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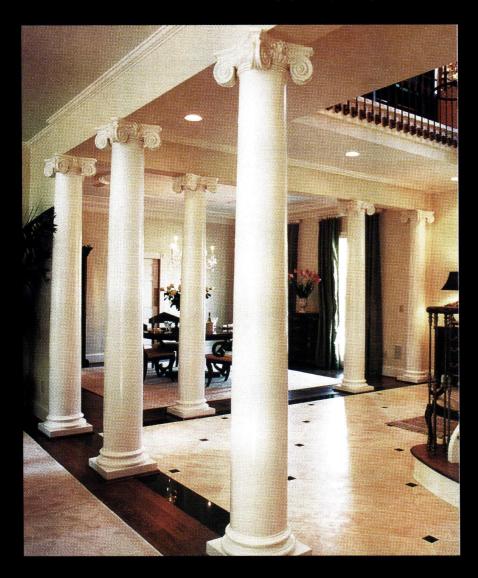
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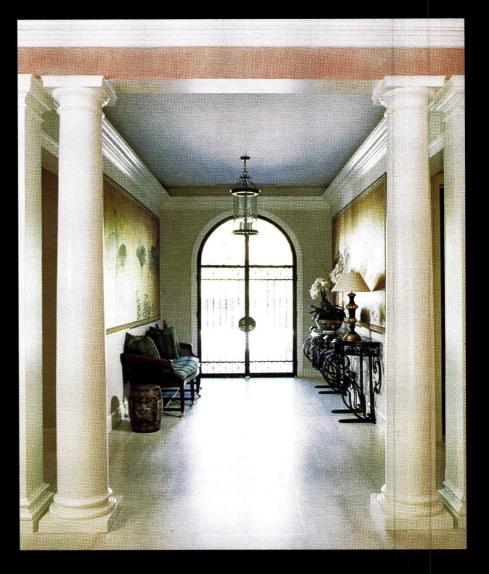
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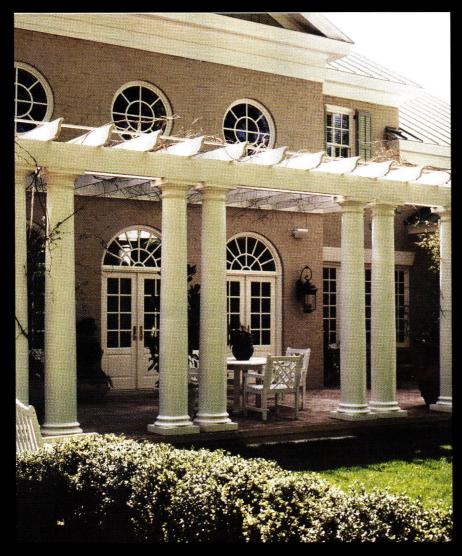
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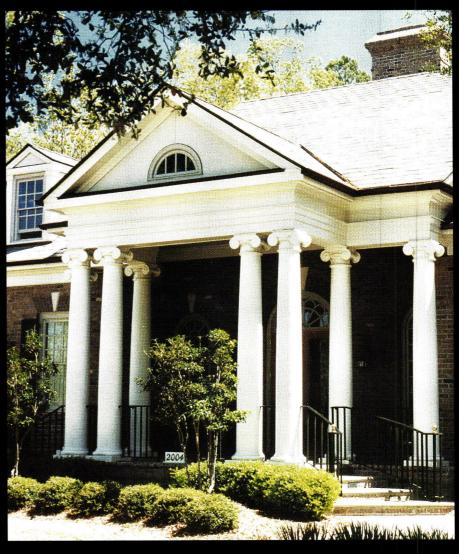
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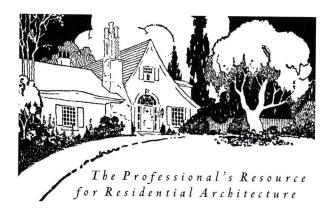


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ON THE COVER: Dubbe~Moulder Architects designed and built a 3,500-sq.ft. single-story rustic house for clients in Teton County, Wyoming. This hearth is crafted from rustic stone and wood. The complete profile of Dubbe~Moulder Architects can be found on page 8. Photo: Cameron Neilson, The Seen

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CORRECTION: In the Summer Edition, we published an article on the restoration of the Buster Keaton House (page 22). Unfortunately, the end of the article was truncated. You can read the complete article on our website: www.period-homes.com. Our apologies to the owners and the author.

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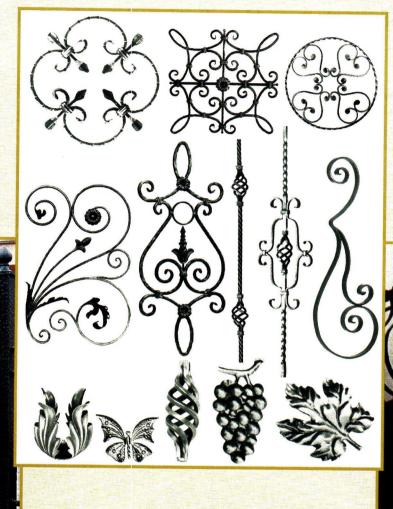
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Creating the Schematic Design for Chadsworth Cottage

One of the continual criticisms of Classical architecture is that it is "too expensive." An objective in creating Chadsworth Cottage is to show that beautiful architecture can be produced using available materials and products at an affordable cost. In this first installment of the Chadsworth Cottage Diary, the project designer details the process by which environment, historical precedents, and her client's desires were reconciled in her schematic design.

by Christine Franck, Designer

Then a client says that he wants a house that looks "like it's always been there," and he wants this to be a beach house for generous living and entertaining with all of the modern conveniences and a portico of two-story columns, and he wants it all built on a relatively small budget, the challenges to the designer are many. This is exactly what Mr. Jeff Davis, the owner and founder of Chadsworth Columns, said to me when we began designing Chadsworth Cottage as his new residence.

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ABOUT THE CHADSWORTH COTTAGE DIARY

The editors of Period Homes magazine responded enthusiastically when we first heard about the idea

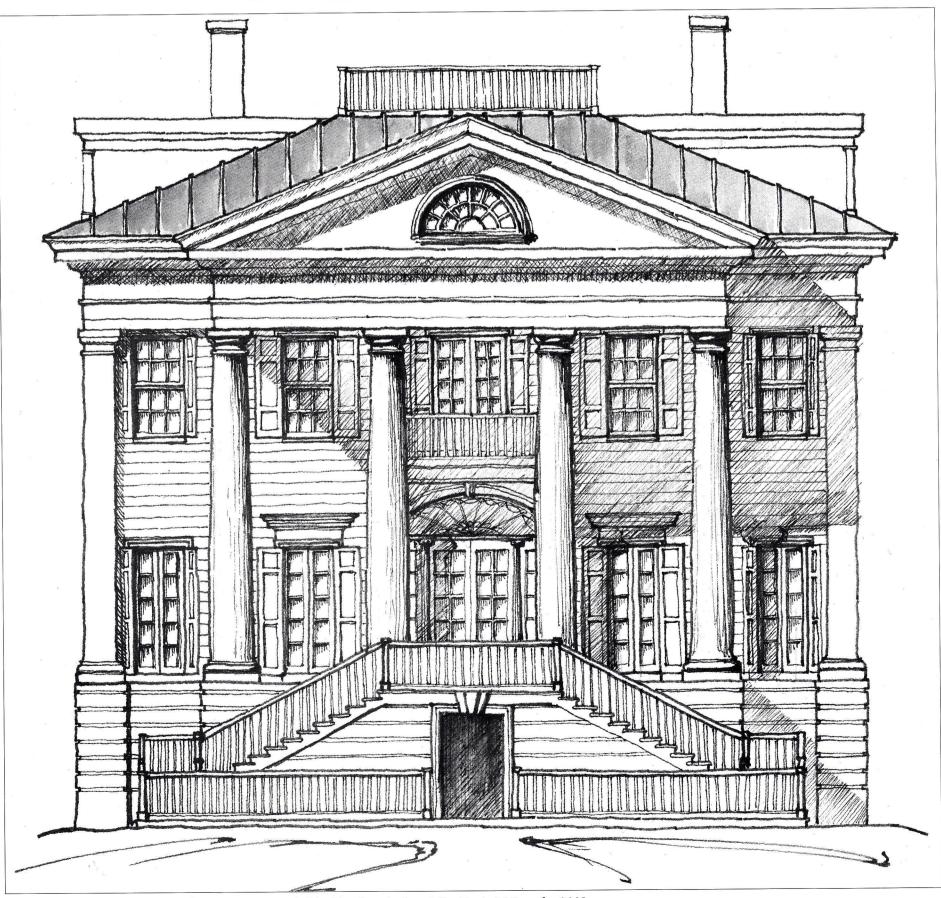
for Chadsworth Cottage.

The client, Jeff Davis, President and CEO of Chadsworth Columns (and also a member of the board of the Institute of Classical Architecture), shares our devotion to Classical design. Jeff and his design team came up with the concept of creating a modern residence that incorporates the principles

of Classicism into affordable design.

One purpose of Chadsworth Cottage is to demonstrate that beautiful, traditional architecture can be created for a relatively modest cost using readily available, off-the-shelf components (of the type often seen in the pages of *Period Homes*).

As the project moves ahead, *Period Homes* will chronicle its progress in further installments of the Chadsworth Cottage Diary.



Designer Christine Franck's waterfront elevation of a Figure Eight Island Residence for client Jeffrey Davis, 20 September 2001.

Risk Factors in Replacement Roof Slate And Tile

Asking the right questions in advance avoids embarrassments such as tiles that won't lock together, or roofing slate that's not dense enough to last in freeze-thaw zones.

By John M. Corbett, Restoration Trades Exchange

hen the roofing material spec says "as existing," or something to that effect, you have tricky choices to make; your decision will affect client satisfaction and your bottom line. With your purchase, you are committing yourself to one or another repair strategy, each with its own risks and benefits.

To help uncover roofing material pitfalls, we consulted with Mickey Miller, Sales and Technical Consultant for the Roof Tile and Slate Co., Carrollton, Texas, which maintains one of the largest inventories of salvaged slate and tile in the U.S. They also deal in new goods from reputable slate quarries and tile producers worldwide.

One reason that matching historic roofing slates and tiles is tricky is that these durable materials remain in service while the companies that produced them have mostly gone the way of the dinosaur. Beginning in the 1920s slate and tile lost sales to low-cost roofing materials such as the ancestor of today's asphalt-strip shingle. Consumers embraced the up-front savings these materials offered, even though they paid out much more in multiple replacements over time. By 1990 the market share for slate and tile together had declined to 4%. Over the last decade, however, someone must have begun doing the math on roofing costs because slate and tile has bounced back to a respectable 14%. This sudden recovery has sparked wider interest in the form of foreign imports, renewed domestic production, and an increase in salvage activity. These expanding options and new players offer many benefits
— and present a few problems too.

Salvaged Slate: Risks & Benefits

The most compelling advantage enjoyed by well-matched seasoned roofing material is its ability to vanish into the field in a way that bright new work never can. It will always be the first choice for preservation work. Salvaged goods also have cost and scheduling advantages. They are usually cheaper and immediately available whereas back orders for new slate and tile are usually measured in months, not weeks.

The main risk with salvage, of course, is condition: Confirm that there is at least as much service remaining in the replacement material as in the existing roof. Punky delaminated slate or cracked antique tile isn't just "used," it's used up! There is a belief, often promulgated by salvage dealers, that these historic materials can perform forever. Mickey Miller also cautions that buyers make sure they understand what sellers consider "usable" material as that may include considerable hip or valley pieces and fragments that may not serve your application. Even if you are getting whole pieces, expect more handling breakage than with new goods. A handson inspection is your best defense against surprises. If this is not possible, you will be relying on the reputation of the vendor.

Salvaged roofing slate is available from virtually every historical slate bed that has ever been worked for the American market; If you need it, someone probably has it — if they know what exactly it is. Mythmaking and the passage of time can obscure the true origins of this durable material, so be careful about casual identifications, no matter how emphatic. If in doubt, the

FOR MORE INFORMATION

You can find out more about the Roof Tile and Slate Company on the Restoration Trades Exchange website at www.restorationtrades.com. You'll also find listings for many of the country's leading preservation artisans, craftsmen, and contractors.



COST-SAVING SPANISH SLATE SUBSTITUTES FOR MONSON BLACK: An increasing volume of black slate from Spain has been finding its way into historical projects as a substitute for increasingly scarce and expensive black and gray-black slates from traditional domestic slate regions. Although these Spanish quarries have been operating since Roman times, exports to America are without much historical precedent and their use is a compromise between budget and authenticity. Regardless, this handsome, uniform slate is easily worked and rated as very durable. Here we see the slate applied over a rambling Queen Anne style porch, an approximate match for the aging Monson black slate on the main roof. When the main roof becomes due for renovation, it too will be replaced by the black Spanish slate.

only absolutely reliable way to know for sure is by laying a sample of the replacement slate into the field of the building's roof.

New slate is still available from virtually all these same historic slate beds — for a price. The price ranges from totally prohibitive to not-that-much-over the cost of salvaged material. The characteristics of these traditional slates are well understood and as long as they are coming from a reputable quarry, they can be purchased with confidence. Depending on age and weathering of the existing roof, new quarried slate can often blend enough to serve adequately as replacements in the field. Imported slate is another matter as some foreign producers are offering material that is neither dense enough nor consistent enough to perform roofing service. That said, there are reliable imported products which can serve as a substitute for expensive or unavailable traditional domestic slates and are worth looking at in certain cases.

Risks in Salvaged Roof Tile

It would seem that as a manufactured product, roof tile would be easier to match than slate. Unfortunately, according to Mickey Miller, it is not. Like slate, tile clay is a natural material whose appearance is peculiar to the location in which it was dug, but unlike slate, the character of tile is decided in the manufacturing process. High durability is achieved by a finer screening of the clay and higher firing temperatures — all of which serve to create a fully fused, non-porous, long-lasting tile. This is most critical in any environment exposed to freeze-thaw cycles. High and consistent product quality over the years has earned the Ludowici brand recognition as the defacto U.S. standard. Salvaged



BEWARE SALVAGED LUDOWICI TWINS: THEY LOOK ALIKE BUT DON'T PLAY WELL TOGETHER. Apparently identical, these two pieces of salvaged Clay Red French Profile tile were made in the 1940s in different plants (New Lexington, Ohio, and Coffeyville, Kansas) owned by Ludowici Celadon. Careful examination reveals numerous differences in the width of channels and ribs sufficient to prevent installation of any volume of one into the other. Individual tiles may be made to fit, but larger patches will "creep" considerably. Also, the Ohio tile (left) is noticeably redder, its clay having originated from a different bed than the Kansas tile. (Photo and information courtesy Roof Slate and Tile Co.)

Ludowici therefore commands a higher price than salvaged off brands and even most new imports. Expensive or not, Roof Tile and Slate maintains around I,000 squares of salvaged Ludowici in their yard but it seems to go out the gate as fast as it comes in.

With such a well-recognized industry standard, it seems reasonable to hope that copycat salvaged roof tile would be interchangeable. Not necessarily. Ludowici will rarely lock up with tile of its many defunct imitators. To further complicate the matter, tile from any one of the many plants Ludowici formerly operated won't necessarily fit tile from any other and will certainly not fit the tile they are manufacturing today, which is 3/8-in. smaller overall. As a result, the buyer must be wary when seeking units for patches, but can consider a wider range of options when replacing entire roof planes where compatibility to existing tile isn't an issue.

Some clients won't compromise any degree of authenticity for budget, being determined to have a particular historical material regardless of cost and availability. Roof Tile and Slate is currently serving such a client through production of a roof copied from pieces of a single antique tile found in the attic. The work is being done by a custom terra-cotta studio at a cost over \$2,000 per square. Similarly, there are traditional slate regions where roofing slate is no longer commercially produced but where quarries can be found that are willing to take custom orders — for a price. Mickey Miller has heard persistent rumors about divers who have found a Georgia quarry site at the bottom of a lake created by a 1930's flood control project, with slate stacked and palletized, ready for shipment. If they can talk about lifting the Titanic, that slate just may be available for the right Georgia project!

John M. Corbett is Publisher of The Restoration Trades Exchange, a web-based network of the leading artisans and contractors in the traditional-crafts fields. John is a former steeplejack and rigger, but now spends most of his time cataloging and chronicling the exploits of fellow tradespeople, rather than climbing buildings himself. When John is not in the field gathering data on the latest restoration and renovation projects — and the people making them happen — he can be reached on the web at www.restorationtrades.com or at (888) 852-8202. John Corbett reports on the doings of Exchange members in every issue of PERIOD HOMES.

Expert Mountaineers

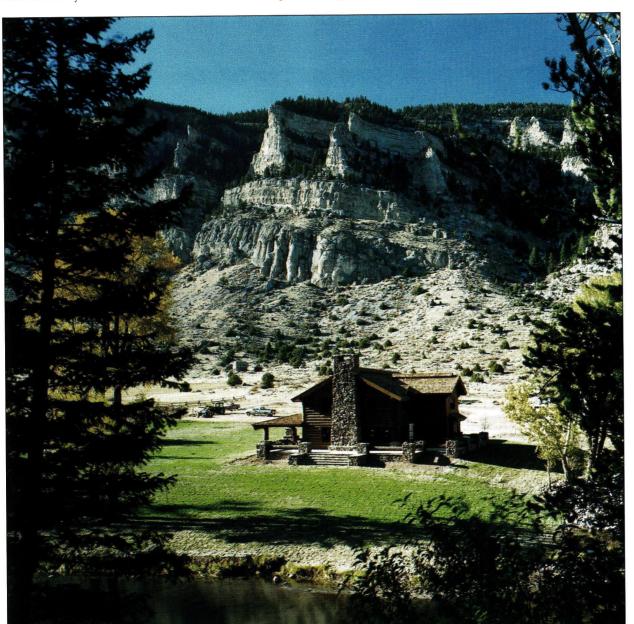
A team of well-traveled architects in a ski resort caters to a cross-country clientele by drawing on design traditions both haute and homespun.

by Eve M. Kahn

he crags and horizon-filling plateaus of Jackson Hole, Wyo., have attracted a population of more architects per capita than just about anywhere in the nation. Twenty-five architecture firms operate in this resort-hamlet of 16,000 year-round citizens — and that's not to mention the high-end carpetbagger designers from elsewhere who often stop by to build their clients' second or third or fourth vacation retreats. What sets Kurt Dubbe (pronounced "Doobie") and Chris Moulder apart from the hordes is the broad historical embrace of their work: No other firm for many states around could handle, with equal

virtuosity, a chinked log cabin, a Shingle Style ranch, an English clubhouse-like room paneled in Honduran mahogany, and a multi-family compound of board-and-batten cottages painted yellow to help defy the winter.

Dubbe and Moulder also stand out by way of their physiques: Chris is 6'6", Kurt is 6'7" and, the latter says, "We're known around town comically as 'the two tall architects." They met by chance at a local copy shop almost a decade ago; both were carrying rolls of blueprints, eyed each other from their mutual lofty eye height down the counter, and "we both kind of went



In a not-atypical Dubbe~Moulder client property, a valley in the Wind River range, the firm built a log-and-stone main house and guest cabin for owners fascinated by Western national-park architecture. (Photo: Cameron Neilson, The Seen)



Fueling the firm's continual re-explorations of the past and the region is a thriving sideline in preservation. The office has overhauled this sprawling sandstone hall on a Shoshone/Arapaho Indian reservation, built in 1928 as part of an Episcopal mission and destined to become a college facility serving both of the reservation's long-feuding tribes. (Photo: Kurt Dubbe)



Chris Moulder (left) and Kurt Dubbe pause momentarily on the stone terrace of a 7,000-sq.ft. residence, under construction, on the Snake River.

'ahah!"" Kurt recalls. They've only officially been Dubbe~Moulder Architects (note the tradition-spirited, ogee-like curvy cyma between their names, instead of an ordinary hyphen) since 1994, and they're both relatively young (Chris is a mere 39, and Kurt 46). Yet they've already built or rebuilt more than four dozen structures, some as far afield as Connecticut and Wisconsin. Clients come from professions as diverse as investment banking, moviemaking, and anthropology, with sites ranging from streambed hideaways to downtown highway intersections. These patrons can be so well versed in local vernaculars that they request nearreplicas of specific lodges in particular Western national parks, and then there are the skeptics who come insisting, as did one New England matriarch, "The only logs I want in my house are the ones I can burn in my fireplaces." Every customer receives a product executed to perfectionist construction standards.

"We're artisans, and there are very talented cabinet-makers, metalsmiths, you name it, out here for us to work with," says Chris, with characteristic plainspoken, infectious enthusiasm for the process. "Clients bring to the table their wants and needs and interests and ask for our spin on all that. We recognize that architecture is a service-based industry, and we aim to give our clientele *the best* possible service. And it's something we always find fulfilling."

Especially given the environs in which they get to work: How many other architects have a chance to enliven their promotional literature with mouthwatering scenes of snowcapped peaks and wildflower-strewn meadows, all actually located just up the road? The scenery in the brochures also plays a part in how the firm functions, Kurt explains: Whenever staffers get into visual ruts, they can recuperate just by heading for the hills.

Parallel Paths

The partners not only resemble each other in their love of the outdoors and their stylistically omnivorous design approaches, but both also took peripatetic routes to settling in Jackson. Both also come from Nordic backgrounds: Kurt's grandparents emigrated from Sweden and Finland to a one-room log cabin in Montana, and Chris's mother was a first-generation arrival from Norway who grew up in a Scandinavian enclave in Brooklyn, speaking no English until well into first grade.

Kurt grew up in Montana, earned an undergraduate degree in architecture at the Virginia Polytechnic Institute, and, after receiving a master's in architecture with a historic preservation emphasis at the University of Minnesota, spent eight years at Allan Greenberg's Connecticut and Washington, D.C., offices. In the early '90s he headed back west to build a private woodworking shop and movie-screening studio in Jackson for a celebrity he knew from his Greenberg years.

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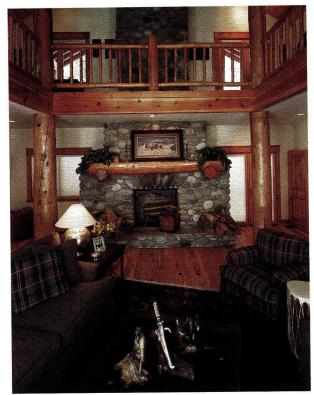
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Exuberant details on this structure include a plump log mantel resting on even plumper log-tip brackets. (Photo: Cameron Neilson, The Seen)

Chris, who grew up in Connecticut, ended up studying architecture at Kansas State University, partly because the Plains were "someplace I'd never been," he says. He earned his professional stripes at several Connecticut firms before taking a post at a high-end residential firm in Jackson. (In the course of the two principals' travels, both married Midwesterners: Kurt's Minnesota-born wife, Colleen, is now a social worker for Teton County, and Chris's wife Jolene, a Kansas native, keeps the firm's books. The couples are neighbors now, too, raising their families in a pedestrian-friendly subdivision where Chris serves on the architectural review board, helping keep at bay the ever-present threat of McMansions.)

"I'm one of the few people here who came for an actual job," Chris notes. "Most people come here for a ski vacation and then decide to quit their lives back home, interrupt their educations or careers initially, just for a year or two and then that can turn into 20 years. Sometimes they'll wait tables, do construction work, anything, just to be here."

After Chris and Kurt's fateful copy-shop encounter, they first just shared an office but then began collaborating. They now oversee a staff of eight in quarters within a self-designed Western false-front commercial complex. As for their management style: "We encourage everyone here to continually educate themselves," Chris says. "We tell our recent grads, 'Your professional education starts the day you graduate.' Occasionally, we'll hold a charette and ask everybody to design, say, a 2,000-sq.ft. Western/Stick Style home. We want everyone to be fluent in conversing in multiple architectural styles."

Climbing Heights

Clients have shown up bearing initial concepts for their

homes as unlikely as the patterns and hues in a single Persian rug, or their own poems expressing their feelings about their property, or the Victorian children's poem about the three little fishermen, Wynken, Blynken, and Nod, who set off to sea in a wooden shoe and were immortalized in Maxfield Parrish illustrations. (For this latter patron, Dubbe~ Moulder built a series of yellow-painted boardand-batten cottages based on traditional Norwegian farm enclaves, or tuns; she's named three of the structures after the poem's mariners.)

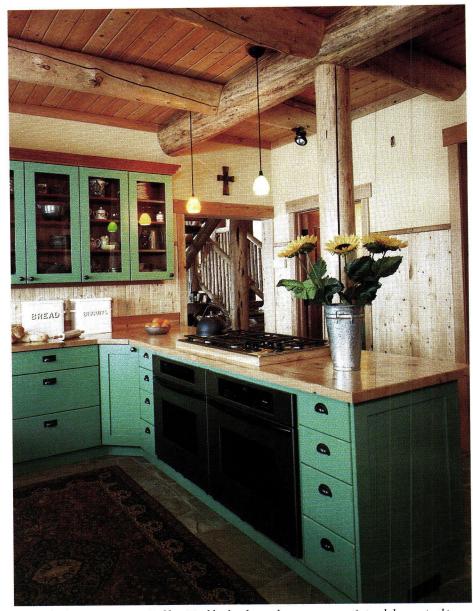
Clients also present program requirements as exotic as a swimming pool to be shared with several pet iguanas. (The homeowner to be paddling alongside these creatures is a well-known part-Lakota-Sioux author.) So it's no wonder, then, that there's no typical Dubbe~Moulder residential design. Certain features, however, do recur.

Some are pure defen-

sive maneuvers: The architects keep plantings as far back as possible from their more secluded Western buildings, for example, to reduce the risk of damage from forest fires. And the partners spec even more durable first-floor materials than you'd expect in mountain climes, because large and unpredictable animals often approach the houses — moose have been known to nuzzle Dubbe~Moulder bay windows, and black-bear families have been found pawing up the living rooms.

In overall form, the firm's exteriors tend to be demure, usually out of respect for nearby attractions like Teton cliffs and the Snake River's banks. (Yet Dubbe~Moulder handles urban backdrops with similar sensitivity — they're now building, for instance, a convenience store/gas station for downtown Jackson with deep porches and paired-log columns in homage to Charles Hamilton's architecture for Yellowstone.) The wood claddings and stone foundation materials that the partners prefer look indigenous, but in fact they're cleverly chosen imports from other Rocky Mountain states — just 3% of the whole county surrounding Jackson can be privately owned, the remainder is national parks and forests, and none of it can be logged or mined.

Inside Dubbe~Moulder homes, there's a sense of



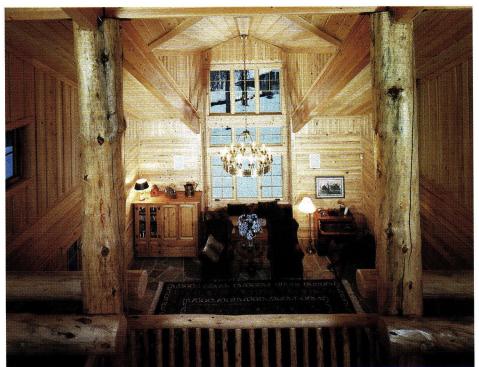
Even a kitchen countertop, in Dubbe~Moulder hands, can become a source of visual drama, in this case by supporting a bevy of columns and beams. (Photo: Cameron Neilson, The Seen)

the designers' delight in toying with regional and historical referents, and some of the details can be downright racy. Plump log mantelpieces rest on even plumper log-tip brackets. Fireplace-flanking stones form ziggurats up to the rafters. Unpainted planks splay like starbursts across cathedral ceilings. Even the simplest kitchen island can become, in Dubbe~Moulder hands, a support for lodgepole-pine columns or fieldstones dramatically stacked. The practice's commercial work, too, reveals such playfulness: In a coffee shop that Kurt and Chris designed on the first floor of their own office complex, S-shaped wooden tabletops rest on S-shaped metal mounts that bring to mind — inevitably, in this cattle-country context — oversize ranch branding irons.

Reaching Peaks

To fuel the practice's constant re-explorations of the past, Kurt and Chris run a thriving sideline in preservation. They've restored landmarks including a log-sided mountain-pass tollhouse, and a sprawling sandstone hall on a Shoshone/Arapaho Indian reservation that was built in 1928 as part of an Episcopal mission and is slated to become a college facility serving both of the reservation's long-feuding tribes. Also, the

continued on page 12



Unpainted planks splay like starbursts on the ceiling of this rustic residence. (Photo: Cameron Neilson, The Seen)



The architects further demonstrated their versatility with this classically inspired clubroom, in which the paneling and ceiling were carved from Honduran mahogany. (Photo: Cameron Neilson, The Seen)

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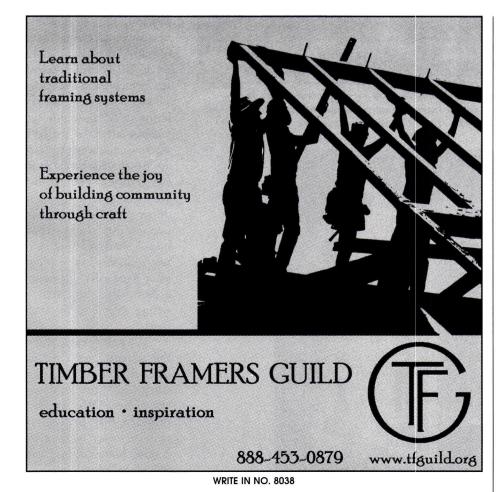
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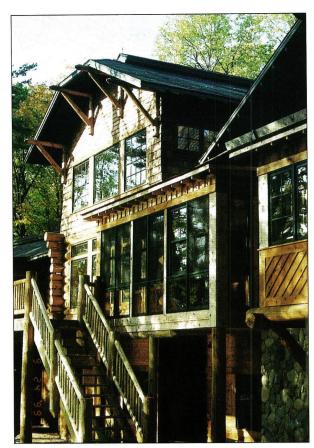
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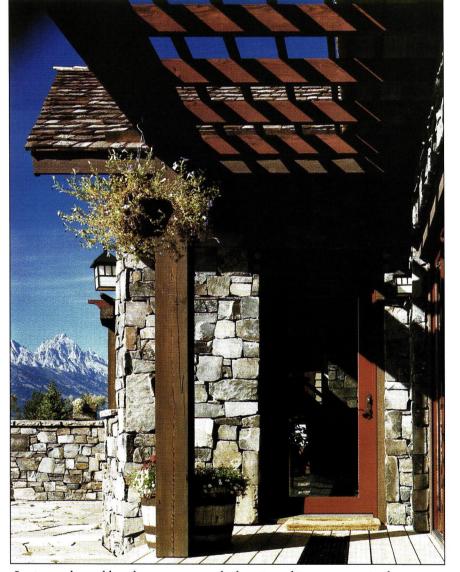
The architects keep expanding their practice's geographical and stylistic range: This north-woods camp/Scandinavian/Adirondack hybrid overlooks a Wisconsin lakeshore. (Photo: Kurt Dubbe)



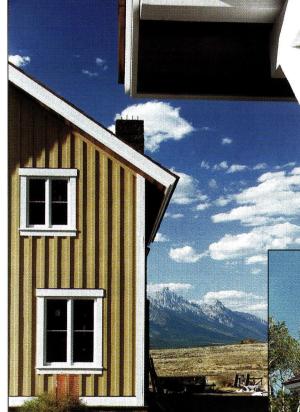
The Wisconsin house's opposite flank is edged in outstretched eaves and roof brackets. (Photo: Kurt Dubbe)



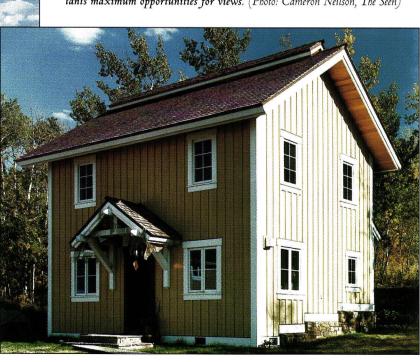
A quintessential Dubbe~Moulder moment: the refined meets the rugged, all executed to perfectionist construction standards. (Photo: Cameron Neilson, The Seen)



Loggias, porches, and low-slung masses, as on this home in a golf-course community, keep Dubbe~Moulder dwellings well integrated with their spectacular surroundings and allow inhabitants maximum opportunities for views. (Photo: Cameron Neilson, The Seen)



In the Teton range, Dubbe~Moulder created a family compound out of a half-dozen board-and-batten cottages based on Norwegian farm enclaves, called tuns. The structures are all painted yellow, partly to help defy the winter. (Photo: Cameron Neilson, The Seen) Inset: The family compound's patroness has been naming the various cottages after characters in her favorite Victorian children's poem, about Wynken, Blynken, and Nod. (Photo: Cameron Neilson, The Seen)

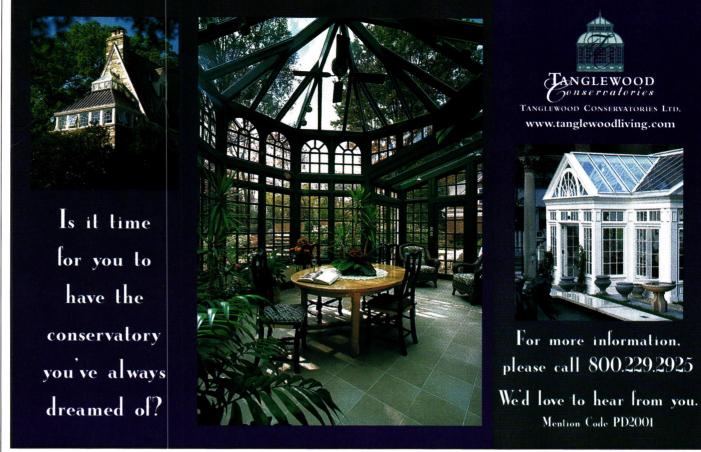


architects are overhauling a brick-walled, tin-corniced hotel in southwest Wyoming, across the street from a Union Pacific depot. The hotel once accommodated well-off train passengers and, after decades of abuse as a flophouse, is now destined to house an upscale restaurant and boutique hotel. And no other firm in Wyoming consults to the State Historic Preservation Office; Kurt, who serves on the state's National Register review board, notes that Wyoming is ending up with an unusually rich database about its historic buildings. "Yes, we're a young state," he says. "But that means that a number of first-generation settlers are still alive, in their 90s. They're being interviewed right now, and they're a remarkable resource."

Both preservation and new construction assignments have lately been luring Kurt and Chris away from Jackson. They're finishing a north-woods camp/Scandinavian/Adirondack hybrid on a Wisconsin lakeshore, for instance, and restoring an 1890s Classical Revival home in Minneapolis for a vintage-airplane collector who's been known to re-create Amelia Earhart's American voyages. The architects are angling for more interiordesign projects, too, and keep persuading clients that a house shell without architect-influenced furnishings is what Kurt calls "a person in a beautiful suit with the wrong shirt and tie underneath.'

"We're very excited about the prospect of expanding, basically coast to coast," Chris says. Kurt finishes the thought: "We want to broaden our professional practice base, while always coming home to this incredible place."











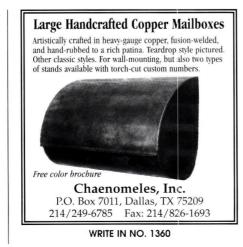


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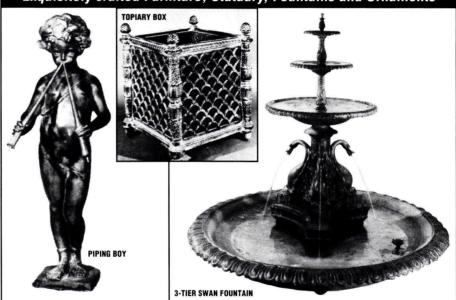


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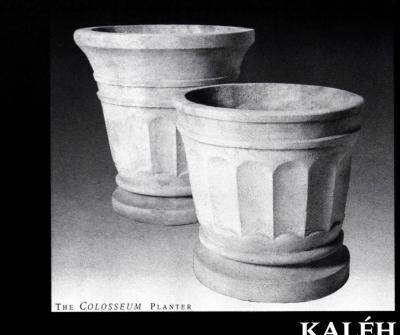
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My Dinner With Berman

Musings on the subtle complexities of the English and American Arts & Crafts Movement with scholar, designer, and consultant David E. Berman

by Dan Cooper

ne is always torn between emotions when a cultural artifact they've previously discovered suddenly splashes into the mainstream media. One experiences a measure of vindication (See! I told you that was cool!) tempered with dismay, because now everyone just loves Gustav Klimt, muscle cars and those wonderful little chocolates with Mozart on the wrapper. It's as if yet another piece of one's individuality has been lopped off to be shared with the general public, who will then purchase glossy calendars portraying the very items one has always coveted.

And so it is with the Arts & Crafts movement. Long cherished by architects and antique collectors, especially by those who would just as soon ignore all of that frilly Victorian stuff, the architecture and furnishings of the Arts & Crafts movement have leapt from cult status to omnipresence over the past decade. Yes, there is faddishness to it. (Do you think in ten years shopping malls will sport knock-off Stickley settles? Will Disney build another Arts & Crafts-inspired hotel? Probably not.) This style has left the realm of the cognoscentiand entered the popular architectural lexicon forever. Arts & Crafts will remain a presence much the same as the Classical, Colonial, and Mediterranean Revivals.

Consequently, many architects and builders are now faced with the task of creating an Arts & Crafts home for clients who possess at best a superficial knowledge of the style. And as with any historical style whose popularity suddenly peaks, the demand for accurate design often outstrips the availability of those who might properly execute it. Quality is compromised in both aesthetics and construction, and yet-another generation of shoddy revival architecture begins to dot the

North American landscape.

In an attempt to mitigate the damage, this writer sat down with David E. Berman, noted scholar, designer, and consultant of things Arts & Crafts for a discussion. We spoke of the many variations and influences which constitute the Arts & Crafts movement and the pitfalls of reproducing this seemingly simple, yet richly varied and complex style.

The Origins of the Arts & Crafts Movement

"The problem," notes Berman, "is that a little knowledge is a very dangerous thing: Most people still think that Arts & Crafts is synonymous with the Mission style and that it must be dark, heavy, and rectilinear. Every balustrade must be constructed of squared spindles, every door and window casing must be planklike." While David readily acknowledges the contributions of Gustav Stickley, he feels that "part of the Craftsman style's current popularity is due to the brilliant marketing of the contemporary Stickley-style furniture companies, which have brought Arts & Crafts to the masses, but in truth, the Arts & Crafts movement existed well before Stickley, and there were many stylistic variations during Stickley's time. The reality is that the Arts & Crafts movement began with William Burgess and William Morris in England in the late 1850s at the London Architectural Exhibition.

"Burgess was one of the early Gothicists, and he's referred to as the proto-high priest of the Arts & Crafts movement. His Gothic imagery and simple architectural forms were the touchstones for decades of architecture to come. And while William Morris was



David E. Berman of Trustworth Studios, Plymouth, Mass. (508.746.1847), works in both the English and American Arts & Crafts style. While spending a large portion of his time consulting and creating interiors for clients, he also designs and builds Arts & Crafts furniture and lighting. Here, he selects a Carol Mead wallpaper for a room in an 1890s Shingle Style home. (Photo: Scott Dorrance)

certainly at the forefront of the movement, he never actually designed buildings: He adapted existing structures and was more preoccupied with decorative arts and furniture."

continued on page 16



Voysey's Broadleys in Lake Windemere, England, has sweeping, overhanging roofs and reduced-scale fenestration on the road side, while on the lake front three semicircular Regency-style window bays take full advantage of the spectacular views. The comparatively small entry porch surprises the visitor by opening onto a double-story great hall.

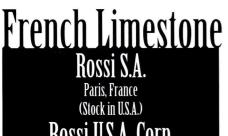


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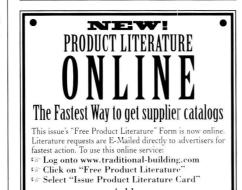
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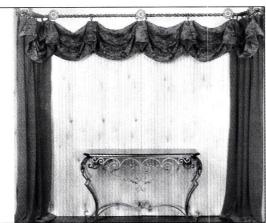
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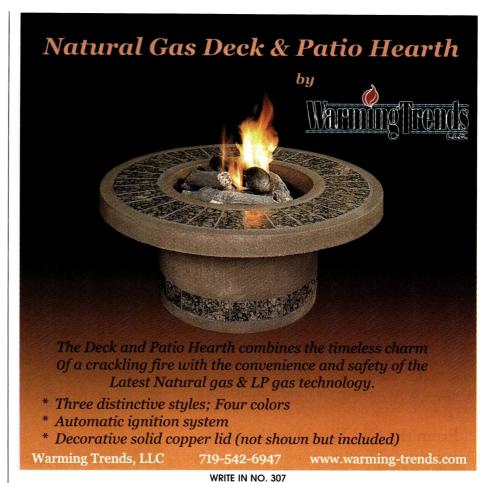
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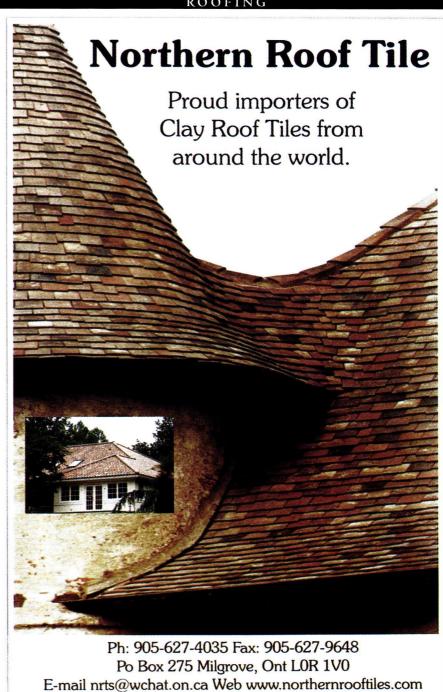


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Berman continued to elaborate on the origins of the Arts & Crafts movement. "Another English reformer, Charles Locke Eastlake, upped the ante and promoted this style, which is basically medieval revivalism, and made it accessible to the middle class with 'Hints on Household Taste.' You also start to see a fascination with the Swiss Chalet style, which has rustic/stick ornamentation, but more importantly, those low, sweeping roofs with huge overhangs that eventually morphed into the Bungalow roofline. Couple this with Wright and the Prairie School and Stickley and his Missions and you see where we get Arts & Crafts architecture."

Berman stresses that this is more than a history lesson. "It is critical to remember these stylistic roots, because the Arts & Crafts movement always reflects back to the Gothic as opposed to the Classical. It is English in origin instead of Continental. Structures are composed of squared timbers instead of turned columns. Gothic, and thus Arts & Crafts, is always based on organic form; it emerges and melds from the earth as opposed to being man's temple placed upon it."

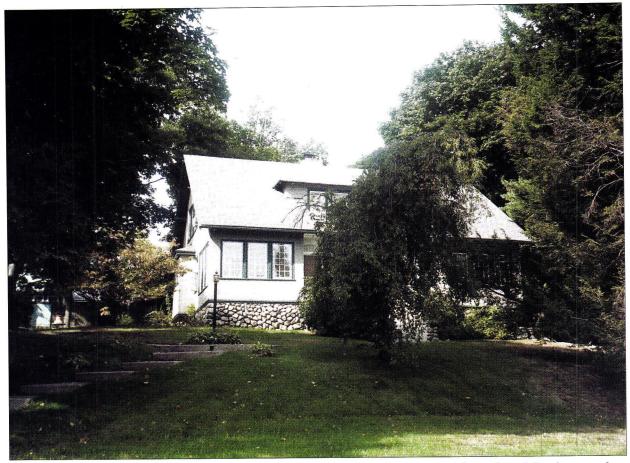
From the Old World to the New

There were several factions and permutations of Arts & Crafts, each subtly related yet distinct. The most recognizable name of the American Arts & Crafts movement was Gustav Stickley. "Stickley, like Eastlake, was a keen observer of the current trends and created a cohesive style that was available to all," says Berman. "The bungalow drew inspiration from the ancient Spanish Missions in the American Southwest and the Chalet style, then coupled it with the organicism of Stickley's English predecessors."

"Frank Lloyd Wright was much more stylized and less proletarian," says Berman. "He starts out cleaning up the Queen Anne style, and then adds a witty geometry to take it to a different place. Wright then evolves into Prairie School. He compresses and flattens the elements, the feel becomes horizontal and the structure becomes 'of the earth' not only in form but by utilizing

stone, shingle and stucco."

As America approached its Centennial in 1876, there was a reawakening of awareness of its historical roots. This included not only the Colonial Revival in



This Rockland, Mass., home possesses many of the elements that Gustave Stickley espoused. One may observe the English influences in the stucco exterior finish, casement windows and hooded dormer, but the exposed rafter ends and cobblestone foundation smack of the American faction of the Arts & Crafts movement.

architecture and decorative arts, but a movement towards Rusticism that included buildings and furnishings created from logs and twigs which were cut and bent to the desired forms. It was a romantic revival, and, while not necessarily Arts & Crafts by definition, it also drew inspiration from the Chalets it often emulated. It was only a short, stylistic leap from these buildings to the bungalow.

David feels that some of the most distinctive Americans were the Brothers Greene. "They adapted Japanese design to the bungalow style. Their Japonism is a very 'pure' rendition and has nothing to do with the Anglo-Japanese movement of the 1870s and 1880s: There's no Anglo whatsoever in the buildings; they are adaptations of actual Japanese structures."

Berman's muse is the English architect C.F.A. Voysey. Voysey, like so many of his fellow Arts & Crafts colleagues, designed not only the structures, but also all the furnishings whenever possible. "His playful, childlike style has none of the rectilinear ponderousness of much of what's termed Arts & Crafts; it is organic and beautifully laid out with an underlying highly studied geometry." He continues, "Voysey's failing was that he remained true to himself and never adapted to fashionable taste, thus he fell from popular favor, but his work has always been realized as genius.

continued on page 18



Mediterranean influences were also to be found in the Arts & Crafts movement. Charles Greene's James House in Carmel, Calif. is roofed with the red clay tiles so common to that time. The crisp stone construction and arches convey the organicism that was a basic tenet of Arts & Crafts design. Note the alternating courses of rough and dressed stone in the walls.



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It's only now, with the renewal of interest in this period, that more people are appreciating his work."

Arts & Crafts Design Today

Our conversation progressed from the historical aspects of Arts and Crafts and proceeded towards the practical. I asked David how he thought one could re-create Arts & Crafts structures convincingly. "What made original Arts & Crafts architecture work was a combination of proportion and distinctive materials. Unfortunately today, the materials employed in the past have become so prohibitively expensive that one is forced to imitate them. Plasterboard is substituted for stucco, stone is replaced with cement, inferior woods are used, and a particular peeve of mine is crudely made hardware and lighting that are pale imitations of what was used a century ago."

Berman insists that money is well spent on superior products. "Quality will out; a prime example of where reproductions of Arts & Crafts houses fail stylistically is the interior woodwork or finish trim. Instead of using quarter-sawn white oak, straight-cut red oak is often substituted. Aside from its wild, coarse grain that lacks the delicacy of white oak, it is dimensionally unstable. Red oak is a secondary wood and should remain so."

He continued on the subject. "To create a successful crown and/or beamed-ceiling treatment, one must take into account the huge number of complex miters that must be cut; one can't just simply tack up a huge crown molding and expect it to look authentic. It's better to have a few, well-proportioned beams than a clutter of ill-conceived ones. There need to be fascias and soffiting worthy of the original designers. Clients must put their money where it will show, even in something as simple as a flat door casing. The stock should be 7/8 to I in. thick instead of the current standard of 3/4 in.

This subtlety, when coupled with the proper wood species, produces a convincing massing that all the fussy, undersized casings will never yield."

David states that he frequently receives calls where potential clients say, "Î'm building a Voysey House and I want you to help me." And I'll inquire, "What's the exterior surface?" They'll reply 'wood' (Voysey houses were masonry) and I'll ask what the roofing material is, and they'll say 'asphalt' opposed to slate or tile. They're not building a Voysey house at all, they're constructing some McMansion with Arts & Crafts touches."

"The other dead giveaway to a bad re-creation is a total disregard for proportion," says Berman. "Today, architects are trying to force Arts & Crafts design elements on standard structures using standard dimensions, so you're basically getting a tract house with tiny moldings and contemporary scale that contains vague references to Arts & Crafts. It's es-



C. F. A. Voysey's Hollymount of Beaconsfield, England, displays several characteristics of his work, including casement windows set in stone and stucco construction. Note the broad gray-green Westmoreland slate roof as well. The arched doorway was also a favorite motif of Voysey's and framed so low as to appear designed for a hobbit; Voysey was just over five feet tall.



The Riordan Mansion in Flagstaff, Ariz., is an excellent example of the Rustic influence in the Arts & Crafts movement. Note the log construction of the upper stories (which is actually a veneer) combined with hand-split shakes. The rough stone arches, a frequent feature during this period, contribute to the primitive feel. The sprawling house counts several pieces of Harvey Ellis inlaid furniture amongst its collection.

sential that anyone designing a contemporary Arts & Crafts dwelling study the proportions and geometry of the original structures."

Berman also points out that clients deplete their budgets on interior volume instead of quality design and execution. "People feel that they need huge amounts of square footage, and they spend it all on space, scrimping on the finish elements that create an accurate feel. They should build smaller, better houses instead of these big, sprawling barns. There's a reason why the average house diminished in size after the turn of the century — no one but the very rich had live-in servants anymore. No one had time to run around polishing the brasses (let alone dust)."

Granted, the use of interior floor-space has

evolved greatly over the past century, but David cautions that attention must be paid to previous floor plans and functions of rooms for accurate reproductions. "Today's clients want a ridiculously large kitchen in which they can also watch television and fit several sofas. They want an open plan with no doorways that flows into each room. Here's a tip: When you remove all of the doorways and walls, the second floor flows seamlessly into the first. The "open look" is their choice, but when they ignore the massings and functions of the original designs, you just get a Great Room with bad detailing."

He also feels that one should strive to avoid the "kitchen sink" approach to design, wherein elements of various sub-styles are combined willy-nilly. "Just as one wouldn't place a rococo mantel on a Federal hearth, one shouldn't blend Rustic touches with Macintosh roses. The result is Mickey Mouse sight-bite design."

Berman's caveat to those considering building an Arts & Crafts home: "Don't try to go beyond your means with flash while sacrificing quality. Think about how much space you truly need, and what you can afford and build it as well as you can."



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The Soul of Stone

The use of stone in a garden is a signature of Arts & Crafts design. Well-built walls take into account the size and shape, as well as the grain of the stone and joint lines. Sensitivity to stone's locked-in energy can make the difference between a living wall and a dead wall.

by Keith Davitt

I was building and tried to explain the locked-in energy — the living quality of stone. "These stones aren't alive," he said. "They're stone-cold dead. Why, they're dead as stones!" He chuckled himself off the jobsite, but I have to say, these 20 years later, his view is by far the one most commonly held today.

But it was not always so. From a landscape builder's point of view, the most outstanding attribute of the Arts & Crafts period is the quality of its stonework. That quality is evident not only in how well masonry things were built, but also in the sensitivity to the materials employed. Stones were not treated as pieces of a puzzle ... as dead things to be fit together however they might. A stone was put into a wall, for example, not simply because it fit there but because it went well with the stones around it. There were also considerations of shape which would determine the line of the joints, of color harmonies, textures, and the flow of grain.

These considerations have long since been lost to the majority of stonemasons. Now it is nothing more than a jigsaw puzzle: If a stone fits a spot, in it goes, and to hell with the overall look, with the flow, with the 'life' of the wall.

Some of us (though all too few) still try to practice the principles that made the masonry of the early-20th-century Arts & Crafts movement so outstanding. As someone who has done a fair bit of stonework, I'd like to demonstrate those principles insofar as I understand and practice them. I'll show examples of good work, not such good work, and just plain (though not uncommon) bad work, and explain what, at least in my view, makes them so.

River Stone

Fig. I is a fairly typical example of a mortared wall of river stone. At first glance it does not appear to be a bad wall. On closer inspection, however, we find that it fails in every respect. From a purely technical perspective, apart from aesthetics, it is simply badly built. Notice Fig. 2, a detail of the wall. Obviously the wall has needed repair: It's leaning outward more than half



Fig. 1. This tall river-stone wall is built with inadequate drainage and little appreciation of the individual qualities of the stone.



Fig. 2. A detail of Fig. 1 shows extensive repair work was needed. In fact, unless weep-holes are provided, this wall will come down in a few years.

a foot at the top and, in fact, this wall will collapse within the next five years because of inadequate weep holes. A mortared retaining wall of any size, and especially one this tall, must have drainage holes or the pressure of built-up water will push it over. For a wall this tall, the holes should be at various elevations — from several feet below the top to 2 ft. or so above the bottom, and at least every 8 or 10 ft. apart.

From an aesthetic perspective, too, the wall fails. River stones, also known as river jacks and river rounds, are irregularly shaped, rounded stones commonly used in Arts & Crafts buildings. Because each stone has a unique shape, consisting of compound curves, they can be combined to create very pleasing harmonies with, for example, the outward curve of one stone fitting against the inward curve of another, or the curving line of one stone picked up and carried on in an adjacent stone.

Working with the stone this way creates a flowing motion of both the lines of the stones and the joint lines between the stones, which, in combination with their harmoniously arranged shapes and colors, can be quite visually satisfying. Whatever harmonies this wall exhibits are purely accidental. Look at the joint lines. There is absolutely no flow to them: They are static, self-cancelling, and generally displeasing to look at. Attempting to lay the stone in straight courses, a common and proper technique for working with many other stone types, is not suitable for river rock. No attention was paid to the individual qualities of each stone. They were thrown together as they came to hand because they were roughly of the right size, and this lack of sensitivity to the qualities of the stone shows in the wall. The mason had no feeling for each stone as an individual entity. They were instead, just units of building material and thus, the result is a dead wall.

Fig. 3 is a better example of working with the shapes



Fig. 3. An example of river-stone work showing some pleasing harmonies between individual stones, yet the wall remains static and lacks flow.

of the river stone. This wall stands in a mason's supply yard as a demonstration of how to work with split river jacks. (A river jack is split so that the inner side is flat.) Although not an outstanding wall, at least the stones were in parts placed with an appreciation of their harmonizing shapes. Tracing the joint between the stones, we find pleasing, flowing lines completely lacking in the previous example. However, the motion seems to emanate from the center of the wall and does not seem to really go anywhere, which causes the wall on the whole to seem static.

Fig. 4 is an image of a water garden I built as part of the entry garden for the Brooklyn Conservatory of Music. The water garden needed to serve as both a continuation of an adjacent brick wall and to balance the brick wall across from it. Thus it is transformed from the original brick wall into the second wall, gradually becoming a wall built entirely of river jacks.

As can be seen in this image and in Fig. 5, not only were the shapes of each stone considered but so too were the color and flow of the grain. No stone was



Fig. 4. A water garden built in the Arts & Crafts style features brick, brownstone, and river jacks harmoniously combined.



Fig. 5. Notice the flow created by the placement and grain of the stones, which gives this water garden a 'living' quality.

placed unless it worked well with the stones around it. (Note: When building a wall, I will pick up each stone at least five times before finding its home!) Each stone needed to contribute to the feeling of life, of harmonious, organic motion. If you look at any of the stones you can feel its movement; using the stones with an appreciation of these qualities give the construction life, energy, and motion.

Fig. 6 shows an exceptionally well-built and very pretty wall I came across in an old Brooklyn neighborhood. The stone-shaped weep holes are plentiful and well placed. There is not a great deal of flow to the wall, yet there is considerable sensitivity shown in the stone groupings. There is a comfortable, organic feeling to

continued on page 22



Fig. 6. A low retaining wall built of river stones is possessed of an organic quality.



Fig. 7. A detail of the wall in Fig. 6 shows a particularly well-formed grouping of stones.

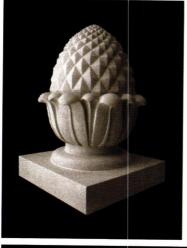


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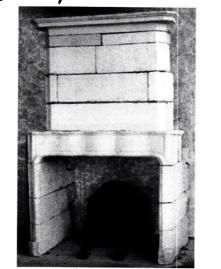
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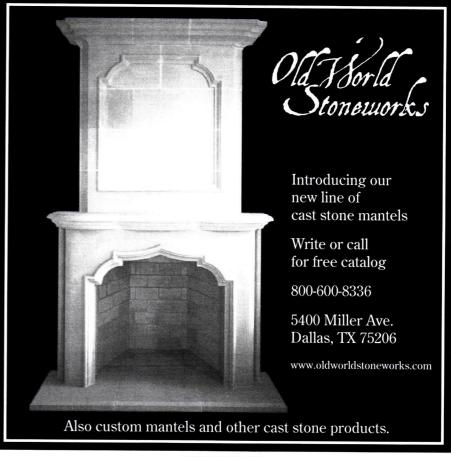
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the wall which could only have come from the mason's appreciation of the stones and from taking considerable care in placing them. The mortar was mixed with a coarse aggregate, and the joints were made intentionally wide — and now well aged — which contributes to their organic quality. Fig. 7 is a particularly attractive detail of this wall, with a large stone appropriately placed at the bottom and smaller stones radiating out around it. There is definitely a feeling of life in this wall.

Dry Walls

A technically well-built dry wall is always a pleasure to behold, and most times grain, color, and flow of joints are not factors. For it to be well built it need only adhere to a few simple principles: (I) If free-standing, it should taper from the bottom to the top so that it is wider at the bottom with each of the stones tilted slightly toward the center. The wall is "falling in on itself," which gives it strength. If a retaining wall, it should slope slightly into the bank. (2) There should be no vertical joints extending through more than two courses. The vertical joints should be tight, and the lateral joints should be level though not necessarily even across. (3) It should be backfilled with rubble during construction and given supports to the rear of the stone, where needed, with other stone, not soil. Long keystones should be placed intermittently, which extend back into the bank and help anchor the wall. (4) Finally, the wall should be capped with good solid stones, not small or flimsy pieces. (I always set aside capping stones as I go along, to prevent using them up in the body of the wall.)

Quality of construction is the most important factor in building this type of wall, and a well-built dry wall will always look good, but it can be given greater or lesser degrees of 'life.' This quality arises from an appreciation of the stones - individually and in combination with one another.

Most dry-wall stone types come in a variety of sizes, that is, a pallet will contain several thicknesses, lengths, and widths of stone and these differences should be utilized. Fig. 8 shows a wall built of stone with little differences in thickness. It isn't badly built, but it isn't very visually pleasing either. This limitation is a consequence of two factors. It was built with even lateral joints, but sloppily: Where it should be dead level across, it dips or rises. Its other sin is the lack of variety in stone: They are all pretty much the same thickness and for the most part the same length — that's more the fault of the stone than the mason, but it makes for a dull, uninteresting look.

Fig. 9 is even worse. It is a badly laid-up wall with long vertical joints that look bad and weaken the wall. A traceable joint extending upward through three courses or more is where, under stress, a wall will begin to fail. Furthermore, there will be no harmony between one stone and the next and not enough variety.

Now consider Fig. 10, a retaining wall in the same stone yard as the last. Except for the capping, which is weak, this example is a quite a fine wall. Why? For one thing, there is good variation and an almost-perfect blend of thicknesses well distributed throughout the wall. Also, the outer edges of the stones and how they relate to one another is fairly nicely considered: Each stone sits atop the one below and fits into the one next



Fig. 10. A well-made dry wall features excellent variation of stones, sizes, and good matching-up of edges.

to it comfortably. Where there is a depression below there is one above. Where the bottom stone protrudes so does one above, creating a harmony. And last, the edges of adjacent stones meet well.

The next two series of examples carry this concept a bit further.

In Fig. I I you can see this writer (as a younger man) a bit overly concerned with the levelness of joints. I split the stones to size, where necessary, and chiseled them for a tight fit. (I worked this soft, sedimentary stone using a carpenter's chisel that had a chip in the blade, which gives it an effective 'tooth.') I used a variety of sizes of stone, built the walls with attention to the basic principles for dry-wall work, created planting pockets to provide an organic element, and gave it a good solid capping. This type of stone hasn't got much character, so the chief virtues of these walls are the quality of their construction, the utilization of a variety of the stones, and the inclusion of planting pockets. Figs. 12 and 13 were taken 20 years after I built those walls. My initials

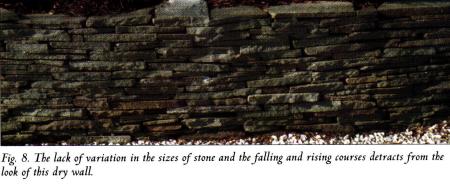


Fig. 11. The author, building one of his first dry walls, is fastidious about the level of courses.

had worn off the large stone I had carved them in, but not a single stone was out of place. Clearly, well built is worthwhile.

The wall shown in the next series I consider one of my better fieldstone drywalls. I built it with a friend (who upon hearing the concept of the locked-in energy of the stone, "got it" and worked well with it). The original wall in Fig. 14 had been given a fairly recent coating of enamel





look of this dry wall.



Fig. 9. Notice the long vertical joints, which weaken this poorly laid-up dry wall of river flats.



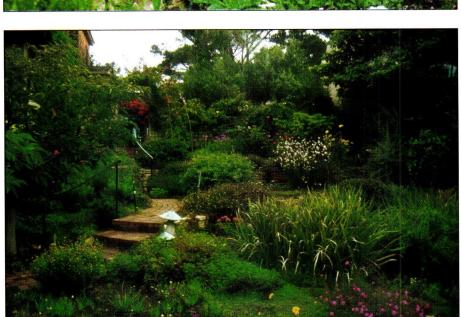




Fig. 14 (top). A heavy coating of enamel paint prevented drainage and caused this wall to collapse. Figs. 15 (middle) & 16 (above) illustrate the wall rebuilt without mortar, using various fieldstone. Notice the tight joints, the flowing lines within even courses, and the way in which each stone stands out.

paint which prevented it from draining, and down it came. We rebuilt it in two parts with the bottom 3 ft. protruding I4 in. from the top. Because it was completely without mortar, IO ft. high, and retained the rear yard of a neighbor, I felt this strategy was best. The

continued on page 24



Figs. 12 (top) & 13 (bottom). The same walls as in Fig. 11 endure, 20 years after construction.

CALENDAR OF EVENTS

RESTORATION + RENOVATION SHOW & CONFERENCE/New Orleans. Next venue for the Restoration + Renovation Show and Conference is scheduled for the Fairmont Hotel, New Orleans, Sept. 6-8, 2001. For full program details, call (800) 982-6247 or log onto www.restorationandrenovation.com

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ANNUAL APT CONFERENCE. The Assn. of Preservation Technology is holding its annual conference Oct. 3-10, 2001 at the Asilomar Conference Center, Pacific Grove, Calif. In addition to the regular program and tours, there will be three intensive training courses: Adobe; Scaffolding; and Seismic. To register, call (650) 968-6400. For full program details, log onto www.apti.org/2001confer.htm.

CATHEDRALS FOR A NEW CENTURY. The School of Architecture at the University of Notre Dame, South Bend, Ind., will hold an interdisciplinary symposium on sacred architecture, Oct. 21-23, 2001 at Notre dame. Titled "Cathedrals For A New Century: Church Architecture At The Beginning Of The Third Millennium," the symposium will deal with the nature and function of a cathedral. For more information, call (219) 631-6691 or e-mail cce.1@nd.edu.

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THE PALLADIO AWARDS. Annual award competition for Excellence in Traditional Design is co-produced by TRADITIONAL BUILDING and PERI-OD HOMES magazines; awards are given in the areas of Residential Architecture and Commercial/Civic/Institutional Architecture. Deadline for entries is Nov. 15, 2001. For complete details about the Awards and entry information, fax query (718) 636-0750, or e-mail htcstaff@traditional-building.com, or log onto www.traditional-building.com.

CLASSICAL ARCHITECTURE PROGRAMS. To CLASSICAL ARCHITECTURE PROGRAMS. 10 celebrate its 10th Anniversary, The Institute of Classical Architecture has developed an extensive program of Lectures, Study Tours, Courses, Salons, and Programs. Events run from September 24, 2001 through October 2002. For a full list of events and programs, log onto the Institute website at www.classicist.org.

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PRESERVATION TRADES WORKSHOPS.

IPTW 2001 is scheduled for Oct. 26-28, 2001 at Floyd
Bennett Airfield, Gateway National Recreation Area,
Brooklyn, NY. For the event, the Preservation Trades
Network (PTN) is partnering with the National Park
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Town on Staten Island. Emphasis in all workshops is
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17th ANNUAL BUILD BOSTON. Convention and trade show for design and building professionals in the northeast is being sponsored by the Boston Society of Architects/AIA, Nov. 13-15, 2001 at the World Trade Center, Boston, Mass. For further details, log onto www.buildboston.com.

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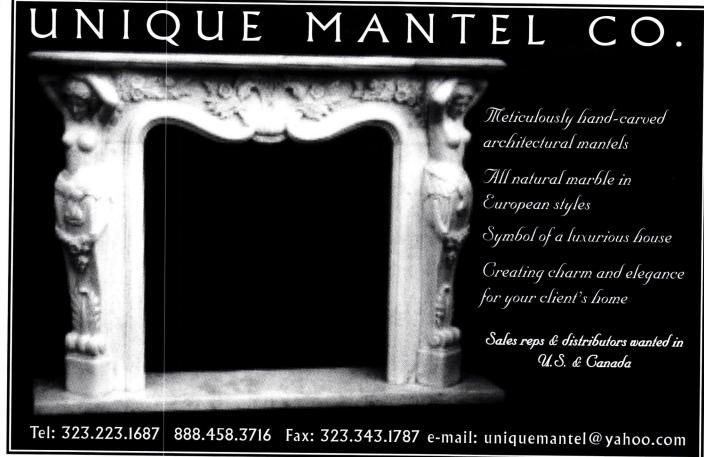
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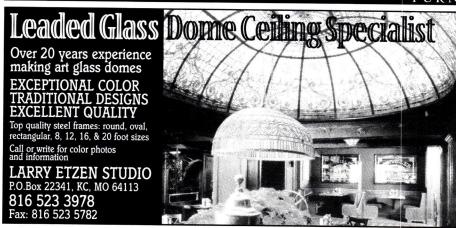


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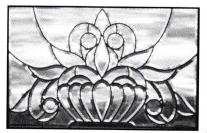
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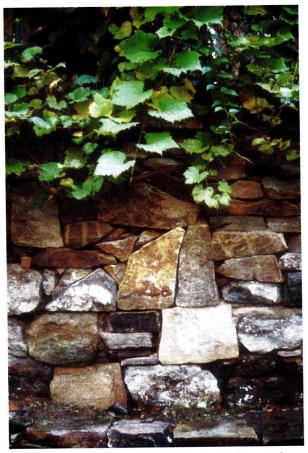


Fig. 17. This detail of Fig. 16 shows how the odd shapes of the stones were used to create patterns within the wall.

two tiers give it greater solidity. But look at the wall in Fig. 17: Fieldstone of this type is hard to come by in an urban environment so we had to use what we could get, but every stone here has a vitality highlighted by its well-considered placement.

Veneer Stone Walls

Veneer work — that is, facing a masonry construction, such as a block wall, with decorative stone — is far







Fig. 20 (top). Proper construction technique for veneer work is illustrated here. Fig. 21 (middle) & 22 (above). A veneered wall proves that grain, shape, and colors of stone, well used, can create a flowing, living wall.





Figs 18 (top) & 19 (above). Two types of beautiful veneer stone were laid without consideration of the locked-in energy — the life of the stones. Both walls are unnecessarily static.

more common than the built stone wall. To build a solid stone wall, whether wet or dry, is difficult, time consuming, and expensive; a freestanding, non-retaining wall is even more difficult because both sides need to be attractive, and the wall needs to support itself. Many stones are available for veneer work, and they can make quite fine walls, but again, working with the locked-in energy, the 'life' of the stone, makes all the difference.

Figs. 18 and 19 are walls made of beautiful stone, but are these walls beautiful? In Fig. 18 the builder attempted to



blocking energy. This quality is especially true of Fig.

18. The stones of Fig. 19 have a particularly prominent grain, which could have been used to great advantage. Instead, grains run in all directions, which is finally

Alternative possibilities are better expressed in the next series of images. This particular stone (velvet grey) in Fig. 2I is brittle and crystalline, with almost no possibility of curves, so getting flow out of it is difficult. I managed to create a pattern, but before reading on, look at the images and see if you can discern what

Taking into account shape, size, grain, and color, I laid the stones in a configuration that flowed from the bottom left and right and worked toward the center (Fig. 20), which created a wall that almost seems to be in motion. Not just a collection of stones, the wall reaches out to you, its identity created by the individual qualities of its components, and as such, this wall lives.

Playfulness, curiously enough, is the final result of mastery, and mastery in stonework arises from an intimate familiarity with and personal appreciation of the vitality and nature of individual stones. Nowhere is this so evident and so wonderfully expressed as in

Arts & Crafts structures. Consider, for example, Figs.

23 and 24. The mason seems to have worked with

what gives this wall its static quality.

the pattern is.



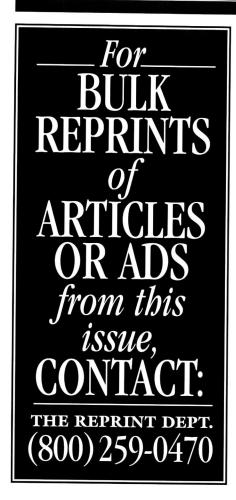
Figs. 23 (top) & 24 (above). Appreciation for the individual qualities of stone, and a facility for working with them, gives rise to a whimsical element in masonry construction. The ability to use stones in a whimsical fashion, to combine different stones, or to combine stones, brick, and other elements, into a single creation characterized the Arts & Crafts creations, as this Arts & Crafts house in Brooklyn, N.Y., demonstrates.

stone, evidenced by a consistency of flow. However, both walls are static in stone shape and placement. The stones seem to have been placed because they fit, but there is no regard for overall composition. The joints between the stones are, for the most part, start and stop; a directional motion is cancelled by contrary directional motion, and the overall effect is one of static confinement or energy

work with the grain of the stone, evidenced by a consistency of flow. However, both walls are static in stone shape and placement. The stones complete creative freedom, combining brick and stone, stone and iron, wood and other materials, and blending different types and sizes of stone, using broad surfaces with edges, building out from the vertical plane, and working with the shapes of stone to echo the forms of the structure.

All of which works together in this Brooklyn Arts & Crafts house to create an organic 'living' structure which is at once massively sturdy and wonderfully whimsical. This is not just a house; it is a work of art in stone, arising from an appreciation of the vitality that inhabits every piece of rock. •

Keith Davitt is owner of and chief designer for GARDENS, a landscape-design and project-management team in Park Slope, Brooklyn, N.Y., which handles projects nationwide. He can be reached by phone at 718-857-1787. Visit his website at www.gardenviews.com





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Artfully Crafted Arts & Crafts Books

by Eve M. Kahn

Greene & Greene, by Edward R. Bosley. Phaidon, 240 pp.; 315 color illus. & 253 b&w illus.; \$75; ISBN# 0-7148-3950-7.

he Greene brothers made an unlikely business team: Charles Sumner Greene was a perfectionist artiste. He'd destroy and rebuild foundation walls if he didn't think they looked sufficiently rustic; he'd inlay the simplest footstool with semiprecious stones that the client hadn't ordered, and then deliver the unwanted piece months late. As one acquaintance put it, he seemed "only one-third with us in the real world."

Henry Mather Greene was a sunny-tempered pragmatist. His notion of a radical design idea was to hang a skylight over a stairwell, and he would have rather cut his own fees than overspend a client's money.

This incongruous pair collaborated on hundreds of influential houses before World War II, mostly near their Pasadena office and in an unpainted, site-hugging Arts & Crafts vein. They peaked young: They were both barely around 40 when they finished their masterpiece, the Gamble House, and they lapsed into somewhat-impoverished obscurity thereafter. For all their professional travails, and their seeming incompatibility, Edward R. Bosley writes, "The two men were never known to have spoken a harsh word to each other."

The David B. Gamble house in Pasadena, completed in 1909, is considered by many to be Greene & Greene's finest work. This illustration, from Edward R. Bosley's <u>Greene & Greene</u>, shows the house, with its numerous porches and terraces, from the northwest. The author is also director of the Gamble house, the only one of the architects' residential projects open to the public.

Bosley is the director of the Gamble House, the only Greene creation open to the public. He devotes most of this book to meticulous, chronological building descriptions, illustrated by period photos and some recent full-color images. He helpfully mentions the current condition of most of the projects, and amid his design analyses he interweaves plenty of biographical detail about the intriguingly mismatched brothers. Even their childhood doodling styles differed, Bosley observes: Charles, the elder by I5 months, sketched in freewheeling, spontaneous, and impressionistic fashion, while Henry's drawings turned out "more controlled and methodical." The boys grew up in St. Louis, and had New England ancestry (forebears included a number of successful housewrights and, on their mother's side, the Mathers of Massachusetts Congregationalist ministry fame). Their ambitious father Thomas had reinvented himself in middle age from a bookkeeper into a prominent homeopath, and he practically forced his boys into architecture.

He sent them to a technical high school and then to MIT (which ran the country's first formal architectural training program). Thomas also urged his sons to plan on partnering someday, so "they would fare better in the nation's competitive post-war industrial economy," Bosley writes. Henry sailed through MIT with good grades, while Charles scraped by, complaining along the way about everything, including the gloomy dull-

red color of the main classroom building's monumental sandstone staircase.

Despite Thomas's prodding, the brothers did not undertake a joint venture right after graduation: They bounced around separately, taking apprenticeships with alumni of H.H. Richardson's office. Then their parents' health started failing — their mother Lelia developed an asthmatic condition, and Thomas suffered psychological problems, perhaps due to long-delayed aftereffects of his traumatic experiences serving in the Civil War.

The senior Greenes moved to Pasadena for its healthy climate, and Greene & Greene opened there in 1894. It quickly won commissions for dozens of bungalows and Queen Anne and Shingle-Style homes.

In these early projects, Bosley finds forerunners of just about every aspect of the brothers' mature style, such as shake siding, outstretched rafter tips, cobblestone foundations, outdoor-living zones, and beamstriped rooms. Within a decade of opening their office, the Greenes had perfected their short-lived signature mode.

Bosley painstakingly describes its lofty inspirations, especially facets of Californian landscape and culture: The brothers made their houses seem always-there by specifying locally milled and quarried materials, and incorporating Native American and local-flora motifs into stained-glass panels and art-pottery fireplace tiles. The Greenes drew on other Pacific Rim traditions as

well: Their exposed-beamed walls resemble shoji screens, for example, and their window mullions and furniture handles and stretchers often feature Chinese "lifts."

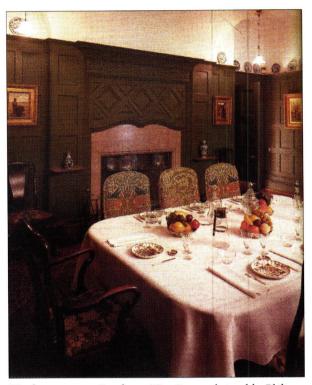
In every detail, they maintained obsessive standards of craftsmanship that have rarely been equaled: Open up a Greene cabinet, and even on its inner wall, you'll find slots on the screw heads all neatly run parallel.

Just as the firm was beginning to prosper in 1909, as the Gambles (of the Procter and Gamble soap fortune) were moving into their redwood-sided elaborately carved marvel, Charles took a six-month leave to tour England with his family. (In 1901 he'd married a bohemian Englishwoman; 19 months before, Henry had married a no-nonsense Midwesterner.) Henry took over the business in his brother's absence and started producing handsome, although somewhat stodgy, homes. When Charles returned to the U.S. he never really focused on architecture again: He designed furniture, explored Buddhist and Theosophist esoterica, and dabbled in writing. (His melodramatic unpublished novel features an MIT-trained architect who is kidnapped and forced to design a house for an opera diva.) When Charles did build, for instance his own studio, he worked in a cryptic language of geometric and organic ornament that he wouldn't explain even to his own family.

Officially the ailing partnership died in 1922, and the Depression killed what little solo practice the brothers were able to establish. Only in the 1950s were they rediscovered, thanks to critics and historians like Esther McCoy and Lewis Mumford. In 1952, the AIA gave the Greenes a Special Citation, calling them "formulators of a new and native architecture." They were thus finally honored for having blazed trails with their glorious, youthful flame-out.

The Arts & Crafts Lifestyle and Design, by Wendy Hitchmough. Watson-Guptill; 192 pp.; 120 color illus., 10 b&w illus.; \$35; ISBN# 0-8230-0314-0.

Hitchmough paints a detailed portrait of how Arts & Crafts homeowners in the U.S. and U.K. furnished and behaved in every room, down to how they dressed for tea in their Morris-vine-wallpapered salons (if they were unmarried young women, in white high-collared gowns), how they cleaned their Christopher Dresser cutlery (by soaking it in tea leaves), and why they separated their dining rooms and kitchens by long hallways (in gourmet-phobic Britain, at least, they didn't want unsavory cooking smells to spoil their guests' appetites).



The dining room at Standen in West Sussex, designed by Philip Webb in 1891, is featured in Wendy Hitchmough's <u>The Arts & Crafts Lifestyle and Design</u>. The table setting and chair fabrics are focal points of the room, while Benson pendant lamps cast a pattern of rays across the ceiling.

The seven chapters of Hitchmough's book each focus on one domestic zone, such as receiving areas or servants' quarters. Illustrations largely consist of recent photography of spectacular surviving structures (such as William Morris's Kelmscott Manor, Philip Webb's Standen, Ernest Barnsley's Rodmarton Manor, the Greenes' Gamble House, H. H. Richardson's Glessner House, and Stickley's Craftsman Farms), plus a few floor plans and full-color period room-setting proposals. All that's missing is some vintage photography of homeowners actually leading their supposedly downto-earth lives, paradoxically amid bevies of servants.

Living in the Arts & Crafts Style: A Home Decorating Workbook, by Charlotte Kelley. Chronicle, 128 pp.; 250 color illus.; \$24.95; ISBN# 0-8118-3119-1.

Although the target audience for this introductory book isn't professional, it will make a handy reference to give to clients still defining their tastes.

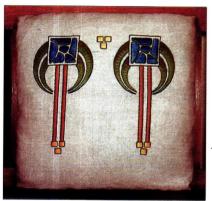
Scores of thumbnail images of Arts & Crafts products are all arranged by type of object (many with captions noting which manufacturer now sells reproductions of the pieces), from surface treatments like paint, paneling, floorboards, and tile to accessories like lace and silverware.

The selections cover the full stylistic gamut of Arts & Crafts, too, from the sparest Stickley side table to the most theatrical Burne-Jones tapestry. At the back of the volume are pull-out cards with pictures of Arts & Crafts bestsellers, so your clients can snip out their favorites and arrange and rearrange them into the room settings they're learning to envision. ◆

BUYING GUIDE TO ARTS & CRAFTS SPECIALTIES

About This Buying Guide

To create this Buying Guide, the Editors contacted suppliers of ARTS & CRAFTS SPECIALTIES from our database of companies that provide historical products and services to our audience of residential design and building professionals. From the companies' responses, the Editors selected the suppliers you'll find below and on page 28 because they provide a good up-to-date cross-section of the market, both geographically and in the variety of their offerings. There are other Buying Guides in this special Arts & Crafts issue that list companies who will provide products in the Arts & Crafts style: The Hand-Built Wood Interior, pp. 39-46; Arts & Crafts Tile, pp. 82-84; Period Kitchens, pp. 96-99; and Interior Lighting, pp. 112-118.



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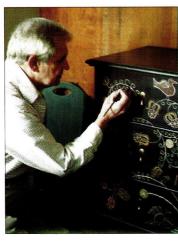
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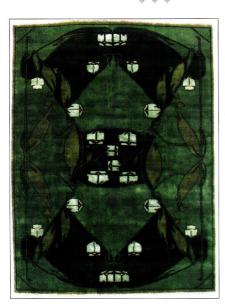
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Voorhees Craftsman 707-584-5044; Fax: 707-584-3502 www.voorheescraftsman.com Rohnert Park, CA 94927

Offers an exclusive high-end custom line of reproduction Arts & Crafts furniture backed with 20 years experience in restoring and marketing Stickley, Limberts and Roycroft antiques. 5,000 sq.ft. showroom. Experience with custom projects.

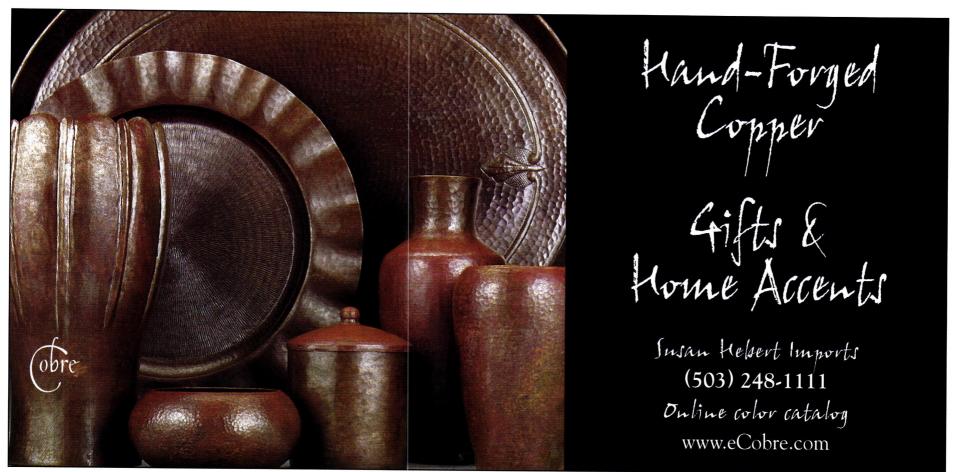


WOOD ESSEN-TIALS' handcrafted medicine cabinet is available in maple, Honduran mahogany, and stained white oak. Write in No. 114

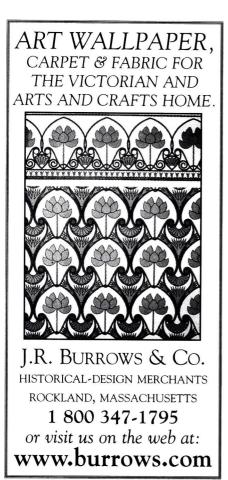
Wood Essentials 212-717-1112; Fax: 212-717-5235 www.woodessentials.com New York, NY 10021

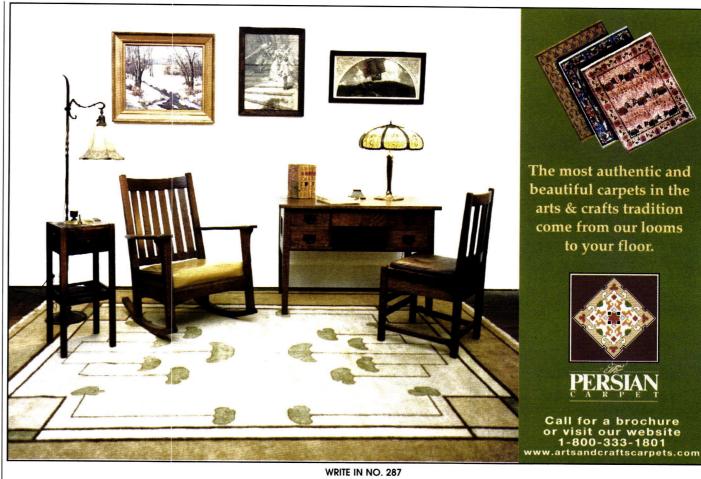
Fine hand-crafted medicine cabinets: traditional, recessed design with beveled mirror and glass shelves. Available in two sizes, finished or unfinished, in solid mahogany, white oak, maple, or painted white. Write in No. 114

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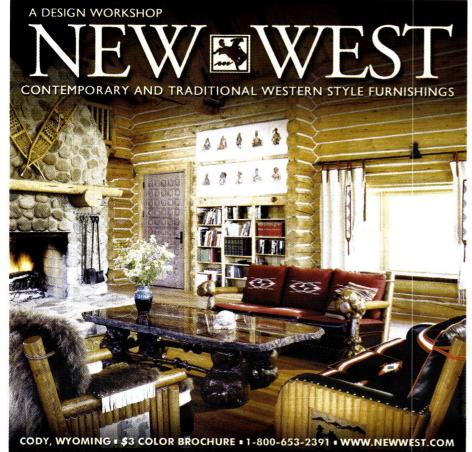


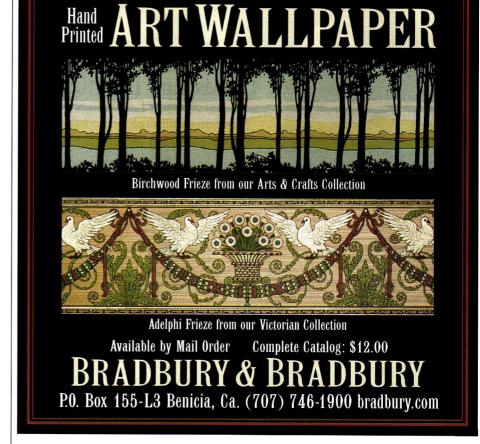
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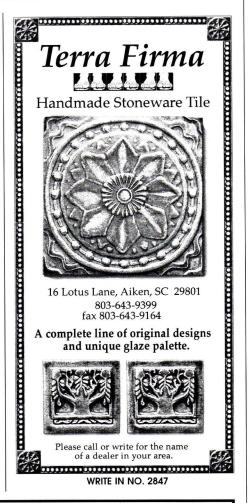


Available in Mahogany, Oak, Maple, or Painted White.

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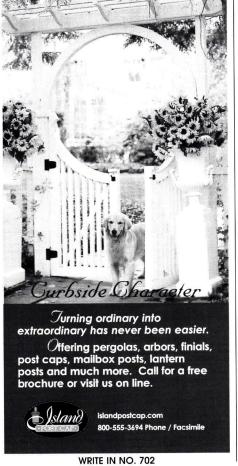
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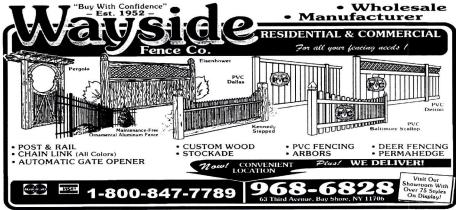
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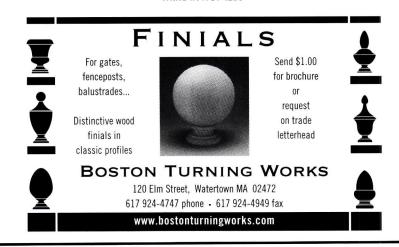
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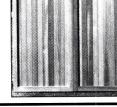
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BUYING GUIDE TO FENCES & GATES

About This Buying Guide

To create this Buying Guide, the Editors contacted suppliers of FENCES & GATES from our database of companies that provide historical products and services to our audience of residential design and building professionals. From the companies' responses, the Editors selected the suppliers you'll find below and on the next few pages because they provide a good up-to-date cross-section of the market, both geographically and in the variety of their offerings.

Am-Dia, Inc. 800-483-7105; Fax: 419-424-1822 www.victorianmarketplace.com Findlay, OH 45840

Specialist in decorative residential post- and wall-mount mailboxes that are 'U.S. Postmaster' approved. Also, cast-aluminum fountains, birdbaths, Victorian-style furniture, street lighting, antique furnishings, and patio furniture. Porch, wall- & post-mounted lighting in Victorian style. Write in No. 95



Elegant foliate designs and basket balusters feature in this steel gate from AMAZINGGATES.COM. Write in No. 230

AmazingGates.com 505-898-5668; Fax: 505-898-5696 www.amazinggates.com Albuquerque, NM 87113

Motorized-gate kits for contractors and do-it-yourself homeowners. Also, manufactures wrought-iron gates with posts in kit form coupled with automatic openers. Write in No. 230



ARCHITECTURAL IRON DESIGNS offers a wide range of estate and driveway gate designs in traditional styles. Write in No. 7950

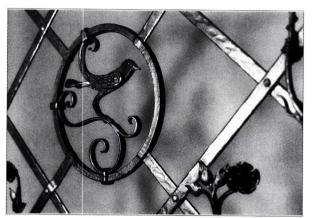
Architectural Iron Designs, Inc. 800-784-7444; Fax: 201-222-7767 www.archirondesign.com Jersey City, NJ 07306

Distributes a large selection of high-quality, hot-forged steel components for gates, fences, railings, balconies, grilles, furniture, and decorative accessories. Exclusive distributor for B. Rourke & Co. Write in No. 7950

Architectural Products by Outwater, LLC 800-835-4400; Fax: 800-835-4403 www.outwater.com Wood Ridge, NJ 07075 Supplier of more than 35,000 ready-to-ship standard & innovative building-component product essentials that include interior/exterior architectural millwork, columns, decorative mouldings & trim, wrought-iron components, hardware & lighting. Write in No. 56

Artistic Railings, Inc. 973-772-8540; No Fax www.artisticrail.com Garfield, NJ 07026

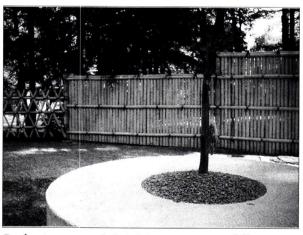
Custom designer and fabricator of ornamental metal products; railings, fences, gates, lamp posts, window flower boxes, work in aluminum, bronze, & iron. Specialty finishes from linseed oil to powder coatings. Blacksmith on staff. Write in No. 3026



This delightful bird design is the centerpiece of a railing that was band-forged by BADGER VILLAGE BLACKSMITHING.
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Badger Village Blacksmithing, Inc. 888-27I-2070; Fax: 608-355-0013 www.badgervillage.com Merrimac, WI 53561

Hand-forged ironwork using traditional, old-world blacksmithing techniques. Crafting artistic and original designs in steel, copper, and brass. Choose from a variety of home and garden accessories, or work with a blacksmith to create custom designs in fencing, gates, railings, lighting and more. Write in No. 3154



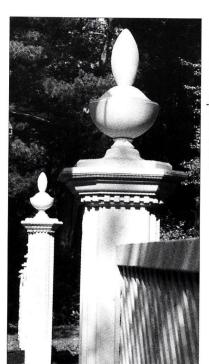
Bamboo fencing from BAMBOO FENCER is available in a number of designs and in panels or rolls.

Bamboo Fencer 617-524-6137; Fax: 617-524-6100 www.bamboofencer.com Jamaica Plain, MA 02130

Provides durable bamboo fences & gates nationwide for over 13 years. Design and sourcing expertise also available.

Bethel International 905-477-6155; Fax: 905-477-6265 www.bethelin.com Markham, ON CANADA L3R 0HI

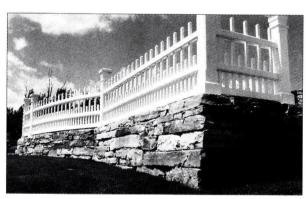
Maker of wrought-iron furniture, lighting, and accessories with hand-applied color finishes.



This finial, Model F100 from BOS-TON TURNING WORKS, is derived from a historical model and customturned in either pine or mahogany. Call 617-924-4747 for more information

Boston Turning Works 617-924-4747; Fax: 617-924-4949 www.bostonturningworks.com Watertown, MA 02472

Manufactures a line of wooden finials for fences and exterior use, and custom-turned balusters, posts, newels, columns. *Call 617-924-4747 for more information*



South Bay Quartzite wallstone from CHAMPLAIN STONE, LTD., provides strength and natural beauty for this lawn and garden area. Write in No. 4270

Champlain Stone, Ltd. 518-623-2902; Fax: 518-623-3088 www.champlainstone.com Warrensburg, NY 12885

Guillotined and hand-split granite, quartzitic sandstone, and limestone for building veneer, wall stone, flagging, step slabs, and landscape boulders. Natural-stone pavers and flooring. Lintels and hearth pieces. Write in No. 4270

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High-end, hand-forged furniture and furnishings for corporate offices, hotel rooms, and lobbies: lamps, interior and exterior lanterns, desks, tables, fireplace accessories, drapery rods, beds, chairs, wall sconces, door hardware. Ornamental gates, railings, gate hardware; in wrought iron/steel. Write in No. 8069



COUNTRY ESTATE's "Oxford" arbor and "Hannibal" fence grace this century-old Pennsylvania home.

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Country Estate Fence 800-445-2887; Fax: 308-784-3216 www.countryestate.com Cozad, NE 69130

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CRESCENT CITY IRON SUPPLY's #5038 baluster features two twists and bas a 1x1-in. end size. Write in No. 1222

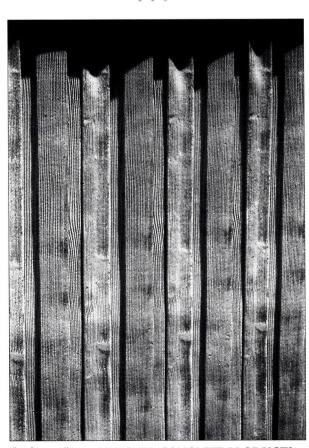
Crescent City Iron Supply, Inc. 800-535-9842; Fax: 708-345-6664 www.crescentcityironsupply.com Westchester, IL 60154

Supplies the ornamental-iron industry with a complete line of castings, gate hardware, locks, steel forgings, stampings, furniture & lamp posts. Ornamental iron castings, balusters, hardware, benches, fencing, gate hardware, gate operators. In cast aluminum, cast iron, wrought iron/steel. Write in No. 1222

DecorativeIron.com 888-380-9278; Fax: 713-991-6493 www.decorativeiron.com Houston, TX 77075

#

Source of decorative iron components, finishing details for metalwork; components to fabricate, repair, and decorate metalwork. Railings, gates, components; wrought iron/steel. Write in No. 3056



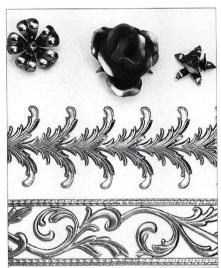
"Cedarcrete" from DESIGNER CONCRETE PRODUCTS replicates the appearance of cedar fencing in colored modular concrete panels measuring 12 in. wide and 5, 6, or 8 ft. tall.

Designer Concrete Products/American Technocret 818-990-3362; Fax: 818-990-3382 www.designerconcrete.com Studio City, CA 91604

'Woodcrete,' 'Brickcrete,' and 'Fencestone' precast-concrete retaining and perimeter walls.

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

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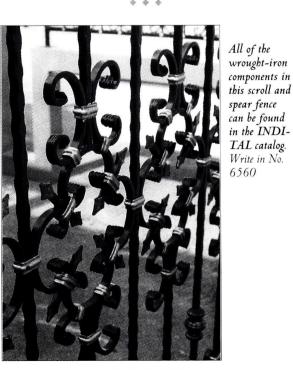
Metal bandings and flowers are among the decorative elements, often used in fencing applications, available from FRANK MORROW.

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

Company supplies a variety of metal trims (embossed banding & perforated gallery), metal leaves, rosettes, tropical & acanthus leaves, ferns, stamped-metal animals, birds & more. Grey iron castings are also available.

Historical Arts & Casting, Inc. 800-225-1414; Fax: 801-280-2493 www.historicalarts.com West Jordan, UT 84088

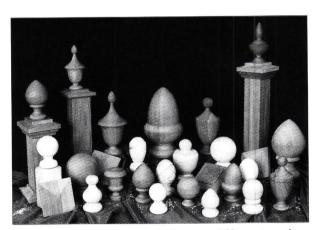
Designer and manufacturer of lighting, columns and capitals, cornices, railings, fences, newels, planters, finials, street furnishings, and fountains cast in bronze, aluminum, or iron. Restoration and custom work. Gas-lighting projects and large-scale restoration projects. Write in No. 1210



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Over 8,500 Italian-designed architectural steel forgings:

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Finials from ISLAND POST CAP are available in pine, cedar, redwood, mahogany, and oak. Write in No. 702

Island Post Cap 800-555-3694; Fax: 334-613-9834 www.islandpostcap.com Montgomery, AL 36108

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KING ARCHITECTURAL METALS supplies a buge range of decorative wrought-iron elements, including the acanthus leaves and rosettes featured in this gate. Write in No. 270

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

Wholesale supplier of ornamental & architectural metal components for wrought-iron staircases, handrails, gates, fences, balustrades, furniture, mailboxes, doors, screens, awnings, fireplace screens. Also, gate operators, gate hardware, lock sets, aluminum lamp posts, and urns. Write in No. 270



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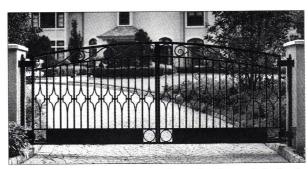
www.historicalarts.com

BUYING GUIDE TO FENCES & GATES

This finely detailed metal finial was produced by LAWLER FOUN-DRY. Write in No. 271

R. Walsh Gate & Railing 715-442-3102; Fax: 715-442-6002 www.robertwalsh.com Pepin, WI 54759

Shop offers hand-forged ornamental ironwork of a classical nature. Options include: original artwork, colors, textures, dipped and baked finishes, detailing in gold leaf or bronze, repousse, and more; 20 years experience. Ornamental gates, railings, fencing; work in wrought iron/steel. *Write in No.*



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Schwartz's Forge & Metalworks, Inc. 315-841-4477; Fax: 315-841-4694 P.O. Box 205, 2695 Route 315 Deansboro, NY 13328

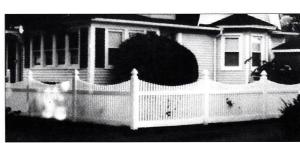
For 21 years, this architectural-metal company has been committeed to artistic & technical excellence. Designs & produces stair railings/balustrades, gates, doors, & fences, giving careful attention to detail. Write in No. 1218



Elements from the extensive TENNESSEE FABRICATING catalog were combined to create this gate. Write in No. 5180

Tennessee Fabricating Co. 901-725-1548; Fax: 901-725-5954 www.tnfab.com Memphis, TN 38104

Wholesale supplier of ornamental metal castings and forgings; also, a variety of posts and finials used in the production of mailboxes. Metal stair parts; balusters & railings, newel posts; work in steel. Write in No. 5180



PVC is fashioned into classic picket fencing by WAYSIDE FENCE CO. Write in No. 4260



No. 4260

Wayside Fence Co.

631-968-6828; Fax: 631-968-6928 www.waysidefence.com

Bay Shore, NY 11706

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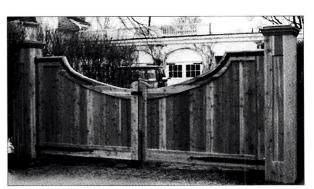
posts, cap & sleeves. Over 45 styles of PVC fencing available,

designed to match the look of classic wood fencing. Write in

This ornate drive gate was custom-designed and fabricated by WIEMANN IRONWORKS. Write in No. 1223

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

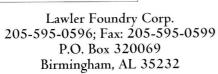
Since 1940, firm designs, fabricates, and installs fine forged architectural and ornamental metalwork for a national market. Residential and commercial. Custom finishes. CAD services. NOMMA's most award-winning metal fabricator. Curved & straight metal stairs, balusters, railings, & newel posts. Metals include brass, bronze, aluminum, steel, and copper. Write in No. 1223



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Wood Innovations of Suffolk 631-698-2345; Fax: 631-698-2396 P.O. Box 356 Medford, NY 11763

Exterior wood structures and elements in high-quality Western red cedar; wood planters, any size, any shape. Also, caps, bridges, wishing wells and more. Custom-built wood products. Shipping nationwide. *Write in No. 7160*



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MASTER-HALCO's range of ornamental metal fence systems includes gates in a wide variety of sizes and designs.

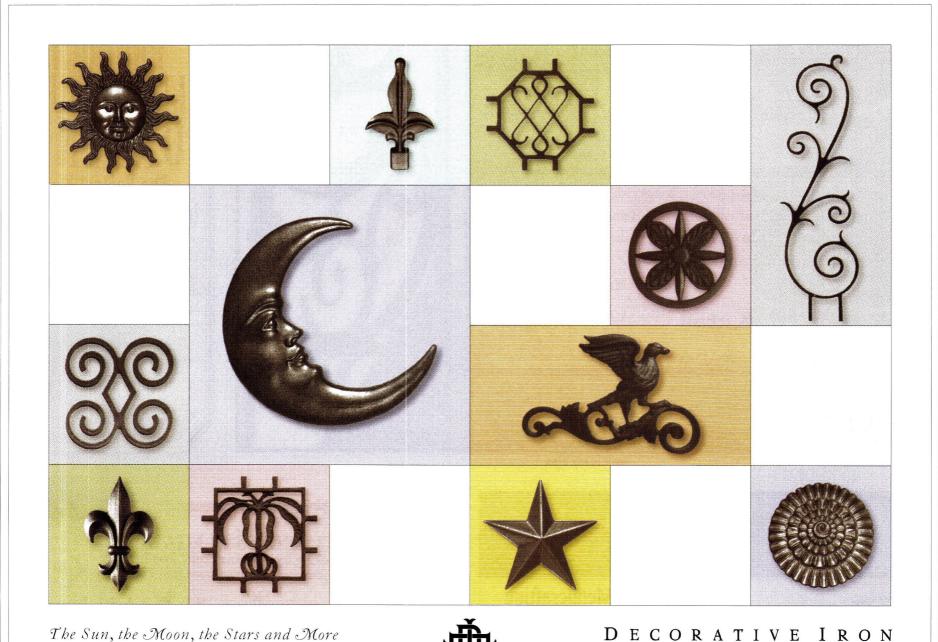
Master-Halco, Inc. 800-229-5615; Fax: 410-676-7098 1704 Trimble Road Edgewood, MD 21040

Manufacturer of 'Monumental Iron Works' ornamental picket and privacy screening fence systems, as well as Anchor Cantilever 'internal roller' slide gates. Engineered to provide distinction and security, with a range of styles.

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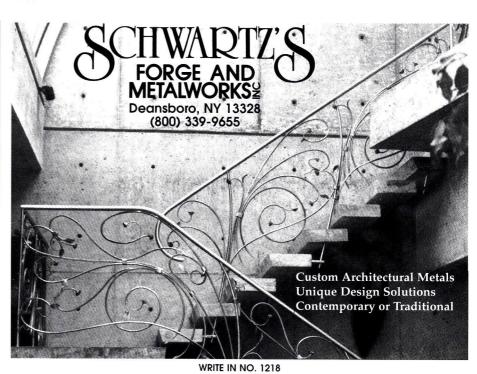


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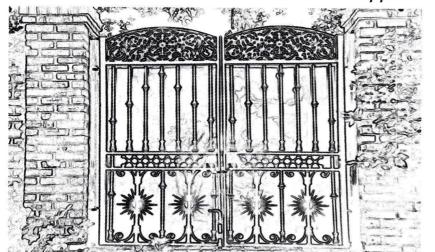
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Then contacting companies you've seen in the issue, please tell them you saw their listing in Period Homes." — The Editors



BUYING GUIDE TO SPECIALTY BRICK & MORTARS

About This Buying Guide

To create this Buying Guide, the Editors contacted suppliers of SPECIALTY BRICK & MORTARS from our database of companies that provide historical products and services to our audience of residential design and building professionals. From the companies' responses, the Editors selected those suppliers you'll find below because they provide a good up-to-date cross-section of the market, both geographically and in the variety of their offerings.



The unique shapes of the antique "clinker" bricks recovered by THE BRICK-YARD create more than just a brick wall.

The Brickyard Inc. 816-380-3366; Fax: 816-887-5757 P.O. Box A Harrisonville, MO 64701

Source for authentic, antique clinker bricks with highly distinctive shapes, colors, and textures, ideal for constructing hearths and chimney facings. Will match samples.



Each of the bricks in this impressive mantel was handmade by OLD CAROLINA BRICK.
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Old Carolina Brick Co. 256-237-2890; Fax: 256-237-0667 www.handmadebrick.com Salisbury, NC 28147

Genuine handmade brick, pavers, special shapes, glazed headers, and arches. Fired with coal to provide the bisques and unique colors. Custom sizes in any quantity. Work with upscale homes and restorations. Handmade brick fireplace fronts. Write in No. 3130



PINE HALL BRICK's "Old Towne" pavers, in the firm's antique color range, are combined with a textured edge in this application. Write in No. 5130

Pine Hall Brick 336-779-6116; Fax: 336-721-7517 www.pinehallbrick.com Winston Salem, NC 27105

Products include pavers, face brick, special shapes, interlocking clay pavers: English Edge, which features beveled edges with spacer nibs, and Old Towne, which has textured edges and antique color. Available in 21 face-brick styles, 16 clay-paver styles, and stock and custom shapes and arches. Write in No. 5130

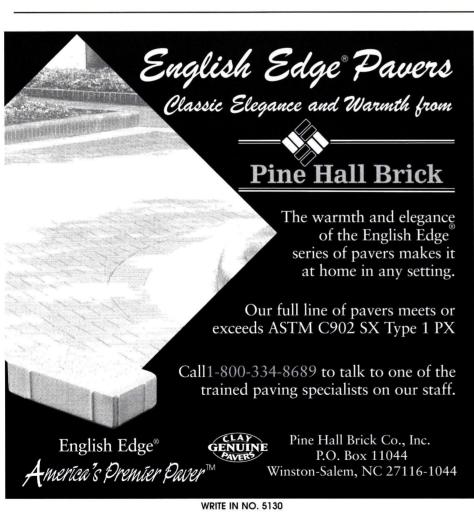


VERMONT BRICK's waterstruck face brick and pavers are available in a wide range of profiles, textures, and colors.

Vermont Brick Manufacturing 78I-934-7278; Fax: Same as phone P.O. Box 1763 Duxbury, MA 02332

Produces traditional New England, waterstruck molded facebrick, paving brick, & shapes for the residential- & commercial-specifications markets in new & restoration construction. Available through distributors; call for nearest one. Special shapes, custom matching, hand-molded brick, pavers, face brick, and restoration-size face brick.

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WRITE IN NO. 3130

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THE HAND-BUILT WOOD INTERIOR

About This Buying Guide

To create this Buying Guide, the Editors contacted suppliers of HAND-BUILT WOOD INTERIORS from our database of companies that provide historical products and services to our audience of residential design and building professionals. From the companies' responses, the Editors selected those suppliers you'll find below and on the next few pages because they provide a good up-to-date cross-section of the market, both geographically and in the variety of their offerings.

Accent Architectural Millworks 770-237-2933; Fax: 770-513-2385 P.O. Box 1096 Auburn, GA 30011

Custom windows, doors, specialties; reproduction work. Weight-&-pulley, double-hung windows; French casements, inswing and outswing; custom entryways. Also, other millwork: paneling, columns, turnings, moldings, shutters, more. Write in No. 1248



Hand-crafted reproductions of traditional architectural woodwork and fine restorations are ballmarks of the work of ADAMS ARCHITEC-TURAL WOOD PRODUCTS. Write in No. 1265

Adams Architectural Wood Products 888-285-8120; Fax: 563-285-8003 www.adamsarch.com Eldridge, IA 52748

Custom windows and doors with a special emphasis on historic-restoration projects. AWI premium-grade construction, with a wide variety of glazing and wood-species options. Replacement and storm and screen sash a specialty. Write in No. 1265



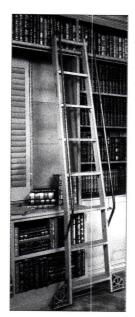
This attractive combination of egg-and-dart and acanthus moldings is the hand-carved work of AGRELL & THORPE.

Agrell & Thorpe, Ltd. 415-381-9474; Fax: 415-381-9475 www.agrellandthorpe.com Mill Valley, CA 94941

Master carving studio produces a wide range of carved products in wood, stone, and marble; for commercial, residential, and religious buildings. Worldwide experience. Wood capitals, carved moldings, casework, doors, and entryways.

Alaco Ladder Co. 909-591-7561; Fax: 909-591-7565 www.alacoladder.com Chino, CA 91710

Custom manufacturer of oak rolling-track library ladders.



ALACO LADDER's rolling track ladders are available in a wide range of woods and are custom-made to each client's specifications. Write in No. 1282

Other hardwoods, hardware options, and finishes also available. Write in No. 1282

Allied Window, Inc. 800-445-5411; Fax: 513-559-1883 www.invisiblestorms.com Cincinnati, OH 45214

'Invisible' aluminum storm windows for interior or exterior: custom colors, special shapes, special glazing materials. Protection from UV and vandalism. 'Main Street' capability for all floors of facade. In aluminum, wood, storm/screen combo, round top, curved/bent, round, custom shapes; fastenings include mechanical, velcro, magnetic, lift-out. Outside prime and inside prime mounted; Wide range of glazing options. Write in No. 690



ARCHITECTURAL DETAIL IN WOOD reproduces and "reinterprets" historic wood windows using the heartwood of old-growth timber. Call 978-425-9026 for more information.

Architectural Detail in Wood 978-425-9026; Fax: Same as phone 41 Parker Road Shirley, MA 01464

Small artisan-run business specializing in the reproduction and re-interpretation of historic wood windows. Pre-design consultations, site surveys, and design services with an emphasis on well-proportioned simplicity.



ARCHITECTURAL PANELING hand-carved the crown molding, fireplace mantel, overmantel, and other wood ornament in this Louis XV-style living room. Write in No. 6490

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

Deep-sculpted molding in any species. Hand-carved ornaments in any species. Hand-carved custom fireplace mantels in any size, any species. Write in No. 6490

Architectural Products by Outwater, LLC 800-835-4400; Fax: 800-835-4403 www.outwater.com Wood Ridge, NJ 07075

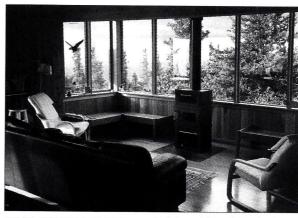
Supplier of more than 35,000 ready-to-ship standard & innovative building-component product essentials that include interior/exterior architectural millwork, columns, decorative mouldings & trim, wrought-iron components, hardware & lighting. Write in No. 56

Architectural Windows & Entries, Inc. 800-747-6840; 72; Fax: 727-823-4823 www.architecturalwindows.com Saint Petersburg, FL 33712

Designer/manufacturer of all types of windows, doors, patio & entry systems for residential & commercial projects and historic restorations. All products solid timber, designed and made to order. Write in No. 3025

Barn Shadow Enterprises 877-380-8446; Fax: 716-593-5075 www.barnshadow.com Wellsville, NY 14895

Custom-milled, aged flooring; milled to spec; kiln-dried plank flooring crafted from barn siding and timbers; wholesale manufacturer. Wide-board, random-width, & plank flooring in antique chestnut, oak, pine, wormy beech, & hemlock. Write in No. 2618



BEAR CREEK LUMBER supplied the wood used for the flooring, paneling, and windows in this country living room. Write in No. 521

Bear Creek Lumber 800-597-7191; Fax: 509-997-2040 www.bearcreeklumber.com Winthrop, WA 98862

Top-quality natural wood, many species. Interior tongueand-groove for ceilings and walls, wainscotting. Also, cedar, fir or hardwood floorings. Can custom-mill any pattern for siding, decking or paneling. Fancy-cut shakes and shingles in a variety of patterns. Architectural-grade kiln-dried beams and timbers in clear grades. Delivery anywhere in the world. E-Mail: customerservice@bearcreeklumber.com. Write in No. 521

Bushcraft Furnishings 530-269-2828; No Fax www.bushfurnishings.com Auburn, CA 95602

Designs hardwood & forged-iron tables, end tables, & conference tables. All in original Australian designs.

Carlisle Restoration Lumber 800-595-9663; Fax: 603-446-3540 www.wideplankflooring.com Stoddard, NH 03464

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Custom-crafted wide-plank floors in widths up to 20 in. and lengths up to 16 ft., in both antique/reclaimed planking or newly sawn old-growth material. Every floor is graded and dried to re-create the look of hand-crafted floors. Wideboard & random-width flooring in antique heart pine, chestnut, oak, & pine as well as new oak, pine, maple, cherry, hickory, birch, & walnut. Write in No. 5580

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

Recycled barnwood planks, remilled flooring, dimensional lumber, and timbers in varied shades & types. Architectural antiques: windows, doors, porch columns, corbels, shutters, ceiling tin, complete staircases. Antique heavy timbers, milled lumber, barn lumber, wood flooring, and wood paneling; in pine, oak, and poplar. Write in No. 2744



CHADSWORTH'S 1.800.COL-UMNS' fluted, Greek, Doric, and stain-grade columns can create a dramatic entrance, as in this Atlanta residence. Write in No. 180 for Wood, 1580 for PolyStone.

Chadsworth's I.800.Columns 800-486-2118; Fax: 910-763-3191 www.columns.com Historic Wilmington, NC 28401

Custom and stock columns, pillars, pilasters, and posts; capitals; interior and exterior; plain or fluted; round, square, belley, octagonal; all styles and sizes; wood, PolyStone, fiberglass; job-site delivery; worldwide shipping. Polymer composite, wood, FRP, etc. Write in No. 180 for Wood, Write in No. 1580 for PolyStone

Chestnut Woodworking & Antique Flooring 860-672-4300; Fax: 860-672-2441 www.chestnutwoodworking.com West Cornwall, CT 06796

Original wideboard flooring and remilled tongue-&-groove flooring in chestnut, oak, pumpkin pine, heart pine, and hemlock. Kiln-dried. All recycled woods. Also, furniture-grade antique woods; hand-hewn beams; barn siding. Antique heavy timbers, salvaged logs, milled lumber, barn lumber, wood flooring, and wood paneling. Call 860-672-4300 for more information



Along with its line of flooring, COUNTRY ROAD ASSOCI-ATES also manufactures furniture from reclaimed 19th-century wood. Write in No. 7480

Country Road Associates, Ltd. 845-677-6041; Fax: 845-677-6532 www.countryroadassociates.com Millbrook, NY 12545

Supplier of 19th-century reclaimed wood from barns and homes, for reuse as flooring, cabinetry, or panelling. Wideboard & random-width flooring in antique heart pine, chestnut, white oak, white pine, cherry, black walnut, and hemlock. Also hand-hewn beams from 4-14-in. widths and

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Craftsman Lumber Co. 978-448-5621; Fax: 978-448-2754 www.craftsmanlumber.com Groton, MA 01450

Custom-made wide flooring and paneling in Eastern white pine (to 28 in.), red pine and native hardwoods. All material carefully kiln dried & custom-milled to customers specifications. Write in No. 4320



This 6-ft. mini bar from CUMBERLAND WOODCRAFT was crafted from solid red oak and features deep raised panels, fluted columns, and carved-oak capitals. Write in No. 1310

Cumberland Woodcraft Co. 800-367-1884; Fax: 717-243-6502 www.cumberlandwoodcraft.com Carlisle, PA 17013

Extensive line of carved corbels, molding and ornaments or complete wall units, ornate fireplace surrounds and paneling in select hardwoods with exotic veneers hand-crafted by skilled artisans. Select from standard line or supply custom requirements. *Write in No. 1310*



As the name suggests, CUS-TOM SHUTTERS specializes in custom-designed and band-built bardwood shutters.

Custom Shutters, Inc. 800-323-8458; Fax: 903-488-3034 www.customshutters.com Como, TX 7543I

Manufacturer of custom interior plantation-style shutters of American hardwood. Custom archwork, rakeheads, sunbursts, several louver sizes, divider rails, custom finishing, and many mount options available. Dealers welcome. Will ship nation wide.



Wood stairs in custom as well as standard designs are available from DEER PARK STAIR-BUILDING. Write in No. 1107

Deer Park Stairbuilding & Millwork 631-363-5000; Fax: 631-363-2167 51 Kennedy Avenue Blue Point, NY 11715

Custom-design capabilities in straight, curved, circular, and spiral stairs. Write in No. 1107



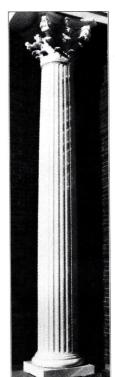
DRUMS SASH & DOOR produces wood windows in a variety of shapes and styles, from double-bungs to casements to storm windows. Call 570-788-1145 for more information.

Drums Sash & Door Co. 570-788-1145; Fax: 570-788-3007 www.drumssashanddoor.com Drums, PA 18222

Custom wood shop specializes in replacement sash, all sizes & layouts (circle, oval, Gothic, cottage); entryways & doors (paneled, louvered, French); moldings; raised-panel shutters; storm/screen doors. Your choice of profile, wood. *Call* 570-788-1145 for more information.

European Woodart Corp. 386-740-7740; Fax: 386-740-7738 I315 East Intl. Speedway Blvd. Deland, FL 32724

Designs & manufactures fine-quality kitchen cabinetry, furniture and wood interiors, detailed with handmade wood carvings, and custom mouldings. Offering an extensive selection of wood species, stains, & finishes. Company conveys a touch of Old World style to their creations.



The range of wood options for columns produced by FAGAN DESIGN & FABRICATION, INC., includes redwood, mahogany, and Northern white pine, in stock or custom designs. Write in No. 8210

Fagan Design & Fabrication, Inc. 203-937-1874; Fax: 203-937-7321 44 Railroad Ave. West Haven, CT 06516

Custom hand-turned columns, cylinders, rope twists, spirals, etc. Also, capitals and other carvings. Can produce exact duplicates for restoration; hardwoods a specialty. Load- and non-load-bearing; 44 in. dia. x up to 24 ft. high. Write in No. 8210

Forester Moulding & Lumber, Inc. 978-840-3100; Fax: 978-534-8356 www.forestermoulding.com Leominster, MA 01453

Runs from 5 to 5,000 ft. in over 30 wood species; 2,000 profiles on a CAD system; custom designs; quick turnaround. Also, rails, bases and crowns, random-width floor-



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THE HAND-BUILT WOOD INTERIOR

ing, rosettes, and plinth blocks. Write in No. 5450



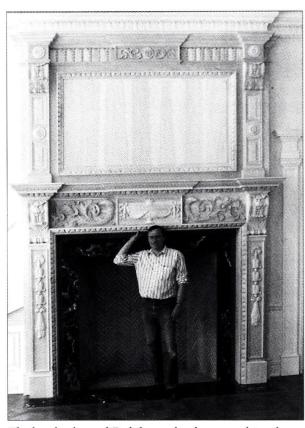
FORESTER MOULDING & LUMBER, INC., can provide over 2,000 hardwood profiles to help the renovator either create a new look or perfectly match molding in need of repair. Write in No. 5450

Goodwin Heart Pine Co. 800-336-3118; Fax: 352-466-0608 www.heartpine.com Micanopy, FL 32667

Old-growth heart pine & cypress for flooring, stair parts, and mouldings. These woods were cut over 100 years ago & recovered from Southern river bottoms, or reclaimed from old buildings. Fifteen grades of beautiful wood, from \$4.10 to \$21.99 per sq. ft. Provides lasting beauty for any project.

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Supplies turned, shaped, and molded wood products for consumers and industry. Custom components machined from select hardwoods; for furniture or restoration.



This huge hand-carved English mantel and overmantel is a show-case for the work of the artisans at HALLIDAYS. Write in No. 253

Hallidays America, Inc. 973-729-8876; Fax: 973-729-5149 P.O. Box 731 Sparta, NJ 07871

Specializes in hand-crafting period wood architectural detailing, mantel pieces, paneled rooms, cabinetry, furniture, and hand-carved mouldings which work with today's living requirements. All work is done in their workshops in England & Ireland. *Write in No.* 253

Harvey Millwork, Inc. 410-822-7689; Fax: 410-745-9926 www.harveymillwork.com Bozman, MD 21612



beart pine for the flooring and door in this guesthouse addition to an existing residence. Write in No. 3460

HARVEY MILL-WORK used longleaf

Specialist in longleaf heart pine, three species available, native and imported. Custom flooring, doors, molding, paneling, vents/registers, mantels, trim, and stair parts; shipping worldwide. *Write in No. 3460*

Hendricks Woodworking 610-756-6187; Fax: 610-756-6171 www.historicdoors.com Kempton, PA 19529

Custom manufacturer of wood windows and doors for restoration or period-style construction. Circular casings and moldings for doors and windows. Write in No. 3570



H.I.C. WINDOW & DOOR CO. built new mahogany interior doors for this residence in Franklin, Tenn. Write in No. 1067

H.I.C. WINDOW & DOOR CO. 615-371-8080; Fax: 615-377-3385 www.homeideacenter.com Franklin, TN 37067

Wood windows and doors with any glazing, wood, size & shape. Historical, residential, commercial; also prefinished, any color, wood; 10 year warranty. Write in No. 1067

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Large selection of handrails, balusters, newel posts, turnings, finials, corbels, and many other related products. Also, columns, wood & fiberglass. Custom turning. Softwood & hardwood mouldings, mantles, columns, stair parts, and many other wood products.

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Completely synthetic, functional and custom-made interior and exterior hurricane shutters. Write in No. 8054

Kestrel Shutters 800-494-4321; Fax: 610-326-6779 www.DIYShutters.com Stowe, PA 19464 True mortise-&-tenon shutters, interior & exterior; customsized shutters available assembled or in shutter kits; panel & louver styles; glass or fabric inserts available. Also interior & exterior shutter hardware; cabinet hardware.



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This beautifully detailed piece of band-carving is the work of DIMITRIOS KLITSAS. Write in No. 7380

Klitsas, Dimitrios - Fine Wood Sculptor 413-566-5301; Fax: 413-566-5307 www.klitsas.com Hampden, MA 01036

Custom-carving of wood architectural elements, both interior and exterior, including furniture (all periods), fireplace mantels, stairs, chandeliers, moldings, and other specialty carvings. Wood capitals. *Write in No.* 7380



James Lohmann of LOHMANN WOODCARV-ING band-carved this finely detailed cherub and acanthus decoration. Write in No. 103

Lohmann Woodcarving Company 906-355-2382; Fax: 906-355-2386 www.lohmannwoodcarving.com Covington, MI 49919

Working with architects, millwork shops and homeowners for more than 25 years to produce high-quality hand woodcarving. Work performed in all styles; custom designs, re-creation or restoration. Staircase parts, mantel pieces, pediments, capitals, doors, and mouldings. Write in No. 103

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ING. Write in No. 50

Mohamad Wood Turning Co. 718-417-0025; Fax: 718-417-0021 www.mohamadwoodturning.com Brooklyn, NY 11206

Specializes in custom wood spirals, turnings, balusters, and columns in all classical styles; load-bearing for interior or exterior use. Can furnish fluting, reeding, rope twists, and custom carving. Fractional columns available. 18 in. dia. x up to 10 ft. high. Write in No. 50

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Custom-woodworking firm offers on-site construction of millwork, including entranceways, and passageways. Custom finishes available. Casings, moldings, paneling, casework, kitchen cabinetry, custom-built furniture, libraries, wine-tasting rooms, custom theaters, and more. Write in No.

* * *



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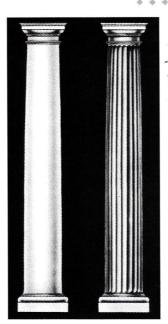
Nanik by Springs Window Fashions LP 877-88-NANIK; Fax: 800-866-2640 www.springs.com Wausau, WI 54401

Manufacturer of 100% American Basswood custom-built horizontal and vertical wood blinds as well as operable specialty shapes. Horizontal slat sizes include I, I-3/8, 2, and 2-3/8 in. Wood vertical vanes measure 3-1/2 in. 4I standard colors, and offer free custom color-matching in addition to extensive cloth-tape and decorative-trim line.

> Pioneer Millworks 800-95I-9663; Fax: 716-924-9962 www.pioneermillworks.com Farmington, NY 14425

Custom-sawing and -planing of reclaimed timbers in heart pine, Douglas fir, oak, and other species, into flooring, trim,

doors, stairs, paneling, and more. Wide-board, strip, & random-width flooring in chestnut, oak, pine, maple, hickory, & redwood.



SCHWERD's #110-A and fluted #115-A models are part of an extensive catalog of wood columns. Write in No. 1610



Pittsburgh, PA 15212 Column specialist: Manufacturer of architecturally-correct columns & pilasters. Custom fabrication is available for complete columns or individual components to aid in restoration projects. Ten styles of ornamental capitals are available. Write in No. 1610

3215 McClure Ave.



Along with the moveable-slat design shown here, interior shutters can be obtained from SHUTTER DEPOT in solid-panel and fixed-slat versions. Write in No. 6830

Shutter Depot 706-672-1214; Fax: 706-672-1122 www.shutterdepot.com Greenville, GA 30222

Interior and exterior custom and stock shutters; 2-1/2-in. movable louver; raised-panel and fixed louver; finished or unfinished. Also, shutter hardware. Write in No. 6830

> Shutter Shop I-800-942-1617; Fax: 941-924-6596 5620 Sarah Avenue Sarasota, FL 34233

Manufacturer of 2-in. wood blinds. Specializing in functional custom shapes, cloth tapes and standard motorization available. Exterior cedar shutters of heavy-duty construction adaptable to virtually any job & climate condition.

> Skyline Windows 212-491-3000; Fax: 212-491-5630 625 West 130 Street New York, NY 10027

Restoration and replication of windows for historical landmarks. Wide variety of materials, shapes, and types. Residential, commercial & government installations. Write in No. 8870

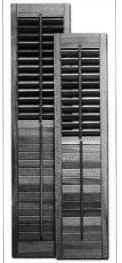
> Sonrise Woodcarving Studio 845-331-1104; Fax: 845-331-1220 www.sonrisewoodcarving.com Kingston, NY 1240I

Specialty woodcarver of architectural elements (mantels,



Custom woodcarving, from intricate decorative moldings to the simplicity of this interior door, is the specialty of SONRISE WOODCARV-

moldings, entryways, furniture), ecclesiastical carving; replication and restoration of antique carved pieces; decorative carvings. Custom cabinetry, architectural millwork and moulding, fine furniture, doors and windows, stair systems, veneering and finishing, hand-carving.



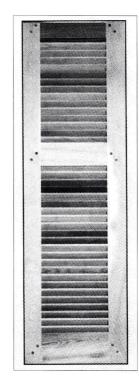
The SOUTHERN SHUTTER CO. offers an extensive line of standard shutter designs as well as custom mod-

Southern Shutter Co. 800-344-8590; Fax: 334-264-6001 www.southernshutter.com Montgomery, AL 36104

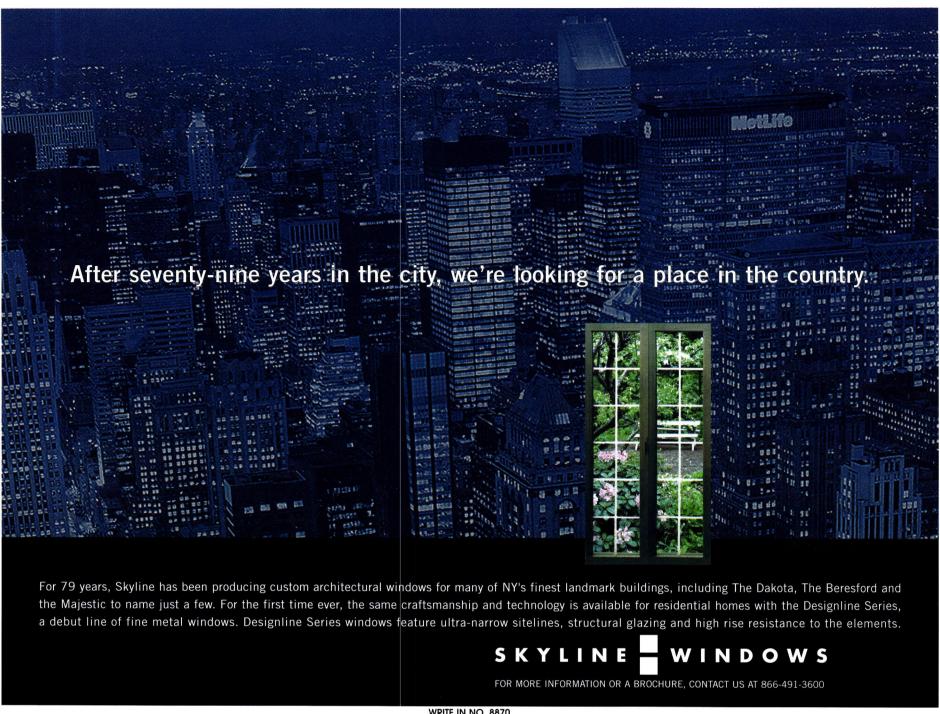
Superior-grade interior and exterior shutters and ventilators; 12 different shutter designs, ventilators of all configurations; hundreds of styles & combinations; custom work welcome. Styles include: solid panel, fixed slat, moveable slat, interior, exterior, stock and custom, Indoor Plantation shutters; hardware in wrought iron, brass, cast iron, and aluminum.

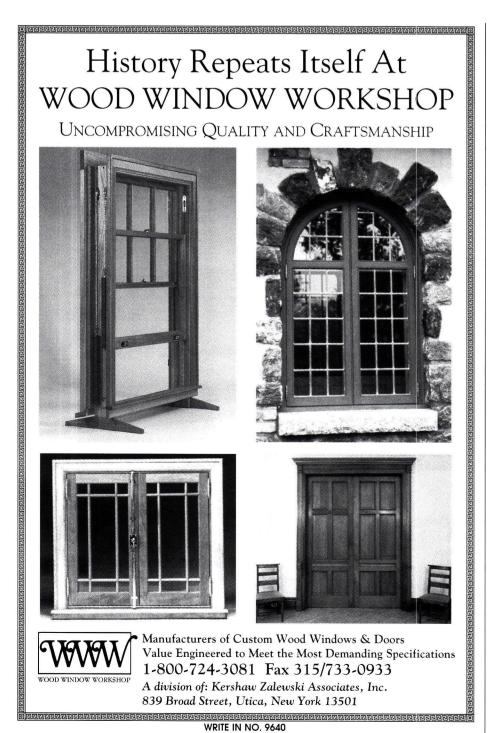
Spartan Architectural Columns 800-949-5450; Fax: 541-734-7453 www.architectural-columns.com Medford, OR 97501

Wood columns and ornamental capitals in architectural series and stock residential patterns. Species include pine, redwood, oak, maple & cherry. Write in No. 5650

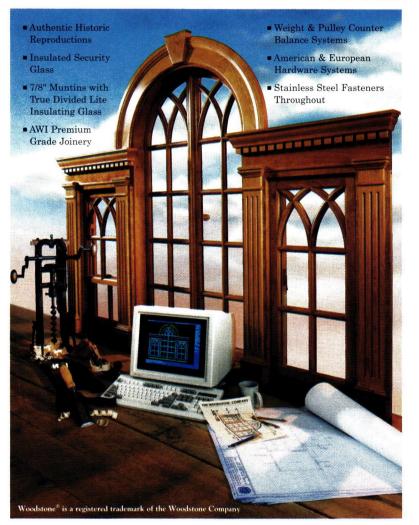


The "Southampton," model #LB3000, is one of many shutter designs offered by TIMBERLANE WOODCRAFTERS. Write in No. 1056





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THE HAND-BUILT WOOD INTERIOR

Timberlane Woodcrafters 800-250-2221; Fax: 215-616-0753 www.timberlanewoodcrafters.com North Wales, PA 19454

Manufacturer of custom wood shutters and shutter hardware. Over 2I unique styles, all built to your size specifications. Nine different raised-panel profiles and six unique louver styles available, as well as board-&-batten designs. Styles include: solid panel and fixed slat. Hardware in wrought iron, brass, bronze, and cast iron. Write in No. 1056

Timeless Shutter Company, Inc. 800-757-9050; Fax: 978-346-9752 www.timelessshutters.com Merrimac, MA 01860

Manufacturer of handmade, custom period exterior and plantation/period interior wood shutters. Styles include: solid panel, fixed slat, and moveable slat.



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WORKS'
"Rebecca" shelf
adds a decorative touch to
this open passthrough while
also providing
a display shelf.
Write in No.
1061

Vintage Woodworks 903-356-2158; Fax: 903-356-3023 www.vintagewoodworks.com Quinlan, TX 75474

Extensive selection of wood porch parts, including turned posts, turned and sawn balusters, railings, brackets, corbels, custom-length spandrels, and more. 224-page Master Reference Catalog; 208-page Porch Design Book. Write in No. 1061

West Lincoln Barnboard & Beams Ltd. 800-719-9051; Fax: 905-643-9219 www.antiquewoods.com Smithville, ON, CANADA LOR 2A0

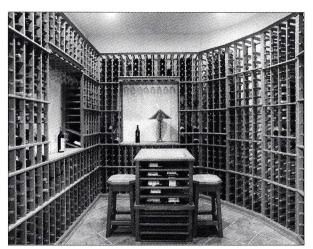
Source of hand-hewn beams; weathered barnboard; antique flooring; pine, hemlock, oak, Douglas fir, and other hardwoods; rough, planed, tongue-&-groove. Write in No. 312



WHITE RIVER HARDWOODS supplies an extensive range of embossed molding profiles in Victorian and Victorian Revival styles. Write in No. 1099

White River Hardwoods-Woodworks 800-558-0119; Fax: 501-444-0406 www.mouldings.com Fayetteville, AR 72701

Manufacturer of Mon Reale, embellished hardwood mouldings, ornamentally embossed and traditional hardwood and MDF mouldings as well as authentic hand-carved woodcarvings. More than 450 moulding profiles in poplar and red oak in stock and other species as custom order. Customdoor manufacture and worldwide distribution. Vol. III catalog includes design and installation tips. *Write in No.* 1099



Quality custom wine-storage systems with a variety of racking options and architectural features are available from WINE CELLAR INNOVATIONS. Write in No. 2910

Wine Cellar Innovations 800-229-9813; Fax: 513-979-5281 www.winecellarinnovations.com Cincinnati, OH 45226

Designer and manufacturer of custom wine cellars and wine racks for homeowners, wine stores, grocery stores, wine wholesalers, and vineyards. Four-color virtual-reality design service. Write in No. 2910

Wood Factory 936-825-7233; Fax: 936-825-1791 III Railroad Street Navasota, TX 77868

Historically accurate millwork reproductions, interior & exterior: doors, screen doors, gingerbread, benches, gazebo parts, finials, cresting, fancy-cut shingles, stair parts, railings, porch parts, more. Custom mantels a specialty. Write in No. 7120



This mahogany bay window from WOOD WINDOW WORK-SHOP features solid-brass hardware and leaded-glass transoms. Write in No. 9640

Wood Window Workshop 315-724-3619; Fax: 315-733-0933 839 Broad Street Utica, NY 13501

Custom-built wood windows and doors, any size and shape. Also, complete architectural-millwork service. Works with all domestic hardwoods and some tropical hardwoods; provides linear stock, paneling, casework, moldings, and trim. Write in No. 9640

Woodline Co. 562-436-3771; Fax: 562-436-8891 1521 W. 14th St. Long Beach, CA 90813

* * *

Architectural wood products: wood carvings and corbels, stair parts, finials, balusters, newel posts, rosettes, columns, capitals, and posts. All made in oak, poplar, and alder; special orders in other species available. Wood columns up to 30 in. dia. x 22 ft. high. *Write in No. 5240*



WOODLINE's acanthus corbel measures 8-3/8 in. x 7-1/2 in. x 20-3/4 in. Write in No. 5240

Woodstone Co. 802-722-9217; Fax: 802-722-9528 www.woodstone.com Westminster, VT 05158

Manufacturer of fine custom wooden windows & doors. Coped mortise-&-tenon joinery. All window & door shapes, sizes, configurations. Choice of wood species & hardware. Historical & landmark specifications. Write in No. 8430



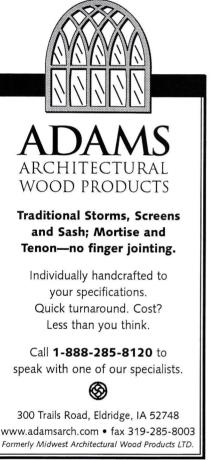
This European open-out casement, offered by ZELUCK, features a concealed locking system integrated with a special guide stay. Write in No. 6920

Zeluck Doors & Windows 800-233-0101; Fax: 718-531-2564 www.zeluck.com Brooklyn, NY 11234

Custom manufacturer of wood windows and doors. Serving the architectural community for almost a century. Custom hardwood, mahogany, teak, and any combinations of wood windows and doors to residential, commercial, and historical projects. Write in No. 6920



WRITE IN NO. 690





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All of our products are custom made

to your specifications. A tradition you expect and respect. Made by highly skilled craftsmen,

committed to make your flooring, doors, mantels, molding and trim, or stair parts as perfect as

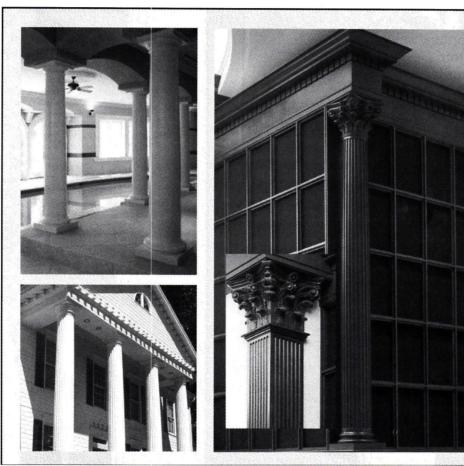
> humanly possible. This is a commitment in every

phase of production. That is why we can say

"We stand on our flooring."[®] Color brochure and samples available

1-800-528-5658

www.harveymillwork.com e-mail: info@harveymillwork.com



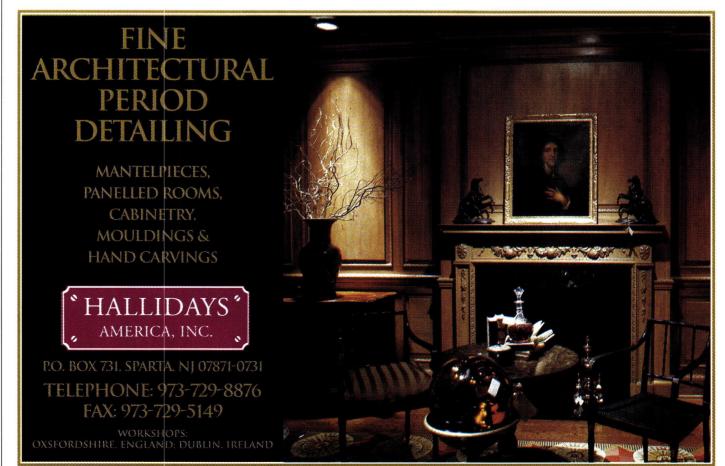
urncraft Architectural and Poly Classic® Columns complete your most ambitious building projects. For dramatic entries and design accents, Turncraft columns meet the demanding needs of today's top designers, architects, contractors and builders.

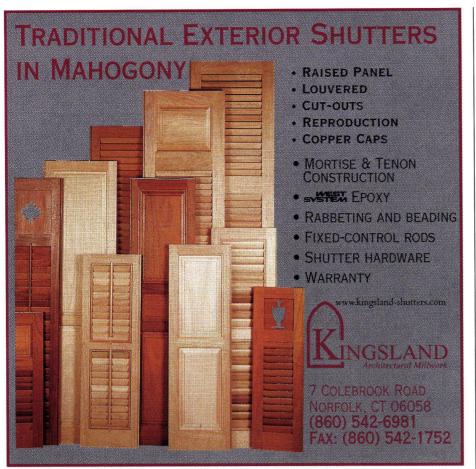
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800-949-5450 Bus: 541-734-5450 Fax: 541-734-7453 www.architectural-columns.com

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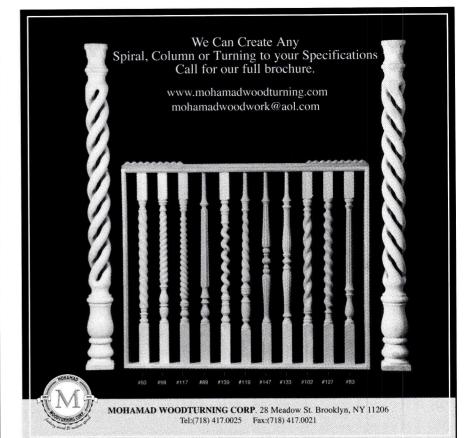


WRITE IN NO. 196



WRITE IN NO. 2910





WRITE IN NO. 50



WRITE IN NO. 1107



WRITE IN NO. 6830



see our full page full color ad on p. 5.

WRITE IN NO. 56



903-356-2158 • www.vintagewoodworks.com

PO Box 39 MSC 3924

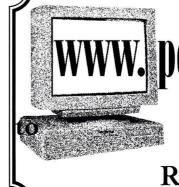
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See our full page full color ad on inside front cover.

WRITE IN NO. 1580



v. period-homes.com

The Internet Gateway
to Historical Products
& Services for
Residential Architecture

ANTIQUE & RECYCLED WOOD

About This Buying Guide

To create this Buying Guide, the Editors contacted suppliers of ANTIQUE & RECY-CLED WOOD from our database of companies that provide historical products and services. From the companies' responses, the Editors selected those suppliers you'll find below because they provide a good up-to-date cross-section of the market.



ASA WOODWORK-ING reclaims and remills chestnut, oak, pine, and hemlock from 19thand 20th-century buildings such as this old

ASA Woodworking & Colonial Lumber 301-334-3189; Fax: 301-334-3470 207 W. Ashby Ellis Rd. Oakland, MD 21550

One-stop source for antique/reclaimed rustic barn siding, beams, wide T&G plank flooring, timber framing, antique hand-hewn log cabins. Chestunt, oak, pine.

> Barn People, The 802-674-5898; Fax: 802-674-6310 www.thebarnpeople.com Windsor, VT 05089

Meticulous dismantling of vintage Vermont barns & outbuildings, reassembled anywhere in the world along with related materials, as dwellings, additions, commercial structures, Great Rooms & more; consulting services. Antique barns, antique heavy timbers, custom antique structures. Write in No. 440

> Barn Shadow Enterprises 877-380-8446; Fax: 716-593-5075 www.barnshadow.com Wellsville, NY 14895

Custom milled, aged flooring; milled to spec; kiln-dried plank flooring crafted from barn siding and timbers; wholesale manufacturer. Wide-board, random-width, & plank flooring in antique chestnut, oak, pine, wormy beech, & hemlock. Write in No. 2618

> Chestnut Oak Company 860-668-0382; Fax: Same as phone www.chestnutoakcompany.com West Suffield, CT 06093

Company has an inventory of antique house & barn structures. Will dismantle, move, and re-erect these structures anywhere in the world. Custom residential timber frames, timber-frame home packages, new heavy timbers, antique frames recycled as homes, design & engineering services, timber-frame restoration, and barns. Write in No. 106

> Chestnut Woodworking & Antique Flooring 860-672-4300; Fax: 860-672-2441 www.chestnutwoodworking.com West Cornwall, CT 06796

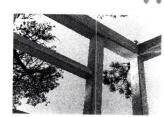
Original wideboard flooring and remilled tongue-&-groove flooring in chestnut, oak, pumpkin pine, heart pine, and hemlock. Kiln-dried. All recycled woods. Also, furnituregrade antique woods; hand-hewn beams; barn siding. Antique heavy timbers, salvaged logs, milled lumber, barn lumber, wood flooring, and wood paneling. Call 860-672 4300 for more information.

Country Road Associates, Ltd. 845-677-604I; Fax: 845-677-6532 www.countryroadassociates.com Millbrook, NY 12545

Supplier of 19th-century reclaimed wood from barns and homes, for reuse as flooring, cabinetry, or panelling. Wideboard & random-width flooring in antique heart pine, chestnut, white oak, white pine, cherry, black walnut, and hemlock. Also hand-hewn beams from 4-I4-in. widths and lengths from 6-30 ft. Write in No. 7480

Duluth Timber Co. 218-727-2145; Fax: 218-727-0393 www.duluthtimber.com Duluth, MN 55816

Resawn planks and beams, flooring, paneling, and custom millwork from recycled heart pine and Douglas fir timbers; 'as is' timbers; national shipping. Custom jobs; specialist in whole-house projects. Antique heavy timbers, milled lumber, wood flooring, wood paneling, and custom-milled woodwork and moldings; in Douglas fir, heart pine, redwood, and cypress. Write in No. 112



Standing dead dry larch is one of the wood species EVER-GREEN SPECIALTIES uses for its architectural posts and beams. Write in No. 249

Evergreen Specialties, Ltd. 604-988-8574; Fax: 604-988-8576 4122 St. Pauls Avenue N. Vancouver, BC CANADA V7N IT5

Large beams of Douglas fir, red cedar, larch, and spruce cut to customer's timber list. Lathe-turned columns and faceted posts up to 60 ft. long. Wood; load- and non-load-bearing; 20 in. dia. x up to 40 ft. high. Write in No. 249

> Foster Wood Products Inc. 709-848-8204; Fax: 706-846-3487 www.fosterwood.com Shiloh, GA 31826

Finest grade of heart and long leaf yellow pine flooring and large timbers. Write in No. 124

> Pioneer Millworks 800-951-9663; Fax: 716-924-9962 www.pioneermillworks.com Farmington, NY 14425

Custom-sawing and -planing of reclaimed timbers in heart



Creative Materials Consulting Antique & Recylced Wood Provider of Rustic Wide-Plank Flooring, Barn Timbers, Weathered Siding and Custom Furniture www.barnshadow.com

32 Lee Place, Wellsville NY 14 barnse@rctc.com (877) 380-8446

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ARCHITECTURAL TIMBERS CUSTOM CUT TO YOUR LIST. GREEN, AIR DRY, R-F KILN DRY.

> TOLL FREE: 877-988-8574 FAX: 604-988-8576

WRITE IN NO. 249



PIONEER MILLWORKS supplied the recycled beams for the exposed timber frame in the dining room of the Lodge at Bristol Harbor in New York State. Write in No. 6370

pine, Douglas fir, oak, and other species, into flooring, trim, doors, stairs, paneling, and more. Wide-board, strip, & random-width flooring in chestnut, oak, pine, maple, hickory, & redwood.

> T&J Services 812-358-3601; No Fax 3708 N. 250 West Brownstown, IN 47220

Source of antique beams and lumber.



Antique pine from WEST LINCOLN BARN-BOARD & BEAMS adds character to this interior. Write in No. 312

West Lincoln Barnboard & Beams Ltd. 800-719-9051; Fax: 905-643-9219 www.antiquewoods.com Smithville, ON, CANADA LOR 2A0

Source of hand-hewn beams; weathered barnboard; antique flooring; pine, hemlock, oak, Douglas fir, and other hardwoods; rough, planed, tongue-&-groove. Write in No. 312

After 150 Years of Wind, Rain, And Sun, They're Finally Ready.

B arnwood weathered over decades, random-width planks and flooring, and handhewn beams with signatures all their own today they're historical treasures that give you a rare opportunity to create interior and exterior designs with a unique sense of warmth. To find out more about a part of our heritage that's been around for 150 years, but won't be around forever, call (570) 465-3832 or fax (570) 465-3835. Send \$5 for a brochure.

Available through architects, custom builders and interior designers.

Authentic Antique Barnwood & Hand Hewn Beams

R.D. #1, Box 79

Susquehanna, PA 18847 www.conklinsbarnwood.com

WIDE HEART PINE FLOORING

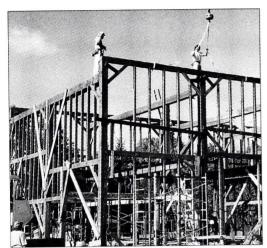
Have you seen our Fine Pine Flooring? We put our Heart into it!

Solid Wide Plank Flooring & Paneling. Old & New Heart & Long Leaf Yellow Pine. Old & New Pine Timbers- up to 20x20-56' long. Custom machined T&G treated. 40 Porch Flooring - Patio & Deck Lumber. We guarantee 1st quality at discount prices. Please Call 800-682-9418 or Fax 706-846-3487 for more information & free samples.

FOSTER WOOD PRODUCTS INC. (Pine Mountain Brand) www.fosterwood.com ■ Box 771, Shiloh, GA 31826

BUYING GUIDE TO TIMBER FRAMING

To create this Buying Guide, the Editors contacted suppliers of TIMBER FRAMING from our database of companies that provide historical products and services to our audience of residential design and building professionals. From the companies' responses, the Editors selected those suppliers you'll find below and on the next few pages because they provide a good upto-date cross-section of the market, both geographically and in the variety of their offerings.



Workers from ANTIQUE WOODS & COLONIAL RESTORATION are dismantling this 40x80-ft. building, which the firm will then re-erect for a new life as a recreational center.

Write in No. 101

Antique Woods & Colonial Restorations, Inc. 610-367-8193; Fax: 610-367-6911 www.vintagewoods.com Boyertown, PA 19512

Source of resawn and recovered vintage wood flooring, siding, beams, and mantels. Also, antique timber frames. Antique heavy timbers, milled lumber, barn lumber, wood flooring; species include heart pine, yellow pine, hemlock, red oak, white oak, cypress. Write in No. 101



The Dutch anchor-beam barn style was adapted by ARCHITECTURAL TIMBERWORKS for this newly built display barn. Write in No. 592

Architectural Timberworks 570-639-2353; Fax: 570-639-0931 www.archtimb.com Dallas, PA 18612

Design, consultation, fabrication, and installation of custom timber framing and related products. New timber-framed barns, fabricated trusses, and custom barn hardware. Write in No. 592

ARK II Timber Frames 509-997-2418; Fax: 509-997-4434 www.ark2timberframe.com Twisp, WA 98856

Timber-frame homes pre-cut and erected in Douglas fir or oak, and enclosed with stresskin panels.

* * *

The Barn People 802-674-5898; Fax: 802-674-6310 www.thebarnpeople.com Windsor, VT 05089

Meticulous dismantling of vintage Bermont barns and outbuildings, reassembled anywhere in the world along with related materials, as dwellings, additions, commercial

structures, Great Rooms and more; consulting services. Antique barns, antique heavy timbers, custom antique structures. Write in No. 440

Bear Creek Lumber 800-597-7191; Fax: 509-997-2040 www.bearcreeklumber.com Winthrop, WA 98862

Top-quality natural wood, many species. Interior tongue and groove for ceilings and walls, wainscotting. Also, cedar, fir or hardwood floorings. Can custom-mill any pattern for siding, decking or paneling. Fancy-cut shakes and shingles in a variety of patterns. Architectural-grade kilndried beams and timbers in clear grades. Delivery anywhere in the world. E-Mail: customerservice@bearcreek-lumber.com. Write in No. 521

Brandy Hollow Restorations 518-239-4746; Fax: Same as phone Brandy Hollow Rd., P.O. Box 7 Durham, NY 12422

Over 20 dismantled antique barns, carriage houses, and farmhouses. Offers structural restoration and frame altering for customized needs using antique building materials and traditional joinery. Delivery and setup anywhere. Write in No. 3180

Cabin & Timber 218-365-6609; Fax: 218-365-3142 www.cabintimber.com Ely, MN 55731

Breathing new life into antique log buildings and timber frame barns since 1996. Restores, moves, remodels and combines vintage, hand-hewn buildings into modern custom homes. See website for pictures and current inventory. Write in No. 242



Along with relocating vintage timber-frame structures, CHESTNUT OAK CO. also salvages and makes available antique heavy timbers.

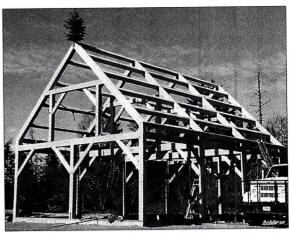
Write in No. 106

Chestnut Oak Company 860-668-0382; Fax: Same as phone www.chestnutoakcompany.com West Suffield, CT 06093

Chestnut Oak Company has an inventory of antique house and barn structures. Will dismantle, move, and re-erect these structures anywhere in the world. Custom residential timber-frames, timber-frame home packages, new heavy timbers, antique frames recycled as homes, design & engineering services, timber-frame restoration, and barns. Write in No. 106



ARK II uses Douglas fir, oak, and recycled old-growth timber in their timber-frame constructions.



This CONNOLLY & CO. frame provides design possibilities that could include a two-car garage, barn, or workshop for its owners.

Write in No. 245

Connolly & Co. Timber Frame Homes & Barns 207-882-4224; Fax: 207-882-4247 www.connollytimberframes.com Edgecomb, ME 04556

Company designs and builds traditional oak-pegged timberframes from trusses to barns to homes. Write in No. 245

Cornerstone Timberframes 204-326-4456; Fax: 204-326-4456 www.cornerstonetimberframe.com Mitchell MB, CANADA R5G IJ3

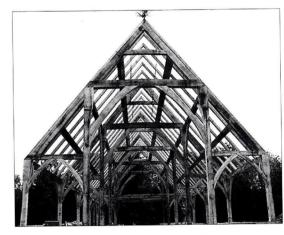
Specializes in custom timberframe homes & cottages. Other projects include timber-framed windmills.

Country Carpenters, Inc. 860-228-2276; Fax: 860-228-5106 www.countrycarpenters.com Hebron, CT 06248

Fine New England-style post-&-beam carriage houses, garden sheds, and country barns. Buildings are pre-cut and pre-engineered for assembly by either the firm or a professional carpenter. New post-and-beam barns, new horse barns available. Cupolas, hand-forged hardware, windows, and doors. *Write in No. 246*

Cowee Mountain Timber Framers 828-369-8186; Fax: Same as Phone www.coweemtn.com Franklin, NC 28734

Timber-frame builder specializing in simple designs with straight rooflines. Also, on-site timber framing and timber-frame trusses for conventional houses. Custom design available. Workshops and apprenticeships. Write in No. 994



Heavy timbers from W.D. COWLS were used to construct this Gothic-inspired building frame. Write in No. 5270

W.D. Cowls, Inc. 413-549-1403; Fax: 413-549-0000 www.cowls.com North Amherst, MA 01059

Company grows their own timber; saw oak, pine, and hemlock posts and beams in their sawmill; can dress timbers on site; large variety of wood products. Structural-grade stamping of timbers available. Mill has a Newman M-68 DMD planer/matcher, and a Stetson Ross 4A4 16x24-in. timber sizer. Write in No. 5270

Crafted in the wood of your choice, our timber frames feature traditional mortise-and-tenon joinery.

Residential • Commerical • Barns

Hearthstone, Inc.

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120 Carriage Dr. Macon, GA 31210

Fax: 478-477-6535

www.hearthstonegeorgia.com



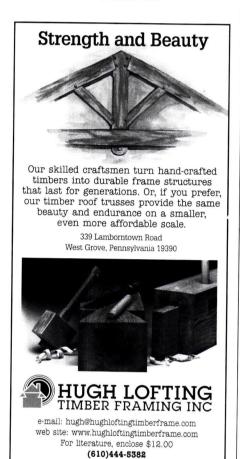
Handcrafted timber frames at reasonable prices

828-369-8186 NATIONWIDE COVERAGE

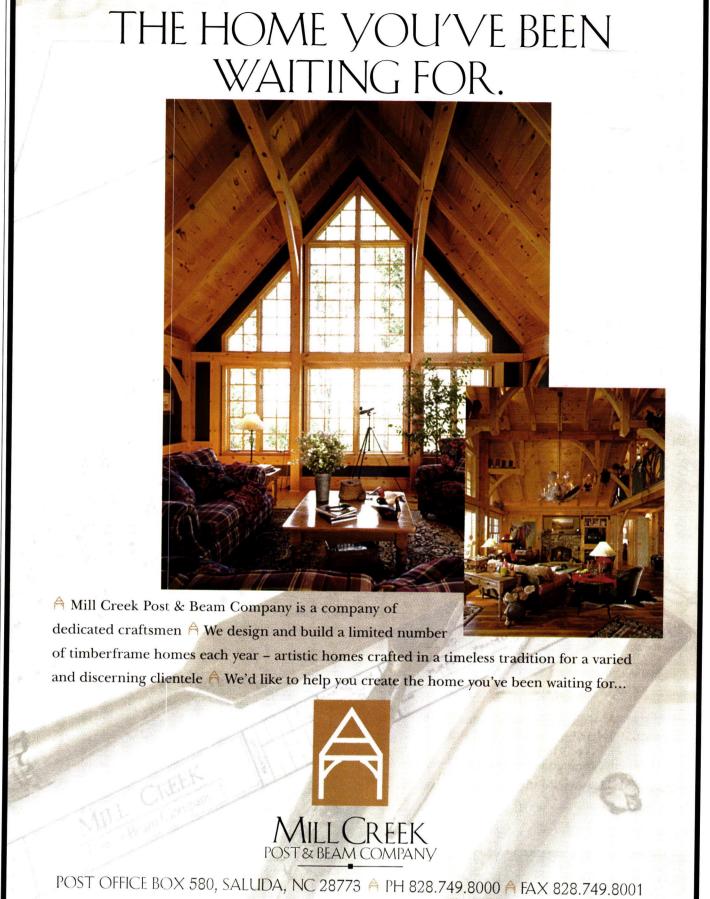
104 Wykle Road Franklin, NC 28734 WWW.TIMBERFRAMESALES.CO



WRITE IN NO. 994



WRITE IN NO. 663



www.millcreekinfo.com

WRITE IN NO. 283

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We are non-profit educational associations dedicated to the research and sharing of techniques relevant to the superior construction of log and timber frame structures, and excellence in log and timber frame businesses.



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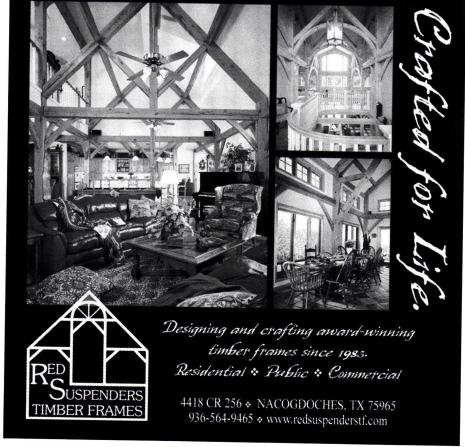
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BUILDERS' ASSOCIATION (800) 532-2900 www.logassociation.org TIMBER FRAME BUSINESS COUNCIL (888) 560-9251 www.timberframe.org

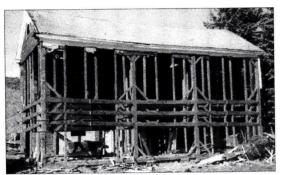
WRITE IN NO. 118



BUYING GUIDE TO TIMBER FRAMING

Craftwright, Inc. 410-876-0999; Fax: Same as phone 100 Railroad Ave., #105 Westminster, MD 21157

Hand-crafted timber-frame structures for homes, museums, churches, chapels, and historic bridges, all cut with traditional mortise-&-tenon joinery. Distinctive antique & refabricated antique structures available. Will ship anywhere. Antique barns, barn homes, new timber-framed barns, antique heavy barn timbers, antique barn siding, new timbers, fabricated trusses. Write in No. 645



DAVID D. PARKER has partially stripped this timberframe barn as part of an extensive restoration project. Write in No. 1238

David D. Parker Structural Restoration 802-257-5717; Fax: 802-257-5719 www.parkerrestoration.com Brattleboro, VT 05301

Specializing in 18th and 19th century houses, barns, and covered bridges; dismantles barns and wooden frame houses and relocates them; workshop has a variety of antique lumbers. Write in No. 1238

Early New England Restorations 860-599-4393; Fax: 860-599-4403 273 Pendleton Hill Rd. North Stonington, CT 06359

Antique pine flooring recycled from old boards. Write in No. 2768



FITZGERALD HEAVY TIMBER CONSTRUCTION milled the timber for this frame using an antique Frick sawmill. Write in No. 2300

Fitzgerald Heavy Timber Construction 301-898-9340; Fax: 301-898-9341 www.fitzgeraldtimberframes.com Thurmont, MD 21788

Repairs to historic covered bridges and timber frames. Hand-formed standing-seam metal roofing; and woodenshake roofing; complete restoration services. Antique barns, barn homes, new timber-framed barns, new horse barns, new timbers and siding, installation of lightning-supression systems; own planing and sawing mill for custom fabrication. Write in No. 2300

H.I.C. Window & Door Co. 615-371-8080; Fax: 615-377-3385 www.homeideacenter.com Franklin, TN 37067

Wood windows and doors with any glazing, wood, size, and shape. Historical, residential, commercial; also offers prefinished, any color, any wood; 10-year warranty. Write in No. 1067



HEARTHSTONE s king-post truss was crafted from white oak with mortise-and-tenon joinery. Call 877-662-6135 for information.

Hearthstone Log and Timber Frame Homes 877-662-6135; Fax: 478-477-6535 www.hearthstonegeorgia.com Macon, GA 31210

Free consultation, professional design, and pre-cutting of timber-frame components and structural insulated wall-and roof-panel systems with choice of interior surfaces (OSV, drywall, t&g). Certified erection crews travel the U.S. Barn homes, new residential and commercial timber frame or log barns, new barn timbers, fabricated timber-frame trusses. Call 877-662-6135 for more information.



HEARTWOOD TIMBERFRAMES home base and store, in Swanton, Ohio, is a showcase for the firm s timberframing capabilities. Write in No. 254

Heartwood Timberframes 888-676-9870; Fax: 419-875-5500 www.HeartwoodTimber.com Swanton, OH 43558

Custom design and manufacture of timber-frame homes, outbuildings, commercial and municipal projects nationwide. Superior joinery and individual attention to each project undertaken. Write in No. 254



Construction of this guest house in Clementon, N.J., centers around a Douglas fir timberframe from HUGH LOFTING TIMBER FRAMING. Write in No. 663

Hugh Lofting Timber Framing, Inc. 610-444-5382; Fax: 610-869-3589 www.hughloftingtimberframe.com West Grove, PA 19390

Since 1974, skilled craftsmen have been joining timber-frame homes, additions, and trusses; also, commercial buildings, including the open-air pavilion of the Baltimore Museum of Industry. Custom work available. Write in No.

Joint Effort Timber Framing, Inc. 802-644-6644; Fax: 802-644-8471 www.jointefforttimberframing.com Cambridge, VT 05444

An intimately sized shop working with you to drive down costs while maximizing creativity and craftsmanship. Call Randy, the crazy guy with the sled-dog team.

Land Ark Wood Finish 803-279-4116; Fax: 803-278-6996 213 Townes Road North Augusta, SC 29860

Environmentally "green" wood finish. Tung oil and citrus base with beeswax and pine resin. No drying agents, chemicals or petroleum products. Reduces checking; foolproof application for timbers, V-groove, flooring, all fine woodwork

Maine Barn Company 207-882-9945; Fax: 207-882-4247 www.mainebarncompany.com Edgecomb, ME 04556

Company brings traditional New England style and architectural heritage to post-and-beam barn designs by experienced timberframe craftsmen. Write in No. 369



MILL CREEK POST & BEAM used old-growth Eastern white pine for the timberframe of this residence. Write in No. 283

Mill Creek Post & Beam Company 828-749-8000; Fax: 828-749-8001 www.millcreekinfo.com Saluda, NC 28773

Custom-designed, hand-crafted timber-frame structures in Eastern white pine. EPS or ISO insulated panels. Write in No. 283

Murus Co. 570-549-2100; Fax: 570-549-2101 www.murus.com Mansfield, PA 16933

Manufacturer of structural insulating panels for exterior wall and roof applications in residential and light commercial construction. Polyurethane SIP's offer superior R-values and have a tongue-and-groove profile and patented cam-locking system for ease of installation. EPS SIP's are a high-quality, competitively priced alternative to conventional construction methods. Services include design and engineering, pre-cutting, installation, and on-site technical assistance.

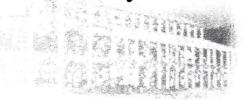
New Energy Works Timber Framers 716-924-3860; Fax: 716-924-9962 www.newenergyworks.com Farmington, NY 14425

Maker of post-and-beam homes, barns, and commercial buildings; also, new and antique heavy timbers, design/engineering services, insulating envelope systems. Full-service design/build firm also provides interior/exterior millwork.

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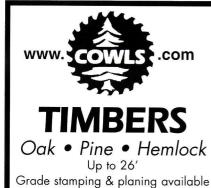


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http://members.aol.com/netimbrfrm e-mail: netimbrfrm@aol.com/

WRITE IN NO. 928



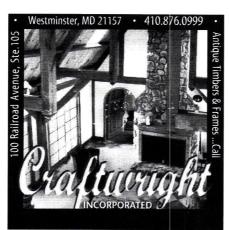
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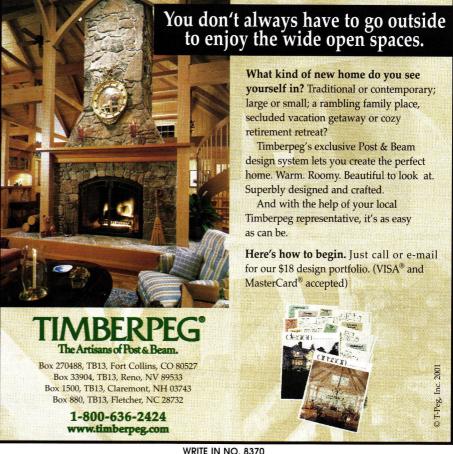
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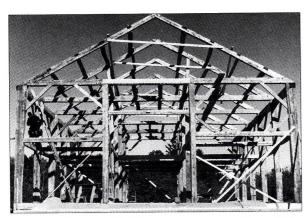
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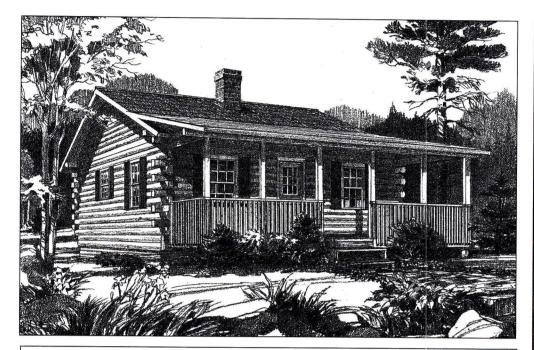
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AUTUMN 2001 ◆ 56 ◆ PERIOD HOMES

LOG HOMES AMERICAN STYLE!

For the architect or other building professional with not much experience in the area, the world of log homes can be more than a little mystifying. Many log-home manufacturers offer vast ranges of services, from custom design to hand-hewn or antique timbers, to packaged kits for the do-it-yourselfer. So satisfying client needs, even if they are not sure themselves what they want, need not be a struggle.





In an example of work by Kerry S. Hix, this house is one of several structures currently being restored at Rockdale Plantation in Gordon County, Ga. First settled in 1785, many of the old cabin buildings were covered with weather boards and are intact with their small pane windows. The original log house, a one-and-a-half story dog-trot, was one-room wide of hand-bewn logs fastened together with half-dovetail notching and mortise-and-tenon jointing. The back rooms, loft and north wing (seen here) were added, probably in the 1840's or 50's, using different construction methods. Part of an ambitious restoration project, this house is seen in its nearly restored condition. (Photo courtesy of Kerry S. Hix Antique Log Cabins)



Above: This photograph shows up close detail work on a log cabin restored by Kerry S. Hix. This cabin originally was meticulously taken apart and reassembled. Part of Hix's expertise lies in the ability to reconstruct the hand-hewn elements without defacing the integrity of old timbers or losing the patinaed quality. (Photo courtesy of Kerry S. Hix Antique Log Cabins)

Top Left: This design for a one-bedroom cabin is 672 sq.ft. and has the look of a mountain lake retreat. Northeastern Log Homes, known for their milled timbers and trademarked components, offers a range of packaged designs but will also work with architects and builders to create custom houses. All millwork is traditionally inspired but incorporates the latest technology. Northeastern has developed an innovative tongue-&-groove system that joins the logs to prevent air and water infiltration. (Drawing courtesy of Northeastern Log Homes)

By Henrika Taylor

The editors of *Period Homes* have compiled a buying guide for log homes, which is a comprehensive, but by no means an exhaustive, resource aimed at presenting the full range of available products and services. Here, we complement the Guide with a discussion of the ins and outs of loghome construction.

A Universal Structure

Every country has its own log-home vernacular. In the United States, log cabins, long a symbol of how the American frontier was settled, were originally small structures that provided inhabitants with the bare minimum of comfort. Even so, skill and considerable hard labor was needed to engineer a basic one-room log home. Ten to twelve large trees were required, felled, trimmed, and notched for dovetail corners. The simplest of tools and a lot of common sense resulted in sturdy buildings that often included a surprising amount of detail.

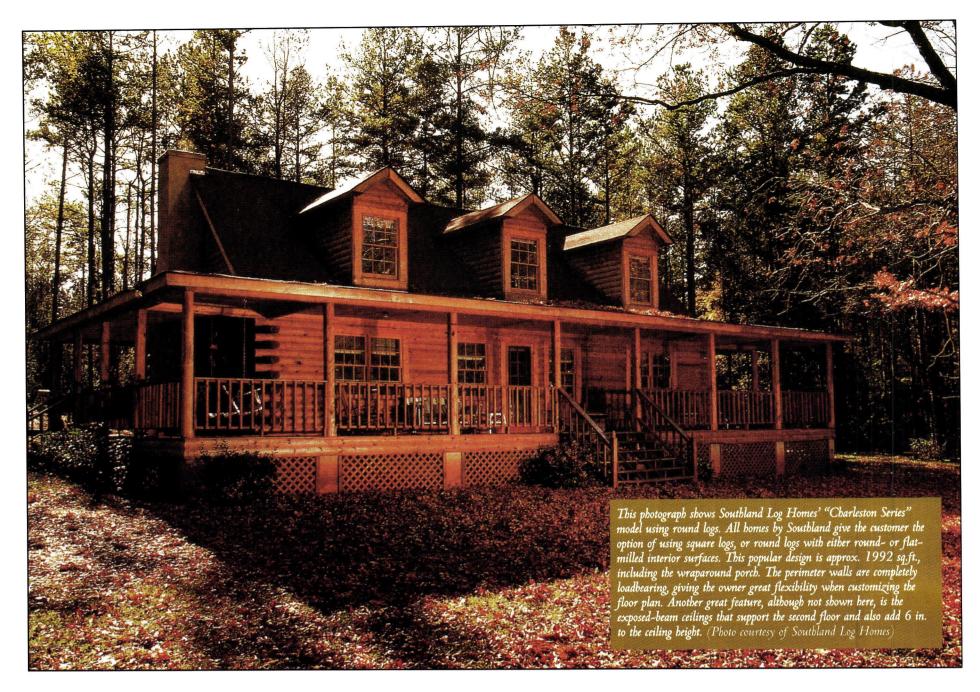
The Old...

Log cabins that have survived from the 17th and 18th centuries serve as inspiration for the log-home

builders or "logsmiths" of today. The restoration of existing homes enjoys a healthy market, not only from a historical, hand-crafted standpoint, although this is important, but also because log homes have a natural beauty and are fun to live in. Most people, at some point in their lives, romanticize the rustic charm and simplicity of living in a log cabin. We can't help ourselves.

The fact is, however, that in addition to having charm and historical precedent, log homes are also energy efficient. According to the National Bureau

continuced on page 58



of Standards, log walls provide "thermal mass," a desirable energy-conserving feature.

Regardless of the practical reasons or any romantic notions, the preservation or relocation of log homes to new sites are readily available services performed by numerous companies. Depending on the needs of a client, an architect can direct the recreation of a log home, or design additions to a vintage home using antique timbers.

... And the New

New log homes are also very popular with clients. Although based on traditional log construction, they can be a far cry from the one-room frontier cabin. Today's need for multiple bedrooms, bathrooms, great rooms, and every modern convenience may be incorporated into a traditional log home. Log construction is flexible! Many companies with their own mills cut timber specifically for log-home construction. There are also companies that provide kit packages with numerous options for customizing. According to a website for Old Virginia Log Homes, there are over 360 manufacturers of new log homes from which to choose. Another site, www.Lhoti.com, lists 99 sites in the Handcrafted Log Homes category alone.

Across the Board

To give our readers a sampling of what some loghome specialists provide, brief profiles on four very different companies follow below:

Kerry S. Hix Antique Log Cabins and Outbuildings is a small family-run business located in Chatsworth, Ga. Best known for restoration work, Kerry Hix maintains a large inventory of authentic American pioneer-built, hand-hewn log cabins that date from the late 1700s. Each structure is researched, dismantled, numbered, and usually removed from its original site to be transported to storage.

The buildings — homes, barns, smokehouses, corncribs — are stored until a customer wishes to have it rebuilt. Hix also specializes in new replica cabins, called "repli-cabins"; does cabin restoration; supplies wide pine flooring and salvaged building

materials; offers construction planning; provides logtimber framing; and uses naturally felled timbers for new construction as often as possible. The Kerry S. Hix company mission is to preserve the heritage and individualism of the hand-crafted home as well as conserve natural resources. Kerry Hix's passion for log buildings keeps alive the history and romance of the American log house for the 2Ist century and beyond.

Southland Log Homes in Irmo, S.C., is a large company with branches in many states. They specialize in complete packages and custom designs for new homes, which are shipped from the mills in Irmo or Elliston, Va., and built anywhere in the U.S. or abroad. Southland uses Southern yellow pine timbers, an abundancue of which is found in South

continuced on page 59

This image (below) shows a Dogtrot-style cabin that was Indian-built near New Echota, Ga. Kerry S. Hix dismantled it and relocated it to his farm in Chatsworth, Ga., along with a smokehouse, spring house, and an unusual cantilever barn. A dogtrot cabin is built of two log cabins side-by-side with a hallway running between them from the front door to the back. The cross-breezes made the hallway a cool place for dogs to lie in, thus giving this particular type of cabin its name. The portion of the house to the viewer's right was originally called a "Parson's room." It would have had its own door off of the porch so that a traveling preacher could ride up and find a place to stay for the night. The kitchen, seen at the back of the house, would have been detached in the 1800s but is now part of the house. (Photo courtesy of Kerry S. Hix Antique Log Cabins)





Kerry S. Hix

enjoys a fine reputation due to his restoration efforts, providing clients with the best examples of "Antique Log Structures" some over 200 years old — & his hand-built "Repli-Cabins," new construction but authentic in detail, logs 12" to 24" wide.

• We also manufacture top quality "Wood Flooring & Paneling" Pine, Oak, Poplar, Walnut & others. Thicknesses: 3/4" & 1-1/2" Widths: 4" to 16" Machine planed two sides, tongue and grooved.

- Paneling is Machine or "Hand Planed"
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940 Piney Hill Road, Chatsworth, GA 30705 (706) 695-6431

Recognition in the following magazines: Town & Country, August 1994; Atlanta Homes & Lifestyles, October 1994; Log Home Living, July 1995; Architectural Digest, June 1996; Mountain Living, Summer 1997; Home & Garden TV, November 1998 & February 1999.



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WRITE IN NO. 235

LOG HOMES, AMERICAN STYLE, continued from page 58

Carolina. This large supply, harvested with environmentally sensitive methods, provides the customer with timbers that have one of the highest strength ratings of any of the commonly used softwoods, including cypress and cedar. Yellow pine is used for Southland's round logs that are milled with either round or flat interior surfaces. White pine is also used, although primarily for the rectangular logs milled for dovetail-style homes. The logs are graded by the Timber Products Inspection Bureau (TPI), the organization that sets standards for knots, stains, slope of grain, propensity to split, and other criteria.

Another large company, Precision

Craft Log Structures in Meridian, Idaho, offers 46 standard floor plans for log homes that range in size from 491 sq.ft. to 3,186 sq.ft. Precision Craft also provides an extensive line of graded timber products, hand-crafted originals or newly milled, in a variety of profiles, species, and sizes, as well as full-shell log homes. The hand-crafted facility is located in Chilliwack, British Columbia, where timbers from the Pacific Northwest are hewn and shaped by traditional methods. Precision Craft specializes in custom design services along with product diversity, technology, and support for building new log homes.

Northeastern Log Homes of

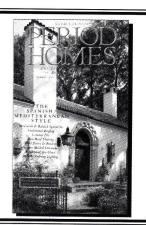
Groton, Vt., has designer-engineers that work with architects and builders to create custom kits that wed classic style with high-quality components.

Designs are inspired by pre-1940s American farm houses, turn-of-thecentury mountain lodges, or rustic log cabins reminiscent of the I920s. ◆



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BUYING GUIDE TO LOG HOMES

About This Buying Guide

To create this Buying Guide, the Editors contacted suppliers of LOG HOMES from our database of companies that provide historical products and services to our audience of residential design and building professionals. From the companies' responses, the Editors selected those suppliers you'll find below because they provide a good upto-date cross-section of the market.



This dramatic log home was designed and built by ALPINE LOG HOMES for a client in Jackson, Wyo.

Alpine Log Homes 406-642-345I; No fax www.alpineloghomes.com Victor, MT 59875

Manufacturers of one-of-a-kind, hand-crafted, authentic log structures.



ANDERSON LOG HOMES continues the tradition of inter-locking v-joint notches and hand-scribing in their log homes.

Andersen Log Homes Co. 218-547-3433; Fax: 218-547-3425 6425 State 371 Walker, MN 56484

Custom, hand-crafted log homes, cabins & commercial structures built with the Scandinavian full-scribe method; specializes in large timber. Architectural services available.

Antique Woods & Colonial Restorations, Inc. 610-367-8193; Fax: 610-367-6911 www.vintagewoods.com Boyertown, PA 19512

Source of resawn and recovered vintage wood flooring, siding, beams & mantels; antique timber frames, antique heavy timbers, milled lumber, barn lumber in heart pine, yellow pine, hemlock, red oak, white oak, cypress. *Write in No. 101*



APPALACHIAN LOG STRUCTURES' "Richmond" design features multiple gables and high-peaking roof lines as well as over 2,300 sq.ft. of open living space.

Appalachian Log Structures 304-372-6410; Fax: 304-372-3154 www.applog.com Ripley, WV 25271 Precut and numbered log-building materials in over 60 standard or custom designs. Eight log profiles; four corner styles. Borate pressure treated with a 25-year warranty.

The "Settler" design from BEAVER MOUNTAIN LOG HOMES is available in Northeastern white pine or Western red cedar. Write in No. 233

Beaver Mountain Log Homes, Inc. 607-467-2700; Fax: 607-467-2715 www.beavermtn.com Hancock, NY 13783

Precision pre-cut and -numbered, custom log- and cedar-home building systems, which provide high-quality, ready-to-assemble, pre-cut components, engineered for ease of assembly; save time and labor at jobsite. Shipped throughout the Northeastern US. Buy direct. Four model homes on site, seminars, workshops, mill tours, and log raising held monthly. Write in No. 233

BK Cypress Log Homes, Inc. 800-553-1564; Fax: 352-486-8075 www.bkcypress.com1 Bronson, FL 32621

America's oldest manufacturer of Tidewater Red Cypress log homes. Specializes in custom designs, 60-year limited warranty on triple t-&-g milled logs; offers a line of cypress products from logs to finished flooring, hand-hewing to hand-peeling. Write in No. 235



BRONSON LOG HOMES preassemble and disassemble their structures prior to shipping to ensure smooth erection.

Bronson Log Homes, Inc. 541-426-6072; Fax: 541-426-0169 www.bronsonloghomes.com Enterprise, OR 97828

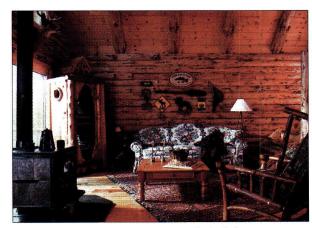
Builder of quality custom, hand-crafted log-home packages. Design and engineering to construction and financing.



CENTRE MILLS supplied the vintage logs that were used to make the log homes on the set of the film "Beloved." Write in No.

Centre Mills Antique Floors 717-334-0249; Fax: 717-334-6223 www.igateway.com/mall/homeimp/wood/index.htm Aspers, PA 17304

Original period log cabins; antique flooring; hewn logs for rafters and joists (structural and decorative); doors; decorative architectural elements; porch posts; wavy glass; more. Company has relocated and restored a number of log cabins. Write in No. 1740



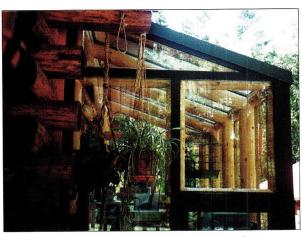
This intimate living area is part of a chalet built by COUN-TRY LOG HOMES in the Catskill Mountains of New York

Country Log Homes 413-229-8084; Fax: 413-229-2339 www.countryloghomes.com Ashley Falls, MA 01222

Fully pre-cut quality log-home packages offer ease of assembly. Each log-home design, custom, or standard, to spec.

Fitzgerald Heavy Timber Construction 301-898-9340; Fax: 301-898-9341 www.fitzgeraldtimberframes.com Thurmont, MD 21788

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BUYING GUIDE TO LOG HOMES



HIGH COUN-TRY LOG HOMES has been creating distinctive custom log homes for more than 20 years.

Kerry S. Hix Antique Log Cabins 706-695-6431; Fax: 706-695-9004 www.porch.com/logcabin.htm Chatsworth, GA 30705



KERRY S. HIX ANTIQUE LOG CABINS designs and builds new cabins, as well as maintaining an inventory of antique log cabins, some of which date from the 18th century. Write in

Buys, restores & builds an inventory of 150-200-yr.-old antique hand-hewn log structures (houses, cabins, barns & other outbuildings). Hand-builds "new" log houses, barns & other outbuildings with logs up to 2 ft. wide with no two logs alike. Square footage custom to spec. Manufactures quality wide-pine flooring; wood species available. Delivery and set up to any stage of completion including chimneys. Write in No. 265

International Log Builders Association 250-547-8776; Fax: 250-547-8775 www.logassociation.org Lumby, B.C. CANADA V0E 2G0

Non-profit educational association which facilitates training programs to building professionals and to the general public on all skill levels. *Write in No. 118*

Jim Barna Log Systems 800-962-4734; Fax: 423-569-5903 www.logcabins.com Oneida, TN 37841

Offers a wide variety of log profiles combined with design, delivery, construction, financing & consultation.

Legacy Log Homes 406-745-2040; Fax: 406-745-2222 www.legacyloghomes.com Saint Ignatius, MT 59865

Construct homes with large-diameter, full-length logs, hand-peeled with razor-sharp drawknives. Homes crafted in Swedish-cope or chink-style construction. Delivers nationwide and handles the re-assembly at jobsite.



MONTANA IDAHO LOG HOMES specializes in mountain lodges as well as traditionally crafted cabins and homes.

Montana Idaho Log Homes Inc. 406-96I-3092; Fax: 406-96I-3093 www.mtidlog.com Victor, MT 59875

Custom hand-crafted vacation cabins to log lodges in a variety of profiles.



NORTHEASTERN LOG HOMES' "Sportsman's Cabin" is available with options such as solid v-matched wood interior paneling and Anderson roof windows.

Northeastern Log Homes, Inc. 207-884-7000; Fax: 207-884-3000 www.northeasternlog.com Kenduskeag, ME 04450

Designer/engineers work with architects and builders to create custom kits; classic styling; quality components. Designs inspired by pre-1940s American farm houses or Turn-of-the-Century mountain lodges.

Nutrioso Log Works 928-339-4657; Fax: Same as phone www.nutriosologworks.com Nutrioso, AZ 85932

Family-run business with over eight years log-building experience. Large-log construction or small. All packages include log walls, full-log gable ends, loft floor joist, purlins and/or rafters, and staircase material.



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This home from PRECISION CRAFT LOG STRUCTURES was built in a Swedish cope style featuring beaver-tooth corners punctuated by interlocking saddle-notch corners.

Precision Craft Log Structures 208-887-1020; Fax: 208-887-1253 www.precisioncraft.com Meridian, ID 83642

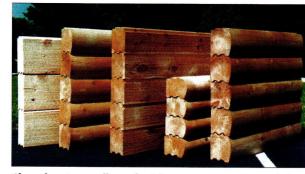
Extensive line of log & timber products including fine milled logs, hand-crafted originals & full-shell log homes.



SOUTHLAND LOG HOMES offers a buge range of standard designs and packages as well as custom-design and -construction capabilities.

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Shown here is a small sample of the extensive range of interlocking-timber styles available from WHOLESALE LOG HOMES.

Wholesale Log Homes, Inc. 919-732-9286; Fax: Same as phone www.wholesaleloghomes.com Hillsborough, NC 27278

Log-home materials sold wholesale; milled-log products that make up kits and packages; finished white-pine boards; all sizes of timbers, rough or surfaced; screws, sealants, log siding. Smartwood certified.

NEW & ANTIQUE BARNS

About This Buying Guide

To create this Buying Guide, the Editors contacted suppliers of NEW & ANTIQUE BARNS from our database of companies that provide historical products and services to our audience of residential design and building professionals. From the companies' responses, the Editors selected those suppliers you'll find below and on the next few pages because they provide a good up-to-date cross-section of the market, both geographically and in the variety of their offerings.

Architectural Timberworks 570-639-2353; Fax: 570-639-0931 www.archtimb.com Dallas, PA 18612

Design, consultation, fabrication, and installation of custom timber framing and related products. New timber-framed barns, fabricated trusses, and custom barn hardware. Write in No. 592

Ashland Barns 541-488-1541; No Fax www.ashlandbarns.com Ashland, OR 97520

Plans for barns and outbuildings; 98 barn blueprints available. Catalog: \$5.00.

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Barn People, The 802-674-5898; Fax: 802-674-6310 www.thebarnpeople.com Windsor, VT 05089

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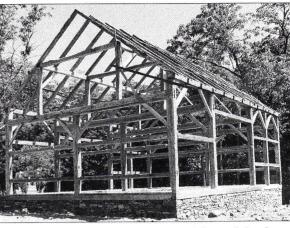
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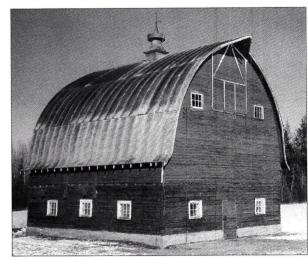
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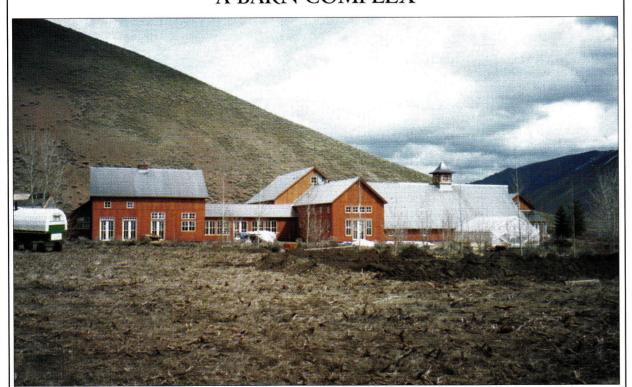
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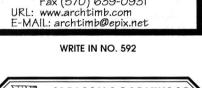
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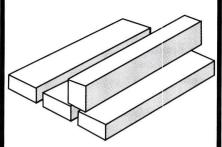
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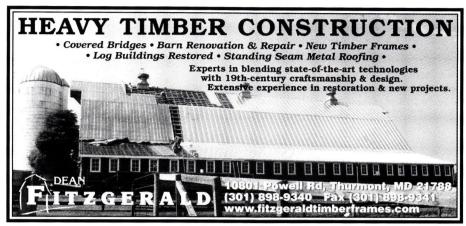
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BUYING GUIDE TO NEW & ANTIQUE BARNS

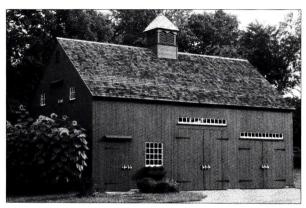
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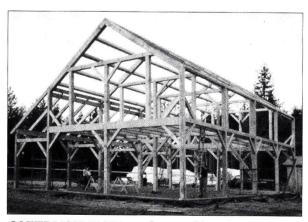
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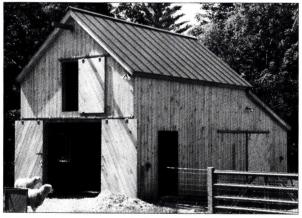
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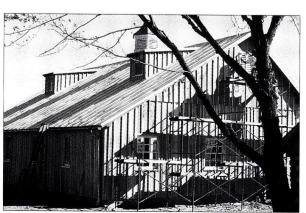
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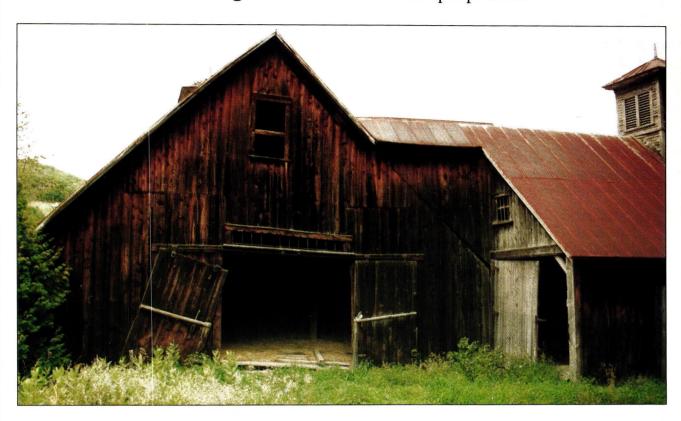
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WHEN IS A DOOR NOT A DOOR

A construction project in Martha's Vineyard created an unusual opening for Maurer & Shepherd Joyners, Inc. And vice versa.

by Leslie Jay

s part of a complete restoration started in 1999, the owners of this 19th-century beach house needed new doors and windows. The job of crafting them went to Maurer & Shepherd, a Glastonbury, Conn.-based company that specializes in period work. "The owners of the house wanted to upgrade it without changing the style," explains M&S co-principal Hap Shepherd, noting that the original

EXTERIOR VIEWS Below right: Outside, the opened panel has room for additional play, thanks to the beveled sill ends below the glass. The windows themselves are fully operative and the clips can hold screens or storm windows. Right: Despite the telltale hardware, the closed panel is fairly unobtrusive.



windows used an array of different systems, from ropes and pulleys to tapes and balances. Specs called for exterior storm windows and screens and, to eliminate the need for puttying, wood-stopped single glazing.

Shepherd's shop ultimately manufactured more than 40 windows in mahogany. To complement them, M&S fabricated screens from the same wood, filling the frames with bronze mesh that could hold up in a seaside environment.

The company also made ten standard doors. But what to do about the ugly sliding doors that led to the





INTERIOR VIEWS Top left: When is this panel a door? When it's ajar. Basically complete — except for the interior molding beneath the glass — the panel swings open to the porch. Above: When the panel is closed, the hinges are invisible and the sills of the adjacent windows meet, creating a seamless appearance. Only the brass handle, at left, suggests the existence of a door.

porch? Although the pair, installed sometime in the 1950s, were admittedly convenient, their wide expanses of glass looked distinctly out of character in an old house. M&S's solution was a structural hybrid: a hinged panel that does double duty as door and window. As unlikely as it sounds, both elements are totally functional. When the former is closed, the latter can be opened. The unusual concept took approximately \$10,000 to execute, "cheaper than wheeled, pull-back doors," observes Shepherd.

Inside and out, the panel took its cues from the adjacent window. Because the entire house was being rehabbed at once, on-site carpenters had no problem matching materials. (M&S does not handle installations.)

A mullion divided the upper glass, like its neighbor, into eight panes. Below the glazing, the interior beadboard was extended along the 4-ft. width of the panel. Outside, the interlocking cedar shingles were engineered to match those on the rest of the porch. Holding it all together are stainless-steel pintle hinges, which permit the oversize panel to be lifted. "Aside from the handles, you don't notice the door," says Shepherd, who enjoys challenges; for another project, he reports, "I've done bulletproof windows that look 18th century."

BUYING GUIDE TO ARTS & CRAFTS TILE

About This Buying Guide

To create this Buying Guide, the Editors contacted suppliers of ARTS & CRAFTS TILE from our database of companies that provide historical products and services to our audience of residential design and building professionals. From the companies' responses, the Editors selected the suppliers you'll find below because they provide a good up-to-date cross-section of the market, both geographically and in the variety of their offerings.



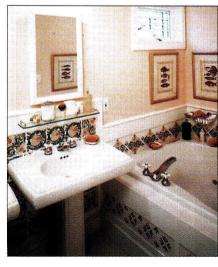
Tile murals in earthy tones, such as "Room with a View" pictured here, are a specialty of ARTFIND TILE.

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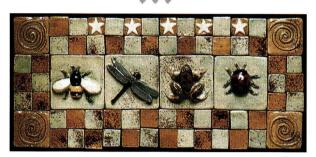
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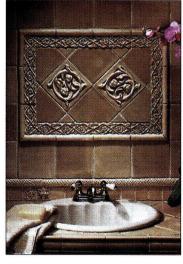
FRESH FISH CERAMICS' hand-pressed tiles feature quirky animal and insect motifs.

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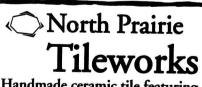
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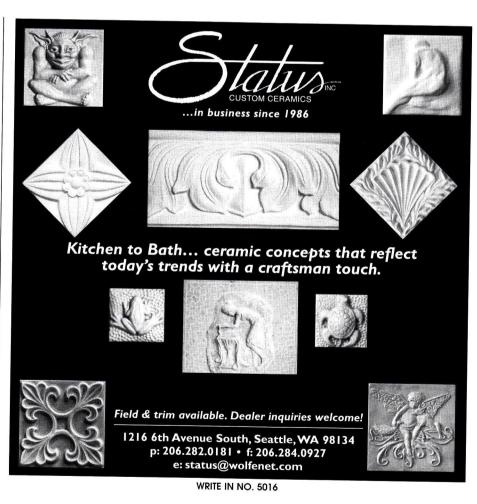


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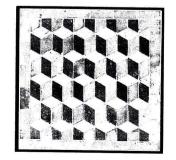




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ORNAMENTAL CEILINGS & FANS

About This Buying Guide

To create this Buying Guide, the Editors contacted suppliers of ORNAMENTAL CEILINGS & FANS from our database of companies that provide historical products and services. From the companies' responses, the Editors selected the suppliers you'll find below because they provide a good up-to-date cross-section of the market.



After a ceiling from AA-ABBINGDON has been nailed in place, caulk is used to hide the seams where the sections of metal meet. Write in No. 8920

AA-Abbingdon Affiliates, Inc. 718-258-8333; Fax: 718-338-2739 www.abbingdon.com Brooklyn, NY 11234

Company carries 35 original Victorian & Art Deco designs of tin panels for ceilings and walls, and 13 cornice styles. Finishes: unpainted or prepainted white, brass- or copperplated, and chrome. Stainless steel for backsplashes. *Write in No.* 8920.

Archicast 901-323-8717; Fax: Same as phone www.archicast.com Memphis, TN 38112

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ARCHITECTURAL PRODUCTS BY OUT-WATER's #R.37 decorative ceiling medallion, from the firm's "OracDecor" collection, is molded in high-density polyurethane. Write in No. 56

Architectural Products by Outwater, LLC 800-835-4400; Fax: 800-835-4403 www.outwater.com

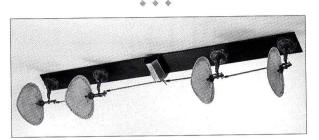
www.outwater.com Wood Ridge, NJ 07075

Supplier of more than 35,000 ready-to-ship standard & innovative building-component product essentials that include interior/exterior architectural millwork, columns, decorative mouldings & trim, wrought-iron components, hardware & lighting. Write in No. 56

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This shop specializes in casting architectural elements in plaster; custom work available. Also, cast-plaster sculpture. Cornice moldings, columns & capitals, door & window surrounds, ceiling medallions, ornamental ceilings, niches & domes, brackets & corbels & statuary in plaster, FGR95, Quickcast, & Gardencast.

ATAS International, Inc. 610-395-8445; Fax: 610-395-9342 www.atas.com Allentown, PA 18106 Manufacturer of architectural building panels, linear ceiling systems, metal roofs, wall and soffit systems, accessories, sheet stock. Roofing in standing seam, simulated European-& Spanish-style tile, simulated shake and shingles. Standing seam, square batten, flush panel, metal tile, metal shingle, metal soffit panel; materials include galvanized, painted steel, copper, zinc; also, flashing, metal trims.



BAUER INTERNATIONAL's "Punkah" fans have an antique- brass finish and are available in custom sizes.

Bauer International 843-884-4007; Fax: 843-884-7789 www.bauerinternational.com Charleston, SC 29492

Supplier of the Raffles ceiling fan, the same kind of fan that graced the verandah of the Raffles Hotel in the I800s. The blades are bamboo palms and the 3-speed motor is reversible. To the trade only.



CHELSEA DECORA-TIVE METAL supplies pressed-tin sheets, such as this 2x2-ft. Victorian design, for walls and ceilings. Write in No. 190

Chelsea Decorative Metal 713-721-9200; Fax: 713-776-8661 www.thetinman.com Houston, TX 77074

Pressed-tin panels for ceilings and walls. Easy-to-install decorative sheets in 2-x-4-ft. sections; cornices in 4-ft. lengths. Styles from Victorian to Art Deco. Designs come in 6-, I2-, or 24-in. repeat patterns. Shipped anywhere. Stamped/pressed metal ornament. Write in No. 190

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Model #CF1AB in EMERSON's catalog is an antique brass housing seen here with #B1WA walnut blades, #F440AB fitter, and #CFGC3 glass.

Emerson Electric 314-553-5359; Fax: 314-553-5311 www.emersonfans.com Saint Louis, MO 63136

Many models of ceiling fans, including Victorian and Art Deco styles, from this large manufacturer. Direct-motordriven ceiling fans.

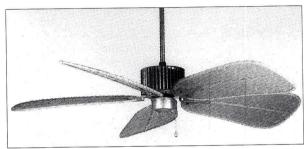
> Entol Industries, Inc. 800-368-6555; Fax: 305-247-6211 www.entol.com Homestead, FL 33030

Large selection of stock and custom architectural ornament

and other elements in polymer, wood, gypsum, GRG, FRP, etc.; primed or prefinished; interior or exterior. Write in No. 2050



This classically inspired, elaborate, lightweight molded ceiling from ENTOL INDUS-TRIES installs in a standard metal suspension system. The firm supplies ornament in gypsum, polymer, GRG, and FRP. Write in No. 2950



The "Louvre" fan from FANIMATION can be customized with woven bamboo, palm leaf, or canvas blade designs, as well as antique-brass, white, black, pewter, or galvanized finishes. Write in

Fanimation 888-567-2055; Fax: 765-482-5215 www.fanimation.com Lebanon, IN 46052

Ceiling-, wall-, and floor-mounted fans: belt & pully-driven fans; The Islander with real palm leaves., The Palisade with verical rotation, The Punkah with side-to-side synchronized motion. Also, optional light fixture for fans. *Write in No.* 9550



GRAND ENTRIES' striking elliptical brick dome has a minor axis of 12 ft., a major axis of 18 ft., and rises 32 in. at the center.

Grand Entries 806-679-2160; Fax: 806-655-6795 www.grandentries.com Canyon, TX 79015

Fabricates and installs many styles of custom ceilings where an architectural accent is desired. Styles include groined vaults, cross vaults, elliptical and radial domes, cloistered and trefoil domes, and planed polygons.



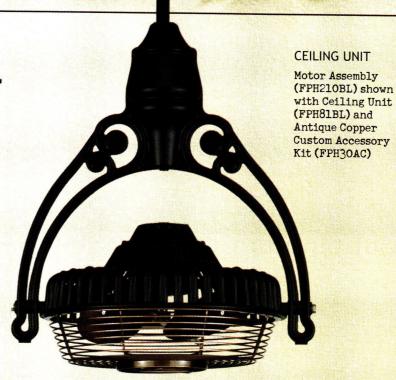
The dome effect in this ceiling was produced by using MANOR STYLE flex molding on the perimeter of a circular recess and adding a medallion.

Manor Style, Ltd. 800-325-2188; Fax: 410-298-0848 6741 Whitestone Rd. Baltimore, MD 21207

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Motor Assembly (FPH210BL) shown with Pedestal Unit (FPH21BL) and Antique Copper Custom Accessory Unit (FPH30AC) and Custom Carved Post (FPH70CP)



WALL UNIT

Motor Assembly (FPH210BL) shown with Wall Unit (FPH61BL) and Pewter Custom Accessory Kit (FPH30PW)



945 Monument Drive Lebanon, IN 46052 888.567.2055 www.fanimation.com

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FLOOR/DESK UNIT

Motor Assembly (FPH210BL) shown with Floor/Desk Unit (FPH41BL) and Polished Brass Custom Accessory Kit (FPH50PB)



THE PERIOD KITCHEN



GERMAN SILVER SINK CO. specializes in reproductions of 19th-century nickel-silver German sinks which, aside from being band-crafted centerpieces in the food-preparation area, protect fine china and crystal from breakage. Write in No. 426

Good Time Stove Co. 413-268-3677; Fax: 413-268-9284 www.goodtimestove.com Goshen, MA 01032



The antique "Highland Grand" range from GOOD TIME STOVE bas castings bigblighted by a combination of nickel and black cast iron. Call 413-268-3677 for more information.

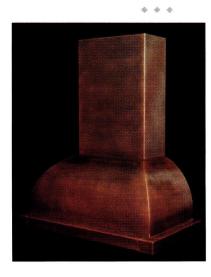
Authentic antique kitchen ranges and heating stoves, circa 1840-1930. Fully restored & functional; restored enamel, cast-iron, wood, and wood-gas combos; electric conversions available. Products include antique heating stoves, woodburning fireplaces, and gas-burning fireplaces. *Call 413-268-3677 for more information.*

Hallidays America, Inc. 973-729-8876; Fax: 973-729-5149 P.O. Box 731 Sparta, NJ 07871

Specializes in hand-crafting period wood architectural detailing, mantel pieces, paneled rooms, cabinetry, furniture, and hand-carved mouldings, that works with today's living requirements. All work is done in their workshops in England & Ireland. *Write in No. 253*

Historical Arts & Casting, Inc. 800-225-1414; Fax: 801-280-2493 www.historicalarts.com West Jordan, UT 84088

Designer and manufacturer of lighting, columns and capitals, cornices, railings, fences, newels, planters, finials, street furnishings, and fountains cast in bronze, aluminum, or iron. Restoration and custom work. Gas-lighting projects and large-scale restoration projects. *Write in No. 1210*



The antique copper "Casino Royale" range hood from INDEPENDENT INC. is available as either a wall-mounted or island model.

Independent Inc. 775-358-0263; Fax: 775-358-0288 www.kitchenhood.com Sparks, NV 8943I

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PURCELL MURRAY CO. supplies the "Grand Palais" range from La Cornue, which measures 6 ft. wide and features a patented grand vaulted

Purcell Murray Co. 630-832-5261; Fax: 630-832-5268 www.purcellmurray.com Brisbane, CA 94005

Manufacturer of kitchen ranges, with porcelain-enamel, brass, copper or nickel fittings.

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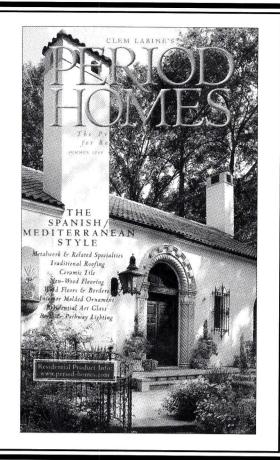
RYSSO PETERS, INC. specializes in hand-crafted custom kitchen cabinets and furniture, with an emphasis on architectural details such as the columns and pilasters in this room.

Rysso-Peters, Inc. 623-587-9122; Fax: 623-587-8955 225 W. Deer Valley, Ste. I Phoenix, AZ 85027

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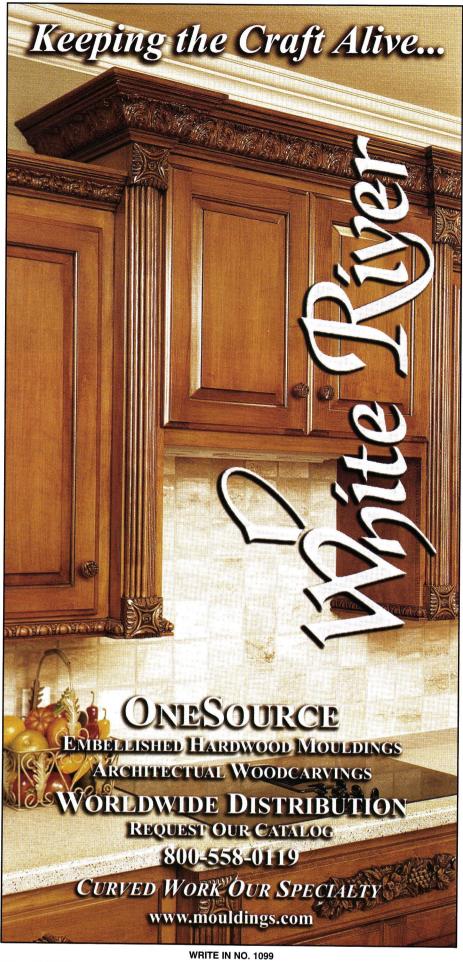
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BUYING GUIDE TO

THE PERIOD KITCHEN

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This double-basin farmhouse sink, #C04-33D in the STONE FOREST catalog, was crafted from blue-grey granite. Write in No. 1108

Stone Forest 505-986-8883; Fax: 505-982-2712 www.stoneforest.com Santa Fe, NM 87504

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The SinkWorks 610-759-4950; Fax: 610-759-9096 www.sinkworks.com Nazareth, PA 18064

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Watermark Designs 718-257-2800; Fax: 718-257-2144 www.watermark-designs.com Spring Creek, NY 11208

Fabricators of decorative bath fittings, hardware, accessories, and lighting.

The Renaissance of the Ornamental Cast-Iron Radiator

... and other decorative ways to specify heat for your client's home.

by James R. Marshall

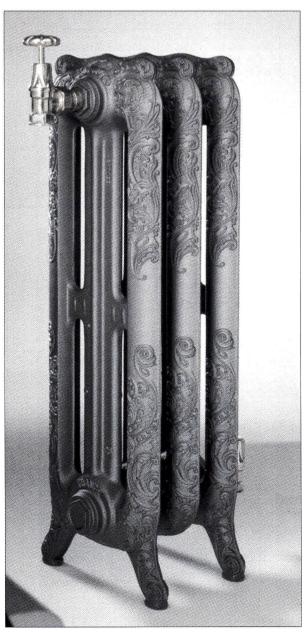
emember those great curlicued cast-iron radiators in Grandma's house? They looked great and heated the house quite well. But through much of the 20th century people couldn't wait to get rid of such outmoded antiquities, along with other old junk like clawfoot bathtubs. Most of us today have become accustomed instead to warming ourselves with such modern developments as baseboard or radiant floor heating. But if you're renovating an old house, or building a new one with a period look, you may want to achieve a genuine effect with your heating system, as well as with your moldings and window treatments.

If so, until recently the only answer had been to try a plumbing-salvage yard. While this is still a practical way to go about it, if you don't feel like rummaging through the scrap heap, take heart. Just as the restoration movement has created a market for newly-minted clawfoot tubs, so have a few companies begun to offer reproduction cast-iron radiators.

We talked to representatives of some of these companies and they agree that, while most ornamental radiators being installed today are still reclaimed and restored from old buildings, there is a steady and increasing demand for reproductions. "They're firing up the foundries," says Francis Fehey of A-I New & Used Plumbing & Heating Supplies of Somerville, Mass., which itself supplies only reclaimed versions.

Older and Wiser

Before we get to the suppliers, a word about hydronic (using steam or hot water) radiators for heating systems



This elegant Burnham Classic radiator is also made in France from original molds. All fittings and threads are adapted to U.S. standards, and the units are available in a wide range of sections with a reverse screw seal which are pulled together with a special

in general: The reasons they were superseded by such "modern" systems as baseboard heating or radiant floor heating had more to do with the modern idea of house design than with heating efficiency. Big old radiators were deemed ugly and clunky and not compatible with the modern look, but these radiators are actually better in many respects than their modern replacements.

The big advantage of radiators is that they provide both radiant and convective heating, unlike baseboard systems, which supply mainly convective heat, or floor systems that supply radiant heat. They also take up considerably less wall length than a baseboard system.

Don't be alarmed by the big and obtrusive radiators in your client's Victorian-era house — you can probably replace them with smaller versions today. The old ones were greatly oversized by today's standards for a couple of reasons. First, houses today, including restorations and renovations, are much better insulated than they were a hundred years ago. Second — and maybe this is apocryphal — one of our suppliers suggested that our 19th-century ancestors kept their windows open even in cold weather as a means to avoid the plague, the flu, and other noxious afflictions thought to be caused by "bad air." Hence, the radiators had to be pretty big to keep folks warm.

And another plus of radiators: They can take advantage of such modern technological developments as "outdoor reset controls," which improve heating efficiency and save expensive and polluting fossil fuels. These reset devices have been around for a while for commercial buildings and apartment buildings, but at least one supplier, Tekmar Control Systems of Vernon, British Columbia (tekmarcontrols.com), now offers them for residences as well. The idea is to keep your hot-water boiler operating constantly instead of intermittently by monitoring the outdoor temperature and modulating the hot-water temperature accordingly. The devices don't work for steam systems unless they are modified with a steam-to-water plate heat exchanger. This company predicts average fuel savings of I4%, with a three-year payback at today's prices. The units cost about \$500 installed. Now, to our suppliers:

What's Out There

Burnham Company of Lancaster, Pa., which supplies a full range of hydronic heating products, is offering a line of reproduction Victorian-style cast-iron radiators made for it from old molds in France. According to Gary Hayden, the company's heat-distribution product manager, the customers for these units are mostly people who are doing renovations or refurbishing and don't want to search through the scrap yard for period radiators.

Burnham re-threads the French units to fit American standards and presents them as its "Classic Radiator," or, through its Brooklyn, N.Y., subsidiary, Governelli Company, as the "Victoria Radiator." These radiators are supplied in sections and are assembled on site using a special tool that joins the sections via a reverse screw joint with a fiber seal. For a typical residential installation, the assemblies would be three, five, seven, or nine sections, although they can be up to 44 sections long. In longer assemblies a legged section is required every 17 sections. Burnham supplies the radiators finished in a steel-gray paint; they can be painted over using an enamel or automobile-type paint (but definitely not latex-based paint and not on steam radiators). These radiators are available for both hotwater and steam-heating systems.

Another supplier of ornamental cast-iron radiators for both steam and hot-water systems is Low Energy Systems of Englewood, Colo. This company offers an etched leaf design, also made in France from old molds. Dennis Bellanti, the company's manager, says that de-



This etched-leaf-design cast-iron radiator is a reproduction made in France from original molds for Low Energy Systems of Englewood, Colo. It's a handsome evocation of 19th-century home design.



Heated towel bars, such as this European design supplied by Buderus Hydronic Systems, not only warm the towels, but also make the bathroom toasty warm with a combination of convection and radiation.

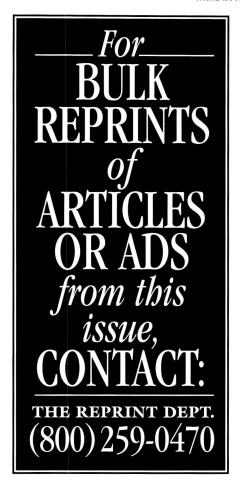
mand for these units is growing steadily in renovations, along with a few new-construction customers. But demand for the old style is not growing as quickly as that for radiant floor heating systems, which are now available for retrofit projects and which are particularly popular in kitchens and bathrooms because of their space-saving features. However, Bellanti expects the reproduction units to gain in popularity as radiators cycle back into fashion. He cites the newly-popular Euro-style pressed-steel radiator — five years ago, they were unsalable; now the company keeps about 200 units on hand to meet the growing demand.

continued on page 110





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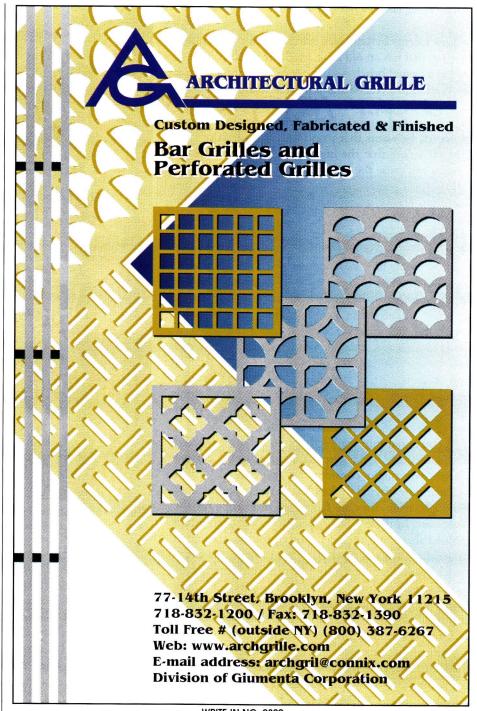
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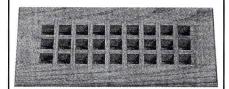
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(If) hen contacting companies VV you've seen in the issue, please tell them you saw their listing in Period Homes." — The Editors



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Model #C31 from the CLAS-SIC LIGHTING DEVICES catalog is a six-arm, turnedwood chandelier available in a choice of 18 historic museum colors. Write in No. 1331

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Firm specializes in the manufacture of new lighting, the restoration of antique lighting, and the production of custom lighting. Write in No. 620



COPPER HOUSE's 900 series includes this fixture #940, a bird-cage chandelier which uses candelabra bulbs and is available with either paper sleeves, paper drip, or beeswax sleeves. Call 800-281-9798 for more information

Copper House 800-281-9798; Fax: 603-736-4921 www.thecopperhouse.com Epsom, NH 03234

Hand-crafted copper and brass lighting, standard and custom, for interior and exterior. Also, weathervanes made of copper; finials custom-made to spec. All products made using only solid copper and brass, no plated metal. Lanterns, sconces, chandeliers, ceiling fixtures, custom fixtures, post lights; styles include Arts & Crafts, Victorian, and Early American. Catalog \$4. Call 800-281-9798 for more information

Coppersmythe, Josiah R. 508-869-2769; Fax: 508-869-0233 www.jrcoppersmythe.com Boylston, MA 01505

Hand-crafted reproduction Colonial sconces, chandeliers, and hanging and wall-mount lanterns in copper, brass, pewter, tin, and wood. Catalog offers a wide variety of styles & sizes which can be modified to meet specific client needs. *Call* 508-869-2769 for more information.

Deep Landing Workshop 877-778-4042; Fax: 410-778-4070 www.deeplandingworkshop.com Chestertown, MD 21620

Hand-crafted custom lighting fixtures in wood, tin, brass, or copper. Also, a line of Colonial-based designs. Finishes from gold leaf to faux rust. Write in No. 809



This eight-arm chandelier, #CH-8000 from DEEP LANDING WORKSHOP, features a "bird cage" twist. Write in No. 809

Emporio San Firenze 305-572-0990; Fax: 305-572-0290 www.cianifirenze.it Miami, FL 33I37



Hand-forged iron and brass fixtures, including standing lamps such as the one pictured here, are a specialty of EM-PORIO SAN FIRENZE.

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This chandelier is part of the range of hand-crafted 18th- and 19th-century reproductions offered by THE FEDERALIST. Write in No. 2833

Federalist, The 203-625-4727; Fax: 203-629-8775 369 Greenwich Ave. Greenwich, CT 06831

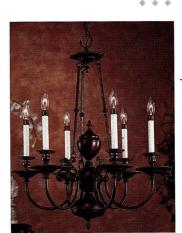
Wide range of furniture, interior/exterior lighting and accessories. Specializes in handmade reproductions of the 18th & early-19th centuries. Lighting includes porch, wall-, post-and ceiling-mounted versions, electrified or not. E-Mail: jehrlich@thefederalistonline.com Write in No. 2833



This pendant fixture from FINE ARCHI-TECTURAL METAL-SMITHS reproduces an original McKim, Mead & White design and scales it to 150%, bringing it up to a 36in. diameter. Write in No. 2640

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

Hand-built signature lighting: entry lanterns, foyer chandeliers, and sconces from award-winning studio. Period or fine custom styling in forged iron, coppers, and bronzes. Exotic patinations. Fire screens. Write in No. 2640



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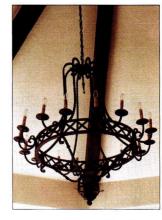
Hand-crafted wrought-iron furniture, tables, chairs, chandeliers, floor and table lamps, drapery hardware, and balcony railing. Write in $No.\ 2520$



GINGER's Art Deco empire sconce light is shown in satin nickel with mouth-blown glossy light-amber shade. Write in No. 59

Ginger 888-469-6511; Fax: 803-547-6356 www.gingerco.com Fort Mill, SC 29708

Solid-brass sconce lighting, mirrors & bathroom accessories. Over 20 lines including traditional, Belle Epoque, Art Deco and modern. Each line offers an unprecedented range of fully coordinated products including standard accessories as well as self-draining toiletry baskets, vanity accessories, hotel items, decorative grab bars, and other universal design products. Write in No. 59

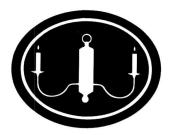


HANDELMAN STUDIOS' 16-light French-style chandelier would be perfect in a hallway, foyer, or gallery. Write in No. 483

Handelman Studios 805-962-5119; Fax: 805-966-9529 www.stevenhandelmanstudios.com Santa Barbara, CA 93103

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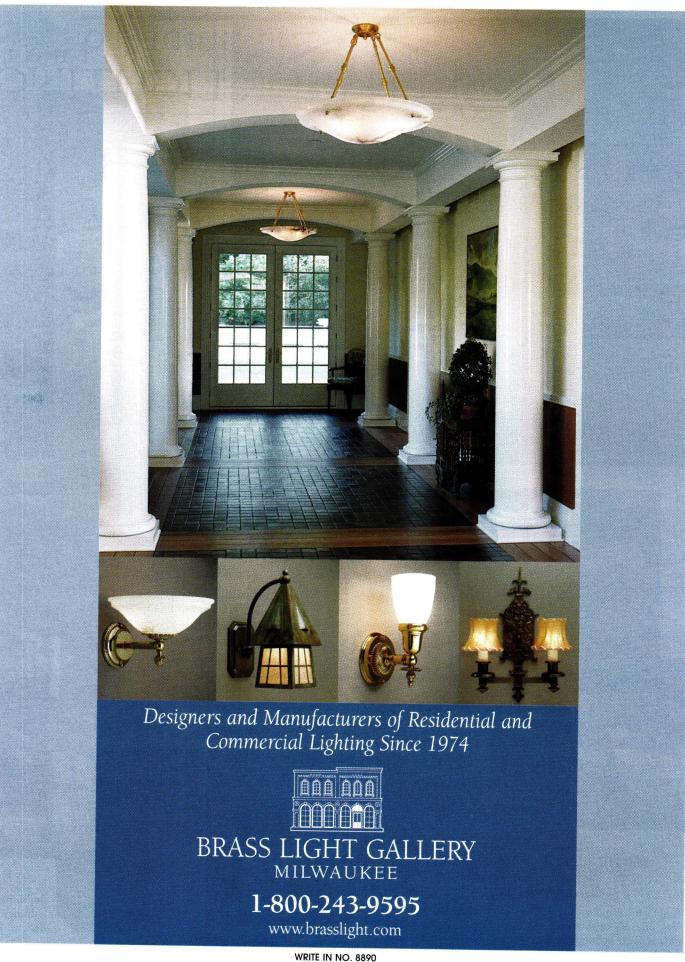
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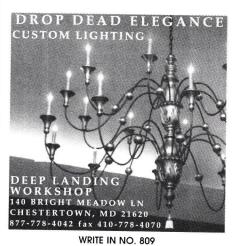


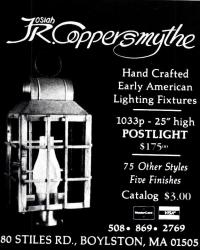
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RESTORATION & RENOVATION EXHIBITION & CONFERENCE

The annual Palladio Awards for 2001 will be presented in a ceremony at the Restoration & Renovation Exhibition & Conference, March 21-23, 2002 at the Hynes Convention Center, Boston, Massachusetts

THE PALLADIO AWARDS PROGRAM is designed to honor outstanding achievement in traditional design. The goal is to recognize individuals and project teams whose work enhances the beauty and humane qualities of the built environment through creative interpretation and adaptation of design principles developed through 2,500 years of human architectural experience.

PALLADIO AWARD CATEGORIES

Palladio Awards for Residential Architecture will be awarded in four categories:

- Restoration & Renovation Projects
- Adaptive Re-Use
- Sympathetic Additions
- New Construction

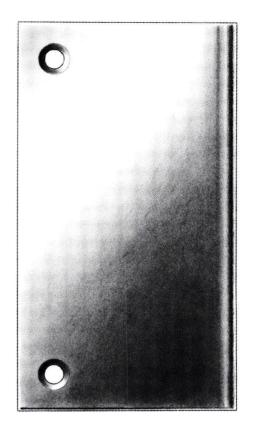
(Four corresponding awards, co-produced by Traditional Building Magazine, will also be made for Commercial, Civic, & Institutional projects.)

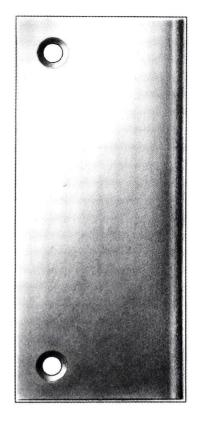
PANEL OF JUDGES Judging will be by a Panel of distinguished architectural designers selected by the Editors of PERIOD HOMES and TRADITIONAL BUILDING Magazines.

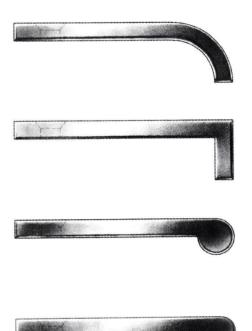
JUDGING CRITERIA The Palladio Awards are named in honor of Andrea Palladio, the Renaissance architect who created modern architecture for his time, while using models from the past for inspiration and guidance. The judges will be applying the same criteria that Palladio used in his own work: The projects should meet all the functional needs of contemporary usage, while applying lessons learned from previous generations to create beauty in the built environment. The 8 Winners will be notified on February I, 2002.

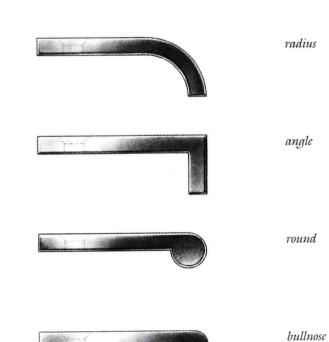
IF YOU ARE ONE OF THE 8 WINNERS Winners of the Palladio Awards for 2001 will be announced during an Awards Ceremony at the Restoration & Renovation Exhibition & Conference, March 21-23, 2002 at the Hynes Convention Center, Boston, Mass. Attracting an average of 6-8,000 registrants, this Conference is the largest event in North America focused on traditional architecture and restoration. Winners will have the opportunity to give an illustrated presentation of their winning projects during a General Session at the Conference. Winners will also be honored at a special VIP dinner held during the Conference. Winning projects for Residential Architecture will receive full-color editorial coverage in the Summer 2002 issue of Period Homes Magazine. Winning projects will also be highlighted for 12 months in the Palladio Awards section of the Period Homes website.

DEADLINES & ENTRY REQUIREMENTS Deadline for receipt of the completed Entry Package is November 15, 2001. For complete details on the Awards Program, Judging Criteria, and Submission Requirements, fax queries to (718) 636-0750, or Write in No. 7777 on the Information Card in this issue, or log onto www.period-homes.com. For more about the Restoration & Renovation Exhibition & Conference, call 800-982-6247.











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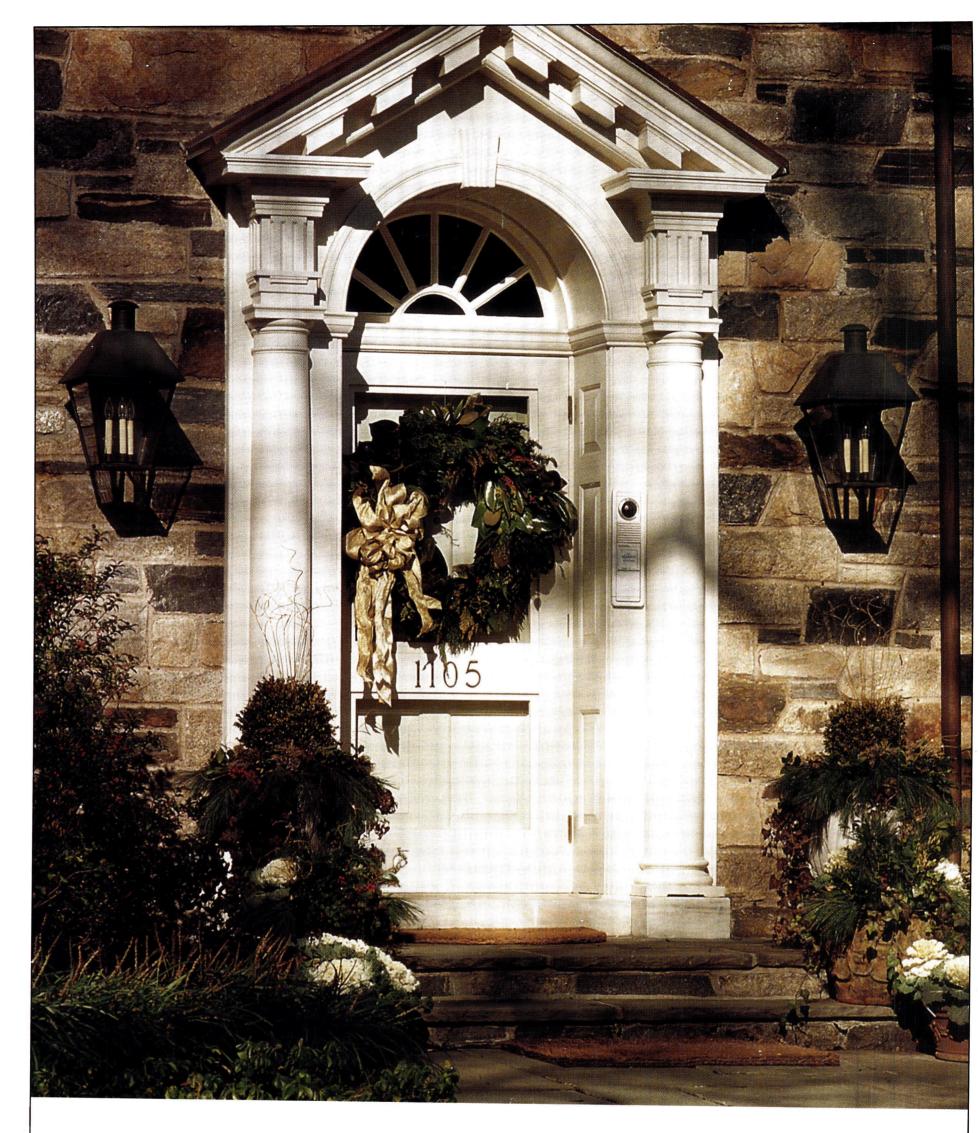
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