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Whole Again

Janice Parker masterfully revives the historical charm and garden romance of an Ellen Biddle Shipman-designed landscape.

**BY KILEY JACQUES** 



n the early 1920s, Ellen Biddle Shipman devised a garden and landscape for a hillcrest property in Ridgefield, Connecticut. In 2009, landscape architect Janice Parker set about restoring it to its former grandeur. Substantive yet graceful, the two-story home was originally designed for a wealthy banker. The property has undergone a few permutations, including a stint as a nursing home. Ultimately, the main house burned down, and the property was divided into two lots—two very at-odds lots.

"When I got the project, I went to Judith B. Tankard, who wrote the book on Ellen Biddle Shipman," says Parker, noting that there weren't any real records of the property to guide her. Encouraged by Tankard's words, she went forth

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BELOW: The landscape plan for the site included joining the two residences; and salvaging the original fountain, garden pavilion, and a circular bench. It was designed to create symmetry, movement, and romantic gardens. All photography by Neil Landino Jr.

OIIO

The "wild stag of the garden," as he is affectionately called, is a new addition meant to add whimsy and historical accuracy.

The restored steps and balustrades are framed by plantings along the steep westward slope, which was regraded and softened.

with her own ideas, looking to the book and articles for inspiration.

Her canvas was dotted with incongruities. The client's house sat high on a ridge, while a second house was posited at the base of a dramatically steep slope that characterizes the rear grounds. The first order of business was to address the uncomfortable relationship of the lower house to a round, Shipmandesigned historical fountain. (Parker describes the house as having been "jammed into the fountain.") For years, the client had looked down on the problematic situation at the edge of her property, and she was anxious to resolve it.

Upon purchasing the lower portion of the original property, consideration was given to moving the fountain. However, restoration experts advised against it. The Dumbarton and Oaks-like pebbled concrete finish was crumbling and would likely be destroyed altogether in the move.

The solution was to "soften things" around the fountain and turn it into a centerpiece. There weren't any stairs coming down around the fountain, so Parker worked with architect Sean O'Kane to come up with a design that worked. Additionally, all of the balustrades were gone, but they were able to use a few pieces that had been left onsite to replicate them.

They restored a retaining wall that had completely collapsed along one side of the large square lawn, and Shipman's pool pavilion was given new luster—it's not functional but its aesthetic value is unparalleled. Parker also added a custom bench by New England Ornaments. She notes how the space works now: "The level lawn panel feels very nice and calming. Without it everything keeps dropping off. It is a wonderful place for weddings, family events,





and the many fundraisers the client hosts."

Though the division of the property into rooms and corridors helps to make sense of its circulation, Parker says it was a challenge to find the geometry in this project. Because the houses were never meant to be together-they were both built in the early 2000s—and the fountain was in such an odd location, she was dealing with pieces from different puzzles and their edges didn't line up. "We had to play around quite a bit," she recalls. "I felt symmetry was really important because otherwise you didn't know where to go." To that end, she put in a British flag-patterned pathway on the lower level; and laid a pebble mosaic compass rose, trimmed in tumbled bluestone brick and dressed with a necklace of hornbeams. She also kept the stairs on one line to tie the houses together.

The lack of large trees added to the disparate picture. "It seemed to me, laying out all of the structures and elements was of course important, but holding the volume of space together with trees and accents of plants was more important because there were not any old trees left between the two houses." The repetition of fastigiate copper beeches against the pale stonework serves that purpose.

The historical character of the fountain, pavilion, other other structures called for a program that would lend "age" to the planted landscape, too. Traditional greenscapes of hornbeams, magnolias, dogwood, and boxwood parterres are in keeping with the Classical tradition, while the use of chartreuse Hakonechloa grass, 'Limelight' hydran-

A red fastigiate beech both anchors the lawn panel and catches the light—an intentional design decision resulting in a twinkling gem effect.



geas, Deutzia gracilis 'Chardonnay Pearls', weeping Japanese maple, and 'Roseanne' geranium are contemporary choices. Parker explains that the client didn't want a lot of color, so she relied on bronzy purple accents to set off the primary green spaces. They also serve as a bridge between the whites and pinks of the arching rose blooms.

The experience of the grounds is one of wonderment, which was part of the design intent. "What I always feel, and hope other people feel—especially in the early spring, when the fastigiate beeches are ruby red in the light—is like Alice in Wonderland," says Parker, noting the many surprises visitors discover as they tour the property. "Rubies on trees," dolphin fountains, a statue of Aphrodite, a wild stag sculpture, and even the pool pavilion are "playful focal points," which combine with Classical elements to evoke romance.

For Parker, the property's restored glory is a tribute not only to Ellen Biddle Shipman but also to pioneers like Beatrix Farrand and Annette Flanders. "There were a lot of important gardens designed in the last century that really set the tone," she says, recognizing the potential her predecessors bestowed on the suburban garden—the potential to create timelessness by combining a limited plant palette with traditional elements and playing with proportion and space. "Simple plantings of very pretty, special plants can be used in a way that is not predictable," notes Parker, who sees this particular landscape as Classical, though located on a suburban lot. "By keeping the Classical pieces, it doesn't come off as pretentious because it is historical, but it avoids the suburban predictability."

Parker ultimately ties successful suburban garden design to the matching success of the women who mapped a course for future female landscape architects. To convey her respect, she shares this quote:

"Not for one instant will this daunt a woman to whom landscape design is a master passion. She exults in the demands upon every power of mind and body. In other words, she is an artist and, insofar as her art is concerned, a willful fanatic."— Mary Bronson Hartt, Women in the Art of Landscape Gardening, 1908

This sensitively reimagined landscape is evidence that Janice Parker is one such undaunted artist.



ABOVE: Traditional plantings like clipped boxwood and roses mix with more contemporary choices such as Deutzia gracilis 'Chardonnay Pearls'.

RIGHT: The stucco pebble matrix was re-created for the restored dolphin fountain—a central feature.



# Greek Revival and Gardens

Milton Grenfell designs a home that creates a perfect flow between interior and garden spaces.

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**BY MARY GRAUERHOLZ** 





ABOVE: Architect Milton Grenfell found various ways to open the home to the outdoors, a request of the homeowners. Illustration by Rob Leanna. RIGHT: An antique grandfather clock in the dining room, fashioned in pine, has a decorative handpainted clock face. BOTTOM: In the living room, a deep east-facing window provides beautiful morning light. All photography by Eric Roth.

aratoga Springs, New York, with its genteel summer homes and horse farms framed by rolling hills and the mountains beyond, has always had a certain gilt-edged glimmer. But when architect Milton Grenfell signed on to design a new house in town, it wasn't a lavish project on a spacious piece of land; the project would be a modest home on a small narrow lot located on a historically blue-collar street near Skidmore College.

In addition to the challenge of working within the small lot without crowding the neighbors or sacrificing privacy, Grenfell got a major directive from his clients, Phyllis and Sam Aldrich: to incorporate aging-in-place features so the couple could look toward a future in their house.

"The central challenge," says Grenfell, principal of Grenfell Architecture in Washington, D.C., "was how to comfortably fit a lot of program on the ground floor, and still have enough ground left over for gardens. Also, they didn't want to have to walk up and down stairs—which meant that they needed to have everything essential on the first floor, yet without feeling cramped."

The Greek Revival style, our country's first national architectural style and a favorite of the clients, worked with the design challenges. "It has something comfortably Currier & Ives about it," Grenfell says of the style with early1800s origins. "It became our first national style, with pattern books widely available for the first time in the early 19th century, when all things Greek were the rage. For the first time, carpenters, with no architectural education, could build a refined architecture from pattern books, and the reigning style in the books was the Greek."

The flexibility of the Greek Revival language enabled Grenfell to turn out a classically beautiful plan that deftly addressed the project's many program requirements. Grenfell took advantage of the style's various features to render a house where the Aldrichs could age in place gracefully.

For instance, one common Greek Revival feature-a tall frieze atop giant order corner pilasters-was the perfect device for forming a 1,545-square-foot half-story above a 1,895-squarefoot ground floor, complete with a line of dormer windows set into the frieze. "The tall frieze allows more headroom in the attic," Grenfell says. "We used this and other volumetric devices to give the family the amount of habitable attic space they wanted to accommodate the frequently visiting family and friends." By hiding second-story space in the attic, the home's one-and-a-half-story exterior blends with the rooflines and massing of surrounding houses on the street. The Doric columned front portico gives the house dignity, yet is understated so it doesn't upstage the modest streetscape.

Inside, all the most important rooms are on the first floor, including a spacious master bedroom suite projecting into the quiet rear gardens. Because the couple frequently entertains, the kitchen con-











2: Grenfell designed Sam Aldrich's study around the desk, a replica of an 18thcentury Italian piece.

3: The first-floor living room is a favorite spot for the homeowners, especially in the winter. Hanging above the fireplace is a 17thcentury painting by Jan van deCappelle.

4: The dining room also benefits from east-facing windows, which allow light to flood the space. The chandelier is a family heirloom.



nects to the dining room via a butler's pantry, for storing stemware, china, and linens, while also serving as a buffer between the two rooms. For cocktail parties and casual dining, there is also a shuttered pass-through for serving between the two rooms. "Little features in a little house can make a big difference," Grenfell says.

Grenfell believes that each room should have its own memorable character. For example, the southfacing breakfast nook off the kitchen looks onto a sunny garden terrace. Meanwhile, the formal dining room is on the north side. The library, on the southeast corner, catches the morning light. While the living room in the southwest corner room also faces the street, its bay window burnishes the room with afternoon light.

Upstairs are two guestrooms with a shared bath, yielding plenty of space for hosting the couple's visiting children and grandchildren. There is also an exercise room and a study for Mrs. Aldrich, a professor and scholar who taught for many years at Skidmore. The Aldrichs also asked for a detached garage on the alley, with the option of upstairs living space for a caregiver, in case one might be needed someday. The garage has another role, as well: forming a trellised privacy wall for the shade garden.

To house so much program downstairs and not have it feel claustrophobic, Grenfell developed a central circulation spine as a long enfilade (a series of rooms with aligned doors) used to grand effect in 18th century palaces. As the eye traverses the 100 feet of the house's enfilade, a succession of five different rooms (the fifth being the rear garden), each with its unique light quality and character, present themselves. A bay window in the living room, breaking out of the Greek Revival box, proved to be another very good device for creating spaciousness. As Grenfell says, "The southwest facing bay reaches out to bring in the street view, side garden, and sunlight, thus magnifying an otherwise small room."

Such clever devices allowed Grenfell and the general contractor, Field Horne of Horne Classic Houses in Saratoga Springs, to weave elegance and practicality for a singular effect. "Variety is an aspect of one's perception of size," Grenfell says. "If something can be readily grasped in an instant, it seems small. Something richer, more complex, and less predictable keeps your attention longer and seems larger."

Maneuvering the structure to extend toward the property lines, then pulling back when necessary, helped to create outdoor spaces that serve a variety of purposes. "In our practice, we always regard the outdoors as an extension of the indoors," Grenfell says. "Because of the carefully orchestrated massing of the house, we were able to create a number of gardens. They're small, but like the interior rooms, each has its own shape, size, light conditions, character, and uses."

Pushing the house against the northeast property line opened up gardens along the southwest line, positioning them for maximum sun. The living room projects toward the side property line where a neighbor's house is pulled away from it; then the kitchen/ dining pulls back where the neighboring house extends toward the property line. "Like a ballroom dance step, the back and forth works for both parties," Grenfell says. "Visually we're stealing space."

On the northwest corner is a lawn terrace, perfect for playing croquet and gamboling with grandchildren. A stepping-stone walk from the garage to



a screened porch demarcates the shade garden on the northern corner from the lawn terrace. A kitchen garden with vegetables and herbs gets full sunlight from the east and south.

The home's architecture and all its creative devices have shaped a house that Sam and Phyllis Aldrich love. For Sam, who played a key role in saving Olana, the Victorian villa that was home to the painter Frederic Edwin Church, his house is comfortable, contained, and connected to the region's past. One of Phyllis's favorite spots is the living room bay, with windows so tall they extend almost to the ceiling. "I love the house," she says. "It feels classical and peaceful and really good."



Clients asked for expanded access to the outdoors and LeBlanc Jones Landscape Architects gave them an award-winning landscape.

BLVY COURT

#### **BY TOVAH MARTIN**

hen a young family with growing children reached out to LeBlanc Jones Landscape Architects, they were just itching to get outside. With an acre surrounding their Chestnut Hill suburban Boston home, they sensed that the property had

Boston home, they sensed that the property had potential to accommodate their outward bound focus. They wanted more opportunity to bond alfresco, but the property's layout lacked spaces to lure them outside. At the same time, they preferred simplicity. The same no-nonsense style that guided the architecture of the historic house needed to extend to an equally embracing outdoors.

Ivy Court, their 1920s brick house with decades of established Boston ivy clambering up its walls, has considerable presence that begged to be softened by copacetic surroundings. Not only does the house possess innate grandeur, but that majesty spreads into the adjacent neighborhood. This was a scene that could be broadened to look out on borrowed landscapes with views of sensitively maintained mature trees. When Doug Jones began to toss around ideas, not only did he think about the gem in its immediate setting, but he also considered opportunities to bring the greater ambiance into the picture. What he wove was a bond between close environs and vistas farther afield.

Standing two and a half stories tall, the house has presence. And that spatial range begged to be balanced by meaningful green areas outside. As a strategy, LeBlanc Jones explored the area immediately around the house for space that might

A pachysandra-lined bluestone walkway runs along the entire front of the house, beyond just leading to the front door. Photo by Keith LeBlanc.



become functional. What the design team found was valuable areas that could be enlisted if they were rethought. That's when the plan to think out of the box and reconfigure the driveway was hatched. Suddenly, landscape immediately behind the house was freed for a lounging terrace with a room-like configuration. Given elegantly selected containers and comfortable furniture, the space uses the house as a backdrop, softened by a row of Viburnum 'Winterthur' as an anchor on one side. The space is further shaded by and feathered into the landscape thanks to a preserved weeping cherry and a newly inserted Maackia amurensis. "The Maackia was a unique choice," notes John Haven, senior associate at LeBlanc Jones who led the design for the project. "It was selected for its open-branched habit, white sum-

mer blossoms, and elegant shiny cinnamon-colored bark." But the view toward a set of lawn steps leading to a playing field is the main focus. Thanks to this "found space" the family has become grateful spectators for numerous lacrosse matches held on the lawn. Farther out, a curving border of trees is layered with lower shrubs. The lounging area also allows monitoring of a niche with a rustic play swing backed by conifers. In short, recreation of all types is now part of the picture.

Harnessing the newly claimed space, the terrace continues around back with seating areas that spill from other doors making the house open-ended wherever possible, offering convenient walkways to the lawn before merging into a parking court with access to the garage. Sensitive to storm water run-off issues and striving for permeable surfaces, LeBlanc Jones went with gravel rather than paving wherever possible, especially where snow shoveling would not be necessary. Salvaged granite was repurposed to create the lawn steps as well as other granite segues to achieve grade changes. Meanwhile, lines in those recreational areas flow comfortably from one user-friendly space to the next. As Doug Jones explained of their intent, "While we were always respectful of the architecture and its history, this is not just a garden for viewing, it's a place that hosts contemporary living."

The front of the house lent itself to more formality and sharper angles to reflect and respect the architecture. Here, LeBlanc Jones asked their client if they intended to use the front lawn and the



ABOVE: Granite steps gracefully and handsomely transition the slope into the playing field while a pea stone terrace accented by Maackia amurensis makes use of the level below the house's first floor. Photo by Eric Roth.

RIGHT: In keeping with their theme of a relaxed landscape, low-light tolerant 'Annabelle' hydrangeas casually nod their heavy flower heads beside granite steps. Photo by Eric Roth.





response was that they rarely found the opportunity. Nonetheless, the landscape architects configured the space to make further recreation possible and were delighted to learn that the square lawn framed by bluestone now hosts alfresco birthday parties. In front, a brick retaining wall forms a defining line while billowing mature yew was kept as a counterpoint to the prevailing linear accents. In addition, the retaining wall also supports a raised plinth-like table where a matrix of neatly clipped boxwood orbs spreads to give a totally unique, almost green-upholstered appearance from the front lawn. On another level, the view across that lawn leaves "window" glimpses at magnificent colorful mature neighboring beech, elm, goldenrain, and Japanese maple trees. Beyond being insightful, the design celebrates the

bigger picture in innumerable ways.

The scene has an overarching grandeur and utilizes diverse plants ranging from perennials to shrubs and trees. Annual accents change seasonally and are tucked into graceful Pennoyer Newman containers that bring green elegantly to the elbow of lounge chairs and accenting doorways. Because so much is going on in this hardworking landscape, the homeowners wisely requested only white-flowering plants. In the containers, the white palette translates into white roses, jasmine, and alyssum (changed out seasonally) as well as orbicular boxwood. For the perennials, Solomon's seal, ferns, hellebores, and sweet woodruff cover ground. In the shrubbery department, hydrangeas and viburnums prevail although red and yellow fruit is a permitted bonus beyond the white theme in late summer and autumn when hungry birds harvest the goodies. So the colorful fruits go to a good cause. "We took the green and white palette as being an opportunity," notes John Haven. "It's one of the property's strong suits, the result is very succinct."

In a word, the presentation is brilliant, a conclusion that is not only echoed by the grateful neighborhood but also proclaimed by the Institute of Classical Architecture & Art, which conveyed their seventh annual Bulfinch Award on LeBlanc Jones' Ivy Court design. Given its creativity and sensitivity to the environment, this multi-layered gem adds green luster to a magnificent house. The landscape around Ivy Court respects the roots of the home while building on the property's future.

Faux-lead planters from Pennoyer Newman spill with hydrangea and variegated English ivy on a landing shaded by a preserved weeping cherry. Photo by Eric Roth.

2





# The Classical Porch

### The practical sides these historically inspired structures.

### **BY GORDON H. BOCK**

lassical porches are not only the essence of ancient classical architecture but also a signal feature of American houses, with many deriving their forms and features from ancient Greece and Rome. Nonetheless, the logic and formality that drives ancient classical porches has a history of taking a back seat in the mix-andmatch architecture of America—especially early America—when trumped by the practical needs of builders and clients, rendering many classical precepts more as penciled in guidelines on paper than hard rules set in marble.

#### **PILLAR TALK**

With a history as rich as the faucet industry itself, Among the five traditional classical orders—Doric, Ionic, and Corinthian from ancient Greece with Composite and Tuscan via ancient Rome—evidence suggests that Tuscan columns predominate in American porches regardless of the rest of the building or architecture. Documented as far back as Vitruvius, the Tuscan as commonly realized has an unfluted shaft with a straightforward base and no-frills capital where the only decorative details are a few, simple, bold mouldings. Is it any wonder then that Tuscan has long been the column of choice for vernacular interpretations of classical architecture or academic revivals? It's simplicity makes it relatively easy to understand and build, especially out of wood and with simple tools. (No surprise too that the Tuscan is derived from the similar looking Roman Doric, which historians believe to be based on wood originals.) Planbook architect Asher Benjamin, the stylistic tutor of early American carpenter-builders, singled it out in *Practice of Architecture* (1833) noting that "The Tuscan capital is distinguished by rustic plainness."

Today, traditional, staved-wood columns are on the wane in the column marketplace for new con-



struction, but the Tuscan order still ranks high as a top-seller in modern materials, such as fiberglass (especially spiral-wound), polyester composites, and cast stone, and for the same ease of construction reasons.

#### SPACE PROGRAM

To go by classical principles, for harmonious appearance the distance between columns in a portico or colonnade—the intercolumnation—should follow one of the proportioning systems related to column diameters—for example, separated by a distance of  $1\frac{1}{2}$  times the column diameters at their bases, or 2 diameters, or  $2\frac{1}{4}$  diameters, and so on. By rights, when the porch is in the Doric order, columns also need to be positioned in relation to triglyphs (forklike ornaments) in the entablature, such as under every other triglyph, or separated by two triglyphs, or three or four. All works out sublimely when the building is a mammoth temple, such as the Parthenon or Pantheon, but at a residential scale the system can show practical shortcomings. As Americans like Asher Benjamin pointed out early on, if the columns are, say, only 18" in diameter, the intercolumniation would likely have to be at least 2 <sup>1</sup>/4 diameters to permit a person to comfortably pass between columns (much less not block windows in the building itself). On the Doric issue, the columns could also be spaced by three triglyphs. In either case, though, while the porch would probably be structurally viable, it could appear visually anemic at it attempts to support of all the "heavy" ornament in the cornice—not very classical.

One way around this column conundrum is for houses to avoid the Doric order altogether, or at least strict adherence to its entablature, a solution Benjamin himself advised. Even better though is to pair up columns in couples instead of evenly spaced intervals. While uncommon in both ancient Greek and Roman examples, coupling became a pet solution for 18th-century architects no less than Sir Christopher Wren, giving a new look to the classical porch while still fulfilling the craving for columns. Indeed, in 1830s America, paired columns were holding up many of the best entrance porticos. By the end of the century pairing—even tripling at corners—became close to a fad for Victorian era porches, and remains an attractive device still used today.

#### **MORE IS MORE**

In its most austere vocabulary and conventions, the classical porch grew evermore archaic and passe during the Victorian era, as designers flitted among the various revival styles of the late 19th century in search of fresh architectural titillation. Then, in the 1890s through early 1910s, the taste for authentic classical porches cycled back—but as with all fashions, in not quite the same way as before. The Neoclassical Revival style, as it is often called, was charged by not only a residual thirst for the eclectic, but also the World's Columbian Exhibition of 1893 in Chicago, which dictated classical as its

LEFT: This Pensacola, Florida, house used a simple column and railing in its design. **BOTTOM: Architect Sandra** Vitzthum designs a a porch using elements of the Gothic Revival in Vermont. RESOURCES **Chadsworth Columns** Haddonstone Worthington Millwork **Melton Classics Architectural Elements** 



architectural theme and exemplified the prosperity and bigger-is-better mentality of the late Industrial Revolution.

While the Neoclassical Revival revivified the appeal of academic accuracy in classical porches, it also sought fresh ways to say classical for a booming building market by reinterpreting known details, unearthing new ones and, most impressively, manipulating their dimensions. Architects hit the books researching, in particular, Roman and Italian Renaissance examples to find novel historic models, such as the wide capitals of the Paestrum variation of the Doric order (derived from an ancient Greek colony in Paestrum, Italy) employed by architect Henry Trost in 1902. Neoclassical Revival porches in houses flaunted a clear bias towards the ornate and elaborate, favoring fluted columns and complex capitals, such as Corinthian and Ionic, made possible by mass-production techniques and molding with composition materials. Most dramatic though was the amping-up in scale, frequently to the thresholds of exaggeration. Entrance porch columns commonly rise the full height of these large, two-plus storey houses, and in other versions extend across the full width of the façade. They were conspicuous in their profusion too, with a two-storey entrance

porch often straddling another, lower, one-storey, full-width porch, a combination all but unheard-of in the ancient world.

Neoclassical Revival houses of the 1890s and 1910s set a standard for mammoth porch supports that is rarely matched today, even in the age of McMansions and Las Vegas-style megaresorts. Hard to believe these behemoth columns were made of staved wood, a lively industry at the turn of the last century that endured into the 1990s until one-by-one, premier, original manufacturers like Hartmann-Sanders and Schwerd, changed ownership or closed their doors. Today, columns up to



24 feet tall can be had in a single piece in modern materials such polyester resin composite. Larger columns are typically made in thin-wall fiberglass and in sections. While these can be load-bearing, they are designed to also be covers around steel. More to the point however, they don't require a big crane to set the column, so they are far easier to handle than a couple continuous storeys of classically crafted spruce.

Gordon Bock is an in-demand speaker and instructor with the National Preservation Institute (www.npi.org) who lists his upcoming keynotes and seminars at www.gordonbock.com. LEFT: The two-story porch is of the traditional Southern vernacular. Note the difference of the width of the columns on the first and second stories. BELOW: Architect Sandra Vitzthum uses classical details for a Greek Revival porch in Connecticut.





# Spanish Colonial Revival

Making a fragment whole again reimagining a George Washington Smith house.

LEFT: The remodeled pool house has a new fireplace, barbecue, trellis, Bougainvillea, copper gutters, lighting and shutters. The hardscape and pool were also reworked with all new paving, plaster, tile, and coping. Charles White photo.

BELOW: A historic photo of George Washington Smith's design dating from 1920 shows the original furnishings. Note his use of antiques and the interior finishes, which were used as inspiration for the interior decor of the new house. Architecture and Design Collection, Art Museum, University of California Santa Barbara.





dding a sympathetic addition to a historic house presents challenges; adding a new house to an addition presents even more. In 1919, George Washington Smith designed his first professional commission, a two-story Mediterranean revival house in Montecito, California. Over the years, the original house had been added onto, twice. Then, in 1940, the original estate was subdivided into three separate parcels, with the center addition moved to a new location. This project takes what had been the rear addition to the original house and reworks it into a single-family house referencing the work of Smith and the Spanish Colonial Revival style he was so influential in creating. Making sense of these fragments was the challenge left to Michael Burch, two-time Palladio Award winner and threetime Venice Biennale participant who has been referred to as the "greatest living practitioner of the Spanish Colonial Revival Style" (Stephen Harby, Yale & Fellow, American Academy in Rome).

George Washington Smith is often considered the "father of the Spanish Colonial Revival," that style of architecture so prevalent in Southern California that some consider it to be the de-facto vernacular. Its overall form, based on farmhouses in the Andalusian countryside—with foundations sometimes harken back to Roman times—give rise to an architecture with a picturesque, sculptural presence in the


landscape. The details, however, are inspired by the best of the features of the royal court and castles of Mudéjar, Spain. During the 1920s and '30s the style was simply called "The Californian Style."

Its popularity in part was derived from the appropriateness of the architectural form to its environment. The indigenous forms perfected in Andalusian, Spain, over hundreds of years, were a natural fit in California. Elements of the style were often used as a design strategy for sustainability with orientation, broad overhangs, porches, deeply recessed windows and clay tile floors providing passive solar energy savings. Clay tile roofs and stucco walls similarly provided fire resistance in areas naturally prone to wild fires.

This project started with the aftermath of the subdivision of original estate. The irregularly shaped site, cut off from street frontage and accessed by a narrow driveway, lacked coherence, scale, elegance, grandeur and delight. The spatial sequence to and through the site and house were haphazard. The upper and lower sections of the site were not well connected.

To remedy these issues, a new site sequence was designed and the entire site re-landscaped. A new grand axis was created to greet visitors at the site's entry, running from the entry gate, up through the existing living room and inner courtyard. This grand axis was continued beyond the house, up a new garden stairway beside a new fountain garden, which contained an existing wall fountain of the original estate. At the top of the grand axis, a new upper fountain courtyard was created to redirect circulation to the swimming pool. The reworked swimming pool and pool house were connected on axis to the master bedroom via new garden steps and landscaped terraces. A carport was removed and a garage was created where there had been an office in the existing structure.

The house itself, was completely redesigned within the shell of the original 4,880-square-feet structure. Continuing with the new entry sequence from the exterior, the kitchen and the dining room locations were reversed, a playroom became the master suite, an office became the garage, a second bedroom was enlarged, a third bedroom created, the powder room relocated, a Laundry Room added and the Bathrooms reworked. Most of the house was taken down to bare walls or studs. Almost all finishes are new, including carved and stenciled beams, fireplace surrounds, doors, windows, floors, and vaulted ceilings.

Michael Burch sought a design consistent with Smith's work and carefully selected details, tile,

LEFT: The view of the newly established grand axis, which leads up through the site connects the entrance of the property with a view of the re-located living room and terrace. Michael Burch Architects photo.

TOP: A new lily pond off the new grand axis creates a tranquil space in one of the new outdoor garden rooms. It can be seen from the new living room terrace. Michael Burch Architects photo.

RIGHT: An existing gallery is the only portion of the existing house thought to be attributed to George Washington Smith and is used to organize all the circulation in the house. Tile, lighting, and all furnishings are new and were inspired by George Washington Smith's own designs. Charles White photo.





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stenciling, and paint colors Smith had used. Light fixtures are either vintage or Smith reproductions. The furnishings are mainly antiques from Spain, Italy, and England, similar to those used by Smith in his own interior decoration. Although antiques are used, the interiors are designed for 21st-century functionality and needs.

The result of a careful reiteration of Smith's

A new handcrafted garden gate is painted with traditional Santa Barbara green color and is inset into a wall constructed of local stone. Details on the gate are inspired by Spanish Colonial Revival spindle cabinetry. Michael Burch Architects photo.

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Under Glass Mfg. Corp. 845-687-4700; Fax: 845-687-4957 www.underglassusa.com High Falls, NY 12440 Manufacturer of Lord & Burpham Lino

Manufacturer of Lord & Burnham line of conservatories, greenhouses, sunrooms, solariums & kits: aluminum & glass; custom & standard designs.



Under Glass Mfg. Corp. constructed this aluminum and glass Lord & Burnham pool house.

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Speaker: David Martin, President, Allied Window, Inc., Cincinnati, OH



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**Speakers:** Steve Lien, CSI, AIA, Marvin Windows and Doors



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11111 Canal Road, Cincinnati, Ohio 45241 www.alliedwindow.com • 800.445.5411 • fax: 513.559.1883

CLICK ON NO. 690

# DOORS, WINDOWS, HARDWARE & SHUTTERS



Advanced Building Products provides custom window walls for a variety of applications.

Advanced Building Products, Inc. -Curtain Window Walls 800-882-4657; Fax: 717-661-7727 www.renaissanceconservatories.com Leola, PA 17540 Advanced Building Products, Inc., a division of

Renaissance Conservatories, manufactures and installs custom curtain window walls, doors, and entryways. Call for more Information

To order free product literature from a company listed in this Buying Guide, go to period-homes.com/rs and click on the reader service number that appears at the end of its caption.



The Operating Magnetic-One-Lite window, model MOL-OP from **Allied Window**, is a bottom-operable unit with the option of an exterior half or full screen.

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

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



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www.archangleohio.com

Medina, OH 44256

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Interior & Exterior custom wood shutters in all types and sizes, including Hard-To-Find Traditional Interior Moveable Louvers Call (203) 245-2608 www.shuttercraft.com



CLICK ON NO. 5005



Architectural Components supplied custom truedivided-lite windows and doors with insulated glass for this Shingle-style home on Martha's Vineyard. Call for more information.

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

Custom fabricator of wood windows & doors: traditional details, materials & joinery; paneled, carved, louvered, French, pocket & art-glass doors; complete entryways; screen & storm doors; casings & moldings; mantels; replications. **Call for more information** 







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**Online data & links** for hundreds of of products & services for restoration, renovation and historically inspired new construction for civic & commercial projects.



Coppa Woodworking offers more than 165 screen door styles manufactured in pine, Douglas fir, oak, mahogany, cedar and redwood.

# **Coppa Woodworking** 310-548-4142; Fax: 310-548-6740 www.coppawoodworking.com San Pedro, CA 90731

Manufacturer of wood screen & storm doors: more than 300 styles; custom sizes, several wood types & multiple finishes; arch tops, dog doors, wood window screens & storm windows. Click on No. 9600



This elegant exterior entry was fabricated by Driwood.

# **Driwood Moulding Company** 888-245-9663; Fax: 843-669-4874 www.driwood.com

Florence, SC 29503

Stock and custom room interiors for residential and commercial projects. Embossed moldings, raised-panel doors, mantels, bookcases, exterior and interior door surrounds, pre-fabricated raisedpanel wall sections. Click on No. 1756



These Traditional OM Series Shutter Knobs from E.R. Butler's W.C. Vaughan Co. Collection are available in 1 1/4 inch sizes (Nominal) for Surface Mounting. Solid Turned Brass Knob.Standard, Custom Plated and Patinated Finishes Available.



This hand-forged, iron Fox Door Pull (also available in thumb latch), from Heritage Metalworks, shows off exquisite detail.



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

# E.R. Butler & Co. 212-925-3565; Fax: 212-925-3305

www.erbutler.com New York, NY 10012 Manufacturer of Early American door, window & furniture hardware: 19th-century shell-shanked

crystal, porcelain & wood trimmings; brass, bronze, nickel-silver & wrought iron; custom-plated & -patinated finishes; restoration work. Click on No. 2260

# **Heritage Metalworks** 610-518-3999; Fax: 610-518-7264 www.heritage-metalworks.com Downingtown, PA 19335

Atelier of skilled blacksmiths & craftsmen: exclusively to trade; lighting, hardware, gates & railings; custom & signature lines available in iron, brass, bronze, copper, nickel, zinc & stainless steel. Click on No. 1742

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

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





**Indow's** custom designed interior storm windows can be made to fit any size and configuration.

#### Indow 503-284-2260; Fax: 503-284-2261 www.indowwindows.com Portland, OR 97227

Manufacturer of handcrafted acrylic interior storms: edged in Compression Tube that press into place without a track or magnetic system to preserve historic windows while creating comfort, energy efficiency, savings & noise reduction; lasermeasured for out-of-square openings; for residential & commercial projects.



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** 



The John Wright Company makes these Cast iron Scroll Shutter Dogs, WeatherWright<sup>™</sup> Coated. Dogs (tiebacks or holdbacks) hold shutters open.

# 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 shutter and window hardware; for fine renovation & quality new construction; since 1880.



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

# 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



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

### Parrett Windows & Doors 800-541-9527; Fax: 877-238-2452 www.parrettwindows.com Dorchester, WI 54425

Nationwide manufacturer of custom wood & aluminum-clad windows & doors: durable products built to specification; period specific, historic replication or standard profiles & designs. 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

# Pella Windows and Doors 641-621-6272; Fax: 641-621-3466 www.pella.com

Pella, IA 50219 Manufacturer of windows & doors: wood, aluminum-clad wood, fiberglass, & vinyl; variety of wood types; renovation & new construction; experience on National Park Service projects; standard and custom sizes, shapes, colors, styles, muntin patterns, and exterior casings/brickmolds; many glass and hardware options; high transparency screens, wide variety of installation systems, local representation & service. Click on No. 1575



Pella's new Architect Series Reserve windows were used for this project by LDa Architecture & Interiors. (Photo: Michael J Lee Photography)



Phelps Company provides sash pulleys, sash chain and other hardware to many of the high end custom window manufacturers in North America. All of the hardware they manufacture is kept in stock in five different finishes for quick shipment.

# Phelps Company 603-336-6213; Fax: 603-336-6085 www.phelpscompany.com Hinsdale, NH 03451

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



**Shuttercraft** supplied and installed these shutters with a sailboat cutout.

# 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 & 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



**Timberlane** produced 10 fixed-louver custom exterior shutters and hardware for the 2015 Southern Living Idea House in Charlottesville, VA.

Timberlane, Inc. 215-616-0600; Fax: 215-616-0749 www.timberlane.com Montgomeryville, PA 18936

Custom manufacturer of handcrafted custom exterior shutters: maintenance-free Endurian, Premium Wood, Advantage & Fundamentals lines; western red cedar & Honduras mahogany; selection of period-accurate exterior shutter hardware; historically accurate standard designs.



This old-fashioned screen and storm door is available from **Vintage Doors**.

Vintage Doors 800-787-2001; Fax: 315-324-6531 www.vintagedoors.com Hammond, NY 13646

Custom manufacturer of authentic solid wood doors: handcrafted by expert craftsmen in any design, size & shape; entrance doors; interior doors; Dutch doors; screen & storm doors; threeseason porch panels; pet doors & gates; garden gates & much more; proudly made in USA; nationwide delivery. Click on No. 1727

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# PERIOD GARAGES & PERIOD GARAGE DOORS



This western red cedar garage door from **Amarr Garage Doors** was mounted on a 2-in.-thick steel door.

Amarr Garage Doors 800-503-DOOR www.amarr.com Lawrence, KS 66046 Manufacturer of sectional garage doors: Classica Collection steel carriage house doors & custom wood Biltmore Estate For Your Home doors.

Carriage House Door Company 866-890-1776; Fax: 916-446-7783 www.carriagedoor.com Sacramento, CA 95838 Custom fabricator of wood & steel garage doors

in traditional styles: decorative garage-door hardware.



**Designer Doors** hand crafted the custom garage doors for this Victorian home.

## Designer Doors 800-241-0525; Fax: 715-426-4999 www.designerdoors.com River Falls, WI 54022

Manufacturer of handcrafted garage doors & complementary entryways, walk-through doors, shutters & garden gates: western red cedar, mahogany & other species; specialty glass, decorative hardware, metals, stone & other materials; each project is built to the company's Architectural Harmony™ standards.



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

Evergreen Carriage Doors, LLC 800-654-0750; Fax: 253-857-4101 www.evergreencarriagedoors.com Stevensville, MT 59870 Manufacturer of out-swing garage doors, carriagehouse doors & matching wood entry doors.



Shown here is from the collection "Roaring Twenties" RT12-A Yonkers with V grooves and a 16 lite traditional arched top. Unfinished Versatex with decorative handles, no finishing necessary available from **Fimbel Architectural Door Specialties**.

#### Fimbel Architectural Door Specialties 908-534-1732; Fax: 908-534-9259 www.fimbelads.com Whitebeaue N L 00999

# Whitehouse, NJ 08888

Manufacturer of garage & carriage-house doors: odd heights and widths in 1-inch increments, extensive standard color palette and custom finishing, commercial and residential sizes are all available. Almost unlimited customization capabilities in regard to design in most models. **Click on No. 1634** 



This garage door was fabricated by **Hahn's** Woodworking in western red cedar.

### 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: historic restorations, custom interior & exterior doors.

### Holmes Garage Door 800-557-0488; Fax: 253-939-8508 www.holmesgaragedoor.com Troy, OH 45373

Complete line of standard or custom handcrafted wood garage doors; can meet most any architectural need, including historic-preservation projects; 'Carriage House' line look like swing type doors but have sectional operation.

When contacting these companies, please mention that you saw them in **Period Homes** magazine.



These Arts and Crafts carriage doors were manufcatured by the **Real Carriage Door Company.** 

## Real Carriage Door Company 800-694-5977; Fax: 253-857-9295 www.realcarriagedoors.com Gig Harbor, WA 98329

Custom fabricator of traditionally styled garage doors: out-swing & sliding; Craftsman Traditional, Classic, Studio & Green lines; entry doors to match; Pacific Northwest wood.

# Windsor Door 501-753-1537; Fax: 501-221-3368 www.windsordoor.com Little Rock, AR 72209

Manufacturer for over 50 years of steel & customcrafted wood garage doors: insulated & non-insulated steel doors; sectional overhead operating; garage door operators.

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# PORCHES, DECKS & DECK PARTS



Aeratis solid PVC tongue-and-groove porch flooring was chosen for this home due to its durability and ability to hold paint colors and still maintain its warranty—and it is the only product that maintains its warranty when installed in a waterproof application

#### Aeratis Porch Products 888-676-2683; Fax: 480-907-1124 www.aeratis.com Chandler, AZ 85248

Aeratis Traditions solid PVC tongue-and-groove porch flooring is a paint ready alternative to wood decking. The flooring is highly durable and has the ability to hold paint colors as dark as black and still maintain its warranty—and it is the only product that maintains its warranty when installed in a waterproof application. Repainting cycles are typically every 7 to 10 years in high traffic areas. It is also warranted against expansion and contraction.



**AZEK** provided the trim for the porch of this residence in California.

# 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.



**Carlson's Barnwood** provided the wood for this home including the porch area.

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

Supplier of recycled barn-wood planks, re-milled antique flooring, dimensional lumber & timbers in various shades & types: cupolas, porch poles, siding, milled & barn lumber, flooring & paneling in pine & oak. **Century Porch Post** 

solid wood.

866-277-9997; 519-855-6330; Fax: 519-855-9693 www.centuryporchpost.com Hillsburgh, Ont., CANA, DA NOB 120 Custom fabricator & manufacturer of porch posts, Tuscun-styled columns, newel posts, railings in



Porch products are available from **HB&G** in polyurethane, FRP, pine and redwood.

# HB&G

800-264-4424; Fax: 334-566-4629 www.hbgcolumns.com

Troy, AL 36081 Manufacturer of PermaPorch system: load-bearing PermaCast columns, PermaWrap columns, grand

balustrade systems, PermaPorch & deck railings, load-bearing PermaPost porch posts, PermaCeiling & medallions.

### New England Woodturners 860-377-2321; Fax: Same as phone www.newenglandwoodturners.com Andover, CT 06232

Manufacturer of custom wood stair components: balusters & columns up to 16 ft.; Victorian porch posts, newel posts, large turnings, twists, reeding & fluting; any wood species; suitable for paint or stain.

### Nostalgic Porch Swings Co., LLC 717-209-7014; Fax: No fax www.nostalgicporchswings.com Lancaster, PA 17603 Manufacturer of historically styled porch swings;

handcrafted in western red cedar & stainless steel fasteners; a variety of sizes & finishes available.

Pagliacco Turning & Milling 415-488-4333; Fax: 415-488-9372 www.pagliacco.com Woodacre. CA 94973

Manufacturer of custom & stock wood turnings & millwork: columns, porch posts, balusters, newels, finials, brackets, railings & more; historic restoration & custom projects.

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Pagliacco offers custom and standard balusters, porch posts, newels and straight and curved railings.



Custom & reproduction wood turnings for exterior use are available from **Turnings Unlimited**.

### **Turnings Unlimited**

937-588-4050; Fax: 937-588-4051 www.turningsunlimited.com Latham, OH 45646 Manufacturer of porch & stair parts: balusters, newels & turnings; new & exact reproductions of any part, picture or design; fluted, spiral & rope designs.

#### Vintage Doors 800-787-2001; Fax: 315-324-6531 www.vintagedoors.com Hammond, NY 13646

Custom manufacturer of authentic solid wood doors: handcrafted by expert craftsmen in any design, size & shape; entrance doors; interior doors; Dutch doors; screen & storm doors; three-season porch panels; pet doors & gates; garden gates & much more; proudly made in USA; nationwide delivery. Click on No. 1727



This screened-in porch was supplied by Vixen Hill.

Vixen Hill - Porch Systems 800-423-2766; Fax: 610-286-0051 www.vixenhill.com Elverson, PA 19520 Supplier of modular cedar porch systems: interchangeable screens & optional storm glass; variety of architectural inserts.

# BENCHES & GARDEN FURNISHINGS



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

# Haddonstone (USA), Ltd. 719-948-4554; Fax: 719-948-4285 www.haddonstone.com Pueblo, C0 81001

U.S. 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 Vixtorian II Bench from **Herwig Lighting** is available in a 4' Overall Length w/ center support

# **Herwig Lighting**

800-643-9523; Fax: 779-968-6422 www.herwig.com Russellville, AR 72811 Custom manufacturer of handcrafted interior

& exterior lighting fixtures & more: castaluminum benches, bollards, fences, gates, plaques, signage, street clocks, posts to 14 ft. & columns; since 1908. Click on No. 9130

#### 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 & custom capabilities.

**Stone Forest** 

# 888-682-2987; Fax: 505-982-2712 www.stoneforest.com Santa Fe, NM 87501

Manufacturer, custom fabricator & distributor of handcrafted stone garden ornament: granite pavers, garden & wall fountains, planters, urns, benches, lanterns, stone tubs & rustic stone & copper sinks; carved natural stone.

# LANDSCAPE & GARDEN SPECIALTIES

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

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



Pavers and garden ornament are specialties of **Haddonstone**.

#### Haddonstone (USA), Ltd. 719-948-4554; Fax: 719-948-4285 www.haddonstone.com Pueblo. C0 81001

U.S. 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 garden sculpture was fabricated by **Randolph Rose**.

Randolph Rose Collection 800-462-5851; Fax: 914-423-2095 www.randolphrose.com Yonkers, NY 10701

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

Redwood Stone 216-464-0933; Fax: 216-464-1403 www.redwoodstone.com Beachwood, OH 44122

Supplier & importer of hand-carved-stone architectural elements: columns, capitals, balustrades, planters, follies, garden ornament, statuary & more.



This Gothic-style cloister wall manufactured by **Redwood Stone** can be used as a divider, screen or garden focal point.



This garden setting was created by **Romancing The Woods** using woods native to upstate New York.

Romancing The Woods, Inc. 845-246-6976 www.romancingthewoods.com Saugerties, NY 12477

Manufacturer of rustic wood furniture, stairs, railings, fencing, balusters, gates, garden & woodland structures, benches, ornamental bridges, summer houses, arbors, conservatories, porch parts, gazebos, pergolas & pavilions.



The Bedford is one of many pergolas available from **Trellis Structures**.

Trellis Structures 888-285-4624; Fax: 978-630-8725 www.trellisstructures.com

East Templeton, MA 01438 Designer & manufacturer of arbors, trellis, pergolas & garden furniture: western red cedar & mahogany; unique garden structures; ships anywhere in the U.S.

# Walpole Outdoors 800-343-6948 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. SEE OUR AD ON BACK COVER

KING ARCHITECTURAL METALS

800.542.2379 / KINGMETALS.COM

CLICK ON NO. 270



FENCES & GATES

This intricately forged garden gate was recreated from a 70-year-old photo by the skilled artisans at **Heritage Metalworks**.

# Heritage Metalworks 610-518-3999; Fax: 610-518-7264 www.heritage-metalworks.com

Downingtown, PA 19335 Atelier of skilled blacksmiths & craftsmen: exclusively to trade; lighting, hardware, gates & railings; custom & signature lines available in iron, brass, bronze, copper, nickel, zinc & stainless steel. Click on No. 1742

### 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. Click on No. 9130



This fence, constructed of tapered pickets, was forged by King Architectural Metals.

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

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

Click on No. 270



Perfection Fence created this custom fence for this pool area.

### Perfection Fence 800-537-2900; 781-837-3600; Fax: 781-834-1105 www.perfectionfence.com Marshfield, MA 02050

Manufacturer, custom fabricator, importer & professional installer of landscape & garden specialties: gazebos, pergolas, planters & urns; fencing, gates & gate hardware.



Evolution aluminum fencing from **Wayside** Fence is available in several styles.

Wayside Fence Co. 631-968-6828; Fax: 631-968-6928 www.waysidefence.com Bay Shore, NY 11706

Manufacturer of PVC & cedar fencing, gates, railings, arbors, lattice, pergolas, posts, caps & finials: supplier of gate hardware & operators; solar PVC post-cap, aluminum ornamental estate fence & more.



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.

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

www.wmcraft.com Tulsa, OK 74107

Designer, fabricator, finisher & installer of custom ornamental metalwork: serves a national market with stairs & railings, fencing, gates, lighting, grilles, entry doors, gazebos, balconies, site furnishings & more; all cast- & wrought-metal alloys, finishes & architectural styles: since 1940.



208 Shake & Shingle, Inc. 800-276-4122; Fax: 360-276-4290 www.208shakeandshingle.com Moclips, WA 98562

Manufacturer of western red cedar roofing & siding: historically accurate shakes & shingles; more than 30 years of experience.



Bear Creek Lumber supplied the select knotty, tongue-and-groove Port Orford cedar for this building.

### 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: handsplit, machine-cut & fancy-cut butt fire- & rotretardant-treated shakes & shingles; quartersawn clapboard & siding; post & beam.



Handy Panels from **Cedar Valley** are handcrafted with kiln-dried western red cedar shingles mounted over an integrated fiberglass moisture barrier onto plywood backing.

#### Cedar Valley Mfg. 800-521-9523; Fax: 831-636-9035 www.cedar-valley.com Hollister. CA 95023

Producer of premium-grade architectural cedar shingle siding panels: in exposures of 4, 5 or 7 in.; straight or staggered butt lines; custom matching



**Liberty Cedar** custom cut these fancy-butt designer shingles to produce this unique design.

#### of shapes & styles available. Liberty Cedar 800-882-3327; 401-789-6626; Fax: 401-789-0320 www.libertycedar.com W. Kingston, RI 02892

Supplier of decay-resistant wood roofing & siding: tapersawn, hand-split & resawn shakes; many patterns; custom runs; western red & Alaska yellow cedar, redwood, Douglas fir & mahogany; historical projects.



Nichiha's ½-in.-thick fiber-cement shakes create shadow lines similar to traditional wood siding.

Nichiha Fiber Cement 866-424-4421; Fax: 770-805-9467 www.nichiha.com Norcross, GA 30092 Manufacturer of 1/2-in.-thick fiber-cement siding that replicates brick, sandstone, stone, shakes & clapboard.

NuCedar Mills, Inc. 413-593-8883; Fax: 413-593-8955 www.nucedar.com

# Chicopee, MA 01022

Manufacturer of cellular PVC cladding products that replicate the look of cedar: siding, trimboard, molding & architectural components; Smooth, CedarGrain & RoughSawn finishes; 22 standard & 1,400 custom color combinations.



The Wood Factory provided the posts, spindles, newels, railings, gable details and appliqués for this residence in Houston, TX.

### The Wood Factory 936-825-7233; Fax: 936-825-1791

www.period-homes.com/brochure/woodfc.htm Navasota, TX 77868

Manufacturer of historically correct Victorian millwork: interior & exterior doors & stair parts; screen doors, porch posts, newel posts, rails, balustrades, brackets, capitals, custom mantels, siding & gazebos.

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.



# FOUNTAINS & WATER FEATURES



Architectural Pottery created this handmade Italian terra-cotta wall fountain.

## Architectural Pottery 888-ARCH-POT; 714-895-3359; Fax: 714-898-5109 www.archpot.com

Midway City, CA 92655 Importer of Italian hand-carved sandstone & English-style cast stone: handmade Italian & Greek pottery; garden sculpture, planters & urns, fountains & benches; fiber-crete (FGRC).



This lion fountain was carved in Indiana and Wisconsin limestone by **Walter Arnold**.

Arnold, Walter S. - Sculptor 847-568-1188; Fax: No fax www.stonecarver.com Elgin, IL 60120

Italian-trained carver & sculptor: fountains, fireplaces, gargoyles & other architectural ornament & sculpture; limestone & marble; interior & exterior; wood- & gas-burning fireplaces; carved-stone. limestone & marble mantels



Atlantic Fountains added the water features to this garden.

#### Atlantic Fountains, LLC 860-669-1188; Fax: 860-669-4488 www.atlanticfountains.com Woodbridge. CT 06525

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



Napoli fountain and temple fabricated by **Haddonstone**.

#### Haddonstone (USA), Ltd. 719-948-4554; Fax: 719-948-4285 www.haddonstone.com Pueblo, C0 81001

U.S. 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 charm of floating lilies enhances this water garden by **Ponds2Go.com**.

### Ponds2go.com

877-752-0889; 856-719-6900; Fax: 856-719-2083 www.ponds2go.com

# Barrington, NJ 08007

Supplier of pond products: complete pond kits, filtration, fountains, liners & tubs, plumbing supplies, pumps, replacement parts & waterfalls; books & contractor information.

### Schiff Architectural Detail, LLC 617-887-0202; Fax: 617-887-0127 www.schiffarchitecturaldetail.com Chelsea, MA 02150

Foundry, forge & fabrication shop: custom castings & non-ferrous forge work; rubber molding & pattern work; custom bowl fountains, lanterns, lampposts, benches, pipe-&-ball fencing, plaques, urns, gazebos & arbors; restoration work.



The American Marsh fountain is 4x8x2 ft. and was custom fabricated by **Schiff Architectural Detail** in wrought iron, bronze and copper.

# Stonesculpt

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

Sculptor: fountains, stone signs, garden & landscape ornament; traditional styles; stone & marble; custom work.

Sundance Water Design 505-326-7177; Fax: 505-326-7100 www.sundancewaterdesign.com

# Farmington, NM 87401

Maker of pre-engineered, self-contained automated fountains; specialist in computer-controlled water effects, including bursting droplets, leap jets, hop iets, and drop iets.

#### The Arbor

205-251-0203; Fax: 205-328-1311 www.elegantearthatthearbor.com Birmingham, AL 35222

Supplier of landscape fixtures & fountains: garden, wall, floating, pool & geyser fountains; cast bronze, aluminum & stone; cascades & waterfalls; water gardens & supplies; water-control devices; benches & more.



The Acanthus Leaf Fountain, model #374 from **The Brookfield Co.**, is hand-cast in weather-durable fiber-reinforced concrete; it measures 48 in. in dia. and is 37 in. tall.

# The Brookfield Co. 706-375-8530; Fax: 706-375-8531 www.thebrookfieldco.com Ringgold, GA 30736

Designer & manufacturer of more than 50 styles of planters & urns: designed by owner/artist; cast of fiber-reinforced concrete; various colors & finishes; garden sculpture & ornament; fountains, birdbaths, decorative accents & more.

### Vertex Water Features 844-432-4303; Fax: 954-426-4854 www.vertexwaterfeatures.com Pompano Beach, FL 33069

Custom manufacturer of submersible turbine-powered floating fountains from 1-60 hp., with heights up to 100 ft.; single streams of water to multi-head displays. Systems come with UL-listed controls and underwater lighting packages.

# **PLANTERS & URNS**

English Garden Furniture & Lighting Fixture Co 415-492-1051; Fax: 415-492-9705 www.englishgardenfurniture.com San Rafael, CA 94903

Manufacturer of European- & contemporarystyle garden furniture & lighting fixtures: benches, side tables, chaise lounges, dining sets & planters & urns in cast aluminum.



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

# Haddonstone (USA), Ltd. 719-948-4554; Fax: 719-948-4285 www.haddonstone.com Pueblo, C0 81001

U.S. 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 18-in. urn, based on a Frank Lloyd Wright design, is manufactured by **Historical Arts & Casting.** 

# 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.



Kenneth Lynch & Sons manufactures planters in cast stone, lead and bronze.

Kenneth Lynch & Sons, Inc. 203-264-2831; Fax: 203-264-2833 www.klynchandsons.com Oxford, CT 06478

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



This garden urn is available from New England Garden Ornaments.

# 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.

#### 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.



Egg-and-dart detailing on the bowls of these formal Roman urns from **Robinson Iron** is complemented by traditional, ornamental laurel wreaths on the bases.



The design of the Orcio a Becco is based on a fifth-century urn; this handmade terra-cotta urn is imported from Impruneta, Italy, by **Tuscan Imports.** 

# 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 handpainted volcanic-rock tables.

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Since 1932, Ball and Ball has set the standard for the finest reproduction and restoration of 18th Century through Victorian Era antique hardware and lighting. Meticulously crafted period house and furniture hardware, fireplace accessories, sconces, chandeliers, lanterns and candlestands are all made on the premises in brass, tin, copper, pewter, hand-forged iron, and bronze. Choose from over 2,500 established designs, or have a piece custom designed and created just for you.



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Designed by Mark Finlay Architects and fabricated

by Deep Landing Workshop, the model L-9800

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.

stands 29-in. tall and projects 19 in. from the wall.

**Authentic Designs** 

West Rupert, VT 05776

Click on No. 60

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

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This Early American post-mounted exterior light fixture was hand crafted by **Authentic Designs**.

# **EXTERIOR LIGHTING**

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

Manufacturer of historical lighting fixtures: lanterns, sconces, chandeliers & pendants; porch & gas lighting; brass, tin, copper, pewter, iron & bronze; restoration & refitting; stock & custom. **Click on No. 7660** 

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

Heritage Metalworks 610-518-3999; Fax: 610-518-7264 www.heritage-metalworks.com Downingtown, PA 19335 Atelier of skilled blacksmiths & craftem

Atelier of skilled blacksmiths & craftsmen: exclusively to trade; lighting, hardware, gates & railings; custom & signature lines available in iron, brass, bronze, copper, nickel, zinc & stainless steel. **Click on No. 1742** 



This English Gas Lantern shown with a bronzed copper finish and standard pendant cluster reflects the craftsmanship of the Scofield collection by **Heritage Metalworks** (photo by Jody Doyle).

#### 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. Click on No. 9130

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The artisans at **Herwig** handcrafted this traditionally styled exterior lantern.

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

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

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This Cape Cod flush ceiling light with clear seedy glass is available from **House of Antique Hardware**, it features solid brass construction, authentic aged patina and is CUL Listed for damp locations

# 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 & electric available; French, Tuscan, Spanish Revival, Tudor, contemporary, antique reproduction & more. Click on No. 267

### Lanternland

#### 855-454-5200; Fax: 480-962-1997 www.lanternland.com Mesa, AZ 85210

Full line of rustic handmade copper and brass outdoor and indoor lighting. Styles include Colonial, Colonial Revival, New-Classical, Greek Revival, Cape Cod, Bungalow, Mission, Arts & Crafts and more. Custom orders and reproductions a specialty. Popular custom options custom sizes including large and oversize fixtures, custom back plates and mounting solutions, custom sockets, gas lights, low voltage wiring and modification to meet 'dark sky' regulations.

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electric and gas lighting for residential and commercial applications.



The Jackson Wall Light with bracket and scroll is a handmade outdoor lighting fixture made iof solid copper and brass by **Lanternland**.

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# EXTERIOR PAINTS & FINISHES

# Benjamin Moore & Co. 800-344-0400; Fax: 201-474-1117 www.benjaminmoore.com Montvale, NJ 07645

Supplier of Eco-Spec low-VOC, 100% acrylic, interior latex paint: available in primer/ sealer, flat, eggshell & semi-gloss.

### **Fine Paints of Europe** 800-332-1556; Fax: 802-457-3984 www.finepaintsofeurope.com Woodstock, VT 05091

Importer & distributor of oil-based paints from Holland: full line of finishes ranging from matte wall & ceiling paint to brilliant gloss enamel; custom tinting



Kremer Pigments manufactures pigments from natural materials, which are used to create a wide range of historically authentic paints and finishes.

# Kremer Pigments, Inc. 800-995-5501; Fax: 212-219-2395 www.kremerpigments.com New York, NY 10001

Importer & distributor of plaster, glue & more than 500 natural & manufactured pigments: Venetian plaster & colorants; wax products & lime washes.



Painting in Partnership assists in matching historically accurate colors.

#### **Painting in Partnership** 847-934-8885; Fax: 847-934-8157 www.paintpartner.com Palatine, IL 60067

Painting contractors: decorative painting, wallpapering, custom painting & concrete finishing; interior & exterior; gilding, graining/ marbelizing, stencils/stenciling, faux finishes & glazing, Venetian plaster & more.

Sherwin-Williams Co. 800-524-5979; 216-566-2505;

Fax: 216-566-1832 www.sherwin-williams.com Cleveland, OH 44115

Exterior-color Preservation Palette includes 64 colors; Interior Preservation Palette includes 80 colors. Palette includes the Roycroft Arts & Crafts Palette.



Felber Ornamental Plastering Corp. supplied the mold for this bracket.

## Felber Ornamental Plastering Corp. 800-392-6896; 610-275-4713; Fax: 610-275-6636 www.felher.net Parkesburg, PA 19365

Creators and manufacturers of interior and exterior molded ornament: capitals, cornices, friezes, niches, keystones, rosettes, coffers, domes & medallions; custom mantels; plaster, gypsum & GRG; GFRC, signage, plaques, sculptors, model makers & casters on staff; stock & custom

### Fischer & Jirouch Co. 216-361-3840; Fax: 216-361-0650 www.fischerandjirouch.com Cleveland, OH 44103

Manufacturer of handcrafted architectural ornament: mantels, cornice moldings, door & window surrounds, ornamental ceilings, ceiling medallions, niches, domes, brackets & corbels; casting & PC plaster; interior & exterior columns.



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

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.

### **Goodwin Associates** 585-248-3320 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.



Architectural components from Haddonstone, including steps, risers and finials, create this contemporary landscape feature.

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

U.S. 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 custom cartouche, rosettes and foliate swag on this cornice ornament were fabricated by Warner Bros. Studio Facilities.

# Warner Bros. Studio Facilities 818-954-3000; Fax: 818-954-7829 www.wbsf.com Burbank, CA 91522

Custom fabricator of architectural ornament for interior & exterior applications: collection of thousands of historical molds; cornices, columns, capitals, mantels, door & window surrounds, ceiling medallions, brackets & signage.



Hand-carved architectural elements are one or the specialties of Frederick Wilbur.

# Wilbur, Frederick - Woodcarver 434-263-4827; Fax: No fax

www.frederickwilbur-woodcarver.com Lovingston, VA 22949 Manufacturer of traditional decorative interior & exterior carvings; furniture, mantels, moldings, brackets, friezes, capitals, rosettes & heraldry; original designs & historically accurate reproductions

# **STONE, BRICK** & MASONRY



Paving from Belden Brick was used to create this decorative nattern

# **Belden Brick Co., The** 330-456-0031; Fax: 330-456-2694 www.beldenbrick.com Canton, OH 44702

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



Boral Bricks supplies bricks, pavers and pavers in a variety of colors, styles and textures.

# **Boral Bricks, Inc.** 800-526-7255 www.boralbricks.com Roswell, GA 30076

Manufacturer of a wide range of commercial & residential face brick: exterior finish design choices, wood molds, pavers, special shapes, hand-molded brick, brick sculpture/murals & brickfinishing systems.



Gavin Historical Bricks supplied its reclaimed Bluestone Cobble for this driveway in Pittsburgh, PA.

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



info@HistoricalBricks.com www.HistoricalBricks.com



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Quoins are one of the many specialties available from **Haddonstone**.

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

U.S. 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

Meridian Brick 704-341-8750; Fax: 704-341-8735 www.forterrabrick.com Charlotte, NC 28226 Manufacturer of facing brick & clay pavers: 5 regional collections; 1,000 styles; concrete roof tile.

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

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

Click on No. 3130



Old Carolina Brick supplied the handmade brick for this walkway and wall.

Palmetto Brick Co. 800-922-4423 www.palmettobrick.com Wallace, SC 29596 Supplier of custom face brick: variety of shapes & applications.



Rumbled pavers from **Pine Hall Brick** are made of clay and are tumbled after firing to create an "old world" appearance.

Pine Hall Brick Co. 800-334-8689; Fax: 336-721-7517 www.pinehallbrick.com Winston Salem, NC 27105 Manufacturer of pavers, face brick, thin brick & special shapes: 40+ face-brick styles; 60+ clay-paver styles including Rumbled, CityCobble, permeable RainPave & StormPave; since 1922.





From balustrades, columns and porticos to pier caps, window surrounds and custom designs – our high specification cast stone designs provide affordable elegance to any project.

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Robert Benson Photography

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