creating one single yet gracious space that had multiple uses: study, media room, dining room and gathering room. "It was to be a room for all seasons," Weissmann says. "And it was to be historically accurate and somewhat whimsical in its detail." The mission was to create a dynamic and dramatic design that looked as though it had been built centuries before the main house but that didn't overwhelm the existing architecture. "We looked to the Southern antebellum Georgian style that's predominant in the neighborhood," Weissmann says.

To make the folly the center of attention without overwhelming the property, Weissmann's team created a courtyard that has axial connections to the main house that are defined by a variety of garden elements that form an exterior courtyard. These include a small frog pond, a stone bench, walks of sheared trees and hedges and a square lawn. "A folly is, by definition, an indulgent endeavor, and our greatest challenge was finding a place for restraint," he says. "We looked for restraint in the

scale of the building and in the simplicity of its program."

This was particularly difficult because the main house is horizontal, has low ceilings and a slightly pitched roof, and the owners communicated a desire for a tall ceiling in what they envisioned as the most romantic piece of their newly designed landscape. "Since the folly and the house were meant to work in harmony," Weissmann says, "our design began with the primary structure in mind."

To exaggerate the height of the outdoor living areas, Weissmann's team chose flat roofs concealed by parapets that had higher ceilings. "These encroached into the second-floor space but remained below the second-floor window sills," he says. "Thus, the elevations of the





new additions could create some precedent for the folly elevations."

An octagonal dome literally raised the copper mansard roof off the brick, stone, metal, wood and glass folly. "This allowed the massing of the folly to be consistent with the house's loggia while giving drama to the spaces within by visually expanding the space beyond the parapet walls," Weissmann says.

Another way Weissmann bridged the design gap was to save the formal elements for the front of the folly in homage to the house and to break the building's perfect, square geometry in the back by allowing the fireplace and chimney to rise above the roof to satisfy code and ventilation requirements. "This way, the chimney helps the folly



The front of the folly, which faces the house and formal area of the garden, gives the illusion of a perfectly square centralized building.

engage the landscape by interrupting the enclosure fence that was put up for the owners' show dogs and by serving as a backdrop for the pear-tree espalier," he says.

To make the folly live in the 21st century while keeping its columns and stonework rooted in the 18th, Weissmann retained the traditional Georgian proportions through "small plan offsets that helped to create elevational boundaries with better proportions while keeping the plan at an optimal size. By clipping the interior corners to conceal utilities and condensing the openings of the elevations, we further refined the folly's scale."

Ridley Wills, owner of the eponymous Nashville-based designbuild firm that constructed the folly, says that its "complicated craftsmanship" and clever concealment of systems infrastructure allow it to be "the gem of the garden."

The geothermal system, which supplies heat and air conditioning, has no ugly condenser in sight — it's in the crawlspace and is accessed through a hatch door in the stone floor that's hidden by a rug. Interior downspouts carry water through the walls, spilling it out through bronze spouts at the base, and the folly's few electrical fixtures are bolstered by abundant natural light from clerestory windows and custom doors that create a glassed-in greenhouse effect.

"It's a piece of delight," Wills says. "It's a tiny, intricate building, but it has all the systems of a house but only in one room." The fact



The curves of the custom Spanish cedar doors and frames echo those of the Indiana limestone capitals.



The custom triple-hung windows and glass-filled doors allow in a lot of natural light, blending the vision of indoors and outdoors. The restoration glass speaks of the past.

that it's in the middle of a garden, he adds, makes it seem as though it "grew" there from the seed of a thought.

Although the folly revels in the details, they are simple ones that lie on the informal side. The windows, for example, are triple-hung and transomless to lend a casual air. "We had to make the walls thicker to accommodate the sashes," Weissmann says, "thereby adding to the folly's substance and creating a greater level of historical character."

The custom doors stand tall to accommodate quarter-round insets in their capitals, and the wooden paneling on the walls and ceiling is a chic, down-to-earth knotty maple. "Although tall and dramatic



Internal downspouts at the corners of the folly wash the water to the ground, giving the illusion that the single-room building is a thing of the distant past.

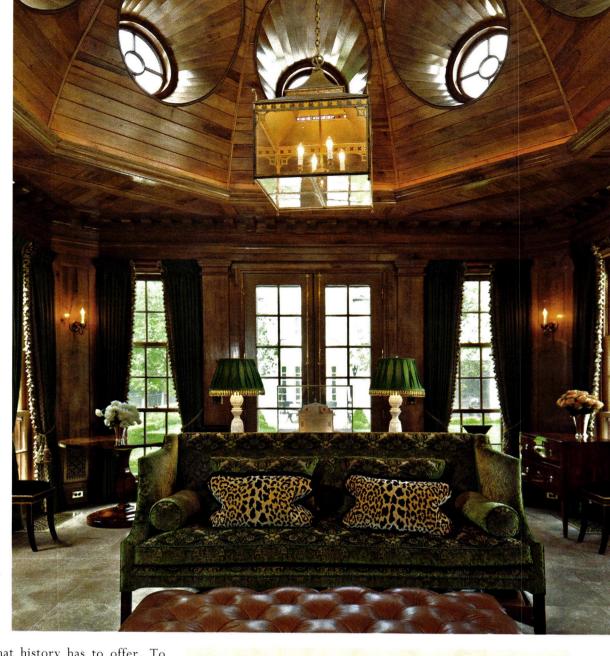
There's little need for electrical lighting in the folly: Natural light pours in through the doors and windows.

in space, the folly is warm and has a richness that is more often found in historic, time-honored buildings," Weissmann says. "The mix of formality and informality, restraint and indulgence allows the folly to live in the whimsical tradition of garden architecture while dutifully honoring its surroundings."

The floor plan provides the ultimate in flexibility: The fireplace, bar and appliances are in the apse, leaving the central space clear for a variety of activities. "One of the things I love about this folly is that it's not a period piece," Weissmann says, adding that the owners have furnished it with Biedermeier pieces from their collection. "There's a TV above the fireplace in plain view. We made no attempt to hide it; it's in a frame so a painting can be placed there in the future if the owners so desire. There also are automatic 'phantom' screens that are activated at the push of a button to keep the insects out."

The marriage of the past and present is a running theme in Weissmann's work. "In this case, we made it work beautifully," he says. "What's more remarkable is that the folly can be the center of attention or it can be benign and beautiful sitting in the landscape as events unfold around it. It's my hope that the folly, which is timeless and durable, will remain to be passed down through the generations even if the house does not."

The folly, in all its glory, remains a symbol of the best architecture that history has to offer. To make sure no one forgets, Weissmann painted the bottom of the swimming pool a deeper blue so it could reflect this fact into the future. — *Nancy A. Ruhling*



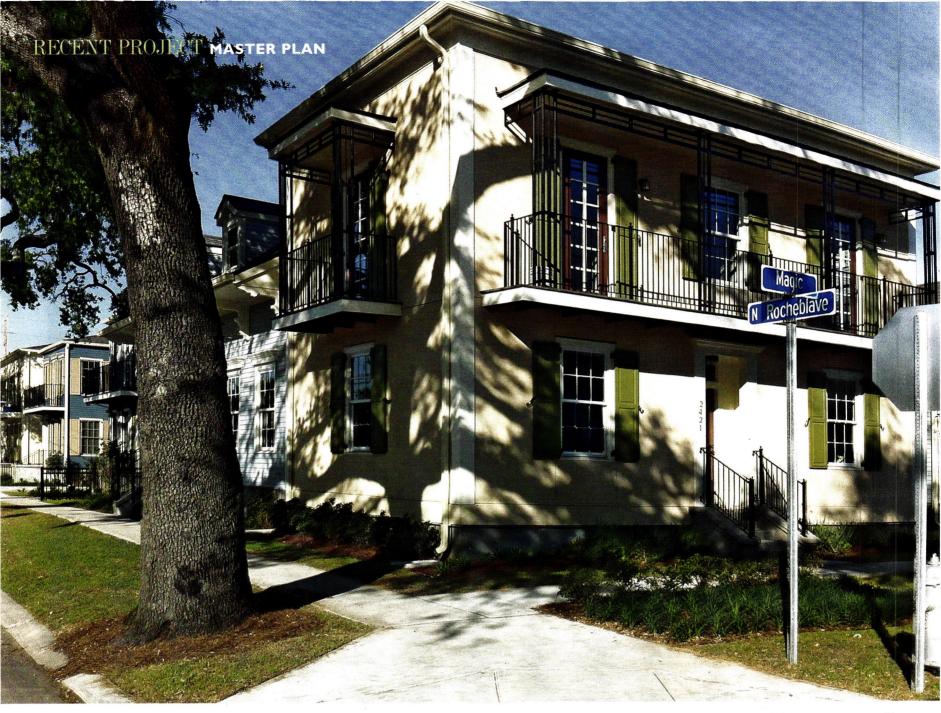
Web Extras: For additional photos and other content, see the web version of this article by visiting "The Magazine" on Period Homes' home page – www.period-homes.com.



The stone floor continues the garden theme inside, and the knotty-maple woodwork, locally sourced, hints a formal informality. A model of the folly, constructed in basswood, provides another homage to the past.



The octagonal dome showcases the round clerestory windows that resemble portholes.



A Community Rebuilt

Urban Design Associates creates a mixed-income neighborhood in New Orleans, keeping the historic integrity of the area intact.

Project: Faubourg Lafitte, New Orleans, LA

ARCHITECT: URBAN DESIGN ASSOCIATES, PITTSBURGH, PA; ROB ROBINSON, AIA, CHAIRMAN; MARGARET M. CONNOR, LEED AP, PRINCIPAL n August 29th 2005, the Gulf Coast region lost more than a quarter of a million homes during the category 5 hurricane, Katrina; one of the most devastating and violent storms on record. In New Orleans, winds reached 175 mph and storm surges were as high as 22 ft. When the levees were breached, the city began to flood, causing catastrophic damage to historic buildings throughout several neighborhoods.

One area hit hard was Faubourg Lafitte, a large public housing development on the border of Tremé, a vibrant community of artists, musicians, and chefs that lend the city its eclectic culture and flavor. When the storm waters resided and winds died down, Lafitte's buildings were uninhabitable. The U.S. Department of Housing and Urban Development mandate determined that the storm-damaged buildings, which sat on 27 acres, must be demolished. Without a home to return to, residents were displaced and sent to other parts of the country.

"The city was in desperate need of housing," says Rob Robinson, chairman of Urban Design Associates (UDA), which was called upon to re-create and revitalize Lafitte. Now in its 48th year, the firm is recognized both nationally and internationally as a leader in creating authentic and successful neighborhoods, districts and downtowns, new communities and campuses. UDA worked alongside federal and local government agencies, as well as Enterprise Community Partners, a nonprofit organization that provides affordable housing and sustainable communities, to bring the project to life.

Urban Design Associates (UDA) completed the master plan for Faubourg Lafitte, a large public housing development in New Orleans that was demolished following Hurricane Katrina. The firm collaborated with federal and local government agencies, Enterprise Community Partners, as well as the displaced to design a vibrant, dense neighborhood that reflects historic precedents. All photos: courtesy of Urban Design Associates



The plan comprises 500 double and single shotgun houses, camelbacks, cottages, townhouses and small apartment buildings, as well as an additional 900 units infill lots within adjacent communities. UDA drew inspiration from early drawings and photographs, and the color scheme and building patterns of neighboring Tremé. Rendering: courtesy of Urban Design Associates

The master plan for the new Faubourg Lafitte development began not as a set of drawings but rather a series of conversations with displaced residents, public officials, as a social service provider, and institutions and businesses in the area. "It took substantial effort to find the former residents," says Margaret Connor, principal at UDA. "Many that had lived in Lafitte had relocated – some as far away as Georgia and Texas. We needed to get their perspective of how they wanted the new neighborhood to look and feel." The meetings were held over a three-month period and focused on what the residents were looking for in their neighborhood.

"People were asked to describe the strengths and weaknesses of the existing community and also their vision of the future," says Connor. "They described streets lined with sweet houses, similar to the pattern of Tremé — which is in stark opposition to the massive brick buildings of the previous housing project — with shade trees and parks for the children to play." Even the neighborhood children participated in the conversation, naming the central street and park feature within the revitalized neighborhood "Magic Street."

UDA is well versed in New Orleans' historic vernacular and neighborhoods, having written books on the subject. The firm carefully studied the patterns found in the Tremé and Tulane/Gravier neigh-

borhoods, and began to create a master plan that would culminate in more than 500 single-family houses and apartment buildings ranging in house type and size to accommodate a whole range of tenants. An additional 900 units in keeping with the character of the existing architecture will be constructed on infill lots within adjacent communities.

"One of the trickiest parts of the project was getting the site to work – figuring out drainage, preserving old trees, and working with a pie-shaped piece of land," says Robinson. Conceived as a collection of neighborhood blocks lined with houses, the dwellings will follow the blueprint found in Tremé. Here open front porches sit close to the sidewalk and small friendly front gardens lie between the two. "The rhythm of the neighboring streets and buildings has a vertical quality," says Robinson. "We looked at early city drawings and photographs," adds Connor. "The houses had gardens with dense plant life, which spilled outside the fence and onto walkways – they really become a form of personal expression in the neighborhood."

The firm introduced a combination of house types into the plan: double and single shotgun houses, camelbacks, cottages, townhouses and small apartment buildings that resemble the grand houses on Esplanade Avenue in New Orleans. The neighborhood is not only connected to

Tremé by the restored street grid, but also by the diverse character of the houses that line those streets. Many of the houses have Victorian detailing and proportions. "This results in a streetscape very much like the traditional ones in Tremé,"

Other influences included Tremé's color scheme and local patterns such as tall paned windows; shallow front porches and stoops; wide lap siding on front façades and narrow lap siding on less critical façades;

The neighborhood reflects tropical and French design themes through tall paned windows, shallow front porches and stoops, bracketed cornices, wide lap siding on front façades and lively color schemes. The result is diverse, yet unified.



Each home is differentiated from its neighbor, be it with a contrasting color scheme, porch, stoop, massing, detailing or roof profile.

cornices with brackets on the front façades painted in a variety of colors. "There is an organic tropical expression here," says Robinson. "The influences are clearly French when there are more courtyard gardens introduced."

While UDA's designs are in tune with local precedents, they seamlessly integrate 21st-century living and building technologies. "Each block has a variety of these new interpretations of traditional building types," says Robinson. This mix creates the diversity of a traditional neighborhood as opposed to the uniformity of a project. "The streetfacing façades have the most ornament to enhance the public spaces,"





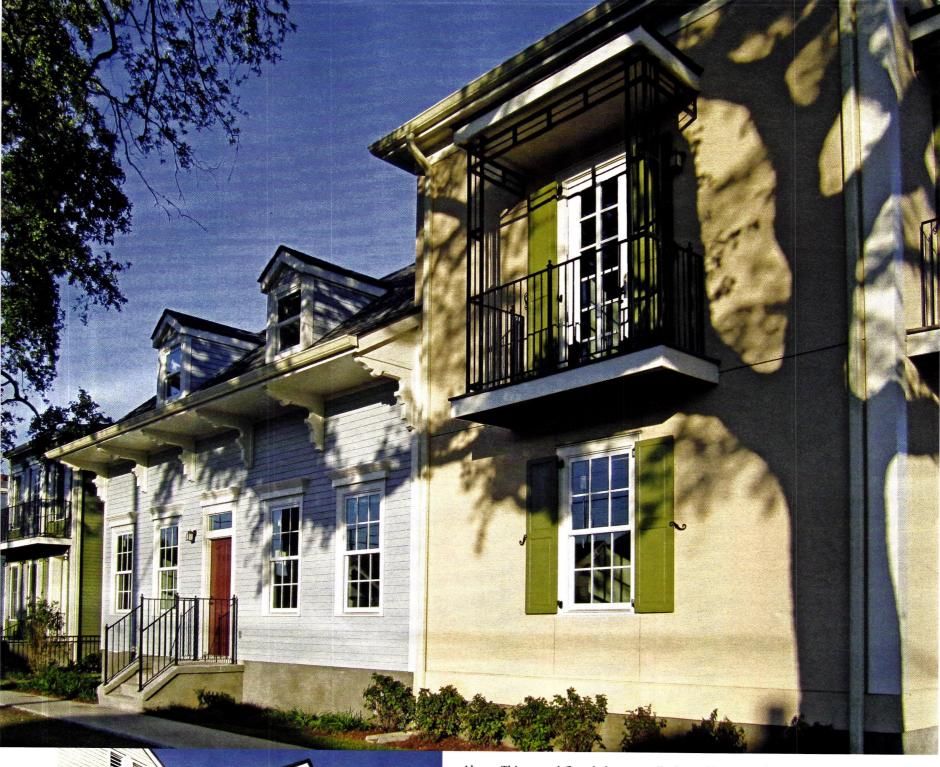
To enhance the public spaces while controlling costs, wide lap siding and ornament is limited to street-facing façades. Less critical façades are finished in narrow lap siding, as was traditionally done. The windows are architectural-grade high-performance impact-rated, and designed to withstand 140 mph winds.

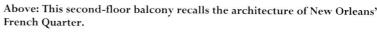
says Connor, "while the back of the houses are less adorned but retain the proportions and some details of the historic buildings - a traditional pattern found throughout the city." Homeowners traditionally focused their time and money on the public face of their buildings and used much simpler materials, and, in some cases, deferred maintenance on the sides and rears. This deference to the public realm $-\ a$ citywide ethic - was continued at Faubourg Lafitte.

UDA detailed each building to vary from its neighbor, be it with a contrasting porch, stoop, massing, detailing or roof profile. Traditional building materials and methods were reinterpreted to meet contemporary construction methods and materials. For instance, simplified versions of locally-inspired brackets were scroll cut from PVC boards using a digital saw. The cut boards were then laminated together and finished and standard millwork knobs were applied. Similarly, wide cypress drop lap siding is used on the fronts of houses, while narrow lap fiber-cement siding on the sides and the rear of the houses keeps costs down.



The neighborhood's main thoroughfare and park, Magic Street, was named by local children, who were included in early meetings about the project. UDA tracked down displaced residents, public officials, social service providers, institutions and businesses - some of whom had located to different states - to take part in the three-month process.

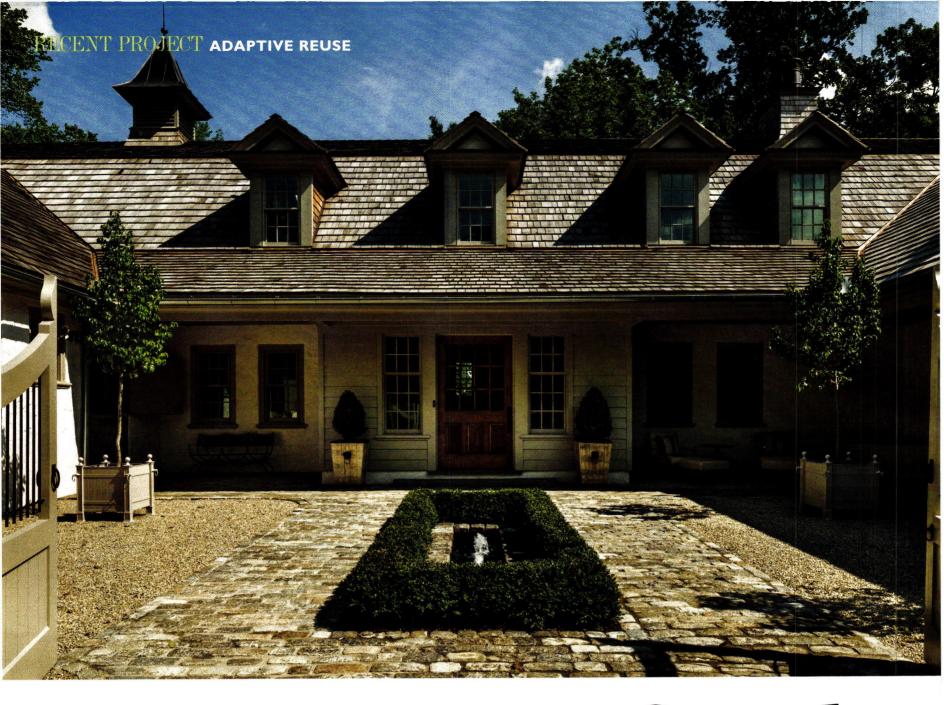




Left: With its shallow front porch and colorful façade, this cottage would be at home in the nearby Tremé or Tulane/Gravier neighborhoods.

New Orleans' hurricane risk and subtropical climate influenced every step of the design process. UDA chose architectural-grade high-performance impact-rated windows to withstand, as required, 140 mph winds, as well as low maintenance decay-resistant materials to cope with the heat and humidity. "The buildings are also raised above the FEMA designated Base Flood Elevation of between 36 and 42 in. across the site," says Connor.

All houses and apartments have ENERGY STAR appliances, ventilation and lighting to adhere to energy-efficiency standards for HVAC systems. Faubourg Lafitte meets the Enterprise Green Communities Criteria, the only national standard for green affordable housing. "We worked closely with the Historic District Review Committee to ensure that the new buildings would nestle into the existing land-scape," says Robinson. UDA has heard through the grapevine that Faubourg Lafitte exceeds its residents' expectations. "We wanted to knit the fabric of the community back together and I think we achieved this goal," adds Connor. — $Nancy \ E. \ Berry$



Equestrian Lifestyle

A 19th-century barn is restored and reinvented as a primary residence.

Project: All Around Farm, Gwynedd Valley, PA

ARCHITECT: ARCHER & BUCHANAN ARCHITECTURE, LTD., WEST CHESTER, PA; RICHARD BUCHANAN, AIA, PARTNER

CONTRACTOR: E.C. TRETHEWEY BUILDING CONTRACTORS INC., DOWNINGTOWN, PA hile foxhunting with his local pack three years ago, Richard Buchanan, AIA, partner at West Chester, PA-based Archer & Buchanan Architecture, Ltd., was approached by prospective clients regarding a barn they wished to purchase. Built ca. 1870, the barn was once the carriage house of a large summer estate in Gwynedd Valley, PA. It was repurposed as a car storage facility during World War II and in 1957, Milton (Junie) Kulp, Jr. made the farm into the internationally known show stables, All Around Farm.

The clients invited Buchanan to visit All Around Farm to evaluate its condition and found that while the barn had been neglected for years, it was structurally sound and full of potential. "This project was a delightful and unusual opportunity for us because the existing structure was extraordinarily well made," says Buchanan. "All of the exterior walls are stone, the roof and floor structures are turn-of-the-century, heavy-timber construction with massive beams, enormous tie-rods and terrific hardware. As a result, there was very little need for us to impose new aesthetics. We simply restored and protected what existed and everything new is a response to what was already there."

The design approach was to maintain the architectural integrity of the historic structure while adapting the building as a primary residence for the clients and their horses. "The clients are very playful in their attitude about the whole horse aspect," says Buchanan. "Frankly, it's about the whimsical fantasy of a girl and her husband living with her horses and that's an important underlying theme. The project is obviously an extensive

West Chester, PA-based Archer & Buchanan Architecture adapted a 1870s-barn in Gwynedd Valley, PA, as a primary residence for the homeowners and their horses. All photos: Tom Crane Photography

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The stucco exterior was cleaned and repaired and is complemented with new jumbo taper-sawn cedar shingles and pointed cupola caps, the latter of which are common to racing stables.

reconstruction of a valuable property in an important location but at the end of the day, it's all about the homeowners enjoying their lives with their horses."

After cleaning and repairing the stucco exterior, existing asphalt shingles were replaced with new jumbo taper-sawn cedar shingles to highlight the gambrel and pitched roofs. The heavy wood cornices, trim and window surrounds were either repaired or replaced with profiles matching the originals. Damaged stucco on the east and west ends of the barn was substituted with painted cedar siding for a more balanced appearance; the windows on these walls were moved to improve the interior planning. "There were also marvelous cupolas on top of the barn but they had low caps," says Buchanan. "We introduced taller, pointed caps common to racing stables. It gave the building better symmetry and improved the weight of these elements in the overall composition."

The courtyard features a rill bordered with boxwood and is landscaped simply with cobblestone and pebbled gravel to accommodate horses moving through the area. It is flanked by the restored horse stable wings and leads to a central formal entry. This is a glass enclo-

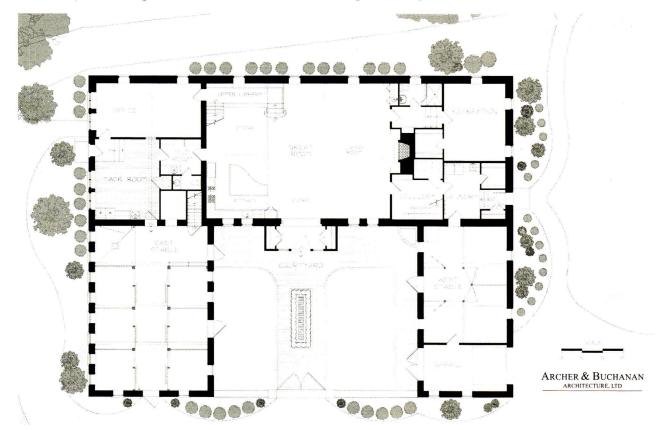
sure extended forward of the original carriage house doors, to create a foyer that provides a sense of compression before stepping into the large volume of the great room. "The main volume was originally the carriage room that had been cut up into a very poor stable," says Buchanan. "That big space now has an open kitchen, dining and seating areas. Despite a very high ceiling it was quite dark so we opened up one large segment for the main stair up and added a studio skylight to flood the space with daylight from above. Even though the interior

The 9,750-sq.ft. barn was converted into a three-bedroom house with a home office, mudroom, bathrooms, and a great room housing an open kitchen, dining and living areas, as well as a garage and two stable wings with wash stall and tack room. Floor plan: courtesy of Archer & Buchanan Architecture

has dark paint, woodwork and flooring, it's a very sunny space."

The focal point of the open kitchen is a large island with a curved antique chestnut top resembling a grand piano; it is juxtaposed with dark wood cabinets, marble counters and stainless-steel appliances. Adjacent to the kitchen, the dining area is opened to the skylight and is bounded by a raised podium and stairs leading to a library alcove and the second floor. The newel posts were fashioned out of salvaged iron stall posts.

In the living area at the other end of the room, the fireplace is placed within an alcove like a proscenium for a stage. "Given the size of the space, we had to think constantly about how to relate to a human scale for living in a room meant for an equestrian function," says Buchanan. "We set the fireplace on a raised hearth in a cased opening alcove that mirrors the cased opening of the main entry. Within that setting there's lighting, paneling and an antique mantel, which was found in the hayloft under piles of old hay. The mantle apparently came out of the original manor house and was stored in the barn. It was exciting to find because it gave us a scale and an artifact to work with in creating this focal point."







Above: The fireplace is set on a raised hearth in an alcove with cased openings matching the entry. The antique mantel was found in the hayloft during construction; it was once part of the original manor house.

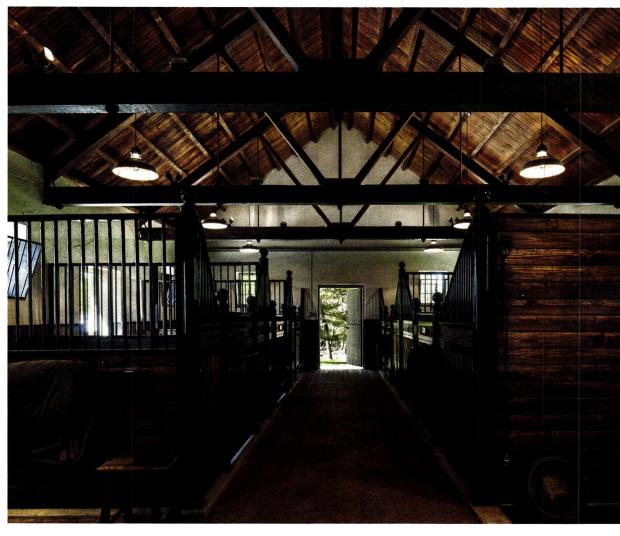
Left: Double-hung windows were installed in existing openings on the south façade.

The living spaces are unified with exposed ceiling beams, wood paneling that was CNC milled out of high-density fiberboard and a polished concrete floor with radiant heat, stained dark brown. Also on the first floor are an office, mudroom, tack room, a recreation room, powder room, laundry and scullery.

Upstairs, the master bedroom and bath occupy a large open loft space. A short hallway leads to the original steel stairs, two additional bedrooms and a bathroom. In contrast to the dark color palette of the great room, the second floor contains light-colored walls, casework and trim. White oak floors complement existing timber beams, which were kept dark to match those throughout the building.

"We began the design process by adding a concrete-block firewall separating hay storage from the residence, which satisfied building codes," says Buchanan. "From a practical design standpoint, we wanted to be very sure

Original herringbone brick floors in the stables were re-laid after utility installation and go well with new stall partitions containing early-20th-century details.





A segment of the ceiling was exposed to accommodate stairs and a studio skylight that floods the great room with daylight. Salvaged iron stall posts were repurposed as newel posts.

that the odors of the stables didn't make their way into the house. We positioned a mudroom off the kitchen that connects to the tack room, which is the cleanest and most civilized aspect of any barn. From there a vestibule leads to the stables. At no time is there an opened door for odors and flies to make their way into the house."

Key manufacturers and suppliers for the project included Exton, PA-based Lighting By Design; Pella, IA-based Pella Windows & Doors (windows and exterior doors); Quarryville, PA-based Saner Architectural Millwork (interior doors and millwork); King of Prussia, PA-based Ferguson Bath & Kitchen Gallery (plumbing); Mt. Laurel, NJ-based Harmonson Stairs; and King of Prussia, PA-based West End Hardware.

"The clients were aware of our work in both residential and equestrian properties and this, in many ways, is the perfect project because it's a combination of people, horses and an old setting," says Buchanan. "They did a great job in trusting the builder and architect to produce the best possible outcome and were rewarded for their trust. This was a really wonderful opportunity for us to explore and push the boundaries of what can be done." — *Annabel Hsin*



Traditional wood doors with frosted glass were installed on barn sliders to maximize circulation and complement the exposed heavy-timber ceiling beams in the master bath and closet.

Catching Up With Conservatories

You don't need a green thumb to appreciate today's garden rooms.

By Gordon Bock

Whether you call them orangeries, greenhouses or simply sun rooms, conservatories rank among the most innovative and adaptable building types ever created. From origins in growing desert plants in cold climes, to pioneering the 19th-century materials and technologies that led to many forms of modern architecture, from train depots to skyscrapers, conservatories have continually pushed the glass envelope – a growth that continues today.

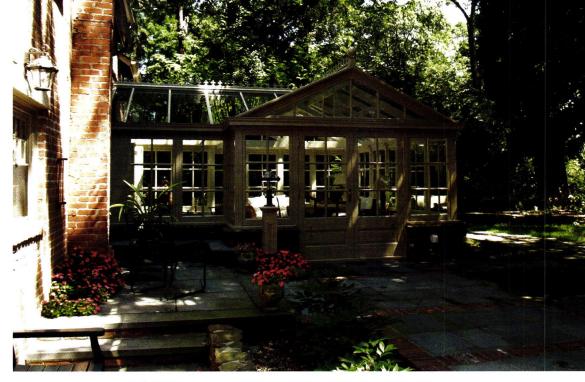
One driver behind the trend is that conservatories are not just for plants anymore. "The majority are used for living spaces," says Paul Avis of Hampton Conservatories in Huntington Station, NY, "and they can incorporate almost anything, from pianos to pools." Amy Magner of Oak Leaf Conservatories in Atlanta, GA, and York, England, agrees, and notes that uses vary widely with the client and homeowner. "We see a lot of conservatories chosen to expand a kitchen, as well as adjoin a living room or become a new family room," she says, adding that sometimes free-standing conservatories are commissioned as outdoor reading rooms or cabanas for pools.

Magner also notes that there is always the purpose that would never have occurred to her company. "We had a client who used one of his two conservatories as a turtle terrarium," she says.

Creative as this may seem, in reality Americans have only recently begun to think outside of the glass box. As Avis explains, "Conservatories have a long history in England, going back well before the cast-iron innovations of the Victorian era. In fact, prior to the recent recession, UK manufacturers reported producing around 200,000 conservatories a year." He adds that "The romance of conservatories is the association with Europe." What's more, when you step back and consider conservatories as assorted components that can be assembled in different ways, the applications quickly expand. For example, Jim Potrzeba of Glass House, LLC in Pomfret Center, CT, says that while his business is predominantly conservatories, "We also think of ourselves as multi-slope glass suppliers." Indeed, Glass House has made a specialty of skylights, lanterns and other glazed-roof structures that are, in effect, miniature or wall-less versions of conservatories. "It's our little niche," he says.

Not Your Grandma's Greenhouse

It goes without saying that conservatories are overwhelmingly glass, but beyond this, what makes them up – or more precisely, holds them up? After origins in wood and stone, cast iron



Above: Hampton Conservatories constructed this hardwood conservatory for a client in Huntington Bay, NY. Photo: Hampton Conservatories, LLC

Right: This uPVCclad conservatory from Hampton Conservatories is ideal for clients who list maintenance as a prime concern. Photo: Hampton Conservatories, LLC



This conservatory from Oak Leaf Conservatories features raised base panels and insulated columns with molded plinths and capitals. Photo: Oak Leaf Conservatories Ltd.

lifted the conservatory to new heights in the mid-19th century, and today's manufacturers still work in the modern equivalents of these materials. Potrzeba says his company concentrates on two types: timber frame and aluminum. "Our timber frames are typically mahogany but, if specified by the architect, we also do other species such as fir or one of the South American mahogany relatives." As ever, the choice of material depends upon the project. "Our timber frames allow for the tightest joints of the two systems, where that is a concern on a project; aluminum however, can be more cost-effective and may be the choice for meeting fire codes in places such as New York City." At Oak Leaf, which specializes in hardwood construction, Magner says, "Our main type of wood is a mahogany species, but we have built with other hardwoods.

"One material can't offer everything," observes Avis. Therefore his company works in a range of materials to be flexible for different projects. "Aluminum might be good for the crisp lines of a modern-style building," he says, "while timber, which allows us to produce almost any detail, can match, say, the deep moldings of a Georgian-style house." He adds that some clients like wood for its looks, while others concerned about maintenance will prefer metal or aluminum clad in uPVC. At Renaissance Conservatories in Leola, PA, Jason Sawyer says they too use multiple materials. "We build with a combination of premium hardwoods, structural steel, engineered lumber and the highest grade of insulated glass," he says, "and milling equipment allows us to create ornamental components for any new project, or duplicate moldings in a home over a century old."

Alan Stein at Tanglewood Conservatories in Denton, MD, takes an equally broad view. In his market, he says, "A certain portion is wood conservatories, a certain portion is aluminum and another is for steel." What, then, drives the choice of one material over another? Says Stein, "If you're going to paint the structure, then you want a material, such as wood, that takes paint well and maintains well." Stein says the use also comes into play. For example, he sees a lot of people adding conservatories to living rooms where they may want to match, say, the oak paneling in a living room to oak in the conservatory. "We just did a knotty pine conservatory for clients who had this wood elsewhere in the house."

Adaptable Expansions

Given that conservatories are among the earliest prefabricated structures with form-follows-function origins, one might assume that they only come in stock styles or kit packages, but nothing could be farther from reality. As Stein explains, "We're not about reproducing the past or just





Oak Leaf Conservatories custom built this conservatory with a lantern roof; it is handcrafted of mahogany using mortiseand-tenon joinery. Photo: Oak Leaf Conservatories Ltd.

putting out a product: we're about creating distinctly new designs according to the needs of each commission." Magner too says, "Everything we do is custom, every conservatory is unique." According to Avis, "We don't have modular systems; it's all custom-design that is consistent with the property." However, he says that in his market, that does not necessarily mean recasting building styles or features. "Our clients tend to want something different, something specific to the property, just as a glass building is itself something different."

Since a conservatory attached to a period house is, in effect, an addition, it raises the

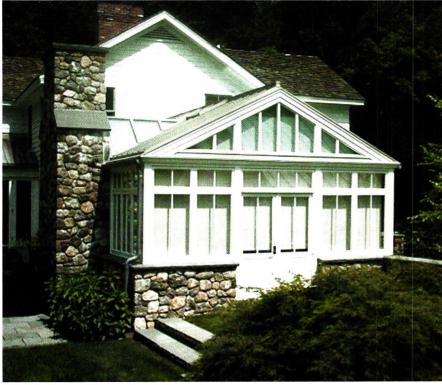
question of whether "something different" runs the risk of making a left turn with the existing architecture. As it turns out, such departures from tradition are, in fact, the tradition. As Stein explains, "Historically, a conservatory was often the folly — a fanciful, eye-catching structure — to a formal house." While some of the earliest conservatories in the pre-industrial era started with Classical designs, emulating the stylistic details of Georgian houses, as the Industrial Revolution took off, things changed. "Designers, such as Joseph Paxton of Crystal Palace fame, started to manipulate new, modern materials of cast iron and steel, and in doing so they created a new,

PRODUCT REPORT Conservatories

Right: This custombuild conservatory by Glass House allows the clients to enjoy their garden in any weather. Photo: Glass House, LLC

Far right: Glass House manufactured this gable conservatory for a residence in Katonah, NY. Photo: Glass House, LLC





distinctly different building type — a glass bubble if you will. This led conservatories to be architecturally different from the house — an aesthetic that went along with their relaxed nature. This is not merely a historical footnote but a practical guideline for conservatories today. "If you understand how conservatories were built and used in the past," says Stein, "it can open up ideas for a new project."

Indeed, all companies interviewed for this article report that the design process begins with a client or architect bringing them an idea, then collaborating with the manufacturer to come up with something that, ultimately, is unique. "In most cases, a client seeks us to take the project from start to finish," says Avis. "Where an architect

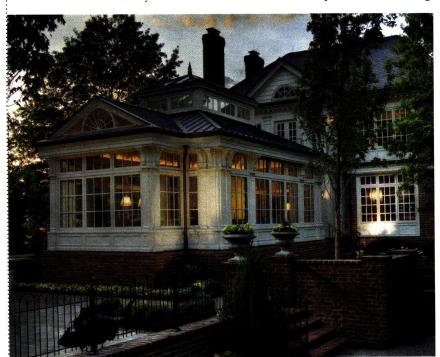
is involved, they may have a concept but rarely more — especially when architects already have so many other responsibilities." As Potrzeba puts it, "There is no typical project. Though we have some standard details, such as for lantern skylights with hipped ends, generally an architect has an idea and from there we work with him or her." Magner notes that what she sees from architects and designers varies widely, from highly detailed drawings to merely a conceptual sketch.

Like most companies, Oak Leaf will create shop drawings with particular attention to the connections to the house and sections through the building. If an architect wants to include, say, specific molded edges to coordinate with what's

in the house, Magner's company can incorporate them. Sawyer says, "Our designers sometimes use 3-D design software that allows the architect to plug our system into the new or existing conditions of the building."

Suppose a client shows up with an old photo and asks, "Can you make this?" In such cases Stein says, "You cannot literally lift from the past. Compared to today, the scale of conservatories is different, the materials are different, and construction methods are different." However, the process of adapting a period concept to contemporary needs is what excites Stein and his design staff and fuels their passion for the business.

Moreover, there is more to the design of a conservatory than the aesthetics. As Avis points out, "The biggest concern for many U.S. architects is heat build-up — a perception reinforced, rightly or wrongly, by how well conservatories from the 'early days' have stood up, and orientation can influence heat build-up and glare."



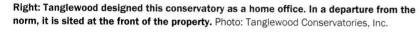
Above: Renaissance Conservatories designed this garden room to blend with a Colonial Williamsburg-inspired home.

Right: This Tudor-style home in Chappaqua, NY, is enhanced with an addition by Renaissance Conservatories.





Above: This sculptural poolside conservatory was designed by Tanglewood to complement surrounding fountains, statuary and urns. Photo: Tanglewood Conservatories, Inc.





He notes too that it's not just about mitigating negatives. "A glass building's heat gain can be an advantage in the winter snow when you can walk around in your shirtsleeves while the rest of the property is comparatively cold."

Another critical issue in planning for a conservatory is not the structure itself, but its mechanical systems and how they will interact with the design. "The nature of a conservatory is, of course, that it's more glass than wall," says Stein, "so there are no stud spaces, for example, to carry or conceal supply and return lines for heating or cooling — even lighting conduits." Stein says that planning for mechanical systems should be part and parcel

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of the conservatory design process from the very beginning — not an afterthought. For example, his company will "get involved at the conceptual stage of the conservatory" and then defer to specialists for the rest of the planning.

"The key to designing a conservatory is to treat it as a living structure," says Avis. "The different materials – glass, wood, metal and uPVC – all have different coefficients of expansion, so they all move at different rates." He says the paramount considerations in designing a conservatory are glass specification, ventilation, and shading and controlling heat gain, heat loss and glare. "You need to look at what side of the house the conservatory will be on, and whether there is shade – or water – nearby. You can't just rely on glass specifications to control the climate. It is a combination of glass specifications, heating, cooling, natural ventilation and shading that make for a comfortable environment."

On the Glass Cutting Edge

Glass, of course, is the essence of a conservatory, and here the almost monthly advances in products continue to change the conservatory paradigm. "It's a lot different than the early days when conservatories were simply places for plants," says Potrzeba, "Now a client can opt for glass with a rating of R5 to even R10; also there are systems to control the heat swings much better than in the past." He sees a future where conservatories will even chip in towards energy

costs. "There are already rumblings of photovoltaic systems for commercial greenhouses," he notes, "with electricity-producing cells on one face of the glass."

Says Sawyer, "Advancements in insulated glazing allow our company to build glass-roof conservatories with privacy glass that turns immediately opaque. It is an expensive option compared to standard shades, but an alternative for urban areas." He adds that his company has also worked with laminated glass to manufacture curved-glass domes, "but curved insulated glass can be very expensive." Avis too points out that with new glass types you have to balance what's possible with what's practical. "As with some innovations in 'green building,' there's just so much you can take on economically." He notes that since many conservatory projects are traditional in design, the non-traditional appearance of some high-tech glass products needs to be carefully considered as well.

Comfort is optional but impact-resistant glass is increasingly mandatory in weather-prone areas. "As we prepare for more storms like Hurricane Sandy," says Potrzeba, "we stay current with stormglass requirements." Further evidence, as if any is needed, that as time goes on there is ever more one can do with conservatories.

Gordon Bock is the co-author of The Vintage House (www.vintagehousebook.com) and lists his 2013 seminars, courses, and lectures at www.gordonbock.com.

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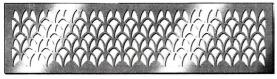
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Architectural Grille

800-387-6267; Fax: 718-832-1390 www.archgrille.com Brooklyn, NY 11215

Supplier of grilles: custom perforated & linear bar; aluminum, brass, bronze, stainless steel & steel; variety of finishes; stock sizes; water-jet & laser cutting.

Click on No. 2220



The Cathedral, which is 57 percent open, is one of many styles of perforated grilles manufactured by Architectural Grille.

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 barn was built using a kit from Country Carpenters.

Crown Point Cabinetry

Click on No. 477

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.



This kitchen features Shaker-style cabinetry handcrafted by Crown Point Cabinetry.



This metal and wood staircase was fabricated by Goddard Spiral Stairs.

Goddard Spiral Stairs

Click on No. 4780

800-536-4341; Fax: 785-689-4303
www.spiral-staircases.com
Logan, KS 67646
Custom fabricator of all types of spiral stairs:
steel, steel/wood or all-wood; custom railing & wood stair parts.



The model
G1426ABNH
from The
Reggio Register
Co. features
traditional
styling.

Unico System, Inc.

800-527-0896; Fax: 314-457-9000

www.unicosystem.com Saint Louis, MO 63111

Supplier of mini-duct system: small flexible hoses for retrofitting HVAC systems into old buildings.

Click on No. 1464



Unico's small-duct, high-velocity HVAC system takes up less than a quarter of the space of a traditional system, making it ideal for historic buildings.

Wooden Radiator Cabinet Co.

800-817-9110; No fax www.woodenradiatorcabinet.com Chicago, IL 60614

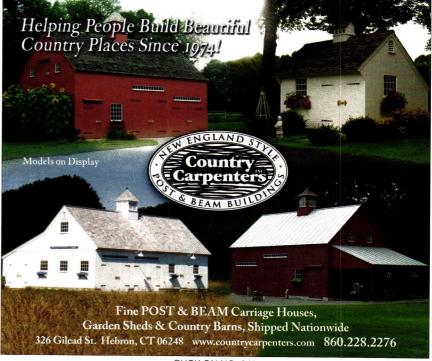
Manufacturer & distributor of wood radiator cabinets & baseboard covers: Prairie & Shaker styles; handcrafted



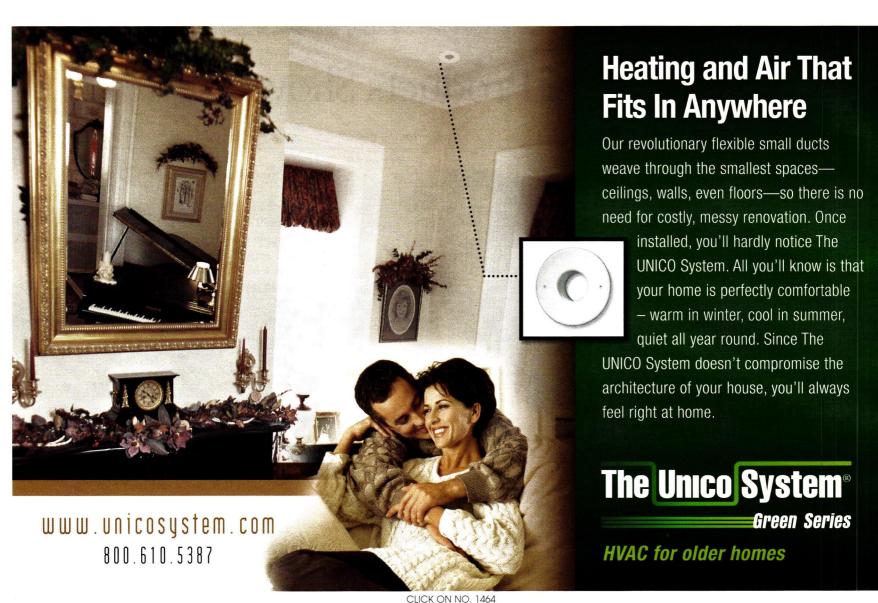
Wooden Radiator Cabinet Co. offers three styles and numerous finishes for their radiator covers to complement any style.

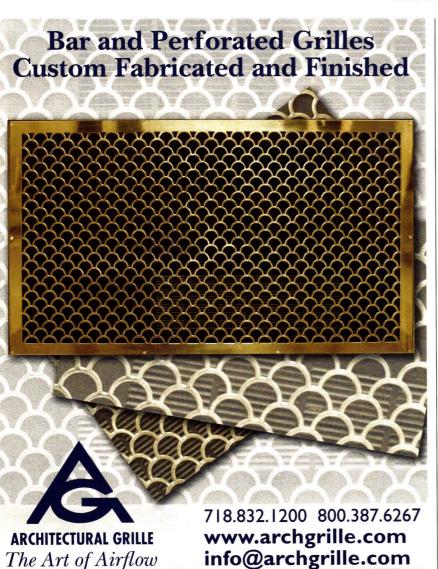
Reggio Register Co., Inc., The

800-880-3090;
Fax: 978-870-1030
www.reggioregister.com
Leominster, MA 01453
Manufacturer of decorative & functional
cast-iron, brass, aluminum, steel & wood
grilles: historic &
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for forced-air & highvelocity systems;
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Why would you select cabinetry from Crown Point?

Finst

Our finish process sets us apart. We carefully **hand wipe stains** which are then protected by an incredibly **durable** and equally **beautiful oven baked topcoat**. Looking for a painted finish? We offer **hand brushed** paints from **Farrow & Ball** and the **Old Fashioned Milk Paint Company**.

Quality

The finest quality cabinetry starts with the finest quality materials and workmanship. This is why Crown Point crafts 1" thick doors and drawer fronts, and hand fits each one into our 1" thick face frames. We employ precision milled joinery built around our all-wood box because we want it to last a lifetime. If that rings familiar, it's because our cabinet construction is reminiscent of a time when cabinetmakers were recognized as furniture makers.

Style

Crown Point Cabinetry has long been recognized for our attention to style. Starting with our finely crafted inset cabinetry, we create distinctive and well thought-out designs. There's Victorian, with wainscot posts, beaded frames and antique glass doors. Designing for a Bungalow? Tapered legs, Craftsman doors and quartersawn oak gives you an historically accurate Arts & Crafts style. Our patented Square Channel face frames, Cascade door and terraced islands create the perfect Prairie. If only a contemporary style will do, exotic Zebrawood and Bamboo in a flush full overlay construction give you the ultimate in Modern.

Custom Flexibility

Crown Point Cabinetry is a **true custom cabinetmaker**. Want a specific size, angle, shape, detail or configuration? **No problem**. This is what we do. Our mission is to build **custom cabinetry** that **fits like a glove**. Custom flexibility makes it happen.

Buy Direct

Crown Point Cabinetry is the only custom cabinetmaker that sells direct on a national and international scale. We have glowing referrals from Maine to Hawaii, from Minnesota to Bermuda. We design it with you, we build it for you and we deliver it directly to you.

Crown Point Cabinetry. Your personal custom cabinetmaker.

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Ann Wallace & Friends custom crafted, from left to right, the Corn Stencil Pillow, Mocha Aster Pillow and Allium Pillow, all of which measure 18x18in.

Ann Wallace & Friends

213-614-1757; Fax: 213-614-1758

www.annwallace.com

Los Angeles, CA 90079

Manufacturer of Arts & Crafts-style curtains & home textiles in natural fibers: plain or appliquéd designs on Irish linen or cotton; stock & custom; kits & yardage.

Authentic Designs

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

www.authenticdesians.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.

Click on No. 60



Josiah R. Coppersmythe's Arts and Crafts lighting collection is constructed of brass or copper and finished to client specifications.

Coppersmythe, Josiah R.

800-426-8249; Fax: 508-432-8587

www.jrcoppersmythe.com

Harwich, MA 02645

Manufacturer of handcrafted lighting: sconces, chandeliers & lanterns; Turn of the Century, Colonial & Arts & Crafts styles; custom.

Gaby's Shoppe

800-299-4229; Fax: 214-748-7701

www.gabys.com

Dallas, TX 75207

Manufacturer of hand-forged wrought-iron drapery hardware & accessories: custom rods, finials, brackets & holdbacks; European metalworking skills; handcrafted & hand finished.

Click on No. 2520

Subway Ceramics

888-387-3280; No fax

www.subwaytile.com

Verona, WI 53593

Supplier of historically authentic ceramic tile: field tile, moldings & trim pieces; mosaics; Victorian style.

ERITAGETILE

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Columns & Capitals

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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.

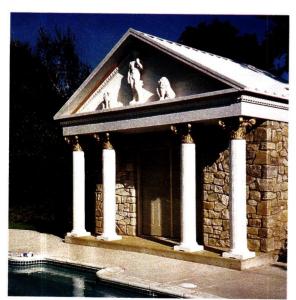


This wooden Corinthian capital was hand carved by the artisans at Agrell.

Architectural Accents

404-266-8700; Fax: 404-266-0074 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.



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

Architectural Products by Outwater, LLC

800-835-4400; Fax: 800-835-4403

www.outwater.com

Bogota, NJ 07603

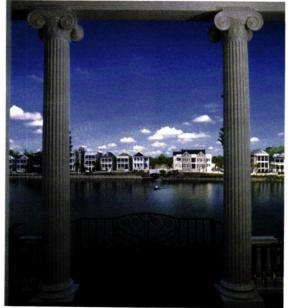
Manufacturer of 65,000+ decorative building products: architectural mouldings & millwork; columns; decorative wood carvings; lighting; wrought-iron components; ceiling tiles; hardware; fireplace surrounds; kitchen & bath accessories, furniture & cabinet components & more; free 1,000+ page catalog.

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.

Click on No. 1580 for PolyStone; 180 for wood



These columns and capitals were manufactured by Chadsworth Columns.

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 appliqués for woodwork/furniture; 900 sizes of column capitals, pilaster capitals, corbels & columns; 15 styles of traditional wood mantels; classically-inspired grilles; since 1883.

Felber Ornamental Plastering Corp.

800-392-6896; Fax: 610-275-6636

www.felber.net

Norristown, PA 19404

Supplier of historical ornamental castings: cornice moldings, columns, capitals, mantels, ceiling

medallions, domes, brackets, corbels, coffers & period ceilings; plaster, GRG & polymer-modified gypsum; design services.

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.

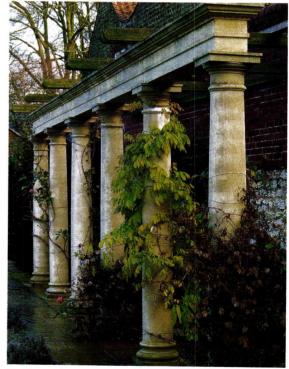
719-948-4554; Fax: 719-948-4285

www.haddonstone.com

Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: planters, fountains, sundials, statues, garden furniture, balustrades, gazebos, follies, columns, porticos, doors & window surrounds, cornices, molding, mantels & more; custom components.

Click on No. 4020



Haddonstone's Tuscan columns can be used to create a decorative pergola.

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



newel posts and balusters are available from MWT Custom Wood Working.

MWT Custom Wood Working, LLC

828-322-4061; Fax: 828-322-4364

www.mwtwoodturning.com

Hickory, NC 28603

Supplier of custom wood turnings: roped, twisted, fluted & spiral stairs & stair parts; balusters & columns; Classical styles; exterior & interior.

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.

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.



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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



Fifthroom.com 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, green-houses, sunrooms, pool enclosures, roof lanterns, specialty skylights & glass roof systems: mahogany or aluminum frame & copper; custom fabrication. Click on No. 1870



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

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: planters, fountains, sundials, statues, garden furniture,

balustrades, gazebos, follies, columns, porticos, doors & window surrounds, cornices, molding, mantels & more; custom components.

Click on No. 4020



Haddonstone's orangeries are ideal for traditional homes or commercial projects, whether freestanding or connected to an existing property.

Hartley Botanic Inc.

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

www.hartleybotanic.com

Woburn, MA 01801

Specialty manufacturer of custom greenhouses & other horticultural structures for residences & horticultural institutes; handmade in Greenfield, England for 75 years.

Click on No. 1643



The Victorian Lodge glasshouse is custom handmade by Hartley Botanic and features a central portico entrance.

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

Oak Leaf Conservatories, Ltd.

800-360-6283; 404-250-6283

www.oakleafconservatories.com

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



This conservatory by Oak Leaf features raised and fielded base panels and highly detailed columns.

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.

Click on No. 378



This conservatory from Renaissance Conservatories is topped with a traditionally-styled roof lantern.

Town & Country Conservatories

773-281-1212; Fax: 773-281-2234

www.townandcountryus.com

Chicago, IL 60613

Designer & builder of high-quality custom English conservatories, orangeries, garden houses, greenhouses, roof lanterns & swimming pool enclosures; in premium hardwood or extruded aluminum; extensive photo tour; design and planning guide. Click on No. 666



This hardwood poolhouse, designed and built by Town & Country Conservatories, features a gable and custom glazing pattern.

Walpole Outdoors

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

Manufacturer & designer of architectural landscape products: cellular PVC & cedar pergolas; railings, arbors, trellises, fencing, & garden décor; garden sheds, studios, stables & gazebos; outdoor furniture, planters, mailboxes, flagpoles, cupolas & lanterns.

Click on No. 280

Wiemann Metalcraft

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

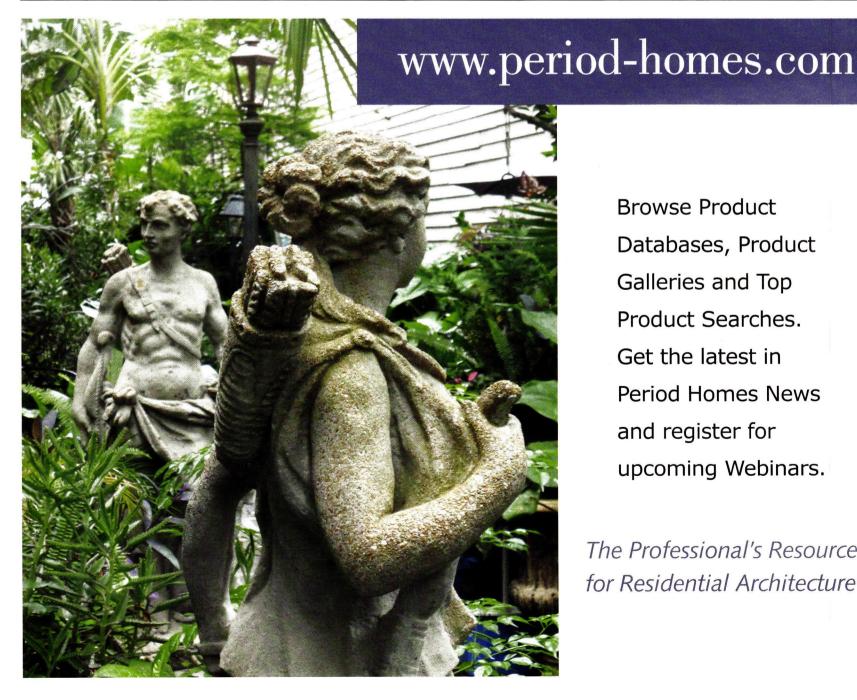
www.wmcraft.com Tulsa, OK 74107

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

Click on No. 1223



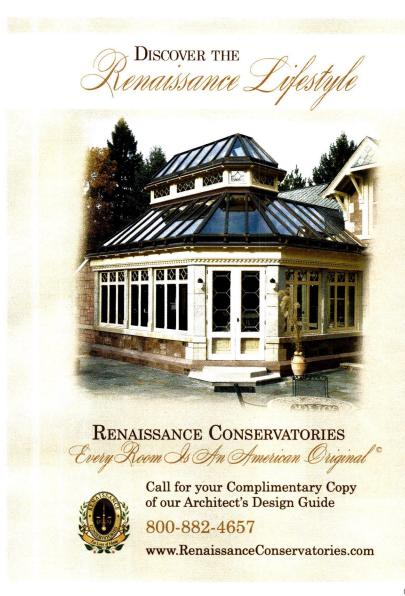
Wiemann Metalcraft fabricated this gazebo, fence and trellis in cast and wrought iron.

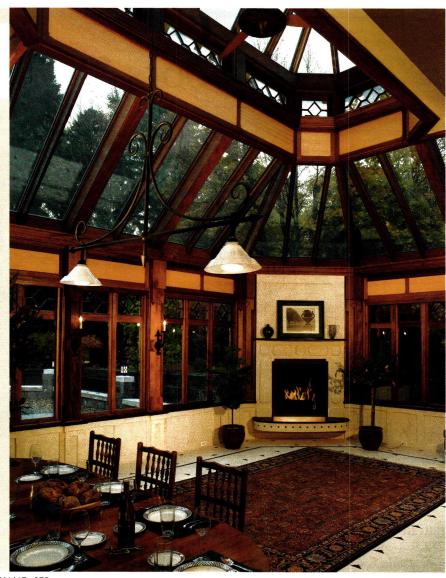


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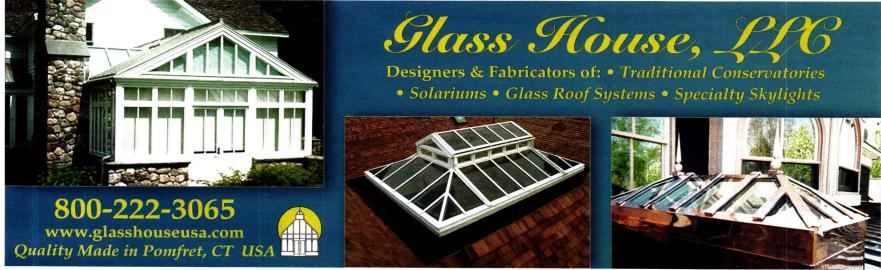
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Arch Angle Window & Door

330-723-2551; Fax: 330-722-4389

www.archangleohio.com

Medina, OH 44256

Custom fabricator of special shape aluminum storm doors, windows & screens: round top, arch top, Cathedral & Gothic designs; tempered & low-E glass.



Arch Angle provided the storm windows and doors for this building.

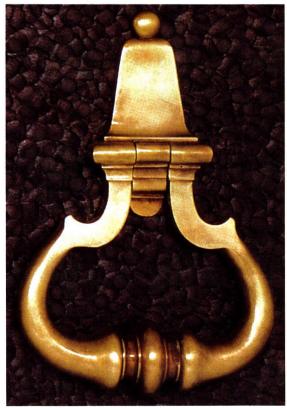
E.R. Butler & Co.

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; customplated & -patinated finishes; restoration work. Click on No. 2260



E.R. Butler offers Early American door hardware in a variety of finishes.



This ornamental door pull was fabricated by Fabbri Creations with a green patina that is guaranteed rust-proof.

Fabbri Creations

954-559-5165; Fax: 954-543-7363 www.fabbricreations.com

West Park, FL 33023

Manufacturer of custom & standard decorative hardware for doors & entryways, gates, garages: straps, hinges, pulls, handles; wine racks & cabinets.

Click on No. 1721

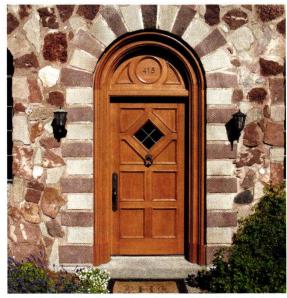
HeartWood Fine Windows & Doors

585-340-9085; Fax: 585-254-1760 www.heartwoodwindowsanddoors.com

Rochester, NY 14606

Manufacturer of period-accurate custom architectural wood windows & doors: made from Honduras mahogany & other species; traditional mortise-&-tenon construction; standard & decorative glazing; 66-year-old company.

Click on No. 1541



HeartWood Fine Windows & Doors fabricated this 2½-in. thick mortise-and-tenon solid-wood door out of sawn white oak to replicate the original door made 100 years ago.

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



This 11-ft. custom bronze door was manufactured by Historical Arts & Casting with a patina formulated to age gracefully in any climate.

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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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.



Kayne & Son fabricated this historically-styled hardware for a custom door.



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



Lowe Hardware's collection of door and cabinet knobs is comprised of both accurate reproductions and modern concepts that are available in standard and custom sizes with a variety of finishes.

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.

Click on No. 1611



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

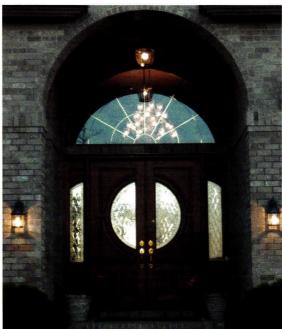
Parrett Windows & Doors

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 custom doors.

Phelps Co.

603-336-6213; Fax: 603-336-6085 www.phelpscompany.com

Hinsdale, NH 03451

Manufacturer & designer of traditional, hotforged 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

Wiemann Metalcraft

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

www.wmcraft.com

Tulsa, OK 74107

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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.

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Arch Angle Window & Door

330-723-2551; Fax: 330-722-4389 www.archangleohio.com Medina, OH 44256

Custom fabricator of special shape aluminum storm doors, windows & screens: round top, arch top, Cathedral & Gothic designs; tempered & low-E glass.



The casement window pushbar from Harwick allows the sash to operate without removing the interior screens.

Harwick Architectural Hardware Co.

631-345-3234: Fax: 631-924-2648 www.theharwick.com

Middle Island, NY 11953

Manufacturer of door & window hardware: sash pulleys, lifts, hangers, locks & chains; casement locks & push bars; hinges, cast pulleys & more; bronze, brass & stainless steel.

HeartWood Fine Windows & Doors

585-340-9085; Fax: 585-254-1760 www.heartwoodwindowsanddoors.com Rochester, NY 14606

Manufacturer of period-accurate custom architectural wood windows & doors: made from Honduras mahogany & other species; traditional mortise-&-tenon construction; standard & decorative glazing; 66-year-old company.

Click on No. 1541



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

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



Glass interior storm windows from Innerglass Window Systems solved the draft problems for these windows.

Innerglass Window Systems

800-743-6207; Fax: 860-651-4789

www.stormwindows.com

Simsbury, CT 06070

Manufacturer of custom glass interior storm windows for energy conservation & soundproofing: maintains the integrity of historic windows; conforms to opening; do-it-yourself installation. Click on No. 909

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



Custom hardware pieces are available from Lowe Hardware.

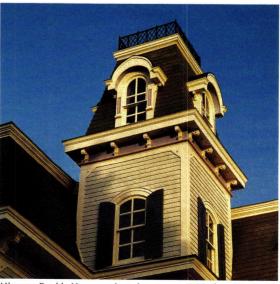
Marvin Windows and Doors

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. Click on No. 1611



Ultimate Double Hung wood windows are available from Marvin Windows and Doors.

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



Fixed windows with removable grilles are available from Parrett Windows & Doors with simulated divided lites (shown here) or true divided lites.



The model LK381 patented sash lock from Phelps Company is made from hot-forged solid brass, which is precision machined and hand polished.

Phelps Co.

603-336-6213; Fax: 603-336-6085

www.phelpscompany.com

Hinsdale, NH 03451
Manufacturer & designer of traditional, hot-

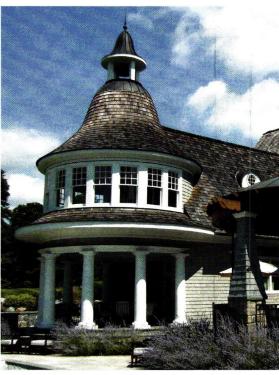
Manufacturer & designer of traditional, hotforged solid-brass window hardware: sash pulleys, weights, chains & cords, sash locks & lifts, casement stays & fasteners, storm/screen hangers, bronze screen wire & screen-door latch sets. Click on No. 6001

Wood Window Workshop

800-724-3081; Fax: 315-733-0933 www.woodwindowworkshop.com Utica, NY 13501

Manufacturer of custom wood windows & doors: any size, shape & species; traditional mortise-&-

tenon construction with true divided lites; historic reproduction of double-hung, casement, arched & bent units.



Wood Window Workshop manufactured these custom bent doublehung wood windows with true divided lites and radiused glass for a new home in Connecticut.

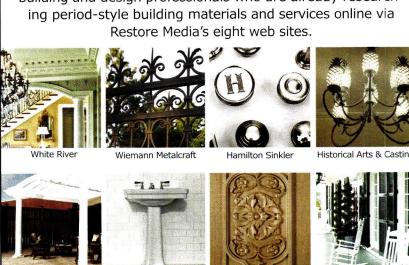
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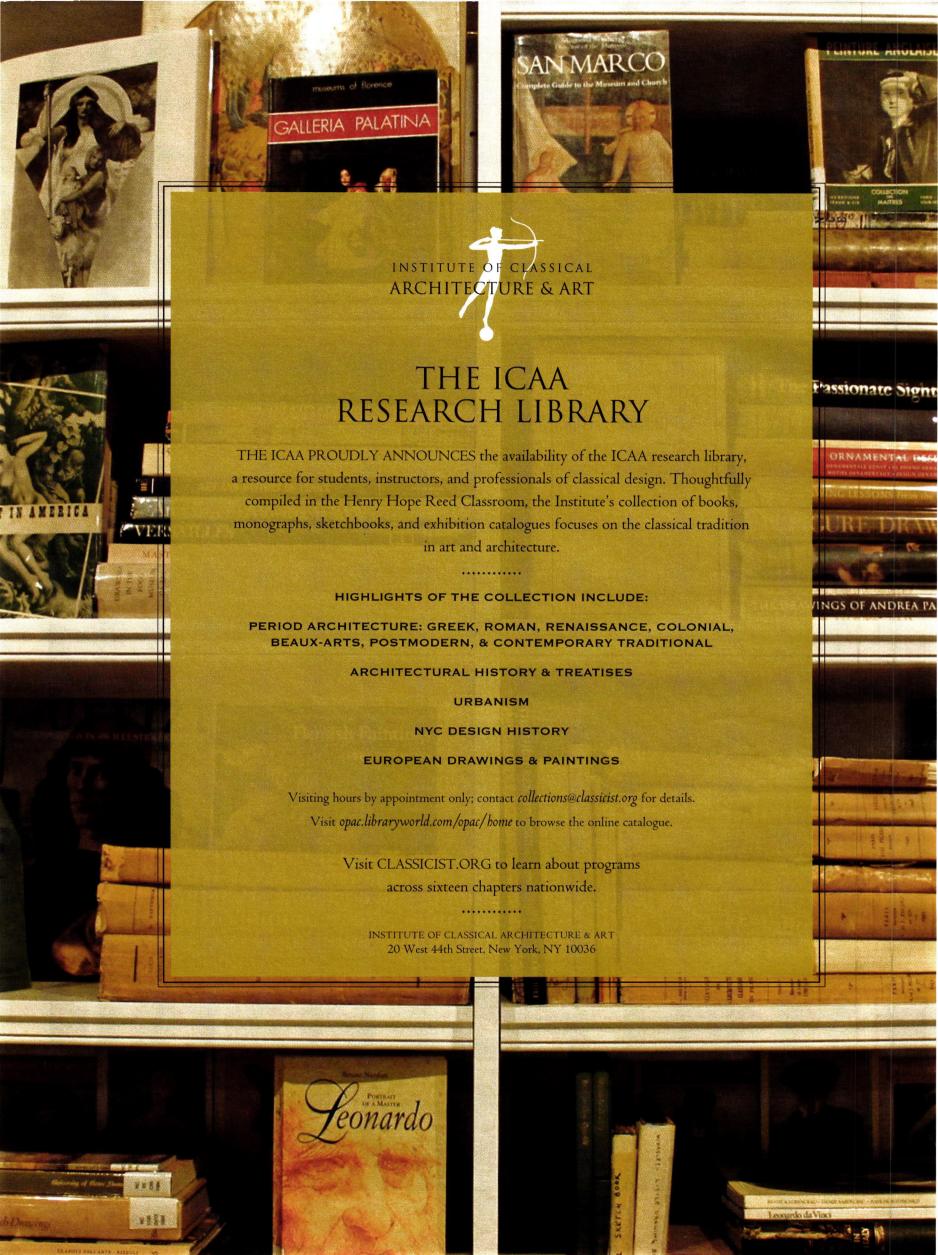
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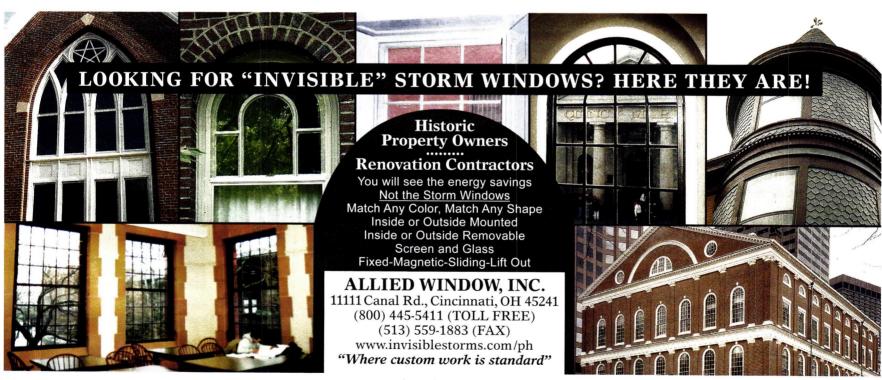
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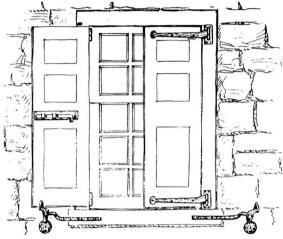
Shutters & Shutter Hardware

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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.



Ball & Ball manufactures 12- and 18-in.-long, hand-forged strap hinges with plate mounting for shutters.

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.

Click on No. 1580 for PolyStone; 180 for wood



Chadsworth now offers Atlantic Premium Shutters.

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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

European Hardware & Finishes/ Gerber Hinge Co.

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

Importer of decorative European period hardware: hinges, barrel hinges, casters, decorative nails, knobs/escutcheons, window & shutter hardware & more; brass, iron & bronze; custom finishes; Louis XV & XVI, Empire, Directoire & Art Deco.



This hand-forged-steel hinge and cast-aluminum classic "S" shutter stay are manufactured by European Hardware Co.

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.



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This Acme, Lull & Porter shutter hinge features John Wright Company's WeatherWrightTM 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.



The D1 shutter dog from Kayne & Son Custom Hardware is hand forged in steel and has a butterfly

backplate.

Rocky Mountain Hardware

888-788-2013; Fax: 208-788-2577 www.rockymountainhardware.com Hailey, ID 83333

Manufacturer of handcrafted solid-bronze architectural hardware: sinks; faucets, bath & kitchen accessories; 7 different finishes; traditional, contemporary & other styles.

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; authentic mounting hardware; interior louvers, Colonial panels & open frame; full painting services; shutters all made in the U.S.; family owned & operated; shipped nationwide since 1986.

Click on No. 5005



Shuttercraft's mortise-and-tenon shutters can be mounted on stone, as shown here, and are available with moveable and fixed louvers.



Timberlane handcrafted this traditional louvered shutter; it is adorned with a tilt-rod and period-accurate . hardware.

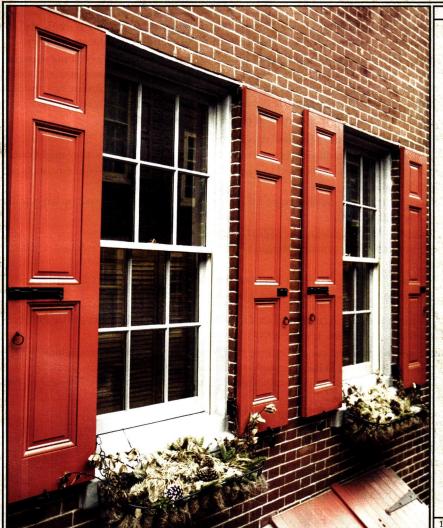
Timberlane, Inc.

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



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cedar. The mortise & tenon joinery. The copper capping to protect the joints from moisture. The knowledge their beauty will endure. And, that they are custom made to match the most exacting standards, and the most discriminating tastes.



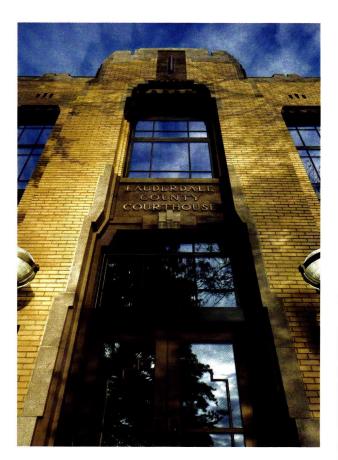
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What Will You Learn?

Course 1: Windows and Impact Zones: Using the Right Details to Mitigate Storm Damage On-demand version available, 90 minutes, 1.5 AIA HSW LUs

As severe weather increases across the U.S., developing and designing storm-resistant products for coastal impa zones, including windows, are becoming both regulatory and competitive necessities. Learn how to design window systems—major investments for any property owner—that can resist weather's damaging power in stormand hurricane-prone coastal areas.

Learning Objectives: After the session, participants will be able to do the following.

- Explain how windows have changed over the years in response to severe weather and how traditional approache and styles inform contemporary window design.
- Pinpoint how well-designed windows are able to mitigate damage from severe weather, including hurrican in coastal impact zones.
- Describe the limitations of window design in deflecting damage from severe storms in impact zones.
- Cite IZ3 and IZ4 codes, which detail ways to improve storm resistance in coastal areas.

Presenters: Gregory F. Shue, principal, Shue Design Associates, Sullivan's Island, S.C.

Brian Baggett, Southeast territory manager, Marvin Windows and Doors, Orlando, Fla.

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

Course 2: Windows of Opportunity: Using New Technologies in Large-Scale Projects

On-demand version available, 90 minutes, 1.5 AIA HSW LUs, 1.5 GBCI Continuing Education Hours

Over the last two decades, windows have evolved more quickly than perhaps any other building material, part in response to demands for greater energy efficiency. With an emphasis on large commercial and residential projects, learn how new technologies in the design and manufacture of windows—including new framing mat rials, coatings, and glazings—are aiding the upgrade of both historic buildings and new structures.

Learning Objectives: After the session, participants will be able to do the following.

- Describe new technologies that enhance windows' energy efficiency.
- Compare and contrast how new technologies will work in historic buildings and how they might not.
- Show how new window technologies can be used to help achieve specific goals and requirements for energy efficiency on large-scale projects.
- Take into account the opportunities and challenges for designers and builders presented by large-scale proje with many windows (more than 200).

Presenters: Andrew Zalewski, AIA, president, The MZO Group, Stoneham, Mass.

Art Reeves, commercial business development manager, Northeast territory, Marvin Windows and Doors,

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

Course 3: Credits Where Credits Are Due: Tax Credits for Historic Preservation Projects On-demand version available, 90 minutes, 1.5 AIA HSW LUs

For more than 30 years, generous federal tax credits have been the driving economic force behind the rehabili

tion of historic structures in the United States. Through case studies of successful projects, learn how to earn credits while navigating a sometimes exacting process. This is a must-attend event for architects, contractors, building owners, and developers.

Learning Objectives: After the sessions, participants will be able to do the following.

- Discuss in detail the federal tax credit program for the rehabilitation of historic buildings.
- Identify essential characteristics—both in design and construction—successful projects share.
- Apply the Secretary of the Interior's Standards for Rehabilitation to individual projects.
- Cite lessons from the tax credit-worthy projects presented during the Webinar.

Presenters: John Sandor, architectural historian, Technical Preservation Services, National Park Service, Washington, D.C.

Albert S. Rex, director, Northeast Office, MacRostie Historic Advisors, LLC, Boston

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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www.carriagedoor.com

West Sacramento, CA 95691

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

Fabbri Creations

954-559-5165; Fax: 954-543-7363 www.fabbricreations.com West Park, FL 33023

Manufacturer of custom & standard decorative hardware for doors & entryways, gates, garages: straps, hinges, pulls, handles; wine racks & cabinets.

Click on No. 1721

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.



This garage door hardware set was fabricated by Fabbri Creations.



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

Historic Doors

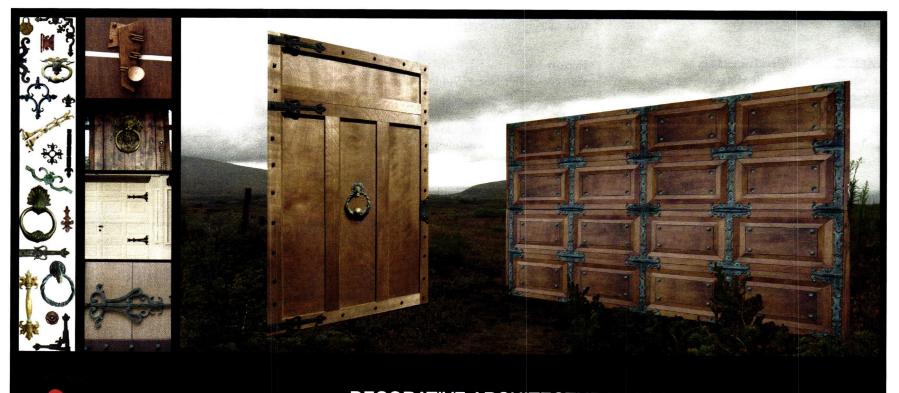
610-756-6187; Fax: 610-756-6171 www.historicdoors.com Kempton, PA 19529 Custom manufacturer of wood doors:

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

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.





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www.afcornice.com

Copiague, 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.



Architectural Fiberglass Corp. restored the historic cornice for this building in New York City.

AZEK Building Products Inc.

877-275-2935; Fax: 570-504-1215

www.azek.com

Scranton, PA 18504

Manufacturer of low-maintenance exterior building products: AZEK Trim, AZEK Mouldings, AZEK Deck, AZEK Rail, AZEK Porch & AZEK Pavers.



This Rumson, NJ, home features window trim, cornerboards and soffits from AZEK Building Products.

Bendix Architectural Products

973-473-4780; 973-473-4785

www.bendixarchitectural.com

Passaic, NJ 07005

Manufacturer & distributor of machine-carved decorative wood moldings & ornament & hand-carved elements: corbels, onlays, stair parts, legs & corner posts; doors & mantels; American maple, cherry & red oak, basswood & alder; custom carving upon request.

Fypon

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

www.fypon.com

Maumee, OH 43537

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



Fypon's exterior molded ornament is manufactured in high-density polymer & other polymers.

Haddonstone (USA), Ltd.

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www.haddonstone.com

Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: planters, fountains, sundials, statues, garden furniture, balustrades, gazebos, follies, columns, porticos, doors & window surrounds, cornices, molding, mantels & more; custom components.

Click on No. 4020

Windsor One

888-229-7900; Fax: 808-838-8704

www.windsorone.com

Cotati, CA 94931

Manufacturer of historically-inspired Moldings Collection: whole-room style concept in Greek Revival, Classical, Craftsman & Colonial Revival styles; engineered wood board siding, end & edge glued, finger jointed & double primed.



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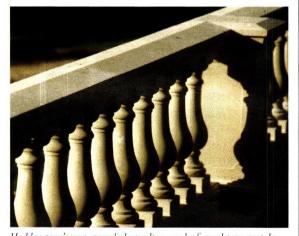
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www.haddonstone.com

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U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: planters, fountains, sundials, statues, garden furniture, balustrades, gazebos, follies, columns, porticos, doors & window surrounds, cornices, molding, mantels & more; custom components.

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

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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

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 & fireplace tools; gold-leaf & exotic finishes; design & installation service; historical restoration.



Manor Style's balustrade systems include balusters, rails, newels, newel caps and porch posts.

Manor Style, Inc.

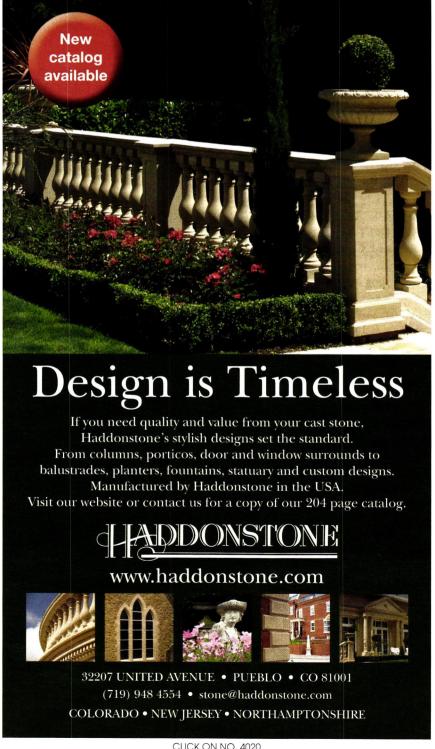
800-325-2188; Fax: 443-200-0010

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.





CLICK ON NO. 4020

Melton Classics, Inc.

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

www.meltonclassics.com Lawrenceville, GA 30042

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

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



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www.RexSellsDirect.com

Calendar of Events

TRADITIONAL BUILDING CONFERENCE PROGRAM, May 21-22, 2013. The second Traditional Building conference of 2013 will be held in Washington, DC. The two-day symposium will focus on windows and will feature Palladio Awards presentations, as well as the opportunity to earn up to 13 AIA Learning Units. For more information, call Carolyn Walsh, 781-779-1560 or Judy Hayward, 802-674-6752 or go to www. traditionalbuildingshow.com. For sponsorships, contact Peter Miller, pmiller@restoremedia.com.

CNU 21 CONFERENCE, May 29-June 1, 2013. The Congress for the New Urbanism will host its 21st annual conference in Salt Lake City, UT. Focusing on balancing the demands of physical, social, economic and environmental values with stewardship for land and people, the conference theme, "Living Community," will rediscover methods for growth that will enhance regions and communities, as well as enrich lives in a time of constricting economic and natural resources. For more information, visit www.cnu21.org.

ICAA'S GREAT HOUSES OF CONNECTICUT'S FAIRFIELD COUNTY TOUR, June 5-9, 2013. ICAA will lead a guided tour through Fairfield County's affluent towns, such as Greenwich, Darien and New Canaan, to visit Classical architecture, interiors, gardens and historical sites. For more information, visit www.classicist.org.

SGAA ANNUAL SUMMER CONFERENCE, June 10-12, 2013. This year's Stained Glass Association of America's summer conference will be held in Indianapolis, IN. The event theme will focus on, "The Art of Restoration," and will feature workshops on enamel, laminating and airbrush painting, as well as a tour of an art- and sheet-glass manufacturing facility and Riordan windows at St. Patrick's Catholic Church. For registration and conference updates, visit www.stainedglass.org/html/SGAAconference.htm.

DETAILS & JOINERY: A CRAFTSMAN'S TOUR OF THE GAMBLE HOUSE, June 15, 2013. Jim Ipekjian, a contemporary woodworker with 20 years of experience, will lead a guided tour of the Gamble House in Pasadena, CA. The tour will focus on the building techniques of the century-old property, which was designed by architects Charles and Henry Greene in the Arts and Crafts style and was built using 17 wood species. For more information and additional tour dates, visit www.gamblehouse.org.

AIA 2013 NATIONAL CONVENTION AND DESIGN EXPOSITION, June 20-22, 2013. The AIA 2013 National Convention & Design Exposition will be held at the Colorado Convention Center in Denver, CO. Featured workshops and symposia will focus on the conference theme, "Building Leaders." Participants will have a chance to earn Learning Units through education sessions and location tours. For more information, visit www.aia.org.

EUROPEAN STONE FESTIVAL, June 22-23, 2013. Stonemasons will gather at the Lincoln Cathedral in Lincoln, U.K., for carving, teaching and

learning; the theme for carvings is "Food and Farming." For more information, go to www.lincolncathedral.com/building/european-stone-festival.

AMERICAN BUILDING TECHNOLOGY, 1700-1950, July 16-17, 2013. This workshop will be held in Burlington, VT, in cooperation with Preservation Burlington. The instructor is Thomas Visser, UVM Historic Preservation Program. For more information, go to www.preservationworks.org/workshops.shtml.

WOOD WINDOW REPAIR METHODS, August 14-16, 2013. The Blow Me Down Farm in Cornish, NH, is the location of this workshop given in cooperation with the Saint-Gaudens National Historic Site. The instructor is Sally Fishburn, S.A. Fishburn, Inc. For more information, go to www.preservationworks.org/workshops.shtml.

TRADITIONAL BUILDING CONFERENCE PROGRAM, September 19-20, 2013. The third Traditional Building conference of 2013 will be held in Chicago, IL. The theme is Midwest Traditional Design and Restoration. For more information, call Carolyn Walsh, 781-779-1560 or Judy Hayward, 802-674-6752 or go to www.traditionalbuildingshow.com. For sponsorships, contact Peter Miller, pmiller@restoremedia.com.

DESIGNDC 2013, September 25-27, 2013. DesignDC 2013 will be held at the Walter E. Washington Convention Center in Washington, DC. Education sessions and seminars will focus on the theme, "Framing the Future," and will provide opportunities for participants to mingle with AIA members of the Washington, DC, Northern Virginia and Potomac Valley areas. For more information, visit www.aiadesigndc.net.

NATIONAL TRUST FOR HISTORIC PRESERVATION NATIONAL CONFERENCE, October 29 – November 2, 2013. The National Preservation Conference will take place in Indianapolis, IN. This year's theme, "Preservation at the Crossroads," will examine how the host city's landmarks and historic districts contribute to livability and economic redevelopment. For more information, go to www.preservationnation.org.

TRADITIONAL BUILDING CONFERENCE PROGRAM, November 6-7, 2013. The fourth and last Traditional Building conference of 2013 will be held in Los Angeles, CA. The theme is Western Traditional Design and Restoration. For more information, call Carolyn Walsh, 781-779-1560 or Judy Hayward, 802-674-6752 or go to www.traditional-buildingshow.com. For sponsorships, contact Peter Miller, pmiller@restoremedia.com.

ASLA ANNUAL MEETING & EXPO, November 15-18, 2013. The American Society of Landscape Architects will hold its annual meeting and expo at the Boston Convention & Exhibition Center in Boston, MA. The event includes education sessions, field sessions, tours, workshops and the opportunity to earn up to 21 professional development hours. For more information, visit www.asla.org.

Porches, Decks & Porch Parts

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Bear Creek Lumber supplies decking in Douglas fir, western red cedar and Alaskan yellow cedar.

Bear Creek Lumber

800-597-7191: Fax: 509-997-2040 www.bearcreeklumber.com Winthrop, WA 98862 Supplier of wood flooring, paneling, roofing, fencing, new & recycled timbers & decking: hand-split, machine-cut & fancy-cut butt fire- & rot-retardant-treated shakes & shingles; quartersawn clapboard & siding; post & beam.

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. Click on No. 1580 for PolyStone; 180 for wood

porch flooring: combines the traditional look of

CorrectPorch

877-332-5877; No fax www.correctporch.com Biddeford, ME 04005 Manufacturer of tongue-&-groove composite wood with the durability & low maintenance of composite material.



CorrectPorch tongue-and-groove composite porch flooring is designed to create the appearance of real wood.

Foster Wood Products

800-682-9418: Fax: 706-846-3487 www.fosterwood.com Shiloh, GA 31826 Supplier of specialty wood products: reclaimed heart pine & hardwood flooring & paneling; longleaf & new heart pine; old-growth white pine; treated porch flooring; hand-hewn & hard-to-find beams.



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Benches & Garden Furniture

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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.

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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: planters, fountains, sundials, statues, garden furniture, balustrades, gazebos, follies, columns, porticos, doors & window surrounds, cornices, molding, mantels & more; custom components.

Click on No. 4020



This elegant cast-stone bench from Haddonstone incorporates a panelled back, scrolled arm rests, chimera supports and an egg-and-dart seat top.

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.historical arts.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

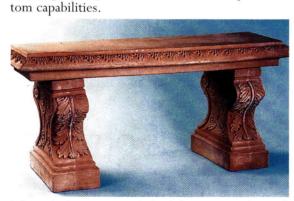
No 9 Studio UK

011-44-1769-540-471; Fax: 011-44-1769-540-864 www.no9uk.com

Chittlehamholt, Devon, UK EX37 9HF Manufacturer of terra-cotta architectural elements: chimney pots, Dragon Ridge tile, murals, planters, garden furniture, fountains, sculpture & architectural & monumental ceramics; special brick; finials.

Seibert & Rice, Inc.

973-467-8266; Fax: 973-379-2536 www.seibert-rice.com Short Hills, NJ 07078 Importer of terra-cotta benches, planters, urns & ornament: handmade in Impruneta, Italy; fine detailing, frost-proof, extensive inventory & cus-



Seibert & Rice's terra-cotta garden bench features an acanthus motif and foliate details.

Tuscan Imports, Inc.

843-667-9101; Fax: 803-753-9922

www.tuscanimports.com

Florence, SC 29505

Importer of handcrafted terra-cotta elements: planters, urns, fountains, benches & statuary from Impruneta & Sienna; distributors of hand-painted volcanic-rock tables.



Tuscan Imports offers the Vicenza stone Panca bench.

Walpole Outdoors

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

Manufacturer & designer of architectural landscape products: cellular PVC & cedar pergolas; railings, arbors, trellises, fencing, & garden décor; garden sheds, studios, stables & gazebos; 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.

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RESIDENTIAL (NEW CONSTRUCTION) UNDER 5,000 SF

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THIS CATEGORY IS INTENDED FOR INDIVIDUALS AND COMPANIES THAT WORK IN THE ALLIED ARTS (I.E. IRON WORK, WOODWORK, PLASTER, MASONRY, SCULPTOR, DECORATIVE PAINTING, ETC.)

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Fences & Gates

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Compass Ironworks

717-442-4544; Fax: 717-442-1948 www.ironworkclassics.com

Gap, PA 17527

Fabricator of wrought-iron metalwork: gates, fences, railings & decor; historical styles; recycled content.

Click on No. 1719



This traditionally-styled monumental wrought-iron gate was designed and fabricated by Compass Ironworks.

Custom Ornamental Iron Works

602-275-2551; Fax: 602-275-2553 www.customironworks.com

Phoenix, AZ 85034

Manufacturer & supplier of wrought-iron, ornamental iron, cast-iron & aluminum stair & gate parts & accessories: posts, balusters, brackets, caps & more; all items in stock; in-house production.

Click on No. 1717

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 solid mahogany automated gate was designed and manufactured by Design Associates.

Fabbri Creations

954-559-5165; Fax: 954-543-7363 www.fabbricreations.com West Park, FL 33023

Manufacturer of custom & standard decorative hardware for doors & entryways, gates, garages: straps, hinges, pulls, handles; wine racks & cabinets.

Click on No. 1721

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



This formal garden gate from Fine Architectural Metalsmiths features strap-hinge-styled horizontals and a play of grasses along the bottom.

Flaherty Iron Works Inc.

703-971-7653; Fax: 703-971-8040

www.flahertyironworks.com

Alexandria, VA 22310

Fabricator of hand-forged railings, gates & other ornamental metalwork: wrought iron & steel; restoration work.

Click on No. 1241

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 manufactured this 15-ft.-tall custom gate.

Kayne & Son Custom Hardware

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

www.custom forged hardware.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.

Lodi Welding

908-852-8367; No fax www.lodiwelding.com Hackettstown, NJ 07840

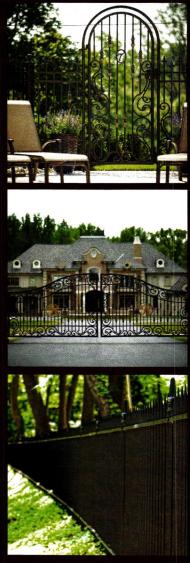
Custom manufacturer & restorer of wroughtiron metalwork: railings, gates, spiral staircases, furniture, sculpture, fences, artwork & more; since 1964.



Lodi Welding fabricated these ornate 36- x13-ft. estate gates from architectural-grade aluminum.







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This entry gate was manufactured by Walpole Outdoors.

Walpole Outdoors

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

Manufacturer & designer of architectural landscape products: cellular PVC & cedar pergolas; railings, arbors, trellises, fencing, & garden décor; garden sheds, studios, stables & gazebos; 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

Click on No. 1223

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.

This custom fence was designed and fabricated by Wiemann Metalcraft

This custom fence was designed and fabricated by Wiemann Metalcraft using solid-bar steel; to ensure longevity, it was galvanized before urethane coating was applied.

FLAHERTY IRON WORKS of Alexandria, VA 5416 Vine St., Alexandria, VA 22310 (703) 971-7653 • Fax (703) 971-8040 or email us at fxiron@aol.com Family owned and operated since 1960. Specializing in custom bot band forged metalwork. 2013 Top Job Award for Exterior Hand-forged Railings from NOMMA www.flahertyironworks.com

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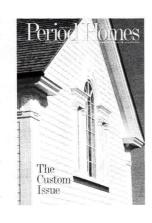
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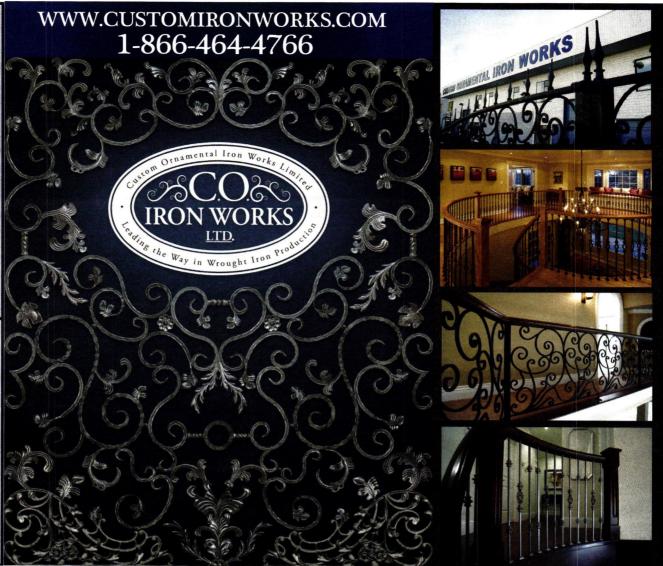
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Authentic Provence, Inc.

& zinc planters & more; pavilions.

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

Haddonstone has a collection of Classical busts for use as garden sculpture.

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: planters,

fountains, sundials, statues, garden furniture, balustrades, gazebos, follies, columns, porticos, doors & window surrounds, cornices, molding, mantels & more; custom components.

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This tiered fountain was sculpted in Vicenza Stone by the artisans at Rossato Giovanni.

Rossato Giovanni, srl/Vicenza Stone Sculpture

39-0444-9284-99; Fax: 39-0444-9287-11

www.vicenzastone.com

36100 Vicenza, Italy, IT MVI 002134

Supplier of Vicenza-stone hand carvings: statues, fireplaces, consoles, columns, benches, balls, pineapples, balustrades, fountains, gazebos, pergolas, planters, urns, vases, standard & custom sculpture & more.

Walpole Outdoors

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

Manufacturer & designer of architectural landscape products: cellular PVC & cedar pergolas; railings, arbors, trellises, fencing, & garden décor; garden sheds, studios, stables & gazebos; outdoor furniture, planters, mailboxes, flagpoles, cupolas & lanterns.

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Wiemann Metalcraft

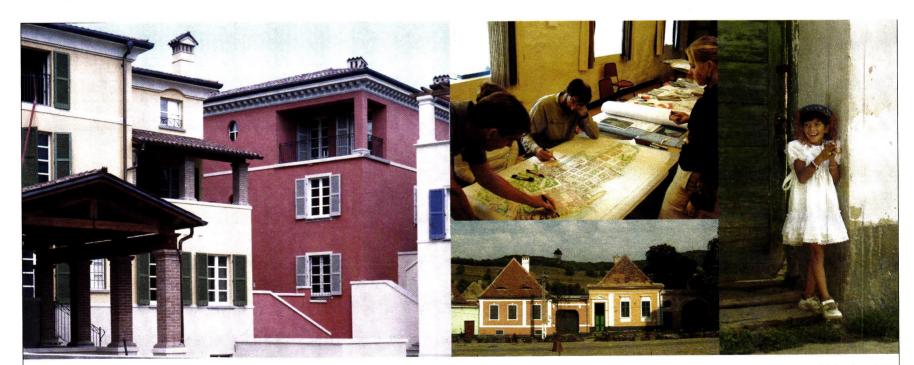
918-592-1700; Fax: 918-592-2385

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- & wroughtmetal alloys, finishes & architectural styles; since 1940.

Click on No. 1223





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

www.intbau.org

Planters & Urns

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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, adoquin, travertine, marble & sandstone quarried in Europe & Mexico: fireplaces, fountains, columns, balustrades, gazebos, cornices, flooring, planters & sculpture.



This urn is one of the many styles available from Cantera Especial.

Custom Home Accessories, Inc.

800-265-0041; Fax: 916-635-0228 www.mailboxes.info

Rancho Cordova, CA 95742

Manufacturer & distributor of decorative mailboxes & classic architectural accents: lampposts & standards, address plaques, signage, weathervanes & cupolas; cast aluminum, brass & copper; Victorian & other styles.

Click on No. 527



The Roman Urn planters from Custm Home Accessories are made of ground stone mixed with light-weight resin/fiber glass; they are available in several colors.

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.

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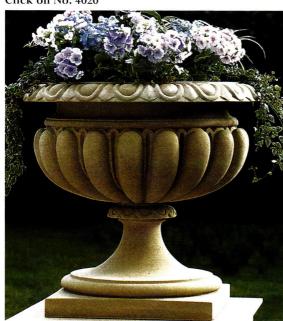
Haddonstone (USA), Ltd.

719-948-4554; Fax: 719-948-4285 www.haddonstone.com

Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: planters, fountains, sundials, statues, garden furniture, balustrades, gazebos, follies, columns, porticos, doors & window surrounds, cornices, molding, mantels & more; custom components.

Click on No. 4020



The cast-stone Waterloo urn is one of the many planters available from 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.

Click on No. 1210



This urn is one of many made by Historical Arts & Casting.

Walpole Outdoors

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

Manufacturer & designer of architectural landscape products: cellular PVC & cedar pergolas; railings, arbors, trellises, fencing, & garden décor; garden sheds, studios, stables & gazebos; outdoor furniture, planters, mailboxes, flagpoles, cupolas & lanterns.

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Fountains & Water Features

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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.

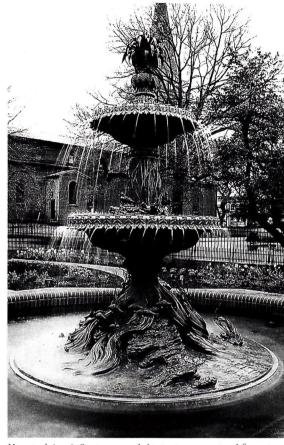
719-948-4554; Fax: 719-948-4285 www.haddonstone.com Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: planters, fountains, sundials, statues, garden furniture, balustrades, gazebos, follies, columns, porticos, doors & window surrounds, cornices, molding, mantels & more; custom components.

Click on No. 4020



Haddonstone's self-circulating Bayeux fountain can be used to create a focal point; it is ideal for smaller spaces where a pool surround is not possible.



Historical Arts & Casting created this intricate two-tiered fountain with a fish motif on the base and birds on the first tier.

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

Hunt Studios

415-401-7745; Fax: 415-373-4498 www.huntstonecarving.com San Francisco, CA 94124

Full-service sculptural studio: figurative, ornamental & decorative carving & sculpture; restoration & conservation; ecclesiastical & monumental projects; custom maquette creation; public art commissions.



This bronze spout with a leaf motif is the work of Hunt Studios.

New England Garden Ornaments

978-579-9500; Fax: 978-579-8900 www.negardenornaments.com

Sudbury, MA 01776

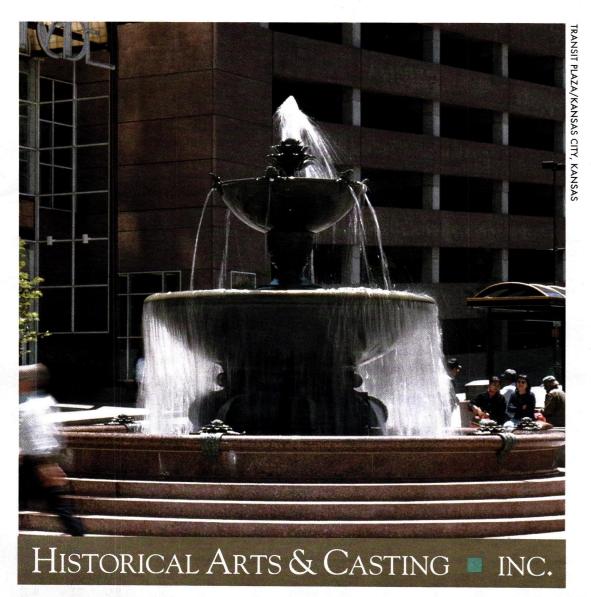
Importer of cast architectural ornament from 3 English companies: Chilstone, Haddonstone & Yorkstone; pavers, planters, urns, quoins, columns, pilasters, pier caps, copings, fountains, porticos, temples, pavilions & cornices.



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www.TradWebDirectory.com



Dedicated to the quality design, manufacture and installation of architectural cast metal ornament. Our craftsmen specialize in the restoration and replication of traditional details in bronze aluminum and iron alloy. For more information call (801) 280-2400.

1(800)225-1414



www.historicalarts.com

Landscape & Garden Specialties

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.

Belden Brick Co., The

330-456-0031; 330-456-2694 www.beldenbrick.com Canton, OH 44702

Manufacturer of brick: variety of colors, textures, sizes; stock & custom shapes; color matching; jack arches, water tables, bullnoses, coping caps, pavers, face brick, brick sculpture & more.

Click on No. 1500

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.

Click on No. 1580 for PolyStone; 180 for wood



This pergola from Chadsworth was fabricated from cellular-PVC beams and rafters and PolyStone support columns.

Custom Home Accessories, Inc.

800-265-0041; Fax: 916-635-0228 www.mailboxes.info

Rancho Cordova, CA 95742

Manufacturer & distributor of decorative mailboxes & classic architectural accents: lampposts & standards, address plaques, signage, weathervanes & cupolas; cast aluminum, brass & copper; Victorian & other styles.

Click on No. 527



This cast-aluminum mailbox was manufactured by Custom Home Accessories

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 12x20-ft. two-beam cedar pergola from Fifthroom creates a pleasant outdoor retreat.

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



This site-specific armillary with a twig motif and unusual raised numerals was designed and fabricated by Fine Architectural Metalsmiths in silicon bronze on a sculpted concrete tree base.

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; handmolded & face brick; nationwide shipping.

Click on No. 191

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: planters, fountains, sundials, statues, garden furniture, balustrades, gazebos, follies, columns, porticos, doors & window surrounds, cornices, molding, mantels & more; custom components.

Click on No. 4020

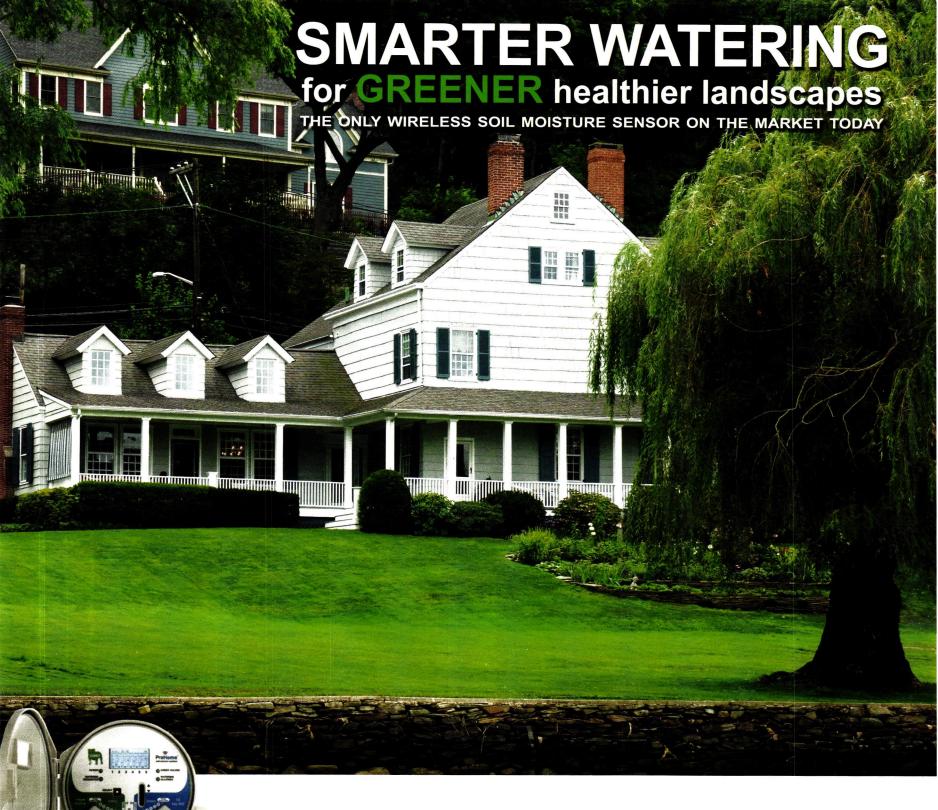


Haddonstone's balustraded temple is one of many follies available from the company.



Visit this micro site containing in-depth information products and materials. building on traditional

CLICK ON NO. 527



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Visit UgMO.com for an UgMO installer nearest you, or call 1-877-500-UgMO

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

Monarch Stone International

949-498-0971; Fax: 949-498-0941 www.historiceuropeancobblestone.com San Clemente, CA 92673

Supplier of Historic European Cobblestone: genuine antique, reclaimed cobblestone; 100- to 400-year-old granite & sandstone cobbles & curbing; large selection of sizes; nationwide shipping. Click on No. 1698



Antique salvaged Sidewalk Cobble from Monarch Stone was used for this driveway and motor court in California's Napa Valley.

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.

Click on No. 1704

Walpole Outdoors

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

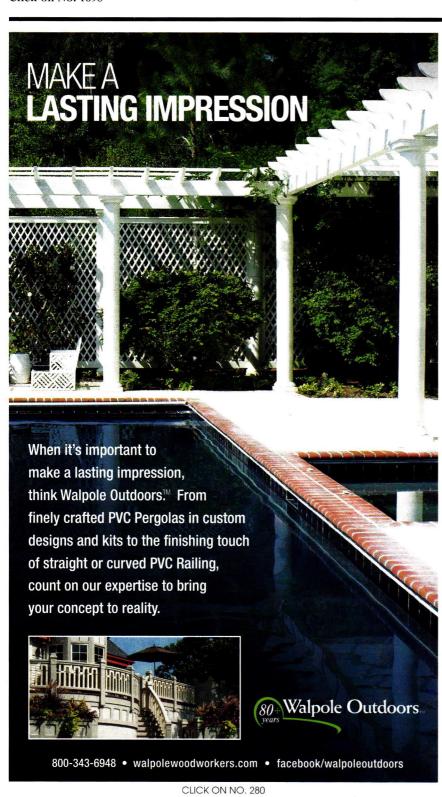
Manufacturer & designer of architectural landscape products: cellular PVC & cedar pergolas; railings, arbors, trellises, fencing, & garden décor; garden sheds, studios, stables & gazebos; outdoor furniture, planters, mailboxes, flagpoles, cupolas & lanterns.

Click on No. 280

Fifthroom.com

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Ramadas







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.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



This wrought-iron trellis features matching wrought-iron flower boxes with repousse-style copper liners; it was designed and fabricated by Wiemann Metalcraft.

Exterior Lighting

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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.

Click on No. 60



Bevolo Gas & Electric Lights

www bevolo com

New Orleans, LA 70130

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

Fabricator of hand-riveted, antique-copper pro-

pane, electric & natural-gas fixtures: Colonial,

This copper lantern was manufactured by Authentic Designs.

Victorian, Turn of the Century & Mediterranean styles; restoration.

Click on No. 166



House gas light, in copper and brass.

Bevolo manufactures traditional lighting, such as this Napoleon & standards, address plaques, signage, weathervanes & cupolas; cast aluminum, brass & copper; Victorian & other styles. Click on No. 527

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.

Click on No. 809



Deep Landing Workshop handcrafted this wallmounted electric lantern with 4

Crenshaw Lighting

540-745-3900; Fax: 540-745-3911 www.crenshawlighting.com Floyd, VA 24091 Manufacturer of custom lighting fixtures in all styles: design services; historic restoration & reproduction; on-site services. Click on No. 1128

Custom Home Accessories, Inc.

800-265-0041; Fax: 916-635-0228 www.mailboxes.info Rancho Cordova, CA 95742 Manufacturer & distributor of decorative mailboxes & classic architectural accents: lampposts

VERMONT AUTHENTIC DESIGNS West Rupert, Vermont 05776 800 844-9416 www.AuthenticDesigns.com





CLICK ON NO. 1128

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.



This longterne triangular wall-mount lantern from The Federalist is made of heavy-gauge copper and features gold striped posts.

Fine Architectural Metalsmiths

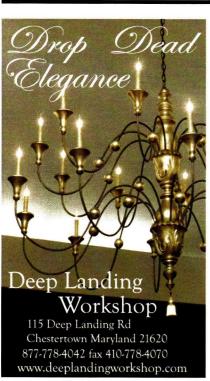
845-651-7550; Fax: 845-651-7857

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



CLICK ON NO 800



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

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 these wall-mounted lighting fixtures.

Lanternland

www.traditionalproductgalleries.com

855-454-5200; No fax www.lanternland.com

Mesa, AZ 85210

Manufacturer of standard and custom lanterns & sconces: interior & exterior; handcrafted; since 1979.

St. Louis Antique Lighting Co.

314-863-1414; Fax: 314-863-6702

www.slalco.com

Saint Louis, MO 63130

Manufacturer & supplier of architectural lighting: all styles; historical reproductions & custom lighting; restoration services; residential, commercial & ecclesiastical projects.



St. Louis Antique Lighting manufactures interior and exterior lighting in many styles.

Walpole Outdoors

508-668-2800; Fax: 508-668-7301 www.walpolewoodworkers.com

Walpole, MA 02081

Manufacturer & designer of architectural landscape products: cellular PVC & cedar pergolas; railings, arbors, trellises, fencing, & garden décor; garden sheds, studios, stables & gazebos; 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



Wiemann Metalcraft custom manufactured this lantern in bronze.

Gas Lighting

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Bevolo Gas & Electric Lights

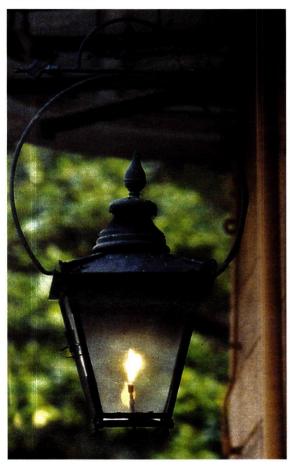
504-522-9485; Fax: 504-522-5563

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.

Click on No. 166



This gas-burning, hand-riveted lighting fixture was produced by Bevolo Gas & Electric Lights.

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.

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 cast-metal gasburning 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

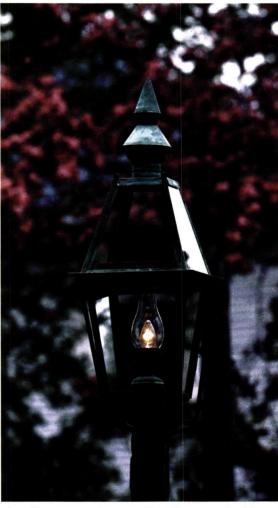


Lantern Masters designs and manufactures electric and gas lighting for residential and commercial applications.

Period Lighting Fixtures, Inc.

800-828-6990; Fax: 413-664-0312 www.periodlighting.com Clarksburg, MA 01247

Manufacturer & custom fabricator of handmade 18th- & early-19th-century lighting fixtures: original designs from museums such as Historic Deerfield, Old Sturbridge Village & Colonial Williamsburg.



The Ashley House post lantern, model L378, was reproduced by Period Lighting Fixtures, a firm that specializes in 1620-1850 electric and gas lighting.

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

Roofing & Roof Specialties

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.

Custom Home Accessories, Inc.

800-265-0041; Fax: 916-635-0228 www.mailboxes.info Rancho Cordova, CA 95742

Manufacturer & distributor of decorative mailboxes & classic architectural accents: lampposts & standards, address plaques, signage, weathervanes & cupolas; cast aluminum, brass & copper; Victorian & other styles.

Click on No. 527



Custom Home Accessories offers cupolas in a variety of designs and styles with copper roofs, windows or louvers and shiplap or smooth bases in white pine or vinyl.

EJMcopper Inc.

407-447-0074; Fax: 407-447-0075

www.ejmcopper.com Orlando, FL 32804

Manufacturer of custom architectural copper products: chimney caps, range hoods, cupolas, finials, spires, dormer vents, leader heads, louvers, weathervanes, mailboxes, gutters & more; online catalog.



EJMcopper restored these historic copper cupolas



GAF supplies a variety of thick-profile shingles designed to look like slate.

GAF

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

www.gaf.com

Wavne, NI 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

Glass House, LLC

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

www.glasshouseusa.com

Pomfret Center, CT 06259

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

Click on No. 1870



This roof lantern skylight was fabricated by Glass House.

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: planters, fountains, sundials, statues, garden furniture, balustrades, gazebos, follies, columns, porticos, doors & window surrounds, cornices, molding, mantels & more; custom components.

Click on No. 4020

Heather & Little Limited

800-450-0659; Fax: 905-475-9764 www.heatherandlittle.com

Markham, ON, Canada L3R OH1

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.



Heather & Little supplied the curved copper domes and ornate copper cupolas for this roof.

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 supplied this 13-ft. 101/2-in. finial.

Ludowici Roof Tile, Inc.

800-945-8453; Fax: 740-342-0025

www.ludowici.com

New Lexington, OH 43764

Manufacturer of clay roof tile: wide variety of standard shapes, fittings, sizes & colors; matte, gloss, weathered, fire-flashed, sanded & combed finishes; ceramic slate replicas & slate color matching; custom colors & shapes.

Click on No. 111



This North Carolina residence features Ludowici Roof Tile's Graduated Norman Tile.

NIKO Contracting Co., Inc.

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

Nationwide contractor, fabricator & installer of architectural sheet metal & roofing: slate, tile, metal & other roofing; ornamental ceilings, cresting, finials, cornices, cupolas, domes, steeples & snowguards.



NIKO fabricated the copper dormers and mansard roof and also installed the copper penthouse for this building in New York City.

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. Click on No. 378



Renaissance Conservatories built this copper-clad mahogany dome for a pool enclosure in Yonkers, NY.

Tanglewood Conservatories

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

Designer & manufacturer of handcrafted conservatories, greenhouses, gazebos, storefronts, roof lanterns, domes, cupolas & pool enclosures: Honduras mahogany; custom designs; fully engineered.

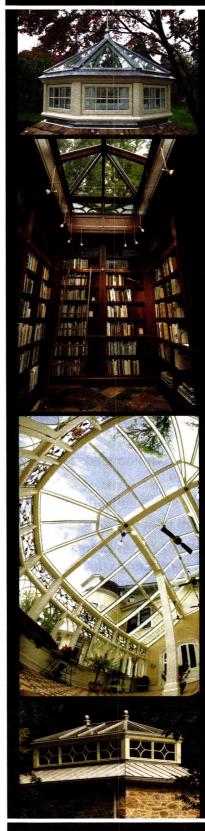


 $Tangle wood\ Conservatories\ handcrafted\ this\ multi-wood\ skylight.$

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CLICK ON NO. 1178 FOR GRAND SLATE; 1179 FOR COUNTRY ESTATES; 1181 FOR COUNTRY MANSION; 1315 FOR CAMELOT; 9270 FOR SLATELINE





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Underwritten by WindsorONE.

Presented by Brent Hull, head of the Brent Hull Companies and a leading expert in traditional residential design and historic millwork in particular, this 60-minute presentation is a guide to the basics of classical interior design. Using as examples the famed Georgian and Federal-style rooms of Winterthur, Henry Francis du Pont's mansion turned glorious house museum, Hull offers inspiring lessons in the unique orderliness, inventiveness, and creativity behind the design of the traditional American room.

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Learning Objectives: After the session, participants will be able to do the following.

- Describe and differentiate between and among Georgian, Federal, and Colonial Revival millwork.
- 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

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

Register now for this free hour-long event.

Town & Country Conservatories

773-281-1212; Fax: 773-281-2234

www.townandcountryus.com

Chicago, IL 60613

Designer & builder of high quality custom English conservatories, orangeries, garden houses, greenhouses, roof lanterns & swimming pool enclosures; in premium hardwood or extruded aluminum: extensive photo tour; design and planning guide.

Click on No. 666



Town & Country Conservatories created this rectangular gable ended roof lantern with decorative cresting and finial.

W.F. Norman Corp.

800-641-4038; Fax: 417-667-2708

www.wfnorman.com

Nevada, MO 64772

Fabricator of sheet-metal ornament & tin ceilings: hundreds of stock designs of cornices, moldings,

bracket, backsplashes, pressed-metal ceilings, siding, roofing cresting, kitchen equipment & more; duplication from samples or drawings.



This gazebo features W.F. Norman Corp.'s style A shingles with its continuous hip finish and a custom-made finial on top.

Walpole Outdoors

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

www.walpolewoodworkers.com

Walpole, MA 02081

Manufacturer & designer of architectural landscape products: cellular PVC & cedar pergolas; railings, arbors, trellises, fencing, & garden décor; garden sheds, studios, stables & gazebos; outdoor furniture, planters, mailboxes, flagpoles, cupolas & lanterns.

Click on No. 280

Wiemann Metalcraft

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

www.wmcraft.com

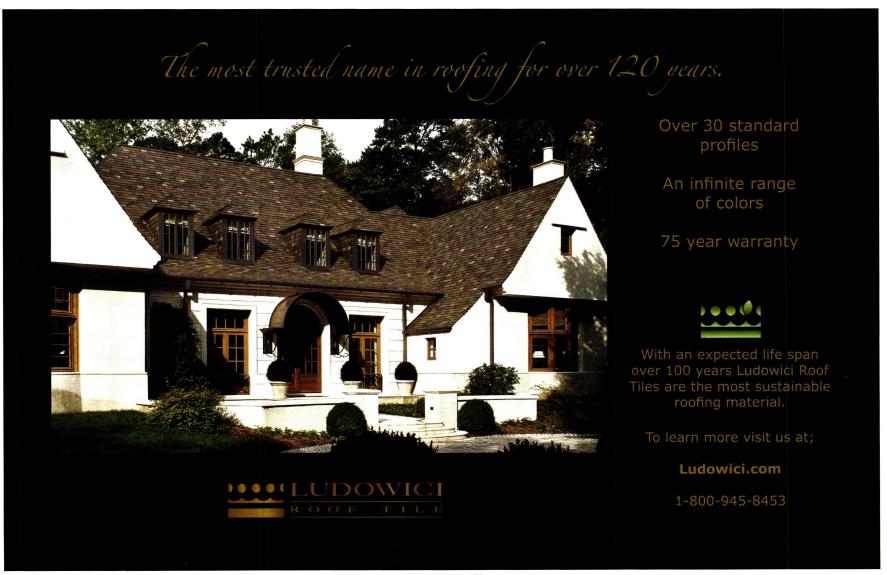
Tulsa, OK 74107

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

Click on No. 1223



Wiemann Metalcraft created this 68x29-in. dragon weathervane based on a 17th-century Christopher Wren design.



Stone, Brick & Masonry

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.

Antigua Del Mar Tile & Ceramics, LLC

310-315-9870; Fax: 310-453-3261 www.antiguadelmartile.com Santa Monica, CA 90403 Supplier of handmade terra-cotta brick & tile: for all construction details; authentic reproductions of glazed ceramic tile from historical Mediterranean architecture.



The Belden
Brick Co.
designed this
relief of a dove
carrying an
olive branch.

Belden Brick Co., The 330-456-0031; 330-456-2694 www.beldenbrick.com

Canton, OH 44702

Manufacturer of brick: variety of colors, textures, sizes; stock & custom shapes; color matching; jack arches, water tables, bullnoses, coping caps, pavers, face brick, brick sculpture & more.

Click on No. 1500



Reclaimed clinker bricks supplied by Gavin Historical Bricks were used to create these steps and walkway.

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; handmolded & face brick; nationwide shipping.

Click on No. 191

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: planters, fountains, sundials, statues, garden furniture, balustrades, gazebos, follies, columns, porticos, doors & window surrounds, cornices, molding, mantels & more; custom components.

Click on No. 4020



Paving from Haddonstone offers subtle textures; it is available in different sizes to suit any landscape, patio or terrace.

Monarch Stone International

949-498-0971; Fax: 949-498-0941 www.historiceuropeancobblestone.com San Clemente, CA 92673 Supplier of Historic European Cobblestone: genuine antique, reclaimed cobblestone; 100- to 400-year-old granite & sandstone cobbles & curbing; large selection of sizes; nationwide shipping. Click on No. 1698



Reclaimed antique granite cobblestone from Monarch Stone was used on this estate in upstate New York.

New World Stoneworks

508-278-7060; Fax: 508-278-7014 www.newworldstoneworks.com King of Prussia, PA 19406 Supplier of natural stone: matches historic stone; photographs existing stonework, extracts pattern & delivers complete hand-chiseled job. Click on No. 1699

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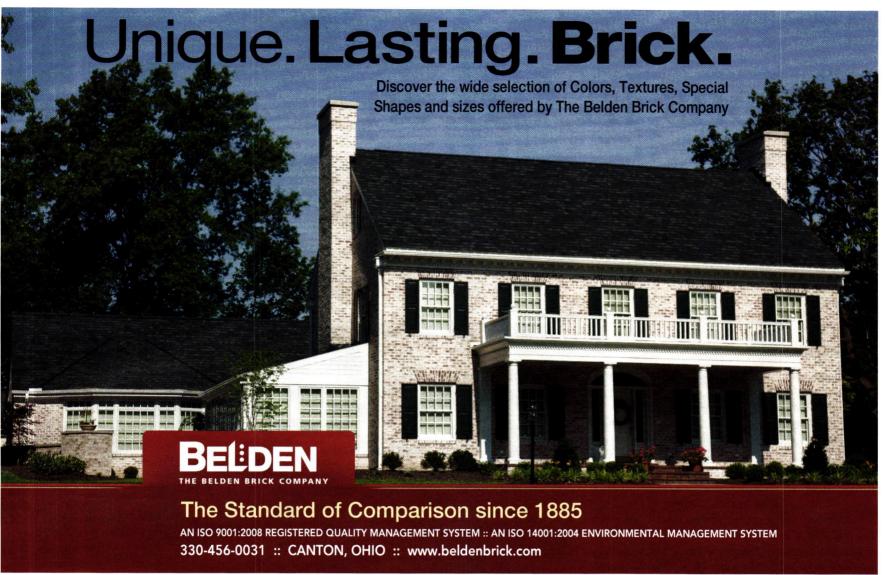
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Visions in Green

The Landscape Designs of Doyle Herman Design Associates

foreword by Mark Ferguson

The Images Publishing Group, Victoria

Australia; 2013

320pp; hardcover; 400 color images; \$60

ISBN: 978-1-8647-0503-4

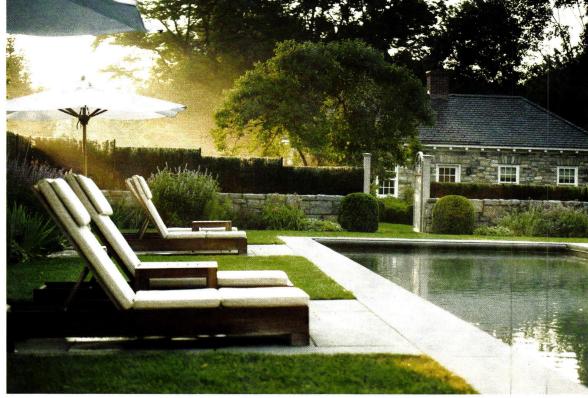
Reviewed by Lynne Lavelle

hree-time Palladio Award-winning land-scape design firm, Doyle Herman Design Associates (DHDA), is renowned for its sensitive approach to place-making throughout the U.S. and the world. From their home bases in Greenwich, CT, and West Hollywood, CA, partners James Doyle and Kathryn Herman have brought to life an array of landscapes, from rambling gardens that surround historic homesteads to clear, linear settings for modern homes. These and many more are featured in the colorful new compendium, The Landscape Designs of Doyle Herman Design Associates, which illustrates the range of styles, scales and locations within the firm's portfolio.

DHDA is often inspired by traditional design principles, but its primary goal is cohesion — between architecture, interior design and landscape — above all. To ensure a "friendly and lively conversation" between all three, the firm underpins each project with strong geometry, structural forms and symmetry. "The creative challenge that we impose on ourselves has been a common thread as we bridge the gap between garden design and landscape architecture," writes Doyle. "We have committed to creating a correct language in both traditional and modern landscapes. We are also exposed to a tradition of horticulture that we have carried through all of our years of practice. In turn, we have extrapolated this knowledge and offer our own voice to the American landscape."



A brightly colored bench serves as the focal point of this small rear garden in Greenwich, CT.



Chaise lounges are arranged around a pool and set against Modernist perennial beds.

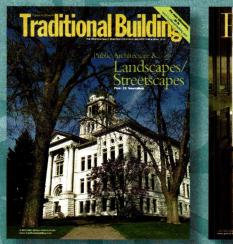
The book comprises 19 projects listed under various landscape themes, including "Restrained," "Unified," "Juxtaposed" and "Legacy." Each chapter of annotated photographs is fleshed out with site plans and a short essay that explains the firm's program and process. Details such as, "The aural and visual elements of the water enhance the sense of sanctuary and add to the peacefulness of the space," go beyond the visual experience to give the reader a sense of how these gardens might feel.

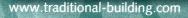
Among the most striking landscapes featured is a "Classic" property in Greenwich, CT. The newly-built home sits on three acres and is grounded by chestnut, weeping beech and magnolia trees that saw a previous home on the site come and go. DHDA's design defers to these trees and takes the orientation of the house as its departure point. While the front façade's landscape elements play a secondary role to the architecture, for example, the terraces, vegetable garden, perennial gardens, walled gardens and outdoor fireplace maintain a more fluid connection to the property. The pool house terminates a long axial line that begins with the house, at the foot of a small staircase, and continues through the front door and the rear of the house. Here the unexpected pay off is a modern sculpture of polished stainless steel.

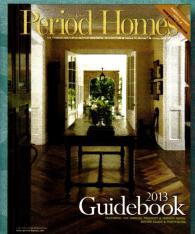
At the opposite end of the scale, but nearby, a narrow property within a densely-populated neighborhood called for a dynamic take on a small "Contained" rear lot. DHDA's structural and sculptural hedges and urns, lawn, parterre garden and hedge provide year-round interest – from every vantage point. "Because one enters the backyard primarily from steps coming down from the house," writes Doyle, "the rear of the property was designed to be appreciated from above as well as from within. As one descends steps from the rear terrace, the view of the back parterre garden is symmetrically framed by ornamental trees on either side of the living area. Across the lawn, through the parterre garden a brightly colored bench serves as a focal point."

The photography of *The Landscape Designs of Doyle Herman Design Associates* will engage trained and untrained eyes alike, regardless of readers' knowledge of landscape design. This is, however, much more than a picture book. Doyle and Herman's approach to each project is thoroughly explained, and allows the reader to delve as deeply as they choose into the theories behind each composition and perhaps glean some ideas — about gardens and more. "There is no such as permanence — gardens grow, evolve throughout the seasons and with time, eventually die. They are a perfect metaphor for life."

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

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Preserving Our Collective Past

By Jess Phelps

s the U.S. economy continues its gradual recovery, the numbers of substantial interior renovation projects, in many areas, are slowly beginning to return to their pre-recession levels. In many instances, both anecdotally and in practice, home buyers are continuing the lamentable practice of purchasing historic properties and remaining generally respectful to the exterior façades while completely reworking the interior to comport with what are considered to be contemporary living standards.

This is regrettable for a number of reasons. First, these renovations are often wasteful, disregarding the building's embodied energy before it reaches the end of its functional life. Second, these renovations remove features that uniquely tie a property to its history and often remove the associated context that allows one to be able to understand or "read" a historic house. A historic façade with a "modern" interior may have residual visual interest, but is a hollow substitute for the authenticity of its former self. Third, substantial and inappropriate renovations can have unintended market consequences. A historic interior has staying power that can far outlast the latest building fad or any trend.



The interior details of this early-18th-century home in Dartmouth, MA, are protected by Historic New England's Stewardship Easement Program. *Photos courtesy of Historic New England*

You probably have witnessed this trend and may already have recognized, either instinctively or consciously, the subtle degradation these losses create. What might not be as apparent, however, is how acutely vulnerable historic interiors really are and how little legal protection exists for these important elements of our collective built heritage. As May is National Preservation Month, providing some due attention to this neglected area of preservation efforts is perhaps a valuable exercise.

Overall, the contemporary preservation apparatus is woefully ill-equipped to address the challenge of protecting historic interiors. Landmark ordinances that enable protections for interiors are rare and the most effective regulatory preservation tool, local historic districts, wholly exempt interiors. This wholesale exclusion stems from the rationale behind local regulation, which focuses on the public benefit historic areas and properties provide, primarily through the aesthetic justification of providing a historic setting. Given the complexity of preservation regulations, as well as the current regulatory and budgetary climate, local, state and federal governments are not positioned to take on substantial additional responsibilities in this area, and historic interiors will continue to fall outside of the regulatory framework.

The only available mechanism to protect historic interiors with any degree of certainty then is the preservation easement, a legal tool that relies on property owners to take individual initiative to protect their own historic properties. Overall, a preservation easement is a voluntary legal tool whereby an owner of a historic property gives up some of their ability to modify their home's historic features to a qualified easement holder (often a non-profit organization). The easement holder will then be committed to monitoring and enforcing the easement terms going forward. An owner does not relinquish the ability to use, lease, sell or otherwise utilize the property through the easement donation; only to refrain from making certain prohibited alterations to its historic fabric.

One unique advantage of an easement is that, if desired, it can be a perpetual agreement and can bind future property owners — limiting their ability to demolish or otherwise modify the historic property in an insensitive fashion. The easement will provide the easement holder the ability to perform periodic monitoring of the property to ensure compliance, as well as to enforce its terms against violations, including taking any necessary legal action.

When it comes to a specific historic property, preservation easements are a flexible tool and can be tailored to protect the character-defining elements of the property, while leaving other areas open to updating or modification. Easements can protect a property's exterior, the landscape or site, and crucially, important interior elements — which are otherwise wholly unprotected even for the most significant historic sites (including properties listed on the National Register of Historic Places or designated as National Historic Landmarks).

With regard to interior protections, an easement holder should not seek to freeze a house in time, but rather allow it to sensitively and appropriately adapt, subject to review and input, to contemporary living. In crafting the scope of protection, the owner of a historic property can play a significant role in determining what degree of protection is to be put in place — protecting specific and unique architectural treatments, moldings, mantles, staircases, door hardware and other similar elements.

Interior easements protect features that provide insight into how the property evolved over its history, preserving the workmanship and craftsmanship of early structures and ensuring that they survive intact for future generations. The unique contours of a hand-planed softwood floor can be erased in an afternoon's power-sanding, for example, destroying the work of the original craftsman. But an easement can protect this specific feature and alert future owners to the dangers of over-finishing.

In all, historic interiors represent an important and vulnerable part of our nation's built heritage. While preservationists have made substantial efforts to preserve the exterior fabric of many critical historic structures, shockingly fewer interiors are afforded similar protection regardless of their significance or integrity. Preservation easements, however, do offer preservation-minded homeowners the ability, on a property-by-property basis, to take individual action to protect a historic interior that would otherwise be lost or modified beyond recognition by a subsequent and potentially insensitive owner.

Please note that the information provided above is just general guidance on the topic of easements, not legal advice. As easements are binding legal instruments, potential easement donors should consult qualified local counsel for advice on the local, state and federal implications of an easement donation.

Jess Phelps is the team leader for Preservation Services at Historic New England, the oldest and largest regional heritage organization in the country. In addition to its 36 museums, Historic New England holds 84 easements on privately-owned historic properties, which protect over 150 buildings and 750 acres of land across five New England states. Visit www.HistoricNewEngland. org/Stewardship for more information about the organization's Stewardship Easement Program.





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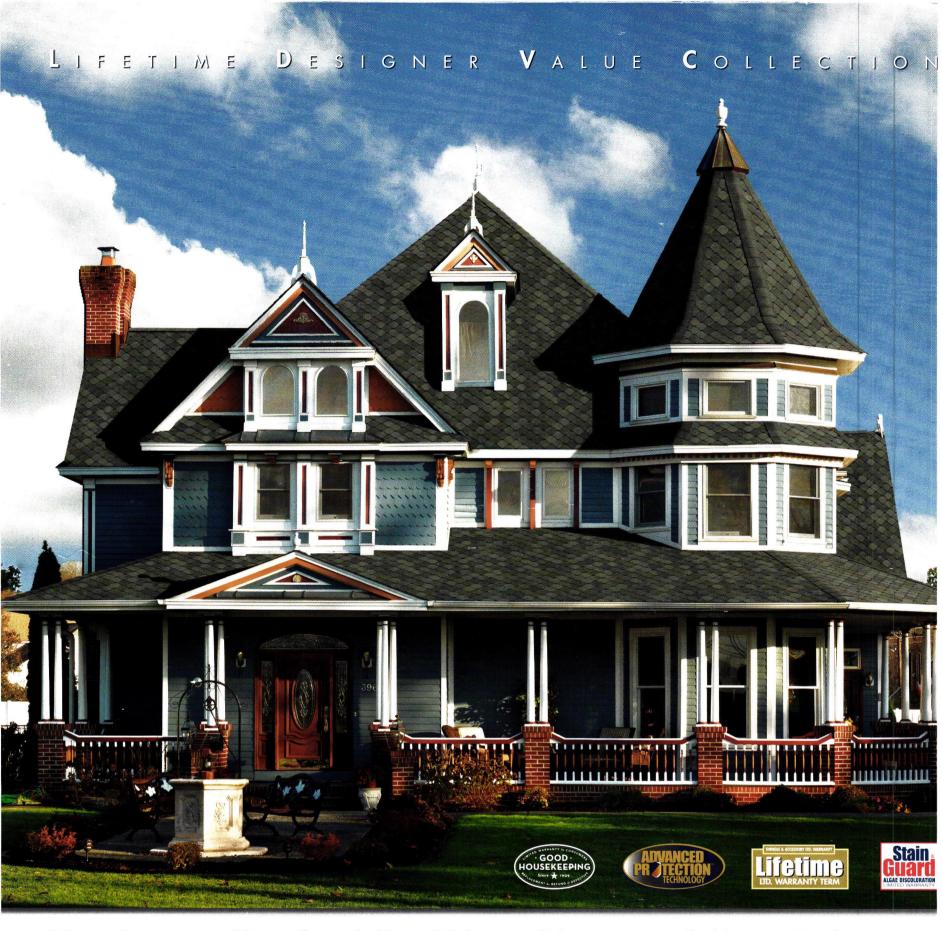
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