# THE NEW GENTLEMAN'S FARM

LESSONS FROM AN ENGLISH GARDEN



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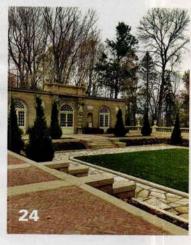


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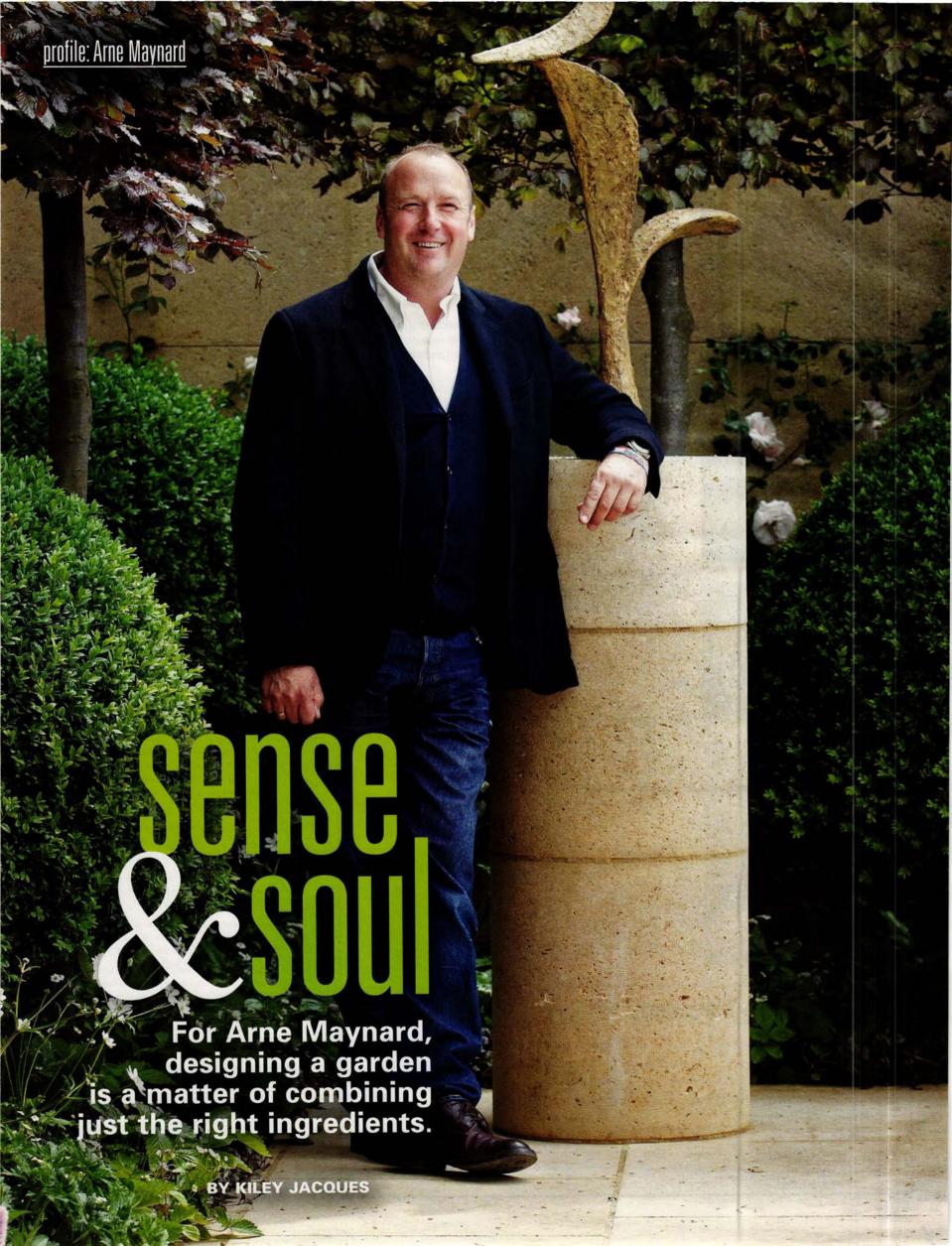
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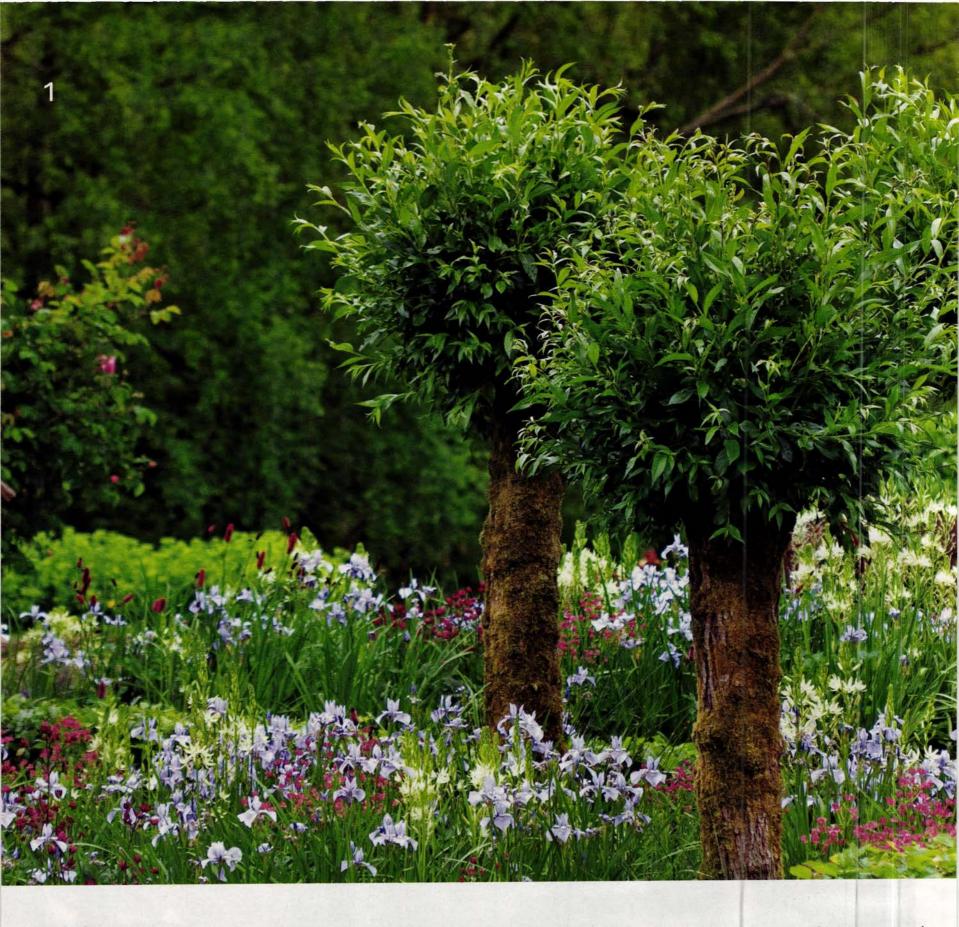
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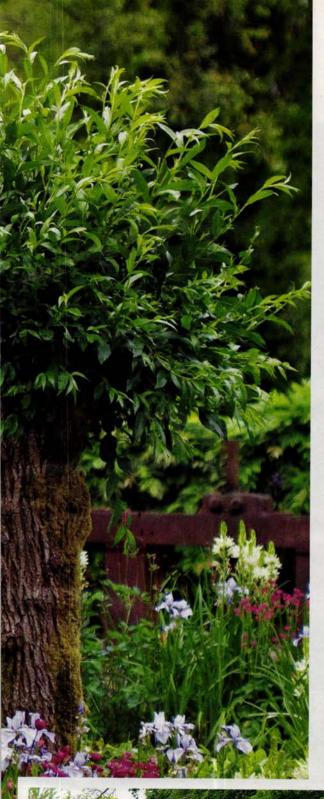
here's no difference between working in the States, in England, or in the Middle East," says award-winning garden designer Arne Maynard. "It's about using the right vernacular details and the appropriate plantings for the area—the design stems from that."

Maynard is first and foremost a gardener. While growing up, he spent a lot of time with his mother in her garden and often visited his godmother, who owned a large garden nearby. They instilled in him a love for sowing seeds and watching them grow—and grow they did. By 1990, he was helming a London—based garden design practice and working on a range of commissions—from small urban plots to sprawling country estates—both in the United Kingdom and abroad.

Over the years, Maynard has developed a reputation for employing certain design elements. His signature gardens use scale to great effect and are full of juxtapositions of old and new, hard and soft, trained and wild. Topiaries and pollarded and pleached trees create dramatic appeal and make large-scale punctuation points that anchor a garden much like hedges, but are infinitely more engaging and playful. "I see the trees as the main players in the garden—the sentinels at entrances or the characters of the main design," he says. A love of wild flowers and species bulbs is also evident in his work. Creating year-round interest is something he strives for as well. "I build strong architectural elements into my designs, which form the backbone of the garden and are most apparent over winter." Come summer, the garden loosens, giving way to its more feminine features.

A Maynard garden is one that appreciates and harmonizes with the onsite architectural elements. "Architecture and landscape design are inextricably linked," he says. "One cannot exist without the other." No matter the style of a building or the characteristics of its greater landscape, the garden must relate to both. To ensure this is the case, Maynard often works in tandem with architects, collaborating on their respective design ideas to form a cohesive whole.

To create paths, walls and perimeters, entrances, and areas of interest within a garden, Maynard employs vernacular materials crafted using traditional methods and techniques. Take stone, for example. Looking to any given region for cues, he'll determine what's commonly used in buildings and boundaries and use the same. "If brick is the prevalent material, we will use brick and we will try to source [it] from







- 1. Using traditional methods of pollarding, these willow trees provide the perfect focal point and a good sense of scale for this riverside garden. Pollarding forms an important part of traditional UK riverside management here it is reinterpreted for a garden setting, underplanted with cultivated varieties of water meadow plants including Iris siberica and Astrantia 'Roma'.
- 2. Using the stone found in the ground excavated to build the garden, this cobbled path leads effortlessly up to the new oak carved steps and gate. It is dressed down with loose wildflower plantings either side, breaking up the lines and welcoming visitors.
- 3. The loosely cloud-clipped yew hedging and box plants are combined with pleached crab apples and individual topiaries to create a contemporary knot garden, set within planting of wild native ox-eye daisies.



traditional craftspeople, using traditional methods to make modern materials." Additionally, Maynard himself, designs oak and painted-timber garden furniture and accessories, which are "based on simple, traditional shapes" and made by craftsmen at Haddon Hall in Derbyshire using English oak that's grown and aged on the estate. "It is important that we can tell the story of a garden, including the [handmade] elements we bring into a design," says Maynard. The same craftsmen make the posts and gates he is known to use.

"I also love working with bronze—it is an expensive material but one which sits so naturally within a garden setting," he notes. "Handcrafted bronze fixtures and fittings within a garden can add a subtle layer of elegance and quality." Likewise, sculpture figures into his gardens, in part, because of a fondness for the late Breon O'Casey's work.

Maynard has a great appreciation for a garden's "sense of place"—something that develops from careful planning and keen observation. "A sense of place is the soul of the garden," he says. "It is the intangible and harmonious atmosphere that stems from the perfect

balance between the house, garden, landscape, plants, and importantly, the dreams of the owners." Creating it, he says, requires patience. No matter the setting—rural or urban—Maynard spends quite a bit of time observing the environment, taking photos, and making sketches. "I must first establish a little history of the existing garden," he explains. "Many of my ideas are inspired by gardens of the past."

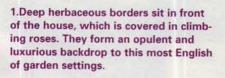
The designer-client relationship is one Maynard greatly respects. "I think it is important to remain in touch with clients and the projects, as so much [more] knowledge can be gained from watching a garden grow and develop over time." Maynard believes creating a garden that harmonizes with its landscape can only be achieved by knowing the plot and the area well. Therefore, he observes surrounding fields, houses, and architecture and talks with clients about their intentions for the garden. "They are involved every step of the way, and need to be," he says. "We want to know throughout the process that we are creating a garden they are going to love and enjoy." He notes that many clients have gardeners, but when it comes time

to set out plants—particularly in a kitchen gardenhe invites them to experience the act of planting.

Having started his design business over two decades ago, Maynard has worked with some clients for many years. One such client owns a large country estate in Derbyshire-Haddon Hall. Originally, he designed a garden for the family home, which sits on the property. Today, he is creating terraced gardens around the 12th-century main house. The smaller home once served as a games pavilion for the main estate but the client had updated the interior with contemporary furnishings. "Our design for the garden needed to reflect this shift towards a more contemporary style while retaining the authenticity of the original," notes Maynard. The solution was to plant a grid of copper beech cubes that give bold structure to the open space. For contrast, he chose a soft planting of herbaceous grasses and flowers. An indented lawn at the center is a subtle repeat of the pattern found in the terrace of the bowling green of the main hall. Against the house stand magnificent scented roses and a deep perennial border. To the back of the house, a natural-





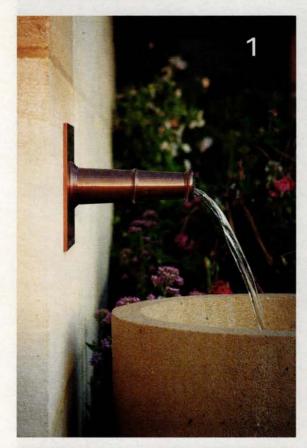


2. Contemporary grass borders feature copper beech cubes at each corner and sit perfectly beside the inset patterned lawn. The direction of the paths draws the eye out to the landscape beyond. cation and a collaborative process.



3. The plants used in the loose perennial borders give a very contemporary feel to this part of the garden and provide a relaxed juxtaposition to the formal lawn and clipped topiary.

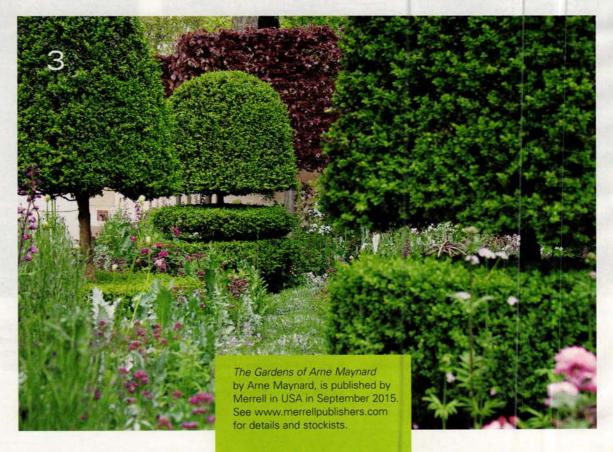
4. A mix of perennials is used including asters, astrantias, iris and several grasses.





- 1. A hand-crafted bronze spout gently allows water to flow into a stone-carved bowl. Both were commissioned for the Laurent-Perrier Bicentenary Garden Arne designed for the RHS Chelsea Flower Show 2012.
- 2. Detail of the meticulously hand-carved oak bench, designed and made by UK based sculptor Alison Crowther and chosen by Arne for the Laurent-Perrier Bicentenary Garden at RHS Chelsea Flower Show 2012.
- 3. Layered box topiary, a signature of Arne Maynard gardens, accentuate the soft, textured perennial planting in the Laurent-Perrier Bicentenary Garden at RHS Chelsea Flower Show 2012.





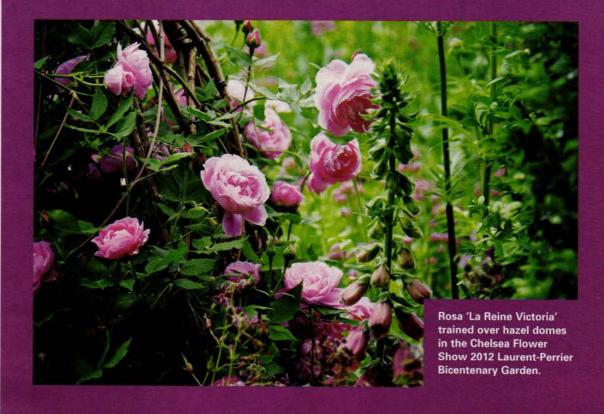
ABOVE: Pleached copper beech, set against a backdrop wall of pale Parisian limestone, provide the main structure in Arne's 2012 Chelsea Flower Show garden. The traditional Turkish hand-laid pebble path leads to the featured bronze Breon O'Casey sculpture and is lined by perennial planting, trained roses and more formal box topiaries.

# rose recommendations

s an English gardener, Maynard can speak authoritatively about roses. "It is really important to choose disease-resistant cultivars and to look for healthy, thriving plant stock," advises Maynard, who recommends Rosa 'Astra Desmond' for training up north-facing walls. Further suggestions include: Rosa 'Cecile Brunner,' a "lovely bush rose"; Rosa 'Madame Alfred Carriere," "a relaxed and highly scented cultivar;" Rosa 'La Reine Victoria;' and Rosa 'Paul's Himalayan Musk' used in combination with Rosa 'Mannington Mauve.' Additionally, he appreciates Rosa primula. "In the evening, its leaves give off an incredible incense perfume."

Further advice includes doing regular

checks for signs of disease. Fungal diseases like powdery mildew and black spot, in particular, spread quickly. Maynard suggests removing diseased or damaged leaves and stems and burning them. As all good gardeners know, plant health starts with the soil. "It's really important to ensure the growing medium is well fed, free draining, and incorporates plenty of organic matter," he says. "I am a huge fan of compost tea, which can be used to improve the soil before planting and during the growing season." Healthy and diverse beneficial organisms in the soil can help prevent plant diseases and build up resistance. "I would also advocate spraying the leaves with liquid seaweed to improve foliar health and create a barrier against fungal infection."



ized terraced amphitheater sown with a mixture of grasses and species bulbs makes for a dramatic display.

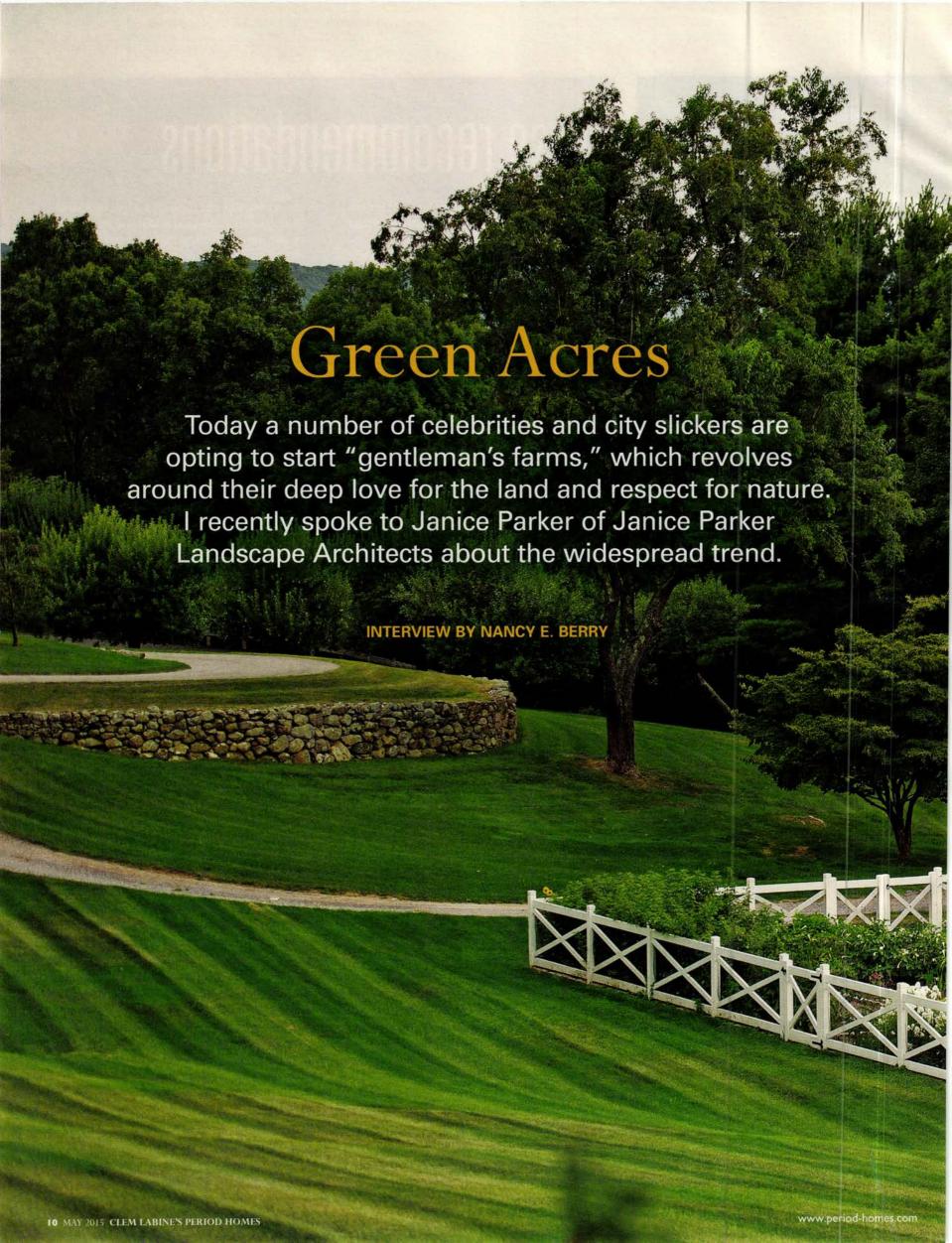
Furthermore, he has taken the house's history into account in his design, and has re-instated a natural dying garden with plants that would have been used for dying the silks found in the tapestries hanging in the Hall. Additionally, the knot garden features plants that would have been used in the original gardens laid out when the Hall was built. Maynard's hope is that by referencing these plants and styles in the contemporary design, Haddon Hall gives the impression of being fresh and exciting but always in view of its ancient history. Such is an Arne Maynard garden.

Noted for his incorporation of big broad bands of native grasses and perennial plantings, Maynard also seeks to create habitat for beneficial insects and pollinators. "We always try to include areas of long meadow grass in our designs and leave discrete wild areas of nettles for butterflies and predatory insects," he explains. He notes the importance of a property's aspect, climate, soil type, and land contours. "We must be aware of [these things]," he says, but we must also be mindful of the environment itself, and ensure the final design 'holds hands' with its landscape both aesthetically and sustainably."

For inspiration, Maynard turns to the late William Kent whom he credits with creating "a near-perfect garden" in Rousham, Oxfordshire—a classic example of the early landscape movement, remodeled by Kent in the early 18th century—and a place he returns to time and again. "[It's] proof that the fundamentals of good design don't change,"

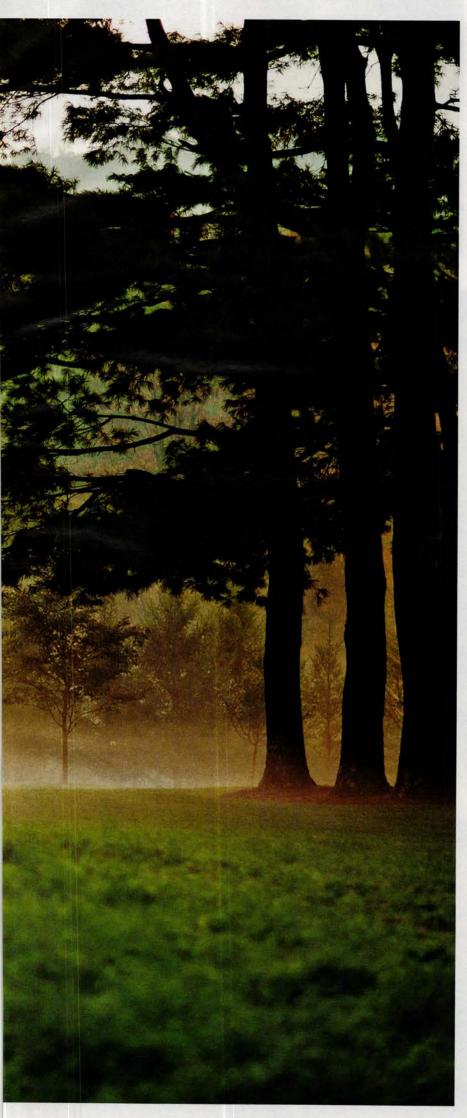
notes Maynard, who says Rousham is about simplicity and quality of design. "It is a big, grand garden, but every time I visit, I come away with something new that can be re-interpreted in even the smallest of gardens." From Rousham he has learned a limited palette of plants can produce a very powerful effect. Two or three species of trees, or 10 varieties of herbaceous plants in a border, can be more effective and elegant than a messy mixture.

On a more fundamental level, Maynard believes a garden has the power to unite people with their environment. "It allows them to appreciate the small wonders of nature," he says. "A garden provides the opportunity to shine a light on and magnify those wonders. And, of course, gardens have the power to calm, heal, inspire, and enthuse."









# NANCY BERRY: Why is the concept of the gentleman's farm trending today?

JANICE PARKER: There is a large grassroots understanding of how important it is to change the course of agribusiness and how important it is to resist the urge to change the natural course of things.

Gentleman's farms are a way for environmentally conscious individuals with a strong respect for the land to explore sustainable methods of farming. Focusing on natural and organic maintenance practices, protecting the land-scape from deer, and rebuilding natural habitats for native wildlife restores the land and creates an area of preservation to be enjoyed by future generations.

# NB: What are some important aspects you take into consideration when creating these rolling landscapes?

JP: One thing I have learned about land in 30 years is this: The strength of the land is its weakness, and the weakness of the land is its strength. I have observed that historical farmers "shaping" of the land was pragmatic, yet often resulted in a disciplined beauty. Our design intent is to honor that ideal and use graceful arcs and well-proportioned axial connections to create a blend of the indoor spaces and the larger outdoors-with a focused simplicity. After careful consideration of the client's intentions I like to use form and color liberally to create a pattern throughout the landscape, and then repeat the patterns in large and small ways. This can be done with plants, stone, water, metals, and wood-all natural landscape materials.

A walk through the landscape should be planned as a beautiful series of surprises that connect the whole—for rolling landscapes, it is especially important to include wildlife corridors that restore natural migration paths, and nesting areas. When this is working, you know the design intent was to make the landscape dance with true visual rhythm.

## NB: What are some of the greatest challenges in maintaining these landscapes?

JP: The Gentleman's farm is a longterm investment and requires the client to have a sincere desire to understand and nurture the land. These landscapes are not a low maintenance project and require the client and designer to fully understand and build with the land and long-term maintenance goals in mind.

# **NB:** What are some ways that you maintain these properties sustainably?

JP: Planning enduring landscapes is about creating beauty within the natural constraints of the site. This is done by having respect for the natural world. I have learned that if you respect and pay attention to the natural world, it will repay you in bountiful ways. Give nature respect and a chance to repair itself, and you have remarkable results.

We are constantly learning and examining new approaches to storm water management and drainage—both are key factors in the success of every project. Keeping water on the site in as many ways as possible is the goal and creates true sustainability. Best management practices for storm water management and drainage are being updated and then adapted to most town building and environmental codes, and rules and regulations. It is crucial for landscape architects to stay educated and aware of all environmental concerns, for long-term success and short term permitting processes.

## How important is the idea of organic gardening to your clients?

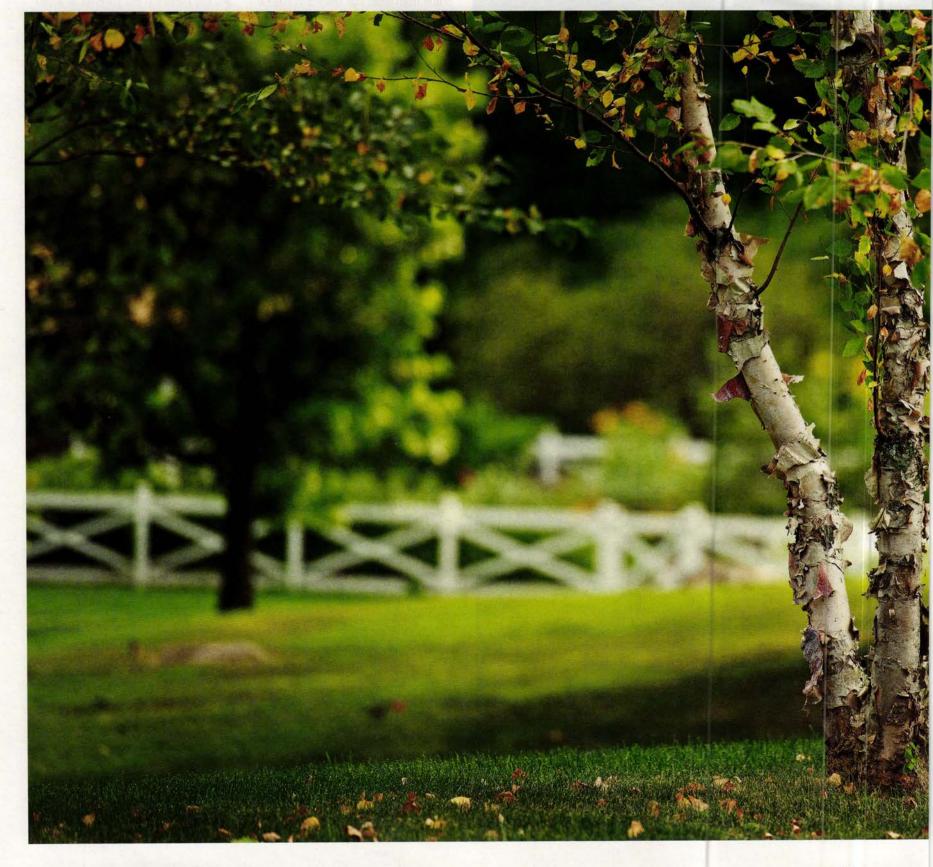
It is a serious responsibility to create with nature, and plan with organic and sustainable maintenance in mind, but one that becomes intuitive with true respect. Sustainable means the capacity to endure and we all want that-in our natural and built environments. Whether we are working on new homes, pools or renovations, the goal is to make the right choices, both aesthetically and functionally. This is why in all aspects of our design we work with nature to create an enhanced landscape that has true value for our client's intimate domestic lives as well as for the environment. It is a balancing act, and we very carefully consider the long and short-term impacts of our design and the maintenance on the environment.

# Do your clients end up digging in the dirt—working in their own vegetable gardens and fields?

At times they do, but it depends on the client and their specific tastes. That being said, nobody can resist gathering fresh herbs for their evening meal or clipping some mint for their cocktails. My clients take great joy and pride in the vegetables that their gardens produce—especially their tomatoes!







FAR LEFT: Vegetable gardens are ubiquitous on a gentleman's farm. Parker is a master at creating structure and order in the garden.

LEFT: Heirloom apple orchards are a popular addition to the modern day gentleman's farm.

BELOW: Texture and color delight in Parker's landscapes.

RIGHT: A deep love of nature and the land bring homeowners to try their hand at owning a farm.

BELOW, RIGHT: Sunflowers add a burst of color to this late summer garden. ne admitted in the school's history.











# Perfect Porches

When designing a period appropriate porch, it's best to start with the supporting cast—columns, posts, pedestals, and piers.

#### BY GORDON BOCK

rom columns and posts to pedestals and piers, supports are the essence of porches. Besides bearing the roof, supports establish the limits and architecture of these half-indoor, half-outdoor spaces, not only with their designs, but also often with their materials, both traditional and modern.

#### CONTEMPORARY COMBINATIONS

Since the stone of ancient Greco-Roman temples, classical columns have been reincarnated in new materials—from wood and masonry to cast metals and synthetics—in an ongoing quest to make them more authentic, adaptable, or practical. "We offer columns in eight different materials," says Mel Fuller of Melton Classics, Inc. in Lawrenceville, Georgia. "Which one a customer chooses really depends upon their needs and the application." Fuller says his most popular product is a polymer resin and marble com-

posite that includes fiberglass as minor component. "It comes in a full array of classical designs, plain and fluted," he says, "and diameters from 6 in. all the way up to 24 in. and 24-ft. tall, so it covers most applications for residential." For even larger columns Fuller makes a fiberglass product with a thinner wall that is still load-bearing, but can also be employed as a cover around steel. "It's much simpler to handle on a residential job site because you don't require a big crane to set the column."

Fuller notes he also can supply a call for a-historical piers and pedestals of the type used on bungalows and other early 20th-century porches. "We do a lot of these not only for Arts & Crafts and Craftsman-style houses, but for commercial applications too where they're looking for something contemporary," he says. Since his company sets up for each particular order, using cellular PVC board, they can fabricate piers and pedestals that are tapered, non-tapered, plain,

or with raised panels and recessed panels, "essentially anything you desire."

For a house that's stone or stucco, an alternative may be to add porch materials that look and feel more like stone. "We have a synthetic marble that is sandblasted to give it a stone-like texture, with an integral color, so it doesn't ever have to be painted." Railings too can be had in a pre-finished synthetic marble system, which, it turns out, is more than just a porch decision. "If you've got a house that's stone or stucco, there's very little paint going on," he says, "so you don't want to add paint." Conversely, he explains, if the house and porch will be painted, then it doesn't make sense to pay for pre-finished porch products. "The likelihood the pre-finished coloration will exactly match what you've got is slim, so you would choose a material that works better with painted millwork."

Depending upon the house, the porch may also







FAR LEFT: The MeltonCraft CPVC columns are crafted from cellular PVC and come in L sections for easy assembly around structural supports.

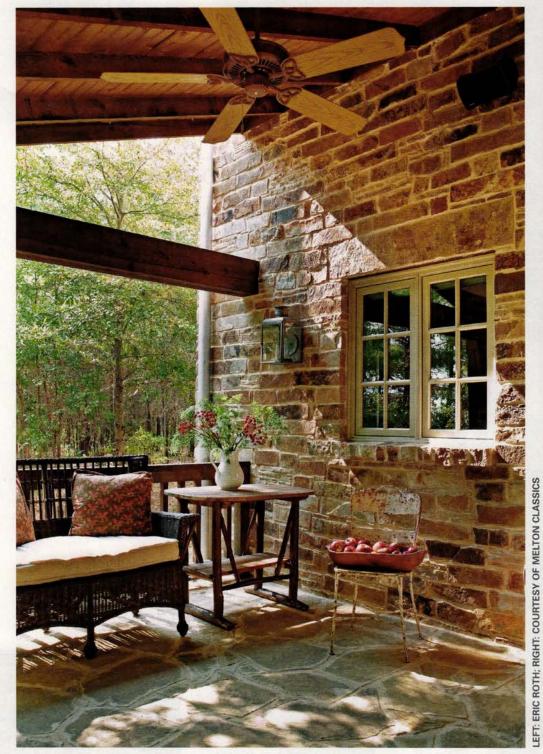
MIDDLE: Coastal environments can wreak havoc on porch components. Consider synthetic materials that can withstand the elements.

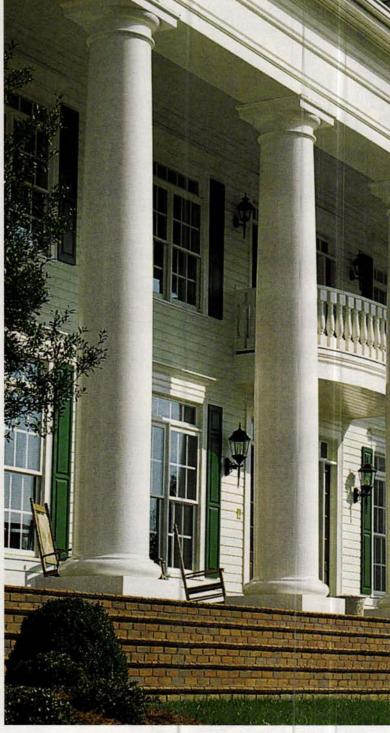
ABOVE: Square paneled pedestals by Melton Classics support simple square posts on this porch.

LEFT: Chadsworth Columns has perfected the classic column profile.









have a balustrade running between the supports, and for safety as well as durability, the railings must be well secured. "Our balustrade systems generally attach with an L-bracket to either a column shaft, a column pier, or a newel post," says Fuller. Heights and positioning are not only a matter of local building codes, but also the design of the supports. "If you're dealing with an 8 in. classical column, you can run the bottom rail right over the top of the base, because that will still leave you with a 4 in. clearance off the porch deck," he explains. "But if you've got a 10 in. or 12 in. column, normally, you'd run the rail right on top of the plinth block, and just notch the torus – the round part of the base – to receive the rail." Fuller says he does balustrading in several different materials. "We can not only do straight rails but radius rails, in several different sizes and shapes, and balusters from  $1\frac{3}{4}$  in. to  $6\frac{3}{4}$  in. in diameter."

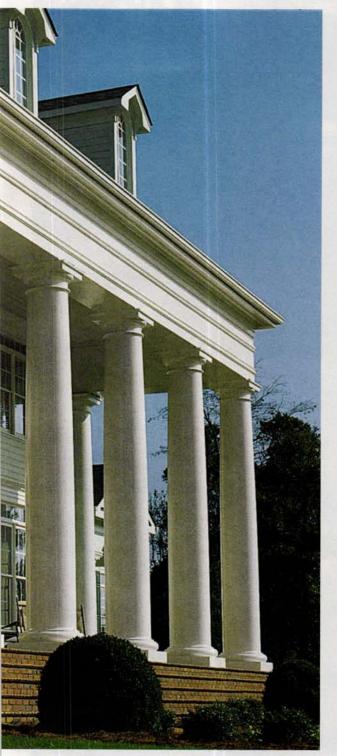
#### VICTORIAN VARIETY

During the heyday of the Industrial Revolution in the late 19th century porches became showcases of elaborate decorative wooden ornament, and while they might feature classical columns, the hallmark of the Victorian porch was often wood posts turned and decorated in patterns inspired by Gothic or Eastlake design motifs. "We sell a lot of porch products to people who are not specifically interested in Victorian architecture," says Gregory Tatsch of Vintage Woodworks in Quinlan, Texas. "What they want is something that speaks to tradition and nostal-gia, but is not necessarily in a style that can be immediately identified."

Tatsch says his company prides themselves on offering many different configurations of turned porch posts—not only in different styles and materials, but also within a given post. "The choices are not just an 8-ft., 9-ft., or 10-ft. height, but also whether

it should have a deep top and not so much bottom, or kind of balanced between the two." However, this wealth of options comes with a caveat. "Well before ordering posts, someone needs to have worked out a pretty good concept for the porch," advises Tatsch. Most Victorian-style porches include a handrail and often a top decoration, such as a spindlework frieze or brackets, he says, and if the client doesn't plan ahead, or simply resorts to very generic post from a big-box store, they can face surprises later. "The unturned flat at the top of the post may not accommodate what's chosen to put up there," he says, "or the turning at the bottom may be way too high for the hand rail, or there's huge, unturned section that makes the post look unbalanced."

When it comes to installation, Tatsch notes that anything decorative needs to be pre-painted before it's installed—especially wood posts. "Take an unfinished post, nail it up for weeks or months of porch







FAR LEFT: Simple railings and beam adorn this Texas house.

MIDDLE: A series of Doric columns by Melton Classics create an impressive array across the from if this classically styled home.

LEFT & ABOVE: Vintage woodworks recreates Victorian era porch parts such as these decorative posts and railings.

construction, and you've violated two major rules. First, you're exposing bare wood to changes in moisture and - much more damaging - direct sunlight." As he explains, unprotected wood will absorb ambient moisture that can lead to premature stresses. "We want to see posts pre-painted with a good oil-base primer - especially the end-grain at bottoms, tops, and along turnings, which is several times more likely to wick up moisture - and preferably two finish coats." The second rule violation, he says, is putting finished posts up early in construction. "Just because you have a roof to hold up doesn't mean you should grab the finished posts because, guaranteed, they are going to get nicked up before the job is done." Instead, he says the construction crew needs to substitute temporary supports, such as doubled-up 2x4s that can be swapped out by jacking the roof just enough to relieve the load. "One of the last steps in constructing a porch should be

installing pre-finished posts and then hanging prepainted balustrades and trim."

Tatsch offers posts in several wood and materials options. "Hemlock, generally speaking, is less expensive for a given post than other options, but it is also less weather-resistant." Cedar, of course, is naturally rot-resistant. He adds that the only kinds of synthetic posts they offer are those that are visually indistinguishable from wood. In fact most of the synthetic material posts will carry a higher load than natural wood posts because they incorporate either an engineered heartwood interior or a steel column. Post installation depends upon the material, detailed in the company's literature, Tatsch says, "but the main thing is to elevate the post off the deck surface because of the natural tendency of end-grain to wick up moisture. If a porch post fails, it's almost always due to rot coming up from the bottom."The company generally recommends that balustrade railings be attached with L-brackets and lag screws. "We like to see spandrels and brackets pre-drilled, and then installed with corrosion-resistant screws."

#### CLASSICAL CASTINGS

Perfected in England by the 1820s as an alternative to natural stone, cast stone (also called artificial stone) is often described as refined architectural concrete that is cast into building components, often in proprietary ways. "In the United Kingdom, naturally, cast-stone columns are very in-keeping with traditional, brick Georgian properties," says David West of Haddonstone Ltd. in Pueblo, Colorado. Indeed, as the model for early high-style classical houses and the later Colonial Revival movement, the Georgian Style has been an almost unbroken design influence on American porches. "We pay great attention to detail in order for our columns to have classically correct proportions, which we've taken from European



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OPPOSITE. In the latter part of the 19th century, several cottages were built Martha's Vineyard Oak Bluffs as a summer camp cottage. The houses defined the architecture of the area.

LEFT: A side entrance to a Queen Anne house offers paired Doric columns.

BELOW: Reminiscent of a temple front, Chadsworth Columns provided the pedestals and columns for this Southern house.



styles, right back to ancient Greek architecture."

West says that the Tuscan order is among the most popular of their columns, especially with a smooth-faced column shaft, followed by Ionic and also Corinthian. "In certain applications a fluted column would be used, but I would say probably 70 percent of the time, clients tend towards a Georgian appearance with a smooth-faced column." He adds that while a lot of the designs shown in their catalog are relatively traditional, that does not restrict their use in a country like the United States, where mixing and matching of styles on houses has a long history. "Obviously, in the States even Victorian-era buildings can incorporate classical-design columns."

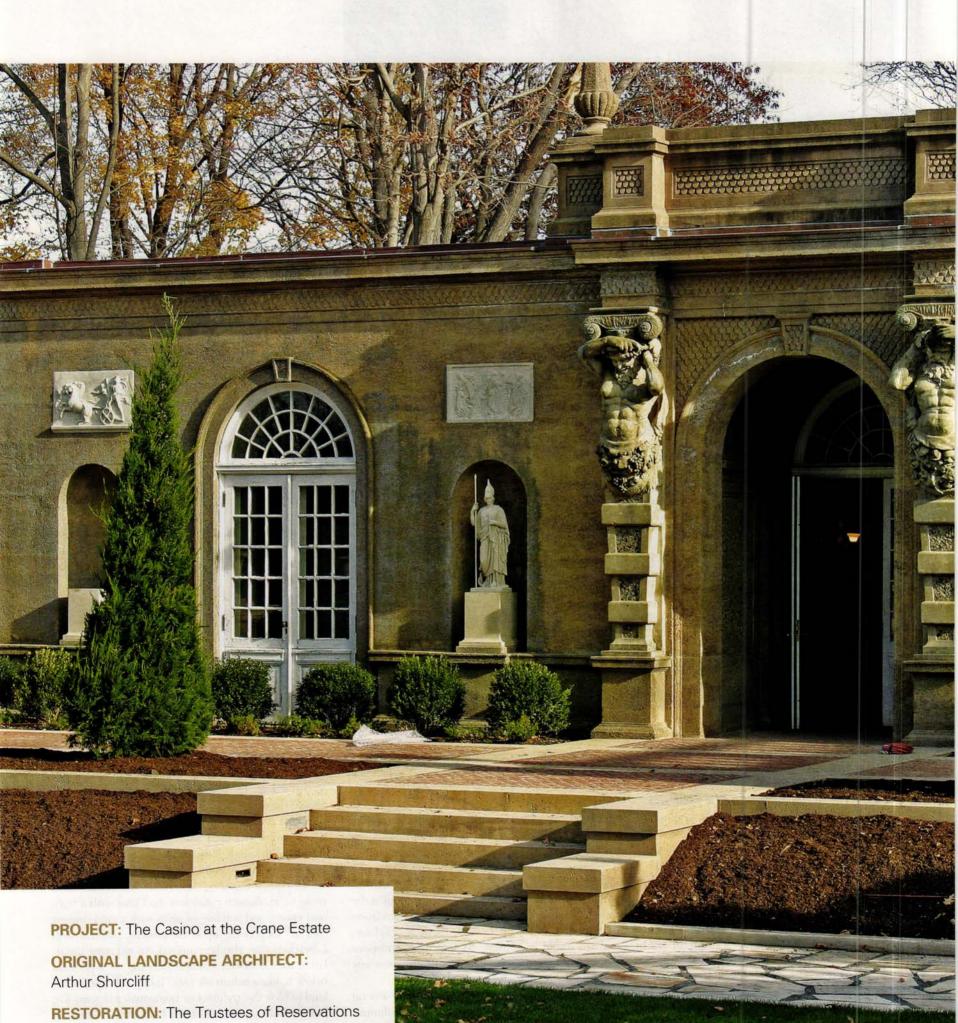
Not surprisingly, cast stone columns and other cast stone architectural elements, such as window sills and hoods, lintels, and door surrounds, have a natural aesthetic affinity for masonry buildings, whether they be actual brick or stone construction or simply veneer over wood frame. "A lot of this probably goes back to traditional European construction, where you've got, perhaps, a cavity-wall type construction with exter-

nal masonry, and prior construction of solid stone masonry walls." For structural reasons though, the ideal porch deck for cast stone columns is also typically masonry. "What we suggest is they have a concrete foundation," says West, in order to properly support the weight of the cast stone columns and the porch structure above them. Wood decks can potentially be challenging for the columns from a load-bearing standpoint, he says, though there are ways around the issue. For example, a wood deck can be cut out at the position of each column. "Then a concrete foundation can be poured in below the deck itself," he explains, "so there would be separate footings or foundations for each column, and the columns do not bear any weight on the deck itself."

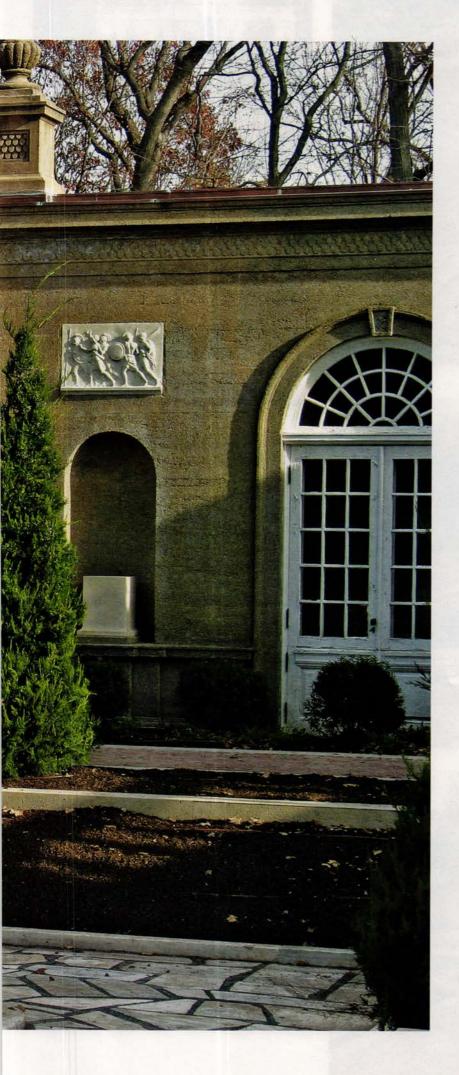
Classical porticos (entrance porches) are among the most popular applications for cast-stone columns. Not all porticos have balustrades, but where they do, as West explains, there are a couple of options for installation. "Generally speaking, the bottom third section of any column is parallel-sided," he says. "Where say, the balustrade would be about 36-in. high, we

produce the rail and baluster plinth with a scalloped end, actually curved to go around the column itself so that it hugs the column with about a 1/4-in. joint." Should the design of portico mean the balustrade goes over that 1/3 height, then the diameter at that point needs to be measured and mirrored at the end of the rail to fit snugly. "Installation is a relatively simple process, insomuch as the plinths, rails, and balusters are all pinned together," says West. "We recommend using 1/4-in. diameter stainless steel pins with a twopart epoxy, and bedding of units with a sand cement mortar." Depending upon the project, stainless steel L-brackets may also be required. An alternate installation uses a shorter column standing on a pedestal below it, like a balustrade pier. "It depends upon what kind of look the architect or homeowner is going for, but this links up the balustrade below the columns in a sort of traditional manner, quite nicely."

Gordon Bock, co-author of The Vintage House (www.vintage housebook.com) is an in-demand speaker for seminars, workshops, and keynote addresses through www.gordonbock.com.



COST: \$3 million





# Casino Restored

Located in Ipswich, Massachusetts, the Crane Estate's 12,000-sq.ft. Italianate courtyard is fully restored to its early 20th-century beauty.

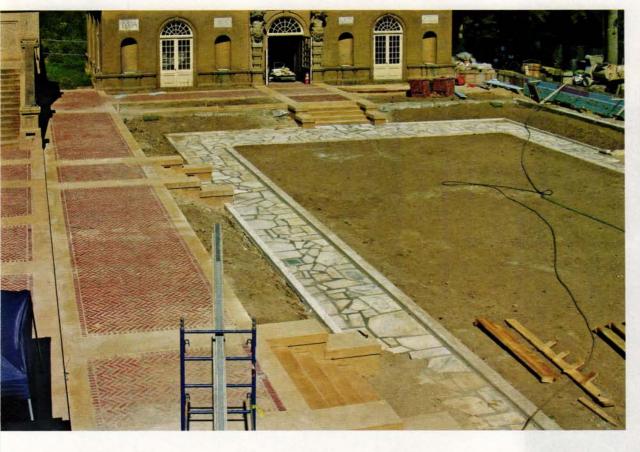
BY JEFF HARDER

t Castle Hill in Ipswich, Massachusetts, the Grand Allée unfurls like a half-mile-long ribbon of green straight into the cobalt blue of the sea. The allée is a key vista on the property's 165 historic acres: a hundred-foot-wide column of hills framed by manicured hedgerows and Greek statuary, lending a focused line of sight from the English manor Great House on the top of the hill down to Ipswich Bay. The only interruption is a single stone balustrade sprouting in the middle of the hillside.

But when you get up close and gaze over the balustrade, you learn there's a secret down below: the Casino, a 12,000-sq.ft. Italianate courtyard full of ornate architectural details and punctuated with columnar plantings of cedar. "It's like a home that's been dropped into the hillside that puts you in an entirely different place," says Cindy Brockway, program director for cultural resources at The Trustees of Reservations, the preservation group that cares for Castle Hill and 111 other properties in Massachusetts.

A century after its construction, the Casino remains a marvel of Italian Renaissance Revival style as well as a tribute to the extraordinary talents who conjured it. Once a place for a wealthy Chicago family to house and entertain its summer guests, the Casino—which, in this case, means "little house" instead of a gambling establishment—fell prey to 20th century deterioration. But now, after a roughly \$3 million restoration that materialized over nearly 20 years, the Casino is set to welcome summer visitors of a different sort.

After a long tenure as a farmland, Castle Hill's most recent incarna-

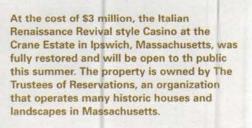








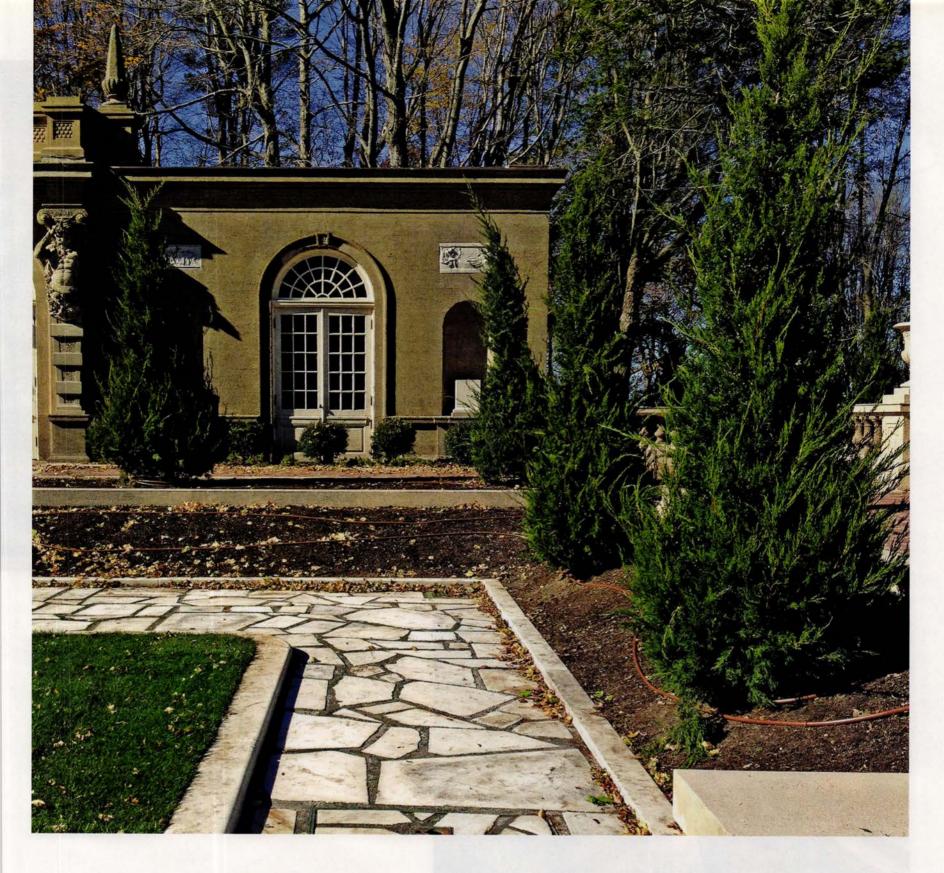












tion began in 1910, when Chicago industrialist Richard T. Crane, Jr., bought the property to serve as his family's summer estate. The designed landscape adapted tenets of Italian Renaissance Revival design to coastal New England, complete with a villa overlooking the property. (Mrs. Crane's lasting umbrage with the villa prompted its 1920s transformation into the Great House, the 59-room Stuart-style home that exists today.) The Cranes planned to place a saltwater pool in a valley between two hills, a measure that threatened the view. But Arthur Shurcliff—a neighbor, who also happened to be one of the finest landscape architects of his day-proposed a compromise: cut into the hillside, terrace the pool, and only a stone balustrade would remain.

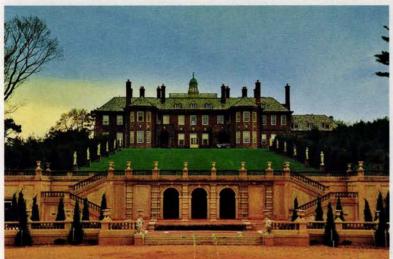
The results, carried out by Shurcliff as well as the Boston architectural firm Shepley, Rutan, and Coolidge, were the Grand Allée and the Casino, a complex containing a courtyard, ballroom, and bachelors' quarters, and a place where guests could lounge in the sun away from the Great House looming up high. "It's a space that really reflects the Italian Renaissance Revival in its highly articulated architectural details, its design, and its decorative elements," says Bob Murray, The Trustees' operations manager who helped oversee the restoration. "It brings out some of the incredible detail that was so typical of this era, and it creates a much different experience as you enter this more intimate space."

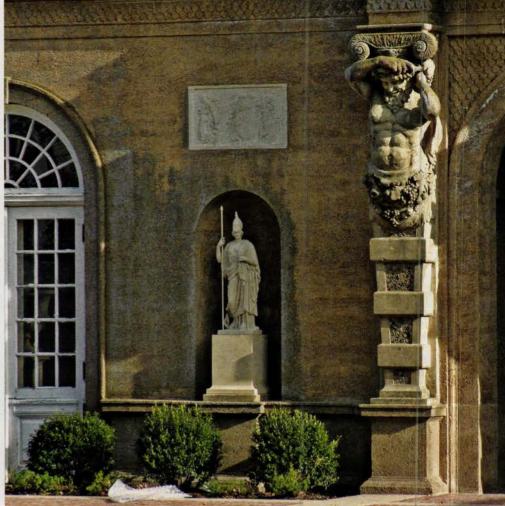
Today, the Casino looks almost indistinguishable from its century-old forerunner. On either side of the balustrade in the middle of the allée, staircases descend alongside a 15-ft.-high concrete retaining wall into a space rendered in exquisite detail, with a number of smaller changes in elevation. Brick laid in a herringbone pattern encircles the courtyard, and six sets of stairs descend 2 ft. further to a jig-saw of marble pavers surrounding a lawn panel. (The Cranes filled in the pool back in the 1940s.)

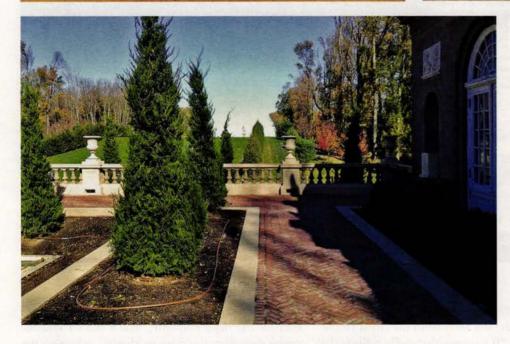
The ballroom and the bachelors' quarters were born of the day's etiquette, which barred raucous young men from the main residence—adorning the buildings' entryways with term figures that depict Bacchus, the Roman god of wine and merrymaking, wasn't an accidental choice. Eight classical-style statues cast from late-19th-century molds fill niches in the buildings' façades, and a second balustrade caps a lower retaining wall on the north side of the courtyard.

It's a long way from the Casino's former state of disrepair. Shortly after the Crane family donated Castle Hill to The Trustees in 1949, the Casino began to deteriorate: the weather took a toll, a leaky tarand-gravel roof on one of the buildings collapsed, and a particularly insidious problem called alkalisilica reaction caused the concrete in the retaining wall to deteriorate from the inside out. "Concrete is made of sand, water, and aggregate, and the voids in between hold it together," says Jim Younger, The









The original landscape architect was Arthur Shurcliff, a neighbor of the Cranes. Jim Younger, The Trustees of Reservations director of structural resources and technology, oversaw the restoration of some of the concrete features.

Trustees' director of structural resources and technology, who oversaw some of the restoration on the Casino's concrete features. "Essentially, those voids formed a gel over time that became bigger than the voids themselves, causing breaks and fractures that eventually became a powder in the wall." By the 1990s, the Casino was in such bad shape it had to be closed to the public.

But after Castle Hill became a National Historic Landmark in 1998, attention turned to bringing the Casino complex back to its former glory. The buildings were repaired and the concrete retaining walls were faithfully reconstructed to their original dimensions. Work on the terrace had to wait, but in the meantime, The Trustees carefully removed and stockpiled the original marble pavers, coping,

and balustrade, then filled in the courtyard with a lawn. After beginning the restoration of the Grand Allée in 2007, bringing back the Casino courtyard became an aim of the project. In April 2014, crews began excavating the area, removing earth and exposing the courtyard's original footings and foundations, pouring new slabs and foundations, and laying irrigation, wrapping up the project the following autumn.

Along the way, the landscape stayed true to Arthur Shurcliff's early vision, while casting an eye toward sustainability and lower maintenance plantings. Beyond the vertical cedars, the Casino features a hearty groundcover composed of vinca, candytuft, geraniums, and other perennials, along with ferns in shadier spots and a layer of inkberry bushes in front

of the buildings. "It's remained more of a classical, green, Italian space, and it's very understated when it comes to the plant choices," Brockway says.

With the restoration complete, the upshot is simple: the Casino is ready to welcome guests once again. Along with a slate of programming in the works for the coming summer, the Casino complex will include seating, refreshments, and games—including a billiard table in the ballroom, just as there was a long time ago—to make it an anytime destination. And ultimately, the Casino—amidst the vastness of Castle Hill—is a place that naturally lends itself to visitors, Brockway says. "You're completely enveloped by this little world, and instead of looking out, all of the sudden, you're looking inward."

FIRE & LIGHT: A TOUR OF THE ART GLASS OF GREENE & GREENE, May

**30, 2015.** This two-hour in-depth tour of The Gamble House in Pasadena, Calif., will examine the stained-glass work of Greene & Greene. Contemporary glass artist and Gamble House docent John Hamm will show participants the Greenes' evolution of style. For more information, visit www.gamblehouse.org.

**OLD PASADENA WALKING TOUR, June 6, 2015.** Pasadena Heritage will conduct walking tours of Old Pasadena, the original downtown, in Pasadena, Calif., on the first Saturday of every month (except July). The organization, established 36 years ago, saved Old Pasadena from being demolished. The tour features virtually unchanged alleyways from the town's early days. For more information, visit www.pasadenaheritage.org.

**SGAA ANNUAL SUMMER CONFERENCE, June 10-12, 2015.** The Stained Glass Association of America will host its summer conference in Portland, Ore. This year's theme is "Expanding Horizons," and the event will feature classes on traditional painting, technical lectures, and a stained-glass tour. For registration and conference updates, visit www.stainedglass.org/html/SGAAconference.htm.

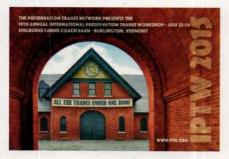
**JEWELS OF LIGHT, June 19-20, 2015.** Focusing on the creation, preservation, and appreciation of stained glass, this symposium will be held at the Washington National Cathedral, in Washington. It is sponsored by APTI, the National Cathedral, APT DC Chapter, and the American Glass Guild. For more information, call 217-529-9039.

**HISTORIC WINDSOR GARDEN TOUR, June 20, 2015.** Historic Windsor will lead a guided tour through The National Park Service's Saint-Gaudens Historic site as well as six original Cornish colony gardens in Cornish N.H. A reception following the tour will be held at The Plainfield Town Hall. For more information and reservations, call 802-674-6752.



The second
Traditional Building
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take place in
historic Princeton,
N.J. at the
Nassau Inn.

TRADITIONAL BUILDING CONFERENCE, July 21-22, 2015. Sponsored by Period Homes and Traditional Building magazines, the second conference in the 2015 series will be held in Princeton, N.J. The focus this year is "Materials, Methods and Jobs." For more information, go to www.traditionalbuildingshow.com, contact Judy Hayward, jhayward@aimmedia.com or 802-356-4348.



IPTW 2015, July 22-24, 2015. The 19th annual International Preservation Trades Workshop will take place at the Shelburne Farms' Coach Barn in Burlington, Vt. Preservation trade practitioners and other professionals will have the chance to share the skills and knowledge employed in conserving the built environment. For more information, visit www.iptw.org.

NATIONAL PRESERVATION INSTITUTE: HISTORIC PRESERVATION SEMINARS, September-December 2015. The National Preservation Institute will conduct a series of training seminars for professionals in management, development and historic, cultural and environmental preservation in many cities across the country. Seminars, case studies, and small group exercises will highlight state-of-the-art practices in historic preservation. For more information, visit www.npi.org or email info@npi.org.

**SAH SOUTH AMERICA FIELD SEMINAR, September 1-12, 2015.** The Society of Architectural Historians will lead a field seminar to explore the architecture of the Rio de la Plata Basin in the South American nations, Uruguay and Argentina. The itinerary includes visits to Montevideo, Colonia del Sacramento, Buenos Aires, and Córdoba. Participants will have the chance to earn 45 LU/HSW AIA continuing-education credits. For more information, visit www.sah.org.

**DESIGNDC 2015, September 23-25, 2015.** DesignDC 2015 will be held at the Walter E. Washington Convention Center in Washington. This three-day conference is designed to connect attendees to cutting-edge technology and projects, as well as provide opportunities to mingle with AIA members of the Washington, Northern Virginia, and Potomac Valley areas. For more information, visit aiadc.com/design-dc-2015.

**TRADITIONAL BUILDING CONFERENCE, October 6-7, 2015.** Sponsored by *Period Homes* and *Traditional Building* magazines, the third conference in the 2015 series will be held in Denver. The focus this year is "Materials, Methods and Jobs." For more information, go to www. traditionalbuildingshow.com, contact Judy Hayward, jhayward@aimmedia.com or 802-356-4348.

**ICAA'S PRIVATE NAPLES TOUR, October 17-25, 2015.** ICAA's eight-day guided tour of Naples will give participants the opportunity to UNESCO World Heritage sites in Naples, Ravello, Positano, the Phlegraean Fields Pompeii, and Herculaneam. For more information, visit www.classicist.org.

**2016 PALLADIO AWARDS DEADLINE FOR SUBMISSIONS, November 2015.** The annual Palladio Awards, honoring the excellence in traditional architecture, are sponsored by *Period Homes* and *Traditional Building* magazine and the Traditional Building Conference Series. For more information, go to www.palladioawards.com.

APT KANSAS CITY 2014 CONFERENCE, November 1-5, 2015. The Association for Preservation Technology International will host its annual conference in Kansas City, Kan. The theme this year, "Convergence of People and Place," will explore the interface of diverse technologies and its effects on the modern practice of heritage conservation. For conference updates, visit www.apti.org.

**ASLA ANNUAL MEETING & EXPO, November 6-9, 2015.** The American Society of Landscape Architects will hold its annual meeting and expo at the Chicago's McCormick Place. The event includes education sessions, field sessions, tours, workshops, and the opportunity to earn professional development hours. For more information visit, www.asla.org.

ABX 2015, November 17-19, 2015. The Boston Society of Architects will host its tradeshow and conference at the Boston Convention and Exhibition Center, Hall C, in Boston. Workshops will cover topics such as building materials and technology, software and code. Participants will have the chance to earn continuing education and AIA/CES Learning Units. For more information, visit www.abexpo.com.

**GREENBUILD 2015, November 18-20, 2015.** Greenbuild's international conference and expo will be held in Washington. It is dedicated to green building products and services and will feature three days of educational sessions, green building tours and seminars. For more information, visit www.greenbuildexpo.org.

**TRADITIONAL BUILDING CONFERENCE, December 1-2, 2015.** Sponsored by *Period Homes* and *Traditional Building* magazines, the fourth and final conference in the 2015 series will be held in Denver. The focus this year is "Materials, Methods and Jobs." For more information, go to www.traditionalbuildingshow.com, contact Judy Hayward, jhayward@aimmedia.com or 802-356-4348.

**INTERNATIONAL BUILDERS' SHOW, January 19-21, 2016.** The Association of Home Builders (NAHB) will host its annual show at the Las Vegas Convention Center in Las Vegas. The event them will be "Discover the Building Universe." For more information, go to www.buildersshow.com.

**THE DESIGNER CRAFTSMEN & HISTORIC HOME SHOW, February 5-7, 2016.** The Designer Craftsmen & Historic Home Show will take place at the Valley Forge Casino Resort Convention Center in Valley Forge, Pa. This joint event will give attendees a chance to learn techniques in historic architectural preservation, restoration and renovation as well as view examples of museum quality and original artwork and furniture reproductions. For more information, visit www.historichomeshows.com.

NOMMA'S 2016 METALFAB EDUCATION EXPO & EXCHANGE, March 16-19, 2016. The National Ornamental & Miscellaneous Metals Association (NOMMA) will host its annual convention at the Hyatt Regency Greenveille in Greenville, S.C. The four-day event will feature seminars and workshops, and Sam Wyche, a successful NFL head football coach, will give a keynote speech on the topic of "Team Building." For more information, visit www.nomma.org

**NATIONAL BUILDING MUSEUM PROGRAMS & EXHIBITS.** The National Building Museum in Washington offers a series of exhibits and programs throughout the year on topics dealing with architectural design and building. Many of the programs qualify for AIA continuing education units. The building itself is worth the visit, and 45-minute walk-in tours are offered daily. For details on current programs and a tour schedule, go to www.nbm.org.

**PRESERVATION EDUCATION PROGRAMS.** Throughout the year, the Preservation Education Institute, a program of Vermont-based Historic Windsor, Inc., offers workshops on various preservation skills, technologies and practices for building and design professionals, property owners and others. For a complete listing of current programs, go to www.preservationworks. org or contact Judy Hayward at 802-674-6752.

**WOOD-CARVING WORKSHOPS.** Classically trained master wood-carver Dimitrios Klitsas conducts classes in wood carving at his studio in Hampden, Mass., for novices as well as professionals looking to take their skills to the highest level. Classes are available for both group and individual instruction. For more details, go to www.klitsas.com or call 413-566-5301.

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





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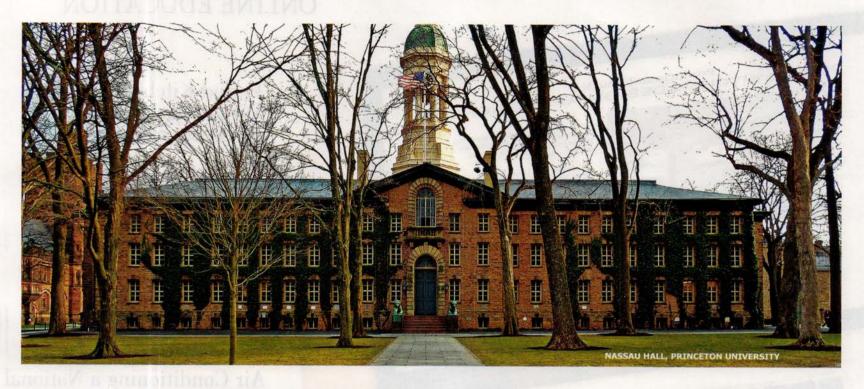
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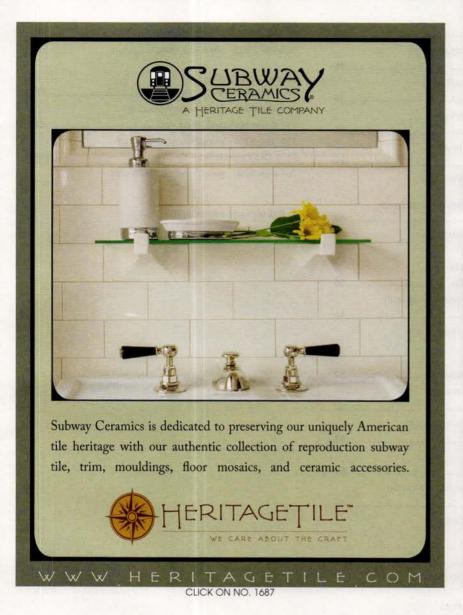
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The Reggio Register Co. manufactures castiron, aluminum, brass and zinc grilles in contemporary and historical designs.

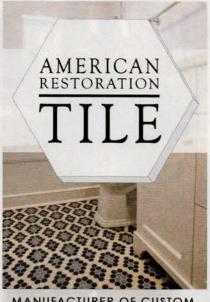
#### Reggio Register Co., Inc., The 800-880-3090

www.reggioregister.com Leominster, MA

Manufacturer of decorative & functional cast-iron, brass, aluminum, steel & wood grilles: historic & contemporary designs for forced-air & highvelocity systems; large selection of sizes in stock.

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#### **Subway Ceramics** 888-387-3280

www.subwaytile.com

Verona, WI

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

Click on no. 1687

# **COLUMNS & CAPITALS**



Agrell Architectural Carving, Ltd. 415-457-4422

www.agrellcarving.com San Rafael, CA

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

#### **Architectural Products by Outwater** 800-835-4400

www.outwater.com

Bogota, NJ

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.

#### **Decorators Supply Corp.** 800-792-2093

www.decoratorssupply.com Chicago, IL

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.



These Plain Authentic Replication columns with Tuscan capitals from Chadsworth Columns measure 16 in.

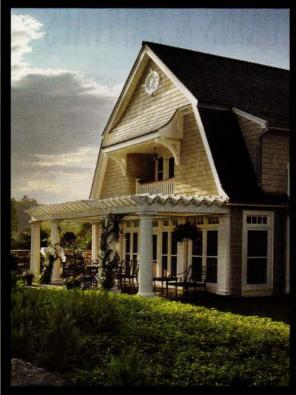
**Chadsworth Columns** 800-486-2118

www.chadsworth.com

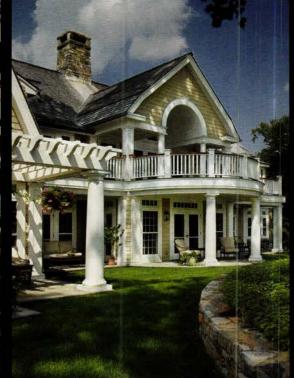
Wilmington, NC

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; shutters.

Click on no. 1580 for PolyStone; 180 for wood







\*Photos courtesy of Coastal Point Construction, LLC; Cos Cob, CT

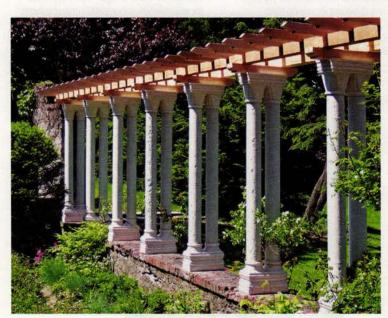
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Custom fiberglass twin columns by Goodwin Associates match the originals in this restored pergola.

#### **Goodwin Associates**

585-248-3320

www.goodwinassociates.com

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



These fluted columns were supplied by Haddonstone (USA) Ltd.

#### Haddonstone (USA), Ltd.

719-948-4554

www.haddonstone.com

Pueblo, CO

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

#### **Heather & Little Limited** 800-450-0659

www.heatherandlittle.com Markham, ON, Canada

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

#### **MWT Custom Wood Working, LLC** 828-322-4061

www.mwtwoodturning.com Hickory, NC

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

#### Passaic Millwork

973-210-1862

www.passaicmillwork.com

Passaic, NJ

Manufacturer of circular, elliptic, spiral, curved & straight stairways: rails & parts; columns, moldings, radius work, turnings & fluting to 12 ft.; clear & finger-joint pine moldings; poplar & oak.

Click on no. 3340

#### Fagan Design & Fabrication, Inc. 203-937-1874

www.fagancolumns.net

West Haven, CT

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

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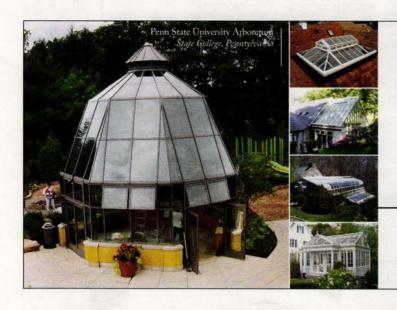
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Bill's Custom Metal Fabrications hand forged this gazebo.

Bill's Custom Metal Fabrications 516-333-3562

www.ironcrafters.com Westbury, NY

Manufacturer of hand-forged ornamental ironwork: garden furniture, gates, railings, furniture, gazebos, fireplace doors & candelabras; servicing the Long Island & tri-state areas.

Click on no. 1270

This octagonal greenhouse, fabricated by Glass House, features a custom color powder coat finish, power vented cupola, French doors and high performance glass.

Glass House, LLC 800-222-3065

www.glasshouseusa.com

Pomfret Center, CT

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

Click on no. 1870



This Haddonstone (USA) Ltd. orangery with balustrading and Tuscan pilasters makes an ideal pool house.

Haddonstone (USA), Ltd.

719-948-4554

www.haddonstone.com

Pueblo, CO

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.

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Hartley Botanic custom made this greenhouse with a link into the property: it is situated in Massachusetts.

Hartley Botanic Inc. 781-933-1993

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Woburn, MA

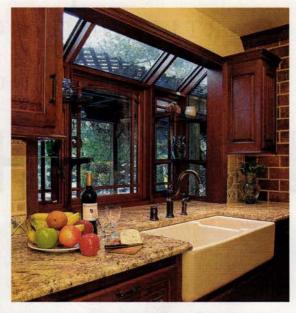
Specialty manufacturer of custom greenhouses & other horticultural structures: residences & horticultural institutes; handmade in Greenfield, England for over 75 years.

Click on no. 1643

Oak Leaf Conservatories, Ltd. www.oakleafconservatories.com

Atlanta, GA

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



Renaissance Consservatories manufactured this custom garden window in solid mahogany; the hardwood specie, finish, grids and exterior roof cladding are all customizable and can match interior millwork and cabinetry

**Renaissance Conservatories** 800-882-4657

www.renaissanceconservatories.com

Leola, PA

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

Solar Innovations, Inc. 570-915-1500 www.solarinnovations.com

Pine Grove, PA

Designer, fabricator & installer of aluminum & wood glazed structures: skylights, sunrooms, greenhouses, conservatories & pool & spa enclosures; folding, tilting, sliding & stacking doors, walls, windows & screens; walkways, canopies, gutters, finials & more: HIC # PA051151.

**Tanglewood Conservatories** 410-479-4700

www.tanglewoodconservatories.com Denton, MD

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

**Walpole Outdoors** 

www.walpolewoodworkers.com Walpole, MA

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

**Town & Country Conservatories** 773-281-1212

www.townandcountryus.com Chicago, IL

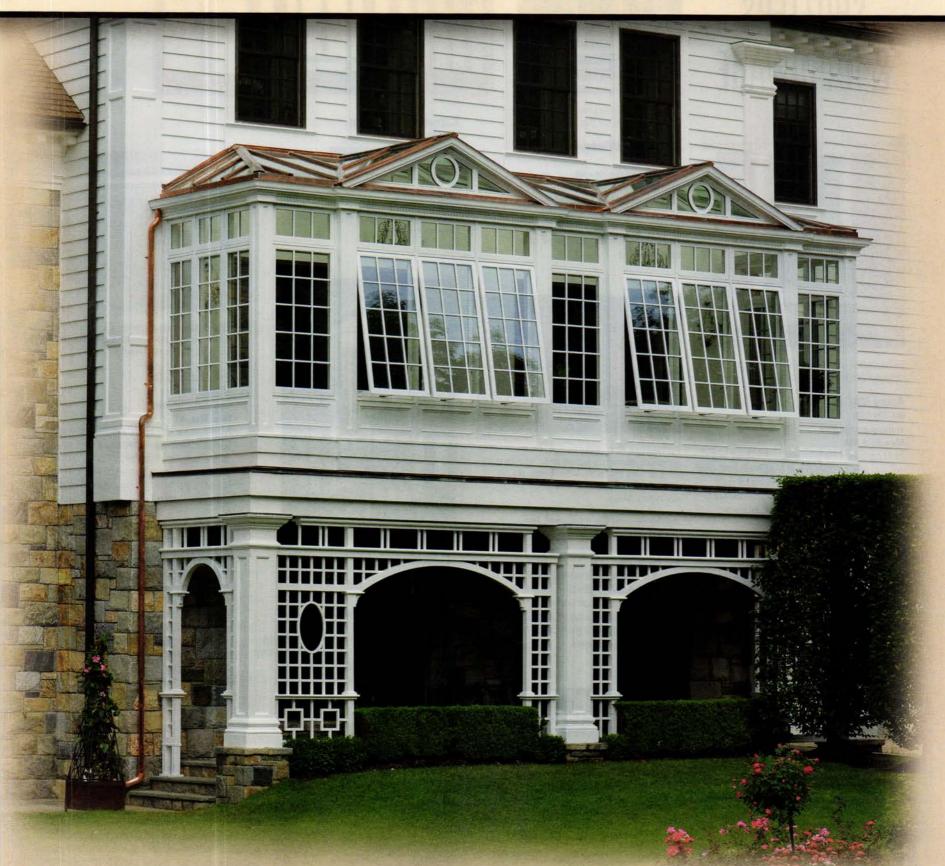
Designer & builder of high-quality custom English conservatories, orangeries, garden houses, greenhouses, roof lanterns & swimming pool enclosures: in premium hardwood or extruded aluminum; extensive photo tour; design & planning guide.

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2015 Portfolio

# DOORS, WINDOWS, SHUTTERS & HARDWARE



These "S" shutter holdbacks are available in various sizes from Acorn Mfg

#### Acorn Mfg. 508-339-4500

#### www.acornmfg.com Mansfield, MA

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

Click on no. 1690



This window features the Historic-One-Lite invisible storm from Allied Window; all of the company's windows are custom made.

#### Allied Window, Inc. 800-445-5411 www.alliedwindow.com

Cincinnati, OH

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



Arch Angle provided the storm windows and doors for this residence

#### **Arch Angle Window & Door** 330-723-2551

#### www.archangleohio.com Medina, OH

Custom fabricator of special shape aluminum storm doors, windows & screens: round top, arch top, Cathedral & Gothic designs; tempered & low-E glass. Click on no. 52







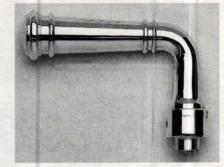
Coppa Woodworking offers more than 300 styles of wood screen and storm doors.

#### Coppa Woodworking 310-548-4142

#### www.coppawoodworking.com San Pedro, CA

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

Click on no. 9600



E.R. Butler manufactures Early American furniture and door and window hardware, such as this brass handle.

#### E.R. Butler & Co. 212-925-3565

#### www.erbutler.com

#### New York, NY

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



Architectural Components restored the windows, doors and reproduction 18th-century hardware for the Jacob Whittemore House at the Minuteman National Historic Park in Lexinaton, Mass.

#### Architectural Components, Inc. 413-367-9441

#### www.architecturalcomponentsinc.com Montague, MA

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.



Crittall Windows offers traditionally styled windows and doors made with recycled and recyclable-steel content.

#### Crittall Windows, Ltd. 011-44-1376530800

#### www.crittall-windows.co.uk/us/ Witham, Essex, U.K.

Manufacturer of steel window & door systems: single hung, casement, pivot, awning, projecting, fixed lite & round top; historical restoration & renovation; minimum maintenance; custom shapes & sizes.

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#### **Heritage Metalworks** 610-518-3999

#### www.heritage-metalworks.com Downingtown, PA

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

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This residence features a combination of Chadsworth's Bahama and louvered shutters

#### **Chadsworth Columns** 800-486-2118

#### www.chadsworth.com Wilmington, NC

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; shutters.

Click on no. 1580 for PolyStone; 180 for wood

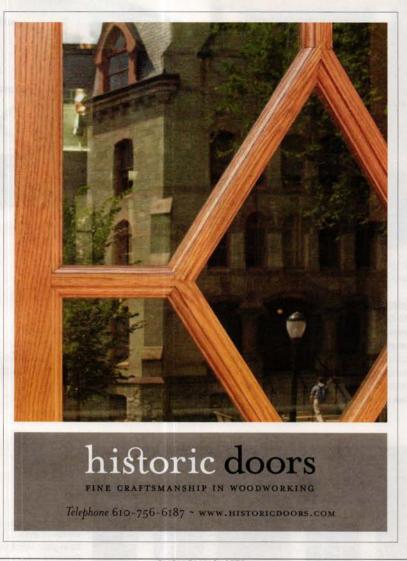


Designer Doors, Inc. 800-241-0525 www.designerdoors.com River Falls, WI

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

Click on no. 109

Designed to complement overhead and swing garage doors, many entryways from Designer Doors include sidelites and transoms.





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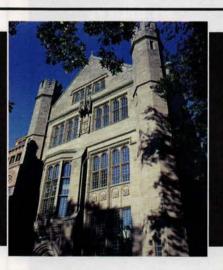




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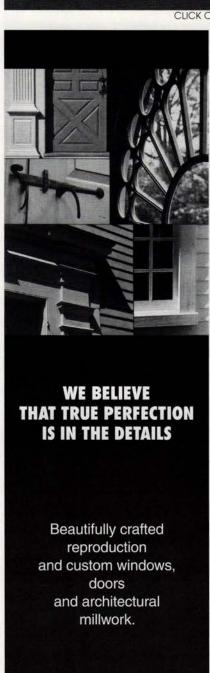
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Historic Doors built this white-oak door for a restoration project.

#### **Historic Doors** 610-756-6187 www.historicdoors.com Kempton, PA

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

Click on no. 3570



Parrett fabricated these doors with sidelites and transoms for a reclaimed early-19thcentury barn.

#### **Parrett Windows & Doors** 800-541-9527

#### www.parrettwindows.com

Dorchester, WI

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

Click on no. 3003



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

#### **Innerglass Window Systems** 800-743-6207

www.stormwindows.com Simsbury, CT

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

#### Kuiken Brothers Company, Inc. 201-705-5375

www.kuikenbrothers.com/classical Midland Park, NJ

Supplier of classical wood molding: KB Classical Moulding includes 70 classic American molding profiles; Early American, Georgian, Federal, Greek Revival, Colonial Revival & Traditional Revival; all in stock; milled from domestic Appalachian Poplar; window & door surrounds; CAD files available; online catalog; ships nationwide.



#### **Phelps Company** 603-336-6213

www.phelpscompany.com

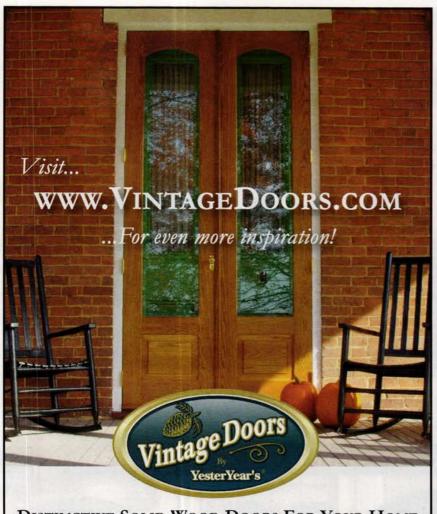
Hinsdale, NH

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

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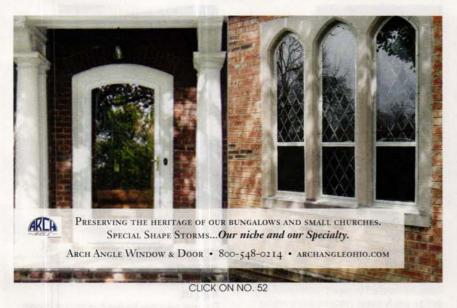


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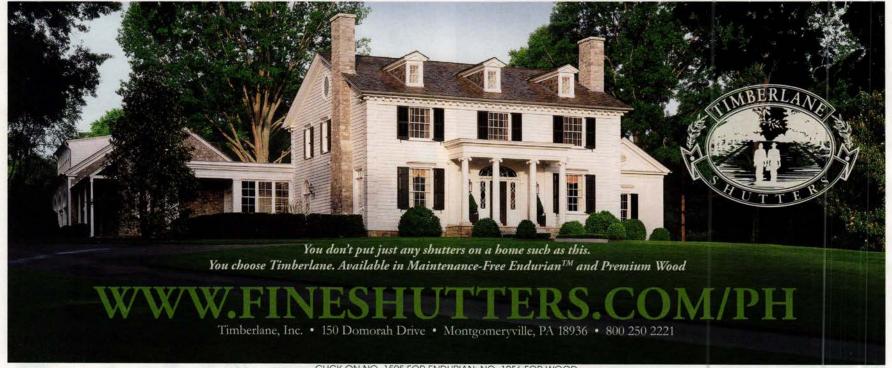


CLICK ON NO. 1690

Acornmfg.com | 800-835-0121







CLICK ON NO. 1595 FOR ENDURIAN; NO. 1056 FOR WOOD





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

#### Shuttercraft, Inc. 203-245-2608 www.shuttercraft.com Madison, CT

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 custom manufactures exterior wood shutters in traditional styles.

#### Timberlane, Inc. 215-616-0600

www.timberlane.com Montgomeryville, PA

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. Click on no. 1595 for Endurian; 1056 for wood



This Victorianstyle solid mahogany "Primrose" screen/storm door from Vintage Door, features oilrubbed bronze hardware.

#### **Vintage Doors** 800-787-2001 www.vintagedoors.com

Hammond, NY

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



Wiemann Metalcraft fabricated this bronze door with insulated glass.

#### Wiemann Metalcraft 918-592-1700

www.wmcraft.com Tulsa, OK

Designer, fabricator, finisher & installer of custom omamental 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.

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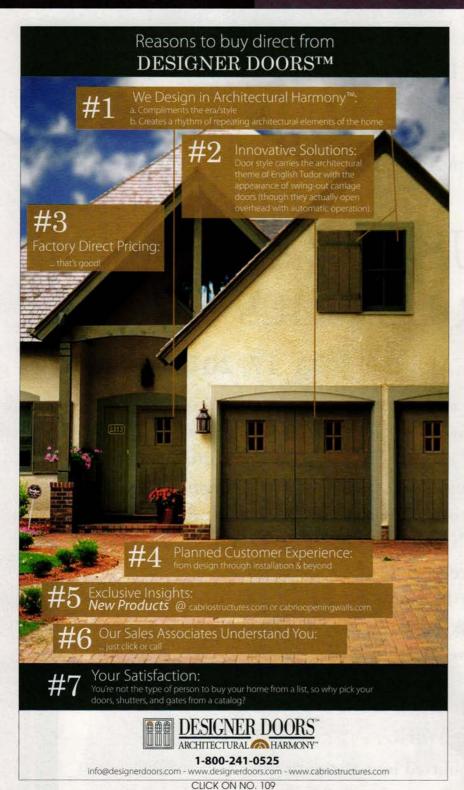
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Designer Doors handcrafts garage doors with the appearance of authentic carriage doors but with the ease of push-button overhead operation.

#### **Designer Doors** 800-241-0525

#### www.designerdoors.com River Falls, WI

Manufacturer of handcrafted garage doors &

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

Click on no. 109



These Craftsman-style carriage doors were fabricated by Evergreen Carriage Doors

#### **Evergreen Carriage Doors, LLC** 800-654-0750

#### www.evergreencarriagedoors.com Stevensville, MT

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

# PERIOD GARAGES & **GARAGE DOORS & HARDWARE**

#### Acorn Mfg. 508-339-4500

#### www.acornmfg.com

#### Mansfield, MA

Manufacturer of Early American-style hand-forged iron registers & grilles & iron & stainless-steel door & window hardware: latches, knockers & pulls; garage, shutter, furniture & wood-gate hardware; Tremont steel-cut nails for restoration projects. Click on no. 1690



Amarr Garage Doors offers the Biltmore Estate For Your Home Carriage House Collection, which features Chateau garage and entry doors.

#### **Amarr Garage Doors** 800-503-DOOR

#### www.amarr.com

#### Winston Salem, NC

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

#### www.carriagedoor.com West Sacramento, CA

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



These raised-panel, paint-grade, carriagehouse doors were manufactured by Fimbel Architectural Door Specialties

#### Fimbel Architectural Door **Specialties** 908-534-1732

#### www.fimbelads.com Whitehouse, NJ

Manufacturer of garage & carriage-house

doors: custom & standard designs; wide variety of traditional styles.

#### Hahn's Woodworking Co., Inc. 908-722-2742

#### www.hahnswoodworking.com

#### Branchburg, NJ

Manufacturer of wood garage & carriage-house doors & traditional out-swing & sliding barn doors: historic restorations, custom interior & exterior doors

#### **Historic Doors** 610-756-6187 www.historicdoors.com Kempton, PA

Custom manufacturer of wood doors: circular casings & moldings; restoration & period-style construction; garage doors, fences & gates. Click on no. 3570

#### Kayne & Son Custom Hardware 828-667-8868

#### www.customforgedhardware.com Candler, NC

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.

#### Steel Windows & Doors USA 203-579-5157

#### www.steelwindowsanddoors.com Stratford, CT

Supplier of steel, bronze & stainless steel windows & doors: hot rolled, cold formed, thermally broken; custom colors; variety of finishes available.

# EXTERIOR MOLDED ORNAMENT

A&M Victorian Decorations, Inc. 800-671-0693

www.aandmvictorian.com South El Monte, CA

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

#### Architectural Elements, Inc. 800-399-0268

www.architectural-elements.com Boxborough, MA

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

#### Gladding, McBean, Div. of Pacific Coast Bldg. 800-776-1133

www.gladdingmcbean.com

Roseville, CA

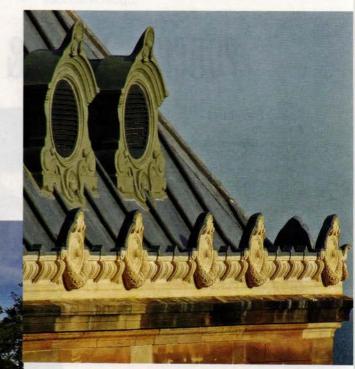
Manufacturer of clay roof tile, terra cotta, chimney tops & caps, cornices, balustrades, piazza floor tile & garden pottery: CAD drawings; color matching.



#### **Cast Designs & Supply** 866-504-2067

www.castdesignsupply.com Auburntown, TN

Designer, manufacturer & installer of interior & exterior ornamental architectural products: crown molding, mantels, ceiling domes/ medallions, capitals & other architectural accents; commercial, residential & historical restoration; over 1,000 existing designs; custom projects.



Cast-stone custom casting ornament from Haddonstone can be used in many applications

#### Haddonstone (USA), Ltd. 719-948-4554 www.haddonstone.com Pueblo, CO

Melton Classics, Inc.

www.meltonclassics.com

800-963-3060

Lawrenceville, GA

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.

Manufacturer of architectural elements: columns, moldings,

balustrades, door & window features, cornices, porch parts,

composite, wood, cast & synthetic stone, GRC & GRG.

brackets, trim & more; fiberglass, polyurethane, marble/resin

MasterMold, a non-toxic polyurethane paste from Abatron, is used to reproduce both large and small flexible molds.

#### Abatron, Inc. 800-445-1754 www.abatron.com Kenosha, WI

Manufacturer of epoxy wood-restoration system: LiquidWood penetrating wood consolidant hardens deteriorated wood & WoodEpox wood-replacement compound for filling & rebuilding; AboCrete epoxy patching & resurfacing cement/grout.

#### Antigua Del Mar Tile & Ceramics, LLC 310-315-9870

www.antiguadelmartile.com Santa Monica, CA

Supplier of handmade terra-cotta brick & tile: for all construction details; authentic reproductions of glazed ceramic tile from historical Mediterranean architecture.

#### **Fypon** 800-446-3060 www.fypon.com

& other polymers

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

Fypon's exterior molded ornament is manufactured in high-density polymer

Arch Fiberglass Corp. 631-842-4772 www.afcornice.com

Copiague, NY Reproducer of original omamentation from a large selection of stock styles & sizes: exterior cornices, cupolas, columns



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the reader service number that appears at the end of its caption.

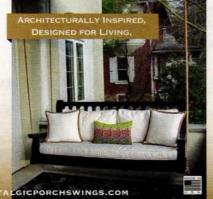


Our handcrafted porch swing will be the perfect finishing touch for your period home

Choose your style, size, finish and fabric. Seat back customization is available

Shipped nationwide, fully-assembled and direct to your customer.

CLICK ON NO. 2062



#### Staircases & Handrails

manufacturing

Straight · Cirular · Spiral · Elliptic

#### **Custom Mouldings**

Interior/Exterior · Solid · Radius Millwork • Rail Parts • Turnings • Doors Hardwood/Plywood Lumber Cut to Size

973-210-1862 passaicstair@aol.com 8 Harris Street Haledon, NJ 07508

www.PassaicStair.com



# PORCHES, DECKS & PORCH PARTS

#### **Artistic Enclosures** 800-944-8599

www.artisticenclosures.com

Barto, PA

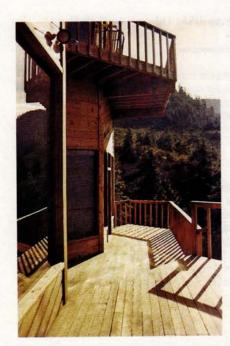
Manufacturer of pre-constructed wall systems for the construction of conservatories, sunrooms, porch enclosures & screen rooms: solid-wood construction; Sunbreeze, Cambridge & ScreenPlus product lines; custom-sized vinyl windows.

#### **AZEK Building Products Inc.**

877-275-2935

www.azek.com Scranton, PA

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



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

#### **Bear Creek Lumber** 800-597-7191

www.bearcreeklumber.com

Winthrop, WA 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.



The Chadsworth PolyStone columns on this porch are mirrored in the interior of the house

#### **Chadsworth Columns**

800-486-2118

www.chadsworth.com

Wilmington, NC

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; shutters.

Click on no. 1580 for PolyStone; 180 for wood



produces a hidden fastener system for use on any wood or composite

EB-TY

#### **EB-TY Hidden Fastening Systems** 800-438-3289

www.ebty.com

North Branch, NJ

Manufacturer of porch/deck Hidden Fastening Systems for all woods & composites: fastens securely & invisibly; wood plugs; stainless-steel screws; installation.

#### Nostalgic Porch Swings Co., LLC 717-209-7014

www.nostalgicporchswings.com

Lancaster, PA

Manufacturer of historically styled porch swings; handcrafted in western red cedar & stainless steel fasteners; a variety of sizes & finishes available.

Click on no. 2062

#### **Passaic Millwork** 973-210-1862

www.passaicmillwork.com

Passaic, NJ

Manufacturer of circular, elliptic, spiral, curved & straight stairways: rails & parts; columns, moldings, radius work, turnings & fluting to 12 ft.; clear & finger-joint pine moldings; poplar & oak.

Click on no. 3340

#### **Vintage Doors**

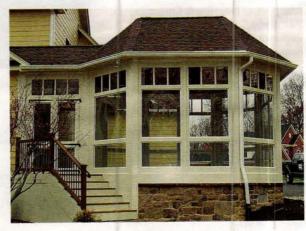
800-787-2001

www.vintagedoors.com

Hammond, NY

Custom manufacturer of handcrafted doors: interior & exterior doors; hardware; screen & storm doors; porch panels; glass, mahogany, white oak, cherry, Douglas fir & more; many styles.

Click on no. 1727



This screened-in porch was supplied by Vixen Hill.

#### Vixen Hill - Porch Systems

800-423-2766

www.vixenhill.com

Elverson, PA

Supplier of modular cedar porch systems: interchangeable screens & optional storm glass; variety of architectural inserts.

#### Vintage Woodworks

903-356-2158

www.vintagewoodworks.com

Quinlan, TX

Supplier of Victorian millwork: western red cedar shingles, porch parts, columns, turned & sawn balusters, railings, brackets, gazebos, cornices, corbels, spandrels, mantels, storm & screen doors & more.

# BENCHES & GARDEN FURNITURE

Allen Architectural Metals, Inc. 800-204-3858

www.allenmetals.com

Talladega, AL

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

#### **Bill's Custom Metal Fabrications**

516-333-3562

www.ironcrafters.com

Westbury, NY

Manufacturer of hand-forged ornamental ironwork: garden furniture, gates, railings, furniture, gazebos, fireplace doors & candelabras; servicing the Long Island & tri-state areas.

Click on no. 1270



Aluminum patio furniture is available from Fifthroom.com in many styles.

Fifthroom.com

888-293-2339

www.fifthroom.com

Gibsonia, PA

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



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

Haddonstone (USA), Ltd. 719-948-4554

www.haddonst

Pueblo, CO

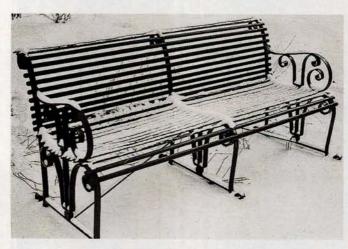
U.S. based manufacturer of landscape ornament & architectural cast stonework: planters, fountains, sundials, statues, garden furniture, balustrades, gazebos, follies, columns, porticos, doors & window surrounds, cornices, molding, mantels & more; custom components.

Click on no. 4020

#### Herwig Lighting 800-643-9523

www.herwig.com

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.



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

#### John F. Graney Metal Design, LLC 413-528-6744

www.graneymetaldesign.com

Sheffield, MA

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.



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

Seibert & Rice, Inc. 973-467-8266

www.seibert-rice.com

Short Hills, NJ

Importer of terra-cotta benches, planters, urns & ornament: handmade in Impruneta, Italy; fine detailing, frost-proof, extensive inventory & custom capabilities.

**Walpole Outdoors** 508-668-2800

www.walpolewoodworkers.com

Walpole, MA

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.

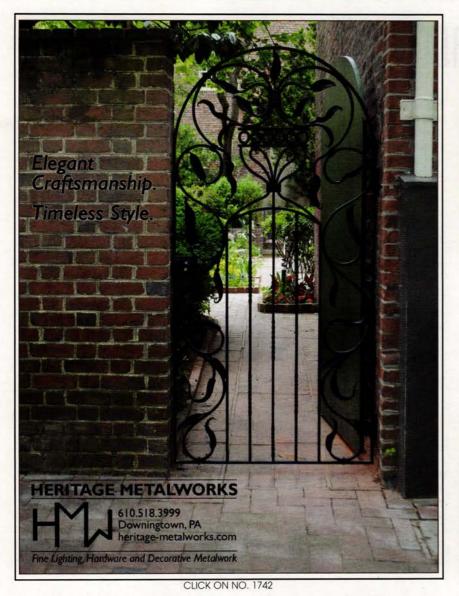
Click on no. 280

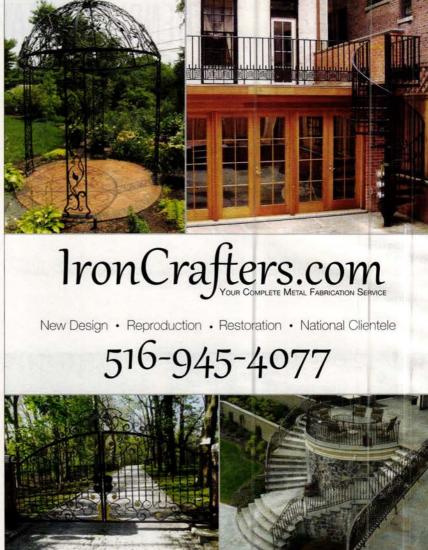
#### Wiemann Metalcraft 918-592-1700

www.wmcraft.com

Tulsa, OK

Designer, fabricator, finisher & installer of custom omamental 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. Click on no. 1223





# **FENCES & GATES**

#### Acorn Mfg. 508-339-4500 www.acornmfg.com Mansfield, MA

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

Click on no. 1690



Bill's Custom Metal Fabrications hand forged the gate for this driveway.

#### Bill's Custom Metal Fabrications 516-333-3562

www.ironcrafters.com

Westbury, NY

Manufacturer of hand-forged ornamental ironwork: garden furniture, gates, railings, furniture, gazebos, fireplace doors & candelabras; servicing the Long Island & tri-state areas.

Click on no. 1270



Hand-crafted wrought-iron fences are one of the specialties of Compass Ironworks.

Compass Ironworks 717-442-4544

www.ironworkclassics.com

Gap, PA

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

Click on no. 1719



Design Associates custom designed and built this solid mahogany automated gate

**Design Associates** 

203-407-8913

60 Connolly Parkway, Bldg. 2C, Ste. 208B

Hamden, C'

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

**Fine Architectural Metalsmiths** 

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.

845-651-7550

Chester, NY

www.iceforge.com

Click on no. 1697

Designer Doors, Inc. 800-241-0525 www.designerdoors.com River Falls, WI

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

Click on no. 109

Flaherty Iron Works, Inc. 703-971-7653

www.flahertyironworks.com Alexandria, VA

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



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

www.heritage-metalworks.com

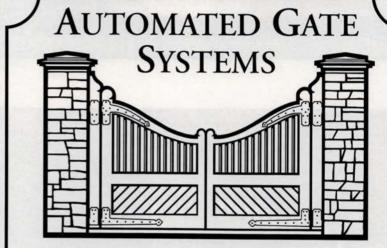
Downingtown, PA

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



CLICK ON NO. 1719



## DESIGN ASSOCIATES, INC.

FORMAL & GARDEN STYLES
CUSTOM DESIGNED & BUILT
ADVANCED & RELIABLE AUTOMATION
ON-CALL SERVICE

60 CONNOLLY PARKWAY HAMDEN CT 06514

203-407-8913

203-838-5971

OFFICE

NORWALK

autogates@sbcglobal.net

CLICK ON NO. 1697

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Cast Iron Estate Fence As Shown Approximately \$100/LF. Ready For Installation. Call Us for A Quote! 1-877-855-4766



"America's Most Honored Metalcrafters"

Architectural Blacksmiths and Foundrymen Serving Clients Nationwide Since 1940

Exclusive US Agents

www.wmcraft.com (918) 592-1700 sales@wmcraft.com



NO 1223

CLICK ON NO. 1223



This custom garden gate was designed by Charles Hess Landscape Architects and fabricated by Historic Doors.

#### Historic Doors 610-756-6187

#### www.historicdoors.com

#### Kempton, PA

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

Click on no. 3570



This entry gate was manufactured by Walpole Outdoors

#### **Walpole Outdoors**

508-668-2800

www.walpolewoodworkers.com

#### Walpole, MA

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



Designed and fabricated by Wiemann Metalcraft, this wrought-iron gate features repousse and gilded-brass leaves and roses.

#### Wiemann Metalcraft

918-592-1700

#### www.wmcraft.com

#### Tulsa, OK

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.

Click on no. 1223

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# **PLANTERS & URNS**







Authentic Provence offers a wide selection of terra-cotta planters and urns.

#### Authentic Provence, Inc. 561-805-9995

www.authenticprovence.com West Palm Beach, FL

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.

DuMor, Inc. 800-598-4018 www.dumor.com Mifflintown, PA

Supplier of benches, trash receptacles, planters, urns & tables: since 1984.



The Large Octagonal Jardiniere from Haddonstone is designed without a base to allow shrub roots to reach underlying soil.

Haddonstone (USA), Ltd. 719-948-4554 www.haddonstone.com Pueblo, CO

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

#### Historical Arts & Casting, Inc. 800-225-1414

www.historicalarts.com West Jordan, UT

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.

#### New England Garden Ornaments 978-579-9500

www.negardenornaments.com Sudbury, MA

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.

#### No 9 Studio UK 011-44-1769-540-471

www.no9uk.com

Chittlehamholt, Devon, UK

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



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

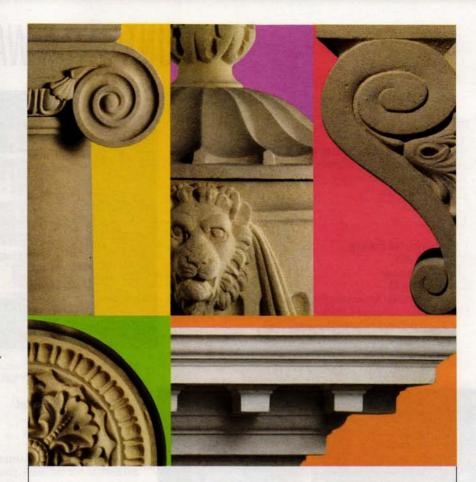
Robinson Iron Corp. 800-824-2157 www.robinsoniron.com Alexander City, AL

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

#### Schiff Architectural Detail, LLC 617-887-0202

www.schiffarchitecturaldetail.com Chelsea. MA

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.



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.

Browse our unrivalled collection **online** or **call** to request a catalog.



haddonstone.com 866 733 8225

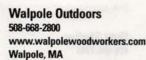
Made in the USA

CLICK ON NO. 4020

#### Tuscan Imports, Inc. 843-667-9101

www.tuscanimports.com Florence, SC

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



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



This handcrafted terra-cotta urn is available from Tuscan Imports.

## FOUNTAINS & WATER FEATURES

#### Architectural Accents 404-266-8700

www.architecturalaccents.com

Atlanta, GA

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 Pottery 888-ARCH-POT www.archpot.com Midway City, CA

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



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

#### Atlantic Fountains, LLC 860-669-1188

www.atlanticfountains.com

Clinton, CT

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

#### Bella Dura Architectural Stone 225-346-4045

www.belladura.com

Baton Rouge, LA

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

#### Champlain Stone, Ltd. 518-623-2902

www.champlainstone.com Warrensburg, NY

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



Haddonstone's Gothic fountain, shown here on an upper and lower base, is also available as a planter.

#### Haddonstone (USA), Ltd. 719-948-4554 www.haddonstone.com

Pueblo, CO

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

#### **Hunt Studios**

415-401-7745

www.huntstonecarving.com

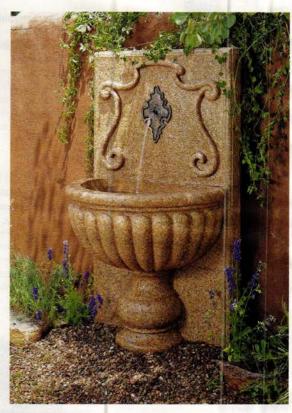
San Francisco, CA

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

#### Schwartz's Forge & Metalworks, Inc. 315-841-4477

www.schwartzsforge.com Deansboro, NY

Custom fabricator of architectural metalwork: straight, spiral & curved stairs; doors, railings, newel posts, lighting, gates, fences, grilles & fountains; forged bronze, monel steel & stainless steel; historic restoration.



The Provencal fountain from Stone Forest is typical of an 18th-century model; it's available in 36-in.-tall and 60-in,-tall sizes.

#### Stone Forest 888-682-2987

www.stoneforest.com Santa Fe, NM

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.

#### Stonesculpt 650-575-9683

www.customstonecarving.com

East Palo Alto, CA

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

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# LANDSCAPE & GARDEN SPECIALTIES

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

Canton, OH

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' pergolas are made using the firm's PolyStone columns with advanced cellular or fiberglass components; they are available painted or unpainted.

Chadsworth Columns 800-486-2118 www.chadsworth.com Wilmington, NC

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; shutters.

Click on no. 1580 for PolyStone; 180 for wood



This cast aluminum mailbox was manufactured by Custom Home & Commercial Accessories.

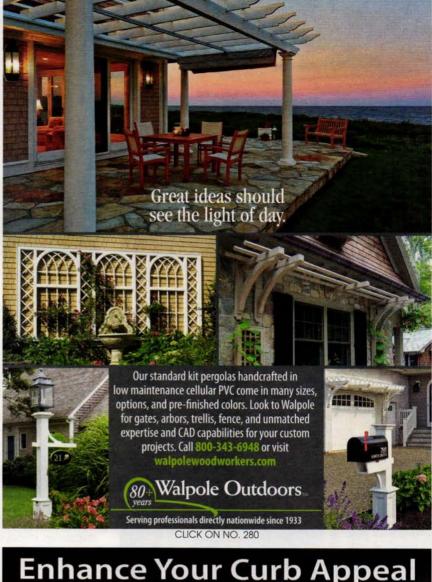
#### Custom Home & Commercial Accessories 800-265-0041

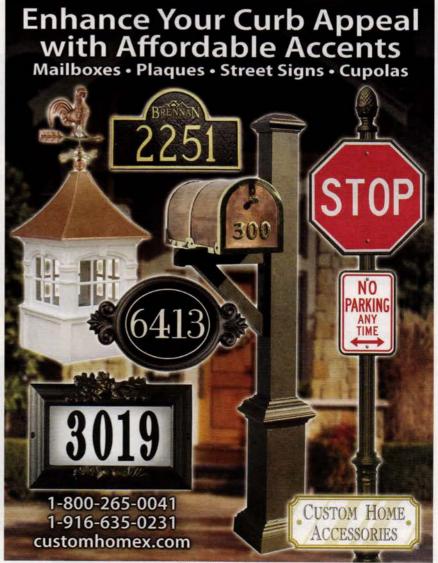
www.customhomex.com

Rancho Cordova, CA

Manufacturer of metalwork accessories: decorative, locking & commercial mailboxes in aluminum, brass, copper & stainless steel; signs made of brass, bronze & stone; lighting; copper weathervanes & cupolas.

Click on no. 527





CLICK ON NO. 527



Gavin Historical Bricks supplied its reclaimed Metropolitan Street Paver for this driveway in Lambertville, NJ.

#### Gavin Historical Bricks, Inc.

319-354-5251

www.historicalbricks.com

Iowa City, IA

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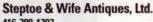
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www.steptoewife.com

Toronto, ON, Canada

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#### **Walpole Outdoors** 508-668-2800 www.walpolewoodworkers.com Walpole, MA

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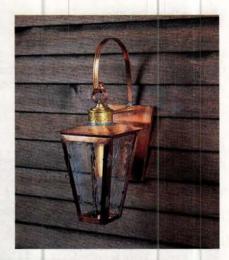
The Gray Rock Granite mail post and the Strong Box mailbox are both available from Walpole Outdoors.

#### Wiemann Metalcraft 918-592-1700 www.wmcraft.com Tulsa, OK

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

#### **Authentic Designs** 800-844-9416

www.authenticdesigns.com West Rupert, VT

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This exterior fixture from Ball & Ball Lighting is a reproduction of an 18th-century Philadelphia street lantern.

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www.ballandball.com

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

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www.haddonstone.com

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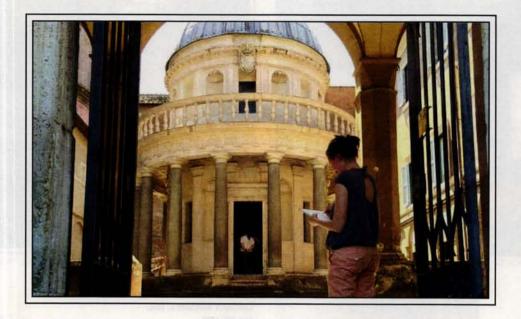
#### **Hugh Lofting Timber Framing, Inc.** 610-444-5382

www.hughloftingtimberframe.com West Grove, PA

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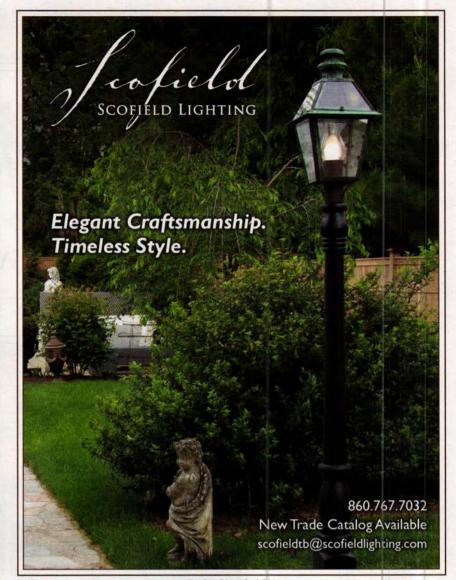
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Deep Landing Workshop's model L-CLD0203B is shown here with the LB-20 bracket; the lantern is 32-in. tall by 13 %-in. wide.

#### Deep Landing Workshop 877-778-4042

www.deeplandingworkshop.com Chestertown, MD

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

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This French Station post lantern is handcrafted by Scofield Historic Lighting.

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Wiemann Metalcraft custom manufactured this lantern in bronze.

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#### Wiemann Metalcraft 918-592-1700

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

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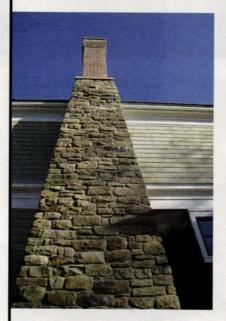
The Belden Brick Co, supplied its St. Anne blend for this residence.

#### Eldorado Stone 800-925-1491

www.eldoradostone.com

San Marcos, CA

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



Reclaimed stone from a historic reservoir was paired with antique Purington Street pavers from Gavin for this chimney in lowa City, lowa.

#### Gavin Historical Bricks, Inc. 319-354-5251

www.historicalbricks.com

Iowa City, IA

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

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Architectural components from Haddonstone, including window surrounds, quoins and cladding, were used on this façade.

#### Haddonstone (USA), Ltd. 719-948-4554

www.haddonstone.com

Pueblo, CO

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.

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#### Monarch Stone International 949-498-0971

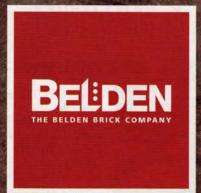
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www.newworldstoneworks.com King of Prussia, PA

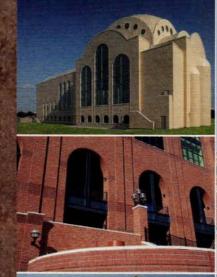
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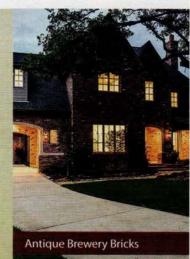


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Manufacturer of handmade brick, pavers & fireplace fronts: 12 styles of pavers; special shapes, glazed headers & arches; fired with coal to provide bisques & unique colors; custom sizes in any quantity; restoration

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Old Carolina Brick supplied the handmade bricks for these steps.



#### Old Carolina Brick Co.

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#### www.americaspremierpaver.com Winston Salem, NC

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#### **Rhodes Architectural Stone** 206-709-3000

#### www.rhodes-stone.com

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#### Rugo Stone, LLC 571-642-2672 www.rugostone.com

Lorton, VA 22079 Fabricator of natural stone elements: residential & commercial; dimensional-cut stones, fieldstone, veneers, clay-based terra

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#### Stoneyard.com 978-742-9800 www.stoneyard.com

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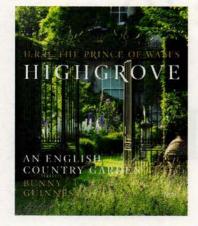
# Organic Gardens

#### Highgrove: An English Country Garden

By HRH The Prince of Wales, Text by Bunny Guinness Photographed by Marianne Majerus, Andrew Butler and Andrew Lawson Rizzoli, New York, NY; 2015

256pp; hardcover; 350 color photographs; \$50

ISBN: 978-0-8478-4561-3



Just off the south side of the house, the Sundial Garden in June is bursting with delphinium, one of Prince Charles' favorite plants. Carefully selected by The Prince, the colorful flower spikes of blues, purples and deep pinks are arranged in deep banks hedge with boxwoods.

Reviewed by Annabel Hsin

or most people, the term organic gardening will invariably conjure up fields of lush crops or garden beds and baskets of plump vegetables and crisp greens. At Highgrove, the private home and gardens of the Prince of Wales and the Duchess of Cornwall, the concept is hardly new and the method have been used to cultivate beautiful ornamental and kitchen gardens for the past 25 years, long before the emergence of the organic movement. For the house and the Orchard Room, the arrival point for guests, a specially built reed bed sewage system is used to collect wastewater. In the gardens, green waste is recycled for use as mulching material or compost. Even the willow and hazel structures used to support plantings are homegrown and homemade by the garden staff. There's also a re-established wild flower meadow for endangered plants and wildlife.

In Prince Charles' new book that bears the same name as his home, with text by celebrated landscape architect Bunny Guinness, his gardens are presented in chapters entitled with the 12 months. For every month, three to five gardens are introduced with accompanying short essays that lead the reader through the garden like a tour guide. Some gardens are revisited when a particular bloom, tree or sculpture is best viewed during that time of year. A comprehensive plant list of Highgrove's 34 gardens is located just before the index and a map can be found handily on the end leaf. What's impressive about the book is the gorgeous color photography; of note is the double gatefold depicting the avenue of fastigiated hornbeams leading to the Sundial Garden and south wall of the house.

The short essays are an entertainment in itself. They describe the logic behind the landscape design and plant choices, explain lessons learned from trial and error as well as tell interesting stories. In the Parkland that surrounds the house, for instance, there was a massive ancient ash tree presumably over 300 years old. While advising The Prince on planting trees and their care, John White, the former curator botanist at Westonbirt Arboretum, became concerned that the tree looked ill. White advised The Prince to pollard the tree — a process of cutting back old limbs to the main trunk. The Prince's response: "I will brace myself for the shock of seeing the poor old tree looking as though it has



been to the barber." It was a risk as there were no records indicating what would happen if a tree of that age were pruned so severely. Fortunately, the tree survived and is thriving; its result recorded in the Corporation of London Tree Pollarding book.

The Sundial Garden, featured in several chapters, has largely remained the same since The Prince had it constructed. As with much of the estate, when The Prince arrived at Highgrove in 1980, there was no garden in this spot but there was a great view of Tetbury Church and also less privacy. To create a more secluded garden, the Prince planted a yew hedge, now a world-famous attraction. The rest of the garden was laid out like a rose garden and over the years the space has seen many plant alterations, from a black and white color scheme to soft, pastel colors.

Today, it is a mix of mainly herbaceous plants. In January, there are frost covered hedges and clumps of snowdrops. Fragrant white jasmine and robust Mexican orange blossoms bloom in March.

Delphinium, one of The Prince's favorite plant, blooms in June where each plant is meticulously staked with cane to support the massive flower spikes of purples, blues, pinks and white.

The gardens at Highgrove are the result of The Prince's interest and patronage of different organizations that include protecting endangered varieties of plant, vegetable, fruit, tree, shrub and domestic animals. "It is worth stressing," he writes, "that I find myself growing up at a time when so much that had been carefully and lovingly developed, bred, nurtured and improved over thousands of years of trial and error was being callously and rashly discarded.... Now, of course, people are beginning to realize that all these things have an intrinsic value and are crucial to our long-term survival." Highgrove does a great job in demonstrating that organic gardening can extend beyond growing crops to restoring the damage done to the environment by harsh modern farming methods.

# It's Time to Green Garden Design

By Michael Weishan

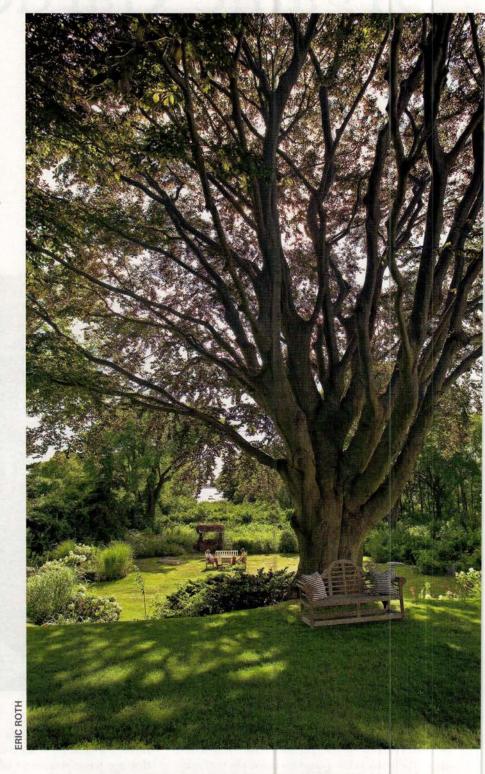
n the surface, the profession of landscape architecture should be among the greenest on the planet. After all, don't we spend our days creating and improving landscapes both public and private, giving the world another bit of living, breathing green-space? It's a very poetic image, but unfortunately the reality is we contribute heavily to the forces that cause climate change, and we—of all people—need to mend our ways.

As a profession, we must begin to consider the environmental impact our designs create. And I'm not talking here about the simple and easy-to-do things, like xeriscaping in dry regions of the country, or limiting vast expanses of lawn that consume almost as much petroleum as water. Rather, what I'm referring to is weighing the true environmental cost of various elements we propose in our designs, and then explaining these costs clearly and transparently to our clients.

Sometimes this process is fairly straightforward. For example, my firm recently designed a fairly elaborate pergola structure for a seaside villa north of Boston. Immediately came the question of what type of wood to use. The client was leaning toward tropical hardwoods, which would have performed well in this application, but when I pointed out the ecological damage harvesting these species often causes (despite claims of being plantation raised) the client opted for the much more renewable Western US cedar, happily waiting a few weeks longer for the custom lengths to be available.

Another example: a year or so ago we were asked to design a large stone terrace for a townhouse. The client and I visited a local stone yard to look at various options, and we were both initially drawn to a particularly lovely type of pale yellow sandstone. It turned out however that this stone was imported from India, which meant that the true "carbon cost" of the sandstone was double or triple that of locally quarried stone. (Ocean-going vessels produce staggering amounts of air pollution: a single cargo ship in a single hour can produce as much pollution as 350,000 automobiles. Collectively, ocean-going vessels consume two to three percent of the world's petroleum but produce 20 percent of world carbon emissions.) Ultimately, the client chose a stone quarried in Connecticut, not far from the job site. This decision both minimized the project's carbon impact, but also provided much needed employment in an economically depressed area of the state.

I realize that it's almost impossible to consider every design decision in light of its true environmental cost. And I also realize that sometimes clients simply don't care, or rationalize bad choices by contorted reasoning. (Back to the subject of wood: I recall a client years ago who insisted on using zebrano, an endangered tropical hardwood, for the cabinetry in her pool house. When I pointed out to her that zebrano trees were harvested in the wild, and often required the deforestation of an entire acre of rain forest to reach a single tree, she told me she realized that, but thought that by using this wood people would become more familiar with it and that would in turn help its preservation...) In cases like these, I follow a wise adage of my grandfather, telling clients when I first meet them that my practice is to say to you "no, that's not the best idea" three times. The fourth time, I'll tell you yes. But it rarely comes to that. I find that more and more clients do appreciate



knowing the ecological background behind various choices we propose, and that once informed, often green considerations will drive their selections.

Even more importantly, if we as a profession begin to let factors like carbon cost influence our proposals from the outset, we have the ability to dramatically reduce the environmental impact our projects create. Clients rarely come to us and say, "I want exactly this, or exactly that." Instead, they come describing a general vision and ask for ideas on execution. If what you propose is shaped with environmental concerns in mind from the very beginning, you've effectively created an ecological triage for the client, weeding out design options that would tip the carbon scales wildly in a negative direction. A few of the items currently on my no-fly list: fire-pits, heated driveways, and full-size specimen trees. That being said, I've installed all three at clients' request, but it's amazing how with a little thought and guidance we can put some green back into what should be the greenest of all professions.

Michael Weishan, former host of "The Victory Garden" on PBS, is principal of Michael Weishan & Associates, a landscape design firm outside Boston. www.michaelweishan.com



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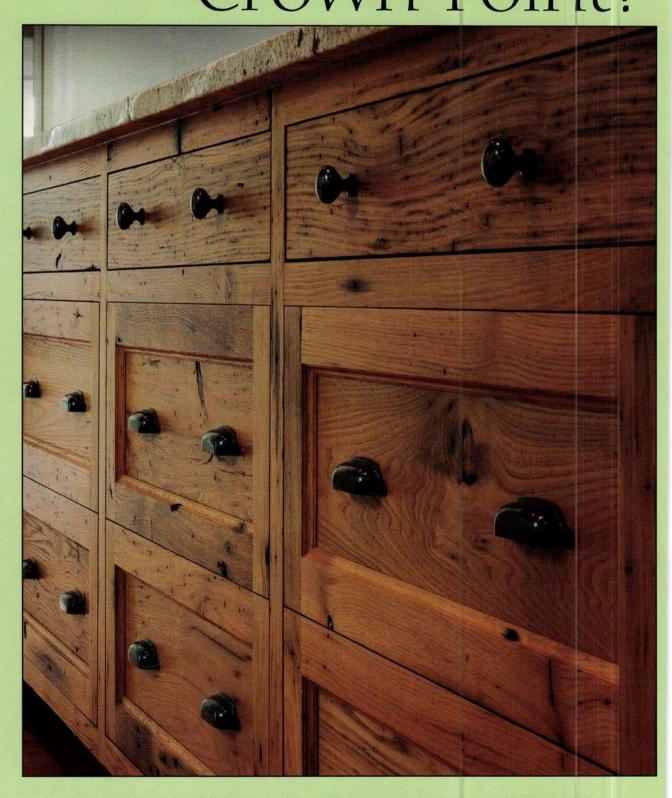
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