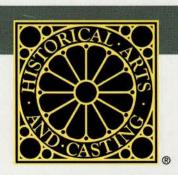


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ON THE COVER: Brennan Beer Gorman/Architects and Brennan Beer Gorman Monk/Interiors restored the 18-story Beaux Arts St. Regis Hotel in New York City to its original splendor. As part of the restoration program — which included the public spaces, guest rooms, restaurants, and meeting rooms — BBG/M also restored the land-marked exterior, which is set off by this grand bronze entryway. For the complete profile of BBG/M, see the profile on pp. 6-10. (Photo: Anthony Albarello)

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SYNTHESIZING A WORLD OF EXPECTATIONS

Brennan Beer Gorman/Architects and Brennan Beer Gorman Monk/Interiors are full-service architecture and interiors firms with projects around the world — over half of which are hotels. As hotel building booms, both owner and architect pursue the art of divining guest expectations.

by Kathleen Randall

ésar Ritz, the most innovative hotelier of modern times — late-19th century, to be exact — once said, "In no trade is the relationship between buyer and seller so close and intimate as that between client and proprietor of a hotel." Ritz hotels set a standard for meeting the expectations and whims of their guests — from Proust to presidents — which endures behind the name today. Luckily for those who even occasionally make themselves hotel guests, today's hotel corporations are starting to think more like César.

Brennan Beer Gorman/Architects and Brennan Beer Gorman Monk/Interiors are regulars on the hospitality industry's A-List, whether it be the "Top 10 Hospitality Giants" or "Top 50 Multinational Design Firms." This is not by chance. In 1984, when Henry Brennan, David Beer, and Peter Gorman launched Brennan Beer Gorman/Architects, they brought 40 years combined hotel experience through the door. Three years later, Brennan Beer Gorman Monk/Interiors was formed with Julia Monk, the first BBG associate architect, as president. In a quick 16 years the two firms together have grown to over 150 people with offices in New York and Washington, D.C. The hotel-project list extends to almost every continent and includes all the corporate names we associate with quality hotels, convention centers, and casinos.



For the Inn at Penn, in Philadelphia, custom lighting fixtures, tile-work floors, paneled walls, and the shallow bow arch over the stair entrance point to the project's Arts and Crafts-style influences. (Photo: Tom Crane)

The firms, hereafter known collectively as BBG/M for simplicity's sake, are in a position to know as much about this industry as anyone. About 60 percent of the firm's work is hospitality, with the balance in commercial office and retail, again worldwide. BBG/M's volume has doubled over the past five years at a time when everyone seems to want to build or renovate a hotel. From San Antonio to Surabaya, the world wants more beds and better guest experiences.

Guests Rule

Knowing well that no single guest experience will satisfy even some of the guests some of the time, hoteliers of the new century are listening very closely to their guests. Julia Monk and David Beer, two BBG/M partners who are veterans of the hospitality world, hail this development. Both report that, as

competition increases, hotel owners and operators are directing more energy toward pinpointing the needs and wishes of their increasingly sophisticated guests. "Owners are listening to their guests and asking, 'How do people live in this room?'" says Monk. There is also more awareness on BBG/M's part that this insight will drive their design solutions — whether it comes from the client's survey or their own experiences as executives on the road. For anyone who has ever pushed the furniture around in a room, draped a lamp with a pillowcase, or shaved in the dark, this news is welcome.

An offshoot of this intensified focus on the guest is a segmenting of the market into subsets of travelers with highly defined, unique expectations. The brick-and-mortar result of this marketing effort is the boutique hotel. Boutique hotels are generally smaller (under 200 rooms), not always full service, yet properties designed to exactly match the needs of a specific category of guests. In style, boutique hotels range from the ultra-contemporary to the most comforting traditional. Through location, style, services, or "feel," they draw a loyal community that will return again and again. Or simply hang out in the bar.



Julia Monk, AIA, ASID



David Beer, FAIA

Mixing Traditions

A recent BBG/M project is the 270-room W New York-Union Square. The W hotels are an ultra-contemporary collection of hotels developed by Starwood Hotels and Resorts. Like their Ian Schrager cousins, wearing black well and being under 35 puts you in the correct market segment. However, for the W New York-Union Square, BBG/Architects started with a very traditional, land-marked building on Manhattan's Union Square Park. A solidly 1890s Beaux-Arts with a Parisian punch, it was also formerly an office building, erected by the Guardian Life Insurance Company in 1911. The defining challenge for the designers, both BBG/Architects and The Rockwell Group, which contributed much of the interior design, was blending the hotel's requisite contemporary interior with the landmarked, traditional architecture in which it is wrapped/housed. This hybrid was possible because hotels on the boutique model have learned how to play a little fast and loose with corporate rules handed down through decades of standardization.

Of course as architects, BBG had the task of fitting hotel rooms into a floor plate designed for maximum offices around an elevator core. Excessive perimeter depth can wreak havoc with hotel floor plans, which must hug the exterior walls without leaving cavernous lobby and hall space at the elevators. As Beer points out, the success of a conversion lies in the architect's ability to "make rooms that look like they were always hotel rooms." Happily, BBG was able to creatively use the excess interior space on each floor for a relocated stair, service lobby, maid's closet, and other services. The result is graciously scaled elevator

continued on page 8



Historic Vail Mansion serves as the centerpiece of the Inn at Vail Mansion in Morristown, N.J., which is scheduled to open in 2002. BBG/Architects designed two guestroom wings with massing and details borrowed from the landmarked structure. The sloping site was utilized to hide a five-story structure that, from the main approach, appears to be three. The allee and reflecting pool behind the original mansion will serve as a focal point for a new tea lounge, restaurant, and library bar. (BBG/Architects)

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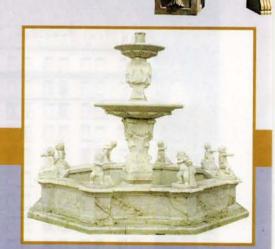
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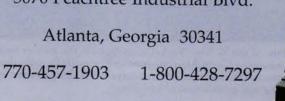
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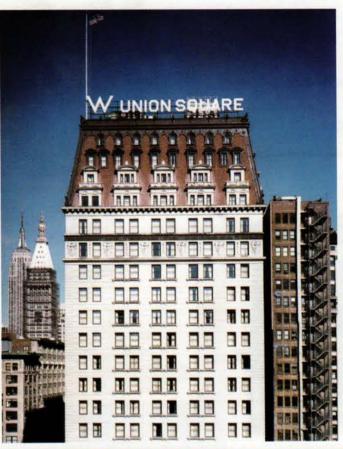
lobbies that incorporate decorative elements from the ornately detailed second-floor Ballroom.

Degrees of Theme

BBG/M has done its share of large themed hotel/convention/gaming complexes, all quite successfully. Yet, what their projects call for more often is something more akin to restrained theming — identifying a concept that can be subtly carried through a project to add a local anchor and identity to a property. This approach ties in nicely with what Beer and Monk notice as a trend toward more focus on the individual's experience as a guest than on creating entertainment.

This process starts with BBG/M's designers researching what is traditional for a given location. From these cultural and historical clues they identify a concept that can serve as the starting point and guiding motif for the design. When the University of Pennsylvania came to BBG/M for a new 257-room hotel on campus, the design team found the late-19th-century buildings of Frank Furness particularly significant to the location as well as the client, and used the Arts & Crafts style as a concept for The Inn at Penn's public spaces and guest rooms.

Shortly thereafter, BBG/M was back in Philadelphia to work on the Sofitel Philadelphia. The concept for this property is not what might first come to mind,



Landmark protections on the Guardian Life Building (D'Oench and Yost Architects, 1911) extended to its prominent sign. As part of its exterior restoration BBG/Architects carefully designed the "W Union Square" sign using similar size and construction. This was not the first time the rooftop message had changed. The insurance company was originally named "Germania." With the onset of WWI the directors felt a name change was in order and chose "Guardian" because it efficiently reused six of the eight existing sign letters. (Photo:



On the second floor of the W New York-Union Square, the former banking hall, with its 20-ft. ceiling, towering Corinthian columns and beautifully articulated ceiling, was restored and reborn as the ballroom. Paint analysis was done to determine original colors for the coffering and medallions. (*Photo: Bjorg*)

but rather a "contemporized interpretation" of the Shaker Style, a popular aspect of Pennsylvania history for over two centuries. "In our research we looked at how we could bring local Philadelphia motifs to the project without using the Liberty Bell or going back to Colonial times," says Monk. "Shaker style seemed like a beautiful way to marry the simplicity of contemporary design with the very basic details of Shaker design." The reference to contemporary design and clean lines is apropos to the 306-room Sofitel Philadelphia for more reasons than interior-design choices. The project is another example of the growing trend in converting office buildings to hotels — in this instance, the 1964 Philadelphia Stock Exchange Building. The crisp, all-modern lines of the 14-story building's limestone and precast-concrete facade demanded an interior solution that was simple and not overly decorated, yet warm and welcoming through the choice of materials and colors and the quality of craftsmanship.

Not Just Hotels

Incorporating local significance is an idea equally applicable to public buildings. Another recent BBG/M project is the Thomas V. Mike Miller, Jr., Senate Office Building in Annapolis, Md. BBG/M was selected as part of a design/build team to expand the office and meeting space of the Maryland Senate. Their new building basically repeats the existing Senate office building in plan and elevation to create a seamless infill. The 4-story, 108,000-sq.ft. building is faced with handmade brick from a local yard established by Victor Cushwa and Sons in 1872. Brick from the same yard was used on many of the prominent buildings in the downtown area. A 20-ft.-dia. Tiffany stained-glass dome was pulled from a State warehouse to crown the spacious rotunda. Incorporating Maryland state artifacts and artworks was a large part of the interior-design program, as was integrating the latest audio/visual technologies and data communications.

Creating Comfort Away From Home

In the quest to improve the traveler's quality of life, a concept can be as simple as re-creating home — be it a men's club, a cozy living room, or a Park Avenue apartment. The guest rooms and suites BBGM/Interiors designed for both The Plaza Hotel and the Sherry Netherland Hotel in Manhattan are examples of the latter. If you live in a Park Avenue apartment, you will feel perfectly at home. If you do not, you can savor the tastefully conservative and "mite-bit-frilly" furnishings for the duration of your stay.

Guests have been known to walk into the lobby of the Sheraton Russell in Manhattan's Murray Hill neighborhood and remark, "It looks just like my living room." Seven years ago BBG/M was involved in the restoration and repositioning of this 146-room property as a residential hotel on the corporate "Club Room" model. Combining traditional details (crown moldings and coffered ceilings) with high-end virtual office technology is a proven approach for luring the business traveler. A residentially-scaled living room and library/bar replaced ground-floor commercial office space. The cozy, neighborly feel of the hotel preserves its status as a well-loved landmark to Murray Hill residents and travelers alike.

A similar concept was used for The Sutton on Manhattan's Upper East Side. BBG/M converted a 17-story apartment building, adding a new limestone and granite facade and reworking the floors into an 84-room luxury apartment

continued on page 10



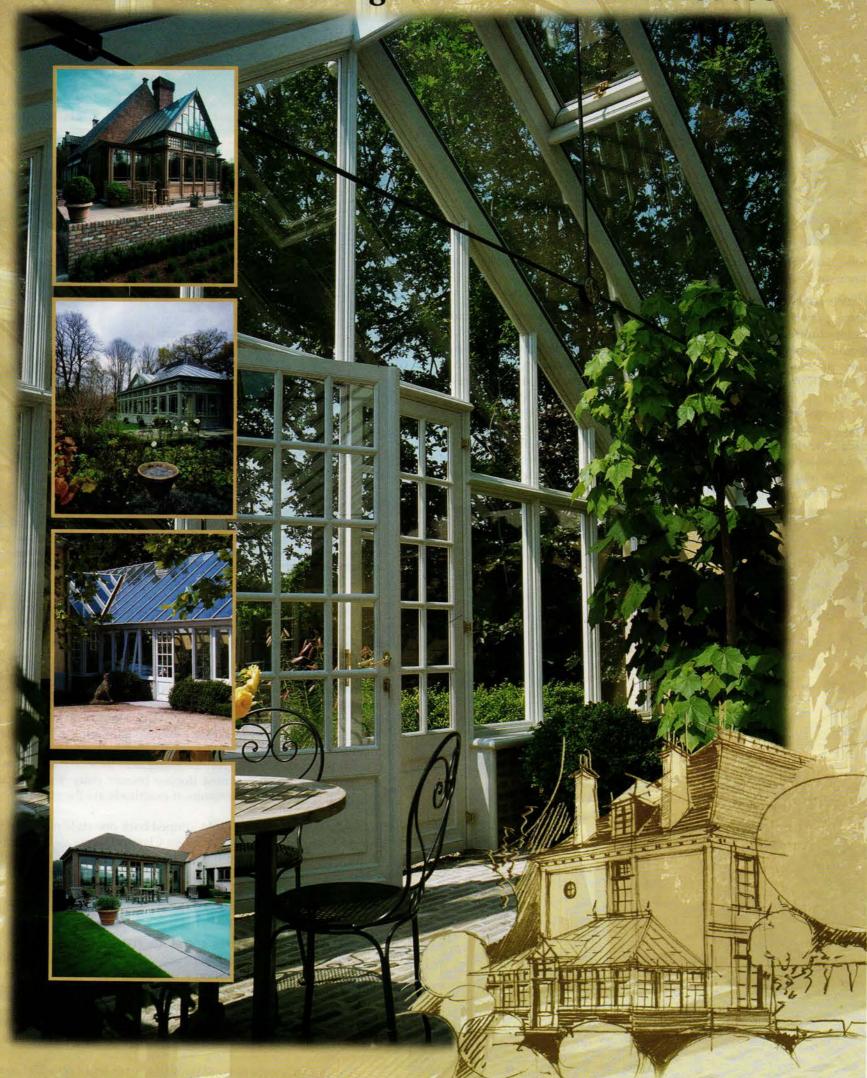
A literal showroom of fine marbles, the second floor corridor of the W New York-Union Square opens on the left to guest room elevators and on the right to the ballroom through pairs of paneled doors. (*Photo: Bjorg*)

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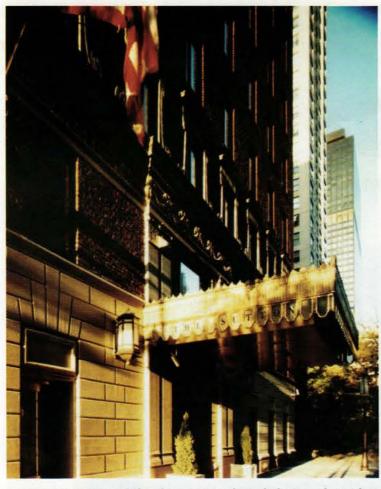


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The Sutton's custom bronze and glass canopy tastefully reads "hotel" in a quiet residential neighborhood on Manhattan's Upper East Side. (Photo: Anthony Albarello)

hotel. Furniture and finishes were selected that read residential to create a home-away-from-home feel.

Pure and exact

Some projects are best suited for an updated interpretation of traditional architectural styles and details — a mainstreaming of traditional design. Others require the pure and exact. In New York and other American cities, many of the great palace hotels built shortly after the turn of the century have been lost. When BBG/M was given the task of returning the seriously mucked-up St. Regis Hotel to its original splendor, it had the project of a lifetime.

The 18-story Beaux Arts landmark was designed by Trowbridge & Livingston in 1904. In 1927 a much less grand wing designed by Charles Platt was added. By the 1980s, the St. Regis could no longer call itself a luxury hotel. Its looks, its amenities, and its building systems were grossly below par. It closed in 1988 and reopened three years and \$100 million later as ITT Sheraton Corporation's first luxury five-star property.



The St. Regis Hotel on Manhattan's 55th Street is one of the grand "palaces" still remaining in New York. Its lobby is intimate in scale without feeling the least bit cramped. Historically accurate Louis XVI decor leaves no surface unadorned. (Photo: Anthony Albarello)



Throughout the public spaces and guest rooms of the Sofitel Philadelphia, BBGM/Interiors sought to bring the simplicity and sophistication of traditional Shaker style into a modern vernacular. (Photo: Tom Crane)



Picking up on the Shaker tradition of pegs instead of closets for storage, brushedchrome pegs along the dark cherry wood frieze provide a nice detail and simple, functional drapery hardware in the Sofitel Philadelphia guest rooms. (*Photo: Tom Crane*)

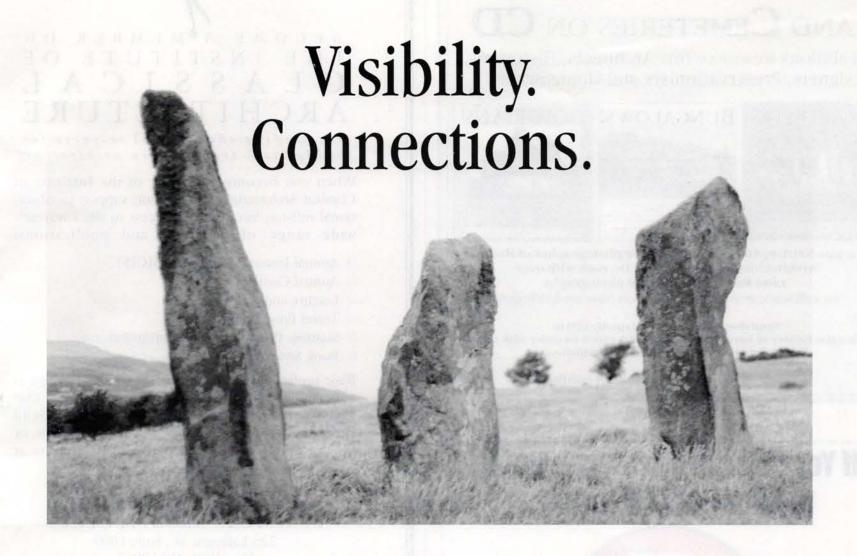
BBG/M's work fell into three categories: restoration of the landmarked exterior; restoration of the public spaces in the original 1904 building; and complete demolition and reconstruction of the guest room floors, restaurants, and 1927-vintage meeting rooms. The room count went from 436 to 363. The architects' task first and foremost was to make the interior spaces, whether restorations or new construction, reflect the character and luxury of Mr. Astor's original vision. The finished hotel would be of one character: every guest room and every public space true to the high-style facade. "There are no jokes in the St. Regis," promises Beer. "It is absolutely straight. It follows the rules of the Louis XVI period and the lead of grand hotels in Paris. These were in our minds as we did this project." The results clearly hold their own against anything Paris has to offer. From the almost Rococo bronze entry vestibule to the pretty Waterford chandeliers, the results of exactitude are the guest's — and city's — reward.

In the guest rooms BBG/M jumped back one style period in French decorating history to Louis XV for a less Classical, more delicate look. Louis XV furnishings are lighter and more curvaceous than what followed. Think Versailles boudoir. For the St. Regis BBG/M planned over 60 different room configurations in three color schemes. A solid 250 years is fairly reliable insurance against this French export, executed at this level of refinement, looking dated in five years or even 50.

Plus ça change, plus c'est la même chose

BBG/M is at home with both approaches to mainstreaming traditional design: historically accurate re-creation and intelligent reinterpretation. The firm is equally versed in contemporary design that belies any recognizable connection to styles of the past. Beer and Monk believe that the real challenge is to take all that is good from all of these various traditions — including the new traditions — and apply it not just to the boutique hotels, but to full-service, large hotels everywhere.

This thinking goes beyond the surface, beyond Louis XVI or reinterpreted Shaker. When your world is hospitality you think about how hotels work in the larger scheme of a city, in the making of pleasurable travel, in bringing people together. Looking back in history sheds light on these questions. In terms of location, function, services, and progression of spaces, hotels today are reinterpreting what was done in the past by the grand hotels. "César Ritz and Ian Schrager are not that far apart," notes Beer. "Their hotels may look different, but what makes a hotel exciting and hospitable and fun was about as true in 1900 as it is in 2001."



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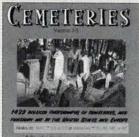


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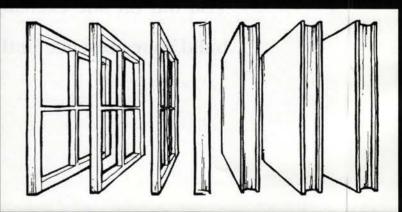
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IPTW/PTN PRESERVATION ARTS HIGH SCHOOL PROGRAM, BROOKLYN OCTOBER 26-28, 2001

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or the opening session of the International Preservation Trades Workshop (IPTW 2001), to be held at Floyd Bennett Field, Gateway National Recreation Area in Brooklyn, NY on October 26-28, 2001, the choir of the Brooklyn High School of the Arts, on behalf of the Preservation Arts High School Program, will be presenting. Students of the preservation program will also be attending IPTW 2001 and interacting with the audience, preservation trades demonstrators and presenters.

On Tuesday, May 15, 2001 Jim Hicks and Dan Lago of Restoration Management Systems, both PTN members (Jim is chair of the IPTW 2001 Local Planning Committee and a Co-chair with David Gibney of the PTN Doors and Windows Committee) went to the Preservation HS to do a demo of wood window restoration.

"We brought some of the tools of the trade and a double-hung sash set from a job we are doing and set up 'shop'. There were 5 classes of 45 minutes with approximately 15 HS freshpersons attending each class. For each class I gave a short personal history and a quick overview of the industry (owner, arch, contractor, subcontractor <me>) and went right into the process of window restoration. After about 5 minutes of that we asked if they wanted to try doing it: heat gun stripping of the paint, 'hacking' out the putty, sanding and drilling. Well, they took to it like ducks to water with avid hands-on participation. Both the boys and the girls really got into it. Anyhow, I highly recommend the experience to PTN craftspeople. The school is very open to preservation trades coming in and showing and telling."

The initial concept for the Preservation Arts High School Program evolved from the World Monuments Fund's 1993 symposium, "Employment Strategies for the Restoration Arts: Craft Training in the Service of Historic Preservation." The meeting highlighted the lack of national standards for craft skills used in historic preservation, the limited number of U.S. - based training programs, the important role preservation plays in creating livable communities, and how successful preservation efforts result in more historic districts and subsequent demand for skilled restoration artisans.

"This hands-on preservation curriculum will benefit students who might otherwise be marginalized in a high-tech world and gives them a clear career path," observed New York City Councilman Kenneth Fisher at the program's opening.

"Graduates of the program will be prepared to pursue post-secondary education and become architects, engineers, contractors, preservationists or related professional careers. Other graduates may choose to become preservation craftspeople, and will be able to fill the demand for skilled artisans in the building and construction industries."

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lose to a dozen PTN craftspeople are participating this summer, providing hands-on demonstrations, in the Smithsonian Folklife Festival celebrating the extraordinary skill and artistry of master craftspeople in the building arts.

Through living presentations, demonstrations, and hands-on educational activities, "Masters of the Building Arts" explores the skill, knowledge, and experience of craftsmen in the building trades and examine the critical issues that confront craftspeople today as they work to preserve our nation's past and build for the future.

"Masters of the Building Arts" presents over 70 artisans from a wide range of trades: stone carvers, stone and marble masons, brick masons, adobe workers, ornamental blacksmiths, architectural woodworkers, ornamental plasterers, terrazzo, tile, and mosaic artisans, terra cotta craftsmen, timber framers, decorative painters, stained glass artisans, slate roofers, sheet metal craftsmen, and others. The program examines the techniques, tools, materials, and methods of contemporary craftspeople in the building arts and explores the ways in which craft skills and traditions are learned and transmitted. It looks to the underlying attitudes and values that shape and give meaning to the craftsman's work, to the criteria and standards by which good craftsmanship is judged, and to the pride in quality workmanship and skills handed down over generations.

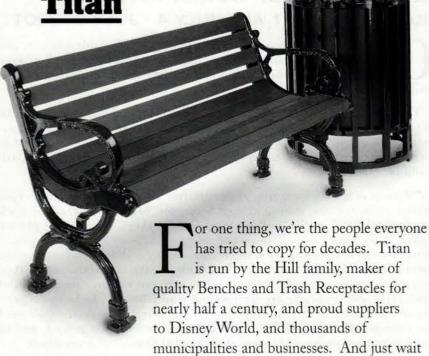
The Preservation Trades Network is proud to be a collaborator in this event. The curator of the program is Dr. Marjorie Hunt, who many will remember as an opening speaker for IPTW 2000 last November at the Farm Show Arena in Harrisburg, PA.

CALL FOR DEMONSTRATORS AND PRESENTERS: IPTW 2001

f you are a preservation craftsperson or working preservationist and would be interested in providing a hands-on demonstration or talking presentation (business, education, partnerships) at IPTW 2001, and have not done so in the past, then please contact PTN and let us know of your interest.







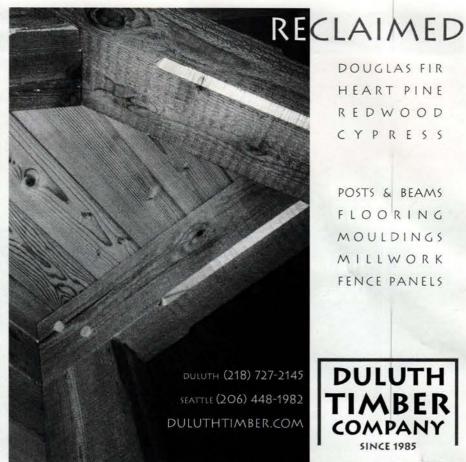
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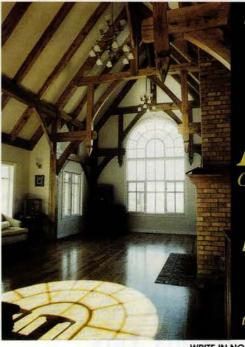


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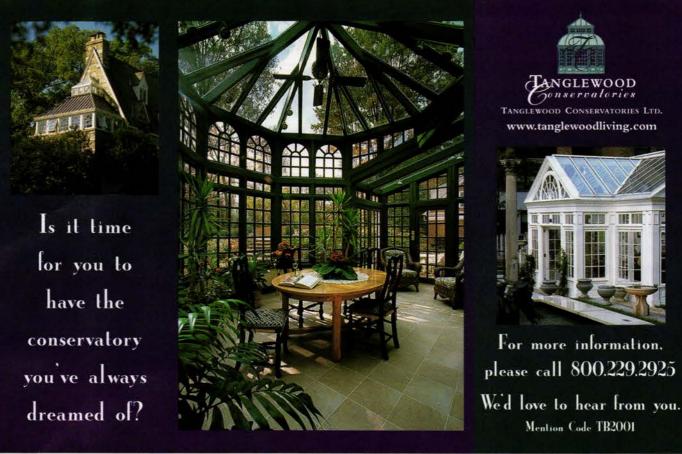
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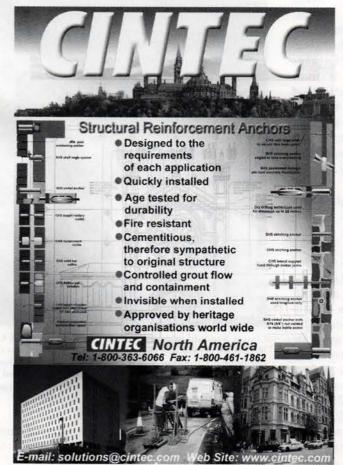


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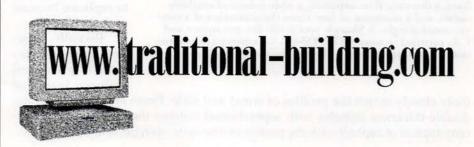
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TRADITIONAL ROOFING & SPECIALTIES

glimpse at the Alphabetical Product Index that starts on page 18 should demonstrate just how vast and ramified the field of traditional roofing has become, and why it requires a special section of its own. On the following 34 pages, you will find the most extensive compendium of Roofing & Specialties products and services available *anywhere*. Six different *SourceLists* and their companion photo Portfolios will provide you with all the

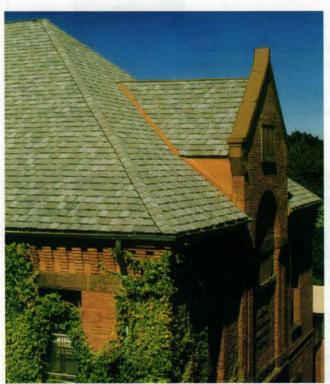
information you'll need for your non-residential roofing project. Beginning with the Roofing Index, we've included information on metal and wood roofing; skylights; snow guards; weathervanes, finials, and cresting; and a general traditional roofing section with 59 different roofing categories — everything from lightning protection and bird control to drainage systems and roofing contractors — is covered in our *SourceList* on Commercial Roofing.

IN THIS SPECIAL ROOFING SECTION

Wood Roofing Portfolio
Skylights in Commercial Applications 40
Skylights SourceList
Skylights Portfolio
Snow Guards SourceList
Snow Guards Portfolio 44
Weathervanes, Finials & Cresting SourceList . 48, 50
Weathervanes, Finials & Cresting Portfolio . 49-50

A HIGHER PROFILE FOR ASPHALT SHINGLES

n the eyes of many, the asphalt shingle is the poor cousin of wood, ceramics, and slate. Several firms, however, are now offering high-end shingles aimed at redressing this situation. Asphalt has been a popular roofing material since the late-19th century. Originally manufactured in the form of rolled sheeting with a fibrous base saturated with asphalt, asphalt sheeting was subsequently coated with grains of crushed stone. In the early part of the 20th century, however, technical advances allowed manufacturers to mass-produce the first asphalt shingles.



CERTAINTEED CORPORATION's Grand Manor Shangle, one of the firm's Super Shangle line, is a heavyweight shingle that consists of a minimum of two full-sized shingles laminated together. Shangle features include deep shadow lines, a dramatic 8-in. exposure, a wide palette of available colors, and a minimum of four times the protection of a conventional shingle. A Shangle roof is 425 lbs. per square and U.L. certified to meet ASTM D3462. Commercial or institutional applications carry a 40-year limited warranty.

From the outset, shingle manufacturers attempted to reproduce the looks of slate, tile, and wood. Asphalt was an economical roofing option, and, perhaps for this reason, it was important to some that its appearance suggest otherwise. However, while asphalt was cheaper than slate and more fireresistant than wood shakes, it could approximate only the surfaces of its counterparts, not their volumes. For this reason, early asphalt-shingle roofs, and many still being produced now, are easy to distinguish from the roofs they attempt to replicate because of their thinness.

Recently, however, several firms have produced high-end lines that

more closely match the profiles of wood and slate. Firms are now producing double-thickness shingles with sophisticated finishes that combine the economy typical of asphalt with the profile of true slate, shingle, and shake roofs.

We have selected the four firms listed on this page from our database because they offer asphalt shingles that are more than "just" asphalt shingles. In their inventories you will find products that may change your ideas about asphalt.

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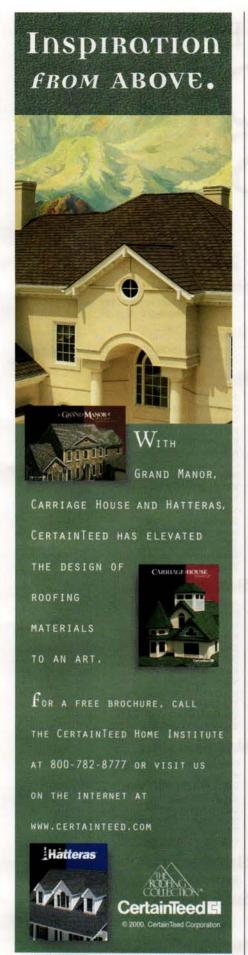
Georgia-Pacific Corp. - 404-652-4746; 133 Peachtree St., NE Atlanta, GA 30303 Manufacturer of premium asphalt-fiberglass "Summit" series shingles that simulate cedar roofing. Write in No. 8156

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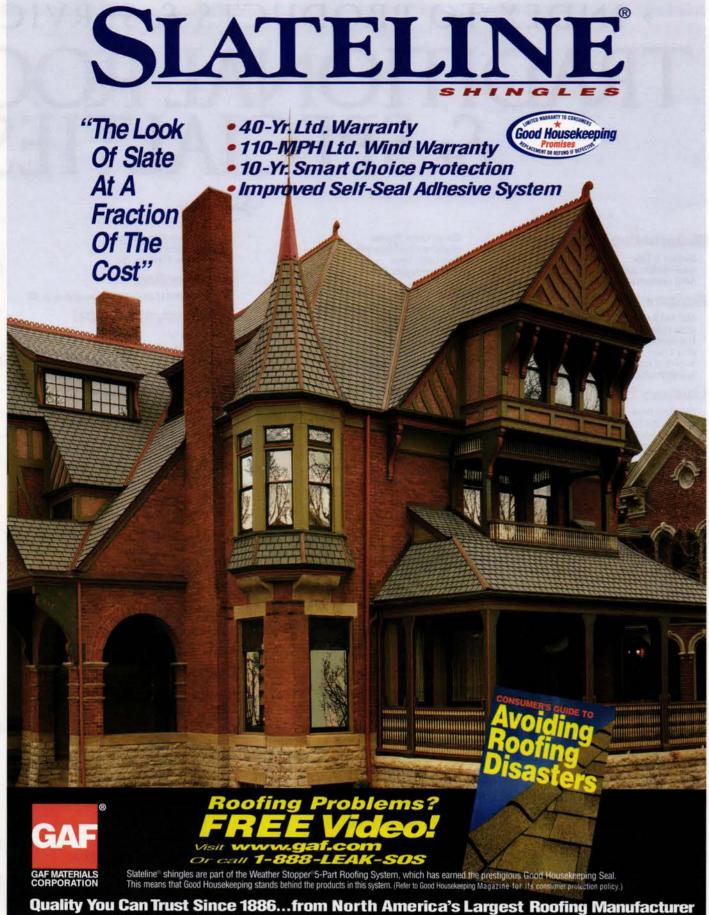


RATION reproduce the profile and texture of wood shakes, but have a UL Class A fire rating. The shingle's shadow effect and double-thick tabs create depth, and carved edges provide the random appearance indicative of wood. The shingles have a 40-year limited transferable warranty.

www.owenscorning.com Toledo, Ohio 43659 Manufacturer of three lines of asphalt shingles, including their premier "Architectural" series that has a warranty of up to 40 years.



WRITE IN NO.6650 FOR CARRIAGE HOUSE& 2762 FOR GRAND MANOR



WRITE IN NO. 9270 FOR COUNTRY ESTATES & 2222 FOR SLATELINE

Calendar of events

LOG BUILDING SCHOOL. The William M. Lasko School of Log Building is holding a series of hands-on classes throughout the summer of 2001. First class, June 16 to July 14, in Ft. Collins, Colo., will focus on Scandinavian full-scribe-to-fit log construction; class will complete a log shell all the way up to the log rafters/truss and purlin roof systems. Later classes will be held in Vermont, East Tennessee, and Georgia. For more details, log onto www.homestead.com/wmmlaskologschool.

VENETIAN PLASTER WORKSHOPS. Two-day hands-on workshops demonstrating the techniques of working with Kolcaustico Venetian Plaster are being held from March through October in New York City, Orlando, FL, and Los Angeles, CA. One-day workshops are also scheduled for Chicago, Minneapolis, Dallas, and other cities. Classes are small and offer personal attention. For full details, call Sepp Leaf Products at (800) 871-7377 or log onto www.seppleaf.com.

HISTORIC PRESERVATION COURSES. The Campbell Center for Historic Preservation Studies, Mt. Carroll, IL, has just released its schedule of short courses running from May through September in the broad areas of:(1) Historic Preservation; (2) Care of Collections; (3) ConservationRefresher Courses. For full program details, call (815) 244-1173, or log onto www.campbellcenter.org.

HISTORIC STONE RESTORATION TECHNIQUES: Cleaning and restoration of exterior and historic stone requires a different approach than interior stone. A one-day workshop exploring these specialty techniques will be held July14, 2001 in Longwood, FL. Registration fee is \$250; seminar is sponsored by the National Training Center for Stone & Masonry Trades. For more details, log onto the Center's website at www.ntc-stone.com.

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.

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 (630) 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) 631-7152.

THE PALLADIO AWARDS. Annual award competition for Excellence in Traditional Design is co-produced by TRADITIONAL BUILDING and PERIOD 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.

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 Service, Jamaica Bay Unit. Plans call for special one-day workshops at Ellis Island and Historic Richmond Town on Staten Island. Emphasis in all workshops is a hands-on approach that will help practicing professionals upgrade their preservation skills. For more details, log onto www.ptn.org.

HISTORIC PRESERVATION & CULTURAL RESOURCE MANAGEMENT: The National Preservation Institute is conducting a series of seminars throughout the year at various cities around the U.S. Seminars, which run from one to three days, bring distinguished faculty to highlight state-of-the-art practice in important areas of historic preservation and cultural resource management. For details, consult www.npi.org or call (703) 765-0100.

WORKSHOPS: ORNAMENTAL PLASTER, SCAGLIOLA, VENETIAN PLASTER. Master craftsman conducts hands-on workshops in all of the traditional ornamental "wet plaster" skills throughout 2001. Workshops run from one to several days; customized workshops can also be arranged. For details and schedule, log onto www.masterofplaster.com, or call 800-352-5915.

RESTORATION & RENOVATION — 2002. Restoration & Renovation is the only trade show and conference for the rehabilitation of buildings, interiors, exteriors, landscapes & streetscapes, and historically inspired new construction. Next annual event will be March 20-23, 2002 at the Hynes Convention Center, Boston, Mass. Contact Restore Media, LLC, at (800) 982-6247 or log ontotheir website at www.restorationandrenovation.com.

DECORATIVE PAINTING WORKSHOPS. Professional-level courses and workshops in a wide variety of traditional finishes are offered by Vigini Studios, San Antonio, TX, through July 2001. Subjects include: Fresco, Murals, Venetian Plaster, Grottesca, Scagliola, and Trompe L'Oeil. For full program and registration details, log onto www.viginistudios.com, or call (877) 977-3289.

* INDEX TO PRODUCTS & SERVICES FOR *

TRADITIONAL ROOFING & SPECIALTIES



Birdproofing Installation

Heather & Little Ideal Roofing and Sheetmetal NIKO Contracting

Birdproofing Products

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Cresting

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Historical Arts & Casting, Inc.
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Roof Tile & Slate Co.
Slate and Copper Sales Co.
The Tile Man
For CRESTING, see also the WEATHERVANES,
FINIALS & CRESTING SourceList on p. 48

Drains & Drain Guards

Berger Bros. Co. C&J Metal Products Classic Gutter Systems Copperworks of Don Miller GAF Materials Corp. Ideal Roofing and Sheetmetal Slate and Copper Sales Co.

Fasteners, Corrosion-Resistant

Classic Gutter Systems Source Products Group, Inc.

Finials

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C&J Metal Products
Classic Gutter Systems
Durable Slate Co.
East Coast Lightning Equipment
Heather & Little
JEH/Eagle Supply, Inc.
Liebscher Custom Sheet Metal
NIKO Contracting Co.
Slate and Copper Sales Co.
Source Products Group, Inc.
For FINIALS, see also the WEATHERVANES,
FINIALS & CRESTING SourceList on p. 48

Flashing & Trim, Sheetmetal

Berger Bros. Co. C&J Metal Products Castle Metal Products Durable Slate Co. Heather & Little Liebscher Custom Sheet Metal NIKO Contracting Co. Vulcan Supply Corp.

Gilding Services Conrad Schmitt Studios

EverGreene Painting Studios Gilders' Studio, Inc. John Canning Painting & Conservation Studios Optic Nerve Art Corp. Touch's Of Illusions

Gutter Hangers

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Gutters, Built-In

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Gutters, Half-round

Berger Bros. Co.
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Castle Metal Products
Classic Gutter Systems
Copperworks of Don Miller
Durable Slate Co.
Liebscher Custom Sheet Metal
NIKO Contracting Co.
Rain Gutter Store
Slate and Copper Sales Co.

Installation, Ornamental Metal

Apple Restoration & Waterproofing, Inc. C&H Roofing, Inc. Durable Slate Co. Heather & Little Ideal Roofing and Sheetmetal Liebscher Custom Sheet Metal NIKO Contracting Co. Tile Roofs, Inc.

Installation, Specialty Roofing

Apple Restoration & Waterproofing, Inc. C&H Roofing, Inc. Christiansen, Inc. Durable Slate Co. Heather & Little Hilltop Slate, Inc. Ideal Roofing and Sheetmetal Liebscher Custom Sheet Metal NIKO Contracting Co. Safari Thatch & Bamboo Tile Roofs, Inc.

Installation, Specialty Sheetmetal

Apple Restoration & Waterproofing, Inc.
C&H Roofing, Inc.
Charles River Restoration Co.
Christiansen, Inc.
Durable Slate Co.
Heather & Little
Ideal Roofing and Sheetmetal
Liebscher Custom Sheet Metal
NIKO Contracting Co.
Rain Gutter Store
Tile Roofs, Inc.

Leader Boxes

C&H Roofing, Inc.
C&J Metal Products
Castle Metal Products
Classic Gutter Systems
Copperworks of Don Miller
Heather & Little
Ideal Roofing and Sheetmetal
Liebscher Custom Sheet Metal
NIKO Contracting Co.
Rain Gutter Store
Slate and Copper Sales Co.
Tile Roofs, Inc.

Leaders

C&J Metal Products
Castle Metal Products
Classic Gutter Systems
Copperworks of Don Miller
Heather & Little
Ideal Roofing and Sheetmetal
Liebscher Custom Sheet Metal
NIKO Contracting Co.
Rain Gutter Store
Slate and Copper Sales Co.

<u>Lightning Protection</u> <u>Products/Systems</u>

Associated Lightning Rod Co., Inc. East Coast Lightning Equipment Leeland's Slate Roof Repair Loehr Lightning Protection

Membrane Systems

C&H Roofing, Inc. Castle Metal Products Charles River Restoration Co. Liner Rolpanit, Inc. Preservation Products, Inc.

Metal Roofing

See the METAL ROOFING SourceList on p. 32.

Ornament, Sheetmetal

A.C. Gentry Co.
C&H Roofing, Inc.
C&J Metal Products
Christiansen, Inc.
Heather & Little
Ideal Roofing and Sheetmetal
Liebscher Custom Sheet Metal
NIKO Contracting Co.
Rain Gutter Store
Vulcan Supply Corp.
For additional sheetmetal

For additional sheetmetal ornament, see also the WEATHERVANES, FINIALS & CRESTING SourceList on p. 48 and the METAL ROOFING SourceList on p. 32.

Roof-Deck Systems

Envirospec, Inc.

Roof Repair Contracting

A.C. Gentry Co.
Apple Restoration & Waterproofing, Inc.
Charles River Restoration Co.
Christiansen, Inc.
Durable Slate Co.
Heather & Little
Ideal Roofing and Sheetmetal
Kronenberger & Sons Restoration
Leeland's Slate Roof Repair
NIKO Contracting Co.
Tile Roofs, Inc.
Vande Hey-Raleigh Mfg.

Roofing Tiles, Clay

Boston Valley Terra Cotta
C&H Roofing, Inc.
CertainTeed—Roofing Products Group
Christiansen, Inc.
Durable Slate Co.
Eternit, Inc.
JEH/Eagle Supply, Inc.
Ludowici Roof Tile, Inc.
Roof Tile & Slate Co.
Source Products Group, Inc.
The Tile Man
Tile Roofs, Inc.

Roofing Tiles, Concrete

Eternit, Inc.
JEH/Eagle Supply, Inc.
Richmond Precast Concrete Products Co.
Roof Tile & Slate Co.
Source Products Group, Inc.
The Tile Man
Tile Roofs, Inc.
Vande Hey-Raleigh Mfg.

Roofing Tiles, Custom Shapes & Colors

Boston Valley Terra Cotta
C&H Roofing, Inc.
CertainTeed—Roofing Products Group
JEH/Eagle Supply, Inc.
Ludowici Roof Tile, Inc.
Richmond Precast Concrete Products Co.
Roof Tile & Slate Co.
Source Products Group, Inc.
The Tile Man
Tile Roofs, Inc.
Vande Hey-Raleigh Mfg.

Roofing Tiles, Fiber-Cement

Eternit, Inc. GAF Materials Corp. JEH/Eagle Supply, Inc Tile Roofs, Inc.

Roofing Tiles, Metal

For METAL ROOFING TILE suppliers, see the METAL ROOFING SourceList on p. 32.

Roofing Tiles, Salvage

C&H Roofing, Inc. Christiansen, Inc. Durable Slate Co. JEH/Eagle Supply, Inc. Roof Tile & Slate Co. The Tile Man Tile Roofs, Inc. Vande Hey-Raleigh Mfg.

Shingles, Asphalt -Thick Profile

CertainTeed—Roofing Products Group

GAF Materials Corp. JEH/Eagle Supply, Inc.

Shingles, Wood

For WOOD ROOFING SHINGLES, see the WOOD ROOFING SourceList on p. 38.

Shingles, Metal

For METAL ROOFING SHINGLE suppliers, see the METAL ROOFING SourceList on p. 32.

Slate, New

American Slate Co.
Durable Slate Co.
Echeguren Slate, Inc.
Eternit, Inc.
Evergreen Slate Co.
Fire-Free Roofing Materials
Greenstone Slate
Hilltop Slate, Inc.
JEH/Eagle Supply, Inc.
Roof Tile & Slate Co.
Slate and Copper Sales Co.
Slate International, Inc.
Source Products Group, Inc.
The Tile Man
Tile Roofs, Inc.
Virginia Slate Co.

Slate, Salvage

Apple Restoration & Waterproofing, Inc. Christiansen, Inc. Durable Slate Co. Echeguren Slate, Inc. Hilltop Slate, Inc. Hilltop Slate, Inc. JEH/Eagle Supply, Inc. Roof Tile & Slate Co. Slate and Copper Sales Co. Source Products Group, Inc. The Tile Man Tile Roofs, Inc. Vande Hey-Raleigh Mfg.

Slate Replicas

CertainTeed—Roofing Products Group Eternit, Inc. GAF Materials Corp. JEH/Eagle Supply, Inc. Ludowici Roof Tile, Inc. Source Products Group, Inc. Tile Roofs, Inc. Vande Hey-Raleigh Mfg.

Slate-Roofing Publications

Jenkins Publishing

Snow Guards

For SNOW GUARDS, see the SNOW GUARDS SourceList on p. 44.

Steeplejack Services

Leeland's Slate Roof Repair NIKO Contracting Co.

Thatch, Natural C&H Roofing, Inc. Safari Thatch & Bamboo

Safari Thatch & Bamboo

Tile Fasteners &

Attachment Systems

JEH/Eagle Supply, Inc. Roof Tile & Slate Co. Source Products Group, Inc.

Tools, Roofing

Gilbert & Becker Co. Hilltop Slate, Inc. JEH/Eagle Supply, Inc. Roof Tile & Slate Co. Stortz & Son, Inc. Tower Cranes

Vents & Ventilating Fans

Castle Metal Products Hilltop Slate, Inc. JEH/Eagle Supply, Inc. Slate International, Inc.

Waterproofing

Apple Restoration & Waterproofing, Inc. Durable Slate Co. Ideal Roofing and Sheetmetal Preservation Products, Inc.

Weathervanes

See the WEATHERVANES, FINIALS & CRESTING SourceList on p. 48.

Wood Roofing

See the WOOD ROOFING SourceList on p. 38.

FIREFREE

Plus PMFC Roofing Materials

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TRADITIONAL BUILDING ON-RESIDENTIAL ROOFING SourceList

COMPILED BY COLE GAGNE

CSI# 07300

COMPANY	SPECIALTY	Literature					
A.C. Gentry Co. 215-927-9948; Fax: 215-927-9012 6631 Wyncate Avenue Philadelphia, PA 19138	Finials, cornices, weathervanes, cupolas, and custom metal fabrication; metal roofing and roof restoration. Materials include aluminum, copper, and galvanized.	Free Write in No. 9040					
ABC Architectural Bird Control 888-212-8682; Fax: 309-755-1865 www.abcbirdcontrol.com East Moline, IL 61244	Sells & specifies high-quality bird-exclusion products to solve pest-bird problems. Product consultation & support includes bird-control system design & customized product instructions, quotes, etc. Custom bird-control programs.	Free					
Allen Architectural Metals, Inc. 800-204-3858; Fax: 256-761-1967 www.allenmetals.com Falladega, AL 35161	Custom ornamental metal castings, including cupolas and spires; new work and replications of historical styles; available in cast and ductile iron and alloys, including aluminum and bronze.	Free Write in No. 1005					
American Slate Co. 800-553-5611; Fax: 925-977-4885 www.americanslate.com Walnut Creek, CA 94596	Source of a comprehensive range of quarry-direct slate for roofing and flooring-tile applications. Nationwide shipping.	Free Write in No. 2723					
Apple Restoration & Waterproofing, Inc. 718-599-5055; Fax: 718-599-3588 members.aol.com/arwny/index.htm Brooklyn, NY 11211	Field specialist in exterior-masonry, stone, slate, terra-cotta, and copper cleaning, restoration, repair, and waterproofing. Offers rigging and installation services. Iceremoval free of charge for ongoing terracotta projects.	Free Write in No. 400					
Architectural Accents 540-943-5888; Fax: Same as phone www.cupolaconstruction.com Waynesboro, VA 22980	A small shop specializing in custom cupolas, belfries, and steeples design and quotes; delivery nationwide. Also, wood screen doors and wood screen storm windows.	Free Write in No. 5032					
Associated Lightning Rod Co., Inc. 518-789-4603; Fax: 518-789-4902 P.O. Box 529, 6020 Route 22 Millerton, NY 12546	Design and installation of lightning protection for residential, commercial, school, and church buildings. U.L. listed, L.P.I. certified member ULPA, LPI, NFPA.	Free Write in No. 2718					
Avian Flyaway, Inc. 800-888-0165; Fax: 972-722-0165 www.avianflyawayinc.com Rockwall, TX 75087	Designs & installs the only system certified as conforming to UL Standard 069. Electric-barrier system is guaranteed to permanently eliminate nesting & roosting of birds; non-lethal, cost-effective, unobtrusive, & easily maintained.	Free					
Berger Bros. Co. 800-523-8852; Fax: 215-355-7738 www.bergerbros.com Feasterville, PA 19053	Manufacturer of commercial and residential roof-drainage systems. New line of copper cornices. Line of snow guards includes F-Rail snow-retention system, the only one that protects roof below the standing seam.	Free Write in No. 2532					
Bird Barrier America 800-503-5444; Fax: 310-527-8005 www.birdbarrier.com Carson, CA 90746	Comprehensive bird-control products, including spikes, coils, netting, electrified tracks & tensioned wires. Specialist in low-visibility solutions for sensitive areas. 30+years experience in specialty roofing.	Free					
Bird-X, Inc. 800-662-5021; Fax: 312-226-2480 www.bird-x.com Chicago, IL 60607	Complete line of products for repelling birds & other pests: SPIKES Needle Strips, sticky gels, net, ultrasonics, visual devices. Projects include schools, hospitals, museums, industrial, commercial, & residential properties.	Free Write in No. 323					
Boston Valley Terra Cotta 716-649-7490; Fax: 716-649-7688 6860 S. Abbott Rd. Orchard Park, NY 14127	Manufactures quality architectural terra cotta and roof tile for restoration and new buildings. Site and survey work: photo documentation, drawings/CAD, computer spreadsheets, moldmaking, fine detail work, and color matching.	Free Write in No. 160					
C&H Roofing, Inc. 800-327-8115; Fax: 386-755-2353 www.chroofing.com Lake City, FL 32056	Specialty roofing contractor; wood thatch effect (steam bent), natural & synthetic thatch, slate, tile, ornamental sheetmetal stampings, copper roofs. Manufactures fire-retardant Endureed Premium Thatch & Country Cottage Roof.	Free Write in No. 7240					
C&J Metal Products 800-500-8660; Fax: 562-634-8823 www.cjmetals.com Long Beach, CA 90805	Fabricator of custom architectural sheetmetal products, specializing in roof dormer vents; also, finials, spires, dormers, canopies, leaderheads, and chimney tops. Restoration and duplication of sheetmetal elements.	Free Write in No. 596					
Castle Metal Products 847-806-4540; Fax: 847-806-4541 www.castlemetalproducts.com Elk Grove Village, IL 60007	Company supplies ridge vents for slate roofs, sheetmetal flashing & trim, gutters both built-in & half-round, leaders & boxes, & more.	Free Write in No. 290					
CertainTeed — Roofing Products Group 800-233-8990; Fax: 610-341-7940 www.certainteed.com Valley Forge, PA 19482	Comprehensive line of asphalt roofing shingles for any price range or architectural style, from the patented "Shangles" (R) to laminates to durable three-tab shingles. Warranty durations from 20 years to limited lifetime.	Free Write in No. 6650 for Carriage House Shangles, No. 2762 for Grand Manor Shangles					
Charles River Restoration Co. 508-435-8540; Fax: 508-435-5494 P.O. Box 390 Hopkinton, MA 01748	Custom design, fabrication, and reproduction of historic copper-frame skylights for both flat and sloped roofs. Complete roof-restoration services available	Free Write in No. 134					
Chimney Pot Shoppe 724-345-3601; Fax: 724-345-8243 www.chimneypot.net Avella, PA 15312	Full range of planters and urns, from practical to decadent. Many are copies of old European pieces. All are finished with a beautiful aged patina.	Free Write in No. 410					
Christiansen, Inc. 800-448-9640; Fax: 815-962-5707 www.shcroofing.com Rockford, IL 61104	National full-service roofing contractor specializing in slate, tile, and architectural metals. Complete roof renovation; pickup and re-lay; ship slate/tile to match your specifications; new and recycled slate and tile.	Free Write in No. 101					

COMPANY	SPECIALTY	Literature				
Classic Gutter Systems 516-382-2700; Fax: 616-343-3141 www.classicgutters.com Kalamazoo, MI 49003	Authentic 6-in. seamless half-round gutter in heavy 20-oz. copper and heavy-duty aluminum with baked-enamel finish; hidden nut-&-bolt adjustable hanger system. Cast fascia brackets & decorative components in solid brass & aluminum.	Free Write in No. 1280				
CLS Cintec 800-363-6066; Fax: 800-461-1862 www.cintec.com Washington, DC 20015	Designer of engineered anchoring systems for masonry, terra-cotta, and chimney repair/restoration. Systems are fireproof, cement-based, and custom-tailored to each application.	Free Write in No. 7050				
Conrad Schmitt Studios 800-969-3033; Fax: 262-786-9036 www.conradschmitt.com New Berlin, WI 53151	Since 1889, studio has provided gilding for building exteriors, domes, crosses, & statues, including Notre Dame's signature golden dome. Creation & restoration of decorative painting, stained glass, & artwork are also specialties.	Free Write in No. 8040				
Copperworks of Don Miller 877-633-9308; Fax: 909-445-0828 www.copperworks.net Orange, CA 92869	Don Miller's bronze & copper raingutter brackets & accessories match period styles, but exceed historic standards of strength. Catalog has a national sourcelist of half-round raingutter suppliers; green patina formula for exteriors.	Free Write in No. 2000				
Durable Slate Co. 800-666-7445; Fax: 614-299-7100 www.durableslate.com Columbus, OH 43201	Specialty roofing contractor installs slate & metal roofing in Midwest & East. Specializes in slate-roof restoration; fabricating & installing metal roofs & ornamental metal details; metal or box gutter restoration. Supplies natural-slate & clay roofing tile.	Free Write in No. 3720				
East Coast Lightning Equipment 860-379-9072; Fax: 860-379-2046 www.eastcoastlightning.com Winsted, CT 06098	Full-service manufacturer of UL-listed lightning-protection equipment, including air terminals, fittings, clamps, conductors, grounding products, finials, glass balls. Products meet national safety standards for lightning protection.	Free Write in No. 2450				
Echeguren Slate, Inc. 800-992-0701; Fax: 415-206-9353 www.echeguren.com San Francisco, CA 94107	Importer and distributor of an extensive line of roofing tiles and slate flooring; stock includes slate from USA, Spain, China, Brazil, India, and Africa; can dispatch on short notice.	Free Write in No. 7220				
Envirospec, Inc. 716-689-8548; Fax: 716-689-7309 www.envirospecinc.com Buffalo, NY 14205	Manufacturer of the PAVE-EL Pedestal System, designed to elevate, level, and uniformly space paver stones, easily transforming a roof into a patio, terrace, balcony, walkway, plaza, podium, promenade, or just plain roof deck.	Free Write in No. 3137				
Eternit, Inc. 800-233-3155; Fax: 610-926-9232 www.eternitusa.com Reading, PA 19605	Fiber-cement slates from Belgium and Ireland, with a textured-slate look or a smooth surface. Large and small rectangular sizes available with various edge shapes and colors. Also, hexagonal smooth shape; natural slate; clay tiles.	Free Write in No. 601				
Evergreen Slate Co. 518-642-2530; Fax: 518-642-9313 www.evergreenslate.com Granville, NY 12832	Natural Vermont roofing slate in wide range of sizes, colors, & thicknesses. Experts in replacement slate; from close-up of a 35mm photo, can match any roof slate ever applied. Can blend or create contrasts for new installations.	Free Write in No. 605				
EverGreene Painting Studios 212-244-2800; Fax: 212-244-6204 www.evergreene.com New York, NY 10001	Full-service decorative-arts studio. Design, production & installation of murals & decorative-painting schemes for large-scale projects & intimate settings worldwide. Exterior-gilding services; restoration specialists; traditional & contemporary architecture.	Free Write in No. 2460				
Fire-Free Roofing Materials 972-304-9910; Fax: 972-304-5306 821 Leslie Dr. Coppell, TX 75019	Source of slate roofing.	Free Write in No. 80				
GAF Materials Corp. 973-628-3000; Fax: 973-628-3865 www.gaf.com Wayne, NJ 07470	America's largest roofing manufacturer supplies Timberline fiberglass asphalt shingle with wood look; Slateline imitation-slate shingles; Country Estates shingles with a color palette that simulates the hue of natural stone or slate.	Free Write in No. 9270 for Country Estates, 2222 for Slateline				
Gilbert & Becker Co. 617-265-4343; Fax: 617-265-0936 P.O. Box 255066 Dorchester, MA 02125	Full-service roofing contractor specializing in restoration, repair, and installation of copper, slate, and tile roofing in the greater Boston area. Manufactures new G&B USA slate hammer.	Free Write in No. 815				
Gilders' Studio, Inc. 800-937-GILD; Fax: 301-774-5037 www.gilders.com Olney, MD 20832	Award-winning studio is known for some of the largest and most prestigious exterior and interior gilding projects, including large gilded domes across the U.S. and overseas.	Free Write in No. 898				
Gough & Bros. SnoGuards 708-485-6272; Fax: 708-485-6273 www.snoguard.com Brookfield, IL 60513	Firm supplies architectural copper work and slate, tile, and copper roofing. Snow guards a specialty; manufactures the original copper Cody snow guard.	Free Write in No. 261				
Greenstone Slate 802-287-4333; Fax: 802-287-5720 www.greenstoneslate.com Poultney, VT 05764	Quarrier of Vermont roofing slate in wide range of sizes, colors, and weights. Experienced in matching slates for roof restoration, additions, and new construction. Graduated roofs, blending, contrasting, all effects.	Free Write in No. 377				
Heather & Little, Ltd. 800-450-0659; Fax: 416-465-2962 www.heatherandlittle.com Toronto, ON, CANADA M4L 2R8	Firm performs every aspect of sheetmetal roofing and specialty architectural sheetmetal, including reproductions and stampings.	Free Write in No. 24				



WRITE IN NO. 9560





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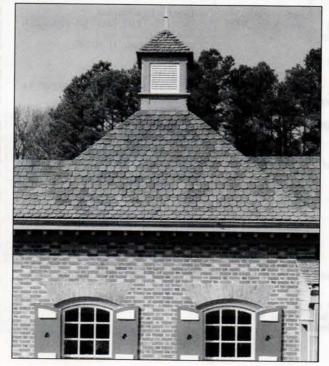
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RICHMOND PRECAST CONCRETE PRODUCTS INC. 2207 Commerce Rd, Richmond, VA 23234 (804) 231-0100 Fax: 804-231-0353

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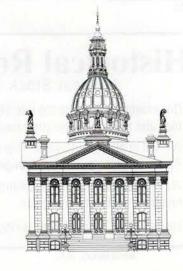
TRADITIONAL BUILDING ON-RESIDENTIAL ROOFING SourceList

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	SPECIALTY	Literature					
518-642-2270; Fax: 518-642-1220 www.hilltopslate.com Middle Granville, NY 12849	New York-Vermont natural roofing slate and flagstones in all colors, textures, sizes; semi-weathering and unfading shades. Specialists in color matching and roofing slate for restoration. Traditional slate-roofing tools available.	Free Write in No. 9950					
Historical Arts & Casting, Inc. 800-225-1414; Fax: 801-280-2493 www.historicalarts.com	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.	Free Write in No. 1210					
Ideal Roofing and Sheetmetal 718-786-8217; Fax: 718-786-3485 www.idealroof.com Long Island City, NY 11101	Second-generation roofing & sheetmetal- fabrication firm with over 48 years' experience restoring NYC landmark facades & building envelopes. Specialties include fabricating metal cornices with historically correct methods & materials.	Free					
JEH/Eagle Supply, Inc. 888-534-1800; Fax: 972-364-0554 www.eaglesupplygroup.com Addison, TX 75001	Exclusive distributors of Ludowici Roof Tile, Hilltop Vermont Slate, and North Country Black Slate. Large inventory of new & used tile and slate; over 1,000 squares of slate in stock; ready to ship. 32 offices nationwide.	Free Write in No. 801					
Jenkins Publishing 800-689-3233; Fax: 814-786-8209 www.jenkinspublishing.com Grove City, PA 16127	Publishes 'The Slate Roof Bible,' a repair & restoration manual with illustrated step-by-step roof installation, repair, flashing, chimney-work, safety, & slate-recycling instructions, plus sources of tools, slate, & accessories.	Free Write in No. 644					
John Canning Painting & Conserva- tion Studios 203-272-9868; Fax: 203-272-9879 www.canning-studios.com Cheshire, CT 06410	Studio specializes in conservation and restoration of painted and gilded ornamentation. The design and execution of murals and decoration is suitable to period interiors. Extensive experience and knowledge of church decoration.	Free Write in No. 5100					
Kronenberger & Sons Restoration 860-347-4600; Fax: 860-343-0309 www.kronenbergersons.com Middletown, CT 06457	Restoration contractor specializing in int/ext restoration, encompassing all types of finishes. Extensive experience on national-landmark projects, including museums, churches, town halls, libraries, barns, period homes, & outbuildings.	Free Write in No. 536					
Leeland's Slate Roof Repair 888-927-5283; Fax: 717-721-3511 www.leelands.com Lititz, PA 17543	Painting, repair, and/or restoration of steeples & bell towers. Specialist in slate, copper, & custom millwork. Repair/restoration of slate roofs & metal flashing. Photographic reports, budget forecast, multi-year programs developed.	Free Write in No. 317					
Liebscher Custom Sheet Metal 760-471-5114; Fax: 760-471-7884 P.O. Box 38 San Marcos, CA 92079	Reproduction of historic roof shingles, weathervanes, cupolas, gargoyles, and roof ornaments.	Free Write in No. 1038					
Liner Rolpanit, Inc. 416-534-1511; Fax: 416-538-3482 www.linrol.com Toronto, ON, CANADA M6G 3H1	Source of information, technology, materials, and machinery for repair and conservation of historic buildings. Supplier of mortar mills, lime mortars, DHL injection mortars & shelter coats, repair mortars, and Keim silicate paints.	Free Write in No. 302					
Loehr Lightning Protection 804-272-1627; Fax: 804-359-9084 www.loehrlightning.com Richmond, VA 23220	UL-listed installer and member of ULPA, LPI, NFPA, The National Trust for Historic Preservation, and the VA Historical Society; lightning-protection-system design, installation, and consultation.	Free Write in No. 973					
Ludowici Roof Tile, Inc. 800-917-8998; Fax: 740-342-5175 www.ludowici.com New Lexington, OH 43764	Complete line of clay roof tiles for restoration and new work; wide array of patterns, finishes, and colors. Custom manufacturing; good freeze/thaw properties; low moisture absorption; 75-year limited warranty.	Free Write in No. 276					
NIKO Contracting Co. 412-687-1517; Fax: 412-687-7969 www.nikocontracting.com Pittsburgh, PA 15213	Nationwide roofing and sheetmetal contractor has extensive experience in historic-restoration projects: custom architectural sheetmetal work, artificial patination of copper, standing-seam, slate, tile, and other historic roofing.	Free Write in No. 830					
Nixalite of America, Inc. 800-624-1189; Fax: 800-624-1196 www.nixalite.com East Moline, IL 61244	Stainless-steel needle strips that provide a simple, effective, and humane solution for pest-bird problems. Easy-to-install Nixalite strips are long-lasting, versatile and inconspicuous; available in standard or custom colors.	Write in No. 370					
Optic Nerve Art Corp. 614-876-1994; Fax: 614-876-2216 www.opticnerveart.com Columbus, OH 43228	Interior and exterior fine decorative painting, murals, and trompe l'oeil. Manufacturer of custom wallcoverings. Specialities include gilding, faux finishes, lettering, encaustic, and historical sculpture and frame reproductions.	Free Write in No. 27					
Preservation Products, Inc. 800-553-0523; Fax: 610-891-0834 www.preservationproducts.com Media, PA 19063	Supplies Acrymax restoration and preservation systems for historic metal roofs; durable weatherproof membrane can be used as complete roof system or for repair; can also be used on asphalt, wood, masonry, and other substrates.	Free Write in No. 818					
Rain Gutter Store 714-378-3577; Fax: 714-378-3580 www. RainGutterStore.com Fountain Valley, CA 92708	Manufactures rain gutters in copper, steel. Also, supplies special gutter hangers designed to be the strongest of its kind on the market, and a face cap for 5-in. ogee-style rain gutters.	. Free Write in No. 143					
Richmond Precast Concrete Products Co. 804-231-0100; Fax: 804-231-0353 2207 Commerce Rd. Richmond, VA 23234	Manufactures flat concrete shingle tile in various colors and textures. Tiles can be customized to resemble wood, slate, and other materials.	Free Write in No. 634					

COMPANY	SPECIALTY	Literature				
Roof Tile & Slate Co. 800-446-0220; Fax: 972-242-1923 www.claytile.com Carrollton, TX 75006	New and vintage clay tile and slate roofing; custom blending of clay tiles and used roofing slate; field tiles and trim are palletized and ready to ship; also, flooring for interior spaces, specialty trim for historical projects.	Free Write in No. 9560				
Safari Thatch & Bamboo 954-564-0059; Fax: 954-564-7431 www.safarithatch.com Fort Lauderdale, FL 33305	All tropical- and jungle-theming materials, including thatch bamboo, rustic bamboo and eucalyptus fencing, exotic timber, int./ext. foliage. Also, ready-to-assemble thatch and bamboo kiosks, pavilions, trellises, fences, and more.	Free Write in No. 621				
Slate and Copper Sales Co. 814-455-7430; Fax: 814-455-7823 www.slateandcopper.com Erie, PA 16507	Firm supplies half-round and K-style gutter systems, ridge cresting, finials, cupolas, dormers, dormer vents, gutter and downspout brackets, copper conductor boxes (leader heads), slate-roofing materials new and salvaged, and more.	Free Write in No. 8159				
Slate International, Inc. 301-952-0120; Fax: 301-952-0295 www.slateinternational.com Wilmington, DE 19808	Supplier of high-grade roofing slate, domestic and imported, in all colors. Clients/applications include Yale University, Cesar Pelli Architects, and The Audubon Society. Also, suppliers of slate-covered ridge vent.	Free Write in No. 9340				
Sleepy Hollow Chimney Supply 800-553-5322; Fax: 631-231-2364 85 Emjay Blvd. Brentwood, NY 11717	Chimney and fireplace fittings, including top-mounting chimney fan to increase draft. Super Vent repairs damaged fireplaces without disturbing original masonry; units feature Bellires refractory firebox, hearth, side flares.	Free Write in No. 8500				
Source Products Group, Inc. 303-280-9595; Fax: 303-280-2600 www.petraslate.com Broomfield, CO 80020	Supplier of "PetraSlate," a line of roofing, flooring, and wall cladding domestic and imported slate. The unique, high-quality collection offers versatility in usage, color, and textures. Carving and etching a specialty.	Free Write in No. 8175				
Stortz & Son, Inc. 888-847-3456; Fax: 215-627-6306 www.stortz.com Philadelphia, PA 19106	Manufacturer of slater's tools and sheetmetal hand tools for over 140 years.	Free				
The Tile Man 919-853-6923; Fax: 919-853-6634 www.thetileman.com Louisburg, NC 27549	Supplier of Vintage Tile (including trim) to match any existing clay-tile rooftop. New Product Div. offers clay roofing tile, concrete roofing tile, and slate. Consultation, installation advice, and identification are free services.	Free Write in No. 4420				
Tile Roofs, Inc. 888-708-TILE; Fax: 708-479-7865 www.tileroofs.com Chicago, IL 60628	One of the largest stocks of salvaged clay roofing tiles and slate roofing in the U.S. Specialists in the supply and installation of tiles to match existing roofing for additions and restorations of historic properties.	Free Write in No. 457				
Touch's Of Illusions 708-453-2230; Fax: 708-453-2231 7442 W. Grand Ave. Elmwood Park, IL 60707	Specialist in the restoration and preservation of the decorative finish on architectural elements and the design of interior faux finishes. Also gold leafing, murals, woodgraining, marbleizing.	Free Write in No. 222				
Tower Cranes 610-891-2733; Fax: 610-891-2734 P.O. Box 586 Westtown, PA 19395	Distributor of portable self-erecting tower cranes. Cranes hydraulically erect in less than ten minutes.	Free Write in No. 77				
Vande Hey-Raleigh Mfg. 800-236-8453; Fax: 920-766-0776 www.vhr-roof-tile.com Little Chute, WI 54140	Known as "cold climate" tile expert; offers extruded concrete roofing tiles in nine styles and 20 standard colors and sufaces for restoration and new construction. Also, recycled slate, concrete, and clay roof tiles.	Free Write in No. 284				
Virginia Slate Co. 888-VA-SLATE; Fax: 804-285-4442 www.virginiaslate.com Richmond, VA 23219	Quarrier of natural Virginia slate blue/black S-1 roofing slate. Provides natural roofing slate in wide range of sizes & colors. Experienced in matching or blending sizes & colors to create contrast. Quarry in Buckingham County, Va.	Free Write in No. 502				
Vulcan Supply Corp. 802-893-0512; Fax: 802-893-0534 P.O. Box 100 Westford, VT 05494	Specialist in replication of historic architectural sheetmetal ornamentation; custom and stock finials, weathervanes, cornices, vented ridge cresting, leader boxes, cupolas, roof vents, and more; all periods and styles.	Free Write in No. 721				





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For full contact information on these companies, consult the SourceList on pp. 20-22.



CASTLE METAL PRODUCTS' "Top-Slate" system of ridges, hips, and vents strengthens a slate roof's weakest areas and provides a permanent, watertight fin-ishing course. Write in No. 2901



Historical "Mineral Wells" shingles are available for restoration and new construction from THE ROOF TILE & SLATE COMPANY. Write in No. 9560



IDEAL ROOFING fabricated and installed a new copper cornice for New York City's New Victory Theater, replicating the design of the original.

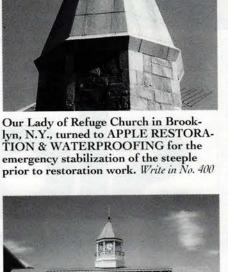


CLS CINTEC's anchor system for hollow masonry units is widely used in association with historic roofing restorations. Write in No. 7050



TOWER CRANES' compact "GA" cranes automatically position and level themselves thanks to the hydraulic equipment in their towers. Write in No. 77

emergency stabilization of the steeple prior to restoration work. Write in No. 400



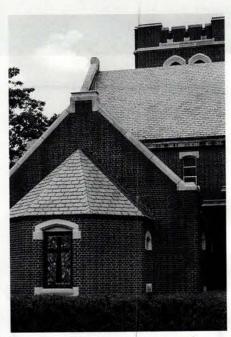
ETERNIT manufactures roofing slate made from a unique fiber-cement formulation. The firm's Grey-Green slates were used for the roof of the Arlington International Racetrack in Chicago. Write in No. 601



Black slate from ECHEGUREN SLATE adorns the tower roof of this Northern California building. Write in No. 7220



HILLTOP SLATE quarries Vermont roofing slate in a wide array of sizes and colors. Write in No. 9950



All Saints Episcopal Church in Richmond, Va., commissioned LOEHR LIGHTNING PROTECTION CO. to protect its slate roof with a U.L. Master Label lightning-protection system. Write



Ephraim Village Hall is roofed with Charcoal Gray Weathered Black #2 Slate from



LUDOWICI's Spanish Mediterranean clay tile is designed as a one-piece barrel tile and carries a 50-year limited warranty. Write in No. 2761



RICHMOND PRECAST CONCRETE PRODUCTS manufactures handmade, reinforced-concrete roofing tile in a range of shades and colors, some of which replicate wood shingles. Write in No. 6340

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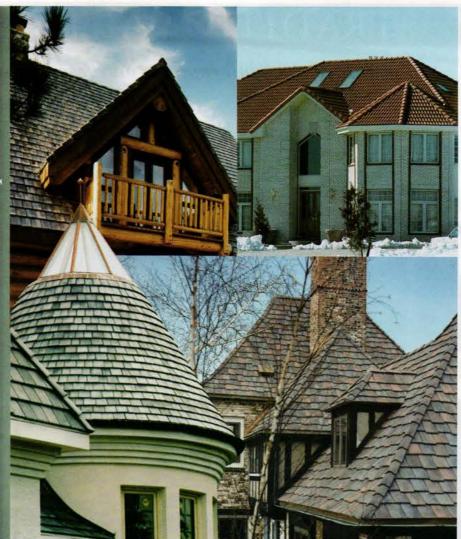
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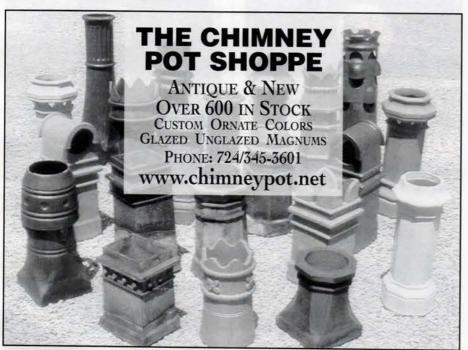
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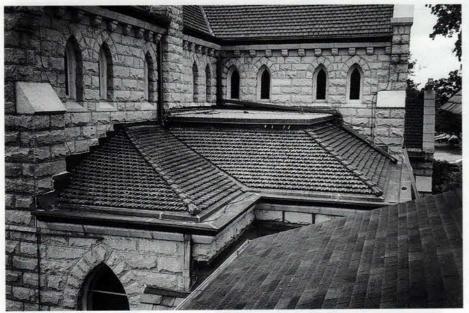
FREE PRODUCT LITERATURE FILL OUT THE ENCLOSED POSTCARD OR USE THE COUPON ON PAGE 214.

TRADITIONAL ROOFING PORTFOLIO

For full contact information on these companies, consult the SourceList on pp. 20-22.



Boasting one of the largest stocks of salvaged clay tiles in the U.S.A., TILE ROOFS, INC., specializes in installing tile (and slate) for restoration projects. Write in No. 4570



THE TILE MAN can match existing vintage terra-cotta roofing tiles for repairs and additions. Write in No. 4420



LEELAND'S SLATE ROOF REPAIR set the multi-colored slate for this roof in a graduated design, with the slates decreasing in thickness and size up to the ridge of the roof. Write in No. 3171



The Pave-El pedestal system from ENVI-ROSPEC requires no special training to install, and provides superior drainage for roof decks and promenades. Write in No. 3/37



Stainless-steel strips from NIXALITE were used to render the roofline of the East Chicago City Hall uninhabitable for birds. Write in No. 570



Grand Manor Shangle #174, a heavyweight asphalt fiberglass roofing shingle from CERTAINTEED CORP., provides the depth and appearance of natural slate. Write in No. 2762



The "Strata Grey" line of roofing slate, #RHC 107 from AMERICAN SLATE COMPANY, brings a special character to this building. Write in No. 2725



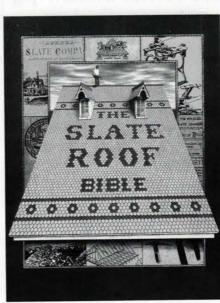
This building in Denver, Colo., uses PetraSlate Roofing from SOURCE PRODUCTS GROUP, which here is 60% Vermont Black and 40% Unfading Green, with 20-in. length by random width. Write in No. 8175



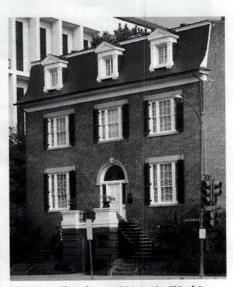
ASSOCIATED LIGHTNING ROD CO. offers complete lightning-protection systems for commercial structures. Write in No. 2718



This new roofing tool from GILBERT & BECKER, a Slater's Hammer, features a unique offset head design that allows for left- or right-handed use. Write in No. 8157



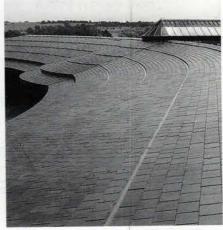
"The Slate Roof Bible" from JENKINS PUBLISHING will tell you everything you always wanted to know about slate roofs. Write in No. 644



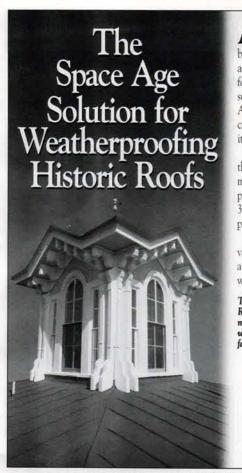
The Sewall-Belmont House in Washington, D.C., headquarters of the National Women's Party, features roofing supplied by SLATE INTERNATIONAL. Write in No. 9340



The "Bird Proof" gel compound from BIRD-X, applied with an ordinary caulking gun, is a transparent, tacky, nontoxic substance that renders a surface uninhabitable for birds. Write in No. 3250



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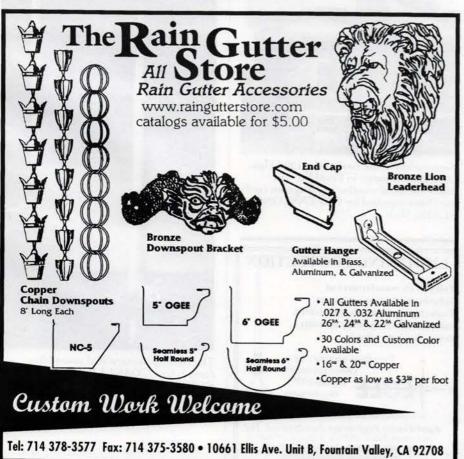
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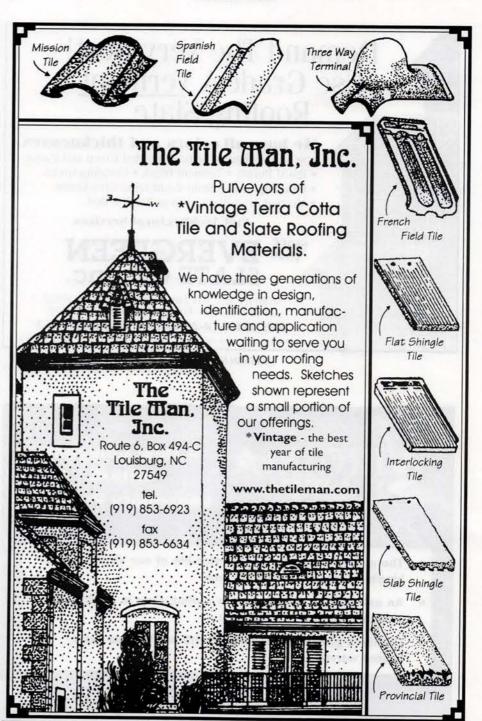
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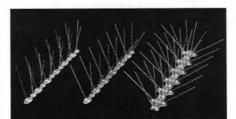
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For more on these companies, see pp. 20-22.



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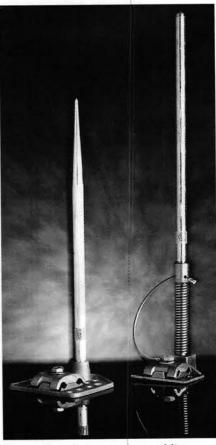
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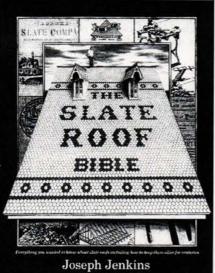
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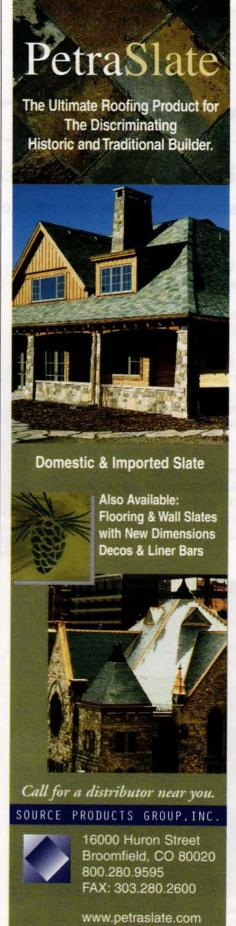
ABOUT THE AUTHOR

Joseph Jenkins, a practicing slate and tile roof restoration contractor since 1968 and a slate roofing consultant to the US government, is contracted by state and local governments and historical trusts for slate roof restoration services. An international lecturer, he spoke about slate roofs at the east coast Natural Building Colloquium and at the International Preservation Trades Workshops near Wash. DC in 1998, 1999, and 2000.

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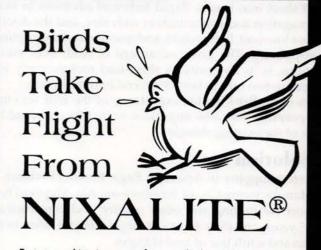
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4

INSPIRED BY LEAD

The restoration of the spire of a church in a small Midwestern town is a showcase for an ancient roofing material: Lead.

by Michael Carey

he St. Petri Lutheran Church in Windtown, Ill., is fairly typical of small-town Midwestern houses of worship. An unassuming Victorian Gothic structure, the church was built in 1908. St. Petri's spire was originally roofed with wood shingles, which were eventually replaced with asphalt shingles — a common, and relatively cheap option.

Intermittent leaks and the gradual failure of the asphalt shingles over a number of years led to the erosion of materials at the base of the spire, and the church elders decided that a restoration was overdue. The elders considered many different options — including replacing the asphalt in kind — before deciding on lead.

The Life of Lead

Lead has one of the longest pedigrees of all roofing metals. Lead sheeting was used by the ancient Greeks, Romans, and Turks, while in this country lead roofs date as far back as the seventeenth century. Classic examples of the sheet-lead roofing topped "Rosewell," a Colonial mansion in Gloucester County, Va., built in 1725, and Thomas Jefferson's "Monticello."



When the asphalt-shingle roof on the spire of St. Petri Lutheran Church in Windtown, Ill., failed, Church elders decided to replace it with lead. American Eagle Roofing Systems supplied the 8-x-10-in. shingles which were installed by L.W. Thomas Roofing Company.



The lead shingles were fitted in the traditional plain-tile and slate technique, but are fixed directly to the substrate without batten. Because of lead's malleability, the shingles can be nailed to the substrate without any risk of cracking.

The material's popularity waned in the nineteenth century, when the domestic manufacture of sheet iron began. Rapid technical advances in iron manufacture, such as corrugation and galvanization with zinc, and the development of tin-plate iron as a low-cost, lightweight, and low-maintenance option further eroded lead's popularity. The great advantage of lead, over more contemporary metal options, is its longevity: A sheet-lead roof properly installed and treated with patination oil can last for several hundred years.

For the church elders of St. Petri the life expectancy of the roof was the primary concern, but appearance was also important in that they wanted to maintain the general look of the existing shingles.

The Optimum Solution

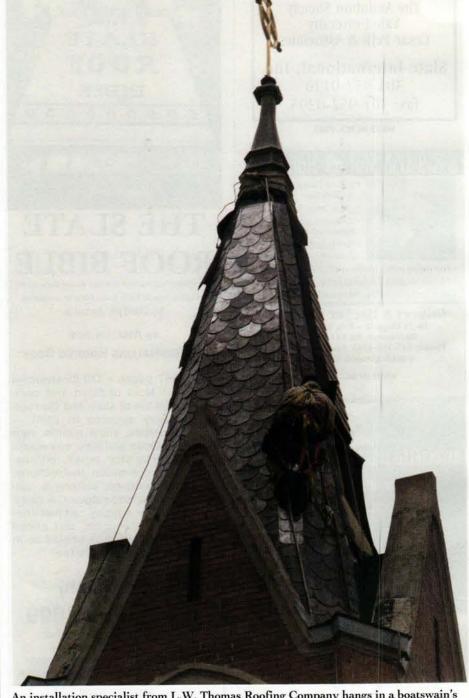
The church found the perfect supplier in American Eagle Roofing Systems, a subsidiary of Mayfield Manufacturing Co., of Birmingham, Ala. Mayfield has been fabricating lead sheet for roofing and other quality lead construction products for more than 65 years, and their American Eagle offshoot offers both lead-sheet roofing systems and a full line of lead shingles.

American Eagle manufactures lead shingles in virtually any size; for the St. Petri project they supplied a 10-x-8-in. template. The shingles are cut out of a rolled lead sheet at a 5-lbs.-per-sq.ft. mass. When installed, the shingles have an overall mass of 8 lbs. per sq.ft. due to overlapping.

The roof was installed by L.W. Thomas Roofing Company of Peoria, Ill. Because of the height and wind factors, the shingles were covered a little deeper than normal, and stainless-steel clips were placed on every third row. These clips also mitigated the potential problem of shingle "creep," where lead, under extreme heat or cold, may expand or contract far more than other, more rigid, metals. 650 shingles were used per square with the total of shingles numbering approximately 3,000.

Installed for a Lifetime

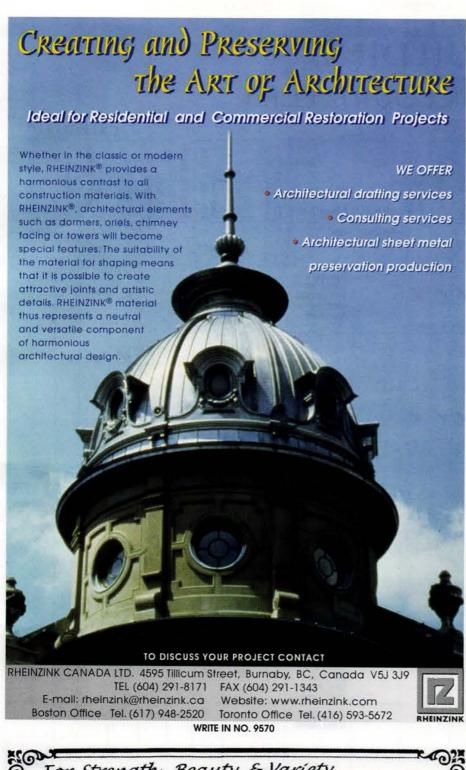
The shingles were installed using a traditional plain-tile technique, but were attached with two copper nails directly to the roof substrate rather than to a



An installation specialist from L.W. Thomas Roofing Company hangs in a boatswain's chair while fastening lead shingles to the Church spire. Two copper nails were used for each shingle and approximately 3,000 shingles were installed.

batten. The underside of the shingles were also treated with a patination oil before installation and on the topside upon completion of the roof.

The result, according to American Eagle's Ken Mardick, is that "the Church can expect to keep its new lead roof for over a hundred years." Comparing the project with the alternatives available to the church, Mardick notes that while the lead shingles weigh a little more than asphalt, "their life span is more than five times that of asphalt, making a lead roof a virtually permanent and attractive solution."





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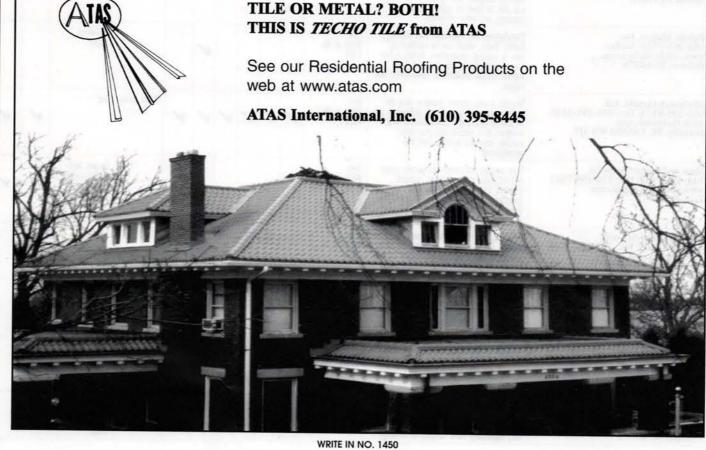


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Berger Bros. Co. 800-523-8852; Fax: 215-355-7738 www.bergerbros.com Feasterville, PA 19053	Manufacturer of commercial and residential roof-drainage systems. New line of copper comices. Line of snow guards includes F-Rail snow-retention system, the only one that protects roof below the standing seam.	Free Write in No. 2532									v	~	~			~	,	~	44
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Follansbee Steel 800-624-6906; Fax: 304-527-1269 www.follansbeeroofing.com Follansbee, WV 26037	Manufactures two roofing metals: Terme II, a zinc/tin-coated carbon steel, and TCS II, a zinc/tin-coated stainless steel.	Free Write in No. 606								Terne, terne- coated stainless									
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METAL ROOFING PORTFOLIO

For complete information on these companies, consult the SourceList on pp. 18-20.



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AMERICAN EAGLE ROOFING installed a new flat lead membrane roof on the First Presbyterian Church in Babylon, N.Y. Here, a lead burner seals a joint on a parapet capping. Write in No. 403



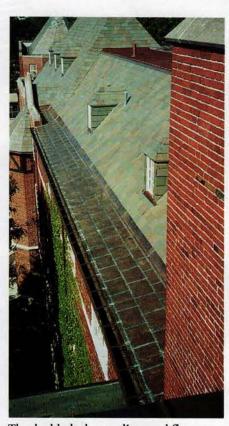
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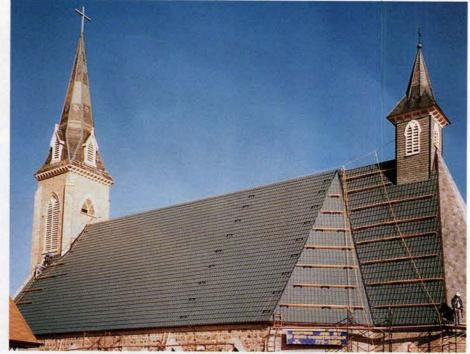
The double-lock, standing- and flat-seam copper and slate roof and gutter system on this residence hall at the Ohio State University was installed by THE DURABLE SLATE CO. Write in No. 3720



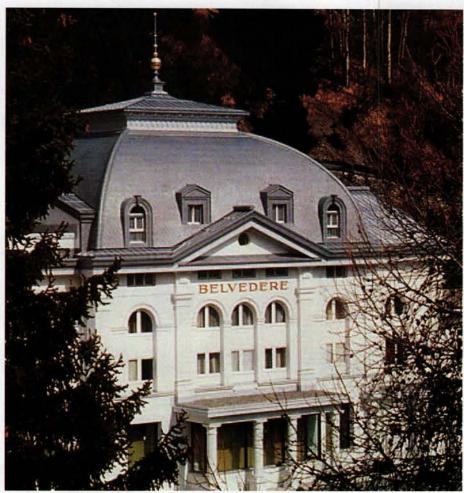
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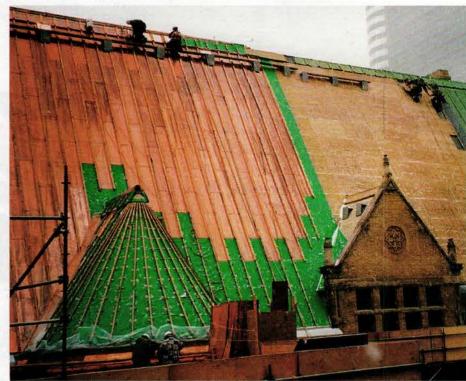
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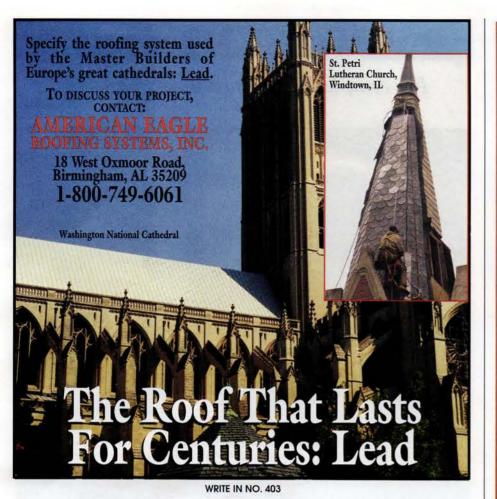
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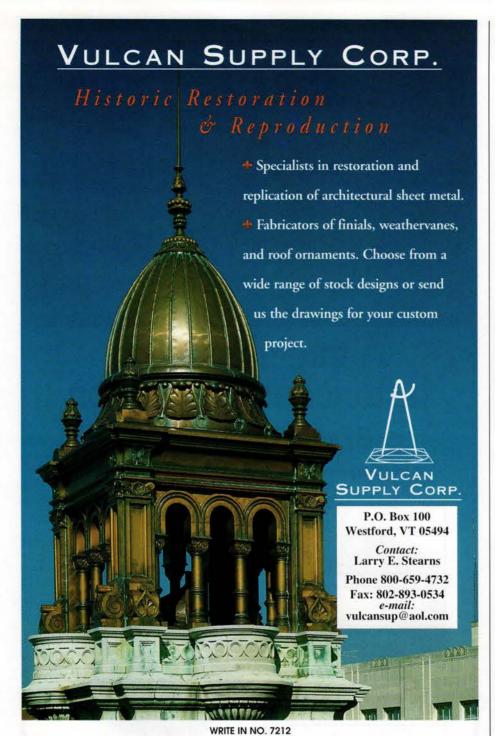


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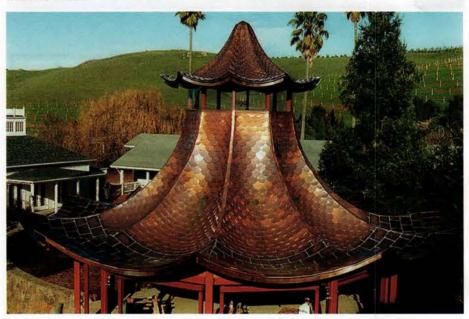
WRITE IN NO. 606

METAL ROOFING

For complete information, see page 32.



THE COPPERWORKS OF DON MILLER supplied this custom Mission-style copper awning and lamp, as well as the copper gutter and cast-bronze raingutter bracket. Write in $No.\,2000$



This dramatic copper-shingled roof was fabricated by the artisans of VULCAN SUPPLY. Write in No. 7212



The dome on the clock tower of the Hancock County Courthouse in Findlay, Ohio, was sheathed in new copper by NIKO CONTRACTING, who also replaced the slate roof as part of a complete restoration. Write in No. 8500



The "Classic" line of steel shingles from BERRIDGE MFG. was used on the roof of this building in Houston, Tex.

A "NATURAL" ROOF

by Leslie Jay

hile most wood-roof specialists do the bulk of their business in home construction, they also nail down a few commercial niches. "Our market is oriented more toward the residential builder," says Ela Bannick, co-owner of Bear Creek Lumber Inc., a company in Winthrop, Wash., which makes a wide range of wood products, including shakes and shingles. "But we do get interest from some schools, restaurants, and museums that want a traditional look."

Others report that their customers are interested in cultivating a more-exotic appearance. Gary Cooke, co-owner of C&H Roofing in Lake City, Fla., says that one of his firm's most unusual products is Country Cottage Roof (TM), a framing system with steam-bent shingles that can be used to suggest thatch. C&H also makes Endureed Premium Thatch (TM), composed of fire-retardant PVC fiber. Meanwhile, Safari Thatch & Bamboo gets plenty of requests for the real article: roofs composed of grass, reeds, or palm leaves. Clients of the Fort Lauderdale, Fla., company range from theme parks, zoos, and resorts to homeowners. "Thatch is beautiful, romantic, magical; light washes off its surfaces like it's one huge lampshade," says Safari's president, Garth Wight. "And the acoustics are fantastic."

Pressure- and chemical-treated products can help a cellulose-based roof wear as well as it sounds. But before you select the actual materials, you'll need to talk to experts familiar with the local building code. Basically, lumber can be pretreated to resist either fire or rot, but not both. Fire retardants may be required in dry climates, while preservatives may be necessary in damp or humid areas. Even if the weather doesn't call for special measures, the building's insurer might insist on them.

Nonetheless, some roofers find that demand for factory treatment is far from universal. "We use pressure-treated wood only at the customer's request, for compliance with local codes," notes David Goss, co-owner of Liberty Cedar, Inc., in West Kingston, R.I. For the record, wood isn't the only flammable material that gets installed on top of buildings. "Asphalt shingles are hugely used; many are Class C if they have an organic-based mat," observes Cooke. To get details about the performance of a specific product, contact your supplier, as well as trade organizations. (Since most wooden roofing is made of cedar, the Cedar Shake & Shingle Bureau, which maintains headquarters in Sumas, Wash., and Mission, B.C., Canada, is a good resource. The group issues different labels for fire-treated, preservativetreated, and untreated shakes and shingles that meet its standards.)

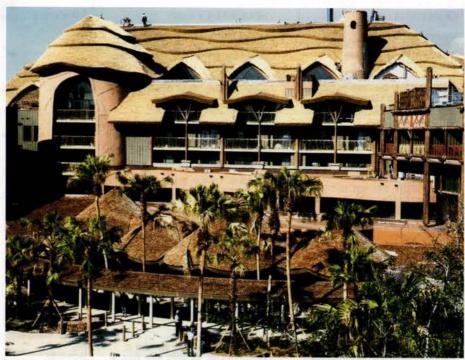
Construction with factory pressure-treated wood can produce a UL rating of Class B. Use of either a gypsum-sheathing system or a foil-faced underlayment can boost a roof's rating to Class A, says Cooke. Other building methods will extend the life of the roof. The traditional practice was to lay the shakes or shingles on top



Exposed beams add to the rustic aura of this grass-thatched hunting lodge, built in Africa by Safari Thatch & Bamboo.



Grass thatch is versatile and multicultural, as attested by this hipped-roof Safari installation in Kukio Bay, Hawaii.



This shot of an African-style theme park shows C&H Roofing's synthetic thatch on the lodge and cedar shakes on other structures, which work together to evoke the look of an African village.



At the theme park and resort, C&H Roofing installed fire-retardant cedar shakes in a staggered wave coursing pattern, complementing the company's fire-retardant, synthetic thatch on the poolhouse, seen in the background.

of spaced sheathing, which permitted ventilation. "But they don't like spaced sheathing in commercial settings, because it's hard to insulate effectively," explains Cooke, who adds that the manufacturers of pressure-treated wood don't require ventilation for their warranty. Therefore, the most common commercial framing is a steel and plywood deck. Stainless-steel or double-dipped, zinc-coated fasteners

continued on page 41

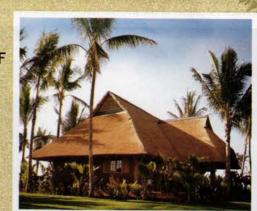


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WTRADITIONAL BUILDING WOOD ROOFING SourceList

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COMPANY	SPECIALTY	Literature	Hand-Split Shakes	Machine-Cut Shingles	Custom-Cut Shingles	Fancy-Cut Butt Shingles	Fire-Retardant Treated	Rot-Retardant Treated	Thatch	Wood Look- Alikes	Other	Wood Species	Preservatives, Sealers, Stains	Snow Guards	Vents	Other
Amarant Wood Products, Inc. 800-423-2205; Fax: 707-822-2823 4935 Boyd Road, P.O. Box 1008 Arcata, CA 95521	Redwood shingles, shakes, barn shakes and fencing; historical match-ups; 'certi-grades' from salvaged logs; fancy cuts, hip, and ridge shapes.	Free	V	~	V	v	v	~			an year	Red cedar, redwood				
Atlantic White Cedar Co. / Wood, Steel & Glas 203-245-1781; Fax: 203-245-0755 www.whitecedar.com Madison, CT 06443	Firm supplies custom-manufactured shakes, shingles, and siding. Historic restoration and new projects.	Free Write in No. 3074	V	~	V	~				100		Red cedar, white cedar, cypress, old- growth cypress	vin	,		Wood buffers
C&H Roofing, Inc. 800-327-8115; Fax: 386-755-2353 www.chroofing.com Lake City, FL 32056	Specialty roofing contractor; wood thatch effect (steam bent), natural & synthetic thatch, slate, tile, ornamental sheetmetal stampings, copper roofs. Manufactures fire-retardant Endureed Premium Thatch & Country Cottage Roof.	Free Write in No. 7240	~	~	V	~	~	~	v	~	Steam- bent shakes & shingles	Red cedar, white cedar, cypress, Southern yellow pine			100	Specialty cut shingle
Dykes Lumber Co. 201-867-0391; Fax: 201-867-2981 www.dykeslumber.com Weehawken, NJ 07087	Architectural woodwork supplier: stock doors; stock and custom mantels; all types of wood windows, including custom shapes & sizes; molding profiles; raised-panel moldings, lumber, plywood; wood shingles and shakes, more.	Free Write in No. 3100		~							5	1977 July				
Everlast Systems, Inc. 888-564-3837; Fax: 360-532-6828 www.evershake.com Hoquiam, WA 98550	Maker of "Ever-Shake" simulated-cedar shakes, made of polymer composite and designed to look, cut, and install like cedar shakes. Ever-Shake is Ul-and ICBO-approved, Class A fire-rated, and carnes a 40-year warranty.	Free								~		illiante.	,			
Johnson Clapboard Mill at Sky Lodge Farm 413-259-1271; Fax: Same as phone 134 Wendell Road Shutesbury, MA 01072	Manufactures an all-heartwood vertical-grain shingle in Eastern white pine for preservation work.	Free		~								White oak, white pine	in en			
Liberty Cedar 800-882-3327; Fax: 401-789-0320 www.libertycedar.com West Kingston, RI 02892	Decay-resistant wood roofing and siding in Western red cedar and Alaska yellow cedar, all sizes and grades; specializing in historic projects, any size, shape, or species.	Free Write in No. 6530	~	V	V	V	~	~	~		1	Red cedar, white cedar, cypress, yellow cedar	V		~	
Safari Thatch & Bamboo 954-564-0059; Fax: 954-564-7431 www.safarithatch.com Fort Lauderdale, FL 33305	All tropical- and jungle-theming materials, including thatch bamboo, rustic bamboo and eucalyptus fencing, exotic timber, int/ext. foliage. Also, ready-to-assemble thatch and bamboo kiosks, pavilions, trellises, fences, and more.	Free Write in No. 621							~							
Shamokin Trail Shingle Co. 814-583-5342; Fax: 814-583-5342 P.O. Box 122 Luthersburg, PA 15848	Quarter-sawn and hand-split Northern white oak shingles 18 in. long butts 1/2 to 3/4 in. Custom sizing, fancy butts. Hand-rived and trimmed, double-tapered, trimmed shakes; hand-rived horizontal roof dapboard.	Free	~	~	~	~				10-	Garley, Francisco	White oak	ine man			
Tarheel Shingle Mill 336-294-5799; Fax: 336-297-4583 207 Wedgewood Dr. Jamestoan, NC 27282	Source of white oak hand-split shakes; Western red cedar custom-cut tapersawn shakes; Victorian-style fancy-cut butt shingles, custom-cut.	Free Write in No. 131	~		,	V					0.00	White oak, Western red cedar	Lór	Uni	la Co	
Teal Cedar Products 604-587-8700; Fax: 604-581-4104 www.tealcedar.com Blaine, WA 98231	Manufacturer of Western red cedar shakes and shingles, both modern and heritage products, for roofing and siding. Also, remanufactured shingles, classic-butt shingles.	Free Write in No. 546		~		~						Red cedar	n Tur			

WOOD ROOFING PORTFOLIO

For full contact information on these companies, see the SourceList above.



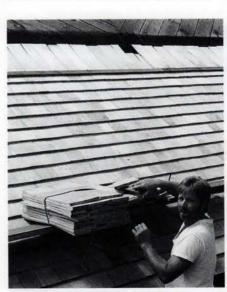
Steam-bent cedar shingles from C&H ROOFING were arranged to create different geometric designs in the overall pattern of this simulated-thatch roof. Write in No. 7240



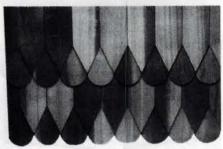
This mall is roofed with the line of sawn shakes, or "Imperials," from AMARANT WOOD PRODUCTS.



The Rain Forest Entrance Building at the Ft. Wayne Childrens Zoo in Indiana sports a thatch roof from SAFARI THATCH & BAMBOO. Write in No. 621



This worker is applying LIBERTY CEDAR's Alaska yellow cedar tapersawn shakes with a cedar breather underlayment over solid-pineboard sheathing. Write in No. 6530



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SPECIFYING SKYLIGHTS IN COMMERCIAL APPLICATIONS

Whether designing a traditional glazed-copper box or a modern aluminum-framed barrelvault style, it takes an expert to design a skylight that lets light in and keeps water out.

by James R. Marshall

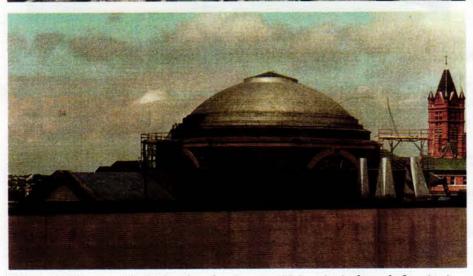
he term "skylight" covers a remarkably wide range of architectural elements, periods, and styles — from simple metal-framed glass boxes or sheets to expansive spaces topped by curved-glass barrel vaults, to elaborate stained-glass domes, often protected by a second exterior plain-glass structure.

The factors the specifier must take into account depend very much on the type of skylight being considered. As always, it pays to make sure you're dealing with a supplier who has plenty of experience and know-how in making and/or installing skylights. For some hints, we talked to three major supplier/contractors who among them cover the whole range of configurations.

Reflection Studios of Emeryville, Calif., just across the Bay Bridge from San Francisco, specializes in what owner Allen Dragge calls "custom leaded- and stained-glass ceilings." It's important to call them "ceilings" rather than "skylights," he stresses, because skylights are subject to building codes that require them to sustain the weight of a firefighter. Accordingly, his company's installations usually include a second, protective glass structure on top, which meets this code. And, perhaps reflecting the proximity of its home office to the San Andreas Fault, Reflection Studios has also developed a proprietary earthquake restraint that "hangs" the ceiling. Unlike most hung ceilings in which, according to Dragge, the glass panes are floating, Reflection Studios' design attaches the glass to the frame, which is then itself suspended across the span. Two of these







This conical dome on Hendricks Chapel at Syracuse University is shown before (top) and after restoration by Charles River Restoration. Asphalt covers the ribs, cracked glass and skirt flashing. Architect: Holmes-King-Kallquist & Associates.



This covered walkway in the Mobil Chemical building in Edison, N.J., features a frame by J. Sussman, Inc. Contractor: Union County Plate Glass (Photo: Wolfgang Hoyt/ESTO)

designs survived the North Ridge earthquake, and eight of them made it through the Loma Prieta quake in San Francisco.

To use this type of glass-ceiling design or to restore an old one, Dragge advises, the architect needs to consider several factors:

- Access from above at first for construction, and then for cleaning and maintenance.
 Pack lighting for the class coiling indirect or ambient light is best; care
- Back lighting for the glass ceiling indirect or ambient light is best; care should be taken to avoid hot spots.
- Selection of the exterior protective glass which should be diffused to avoid direct sun and shadow; for the same reason, the metal structural elements should be painted white.
- Size of the glass panels they must be small enough for easy handling and strength. Dragge cites his company's recent restoration of the 18-ft.-diameter dome on the Washoe County Courthouse in Reno, Nev., a National Historic Landmark. The original design was with 5-ft.-x-6-ft. pie-shaped panes floating on the ribs hard to maneuver and too large for safe suspension. The company reconfigured these old panes into three pieces each, small enough to be handled safely and to be borne comfortably by a new frame.
- Ventilation without it, the space between the outer and inner glass becomes a very hot greenhouse. There must be ventilation with cool makeup air, either via a fan or through a passive gravity ventilator. If the system is passive, the design must ensure a supply of cool makeup air.

Dragge has seen many horror stories from Turn-of-the-Century installations where stained-glass ceilings were poorly vented. In the best of these old installations, he notes, the stained-glass panels rest on the attic floor with a clear space above; in the worst, the stained glass is plugged in right under the skylight

continued on page 43

are usually recommended, because the tannic acid in cedar will corrode other metals. A similar chemical reaction will prevent copper from developing its protective green patina, so lead-coated copper is a better choice for flashing.

As far as performance is concerned, properly installed shakes and shingles are more or less interchangeable. The former are hand- or machinesplit, with a rougher surface, while the latter are trimmed, for a neater, more formal look. Either way, they're likely to be expensive. Expressing their quotes in squares (the roofer's term for 100 sq.ft.), sources for this story gave starting prices in the \$350-\$500 range. Calling for specialized cuts or wood grade, or complicated architecture, will send those numbers, you guessed it, through the roof. "There's a geometric progression of costs," says Cooke.

Once the shingles are up, constant attention will keep them there. Roofing that was treated with fire retardants will need regular applications of a topical fungicide. Sunlight cuts down on microbial growth, but also dries out wood fibers, inviting decay; ask your supplier to recommend a preservative that will replace the oils lost in weathering and provide protection against UV rays. Beyond that, good housekeeping is critical. If debris is allowed to pile up, moss and mildew will set in. "Keep leaves off the roof," says Goss, "especially in valleys, where they accumulate. Unless you live in the southern hemisphere, the north side will usually have more algae." Cooke recommends power washing by a professional wood-treatment specialist every three to five years, followed by two coats of preservatives, which contain fungicides and mildewcide. "Wood roofs, properly maintained, are historically proven to last 50-60 years," he says.

The Real Thing

"I grew up eating, breathing, sleeping thatch materials," says Wight. "I was even married under a thatch roof." Now he wants other people to enjoy that experience. Safari's palm leaves are harvested locally in Florida; the grasses and reeds, imported from plantations in Asia and Africa, are pre-vacuumpressure-treated with antimicrobial preservatives and a fire retardant. Then the roofing is installed at a 45-degree pitch on a framework of pressuretreated eucalyptus pole rafters and battens spaced at 9 to 10 in. The ridging, however, is made of specially dried

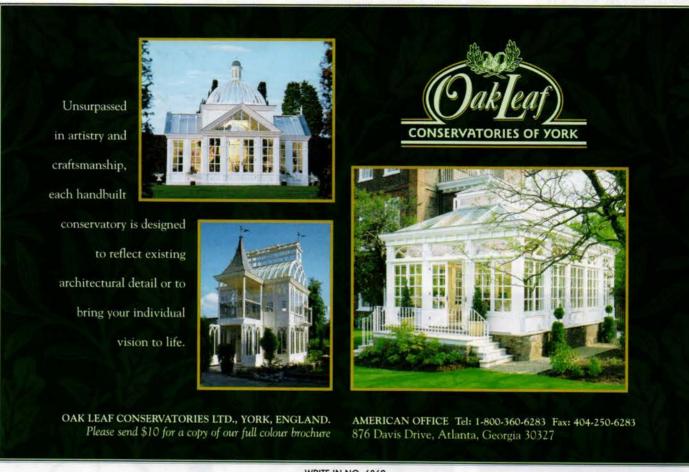
During construction, workers pass needle and twine through the 8-in. layer of thatch, simultaneously pummeling the thatching from above and below for maximum compaction. The finished product is so tight that "squirrels and birds can't pull pieces out or burrow in," notes Wight. About 12 to 18 months later, after the grasses have shifted and shrunk a bit, the ties need to be readjusted, and an intumescent fire retardant should be applied. To maintain the tropical ambiance, mechanicals can be threaded through the ridging.

Crafted at about \$45 to \$55 per surface square foot, Safari's roofs are cool in hot climates, and resistant to high winds. A recent test had the material surviving both updraft and downdraft windloads exceeding 200 mph. In ideal environments — where the weather is either dry or extremely cold — properly maintained thatching can last 25 to 35 years. Predictably, its expected lifespan is shorter in humid regions. As with wooden roofing, it's important to keep thatch dry and free of debris; the steep pitch is designed to prevent water from pooling on the surface.

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For full contact information on these companies, see the SourceList above.



Major Industries 715-842-4616; Fax: 715-848-3336 www.majorskylights.com Wausau, WI 54401

Oak Leaf Conservatories 800-360-6283; Fax: 404-250-6283 876 Davis Drive Atlanta, GA 30327

Reflection Studios, Inc. 510-652-4884; Fax: 510-658-6138 1418 62nd Street Emeryville, CA 94608

Vulcan Supply Corp. 802-893-0512; Fax: 802-893-0534 P.O. Box 100 Westford, VT 05494

This skylight for the Bowling Green subway station in New York City is the handiwork of FIORE SKYLIGHTS.



REFLECTION STUDIOS restored the spectacular domed art-glass skylight of the San Mateo County Courthouse. Write in No. 7950



Manufacturer of a full line of skylights and translucent insulated wall panels. Skylights can be glazed in glass, acrylic, polycarbonate twinwall or translucent fiberglass. Thermoformed acrylic domes include exotic pyramids & more.

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GLASS HOUSE custom-fabricated this specialty skylight/glass-roof system as part of a unique kitchen renovation. Write in No. 1870



CHARLES RIVER RESTORATION produces vented skylights as well as the more familiar hip-style and sloped-roof designs. Write in No. 1348



A barrel-vault skylight from J. SUSS-MAN casts light onto the interior of New Jersey's Point Pleasant Hospital. Write in No. 4850



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Double-pane glass domes and domed conservatories are two specialties of OAK LEAF CONSERVATORIES. Write in No. 6860



A dramatic effect is created by this specially designed domed skylight from FOUR SEASONS SUNROOMS.

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For_ ADS from this THE REPRINT DEPT.



WRITE IN NO. 1870

FOR EASY ACCESS TO FILL OUT THE ENCLOSED POSTCARD OR USE THE COUPON ON PAGE 214.

SKYLIGHTS, continued on page 40

Reflection Studios has been in business for 29 years, and has a 9,000-sq.ft. studio. It does a great deal of restoration work, Dragge notes, in which all the original glass is preserved and reused, edge-glued with an epoxy, Hextl, if necessary. Among recent projects for new construction is a reproduction of the dome that graced the grand staircase on the Titanic - not just one, but three, once full scale and twice 1/4 scale. They are installed in an ultra-high-end mountain residence.

J. Sussman, Inc., of Jamaica, Queens, N.Y., got its start in 1906 as a manufacturer of church windows under the direction of the grandfather of its current Vice President, David Sussman. From there, it was a natural evolution to skylights, according to Sussman. Today, in addition to church windows and sunrooms, the company supplies all custom-made skylights to glazing contractors, and offers advice and assistance on shop drawings and installations. It also does custom bending of glass and metal (aluminum and aluminum alloy) structural elements. Sussman specializes in big barrel-vault bent-glass installations with aluminum framing, reinforced with steel if necessary. The company also does restoration projects, such as the rebuilt Jamaica Market near its home base in Queens.

Cautions advanced for the specifier and architect by David Sussman in-

- Keep room comfort in mind that is, don't use too much glass, and use the right kind of glass (e.g., reflective, Low-E or coated, with appropriate R value).
- Make sure the structure is sound, both the skylight and its support, and take into account snow and wind loadings where appropriate.

 Pay attention to air and water leakage. Leakage at the glass-to-frame or roof-to-skylight connection is the most common complaint about skylights.

Most Sussman designs are non-opening; skylights that open are much more complex, according to Sussman. The company does supply a bi-folding skylight for pools and solaria.

Finally, Charles River Restoration of Hopkinton, Mass., provides restoration work, primarily for residences but also for some larger non-residential projects, typically older commercial buildings. The company specializes in traditional box-type glazed sheet-copper skylights, which were very common in the late-19th and early-20th century, especially on flat-roof buildings. For smaller units, the frame is all copper; for larger ones, there may also be an interior steel component, possibly ternecoated steel. Charles River never uses aluminum. The company does fabrication and some consulting and local installation work. Its units are shipped all

According to owner Peter Hosmer, the key to successful skylight restoration, particularly of large historic skylights, is to make sure the basic superstructure is sound. This means stripping, repairing, and repainting steel elements and possibly installing new top rails. It's also important to look at the surrounding roof structure, including



This curved skylight in Point Pleasant Hospital, N.J., features aluminum-framed glass curved by J. Sussman, Inc. Architect: Ferrenz & Taylor, Inc.

such features as built-in copper gutter systems.

Recent non-residential projects by Charles River include a conical dome on Hendricks Chapel at Syracuse University, a hipped-design skylight for the old Fox theater in Atlanta, and a round dome on the First United Methodist Church in Paris, Tex. All of these buildings are close to 100 years old. ■

STOPPING SLIDING SNOW

or centuries, Europeans struggled with the problem of keeping accumulated snow from sliding off of sloped roofs. Early avalanche-prevention systems, such as placing rocks or wooden members on the roof, invariably proved unreliable — and when they gave way, some really dangerous surprises were added to the mix of rooftop snow and ice. The early-19th century saw the development of the still-popular metal pad-style snow guards, with the wire-loop design following not long after.

Today, this field has expanded to include pipe-style snow guards, along with a range of attachment methods, including adhesives, screws, and various clamping or hooking techniques. Some people want their snow guards to be as unobtrusive as possible, and many designs are simple and streamlined; others enjoy snow guards for their decorative possibilities as much as for their functionality, and hunt for ornamented designs. Whatever your snow-guard requirements, the *SourceList* below will lead you to a respected supplier. ■

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SNOW	OITION GUAR	AL BUILDIN DS Sources	NG List
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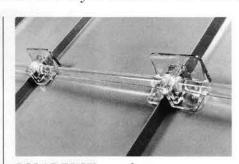
				SNOW	V GU	AR	DS			RC	OF	TYP	ES		FA	STE	INI	NG I	METHO
COMPANY	SPECIALTY	Literature	Pad Style	Ornamental Cast-Metal Pad Style	Pipe Type	Wire Loop	Other	Metal	Slate	Tile	Wood Shingle	Asphalt Shingle	Membrane	Other	Clamp-On	Hook-On	Screw-Down	Adhesive	Other
Alpine Snowguards 888-766-4273; Fax: 888-766-9994 www.alpinesnowguards.com Stowe, VT 05672	Snow guards for slate and metal roofs. Copper pad-style and brass or aluminum pipe-style snowguards are attractive, functional, easy to install, and reasonably priced. Free advice and layout patterns for avalanching snow problems.	Free Write in No. 145	~	V	,	V	Custom	v	v	v	~	v	~		v	v	V	v	Set screw attachment i standing-sear metal
derger Bros. Co. 200-523-8852; Fax: 215-355-7738 www.bergerbros.com easterville, PA 19053	Manufacturer of commercial and residential roof-drainage systems. New line of copper comices. Line of snow guards includes F-Rail snow-retention system, the only one that protects roof below the standing seam.	Free Write in No. 2532	v	~	~	~	Surface mounted	~	~	~	~	v			v	V	,	v	
Gough & Bros. SnoGuards '08-485-6272; Fax: 708-485-6273 www.snoguard.com Brookfield, IL 60513	Firm supplies architectural copper work and slate, tile, and copper roofing. Snow guards a specialty; manufactures the original copper Cody snow guard.	Free Write in No. 2612	,					v	~	v		v							
T Products, Inc. 16-625-1870; Fax: 516-625-1226 ww.gtechproducts.com lineola, NY 11501	Snow guards (two-pipe, three-pipe, and Gothic style); Spanish-tile snow guards; snow guards for slate and metal roofs. Other roofing specialties include slate cutters, rippers, and hammers.	Free Write in No. 1026		~	V			v	V	~	~	v					V		
filltop Slate, Inc. 518-642-2270; Fax: 518-642-1220 www.hilltopslate.com Middle Granville, NY 12849	New York-Vermont natural roofing slate and flagstones in all colors, textures, sizes; semi-weathering and unfading shades. Specialists in color matching and roofing slate for restoration. Traditional slate-roofing tools available.	Free Write in No. 9950	v						~										
A.J. Mullane Co., Inc. 178-568-0597; Fax: 978-568-9227 ww.bronzeguard.com ludson, MA 01749	Snow guards available for all roof types; fabricated in bronze and copper, historically-accurate guards for restoration work. Also, cast-bronze pipe rail brackets for fence-type snow-retention systems.	Free Write in No. 560	v	~	V			v	V	V	~			All steep- roof applications		V		v	
NIKO Contracting Co. 12-687-1517; Fax: 412-687-7969 www.nikocontracting.com Pittsburgh, PA 15213	Nationwide roofing and sheetmetal contractor has extensive experience in historic-restoration projects: custom architectural sheetmetal work, artificial patination of copper, standing-seam, slate, tile, and other historic roofing.	Free Write in No. 8300	v					V	V		~	V				V	~		Solder
Polar Blox, Inc. 300-298-4328; Fax: 814-629-9090 www.polarblox.com Hollsopple, PA 15935	Snow guards manufactured in UY-stabilized polycarbonate; adhesive- or screw-mount; available clear or in an array of colors, including custom colors.	Free Write in No. 2727	v		V			V	V	V	V	~	v		v		V	v	
clate and Copper Sales Co. 814-455-7430; Fax: 814-455-7823 www.slateandcopper.com rrie, PA 16507	Firm supplies half-round and K-style gutter systems, ridge cresting finials, cupolas, dormers, dormer vents, gutter and downspout brackets, copper conductor boxes (leader heads), slate-roofing materials new and salvaged, and more.	Free Write in No. 8159	v	~	~	~	Any style	v	V	~				All high- end cus- tom grafts- manship		~	~	~	
now Management Systems 02-888-7100; Fax: 802-888-7021 ww.snowmanagement.com Iorrisville, VT 05661	Snow guards that complement various roof systems and architectural styles, available from standard line or custom-designed to your specs at a very reasonable price. Color matching available.	Free Write in No. 28			~		Custom	V	V	~	~	~	v	3	~		,		Patented no penetrating attachment system for standing-sea

SNOW GUARDS PORTFOLIO

For full contact information on these companies, see the SourceList above.



ALPINE SNOWGUARDS' wire-loop snow guard allows for a retrofit application on all roofs. Write in No. 145



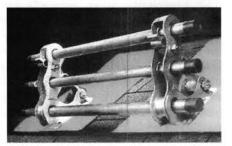
POLAR BLOX manufactures snow guards in UV-stabilized polycarbonate, which are available either clear, as shown here, or in a range of colors, including custom hues. Write in No. 2727



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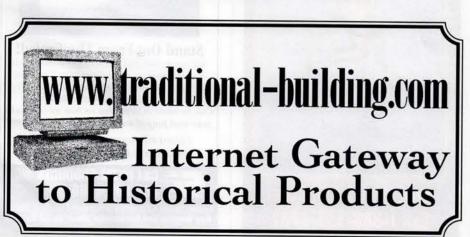


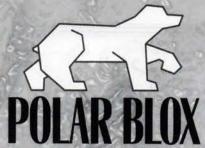
We have custom designed Snowguards in our tradition of quality craftsmanship in order that you may protect your investment. Displayed above are a metal replicated clay tile with Snowguard for a tile roof application, and our traditional two-pipe bracket, for a vertical standing seam metal roof. We are happy to discuss your specific or custom requirements.

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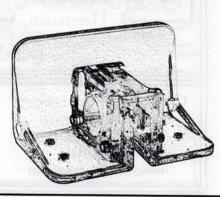
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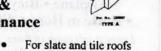


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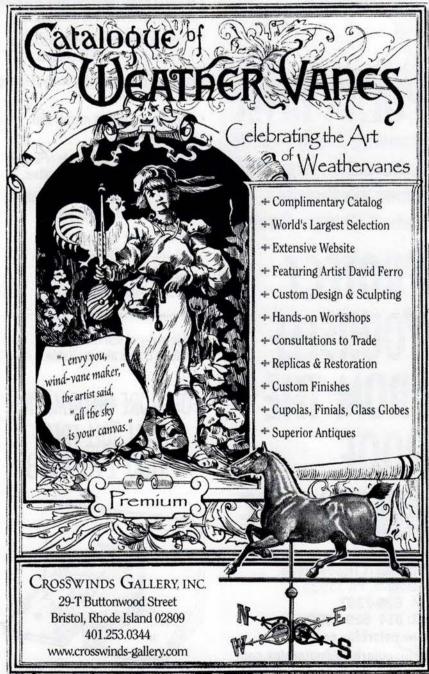
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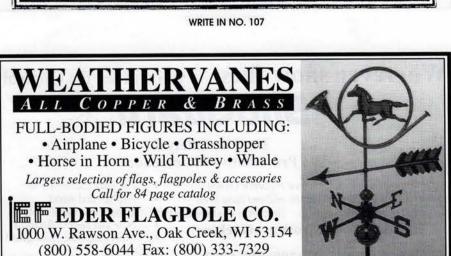
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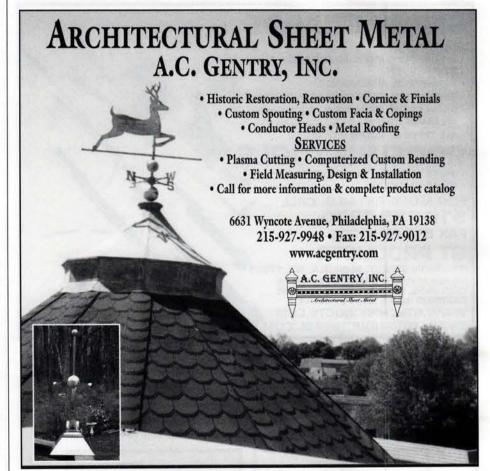
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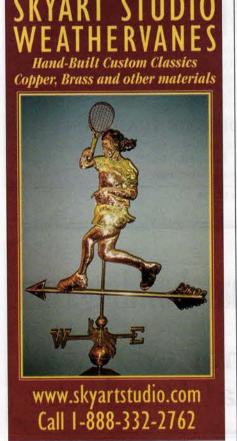
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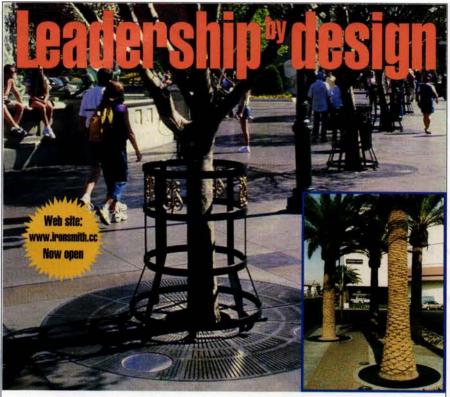
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SourceList 48-50 Portfolio..... 49-50

CROWNING GLORIES

ith so much thought and effort expended on the design and installation of roofs, it's easy to regard the roofline as the final expression of a building's character. But as the SourceList starting on page 48 reveals, a finished roof is really yet another architectural vista that calls out for definition. The busy field of rooftop ornament principally, weathervanes, finials, and cresting — is more lively and ramified than ever. Weathervane design today seems limited only by the client's imagination, thanks to the emergence of numerous custom weathervane makers. And

while finials and cresting have yet to enjoy the radical freedoms bestowed on weathervanes — there still are no examples of dinosaur-shaped finials, say, or dolphin-inspired cresting — these time-honored examples of roofline art are also enjoying a revival, and can be found not just in metal but also in such durable materials as cast stone or polyurethane. The hard job in roof ornamentation is no longer finding a supplier; it's settling on a specific look from all the endless possibilities. Once that choice has been made, all you'll need is our SourceList for the location of a supplier that can meet your specifications.



Las Vegas hotels increase walkway real estate with pedestrian proof tree grates.

A number of Nevada and Atlantic City casinos and hotels have chosen tree grates from Ironsmith, not just for good looks and pedestrian safety... but to allow for larger buildings, by integrating trees into pedestrian traffic areas. The Starburst grates, above are shown at The Paris and The Stratosphere hotels in Las Vegas. Starburst is just one of more than a dozen A.D.A. compliant Ironsmith tree grates. They're still

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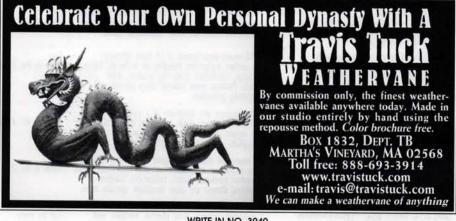




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	711,7,27,2		Full-Bodied	Swell-Bodied	Silhouettes		Is	ing	las	Lightning Rods		er	Aluminum	Iron/Steel		Installation	
COMPANY	SPECIALTY	Literature	Full-	Swell	Silho	Other	Finials	Cresting	Cupolas	Light	Other	Copper	Alum	Iron/	Other	Inst	Custom
A.C. Gentry Co. 215-927-9948; Fax: 215-927-9012 3631 Wyncate Avenue Philadelphia, PA 19138	Finials, cornices, weathervanes, cupolas, and custom metal fabrication; metal roofing and roof restoration. Materials include aluminum, copper, and galvanized.	Free Write in No. 9040					~		~			~	~	~	April	~	100%
dornments For Architecture 345-889-8390; Fax: 845-889-8350 348 Hollow Road 5taatsburg, NY 12580	Ornamental metalwork for interior or exterior: finials, weathervanes, cresting, lightning rods, windmills, and other ornament in cast aluminum, bronze, FRP, and sheetmetal. Design collaboration, pattern, and modelmaking.	Free	V	V	~	Special requests	~	~	V	V		V	V	v	Brass, bronze		100%
Allen Architectural Metals, Inc. 800-204-3858; Fax: 256-761-1967 www.allenmetals.com Falladega, AL 35161	Custom ornamental metal castings, including cupolas and spires; new work and replications of historical styles; available in cast and ductile iron and alloys, including aluminum and bronze.	Free Write in No. 1005					~	V	V	~	Spires		v	~	Bronze		95%
llen Cupolas 10-584-8100; Fax: 610-584-5226 520 Whitehall Road Norristown, PA 19403	Complete selection of cupolas from red cedar, redwood, poplar, or primered white pine; 4-, 6-, or 8-sided wood or metal cupolas with pagoda, bell, or hip roofs in copper, brass, or aluminum; can be wired for lights.	Free Write in No. 790	V						~			v	v		Brass, wood		100%
Architectural Accents 540-943-5888; Fax: Same as phone www.cupolaconstruction.com Waynesboro, VA 22980	A small shop specializing in custom cupolas, belfries, and steeples design and quotes; delivery nationwide. Also, wood screen doors and wood screen storm windows.	Free Write in No. 5032							v		Belfries, steeples						40%
Architectural Facades Unlimited 408-846-5350; Fax: 408-846-6911 archifacades.ebb.net Gilroy, CA 95020	Interior/exterior precast architectural ornament, On- site, full-service drawings, patterning, moldmaking, casting of columns, balustrades, cornices, mantels, finials, & fountains. Cement, plaster, GFRC, GFRG; available in 15 standard colors.	Free Write in No. 1470					~				Cornices				Cast stone		30%
Architectural Fiberglass Corp. 800-439-2000; Fax: 631-842-4790 www.AFCornice.com Copiague, NY 11726	Reproduction of original ornamentation, or replacement from a large selection of stock styles and sizes; lightweight, easy-in-install FRP; molded-in colors and texture; dass-1 fire-retardant material. Email: sales @ AFCornice.com.	Free Write in No. 6400					v		,		Cornices				FRP		75%
Artist in Iron 732-560-8199; Fax: Same as phone www.artistiniron.com Liberty Corner, NJ 07938	Blacksmith artist specializes in the design and production of custom-forged bronze and wrought-iron masterpiece locks, hardware, accents, lighting, and architectural work; for high-end residential needs.	Free Call for more information	V	v	v	Custom	~	V		~				~	Forged bronze		90%
Bar Harbor Weathervanes & Cupolas 800-255-5025; Fax: 207-667-3784 852 Bar Harbor Road Frenton, ME 04605	Since 1969, firm has produced hand-crafted cupolas and weathervanes.	Free Write in No. 3161	v	v	,		~					~					100%
Berger Bros. Co. 800-523-8852; Fax: 215-355-7738 www.bergerbros.com Feasterville, PA 19053	Manufacturer of commercial and residential roof- drainage systems. New line of copper cornices. Line of snow guards includes F-Rail snow-retention system, the only one that protects roof below the standing seam.	Free Write in No. 2532					~		V	V	Snow guards, rainwater conductors, spires, flashing	~	~	V			%
Bubba's Anvil Works 423-334-3233; Fax: 423-334-4620 P.O. Box 392 Decatur, TN 37322	Custom metalwork in iron, chrome, stainless steel, brass, copper, bronze, and old, distressed iron. Handforged metal art, fabricating, antique restorations, and custom pieces, all created to spec. Custom design services, finishes.	Free Write in No. 3024			V		~	v	V			v	~	V	Brass, bronze, chrome	~	95%
C&J Metal Products 800-500-8660; Fax: 562-634-8823 www.cjmetals.com Long Beach, CA 90805	Fabricator of custom architectural sheetmetal products, specializing in roof dormer vents; also, finials, spires, dormers, canopies, leaderheads, and chimney tops. Restoration and duplication of sheetmetal elements.	Free Write in No. 596					V				Spires, dormers, canopies, leaderheads, chimney tops	V					95%
Cantera Especial 800-564-8608; Fax: 818-907-0343 www.cantera-especial.com Pacific Palisades, CA 90272	Machine- & hand-carved products made from Cantera & Adoquin stone, limestone, & sandstone quarried from Mexico & Europe: fountains, fireplace surrounds, columns, finials, sculpture, table bases, vanities, pavers, urns, planters, custom work.	Free Write in No. 31					~								GFRC, cast stone, natural stone		100%
Classic Architectural Specialties 800-662-1221; Fax: 972-552-9054 www.casdesign.com Forney, TX 75126	Full-service supplier of architectural components, furnishing complete packages for period commercial extenors, from millwork to street lighting.	Free Write in No. 4200	v	~	v		~				- 4				Polyurethane		50%
Copper House 800-281-9798; Fax: 603-736-4921 www.thecopperhouse.com Epsom, NH 03234	Standard post and street lights plus custom available. Solid copper or brass (no plated metal) made in New Hampshire.	Literature \$4; deductible from order Call for more information	V	~	v		V					V					5%
Crosswinds Gallery 401-253-0344; Fax: 401-253-2830 www.netvanes.com Bristol, RI 02809	Weathervanes in all materials & prices. Custom design & crafting, several stock designs. Restoration & replicas. Also, gilding, patination, finials, cupolas, turrret caps, antique lightning rods. Weathervanemaking tools & books.	Free Write in No. 107	v	~	v	Arrows, bannerettes, antique vanes	~		,	V	Turret caps, glass balls, installation hardware	V	~	V	Brass, bronze, wood, stainless, glass, gold leaf	64	50%
David Kucera, Inc. 845-255-1044; Fax: 845-255-1597 39 Steves Lane Gardiner, NY 12525	Architectural-sculpture service with expertise in historic- landmark restoration, new construction (commercial & residential), color matching & fine detail work. Site surveys, drafting & engineering services, field support available.	Free Write in No. 2517							,		Comices				GFRC		100%
Durable Slate Co. 800-666-7445; Fax: 614-299-7100 www.durableslate.com Columbus, OH 43201	Fabricates and installs accurate replications of historic metalwork or custom designs, including weathervanes, pinnacles, finials, and other ornamental details.	Free Write in No. 3720	V	,	v	Custom	,	~	V			~		V		v	95%
East Coast Lightning Equipment 860-379-9072; Fax: 860-379-2046 www.eastcoastlightning.com Winsted, CT 06098	Full-service manufacturer of UL-listed lightning- protection equipment, including air terminals, fittings, clamps, conductors, grounding products, finials, glass balls. Products meet national safety standards for lightning protection.	Free Write in No. 2450					~	(-		V							10%
Eder Flagpole Co. 800-558-6044; Fax: 414-764-1039 www.ederflag.com Oak Creek, WI 53154	Manufacturer and distributor of a wide selection of weathervanes and finials, stock and custom fabrication, in copper, aluminum, iron, and brass. Also, roof-mount flagpoles in aluminum, fiberglass, steel, and wood.	Free Write in No. 4290	V	~	,	Custom	~	F				~	-	-	Brass		5%
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Florentine Craftsmen 800-876-3567; Fax: 718-937-9858 www.florentinecraftsmen.com Long Island City, NY 11101	Garden ornaments, fountains (freestanding and wall-mounted), statuary, urns, planters, furniture, and accessories in lead, aluminum, iron, stone, and bronze. Also, weathervanes. Custom work a specialty.	Free Call for more information	V	,	~		~					~			Brass		50%
Heather & Little, Ltd. 800-450-0659; Fax: 416-465-2962 www.heatherandlittle.com Toronto, ON, CANADA M4L 2R8	Firm performs every aspect of sheetmetal roofing and specialty architectural sheetmetal, including reproductions and stampings.	Free Write in No. 2470					~	~	Š		Gargoyles, lionheads, cartouches	,	,	•	Sheetmetal, lead, zinc		100%
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, comices, railings, fences, newels, planters, finials, street furnishings, and fountains cast in bronze, aluminum, or iron. Restoration and custom work.	Free Write in No. 1210	/	-	V		-	-	ĸ		Bannerettes, terminals, acroterions		V		Bronze	V	100%

WEATHERVANES, FINIALS & CRESTING PORTFOLIO

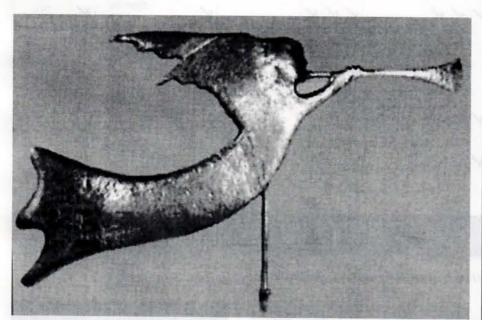
For full contact information on these companies, consult the SourceList on pp. 48 e3 50.



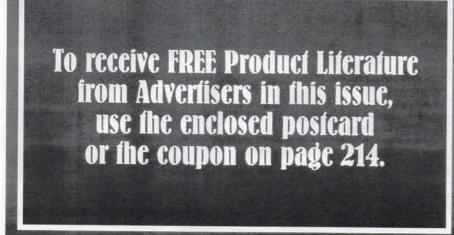
Architectural sheetmetal elements from C&J METAL PRODUCTS include cupolas, gutters and leaders, dormer vents, and finials. Write in No. 596



This custom weather vane by TRAVIS TUCK, entitled "The Mouse's Share," depicts two vintners at work while a little mouse enjoys the fruits of their labors. Write in No. 5940



COPPER HOUSE offers the handmade "Gabriel" weathervane, #G-15, which measures 15 in. tall by 32 in. long. Call 800-281-9798 for information





This full-bodied osprey weathervane was hand-crafted by David Ferro of CROSSWINDS GALLERY. Write in No. 107



A.C. GENTRY forms and installs all types of metal cornice finials and conductor boxes, and can match existing brackets and finials — as with this job for Philadelphia Housing Development.

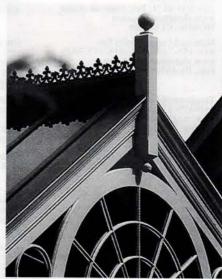
Write in No. 9040



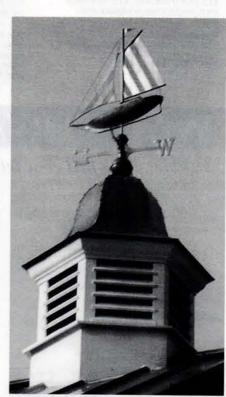
SKYART STUDIO re-created this J.W. Fiske classic weathervane using copper, brass, stainless and gilded accents. Write in No. 74



This 10-ft.-tall copper weathervane from ADORNMENTS FOR ARCHITEC-TURE features an 1880 fireman's helmet on its peak.



TANGLEWOOD CONSERVATO-RIES designs and hand-crafts glass enclosures that are richly detailed, right down to their crowning finials and cresting. Write in No. 8270

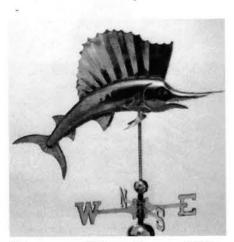


ALLEN CUPOLAS supplies weathervanes, such as this sailboat model, as well as its line of quality cupolas. Write in No. 790

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COMPANY	SPECIALTY	Literature	Full-Bodied	Swell-Bodied	Silhouettes	Other	Finials	Cresting	Cupolas	Lightning Rods	Other	Copper	Aluminum	Iron/Steel	Other	Installation	Custom
Indital, USA 800-772-4706; Fax: 713-694-2055 www.indital.com Houston, TX 77018	Over 8,500 Italian-designed architectural steel forgings: signature rosettes, baroque leaves, spears, handrails, and a full array of pickets that can be fabricated to create staircases, balconies, railings, partitions, fences, etc.	Free Write in No. 6560					V							v			15%
Kayne & Son Custom Hardware 828-667-8868; Fax: 828-665-8303 www.brwm.org/kayneandsoncustomhardwa reinc Candler, NC 28715		Free Call for more information				Custom								v	Bronze		80%
Lynch & Sons, Inc. 203-762-8363; Fax: 203-762-2999 www.klynchandsons.com Wilton, CT 06897	Top-of-the-line fabricators with an extensive catalog of fountain designs, garden ornament, site furniture (including full park-bench manufacturing capabilities), weathervanes, linials, and gazebos. Custom capabilities.	Free Call for more information	v	V	~	Custom	~					v	~	v	Stainless steel		10%
New Concept Louvers 800-635-6448; Fax: 801-489-0606 www.newconceptlouvers.com 8pringville, UT 84663	Custom manufacturer of finials, spires, and turret caps in copper. Full line of stock full-size weathervanes. Fabricator of stock and custom cupolas made from aluminum; 450 colors, maintenance-free.	Free	v		~		V		v	~		V	v				25%
NIKO Contracting Co. 412-687-1517; Fax: 412-687-7969 www.nikocontracting.com Pittsburgh, PA 15213	Nationwide roofing and sheetmetal contractor has extensive experience in historic-restoration projects: custom architectural sheetmetal work, artificial patination of copper, standing-seam, slate, tile, and other historic roofing.	Free Write in No. 8300	v				~	v	v		Cartouches, comices	,	~	V	Sheetmetal		100%
Robinson Iron Corp. 800-824-2157; Fax: 256-329-8960 www.robinsoniron.com Alexander City, AL 35011	Historic reproductions of classic Victorian lawn and garden ornament in bronze, aluminum, or iron. Custom casting available.	Free Write in No. 3240						V		F			v	,	Bronze		75%
Seal Reinforced Fiberglass, Inc. 631-842-2230; Fax: 631-842-2276 23 Bethpage Road Copiague, NY 11726	Stock and custom garden pools, waterfalls, planters, and rock features. FRP building components, stock and custom cornices, cupolas, and brackets. Full-service mold and tool fabricators. On-site molds.	Free Write in No. 1353 for Cupolas, 4620 for Cornices							,	Ŝ	Cornices				FRP		90%
Sky Art Studios 203-630-9171; Fax: Same as phone www.skyartstudios.com Meriden, CT 06450	Studio produces sculpted weathervanes for a variety of applications.	Free Write in No. 74	~	~	~												%
Slate and Copper Sales Co. 814-455-7430; Fax: 814-455-7823 www.slateandcopper.com Erie, PA 16507	Firm supplies half-round and K-style gutter systems, ridge cresting, finials, cupolas, dormers, dormer vents, gutter and downspout brackets, copper conductor boxes (leader heads), slate-roofing materials new and salvaged, and more.	Free Write in No. 8159	V	V	V	All types	~	V	~	~	Gutters, leader boxes	V			Lead, lead- coated copper		%
Fanglewood Conservatories, Ltd. 410-479-4700; Fax: 410-479-4797 www.tanglewoodliving.com Denton, MD 21629	Authentic, hand-crafted English conservatories. Enchanting historical details, insulated glass, and multi- point brass hardware sympathetically blend in these architecturally distinctive, American-made, wood structures.	Free Write in No. 8270					~	V					V				75%
Tennessee Fabricating Co. 901-725-1548; Fax: 901-725-5954 www.tnfab.com Memphis, TN 38104	Wholesale supplier of cast and forged ornamental metal railing components and hardware.	Free Write in No. 5180					~							~			5%
Fravis Tuck, Metal Sculptor 888-693-3914; Fax: 508-693-3914 www.travistuck.com Vineyard Haven, MA 02568	Specializes in one-of-a-kind, full- and 3/4-bodied copper weathervanes of any design. All work done without molds, using the repousse method; 23k-gold leaf.	Free Write in No. 3940	~	V	V	3/4-body repousse					Sundials, sculpture	V					100%
Vulcan Supply Corp. 802-893-0512; Fax: 802-893-0534 P.O. Box 100 Westford, VT 05494	Specialist in replication of historic architectural sheetmetal ornamentation; custom and stock finials, weathervanes, cornices, vented ridge cresting, leader boxes, cupolas, roof vents, and more; all periods and styles.	Free Write in No. 7212	V	,	V	-	~	V	,			V			Lead-coated copper, zinc	~	75%
W.F. Norman Corp. 800-641-4038; Fax: 417-667-2708 P.O. Box 323 Nevada, MO 64772	Major fabricator of sheetmetal ornament; hundreds of stock designs of comices, moldings, brackets, pressedmetal ceilings, etc.; duplication from samples or drawings.	Free Write in No. 520					V	~							Sheetmetal		10%
Weathervane Sculpture 413-568-0548; Fax: 413-564-6028 www.weathervanesculpture.com Westfield, MA 01085	Freehand-hammered custom-made weathervanes and sculpture; one-of-a-kind or traditional reproductions; if you can imagine it, it can be made.	Free Write in No. 5043	V	V	V		~					~			Brass, leaded copper		100%
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	Free Write in No. 1223	~	~	~	Custom	~					~	~	~	Brass, bronze, stainless steel	~	100%

WEATHERVANES, FINIALS & CRESTING PORTFOLIO

For full contact information on these companies, consult the SourceList on pp. 48 & 50.



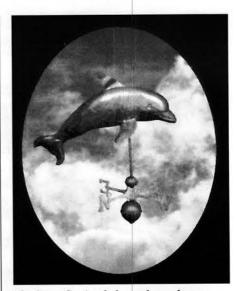
This copper sailfish weathervane, #517 from EDER FLAGPOLE, is shown here with brass directionals. Write in No. 4290



BAR HARBOR offers a range of standard weathervane designs as well as custom vanes, such as this jester. Write in No. 3161



WEATHERVANE SCULPTURE's Fiddler vane stands 36 in. tall and was free-hand hammered in copper with leaded-copper details. Write in No. 5043



The line of animal-themed weathervanes available from NEW CONCEPT LOU-VERS includes this delightful "Dolphin" model.

HOLER' BELUNDAULL & CUSINO?

t's fascinating to see the way the hospitality industry has embraced historic design; if not always in the strict academic sense, then in the copious use of old-world finishes, motifs, and traditionally styled elements. Casinos, for example, frequently evoke ancient exotic locales, such as Greece or Egypt, through the use of molded ornament, decorative-painting, faux finishes, columns, sculpture, and the like. Hotels, too, are turning increasingly to the canons of Classical architecture, making adjustments here and there to meet budgets, endure high traffic, and appeal to a wide range of tastes. The hospitality industry has definitely discovered that people enjoy being in historically influenced, traditionally styled surroundings.

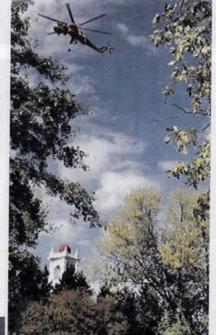
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RESTORING THE EIGHTH WONDER OF THE WORLD

As we know, well-maintained buildings can endure for decades. Conversely, even the most stable building will eventually fall into deep disrepair with neglect. Here's a story with a happy ending: A preservation organization teamed up with a corporate philanthropist to restore a major landmark hotel to its original grandeur.

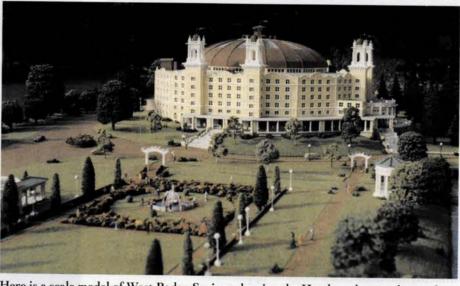
he magnificent 1902 Harrison Albright-designed West Baden Springs Hotel in Orange County, Ind., was notable first and foremost for its six-story atrium — the largest clear-span dome in the world (until the Astrodome was built in 1965). Other features that drew the rich and famous were a copious 700 bedrooms, natural mineral springs used for bathing and drinking, grounds that hosted professional baseball teams' spring training, golf, horseback riding, bowling, billiards, swimming, and hiking. The hotel also offered nightly theater, a bank, shops, a barber shop and beauty salon.

With the 1929 stockmarket crash, the luxury hotel fell on hard times. Over the next five decades ownership changed several times, but the most destructive period





A helicopter places the Hotel's re-created towers in an act called "Towering Finale." The removal of the towers in the late 1940s left the landmark with a clumsy silhouette. Historic photos provided architect George Ridgway with the basis for the design of the new towers. The weight of the towers required two lifts each by the helicopter — one for the base and one for the roof — in an operation that took less than three hours.



Here is a scale model of West Baden Springs showing the Hotel, sunken garden, and springs pavilions as restored. The model is displayed in a small museum in the former hotel.

was from 1983 to 1996 when an owner left the buildings idle and unattended — so much so that a portion of the outermost ring of rooms in this concentric-circle layout had collapsed.

Relief came in 1996 when Historic Landmarks Foundation of Indiana stepped up and purchased the property. The preservation organization enlisted the support and expertise of Bill and Gayle Cook, Southern Indiana industrialist/philanthropists with a preservation bent. Together, the two organizations joined forces to partially renovate the hotel (a \$35-million project value) with the hope of selling it to a buyer who would complete the restoration and put the splendid facility to new use.

Careful attention was paid to all aspects of the renovation, by architects, engineers, contractors, and landscapers to bring the hotel back, as closely as possible, to its original state. Conrad Schmitt Studios (CSS) of New Berlin, Wisc., was commissioned to restore the decorated surfaces in the main public areas on the hotel's first floor.

Most of the original decoration throughout the hotel had been painted out, so the CSS team's first task was to conduct an investigation into the original decorative scheme. The lobby, the atrium under the revolutionary 200-ft.-dia. freespan dome, and the elaborate dining room were areas addressed by the Studio.

continued on following page

Investigation began in the six-story atrium. A thorough study of the space, past experience, and historic photographs, helped the Studio determine where decoration, such as stenciling, gilding, and glazing had originally been applied. In these areas, layers of paint were carefully removed to expose the original decorated-paint layer. Design elements were then traced, and the types, colors, and applications of paint, glaze, and metal leaf were analyzed.

A significant portion of the atrium's decoration consisted of decorative bands that flanked the room's 24 columns. This decorative border was replicated on canvas (as a cost-saving measure), but otherwise looked just as the originals had been — a brown stencil background and a polychrome glazing technique that included hand-wiped highlights. The size of the atrium made this aspect of the restoration no small task: CSS artists produced three miles of hand-painted canvas! Other decorative work in the atrium included trompe l'oeil and figural work and repainting the ornamental-plaster elements, including capitals, plinths, and friezes. The enormous center rosette was restored, and its pendant was flash-gilded with two tones of bronze powder.



In the steel drum that forms the compression ring at the top of the dome, frescoes of angels and cherubs add enduring mystery to the site. The unsigned works, covered in years of graffiti, are accessible only by making a trip up an exterior ladder that curves with the dome roof, followed by a trip down a ladder into the steel drum — 100 feet above the atrium floor. An Indiana University art curator identified the frescoes as based on works by Fra Angelico. The dates of the earliest graffiti suggest that perhaps the frescoes are the creation of one of the Italian craftsmen who completed the artful renovation of the atrium that began in 1917.

Because of severely water-damaged plaster, the surfaces of the lobby and dining room both had, unfortunately, been completely lost before the arrival of the CSS team. This left only historic photographs and articles from which to glean information about their original appearance.

For the entry lobby, which also is a dramatic circular space, artists developed a decorative scheme based on archival photographs. They extrapolated a likely palette from the period to complement the colors of the atrium. Newly created stencils were applied, along with hand-highlighting.

Very little historic information was available regarding the dining room, so artists were asked to interpret the room in a decorative scheme appropriate to the period and to the rest of the building. Large stencil patterns were created for the ceiling, and two-tone gold accents were applied to the ornamental plaster. Stenciling was added to the barber-shop ceiling — a new surface that concealed structural-steel reinforcements. Here, artists took cues from extant tile, original to the space.

The restoration of the West Baden Springs Hotel remains a work-in-progress. Other areas of the property require additional work, as do elements of the elaborate landscaping. But a visit to the site explains its century-old nickname: "The Eighth Wonder of the World." ■

For complete contact information on Conrad Schmitt Studios, Inc., see the SourceList beginning on page 90. Cook Group can be contacted through its website at www.cookgroup.com. Historic Landmarks Foundation of Indiana's website is www.bistoriclandmarks.org or call (800) 450-4534 for more information. West Baden Springs National Historic Landmark offers tours year-round.







Top: The rich detail in the domed atrium includes elaborate plasterwork, painted and gilded by Conrad Schmitt Studios, as well as re-created wall paintings flanking each of the room's 24 columns and graceful balconies on floors four and six. Restored sconces on the marble piers beneath each column add romantic light to the space in the evening.

light to the space in the evening.

Middle: The restored lobby at West Baden Springs includes elements from all periods of the property's history. During the Jesuits' 30-year use of the property, the lobby was converted into a chapel, and angels were featured in the half-round stained-glass windows above the French doors. The windows had been stolen prior to Historic Landmarks Foundation's purchase of the property, but an alert volunteer spied one over a year later in a Louisville antique mall. Four of the original windows were recovered, and a donor funded the replication of the missing ones.

over a year later in a Louisville antique main. Four of the original windows were recovered, and funded the replication of the missing ones.

Above: West Baden Spring's claim to "Eighth Wonder" status rests on the grandeur and engineering of the free-span domed atrium — 100 ft. tall and 600 ft. in circumference. Early in the century, the indoor promenade and people-watching space was furnished with chairs and tables in informal groupings that allowed guests to relax, write letters, play cards and other games, all observable by guests in the five floors of rooms that overlooked the atrium through pairs of French doors. The space could seat 2,000 people for dinner.

THEATRICAL DELIGHT

The restored and expanded Coronado Theatre in Rockford, Ill., beckons patrons once again to experience its fantastical atmosphere.

Architect: Van Dijk Pace Westlake Architects, Cleveland, Ohio. Restoration Moldings: Architectural Polymers, Allentown, Pa. General Contractor: J.P. Cullen, Inc., Janesville, Wisc. Subcontractor: Cary Concrete, Cary, Ill.

riginally owned by Rockford Enterprises, the Coronado Theatre, or the "Wonder Theatre," in Rockford, Ill., was built in 1927 for the then-hefty sum of 1.5 million dollars. Frederic Klein of Peoria designed the 2,440-seat theatre that also housed three storefronts and 18 efficiency apartments. The elaborate interior features the fanciful moonlit ceilings and moving clouds that were often used to decorate movie palaces during the Golden Age of Entertainment. During the Coronado Theatre's long history, it has been used for everything from vaudeville, "talkies," and musical theater to rock concerts, war-bond rallies, and campaign speeches.

In 1979 the theatre was entered on the National Register of Historic Places, but it closed to movie business in 1984 during its 56th year. After standing unused for a number of years, the city of Rockford launched a campaign to raise funding for preservation and expansion of the landmarked theatre. The renovation took 18 months and met the criteria established by the "Friends of the Coronado." The restoration of the exterior concrete ornamentaion was achieved by Architectural Polymers, a restoration mold shop located in Allentown, Pa. General Contractor J. P. Cullen of Janesville, Wisc., Cary Concrete of Cary, Ill., and Van Dijk Pace Westlake Architects of Cleveland, Ohio, worked together in phases to accomplish the renovation.

Scope of Work

In addition to restoring the exterior and marquee to their original design intention, the theatre's infrastructure was brought up to meet current codes and standards. To become more enticing for major road companies, the dressing rooms were seriously upgraded; electrical, plumbing, and air systems were also improved. Additionally, the stage house was enlarged, the lobby was expanded, and the original apartments on the second level were turned into dressing rooms, many with the original 1920s- and '30s-style furniture. The apartments on the third floor were removed entirely and replaced with a Grand Public Lobby. For expansion purposes, the adjacent Jackson Piano Building, a former retail piano store, was converted into a rehearsal room on the second floor and retail space on the first floor. The balance of the Jackson Piano Building is support space for backstage and houses mechanical systems and load-in areas. The two-story building's 1930s Art Deco facade was retained but the interior was gutted to make

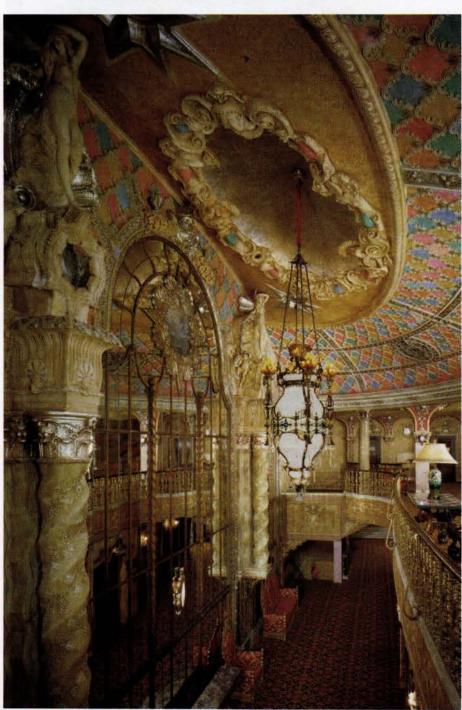
continued on page 220



Light fixtures such as these, shown in the "Manager's Apartment," are original to the theatre and were expertly restored by New Metal Crafts of Chicago, Ill. Previously a residential apartment, this interior is now returned to the Manager's Art Moderne style and is used to house the theatre's archives. On occasion, small gatherings are also held there. (All photographs: Nels Akerlund, Rockford, Ill.)



This image shows the fantastical quality of the John Eberson-inspired decoration of the interior of the theatre's house. Eberson was a Austrian-born designer who made famous the genre of "atmospheric" theatre design, with moving clouds and stars that gave audience members the impression of being outdoors. Here one can see the newly enlarged stage with its silvery orchestra shell, decorated by EverGreene Painting Studios of New York. The shell motif was derived from the original oceanic theme; Coronado, the theatre's namesake, was a maritime explorer.



This upper-tier lobby hall was created out of space in the adjacent Jackson Piano Building which looks out onto Main Street. The lobby hall is used for receptions and special events, and at the far end opens to the Manager's Apartment. The fanciful melange of Baroque and Mediterranean styles on the interior spaces have been beautifully restored.

TRANSFORMING MILLIONAIRES' COTTAGES INTO UPSCALE HOTEL ACCOMMODATIONS

Smith Dalia Architects worked with the Jekyll Island State Park Authority to create a hospitality program that combines historic preservation with entrepreneurship.

by Henrika Taylor

mith Dalia Architects of Atlanta, Ga., were the designers for the adaptive re-use of two historic structures on Jekyll Island. Initially, Smith Dalia worked with the Jekyll Island State Park Authority to develop a pilot master plan in 1995. An important goal of that master-plan development was to suggest uses for existing buildings, which would be compatible with the needs of the Jekyll Island Authority and include the requirements of a privately leased historic hotel. Part of the proposed plan has already come to fruition with the renovation of two "Millionaires' Cottages."

Transforming the 81-year-old Crane Cottage and the 94-year-old Cherokee Cottage into upscale hotel accommodations required extensive planning and custom applications. The existing architectural features and floorplans were meticulously retained when possible, though the facilities were retrofitted with state-of-the-art systems and upgraded to contemporary codes and standards. Jointly funded by the Jekyll Development Associates, the owner of the Jekyll Island Club Hotel, and the Jekyll Island State Park Authority, the project is an achievement in historic preservation and entrepreneurship.

Jekyll Island Club History

In 1886 fifty of America's wealthiest men decided to make real their vision of a hunting club. They chose Jekyll Island, off the coast of Georgia, for its climate, abundant wild life, and natural beauty. In less than two years, they incorporated







Before: These photos are examples of typical exterior conditions found on Crane Cottage at the outset of refurbishment. Warren Murphey of the JIA was very concerned about even touching the original brick. The building envelope was in extremely fragile condition due to the use of Georgia Brick, a very soft, porous material with a low iron content. Years of exposure and neglect led to cracking and severe water damage. Photos courtesy of Blanchard Caulking and Coating







After: Dennis Blanchard of Blanchard Caulking & Coating in Jacksonville, Fla., provided his expertise for the tricky removal of all existing coatings and paints; brick repair and replacement; restoration of all wooden surfaces such as shutters and windows; and rehab for metal components such as hinges, shutter clips, and lintels. Window lites were reglazed and the roof soffit and rafter tails were scraped, puttied, sanded, and primed prior to the application of two finish coats. The ornamental metal handrails, balconies, and iron gates in the courtyard were also repaired and reattached as necessary. Blanchard Caulking and Coating were the recipients of the Associated Builders & Contractors Award for their contributions to the rehabilitation of the Crane and Cherokee cottages. Photos courtery of Blanchard Caulking and Coating

the club, bought the island, and constructed the clubhouse. In January of 1888, these men, including William K. Vanderbilt, J.P. Morgan, and Joseph Pulitzer, gathered their families and boarded their yachts for the first "season" on Jekyll.

The Club on Jekyll Island, designed in the American Queen Anne style by Charles Alexander of Chicago and Charles Alling Gifford of New York, became a vital resort for the members. A venue for relaxation, certainly, but pivotal decisions were also being made over dinner, regarding presidencies, careers, and the nation's economy. However, by the time the United States became involved in World War II in 1942, The Club was already in a state of decline. The original members, who were in advanced years at the outset, had never intended The Club to be an indefinite resort, and did not provide for its longevity. In 1947, the State of Georgia gained ownership of Jekyll Island and its buildings, and eventually designated it a state park with a 35% limit for development. A causeway to the island, built in 1954, made the island accessible to the public and by 1986, the Jekyll Development Associates leased the main Club buildings, renovated them, and added a ballroom to create the Jekyll Island Club Hotel.

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MAKING A CASINO SHINE

A professional decorator and amateur chemist all rolled into one formulates metallic finishes that offer high-luster finishes at a reasonable cost.

t the final stages of decoration, Casino Windsor in Windsor, Ont., had one problem to solve: Where could they find a lustrous finish with sufficient reflectivity to apply primarily to the ceilings, but also the walls and ornament for an affordable price? Known finishes were either too expensive (precious-metal leafs) or didn't offer enough sparkle (metallic paints and car finishes).

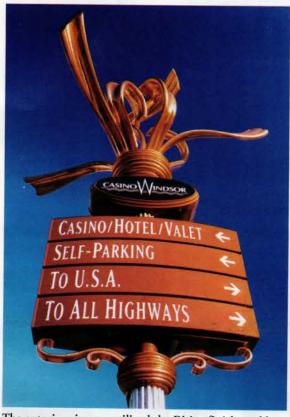
Enter Toronto-based Ritins Studio, Inc. Its proprietary metallic foils met all the criteria: With proper glazing and patination to actually tone down its brightness, the luster was exactly as the client imagined, and the price fell

somewhere between leafing and metallic paint.

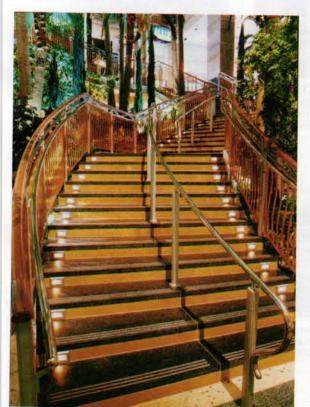
Andrejs Ritins, amateur chemist and owner of the eponymously named Studio, showed the client various metallic foils, especially silver and copper. With glazes and other patinating processes, they achieved a perfect pewter-like

finish. (In the end, all the metallics were patinated.)

The decoration project started with the casino's ceiling, a Formglas Co. cast-GRG basketweave that spanned 20,000 sq.ft. The tricky part of working the ceiling was finding a size that had ample "open time" (the ideal tack time for working with leaf). Ritins' grey size has a long open time, which allowed craftsmen to spray it on in the evening and leaf the following morning. This technique also provided good and efficient production time. A "pewter" finish was applied with accents of "copper" ribbons.



The exterior signage utilized the Ritins finish, and has withstood the elements quite well. The finish will not tarnish as a dulling-down of the surface, as it has a u.v. inhibitor; rather, the aging is manifested as a dappling, yet the finish is still bright after four years.



The success of the finishes brought Ritins to the Casino's steel stair railings. The finish specifications called for silver on brass paint. So Ritins mixed pewter flakes in an acrylic suspension that was brushed on. (Had the stair rail not been installed they might have sprayed the finish on.)

For the walls and columns, Ritins didn't have the luxury of using the same size they used on the

ceiling because high-traffic areas demanded a faster drying time. So for those surfaces they used a more traditional 12-hr. oil-based size, which gave them the open time they needed and the added advantage of a harder surface.

Ritins then took the bold step of applying their finish to the exterior signs. This finish, although not best suited for exterior applications because it will patinate over time, gave the client the metallic luster he was looking for, and after four years, has only "dulled" slightly.

The Ritins finishes are available in warm and cool gold, bright and dull silver, copper, and hologram (showing all the colors of the rainbow). Because they attain such a high luster and brightness, they are almost always glazed. The finishes can also be put on six-ft.-wide sheets of canvas, paper, or wood and used on walls or ceilings. Except for the silver finish. these surfaces are highly durable once coated with clear polyurethane. They require no exceptional maintenance and because the surfaces are patinated, and by design, even, they are easy to touch up. For surfaces with deep undercuts, such as moldings or casings, the finishes can be used in conjunction with metallic powders that are brushed into interstices, then glazed.

For full contact information on Ritins Studio, Inc., see their listing on the Decorative Painting Source-List, pp. 90-92.



Ceiling panels hold concealed lighting behind plexiglass panels back-glazed to look like onyx. They were assembled on site with the shop-finished basketweave laid on top. "Flying ribbons" steel capitals and collar have a foil finish.





This GRG column was cast in halves (see top photo) and given a foil finish.

CASTING CALL

he role of molded architectural ornament for building facades has grown steadily since the late-19th century, when terra-cotta production was still widely popular, and the cast-stone industry began to develop. Today, of course, this realm has become even more specialized with the emergence of elements in GRG, FRP, GFRC, and other polymers, including polymer-modified gypsum. Yet these innovations are still responding to the same needs that gave rise to the use of terra cotta and cast stone: the desire for the appearance of carved stone without the expense, time investment, and heavy weight of natural-stone elements.

A field this broad cries out for an authoritative SourceList of suppliers, which is exactly what you'll find starting on page 58. We've provided information on the kinds of elements the different firms can most readily supply — from cornices, balustrades, and columns to domes, statuary, and entire themed environments — as well as their material(s) of choice, along with their capabilities for custom work. We've even included numerous suppliers of moldmaking materials. All you have to do is select the best supplier for your clients' needs and location.

EXTERIOR MOLDED ORNAMENT PORTFOLIO

For full contact information on these companies, consult the SourceList on pp. 58-60.



ABATRON's line of "Abocrete" restoration epoxies can patch and restore exterior concrete such as these steps. Write in



The line of cast-stone architectural products from MELTON CLASSICS includes balustrades, columns, and entry systems. Write in No. 4100



RHODIA VSI Silicone was used for the skin of this majestic statue, part of a dramatic fountain display at Caesar's Palace in Las Vegas. Write in No. 791



This handsome storefront features arched window and door designs created in cast stone by CONCRETE DESIGNS. Write in No. 5190

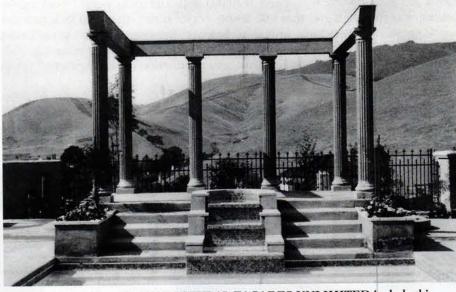


"The Raven" turned to CHEMCREST ARCHITECTURAL PRODUCTS for the high-density-polymer brackets that adorn its facade. Write in No. 2764

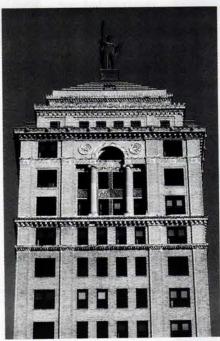


TINE CRAFTS-MEN includes the "Large Seated Lion, #809, which stands 30 in. tall. Call 800-876-3567 for information

statuary from FLOREN-



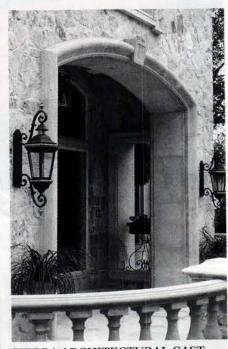
Precast products from ARCHITECTURAL FACADES UNLIMITED include this Classical poolside pavilion on a raised platform. Write in No. 1470



BOSTON VALLEY TERRA COTTA provided polychrome terra-cotta replacement elements for the restoration of Liberty Towers in Buffalo, N.Y. Write in No. 160



Architectural cast-stone elements, such as this radius balustrade, are available from NORTH AMERICAN STONE COMPANY. Write in No. 754



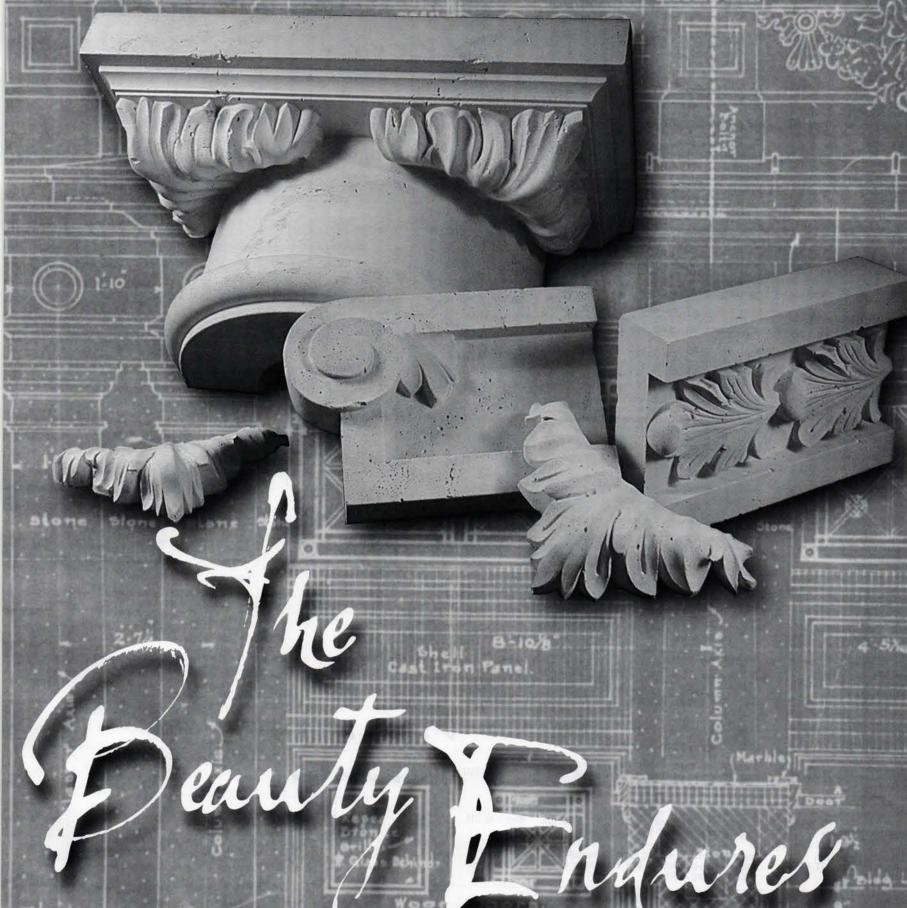
SIERRA ARCHITECTURAL CAST STONE fabricated the keystone and door surrounds for this Spanish Colonial



"Formliners" polymer moldmaking materials from ARCHITECTURAL POLY-MERS can be used to create a vast range of finishes in cast stone and other materials. Write in No. 75

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ARCHITECTURAL ORNAMENTATION Lightweight Hand Cast Natural Stone



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WRITE IN NO. 49:



E TRADITIONAL BUILDING SourceList for EXTERIOR MOLDED ORNAMENT

CSI# 06600 COMPILED BY COLE GAGNE Custom SPECIALTY Materials COMPANY Literature Manufactures many architectural elements in either gypsum or precast concrete: columns, molding, mantels, balustrades, wall caps, pavers, quoins, stair treads, planters, fountains, and gazebos; custom designs and finishes. Stair treads, quoins, wall caps A&M Victorian Decorations, Inc. 626-575-0693; Fax: 626-575-1781 www.aandmvictorian.com South El Monte, CA 91733 Precast concrete Free Write in No. 7470 50% Manufacturer of moldmaking compounds for use in situ and for deep undercuts; casting compounds for interior and exterior Abatron, Inc. 800-445-1754; Fax: 262-653-2019 www.abatron.com Kenosha, WI 53144 Free Write in No. 1300 N/A castings; release agents. Advanced Fiberglass Technology, LLC 706-557-9800; Fax: 706-557-7574 www.advancedfiberglasstech.com Rutledge, GA 30663 FRP Reproduction of originals or build from new design. Custom tooling Class I fire-retardant resins. Strip siding 100% Full line of precast-concrete architectural accents, including columns, railings and balusters, pier caps, pool copings, fireplace mantels, and more, as well as custom products. Also produces imitation keystone and limestone. Architectural Concept Stone 803-802-0686; Fax: 803-802-1765 www.arcconceptstone.com Fort Mill, SC 29715 Pool decks, pool coping, step treads, fountains, planters Cast stone 100% V Architectural Facades Unlimited 408-846-5350; Fax: 408-846-6911 archifacades.ebb.net Gilroy, CA 95020 Interior/exterior precast architectural ornament. On-site, full-service drawings, patterning, moldmaking, casting of columns, balustrades, cornices, mantels, & fountains. Cement, plaster, GFRC, GFRG; available in 15 standard colors. GFRC. GFRG. Free Write in No. 1470 precast 30% Architectural Fiberglass Corp. 800-439-2000; Fax: 631-842-4790 www.AFCornice.com Copiague, NY 11726 Reproduction of original ornamentation, or replacement from a large selection of stock styles and sizes; lightweight, easy-to-install FRP; molded-in colors and texture; class-1 fire-retardant material. Email: sales @ AFCornice.com. FRP Free Write in No. 6400 75% Architectural Polymers 570-386-3111; Fax: 570-386-3777 RR 2, Box 191-A1 New Ringgold, PA 17960 Manufactures flexible molds for historical restoration and Write in No. 75 architectural ornmamentation. Full-service supplier of flexible-mold materials. Also offers technical consultations. 100% Architectural Products by Outwater, LLC 800-835-4400; Fax: 800-835-4403 www.outwater.com Wood Ridge, NJ 07075 Architectural elements Various polymer & resin blends, fiber & marble Supplier of more than 35,000 ready-to-ship building-component products including int/ext. architectural millwork, columns, decorative moldings & trim, wrought-iron components, hardware Write in No. 8162 0% FRP, GFRC, Architectural Reproductions 888-440-8007; Fax: 503-281-6926 www.archrepro.com Portland, OR 97227 Design and production of interior and exterior work in traditional cast plaster and cast stone as well as glassfiber-reinforced thinshell materials with integral finishes or applied coatings. Terra-cotta Free Write in No. 6130 polymer-modified gypsum, cast stone 95% Supplies Forton-modified-gypsum casting system for creating intenor and extenor architectural and landscape elements. Consulting and technical service. GFRC and Polytek mold-making materials. Studio for training and prototyping. Ball Consulting 724-266-1502; Fax: 724-266-1504 www.ball-consulting-ltd.com Ambridge, PA 15003 Free Write in No. 7260 N/A Manufactures quality architectural terra cotta and roof tile for restoration and new buildings. Site and survey work: photo documentation, drawings/CAD, computer spreadsheets, moldmaking, fine detail work, and color matching. Boston Valley Terra Cotta 716-649-7490; Fax: 716-649-7688 6860 S. Abbott Rd. Orchard Park, NY 14127 Free Write in No. 160 Terra cotta 100% GRG, FRP Custom moldmaking, original sculpture, and restoration, Interior and exterior GRG and FRP columns, domes, etc. Historical restoration and custom moldings as per drawings. Buffalo Plastering 716-774-1292; Fax: Same as phone 3503 Stony Point Rd. Free Write in No. 3162 100% Grand Island, NY 14072 "TrimRoc" is a new lightweight molding material with the flexibility of plaster using today's extrusion technology. Available in many profiles; quick turnaround on custom shapes; easy installation. Canamould, A Division of Max Products 888-629-5899; Fax: 610-385-8811 www.canamould.com Birdsboro, PA 19508 Foamed polymer Free Write in No. 2524 GFRC, cast stone, natural stone, GRG Machine- & hand-carved products made from Cantera & Adoquin stone, limestone, & sandstone quarried from Mexico & Europe: fountains, fireplace surrounds, columns, sculpture, table bases, vanities, pavers, urns, planters, custom work. Cantera Especial 800-564-8608; Fax: 818-907-0343 www.cantera-especial.com Pacific Palisades, CA 90272 Free Write in No. 31 100% Specialist in cast-stone balustrades, columns, window sills, surrounds, and fireplaces. Custom Cast stone Cast Stone Products 941-358-7577; Fax: 941-358-7677 1718 Independence Blvd. Sarasota, FL 34234 Write in No. 3028 30% Specialist in high-quality cast stone, working with landscape/hardscape architects. Can manufacture directly from client's drawing or photo. Mantels, stone fireplaces, columns, balustrades, garden ornament, door surrounds, and more. Cast stone, coquina, keystone Garden omament Castlestone, Inc. 407-228-6146; Fax: 407-228-6145 Write in No. 22 % www.castlestone.com Orlando, FL 32803 Jahn restoration Jahn restoration-mortar manufacturer. Compatible patching mortars for the repair of any masonry surface. Cementitious, non-polymer mortars are breathable at any thickness, easy to apply. Standard and custom colors available. Cathedral Stone Products, Inc. 800-684-0901; Fax: 410-782-9155 www.jahnmortars.com Hanover, MD 21076 Free Write in No. 9580 50% Vinyl polymer crown molding for window headers. Molded wood-look half-round polypropylene siding shingles; new high-end asphalt/fiberglass 'Shangle' that resembles slate. Siding shingles CertainTeed — Siding Products Group 800-233-8990; Fax: 610-341-7940 750 E. Swedesford Rd, PO Box 860 Valley Forge, PA 19482 Polypropylene 0% Chadsworth's 1.800.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. Free Write in No. 1580 75% High-density polyurethane, pre-coated EPS Chemcrest Architectural Products 800-665-6653; Fax: 888-715-1813 www.chemcrest.com Winnipeg, MB, CANADA R3H 0P5 Building components & architectural details in high-density polyurethane & pre-coated FPS, interior & extenor: medallions, wall niches, mantels, crown moldings, balustrade & railing systems, door, window, & other exterior trim. Free Write in No. 2764 10% GFRC, precast Manufactures hand-cast concrete pavers for use in flooring applications or as wall cladding. Available in many standard sizes, colors, and textures. Custom work is also available. Concrete Designs Inc. 800-279-2278; Fax: 520-624-3420 3650 S. Broadmont Dr. Free Write in No. 5190 10% GFRC, cast stone Architectural ornament Architectural-sculpture service with expertise in historic-landmark David Kucera, Inc. 845-255-1044; Fax: 845-255-1597 Free Write in No. 2517 restoration, new construction (commercial & residential), color matching & fine detail work. Site surveys, drafting & engineering 39 Steves Lane Gardiner, NY 12525 services, field support available. Decorators Supply Corp. 773-847-6300; Fax: 773-847-6357 www.decoratorssupply.com Chicago, IL 60609 Compo 14,000 patterns for period architectural elements and molded Free Write in No. 210 ornament, from ceiling medallions to mantels, in plaster of paris, compo, and wood since 1893. Set of 5 catalogs, \$30. 15% Over 60 various millwork profiles Polyurethane Diamond Manufacturing, Inc. 800-343-1009; Fax: 816-421-4735 www.diamondmfg.com Kansas City, MO 64116 Interior/exterior molded ornament; custom and standard parts available. Custom-cast pieces with brass, bronze, copper, or nickel-silver metal coating available. Free Write in No. 583 60% Has a polymer additive system for alpha-gypsum plasters. Matrix-G enhances physical and performance properties. Castings are stronger, have a shorter de-mold time, and exhibit weather- and UV-resistance. Polymer-modified duoMatrix, Inc. 888-765-9835; Fax: 610-252-6200 Write in No. 811 N/A www.smooth-on.com Easton, PA 18042 Plaster, GRG, polymer-modified 3,000-plus models and molds and an experienced crew of sculptors, modelmakers and casters to complete any size job. 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WoodEpox: structural adhesive paste and wood substitute, used in any thickness to fill, add or modify. It can be sawed, carved, machined, nailed, sanded, stained, painted.

LiquidWood: liquid, penetrating consolidant for restoring strength and function to rotted or spongy wood.

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AboCrete: to permanently repair, resurface fill and bond driveways, floors, decks, swimming pools, most damaged rigid surfaces, concrete, wood, metal and other surfaces.

AboWeld 55-1: structural thixotropic paste to permanently repair or reshape stairs, statuary and vertical surfaces without forms.

AboWeld 8005-6: to bond new poured concrete to old concrete and other surfaces.

AboCoat and Abothane Series: protective coatings for floors, walls, tanks, tubs, boats. Water dispersions, solvent systems or 100% solids.

AboJet Series: for structural crack-injection, in a wide range of viscosities and other properties.

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MasterMold 12-3: non-toxic polyurethane paste for flexible, large and small molds. Best for architectural components, columns, capitals, statuary, moldings, decorative and structural elements. Excellent elasticity, form retention and number of castings.

MasterMold 12-8: liquid 12-3 to pour flexible molds.

AboCast 4-4: pourable compound for rigid large and small molds and castings, from machinable tooling and patterns to castings of any size, meeting most chemical/thermal/mechanical specifications.

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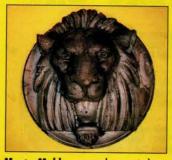
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mastermola can reproduce capitals, structural & decorative components, statuary & other patterns quickly & cost effectively.



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ETRADITIONAL BUILDING SourceList for EXTERIOR MOLDED ORNAMENT

						_	200	36						
COMPANY	SPECIALTY	Literature	Cornices	Columns & Capitals	Balustrades	Moldings/Trim	Molded Panels	Cupolas/ Domes/Steeples	Statuary	Themed Environments	Other	Materials	Moldmaking Materials	% Custon
ischer & Jirouch 116-361-3840; Fax: 216-361-0650 ww.fischerandjirouch.com Eleveland, OH 44103	Wide selection of hand-crafted plaster architectural ornament for interior and exterior applications, including columns, capitals, ceiling medallions, and fireplace mantels.	Free Write in No. 1960		V								Plaster		20%
lorentine Craftsmen 00-876-3567; Fax: 718-937-9858 ww.florentinecraftsmen.com ong Island City, NY 11101	Garden ornaments, fountains (freestanding and wall-mounted), statuary, urns, planters, furniture, and accessories in lead, aluminum, iron, stone, and bronze. Also, weathervanes. Custom work a specialty.	Free Call for more information		9					V		Garden ornaments, fountains, urns, planters	Lead, aluminum, iron, bronze		50%
ladding McBean, a Div. of Pacific Coast Bldg. 00-776-1133; Fax: 916-645-0738 ww.gladdingmcbean.com incoln, CA 95648	Traditional producer of terra cotta: roof tile, chimney tops & caps, flue liners, facades, pavers & sewer pipe. Glazed pottery and wall coping, in standard or custom designs. CAD drawings and glaze-color matching.	Free	V	V	v	~	,	V	V	V		Terra cotta		100%
oodwin Associates 16-248-3320; Fax: 716-387-0153 .O. Box 18605 ochester, NY 14618	Architectural-building-products specialists: columns, moldings, arches, pilasters, comices, and balustrade systems are available in a variety of materials. Custom services also use a variety of materials.	Free Write in No. 806	V	V	V	V	V	V				FRP, GFRC, polymer-modified gypsum, Forton MG, polyurethane		50%
addonstone (USA), Ltd. 56-931-7011; Fax: 856-931-0040 ww.haddonstone.com ellmawr, NJ 08031	Manufacturer of European-style classical stonework, using cast, reconstructed limestone resembling Portland stone. Over 500 designs of architectural and landscape elements that weather naturally. Custom-design capabilities.	Free Write in No. 4020	~	V	V	~	~		~		Chimney caps, quoins, roundels & plaques, brackets & corbels, heads, sills, keystones	Cast stone		25%
otwire Direct Foam Cutting Machines 00-555-4042; Fax: 509-751-1910 ww.hwdirect.com larkston, WA 99403		Free Write in No. 3169									Hot-wire foam-cutting machines	Expanded polystyrene		N/A
taleh Design Collection/Stone 10-289-9746; Fax: 310-289-9749 www.kalehdesign.com os Angeles, CA 90048	Cast-stone planters, pots, urns, jardineres, fireplace mantels, garden objects, & fountains, as well as columns, etc. Made using European techniques; frost-freeze resistant and offered in 9 finishes & textures, plus antique finish.	Free Write in No. 3068		V							Planters, pots, urns, jardineres, garden objects, fountains	Cast stone		%
andmark Studios 008-730-8895; Fax: 908-730-8851 www.landmarkstudios.com Pittstown, NJ 08867	Custom cast ornament, model, and modelmaking. Replication of plaster, scagliola, terra cotta, and stone. On-site (exterior and interior) restoration of existing plaster and masonry. Field molds taken and "dutchman repairs" made.	Free Write in No. 5000	~	V	V	~	~	,				Terra cotta, GFRC, polymer-modified gypsum, cast stone		90%
ynch & Sons, Inc. 203-762-8363; Fax: 203-762-2999 www.klynchandsons.com Wilton, CT 06897	Top-of-the-line fabricators with an extensive catalog of fountain designs, garden ornament, site furniture (including full park-bench manufacturing capabilities), weathervanes, finials, and gazebos. Custom capabilities.	Free Call for more information							~		Planters, urns	Cast stone		10%
Mandish Research International 321-267-2561; Fax: 321-268-1972 www.mandish.com Mims, FL 32754	Producer of composite fiberglass molds for architectural precast concrete; columns, archways, planters, and more. Stock molds for over 100 balustrade designs. Custom molds available.	Free Write in No. 875											V	70%
Manor Style, Ltd. 100-325-2188; Fax: 410-298-0848 1741 Whitestone Rd. Paltimore, MD 21207	Architectural columns, decorative capitals, & balustrade systems produced in fiberglass, load-bearing composites, preformed polymers, & wood. Stock column sizes: 8-, 10-, 12-in. dia.; special sizes, 14 to 48 in. up to 30 ft. high.	Free Write in No. 703	~	~	V	~						Polymer, GRG		40%
Melton Classics 800-963-3060; Fax: 770-962-6988 www.meltonclassics.com awrenceville, GA 30042	Architectural columns, balustrades, comices, & a wide array of other architectural elements in fiberglass, cast stone, GFRC, poly/marble composite, polyurethane, or wood. Large inventory of standard molds lowers your tooling costs.	Free Write in No. 4100	V	~	V	~	V	V			wer break	FRP, GFRC, poly- mer-modified gyp- sum, cast stone, polyurethane, synthetic stone		100%
Milestone Architectural Ornamentation 888-851-3381; Fax: 806-381-6996 www.milestoneltd.com Amarillo, TX 79107	Lightweight, highly durable, completely natural-looking hand-cast limestone columns, building panels, trims, fireplaces, and more.	Free Write in No. 493	V	V	~	~	V	V			Exterior panel systems, ruins, domes, & temples	Hand-cast lightweight limestone		85%
North American Stone Company 172-562-9992; Fax: 972-562-0794 www.northamericanstone.com McKinney, TX 75070	Manufactures custom architectural cast-stone elements, including fireplace mantels, balustrade systems, caps, columns, exterior and interior elements, pots, urns, coping, signage, ornamentation, & specialty items. Design assistance.	Free Write in No. 754		V	V	~		Byl			Architectural elements	Cast stone		100%
Polytek Development Corp. 800-858-5990; Fax: 610-559-8626 www.polytek.com Easton, PA 18042	High-performance, I- and 2-part liquid mold rubbers, including polyurethane; silicone, & latex systems. Polyurethane & epoxy plastics as well as seminars/workshops, books, videos, & accessories for all moldmaking & casting needs.	Free Write in No. 6360									Lorina		~	N/A
Precast Stone Designs, Inc. 358-539-7440; Fax: 858-539-7444 1010 Turquoise St., Ste. 350 San Diego, CA 92109	Firm creates stone design for commercial buildings, residences, or special projects.	Free	~	~	~	~	~					Cast stone		100%
Precision Converting 800-281-2307; Fax: 713-934-1655 www.precisionconverting.com Houston, TX 77040	Full line of liquid urethanes (pourable and brushable) and silicones for flexible molds and castings. High-quality reproductions of originals with long mold life. Full line of moldmaking supplies.	Free Write in No. 58											~	N/A
Rhodia VSI Silicones 800-356-7560; Fax: 518-285-6346 www.silicones.us.rhodia.com Froy, NY 12180	Full line of new technology molding and tooling products; two- component systems featuring easy processing, deep-section cure, and tear-resistance.	Free Write in No. 791										500	~	N/A
Seal Reinforced Fiberglass, Inc. 631-842-2230; Fax: 631-842-2276 23 Bethpage Road Copiague, NY 11726	Stock and custom garden pools, waterfalls, planters, and rock features. FRP building components, stock and custom comices, cupolas, and brackets. Full-service mold and tool fabricators. Onsite molds.	Free, Write in No. 4620 for Cornices, 1353 for Cupolas	~	~	~	~						FRP	V	90%
Sierra Architectural Cast Stone 800-333-9302; Fax: 513-665-2005 www.sierrastone.com Cincinnati, OH 45202	Dry-cast limestone and shell-stone products; also available in FRP and cast stone, balusters, cornices, columns, door and window surrounds, and more. Exterior aggregated paint complimenting cast stone and FRP.	Free Write in No. 236	~	~	V						Landscape items	Cast stone, FRP		60%
Smooth-On, Inc. 800-762-0744; Fax: 610-252-6200 www.smooth-on.com Easton, PA 18042	Manufacturer of liquid urethane and silicone mold rubber compounds that can reproduce any original model. Rubber can be poured, brushed, or sprayed on at the job site and is ready the next day for production casting.	Free Write in No. 650										Polymer-modified gypsum	~	N/A
Somerset Door & Column Co. 814-445-9608; Fax: 814-443-1658 www.somersetcolumns.com Somerset, PA 15501	Colonial wood columns, custom or standard, up to 40-in. dia. and 40-ft. length; architectural solid-wood doors, hand assembled to spec.; newels, balusters, posts, casework and moldings.	Free Write in No. 660		~						10.0		Compo		55%
Stone Legends 800-398-1199; Fax: 214-398-1293 www.stonelegends.com Dallas, TX 75217	Cast-stone architectural elements, handmade using precision tooling. Factory-direct pricing for elements such as balustrades, columns, fountains, pavers, steps, signs, wall caps, and landscape and garden ornament. Custom casting.	Free Write in No. 863	0	V	~			•	V	•		Cast stone		50%
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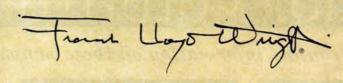
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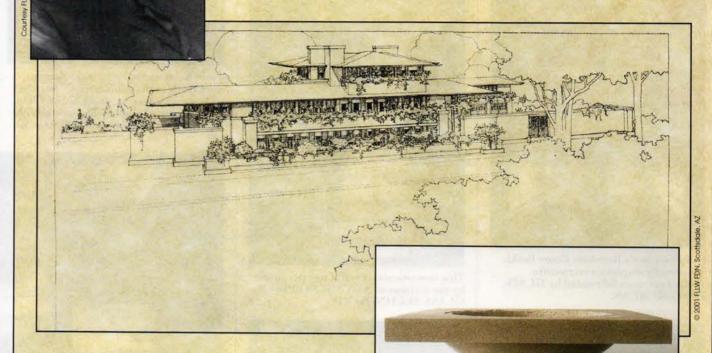
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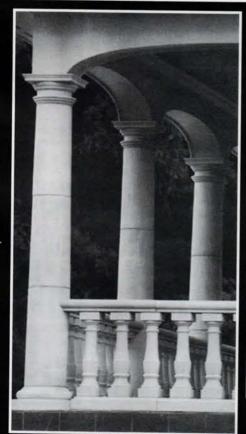
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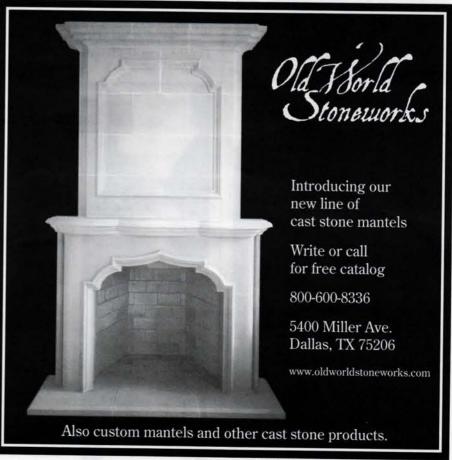
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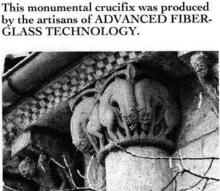
For full contact information on these companies, consult the SourceList on pp. 58-60.



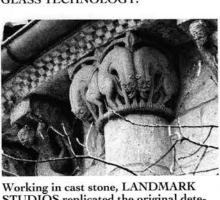
San Francisco's Burnham Court Building proudly displays a terra-cotta vaulted entrance fabricated by GLAD-DING MCBEAN.



This monumental crucifix was produced by the artisans of ADVANCED FIBER-



Working in cast stone, LANDMARK STUDIOS replicated the original dete-



riorating gargoyles that adorn New York City's famed Cloisters. Write in No. 5000



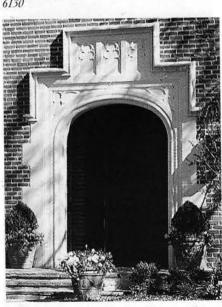
This elaborate entryway, with its balustrades, railings, balls, columns, capitals, and bases, is practically a showcase for the custom architectural elements that can be fabricated by SEAL REIN-FORCED FIBERGLASS. Write in No. 4620 for Cornices, No. 1353 for Cupolas



ARCHITECTURAL REPRODUC-TIONS fashioned this decorative balcony facing in molded GRG. Write in No. 6130

Custom exterior molded ornament fashioned by GOODWIN ASSOCIATES includes the prestigious seal for the city of

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The "Castile Aragon Entry" is one of numerous cast-stone architectural engi neered systems available from STONE LEGENDS. Write in No. 8630



The #701 balustrade is only one of numerous exterior architectural factured by WARNER BROS. STU-DIOS FACILI-TIES. Write in No. 778



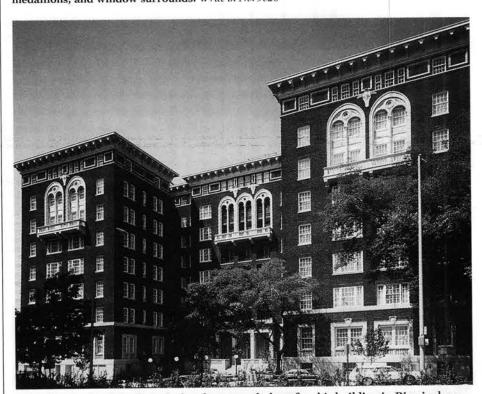
These balustrades, rails, and columns were made with "duoMatrix-C" polymer additive for concrete, using SMOOTH-ON's "Brush-On" 50 molds backed with "Plasti-Paste" support shells. Write in No.



THR CAST STONE & GFRC replicated the terra-cotta ornament on the facade of New York City's Plaza Hotel using cast stone. Write in No. 545



For the Whitaker Bayou Studios at the Ringling School of Art & Design, CAST STONE PRODUCTS manufactured and installed cast-stone balusters, top rails, bases, medallions, and window surrounds. Write in No. 3028



Fiberglass cornices, such as the handsome work done for this building in Birmingham, Ala., are a specialty of FIBERTECH CORP. Write in No. 23



HADDONSTONE specializes in producing architectural elements in cast, reconstructed limestone. Write in No. 4020

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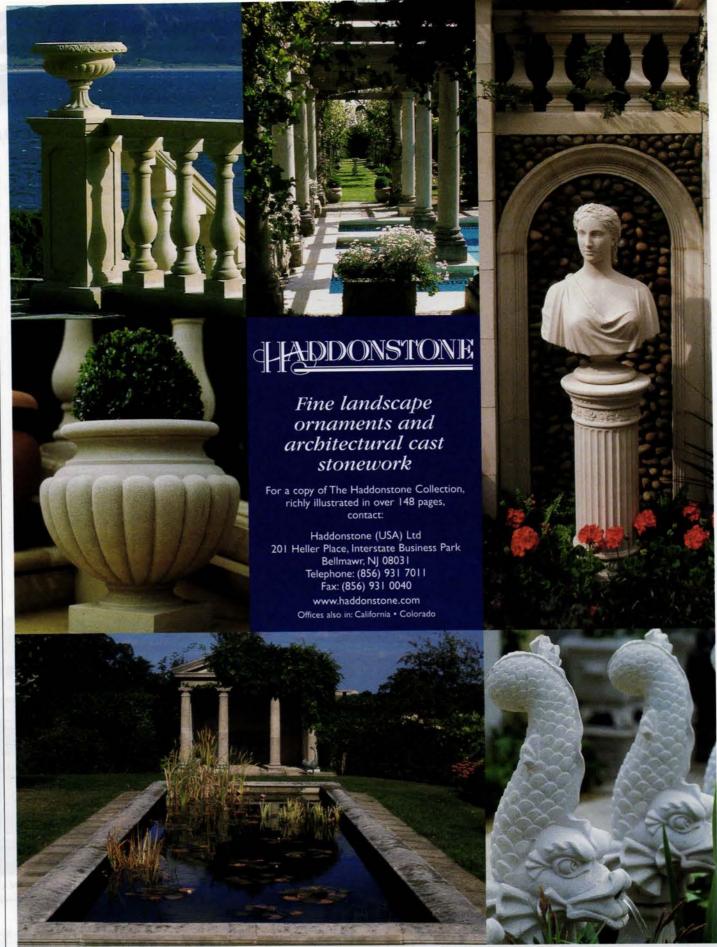
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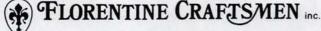


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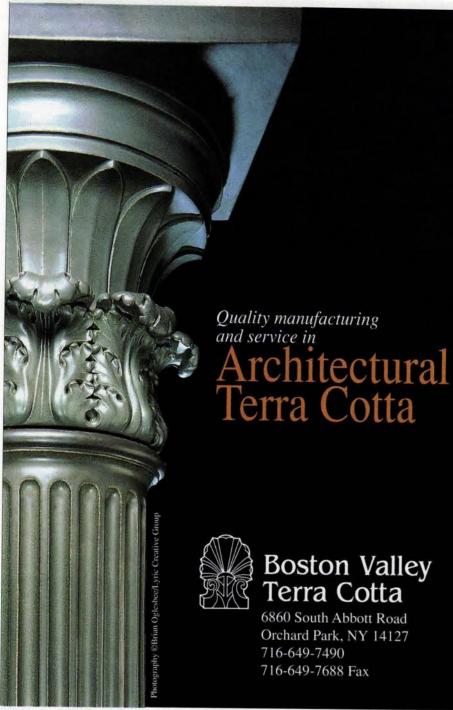


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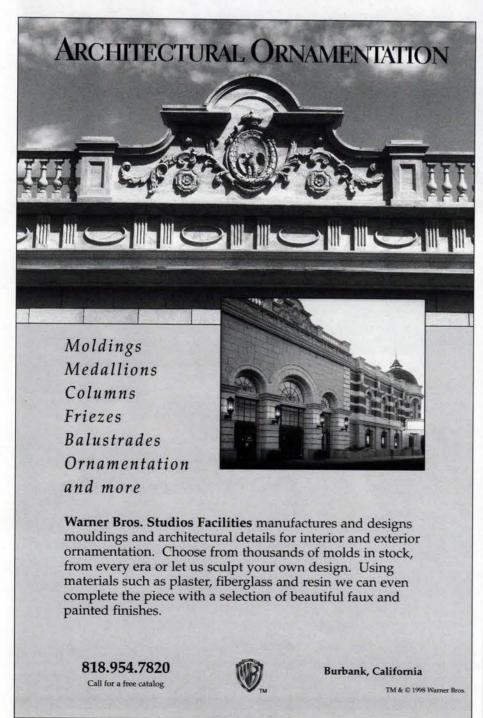


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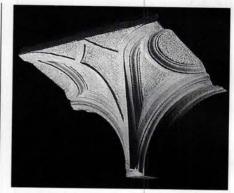
To contact these companies, see pp. 58-60.



Ornate exterior elements such as this gargoyle can be easily replicated using POLYTEK's line of polyurethane and silicone liquid mold rubbers. Write in No. 6360



CATHEDRAL STONE PRODUCTS can supply a full range of mortars for the in-situ repair and restoration of exterior masonry. Write in No. 9580



DAVID KUCERA specializes in replicating stone architectural elements in GFRC and other materials. Write in No. 2517



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MANDISH RESEARCH INTERNATIONAL supplies composite fiberglass molds for making such exterior molded ornament as balustrades, columns, capitals, molding, and trim. Write in No.~875

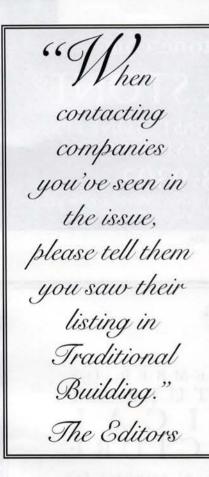


BALL CONSULTING provided GFRC replications of the original terra-cotta elements for this commercial building in Chicago. Write in No.7260



PRECAST STONE DESIGNS created the balustrades for the Bellagio Hotel in Las Vegas.

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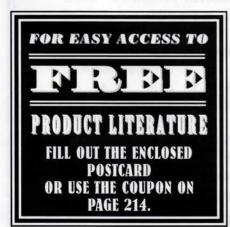
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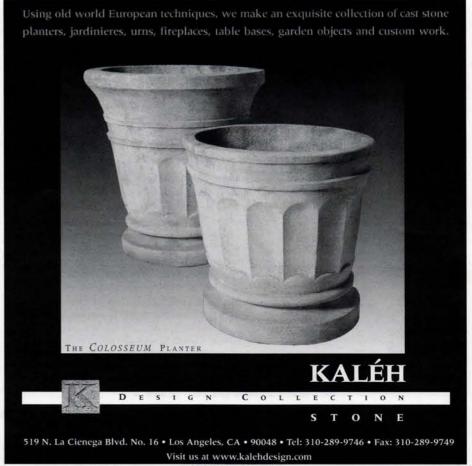
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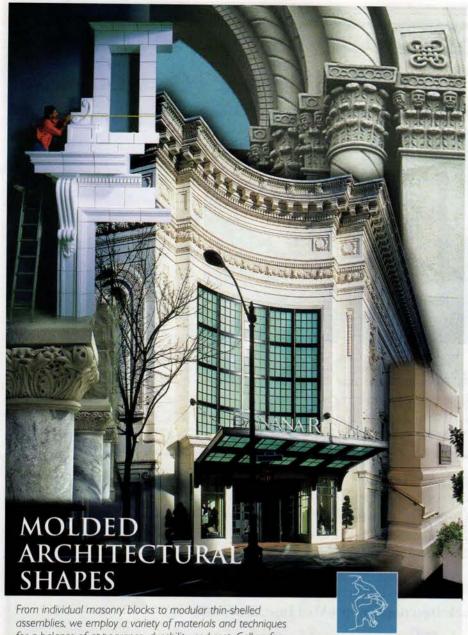


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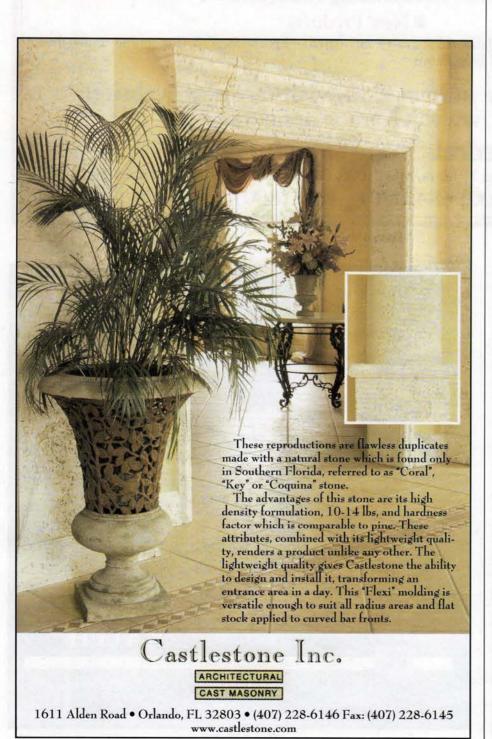
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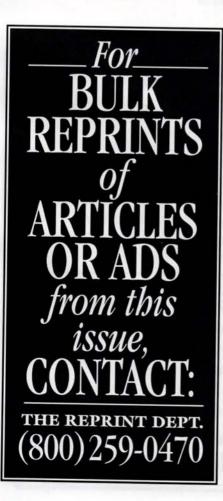
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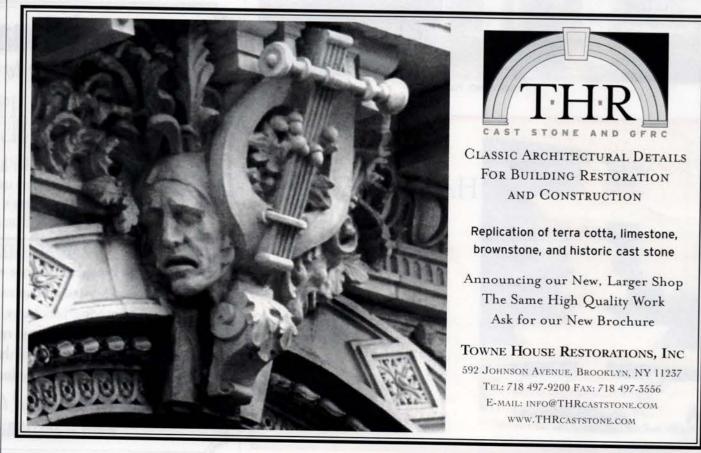
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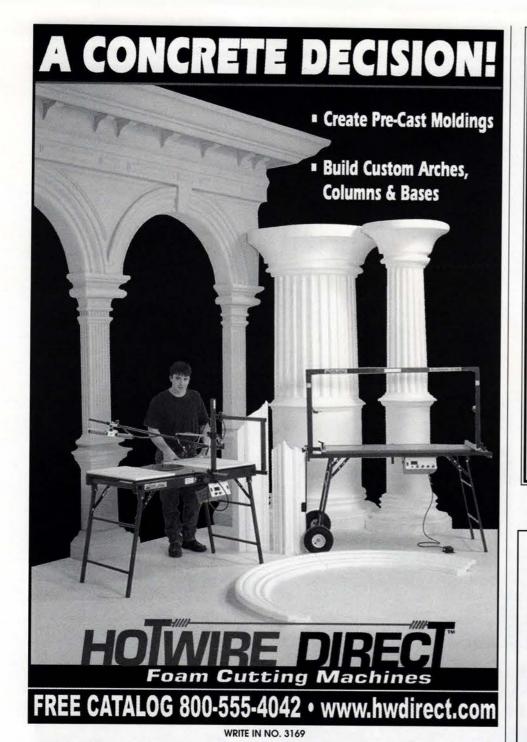
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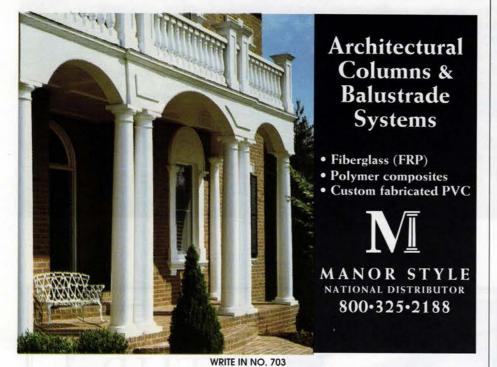
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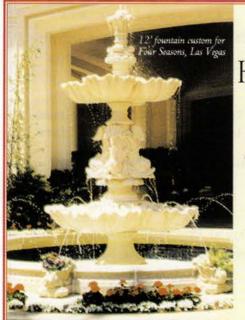












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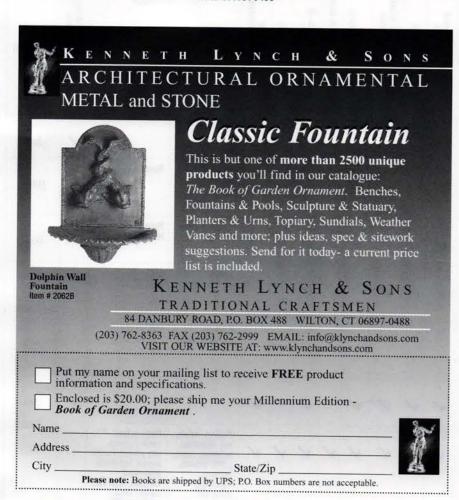
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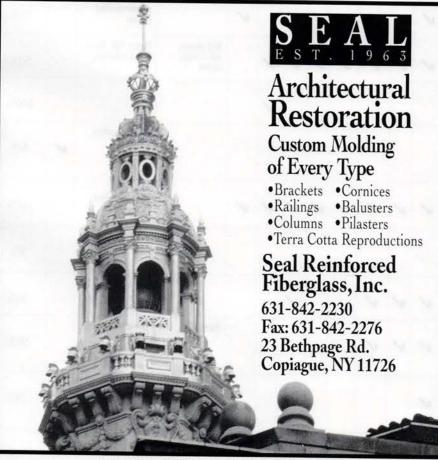
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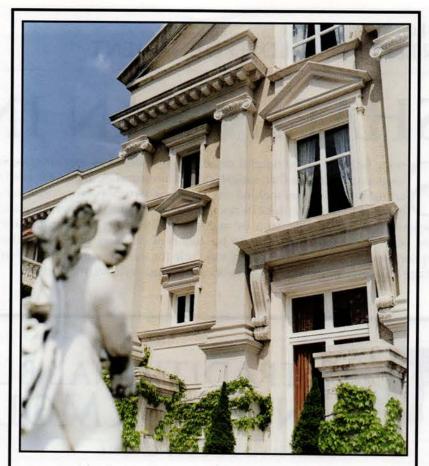
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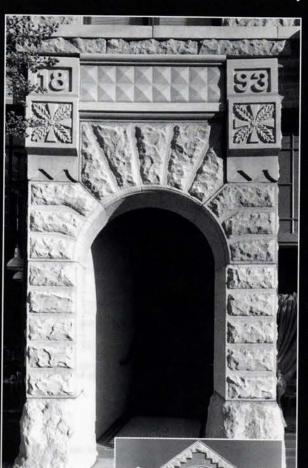
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batron, Inc. 600-445-1754; Fax: 262-653-2019 www.abatron.com Kenosha, WI 53144	Manufacturer of moldmaking compounds for use in situ and for deep undercuts; casting compounds for interior and exterior castings; release agents.	Free Write in No. 1300												V	N/A
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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 building-component products including int./ext. architectural millwork, columns, decorative moldings & trim, wrought-iron components, hardware & lighting.	Free Write in No. 8162	~	~	~	V	,	~	~	~	V	Moldings, corbels, wall decorations, pediments, raised panels, pilasters, appliques, wainscoting, ceiling tiles	Plaster, polymer- modified gypsum, solid polymer, foamed polymer, high-density polyurethane, aluminum, metal dad, stamped metal, polystyrene, MDF		10%
Architectural Reproductions 888-440-8007; Fax: 503-281-6926 www.archrepro.com Portland, OR 97227	Design and production of interior and exterior work in traditional cast plaster and cast stone as well as glassfiber-reinforced thin-shell materials with integral linishes or applied coatings.	Free Write in No. 6130	~	~		~		~	~		v		Plaster, GRG, polymer-modified gypsum		95%
Architectural Sculpture & Restorations, Ltd. 212-431-5873; Fax: 212-334-4230 242 Lafayette St. New York, NY 10012	This shop specializes in casting architectural elements in plaster, custom work available. Also, cast-plaster sculpture.	Free Write in No. 4590	V	~	~	V	~	~	~	~		Wall plaques, wall sconces, rosettes	Plaster, FGR, Quick- Cast, Garden-Cast		50%
B&H Art in Architecture, Ltd. 718-422-0802; Fax: 718-422-0866 419 Pacific St., #2 Brooklyn, NY 11217	Architecture, garden, and fine-art sculpture; design, can follow blueprint, photo, or existing model, live model; interior and exterior, any material and size.	Free Write in No. 1009								~			Plaster		1009
Ball Consulting 724-266-1502; Fax: 724-266-1504 www.ball-consulting-ltd.com Ambridge, PA 15003	Supplies Forton-modified-gypsum casting system for creating interior and exterior architectural and landscape elements. Consulting and technical service. GFRC and Polytek mold-making materials. Studio for training and prototyping.	Free Write in No. 7260											Polymer-modified gypsum	~	N/A
Buffalo Plastering 716-774-1292; Fax: Same as phone 3503 Stony Point Rd. Grand Island, NY 14072	Custom moldmaking, original sculpture, and restoration. Interior and exterior GRG and FRP columns, domes, etc. Historical restoration and custom moldings as per drawings.	Free Write in No. 3162	V	V	V	~	~			V	~		Plaster, GRG, polymer-modified gypsum		100
Canamould, A Division of Max Products 888-629-5899; Fax: 610-385-8811 www.canamould.com Birdsboro, PA 19508	"TrimRoc" is a new lightweight molding material with the flexibility of plaster using today's extrusion technology. Available in many profiles; quick turnaround on custom shapes; easy installation.	Free Write in No. 2524	,										Foamed polymer		5%
Cast Stone Products 941-358-7577; Fax: 941-358-7677 1718 Independence Blvd. Sarasota, FL 34234	Specialist in cast-stone balustrades, columns, window sills, surrounds, and fireplaces.	Free Write in No. 3028	~	~	~	~			,				Cast stone		309
Castlestone, Inc. 407-228-6146; Fax: 407-228-6145 www.castlestone.com Orlando, FL 32803	Specialist in high-quality cast stone, working with landscape/hardscape architects. Can manufacture directly from client's drawing or photo. Mantels, stone fireplaces, columns, balustrades, garden ornament, door surrounds, and more.	Free Write in No. 22		~	~	~						Balustrades	Cast stone, coquina, keystone		909
Chadsworth's 1.800.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.	Free Write in No. 1580).	-									PolyStone, fiberglass		759

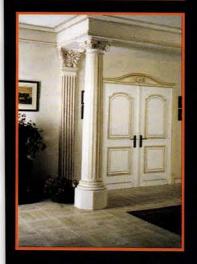
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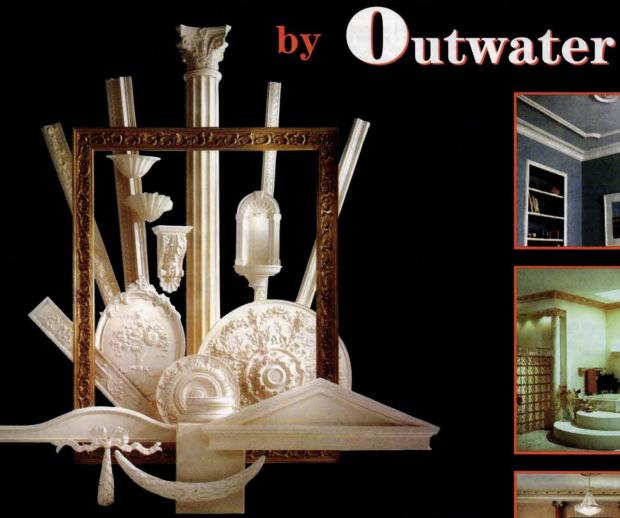














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I TRADITIONAL BUILDING SourceList for INTERIOR MOLDED ORNAMENT

						MC		S			1523				
COMPANY	SPECIALTY	Literature	Cornice Moldings	Columns & Capitals	Mantels	Door & Window Surrounds	Ceiling Medallions	Niches & Domes	Brackets & Corbels	Statuary	Themed Environments	Other	Materials	Moldmaking Materials	% Custon
Chemcrest Architectural Products 800-665-6653; Fax: 888-715-1813 www.chemcrest.com Winnipeg, MB, CANADA R3H 0P5	Building components & architectural details in high- density polyurethane & pre-coated EPS, interior & exterior: medallions, wall niches, mantels, crown moldings, balustrade & railing systems; door, window, & other exterior trin.	Free Write in No. 2764	~	V	~	~	~	V	~			Fireplace surrounds, balustrades	High-density polyurethane, pre- coated EPS		10%
Classic Architectural Specialties 800-662-1221; Fax: 972-552-9054 www.casdesign.com Forney, TX 75126	Full-service supplier of architectural components, furnishing complete packages for period commercial exteriors, from millwork to street lighting.	Free Write in No. 4200	v	v			~	~	~			Ceiling panels, pilasters, ornament	Polyesteresin		50%
Classic Plaster Studios 300-633-9553; Fax: 407-935-0848 www.clasplas.com Kissimmee, FL 34744	Custom designs in plaster, Forton MG, or bronze. Reproductions or restoration conservator-style of any plaster ornament or frame/sculpture restoration. All trim, crowns, columns, etc.	Free Write in No. 2522	V	~	~	~	~	~	v		V		Plaster, polymer- modified gypsum		30%
Concrete Designs Inc. 800-279-2278; Fax: 520-624-3420 8650 S. Broadmont Dr. Fucson, AZ 85713	Manufactures hand-cast concrete pavers for use in flooring applications or as wall cladding. Available in many standard sizes, colors, and textures. Custom work is also available.	Free Write in No. 5190	v	~	V	1			~			Balustrades, pavers	Cast concrete, GFRC		10%
Conrad Schmitt Studios 800-969-3033; Fax: 262-786-9036 www.conradschmitt.com New Berlin, WI 53151	Since 1889, studio has created and restored interior molded ornament and ornamental ceilings, decorative schemes, murals, mosaics, and stained glass for buildings of architectural and historic significance.	Free Write in No. 8040	v	v	~	~	v	~	v	,	v	Decorative elements	Plaster		100%
Cumberland Woodcraft Co. 800-367-1884; Fax: 717-243-6502 www.cumberlandwoodcraft.com Carlisle, PA 17013	Supplier of architectural details offers complete line of ornate appointments, from carved capitals, corbels, moldings, onlays, and medallions to completed cabinetry; bars with back bars, service counters, detailed wall treatments.	Free Write in No. 1310	v	~	v		~	~	~			Pilasters	Polyurethane, polyethylene		40%
Decorators Supply Corp. 173-847-6300; Fax: 773-847-6357 www.decoratorssupply.com Chicago, IL 60609	14,000 patterns for period architectural elements and molded ornament, from ceiling medallions to mantels, in plaster of paris, compo, and wood since 1893. Set of 5 catalogs, \$30.	Free Write in No. 210			v		~						Plaster, compo		15%
Diamond Manufacturing, Inc. 300-343-1009; Fax: 816-421-4735 www.diamondmfg.com Kansas City, MO 64116	Interior/exterior molded ornament; custom and standard parts available. Custom-cast pieces with brass, bronze, copper, or nickel-silver metal coating available.	Free Write in No. 583	~	,			v		~			Custom work, replications	Cast urethanes		60%
luoMatrix, Inc. 388-765-9835; Fax: 610-252-6200 www.smooth-on.com Easton, PA 18042	Has a polymer additive system for alpha-gypsum plasters. Matrix-G enhances physical and performance properties. Castings are stronger, have a shorter demold time, and exhibit weather- and UV-resistance.	Free Write in No. 811												~	N/A
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.	Free Write in No. 2950	,				V	~	~			Ceiling panels	GRG, FRP		50%
EverGreene Painting Studios 112-244-2800; Fax: 212-244-6204 www.evergreene.com New York, NY 10001	Full-service decorative-arts studio. Conditions analysis, conservation, restoration and replication of ornamental plaster. Design, sculpture, molds, casting, and installation.	Free Write in No. 2678	V	v	~	V	,	~	v		V	Scagliola restoration	Plaster, GRG, polymer-modified gypsum		100%
Felber Ornamental Plastering Corp. 300-392-6896; Fax: 610-275-6636 www.felber.net Norristown, PA 19404	3,000-plus models and molds and an experienced crew of sculptors, modelmakers and casters to complete any size job.	Free Write in No. 2890	~	V	V		V	~	~			Custom reliefs, period ceilings	Plaster, GRG, polymer-modified gypsum		50%
Fischer & Jirouch 216-361-3840; Fax: 216-361-0650 www.fischerandjirouch.com Cleveland, OH 44103	Wide selection of hand-crafted plaster architectural ornament for interior and exterior applications, including columns, capitals, ceiling medallions, and fireplace mantels.	Free Write in No. 1960	~	~	v		V	~	V				Plaster		20%
Flex Moulding, Inc. 201-487-8080; Fax: 201-487-6637 www.flexiblemoulding.com Hackensack, NJ 07601	This company offers over 3,000 flexible and rigid moldings, spot decorations, simulated wood carvings, and more; rigid and flexible materials; custom casting and moldmaking capabilities. Restoration casting.	Free Write in No. 4900	V	V		~	V		V			Rosettes, cast ornament, custom casting	Polyester resin	~	40%
Flex Trim Industries, Inc. 300-353-9874; Fax: 909-748-6578 www.flextrim.com Redlands, CA 92373	Flexible molding for interior and exterior use; can be made to shape, profile, or contour, radius molding for curved walls, round windows, doors, arch openings, etc.; made from a polymer-composite resin, looks and stams like wood.	Free	~			~	~		V			Finials, appliques, stair brackets	Solid polymer		0%
Goodwin Associates 716-248-3320; Fax: 716-387-0153 P.O. Box 18605 Rochester, NY 14618	Architectural-building-products specialists: columns, moldings, arches, pilasters, cornices, and balustrade systems are available in a variety of materials. Custom services also use a variety of materials.	Free Write in No. 806	v	~	V	~	V	~	V	~		Flexible moldings	Plaster, polyurethane, compo, Forton MG, GFRC		50%
GP Gypsum Corp. 104-652-5348: No Fax ww.gp.com/plaster ktlanta, GA 30303	Highly detailed ornamental moldings cast from architectural-grade gypsum.	Free Write in No. 8045	v	,		~	~	v	V				GRG		10%
Hotwire Direct Foam Cutting Machines 800-555-4042; Fax: 509-751-1910 www.hwdirect.com Elarkston, WA 99403	Source of hot-wire foam-cutting machines for making expanded-polystyrene moldings.	Free Write in No. 3169										Hot-wire foam- cutting machines	Expanded polystyrene		N/A
Hyde Park Fine Art of Mouldings 718-706-0504; Fax: 718-706-0507 www.hyde-park.com Long Island City, NY 11101	Stock and custom plaster mouldings fabricated using traditional methods and materials.	Free Write in No. 802	v	~	V	~	~	V	V			Ceiling coffers, panel moldings, chair rails, other embellishments	Plaster		20%
conoplast Designs, Inc. 718-599-2466; Fax: 718-599-2488 www.iconoplast.com Brooklyn, NY 11211	Firm manufactures stock and custom interior design elements in styles ranging from Classical to contemporary; also performs historic-plaster restoration.	Free Write in No. 1349	v	,	~	V	V	~	,	~	v	Planters, light sconces, mirror frames	Plaster, gypsum- cement, compo	V	40%
Kaleh Design Collection/Stone B10-289-9746; Fax: 310-289-9749 www.kalehdesign.com os Angeles, CA 90048	Cast-stone planters, pots, urns, jardineres, fireplace mantels, garden objects, & fountains, as well as columns, etc. Made using European techniques; frost-freeze resistant and offered in 9 finishes & textures, plus antique finish.	Free Write in No. 3068		~	V							Planters	Cast stone		10%
Landmark Studios 908-730-8895; Fax: 908-730-8851 www.landmarkstudios.com Pittstown, NJ 08867	Custom cast ornament, model, and modelmaking. Replication of plaster, scagliola, terra cotta, and stone. On-site (exterior and interior) restoration of existing plaster and masonry. Field molds taken and "dutchman repairs" made.	Free Write in No. 5000	v	~	V	~	~	V					Terra cotta, GFRC, polymer-modified gypsum, cast stone		90%
Mandish Research International 321-267-2561; Fax: 321-268-1972 www.mandish.com Mims, FL 32754	Producer of composite fiberglass molds for architectural precast concrete; columns, archways, planters, and more. Stock molds for over 100 balustrade designs. Custom molds available.	Free Write in No. 875												,	70%
Manor Style, Ltd. 800-325-2188; Fax: 410-298-0848 6741 Whitestone Rd. Baltimore, MD 21207	Architectural columns, decorative capitals, & balustrade systems produced in fiberglass, load-bearing composites, preformed polymers, & wood. Stock column sizes: 8-, 10-, 12-in. dia.; special sizes, 14 to 48 in. up to 30 ft. high.	Free Write in No. 703	v	~	~	~	V	V	~			Large balustrades, custom shapes	Preformed polymer, rigid PVC, resin		40%
Master Of Plaster Finishing Systems, Inc. 800-352-5915; Fax: Same as phone www.masterofplaster.com Essex, NY 12936	Ceilings cast in panels for ease of installation; no detail work or painting necessary; custom designs or choose from stock.	Free Write in No. 2537	~	~	~	~	V	,	,	~	~	Scagliola, marezzo, Venetian plaster	Plaster, GRG, solid polymer		80%

TRADITIONAL BUILDING 72 ■ JULY/AUGUST 2001

HYDE PARK FINE ART OF MOULDINGS

STUDIO:

29-16 40th Avenue Long Island City, NY 11101

Telephone: 718.706.0504

Facsimile: 718.706.0507

info@hyde-park.com www.hyde-park.com

Florida: 561.330.7974

California: 805.480.0055

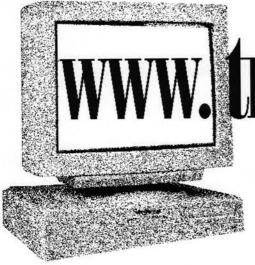


Hyde Park Fine Art of Mouldings is the plaster house trusted by top design and construction professionals to execute their ornamental requirements. By employing only time-tested methods and materials, our artisans create models and molds of unsurpassed quality that translate into decoration suitable to the most discriminating eye. With a standard collection large enough to meet nearly any requirement, and a wealth of expertise in the creation of custom sculpture, restoration, and renovation, Hyde Park is your single source for architectural and ornamental plaster.



TRADITIONAL BUILDING SourceList for NTERIOR MOLDED ORNAMENT

COMITEI	D BY COLE GAGNE							10					231	0	9230
COMPANY	SPECIALTY	Literature	Cornice Moldings	Columns & Capitals	Mantels	Door & Window Surrounds	Ceiling Medallions	Niches & Domes	Brackets & Corbels	Statuary	Themed Environments	Other	Materials	Moldmaking Materials	% Custon
Melton Classics 800-963-3060; Fax: 770-962-6988 www.meltonclassics.com Lawrenceville, GA 30042	Architectural columns, balustrades, cornices, & a wide array of other architectural elements in fiberglass, cast stone, GFRC, poly/marble composite, polyurethane, or wood. Large inventory of standard molds lowers your tooling costs.	Free Write in No. 4100											FRP, GFRC, polymer- modified gypsum, cast stone, polyurethane, synthetic stone		100%
Millwork Store 800-670-6455; Fax: 304-267-1504 www.millworkstore.com Martinsburg, WV 25401	Many polyurethane accents, including niches, medallions, urns, pineapples, appliques. Decorative columns and capitals. Flexible panel and applied moldings. Interior door crossheads and surrounds.	Free Write in No. 8750	V	V		~	V	~					Polymer		5%
North American Stone Company 172-562-9992; Fax: 972-562-0794 www.northamericanstone.com McKinney, TX 75070	Manufactures custom architectural cast-stone elements, including fireplace mantels, balustrade systems, caps, columns, exterior and interior elements, pots, urns, coping, signage, ornamentation, & specialty items. Design assistance.	Free Write in No. 754		~	V							Decorative elements	Cast stone		100%
Pacific Columns 714-630-4550; Fax: 714-630-4549 www.pacificcolumns.com Atwood, CA 92811	Source of architectural products, including columns, carvings, mantels, balustrades, and polymer millwork.	Free Write in No. 88		~	~							Polymer millwork			45%
Polytek Development Corp. 800-858-5990; Fax: 610-559-8626 www.polytek.com Easton, PA 18042	High-performance, 1- and 2-part liquid mold rubbers, including polyurethane, silicone, & latex systems. Polyurethane & epoxy plastics as well as seminars/work shops, books, videos, & accessories for all moldmaking & casting needs.	Free Write in No. 6360												~	N/A
Precision Converting 800-281-2307; Fax: 713-934-1655 www.precisionconverting.com Houston, TX 77040	Full line of liquid urethanes (pourable and brushable) and silicones for flexible molds and castings. High-quality reproductions of originals with long mold life. Full line of moldmaking supplies.	Free Write in No. 58												V	N/A
Revival Studio, LLC 203-497-9193; Fax: Same as phone 3 Canner St. kew Haven, CT 06511	Complete sculpture services, restoration stone carving, cast stone, GFRC, GRC, unique designs of model making, interior or exterior ornament.	Free	V	V	V	~	~	V	~	V	V		Plaster, GRG, polymer-modified gypsum, solid polymer, foamed polymer		100%
Rhodia VSI Silicones 800-356-7560; Fax: 518-285-6346 www.silicones.us.rhodia.com froy, NY 12180	Full line of new technology molding and tooling products; two-component systems featuring easy processing, deep-section cure, and tear-resistance.	Free Write in No. 791												~	N/A
Rory Brennan/Preservation Plastering 802-387-4623; No Fax 83 E. Putney Brook Rd. Putney, VT 05346	Complete plaster-conservation services: documentation, stabilization of loose plaster, mortar analysis and matching; plaster replication using original models. Collection of historic medallions.	Free Write in No. 2980		V			V	~					Plaster		100%
seal Reinforced Fiberglass, Inc. 331-842-2230; Fax: 631-842-2276 23 Bethpage Road Copiague, NY 11726	Stock and custom garden pools, waterfalls, planters, and rock features. FRP building components, stock and custom comices, cupolas, and brackets. Full-service mold and tool fabricators. On-site molds.	Free Write in No. 4620							~				FRP		90%
Smooth-On, Inc. 300-762-0744; Fax: 610-252-6200 www.smooth-on.com Easton, PA 18042	Manufacturer of liquid urethane and silicone mold rubber compounds that can reproduce any original model. Rubber can be poured, brushed, or sprayed on at the job site and is ready the next day for production casting.	Free Write in No. 650												~	N/A
Stone Legends 800-398-1199; Fax: 214-398-1293 www.stonelegends.com Dallas, TX 75217	Cast-stone architectural elements, handmade using precision tooling. Factory-direct pricing for elements such as balustrades, columns, fountains, pavers, steps, signs, wall caps, and landscape and garden ornament. Custom casting.	Free Write in No. 8630	~	~	~	V	~	~	~				Cast stone		50%
Superior Moulding, Inc. 800-473-1415; Fax: 818-376-1314 5953 Sepulveda Blvd. Van Nuys, CA 91411	Array of standard and non-standard moldings and related finish materials in any size, style, shape, and species; short turnaround times.	Free Write in No. 138	~	V		V	V	V					Polymer composites, plaster/gypsum		55%
THR Cast Stone & GFRC 718-497-9200; Fax: 718-497-3556 www.thrcaststone.com Brooklyn, NY 11237	Custom fabricator of cast-stone & GFRC products for exterior-building restoration, including the replication of terra cotta, limestone, and brownstone ornament.	Free Write in No. 545										Restoration of ornamental masonry	GRG, GFRC, cast stone		100%
Warner Bros. Studios Facilities 818-954-3000; Fax: 818-954-2677 www.wbsf.com Burbank, CA 91522	Architectural ornamentation fabrication of plaster or fiberglass for interior and exterior decoration; historic collection of hundreds of molds available.	Free Write in No. 778	~	~			V		~	SI .	~	Ornamentation	Plaster, fiberglass		50%
Worthington Group 800-872-1608; Fax: 334-566-5390 www.architectural-details.com Troy, AL 36081	Supplier of architecturally correct columns in wood or PermaCast, round and square. Clear columns available in seven species. Also, cornice moldings, balustrading, niches, medallions, pedestals, and PermaPorch.	Free Write in No. 1633	~	~			~	~	S			Balustrades	PermaCast		50%



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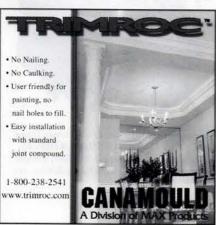
NICHES, DOMES, CROWN

FREIZES, CASING

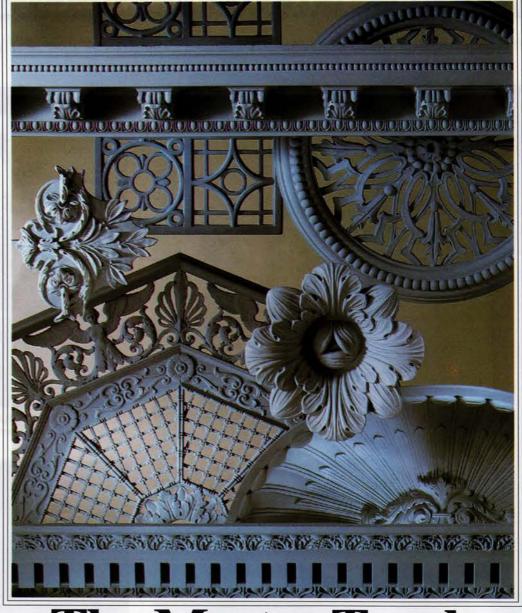
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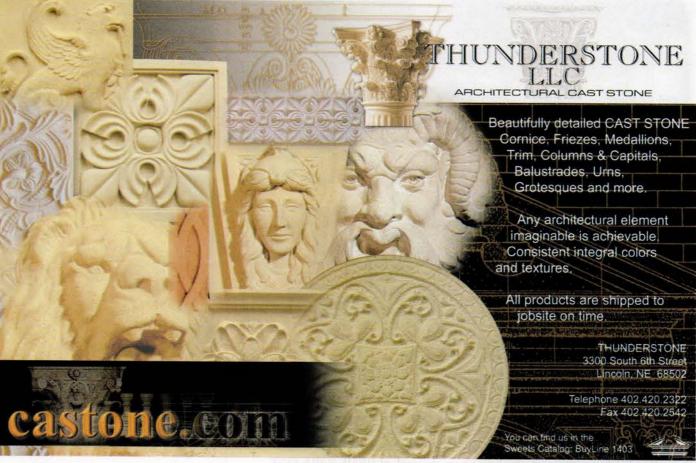
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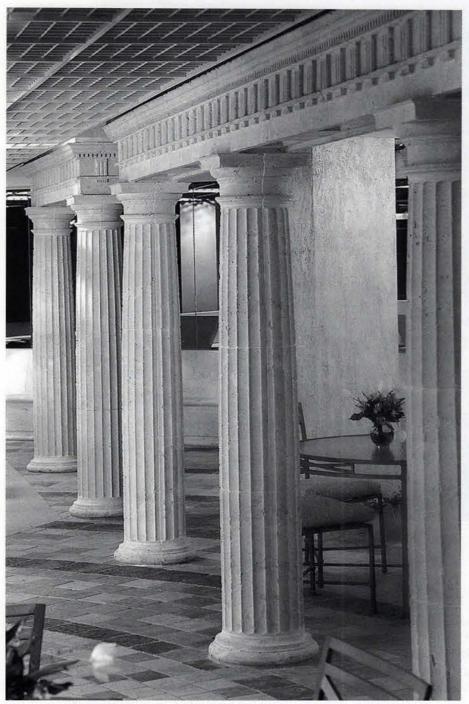
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INTERIOR MOLDED ORNAMENT PORTFOLIO

For full contact information on these companies, consult the SourceList on pp. 70-74.



Cast-stone columns from MILESTONE bring a Classical air to this interior of the Watergate Office Buildings. (Photo: Stewart Bros. Photographers, Inc.) Write in No. 493



The wall and ceiling moldings in this interior are the work of HYDE PARK FINE ART OF MOULDINGS. Write in No. 802



An artisan from EVERGREENE STUDIOS creates the model for a piece of finely-detailed molded ornament in the firm's workshop. Write in No. 2678



MANOR STYLE supplied the lightweight polymer rosettes, cornice moldings, and Georgian plaques for the entry of this catering hall. Write in No. 703



B&H ART-IN-ARCHITECTURE created this 2x8-ft. Egyptian-style plaster relief for the office of an interior-design firm. Write in No. 1009



RORY BRENNAN pours rubber for a mold with which he will replicate a plaster original. Write in No. 2980



Cast ornamental plaster elements from DECORATORS SUPPLY CORP. include the music-themed #27133, which measures 11x11 in. and has a 3/8-in. relief. Write in No. 210



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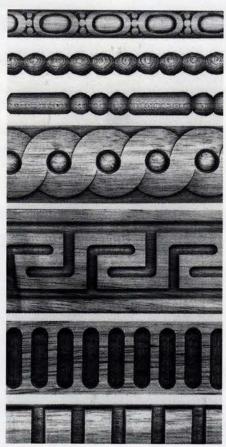
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For full contact information on these companies, consult the SourceList on pp. 70-74.



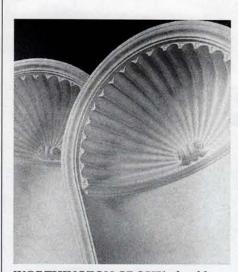
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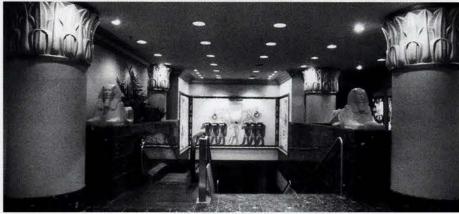
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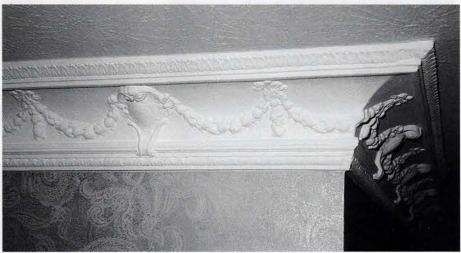
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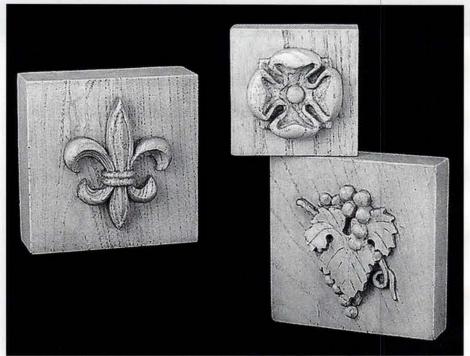
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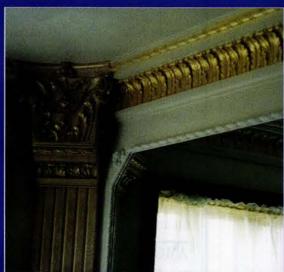


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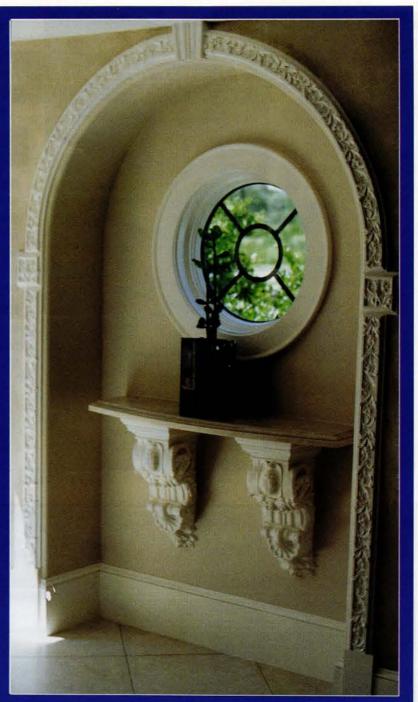
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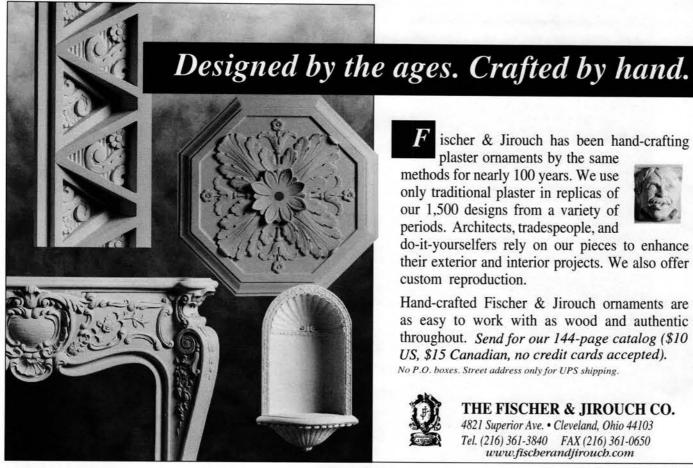
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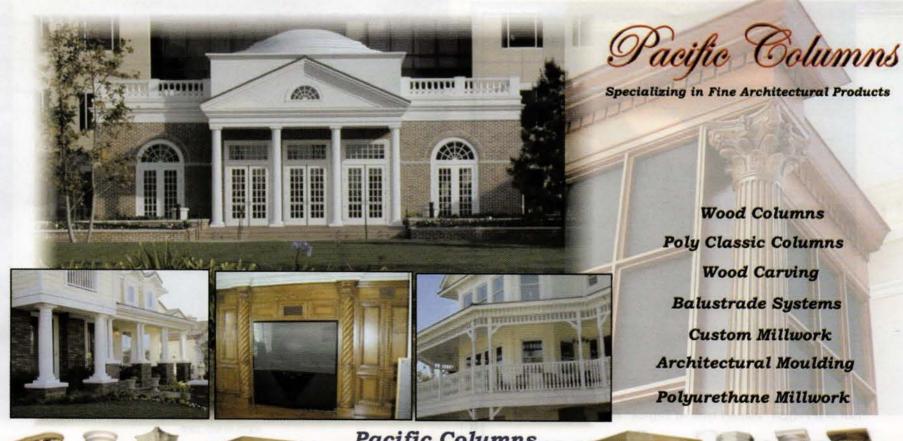
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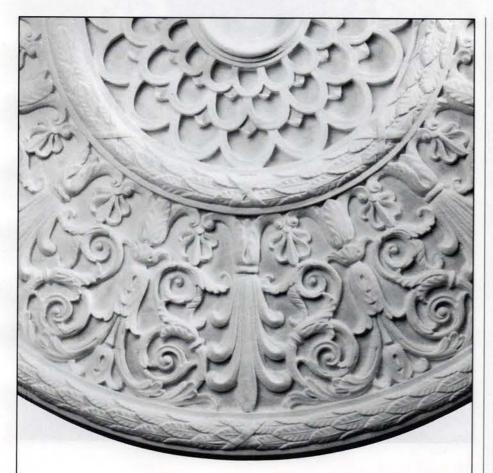
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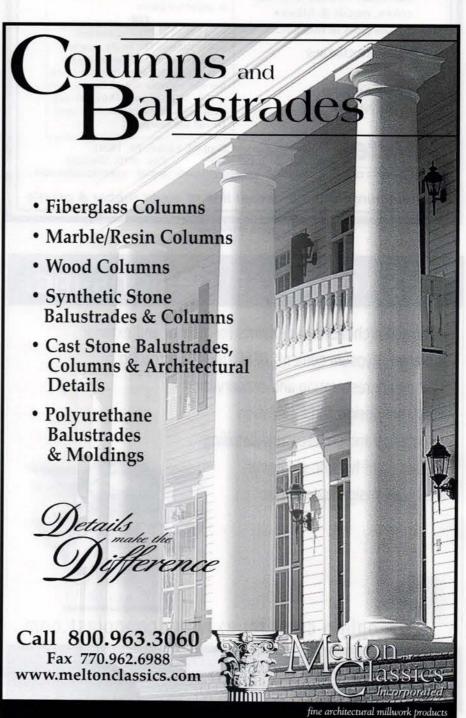
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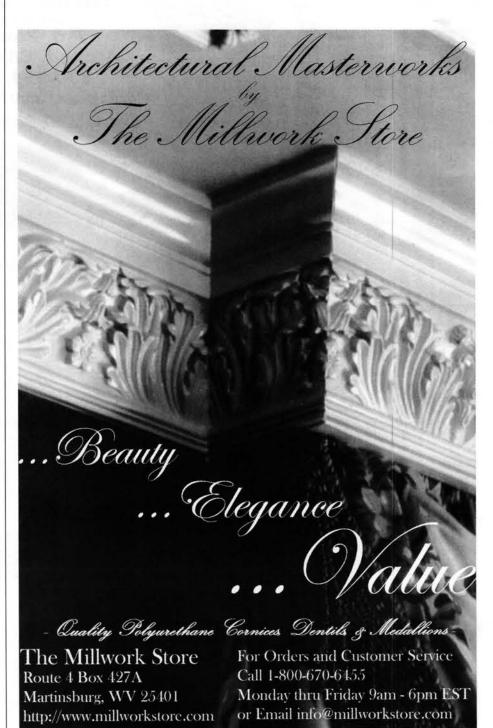
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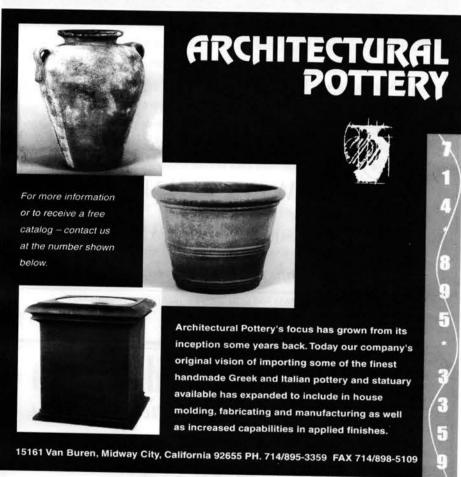
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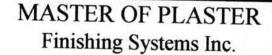


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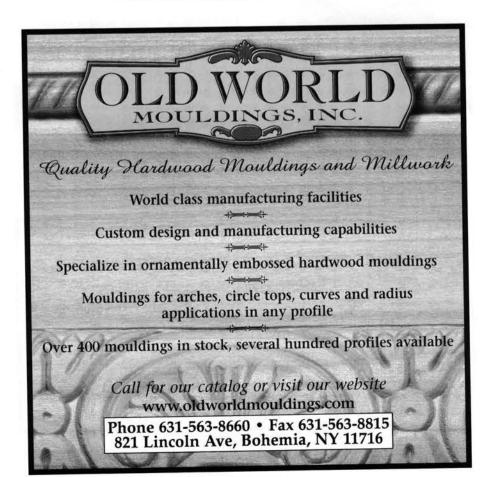
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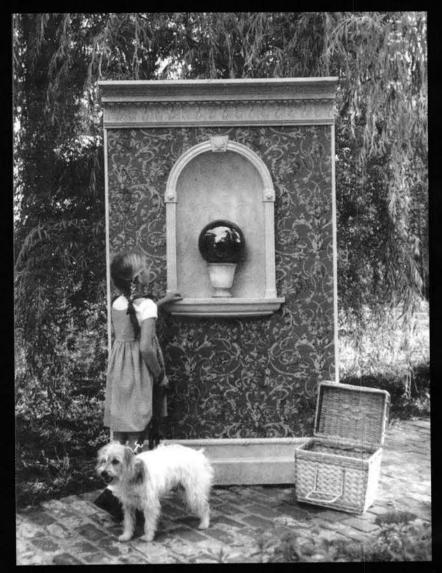
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BILTMORE HOTEL SHINES AGAIN IN MIDTOWN ATLANTA

Adaptive reuse converts the Atlanta Biltmore Hotel into office suites but re-creates the spirit of the roaring '20s with the restoration of two glorious ballrooms.

Owner: Novare Group, Atlanta, Ga. Architect: Menefee & Winer/Stang & Newdow, Inc., J.V., Atlanta, Ga. Landscape Architect: Tunnell & Tunnell, Atlanta, Ga.

PLASTER RESTORATION: WCC INC., KENNESAW, GA.

DECORATIVE PAINTING: INTERNATIONAL FINE ART CONSERVATION STUDIOS, INC., ATLANTA, GA

Then the Novare Group, a developer in Altanta, purchased the historic Biltmore Hotel in 1998, the building was in an advanced stage of deterioration. Formerly the supreme hotel of the South, this 11-story neo-Georgian building was developed in 1924 by William Candler, son of Coca-Cola magnate Asa G. Candler. For almost 60 years the hotel provided luxurious accommodations and was the focal point of much of Atlanta's social life, with dances, debutante balls, and recitals by visiting Metropolitan Opera stars. Sadly, after the hotel closed in 1982, this icon of the roaring '20s became a dilapidated example of urban decay. Prospective development of the stage of t

opers came and went, the homeless sometimes found refuge there, and for over a decade The Biltmore languished in underutilized midtown Atlanta.

The new owner's plan has converted the hotel into 250,000 sq.ft. of upscale office space



These exterior images of the Atlanta Biltmore front elevation show the site under construction (top) and after the revitalization was completed. The windows, now restored or rebuilt by MSI/Pozzi, significantly contribute to the renewed exterior of the Biltmore. In the foreground of the restored entrance, the elan of the original gardens, newly designed by Tunnell & Tunnell, have beautifully replaced an unsightly hotel that was built in the 1960s. The construction photograph shows the entry court after the hotel had been torn down. (Photographs courtesy of Menefee & Winer/Stang & Newdow, Inc.)



IFACS Senior Decorative Painters Massimo Buschi (left) and Michael DeCampi are shown here in the Georgian Room/North Ballroom preparing color samples for the architect and the client. The colors for both ballrooms were inspired by rooms at St. James's Square, London, designed by Robert Adam in 1744.

and 50,000 sq.ft. of retail shops and spectacular ballrooms. The exterior of the Atlanta landmark has been restored to its original appearance as designed by New York architect Leonard Schultz. (Schultz and his firm were well known for the design of New York City's posh Waldorf-Astoria Hotel.) The Atlanta Biltmore is a stately example in the neo-Georgian style with marble terraces, two grand ballrooms, and a formal garden.

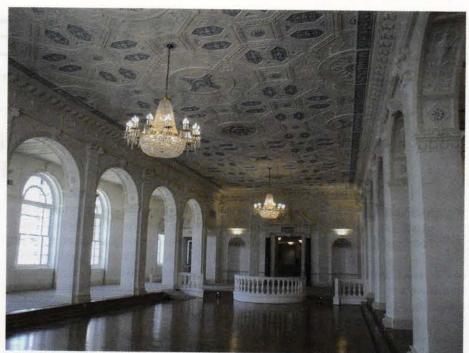
Elegant Exterior Re-Defined

The adaptive-reuse project was carried out by the architectural firm of Menefee & Winer/Stang & Newdow, Atlanta, and a large roster of contractors and consultants. The most dramatic change to the exterior was the removal of ugly air-conditioning units that had been punched into the brick, limestone, and terra-cotta facade. Brick, limestone, and aged mortar joints were carefully filled in to restore the facade to its previous elegance. In addition, MSI/Pozzi spent six months rebuilding or replacing and refurbishing the windows. The landmark roof towers were restored and a 1960s-era three-story hotel was demolished to create a formal entry garden reminiscent of those gardens original to the Biltmore.

continued on following page



This photograph of the Georgian Room (North Ballroom) reveals the details of the restored ornamental ceiling. The central decorated plaster grilles form part of the air-conditioning system. Note the entrance pediment that gives an air of grandeur to the already formal room.



This image shows the Imperial Ballroom (South Ballroom) after completion. This room had less damage than the North Ballroom and was where International Fine Art Conservation Studios (IFACS) began their work. The procedure began with the plasterer who assessed the restoration and consolidated the 40 elements to be recast or replaced — more than a third of the plasterwork in this room is new. With the scaffolding in place and the delamination of previous coatings removed, the painters followed behind with a paint method devised to fast-track the job. First, a stain-resistant primer was applied, followed by two coats of semi-gloss base color. On top of that came a contrasting base color that was wiped off, leaving a trace for shadows and definition. (All interior photographs provided by Geoffrey Steward of IFACS.)

Ballrooms Re-Vamped

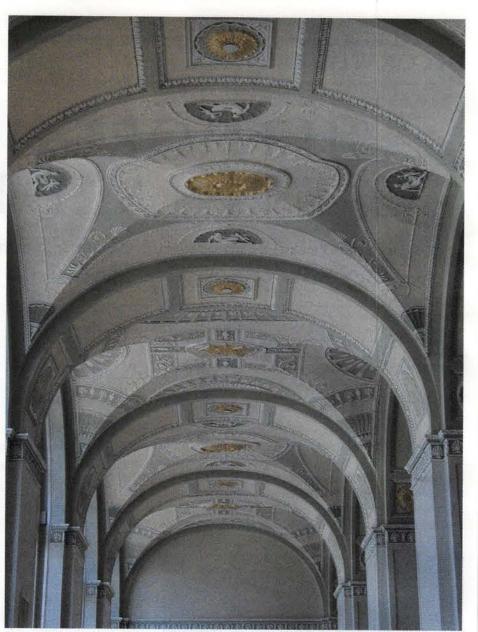
The interior of the hotel was in terrible condition: Very little of the plasterwork remained in the public spaces, and those ceilings had been covered with acoustical tile. Only the two ballrooms could be salvaged in the spirit of what they once were. To accomplish this monumental task, a number of skilled trades were involved, each contracted not through a general contractor, but independently with the owner. For the plaster restoration, WCC, Inc., was hired to restore, consolidate, and recast missing ornamental elements. Geoffrey Steward of International Fine Art Conservation Studios, Inc. (IFACS), put his name forward to do the decorative painting when he heard the Novare Group had



The extreme conditions that IFACS faced at the outset of the project included the Georgian Room/North Ballroom, where 80 percent of the plasterwork had to be re-created with careful casting and moulding. Here we see a detail of the damaged groin vault in the Georgian Room/North Ballroom prior to restoration.



This detail in the Georgian Room/North Ballroom forms part of the frieze above the cornice and a column capital. The existing paint was removed to allow a mould to be taken. Many elements were reproduced in this fashion to replace portions that were missing or too severely damaged to be restored. The plaster restoration was carried out by a highly skilled team from WCC, Inc.



This view of the ceiling in the Georgian Room/North Ballroom shows the restored groined vaulting and gold medallions. After many color samples were done on site, and because of budget restraints, acrylic Golden paint from Golden Artist Colors, Inc., of New Berlin, N.Y., was used instead of gold leaf.

purchased the building. A previous owner had hired IFACS in 1985 to do some color samples for the ballrooms but the project fell through. One of IFACS's many specialties in the art of conservation and restoration is in painted ornamental plasterwork, so Steward was delighted, 15 years later, to work with the Novare Group and the architect to refurbish the dilapidated ballrooms.

The North Ballroom, or the Georgian Room, had the most extensive damage. The South Ballroom was in better condition and was where the work began. For inspiration Geoffrey Steward and Jim Winer selected color palettes designed by Robert Adam for two rooms at St. James's Place in London (an interior-restoration project previously undertaken by IFACS). The stairhall at St. James's provided the golden honey tones for the South Ballroom and "Lady Wynn's" dressing room utilized blues and greens that were reproduced for the North Ballroom. IFACS then prepared color samples for both rooms that were mutually acceptable to the client and the architect. The budget and the fast-track schedule were huge factors when considering the amount of repair and restoration required by the damaged rooms. Nonetheless, the ballrooms were spectacularly completed in time for the 75-year Diamond Jubilee Celebration of the Biltmore. — Henrika Taylor

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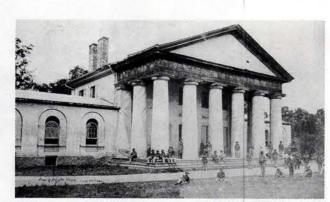
In 1933 the National Park Service became the curators and caretakers of a monumental house that overlooks the Potomac River. The former Custis Lee Mansion, known as Arlington House, is uniquely associated with the Washington, Custis, and Lee families, and was built by George Washington Parkes Custis, step-grandson of George Washington. Robert E. Lee married into the Custis family and lived in this house for 30 years before he resigned from his post in the U.S. Army to serve as Virginia's military commander. Shortly thereafter in 1861, the Custis Lee Mansion was occupied by the Union Army of the Potomac and remained in the possession of the War Department throughout the Civil War. In 1864 Arlington National Cemetery was established on the property and the house was used as living quarters and offices for the staff of the cemetery. The War Department began efforts to restore the house as a monument to Robert E. Lee in 1925, and by 1933 ownership of the house was transferred to the National Park Service.

An English architect, George Hadfield, designed the Greek Revival-style mansion to provide a hilltop presence that could be viewed from the Potomac River. The entire front facade and the portico's eight brick Doric columns were

stuccoed and marbleized to give a theatrical quality to an otherwise typical
plantation home. Arlington House was in
construction from
1802 until the final
phase was completed
in 1817. George Hadfield was well known
at the time for his
work overseeing construction of the Capitol.

Arlington House

continued on page 88



This 1864 archival photograph of Arlington House by Andrew J. Russell shows Union soldiers lounging around the main portico. Under close examination, the photo also shows traces of the original faux-stone finish at the top of the columns where it had been sheltered from the weather. Such photographs were invaluable in recreating the original theatrical stone effects intended by the home's builder.



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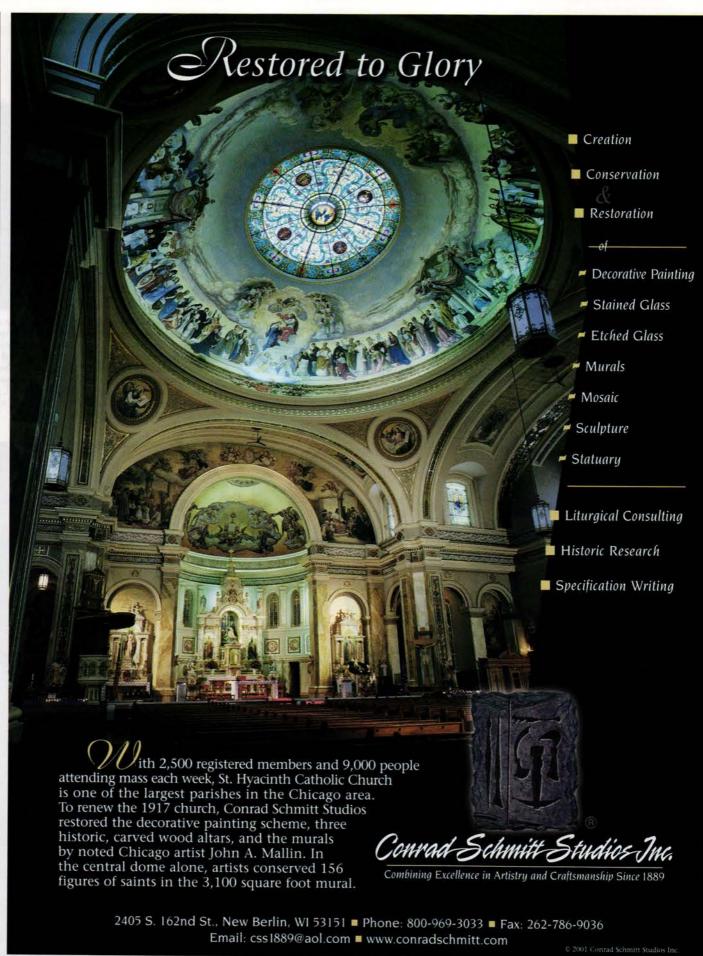
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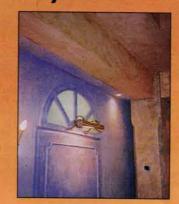


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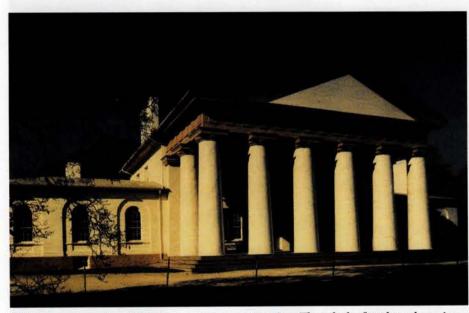
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KEIM Basics

The National Park Service selected KEIM Mineral Systems as the coating for the Arlington House restoration, based on its expected durability and the results of extensive testing by Mame Cohalan, the U.S. representative for KEIM Mineral Systems. Most latex paints are stable for two to three years before another paint job is necessary. Typical paints no longer contain lead and therefore tend to deteriorate quickly, which makes already-expensive faux finishes even more expensive and time-consuming to maintain. KEIM Mineral Systems, however, is an unleaded formula that is well known in Europe for its durability, color fastness, and breathability. The mineral base prevents color from shifting (as would a pigmented or dyed base), and the KEIM silicate system can be used as a protective coating for restored stone and terra-cotta surfaces.



This image shows the Arlington House pre-restoration. Though the facade and portico had been faux-finished since 1973, the current restoration is a more accurate interpretation of the historic original. (Photo courtesy of the National Park Service)

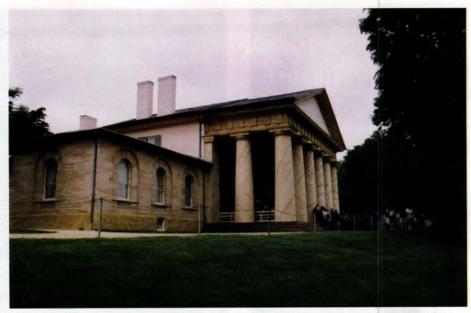


This photograph shows a detail of the entablature painted (with acrylic latex, not KEIM) to resemble polished Sienna marble, a common faux finish from the 1800s. The Decorators' Painters' and Glazier's Guide by Nataniel Whitlock, published in 1828, provided directions on how to imitate Sienna marble. (Photo: Shannon Cohalan)

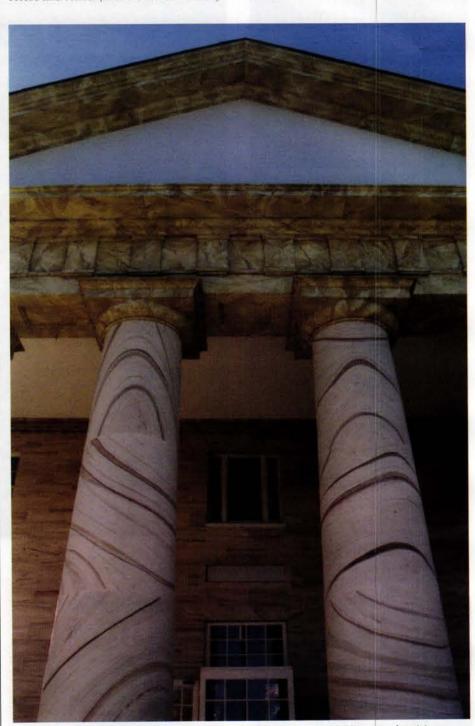
Developed in Germany, KEIM was the first company in the world to successfully combine waterglass (potassium silicate) and mineral-color pigments to produce a liquid stone that chemically reacts with the mineral substrate to which it is applied. The Royalan System used on the Arlington House project is a generic development of the KEIM cold-fresco system that is engineered to meet the challenges of extreme climate conditions. For 130 years, KEIM has manufactured mineral 'paints' and though not widely known in the U.S., there is record of an artist/craftsman in Chicago who successfully used KEIM in the early 1900s. In recent history, KEIM became a more-familiar product in 1979, when EverGreene Painting Studios used the system to paint exterior murals designed by artist Richard Haas. Mame Cohalan, a former muralist herself, served as a consultant on the Arlington House project and developed the KEIM treatment to meet the National Park Service's warranty requirements.

Enter EverGreene Painting Studios

Jeff Greene of EverGreene Painting Studios became interested in the Arlington House when his company participated in some interior restoration work in 1995. At that time, Greene met the curator and discovered that the facade of the house had been faux-finished. This kind of restoration work intrigues Greene: Replication of historic finishes is one of his company's areas of expertise. In 1999, after funding was approved, EverGreene bid on the project, received the contract, and began work in the fall of 1999.



In this post-restoration photo of the facade and front portico, note the exuberant veining on the columns and the "over-the-top" quality the faux finish gives to the house. The base of the house has a pebble-dash finish resembling unpolished Sienna marble. The portico columns and facade are painted to resemble Aquia sandstone, an indigenous sandstone quarried at the Aquia Harbor near Washington, D.C. Aquia sandstone was commonly used during the 1800s on many federal buildings, including the White House. Not a particularly durable material, the sandstone was usually painted for stability. The restoration was based on archival photographs; paint analysis provided the colors and tones. (Photo: Shannon Cobalan)



One important audience for Mr. Custis' original faux-stone painting was the citizenry of Washington, D.C., far across the Potomac River; thus the accentuated theatricality and "over the top" quality of the veining — almost like a stage set. According to Jeff Greene, the major, and most difficult, part of the job was the stripping and the consider able plaster and stucco restoration. The final 10% of the job, the actual faux work, was the fun part. Weather conditions and the need to work without impeding the continuous stream of visitors further complicated the job. Yet the project was successfully completed in time for the main tourist surge in the summer of 2000. (Photo: Shannon Cobalan)

According to Greene, the project, of which he is very proud, was challenging on a number of levels. The Arlington House sees a half a million tourists annually and could not be closed, so EverGreene endeavored to work around its daily operation hours and special ceremonies, and persevered through a very rainy, humid fall. The first part of the process was to strip the seven or so layers of the latex and primers, which had accumulated since the 1960s. At the bottom of all the paint layers were trace elements of the original faux finish. Paint analysis confirmed that the main facade and portico columns were finished to resemble sandstone with very pronounced veining; the entablature and base simulated Sienna Marble. KEIM was used only on the stucco surfaces, while the wood surfaces, including the entablature, were painted or faux-finished with standard acrylic latex paint. The return of these finishes contributes an exuberant, gutsy quality to the house, which is sure to impress the millions of visitors it will receive in coming years. — Henrika Taylor







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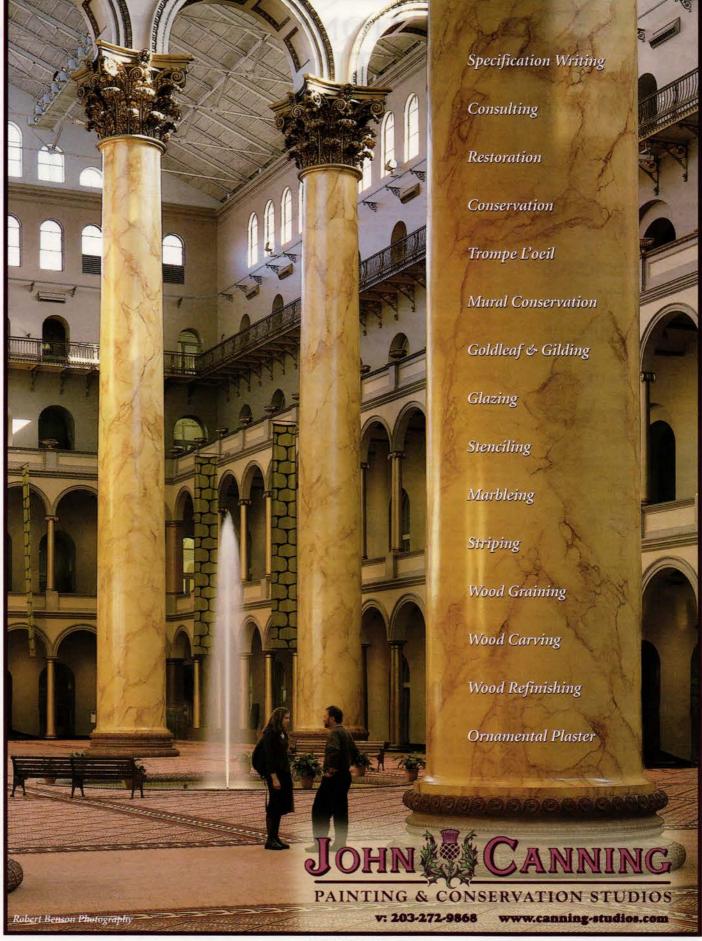
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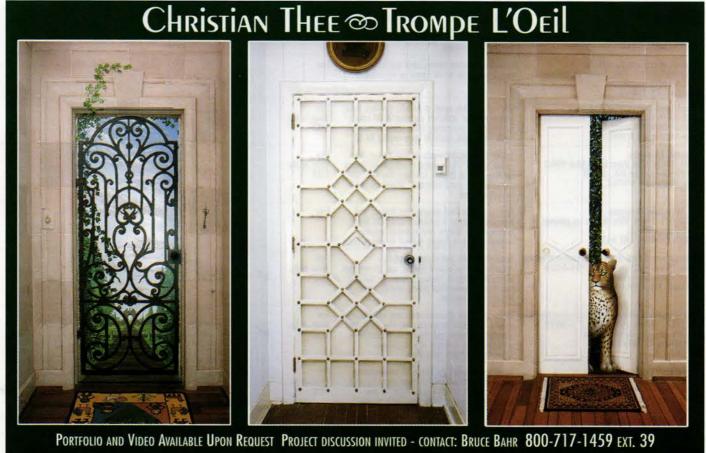
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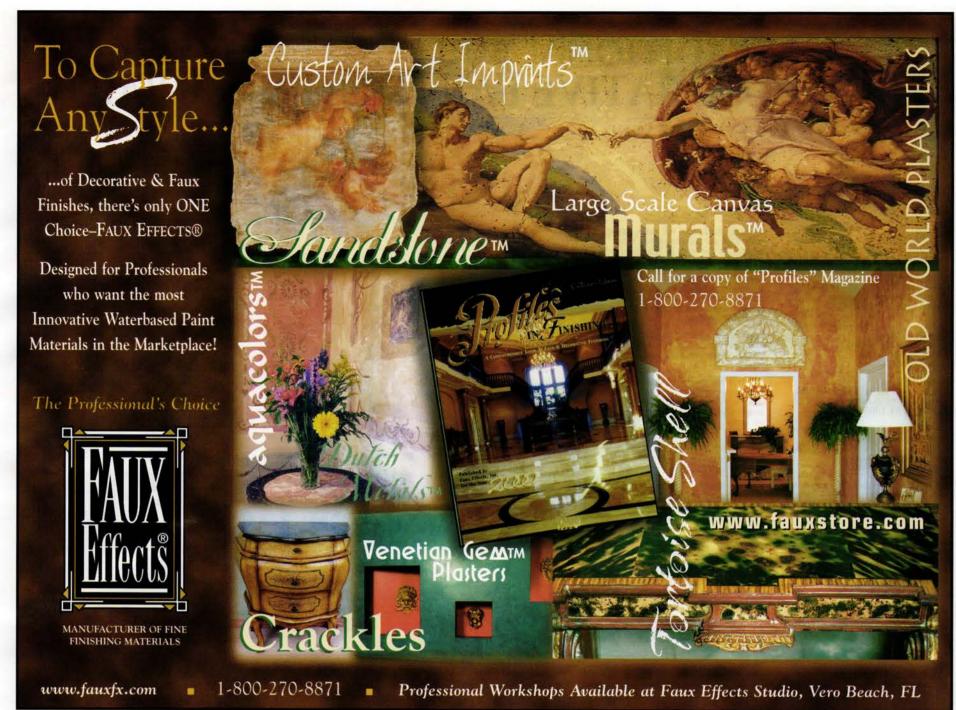
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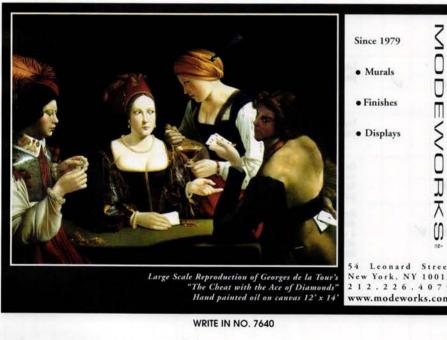


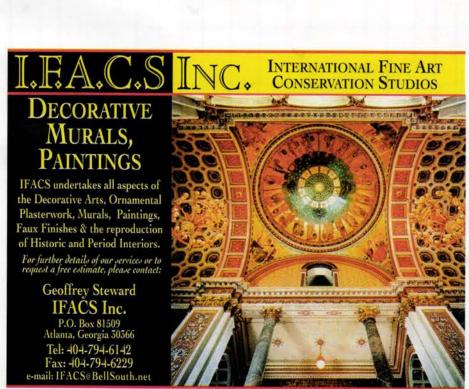
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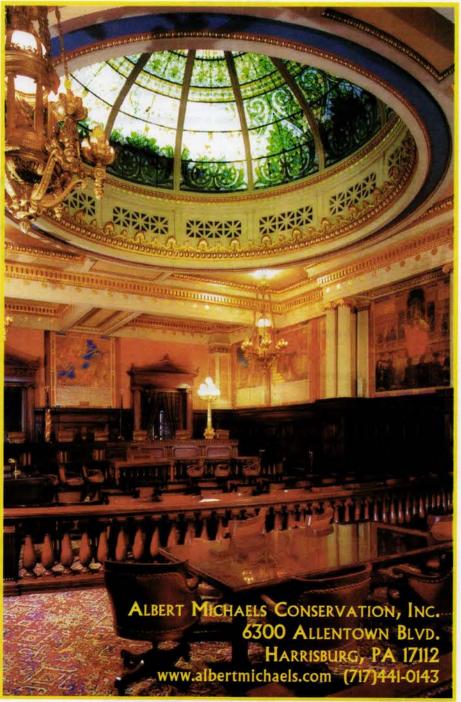


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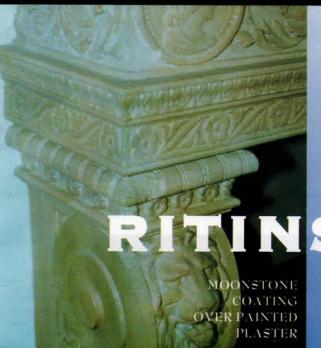


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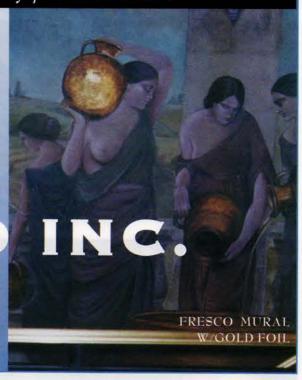
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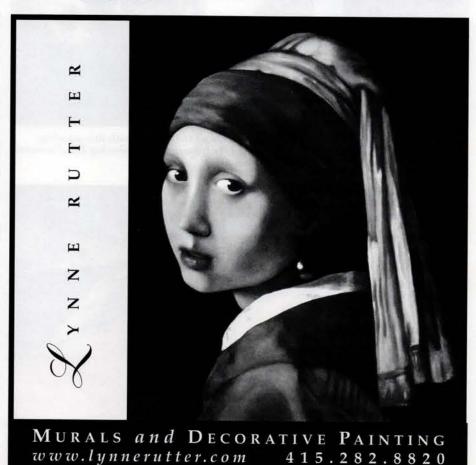
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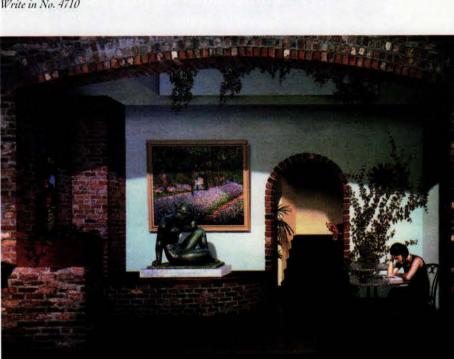
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The Cafe Trompe L'Oeil in San Jose, Calif., lives up to its name with this amazing, 13x20-ft. trompe l'oeil mural, "Art Imitating Life Imitating Art Imitating Life," created by PUGH PAINTING STUDIO. Write in No. 251



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EASY LEAF gilding products and methods were demonstrated by master gilder John Sansbury at the Restoration/San Francisco show. Write in No. 1980



D.C., features this clever fake entryway: a trompe l'oeil illusion from PECK STUDIOS. Write in No. 208

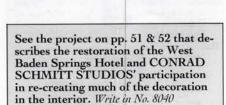
The Walker Building in Washington,



Artist Richard Poyorena of CREATIVE FAUX & PAINTING provided the realistic blue sky with clouds as well as the faux marble for the interior of the Tangier Restaurant in Akron, Ohio. Write in No. 8173



gold leaf by the experts of THE GILDERS' STUDIO. Write in No. 8980





THE TEXSTON COMPANY provided the Veneciano walls and Marmorino escalator rails for this Sheraton Hotel in California. Write in No. 922

94 ■ JULY/AUGUST 2001



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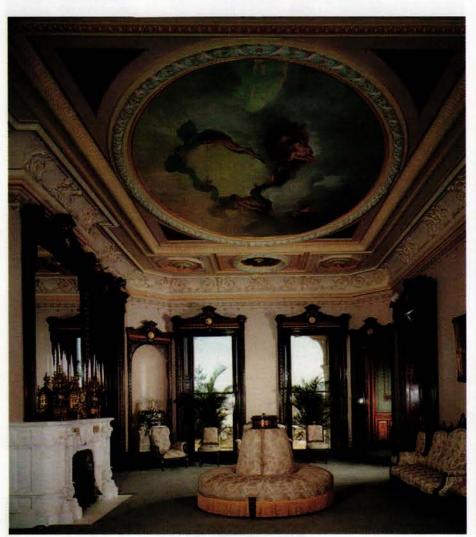
The Old-Fashioned Milk Paint Company, Inc. Dept. TB P.O. Box 222 Groton, MA 01450-0222 Telephone (978) 448-6336 FAX (978) 448-2754

DECORATIVE PAINTING PORTFOLIO

For full contact information on these companies, consult the SourceList on pp. 90-92.



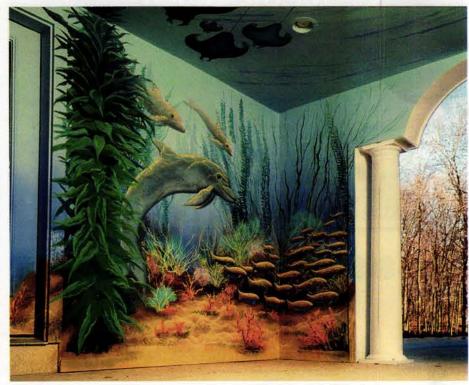
This barricade for St. John's Boutique in New York City — a trompe l'oeil marvel from the artists of MODEWORKS — looks more attractive than most real storefronts. Write in No. 7640



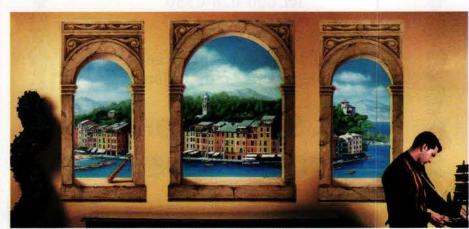
JOHN CANNING & CO. restored the gilding and decorative painting in the drawing room of the 1868 Lockwood-Mathews Mansion in Norwalk, Conn. Write in No. 5100



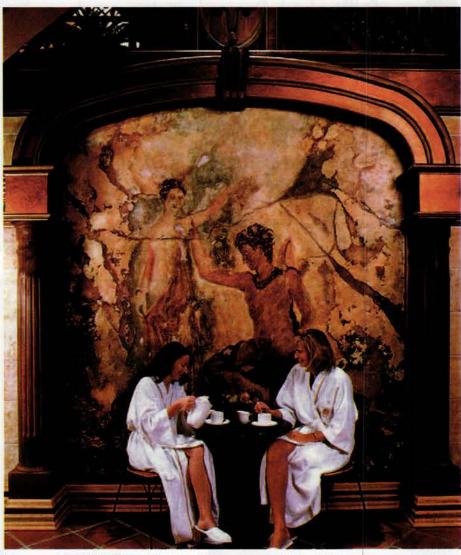
FAUX EFFECTS provides large-format, wall and ceiling art systems on easy-to-install canvas, which can be custom-finished with special finishing and distressing techniques. Write in No. 4690



In addition to traditional murals, architectural motifs, trompe l'oeil and faux finishes, OFF THE WALL MURAL COMPANY designs and paints museum-quality dioramas such as this Connecticut resort pool area. Write in No. 26



GUIDED IMAGERY's award-winning mural collection, "Porto Santo Stephano," is displayed at the Kimpton Group's The Tuscan Inn in San Francisco. Write in No. 2527



The spa of the Pillar & Post Hotel in Niagara-on-the-Lake, Ont., is adorned with the "Fresco Mural" created by RITINS STUDIO. Write in No. 4630



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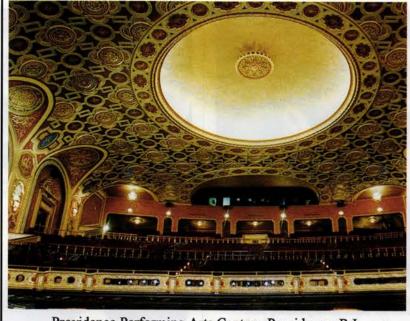
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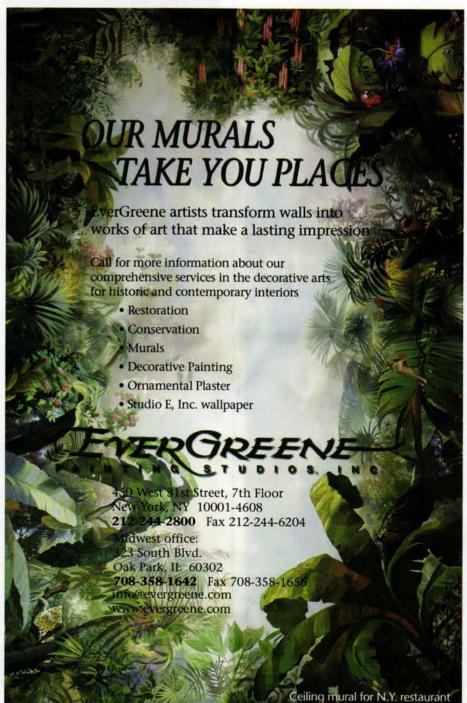
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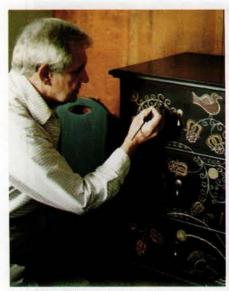
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For full contact information on these companies, consult the SourceList on pp. 90-92.



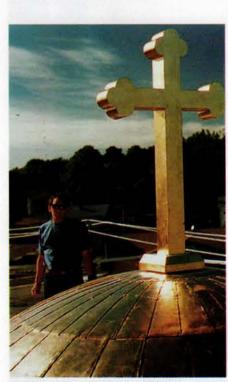
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SEE.PAINTING created this memorable faux-fresco painting, a detail of Michelangelo's "The Creation Of Adam," for a New York City cafe.



SEPP LEAF is a respected source of brushes, waxes, and polishes for decorative finishes and gilding. Write in No. 2880



Gold leaf from SWIFT & SONS was used to gild the exterior dome and cross of this church. Write in No. 2490



W.H. COE supplies gold-leaf products and gilding supplies, domestic and imported. Write in $No.\,399$



There's nothing on this octagonal table top except acrylic paint — and the trompe l'oeil artistry of CHRISTIAN THEE & ASSOCIATES. Write in No. 7760



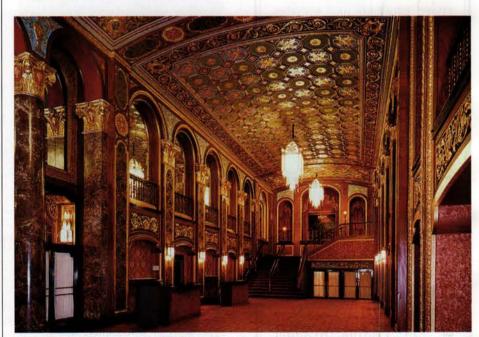
It looks like carved stone, but this bas relief is actually a foam board, faux-finished by LEPOWORKS to imitate granite. Write in No. 1034



This trompe l'oeil mural, painted with acrylics on sheetrock, exemplifies the imaginative skills of ARTISTIC INTE-RIORS. Write in No. 79



EVERGREENE PAINTING STUDIOS created this mural of a Central Park landscape for the ballroom of Sofitel in New York City. Write in No. 2460



The Providence Performing Arts Center in Rhode Island, a National Register theater built in 1928, turned to NEW MILLENNIUM for the restoration of its original finishes, designs, and colors. *Write in No. 2662*



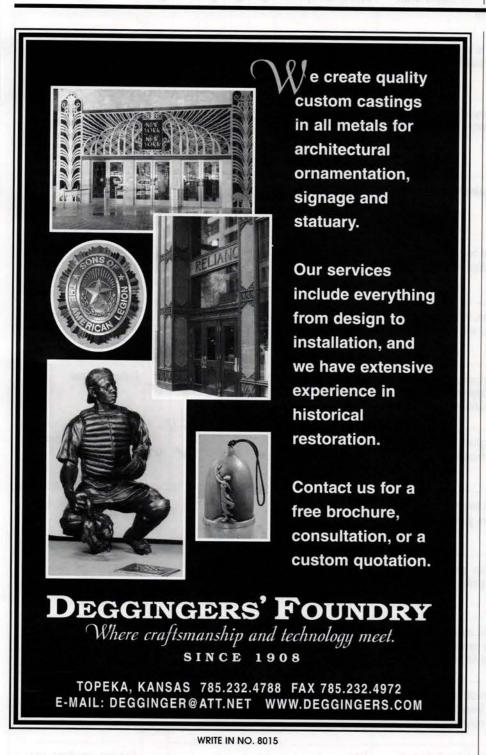
The columns, niches, urns, and statues seen here are all the trompe l'oeil wizardry of MICHAEL DILLON. Write in No. 5045

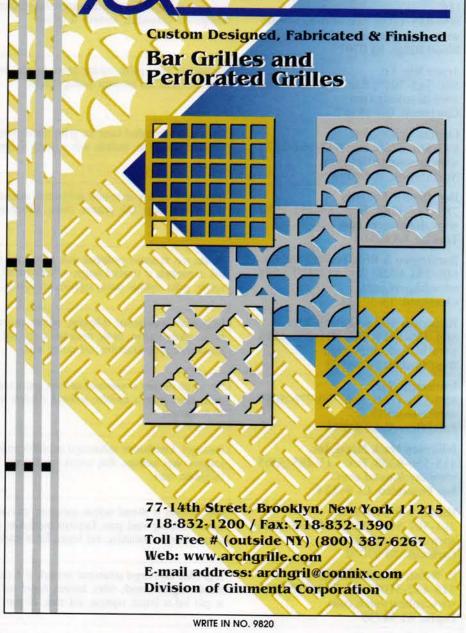
REGISTERS & GRILLES

s there any industry which has been altered more substantially by the preservation movement than the manufacturers of registers and grilles? Their products used to be the dirty little secret of interior design: "Just pretend that that bland metal register cut into the wall really isn't there." Today, you can select registers and grilles which you'll want to point out to visitors. There now exists a plethora of grillework patterns, a spectrum of

available colors, and an array of materials — and of course, there also exists an awful lot of suppliers from which to choose. To simplify that task the editors have compiled the *SourceList* on page 100. We've also included sources of baseboards and radiator covers; makers of custom grilles; and a breakdown of which supplier specializes in what material. Now you can stop pretending that what is there isn't there, and start enjoying what is there!

ARCHITECTURAL GRILLE











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Arsco Mfg. Co. 800-543-7040; Fax: 513-741-6292 www.arscomfg.com Cincinnati, OH 45247	Manufactures metal grilles, radiator covers, fin-tube, baseboard, and convector covers for steam and hot-water heating systems.	Free Write in No. 8610	54	V	V	~	~	Stamped metal, perforated metal
Custom Grilles, Inc. 847-564-2266; Fax: 847-564-2277 www.customgrilles.com Northbrook, IL 60062	Source of custom-crafted linear bar grilles manufactured from extruded aluminum components. Available with a variety of anodized and painted finishes.	Free		V				Aluminum
Deggingers' Foundry 785-232-4788; Fax: 785-232-4972 www.deggingers.com Topeka, KS 66603	Specializes in turnkey ornamental architectural aluminum, brass, bronze, iron, or steel from design, CAD, patterns, casting, fabrication, and assembly to installation.	Free Write in No. 8015	~	V				Aluminum, brass, bronze, iron, steel
Harrington & King Perforating Co. 800-251-6026; Fax: 423-479-8694 www.hkperf.com Cleveland, TN 37323	Manufactures decorative perforated steel, bronze, and aluminum in custom, as well as hundreds of standard designs for architectural applications; air-flow screens, grilles, radiator covers, registers, and lighting diffusers.	Free Write in No. 1020	~	~		V	~	Perforated metal
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.	Free Write in No. 1210	-	~		V	•	Cast iron, cast aluminum, cast bronze
Ironsmith, Inc. 800-338-4766; Fax: 760-776-5080 www.ironsmith.cc Palm Desert, CA 92255	The largest selection of pedestrian-safe tree grates and trench grates; custom-radius trench grates a specialty; custom & standard tree grates from 3 ft. to 10 ft. diameter.	Free Write in No. 9000		~				Cast iron, cast aluminum, cast bronze
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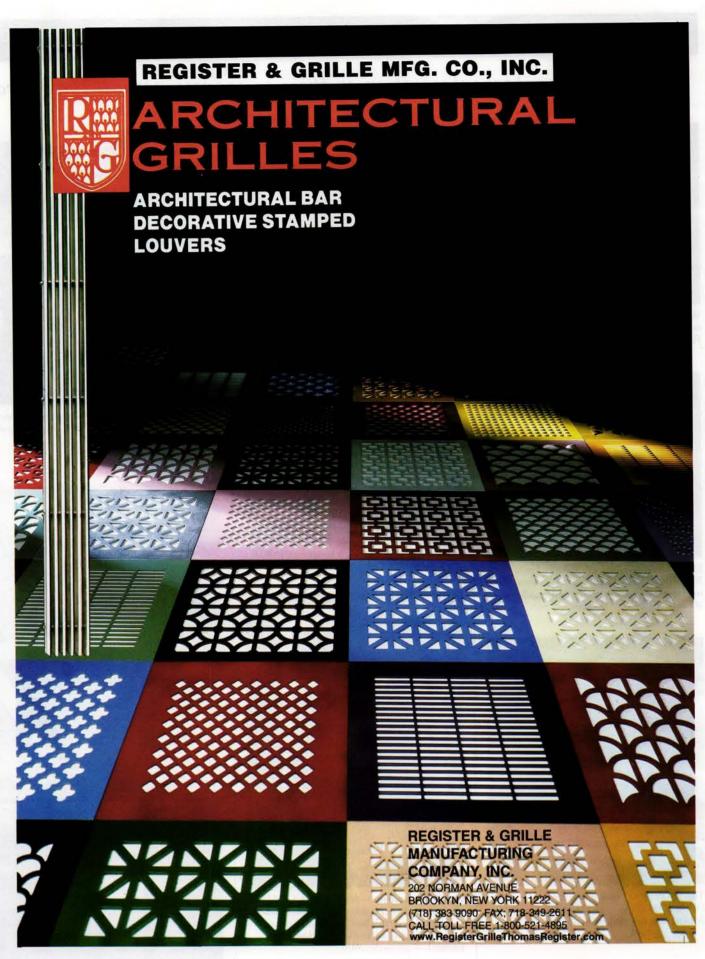
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For full contact information on these companies, consult the SourceList on page 100.



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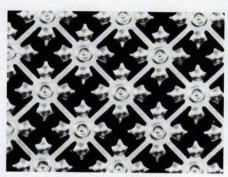
Decorative radiator enclosures from MONARCH PRODUCTS serve to channel heat away from walls and windows. Write in No. 6060



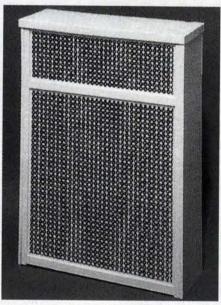
The "Starburst" tree grate from IRONSMITH is available with 1/4- or 3/8-in. slot openings. Write in No. 9000



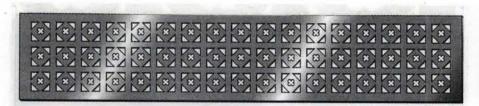
REGGIO REGISTER's kickspace hydronic unit mounts flush with the wall and fits neatly into cabinets, bookshelves, and even stair risers. Write in No. 5810



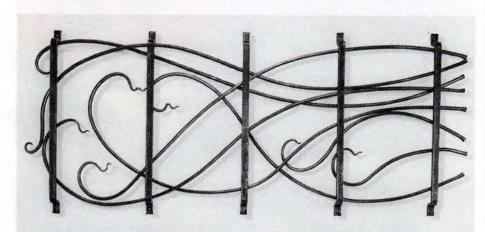
HARRINGTON & KING offers an array of decorative designs in perforated sheets, metallic and non-metallic. Shown here is the embossed "Rosette," which is 46% open. Write in No. 1020



Radiator enclosures from ARSCO MFG. are made of furniture-quality cold-rolled steel, and are finished inside and outside with lead-free, satin-finish baked enamel. Write in No. 8610



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This rhythmic, custom wrought-iron grille is the handiwork of JEFFERSON MACK METALS. Write in No. 1079



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REGISTER & GRILLE MFG. offers its products in a range of standard and custom colors to accentuate different design styles. (Photo: Cervin Robinson) Write in No. 2518



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A CEILING IS ONLY THE BEGINNING

ome blame Michelangelo for transforming the ceiling of the Sistine Chapel; others point fingers at all those planetariums, projecting starry skies above their audiences' heads. But whoever is at fault, the fact remains that virtually no architect or interior designer can today regard the ceiling as just a blank field. Hence the *SourceList* that begins on page 106. A ceiling may in fact be the underbelly of somebody else's floor, but it's still an opportunity to expand the design scheme of an interior into a unified, transformative expression of style and character. If one isn't going to change the shape

of the ceiling itself with a dome, there are still a variety of panels that can be applied, in a near-infinite range of patterns and designs, and in materials from metal and wood to plaster and polymer. And whether or not that ceiling sports a dome or panels or medallion, it's always ripe for the addition of a traditional fan. These machines can be obtained in either motor- or belt-driven models, but whatever their technology, they have the same period look — and refreshingly efficient cooling capabilities — to make everyone want to stay indoors just a little bit longer.

ORNAMENTAL CEILINGS & FANS PORTFOLIO

For full contact information on these companies, consult the SourceList on pp. 106-108.



The "Empire Center" sheetmetal ceiling ornament from W.F. NORMAN measures 8x8 ft. and is composed of eight plates, each measuring 2x4 ft. Write in No. 520



GRAND ENTRIES fabricates and installs custom ceiling systems, such as this fanciful dome.



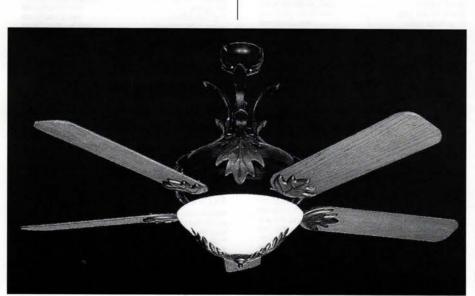
The "Magellan" indoor/outdoor fan from MINKA AIRE reflects a nautical theme in its design.



FANIMATION's new Hemingway series of fans, called "The Old Havana," are available in wall, floor, desk, and, shown here, ceiling models. Write in No. 9550



Decorative-ceiling panels in tin-plated steel, such as this 2x2-ft. "Victorian Design" pattern, are obtainable from CHELSEA DECORATIVE METAL. Write in No. 190



The "Woodlands" ceiling fan from REGENCY features leaf and stem accents on the fan's body and light fixture. Write in No. 2824



Plaster ceiling medallions are a specialty of ARCHITECTURAL SCULPTURE & RESTORATIONS. Write in No. 4590



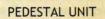
CLASSIC PLASTER STUDIOS created this impressive ornamental ceiling in plaster, complete with gilded and painted highlights. Write in No. 2522

A Touch of the Tropics

The Old Havana Fan by Fanimation, inspired by Ernest Hemingway, makes a statement about boundary-free living and the power of an adventuresome spirit. The magic and mystique of Havana is captured in this exotic fan, offering timeless beauty and enduring romance. Choose from wall, pedestal, ceiling and floor/desk units in a variety of optional custom accessory kits, including finishes in polished brass, pewter and antique copper and a choice of two custom carved columns. Grace your home with The Old Havana Fan...and put a little adventure into your life.







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) 3T HEMINGWAY COLLECTION are trademarks of Hemingway Ltd. and under exclusive license through Fashion Licensing of America, Inc. New York, NY 10165

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FLOOR/DESK UNIT

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





TRADITIONAL BUILDING SourceList for RNAMENTAL CEILINGS & FANS

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Cumberland Woodcraft Co. 800-367-1884; Fax: 717-243-6502 www.cumberlandwoodcraft.com Supplier of architectural details offers complete line of Write in No. 1310 ornate appointments, from carved capitals, corbels, moldings, onlays, and medallions to completed cabinetry; Carlisle, PA 17013 bars with back bars, service counters, detailed wall Decorators Supply Corp. 773-847-6300; Fax: 773-847-6357 www.decoratorssupply.com Chicago, IL 60609 14,000 patterns for period architectural elements and Write in No. 210 molded ornament, from ceiling medallions to mantels, in plaster of paris, compo, and wood since 1893. Set of 5 catalogs, \$30. Diamond Manufacturing, Inc. 800-343-1009; Fax: 816-421-4735 Interior/exterior molded ornament; custom and standard Metal coatings Write in No. 583 parts available. Custom-cast pieces with brass, bronze, www.diamondmfg.com copper, or nickel-silver metal coating available. Kansas City, MO 64116 Entol Industries, Inc. Large selection of stock and custom architectural ornament 800-368-6555; Fax: 305-247-6211 Write in No. 2950 and other elements in polymer, wood, gypsum, GRG, FRP, etc.; primed or prefinished; interior or exterior. www.entol.com Homestead, FL 33030 **Fanimation** Ceiling-, wall-, and floor-mounted fans: belt-&-pulley-driven 888-567-2055; Fax: 866-482-5215 www.fanimation.com Write in No. 9550 fans; the Islander with real palm leaves; the Palisade with Lebanon, IN 46052 vertical rotation; the Punkah with side-to-side synchronized motion; new Hemingway series, "The Old Havana." Felber Ornamental Plastering Corp. 800-392-6896; Fax: 610-275-6636 3,000-plus models and molds and an experienced crew of Write in No. 2890 sculptors, modelmakers and casters to complete any size www.felber.net Norristown, PA 19404 Fischer & Jirouch 216-361-3840; Fax: 216-361-0650 Wide selection of hand-crafted plaster architectural Write in No. 1960 ornament for interior and exterior applications, including www.fischerandjirouch.com columns, capitals, ceiling medallions, and fireplace mantels. Cleveland, OH 44103 Flex Moulding, Inc. 201-487-8080; Fax: 201-487-6637 www.flexiblemoulding.com Hackensack, NJ 07601 This company offers over 3,000 flexible and rigid moldings, Write in No. 4900 spot decorations, simulated wood carvings, and more; rigid

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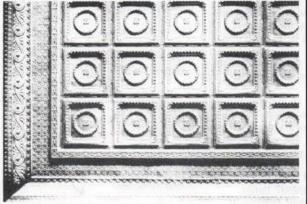
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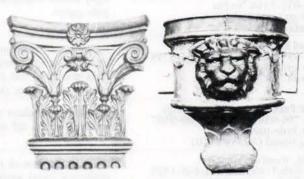
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 ★ Finials
- ★ Scrolls ★ Leaves ★ Friezes ★ Canopies
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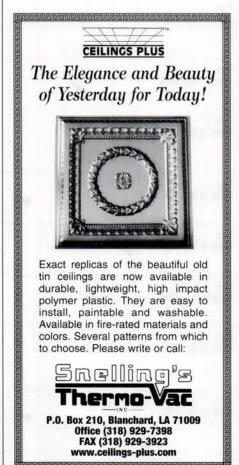
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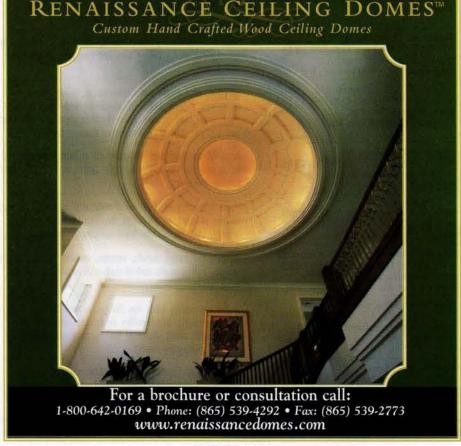
Our manufacturing process enables us to make reproductions of original panels on a custom basis... or to produce your original design. Call us to discuss your needs.

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WRITE IN NO. 8450



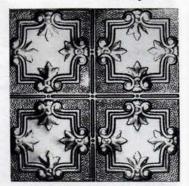


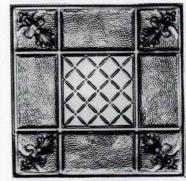
TRADITIONAL BUILDING SourceList for RNAMENTAL CEILINGS & FANS

COMPILE	D BY COLE GAGNE								1			CS	81# 09500
COMPANY	SPECIALTY	Literature	Stamped Metal	Paneled Wood	Polymer Panels	Gypsum Panels	Ceiling Medallions	Plaster Ceilings	Molded Domes	Stained-Glass Domes	Motor-Driven Fans	Belt-Driven Fans	Other
Goodwin Associates 716-248-3320; Fax: 716-387-0153 P.O. Box 18605 Rochester, NY 14618	Architectural-building-products specialists: columns, moldings, arches, pilasters, cornices, and balustrade systems are available in a variety of materials. Custom services also use a variety of materials.	Free Write in No. 806	~	a	~	3	V	a	×	SO.	EM	ğ	Other
GP Gypsum Corp. 404-652-5348; No Fax yww.gp.com/plaster Atlanta, GA 30303	Highly detailed ornamental moldings cast from architectural-grade gypsum.	Free Write in No. 8045				~	v						
Grand Entries 606-655-3227; Fax: 806-655-6795 www.grandentries.com Canyon, TX 79015	Fabricates and installs custom ceiling systems for high-end residential and light-commercial-building markets: groined vaults, oval-shaped brick domes, radial and eliptical planed polygons, trefoil domes, cloistered domes, and more.	Free											Custom groined vaults, planed polygons, oval bri domes, cross vaul
lyde Park Fine Art of Mouldings 18-706-0504; Fax: 718-706-0507 ww.hyde-park.com ong Island City, NY 11101	Stock and custom plaster mouldings fabricated using traditional methods and materials.	Free Write in No. 802				V	V	V					
D.M. Woodworking, Inc. 201-646-1480; Fax: 201-646-1595 226 Huyler St. Gouth Hackensack, NJ 07606	Designs and produces all types of projects, from architectural interior woodwork and ornamental ceilings to individual pieces of furniture. Specializes in paneling, ceilings, and cabinetry. Complete millwork packages.	Free Write in No. 8166		,									
Manor Style, Ltd. 800-325-2188; Fax: 410-298-0848 5741 Whitestone Rd. Baltimore, MD 21207	Architectural columns, decorative capitals, & balustrade systems produced in fiberglass, load-bearing composites, preformed polymers, & wood. Stock column sizes: 8-, 10-, 12-in. dia.; special sizes, 14 to 48 in. up to 30 ft. high.	Free Write in No. 703			v		~		v			Ž	1000
Master Of Plaster Finishing Systems, Inc. 300-352-5915; Fax: Same as phone www.masterofplaster.com Ssex, NY 12936	Ceilings cast in panels for ease of installation; no detail work or painting necessary; custom designs or choose from stock.	Free Write in No. 2537						~					
Minka Aire Ceiling Fans 109-735-9220; Fax: 909-735-9802 ww.minkagroup.net Corona, CA 92882	Creator of award-winning ceiling-fan designs from the modern to the traditional. Fans are available in a variety of sizes and hand-painted finishes. Sold exclusively through specialty-lighting showrooms and ceiling-fan retailers.	Free									~		
IKO Contracting Co. 12-687-1517; Fax: 412-687-7969 ww.nikocontracting.com ittsburgh, PA 15213	Nationwide roofing and sheetmetal contractor has extensive experience in historic-restoration projects: custom architectural sheetmetal work, artificial patination of copper, standing-seam, slate, tile, and other historic roofing.	Free Write in No. 861	V										
old World Mouldings, Inc. 31-563-8660; Fax: 631-563-8815 ww.oldworldmouldings.com ohemia, NY 11716	Manufacturer of quality hardwood moldings and millwork. Specialist in custom reproductions and renovations. Over 400 profiles in stock. Full product line available on-line for review and purchase.	Free Write in No. 274	10	v									
Owen Fine Furniture 165-268-2427; Fax: 765-268-2466 www.owenfinefurniture.com Delphi, IN 46923	Supplier of replacement ceiling-fan blades handmade in a variety of styles and woods.	Free											Ceiling-fan blades
eflection Studios, Inc. 10-652-4884; Fax: 510-658-6138 418 62nd Street meryville, CA 94608	For over 25 years, this studio has produced exceptional work in stained glass, both original pieces & museum-quality restoration. A licensed glazing contractor; many large commercial and government projects.	Free Write in No. 7930								~			
egency Ceiling Fans 36-349-3000; Fax: 636-349-2333 ww.regencyfan.com enton, MO 63026	Full line of decorative ceiling fans and lighting, from economical builder-series fans to custom-designed signature-series great-room ceiling fans.	Free Write in No. 2824								- 1	V		
enaissance Ceiling Domes 00-642-0169; Fax: 865-539-2773 ww.renaissancedomes.com noxville, TN 37921	Hand-crafted ceiling domes, any size; primed gypsum shells or fully finished turn-key installed. Specialist in coffered interiors, hardwoods, custom shapes, pre-wired light systems, stained-glass oculus, and more.	Free Write in No. 325	9 101	300	3				V		111		1
nelling's Thermo-Vac, Inc. 18-929-7398; Fax: 318-929-3923 ww.ceilings-plus.com lanchard, LA 71009	Supplies decorative polymer ceiling tiles and moldings. Tiles are replicas of tin ceiling tiles and can also be used as wall panels.	Free Write in No. 8450	i veri i m	mini Gene	~				0,				1
teptoe & Wife Antiques, Ltd. 00-461-0060; Fax: 416-780-1814 ww.steptoewife.com oronto, ON, CANADA M6B 1V9	Specialist in custom metal fabrications, using decorative stampings, copper and zinc, aluminum and iron castings, steel, brass, and bronze. Also, Victorian-style cast-iron spiral and straight staircases; decorative drapery hardware.	Free Write in No. 9201	~										Embossed wallpape suitable for ceiling serving Canada on
uperior Moulding, Inc. 00-473-1415; Fax: 818-376-1314 953 Sepulveda Blvd. an Nuys, CA 91411	Array of standard and non-standard moldings and related finish materials in any size, style, shape, and species; short turnaround times.	Free Write in No. 138					V		,				
F. Norman Corp. 00-641-4038; Fax: 417-667-2708 O. Box 323 evada, MO 64772	Major fabricator of sheetmetal ornament; hundreds of stock designs of cornices, moldings, brackets, pressed-metal ceilings, etc.; duplication from samples or drawings.	Free Write in No. 520	V	8									W-2-0
hite River Hardwoods-Woodworks 00-558-0119; Fax: 501-442-0257 ww.mouldings.com ayetteville, AR 72701	Hand-carved swags, scrolls, rosettes, centers, drops, corners, corbels, and capitals; embellished architectural moldings, curve work.	Free Write in No. 1099		~							guldi		Resin curve work
oolen Mill Fan Co. 17-382-4754; Fax: Same as phone ww.architecturalfans.com ew Park, PA 17352	Studio reproduces early fan designs as well as some original designs; belt-&-pulley models as well as beltless single-motor units; choice of iron, bronze, or aluminum castings; mahogany blades.	Free Write in No. 316									~	~	
Vorthington Group 00-872-1608; Fax: 334-566-5390 ww.architectural-details.com roy, AL 36081	Supplier of architecturally correct columns in wood or PermaCast, round and square. Clear columns available in seven species. Also, cornice moldings, balustrading, niches, medallions, pedestals, and PermaPorch.	Free Write in No. 1633				0.5	~						

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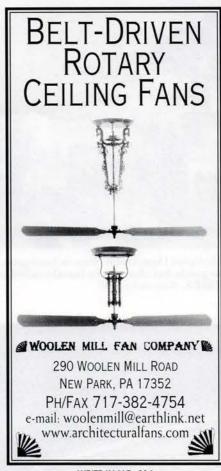
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maintains the central Website for historically styled products and services on the Internet -products used for restoration, renovation, and new construction projects. There's more information and links to historical products than you'll find on any other site.

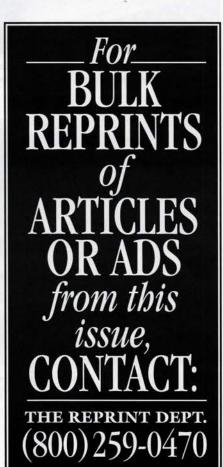
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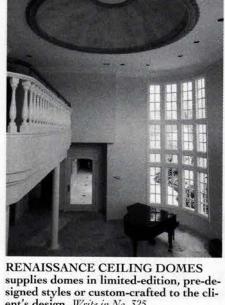


ORNAMENTAL CEILINGS & FANS PORTFOLIO

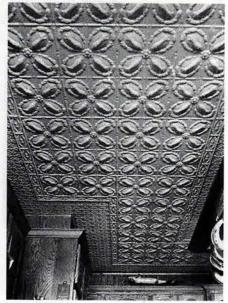
For full contact information on these companies, consult the SourceList on pp. 106-108.



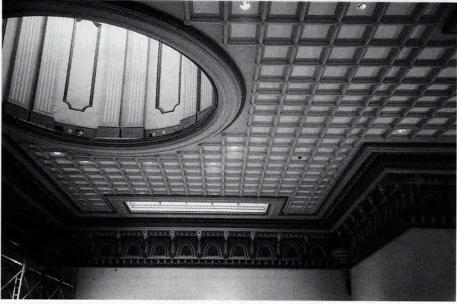
J.D.M. WOODWORKING produces elaborate ornamental ceilings such as this impressive coffered installation. Write in No. 8166



ent's design. Write in No. 325



CLASSIC CEILINGS supplies tin ceilings that are hand-finished in antique copper, antique brass, pewter, or original finish. Write in No. 2400



NIKO CONTRACTING repaired the cornice and installed a new pressed-metal ceiling and bronze skylight in the lobby of the South Carolina State House. Write in No. 861



McAlpins Department Store in Lexington, Ky., impresses its customers not just with its goods, but also with its barrel-vaulted ceiling, manufactured by ENTOL INDUS-



The Mapleview Mall turned to STEPTOE & WIFE for its tin ceiling and cornice. Write



The 2x2-ft. metal Snap-In ceiling panels from AA-ABBINGDON are available in primed steel and prepainted white. Write in No. 8920



The "Elegance" ceiling tile from SNELLING'S THERMO-VAC is made of high-impact molded polymer. Write in

"The ceiling is the only surface in a room of which the visitor has a totally unobstructed view. Therefore, it's logical that the ceiling should carry the preponderance of the decorative ornament."

-Christopher Dresser



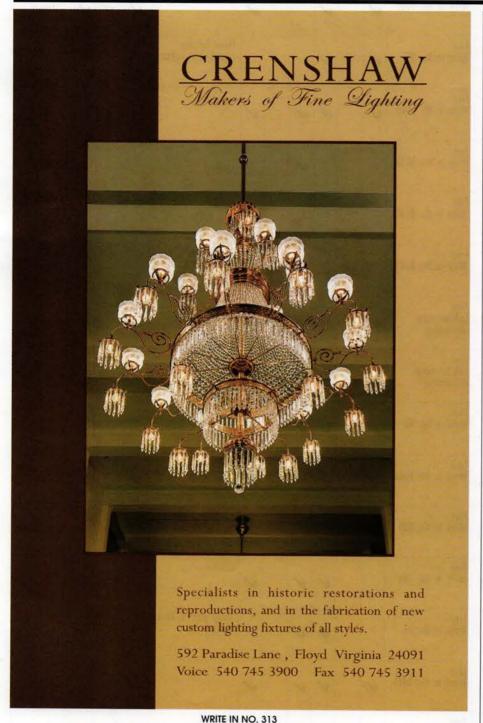
WOOLEN MILL FAN creates its period-style ceiling fans using metal parts that are cast and machined with turn-of-the-century techniques. Write in No. 316

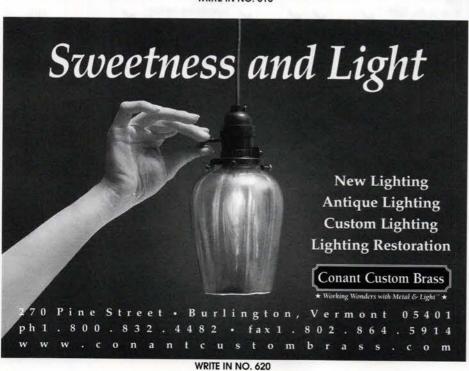
SourceList 112-118 Portfolio.... 120-130

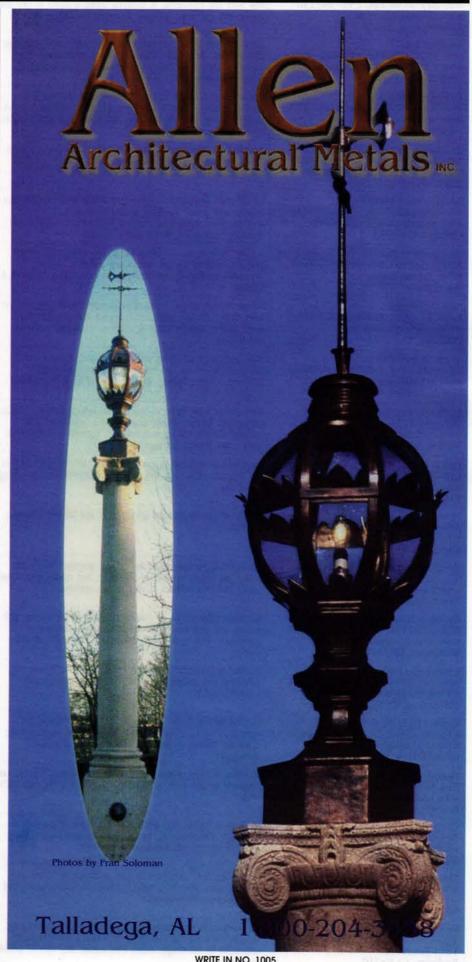
SHEDDING LIGHT ON COMMERCIAL INTERIORS

ighting a residential interior is a relatively simple matter, based on the architectural style of the space, how many people live in it, and what tasks they need to perform in which rooms. Lighting a commercial or institutional space brings numerous other considerations into play. Lighting has to be designed to guide the public to move efficiently in the space; to direct people's attention to specific merchandise or to a performer or speaker or activity; and to delineate a particular ambience and character, beyond the space's architectural style, which furthers its commercial intent. That last consideration is in many ways, the most important of the three, involving the

appearance of the lighting fixtures themselves as well as the kind of light they cast. The SourceList beginning on page 112 compiles dozens of companies that are used to dealing with precisely these concerns. We have firms that customdesign fixtures, as well as experts in custom-designing entire lighting systems. We've gathered makers of a range of fixtures, from chandeliers and sconces to lanterns and pendants. We have sources of fiber-optic lighting, firms that will retrofit and/or restore vintage fixtures, and sources of unusual lightbulbs and switches. This SourceList will lead you to the many hands that make light work.







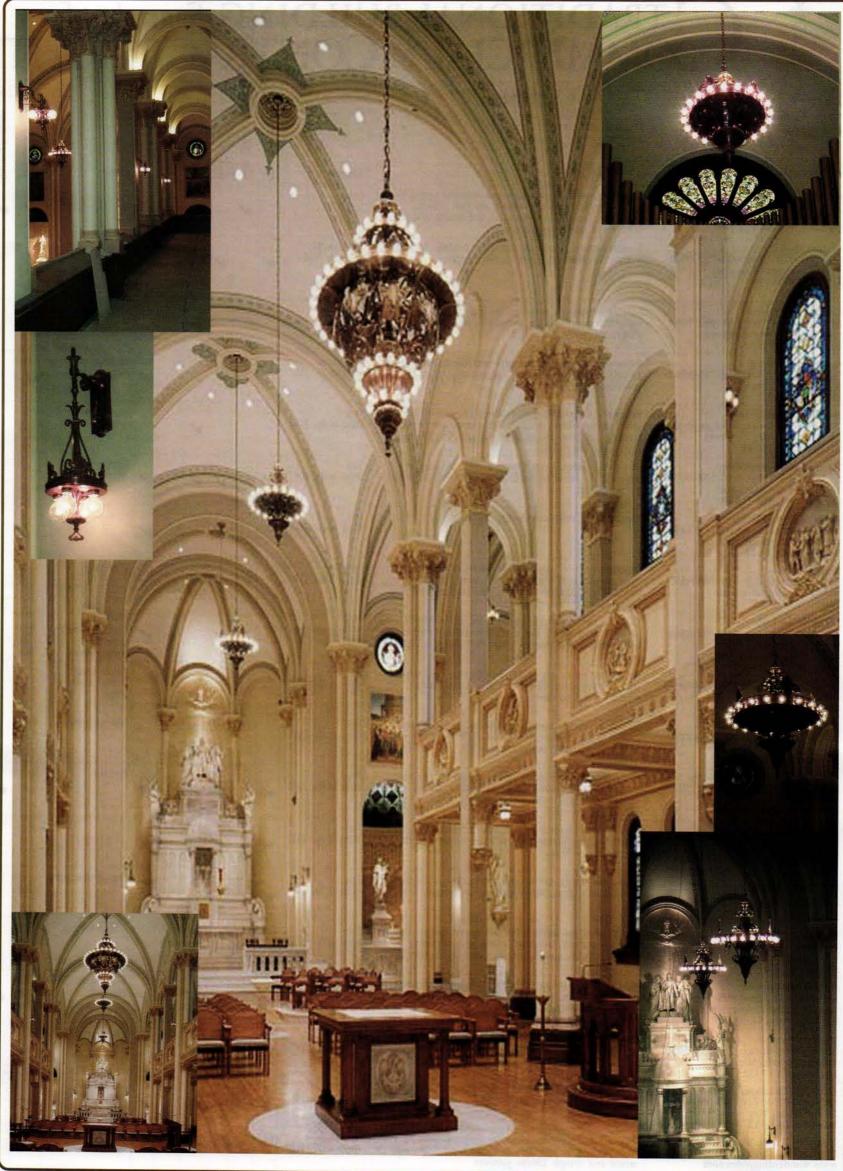
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FOR EASY ACCESS TO 30 FILL OUT THE ENCLOSED POSTCARD OR USE THE COUPON ON PAGE 214.



TRADITIONAL BUILDING SourceList for OMMERCIAL & CONTRACT LIGHTING

COMPILED	BY COLE GAGNE									(CSI	# 1	6500
COMPANY	SPECIALTY	Literature	Chandeliers	Fiber-Optics	Sconces	Lanterns	Hidden Lighting	Custom Designs	Other	Restoration/ Retrofitting	Custom Systems	Installation	% Custon
AAMSCO Lighting, Inc. 813-654-7339; Fax: 813-654-7058 www.aamsco.com Tampa, FL 33619	Art Deco lighting for the hospitality market. Vanity and bathroom lighting a speciality. Also Ferrowatt antique reproduction light bulbs.	Free Write in No. 2240			~		-	v	Custom-made lightbulbs in all voltages				40%
ardvark Antiques 00-446-1052; Fax: 401-849-1591 ww.aardvarkantiques.com lewport, RI 02840	Re-created bronze street lights from Newport's gilded age. Cast- aluminum lights available also.	Free Write in No. 718							Antique lighting, reproduction lighting				10%
laddin Light Lift, Inc. 01-385-0456; Fax: 901-385-0533 ww.lightliftinc.com Iemphis, TN 38133	Manufactures a motorized lift system, which automatically lowers a chandelier for easy cleaning and bulb replacement. Models available that handle fixtures weighing up to 1,200 lbs.	Free Write in No. 7850							Motorized lift system for chandeliers				0%
llen Architectural Metals, Inc. 200-204-3858; Fax: 256-761-1967 www.allenmetals.com alladega, AL 35161	Custom ornamental metal castings, including cupolas and spires; new work and replications of historical styles; available in cast and ductile iron and alloys, including aluminum and bronze.	Free Write in No. 1005	V		~			~		~	~	~	100%
m-Dia, Inc. 600-483-7105; Fax: 419-424-1822 www.victorianmarketplace.com indlay, 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.	Free Write in No. 95	~		~				Street lighting, reproduction lighting				10%
ndy Thornton, Ltd. 44-1422-375595; Fax: +44-1422-377455 www.andythorntonltd.co.uk illand, W. Yorkshire, UK HX5 9JP	One of Europe's largest suppliers of traditional commercial & contract lighting. Dealer & supplier of authentic traditional period English lighting, including pendants, wall lights, post lights, shades, flush fittings, chandeliers.	Free Write in No. 5063	~		V	~		~			~		10%
architectural Accents 40-943-5888; Fax: Same as phone www.cupolaconstruction.com Vaynesboro, VA 22980	A small shop specializing in custom cupolas, belfries, and steeples design and quotes; delivery nationwide. Also, wood screen doors and wood screen storm windows; copper lanterns.	Free Write in No. 5032				~							40%
rchitectural Artifacts, Inc. 73-348-0622; Fax: 773-348-6118 www.architecturalartifacts.com thicago, IL 60613	30,000-sq.ft. showroom of high-quality architectural antiques from America and Europe. Hundreds of fireplace mantels; lighting a specialty. Also, architectural elements from historic buildings and architects, such as F.L. Wright and L. Sullivan.	Free Write in No. 8169							Antique				N/A
rchitectural Products by Outwater, LLC 00-835-4400; Fax: 800-835-4403 ww.outwater.com Vood Ridge, NJ 07075	Supplier of more than 35,000 ready-to-ship building-component products including int./ext. architectural millwork, columns, decorative moldings & trim, wrought-iron components, hardware & lighting.	Free Write in No. 8162		V	V		~		Custom cove molding light, cornice moldings for indirect lighting				10%
rte De Mexico 18-753-4559; Fax: 818-563-1015 ww.artedemexico.com urbank, CA 91506	Eclectic mix of antique architectural elements, furnishings, and art from Mexico, Morocco, India, etc. Company also produces new items such as wrought ironwork, religious sculptures, hardware, and lighting.	Free Call for more information	~		~	~		~					309
rtist in Iron 32-560-8199; Fax: Same as phone ww.artistiniron.com iberty Corner, NJ 07938	Blacksmith artist specializes in the design and production of custom-forged bronze and wrought-iron masterpiece locks, hardware, accents, lighting, and architectural work; for high-end residential needs.	Free Call for more information						~					909
uthentic Designs .02-394-7713; Fax: 802-394-2422 ww.authentic-designs.com Vest Rupert, VT 05776	Hand-crafted Early American and Colonial lighting fixtures in brass, copper, and Vermont maple; interior and exterior. Over 250 standard designs; custom sizes available. Rod-arm and sheetmetal fixtures and lanterns. 64-page catalog.	Free Write in No. 60	~		~	~		~					309
all & Ball Lighting 10-363-7330; Fax: 610-363-7639 ww.ballandball-us.com xton, PA 19341	Large line of authentic historic lighting and lanterns, both interior and exterior; 18th, 19th, and early-20th centuries. Custom lighting a specialty.	Free Write in No. 7660	~		~			~	Pendants	~			709
axter & Co., J.H. 41-689-3020; Fax: 541-689-8319 2.O. Box 10797 Sugene, OR 97440	Supplier of exterior wooden lighting poles and laminated Douglas fir posts.	Free Write in No. 860							Exterior wooden lighting poles				259
devolo Gas & Electric Lights 504-522-9485; Fax: 504-522-5563 www.bevolo.com New Orleans, LA 70130	Hand-riveted, antique-copper, natural-gas, propane, and electric fixtures for homes, commercial landscapes, and streetscapes; custom scaling and style proposal of your project available.	Free Write in No. 166			~	~		~					259
grandon Industries, Inc. 600-247-1274; Fax: 972-542-1015 www.brandonindustries.com McKinney, TX 75069	Manufacturer/distributor of classical antique-style lamp posts, wall sconces, and deck mounts for residential and commercial applications. Also, traditionally styled aluminum mailboxes and signage.	Free Write in No. 73			~	~			Lamp posts & deck- mounts				5%
Brass Light Gallery, Inc. 800-243-9595; Fax: 800-505-9404 www.brasslight.com Milwaukee, WI 53201	Designer and manufacturer of interior and exterior lighting for residential and commercial spaces. Vintage-lighting restoration services available.	Free Write in No. 8890	~		~	~		~		~			209
Capitol Lighting & Restoration 516-844-5000; Fax: 616-844-2228 www.capitollighting.com Grand Haven, MI 49417	Certified lighting-design firm specializes in system design and equipment. Restores, replicates, and supplies new custom lighting equipment tailored to specific historical periods or special applications.	Free Write in No. 2809	~		~	~		~	Pendants, reproduction lighting	~			509
Casa di Murano, Inc. 718-369-9885; Fax: 718-234-9302 www.casadimurano.com Brooklyn, NY 11215	Hundreds of styles of imported Venetian glass lighting fixtures; can customize by size, color, or number of lights to fit the customer's needs.	Free Write in No. 8010	~		~				Table lamps, reproduction lighting	~	~		100
Christopher Thomson Ironworks 105-421-2645; Fax: 505-421-2618 www.christhomsoniron.com Libera, NM 87560	Specialist in custom, high-end forged metalwork, in quantity or large-scale. Artist-designed, hand-forged steel and bronze ceiling and wall lighting, medieval to contemporary.	Free Write in No. 237	-		~	~		~			~		60
classic Accents, Inc. 800-245-7742; Fax: 734-284-7185 www.classicaccents.net outhgate, MI 48195	Push-button light switches with plain or ornamented brass and wooden plates. Also, brass molding hooks, decorative tassels, and carbon-filament Victorian bulbs.	Free Write in No. 4850							Lightbulbs, switches, switch plates				10
coe Studios, Inc. 510-527-2950; Fax: 510-527-0103 214 Fourth St. Berkeley, CA 94710	This metalsmith/mountaineer/naturalist does forging, hammering, repousse, and lost-wax castings in solid bronze and iron, with inspiration for his designs drawn from nature. Any style or period available.	Free Write in No. 830						~					100
Conant Custom Brass, Inc. 800-832-4482; Fax: 802-864-5914 www.conantcustombrass.com Burlington, VT 05401	Specializing in the manufacture of new lighting in a wide range of styles and finishes, the production of custom lighting to customer specifications, and the restoration of antique lighting.	Free Write in No. 620	-		~	~		V	Pendants	~	~		50
Concord Lighting Co. 519-275-2303; Fax: 619-275-3860 www.concordlighting.com San Diego, CA 92110	Specialist in high-end European cast and alabaster lighting. Imports from manufacturers in Spain, Italy, and Germany.	Free Write in No. 2882	~	~		~	~	~					40





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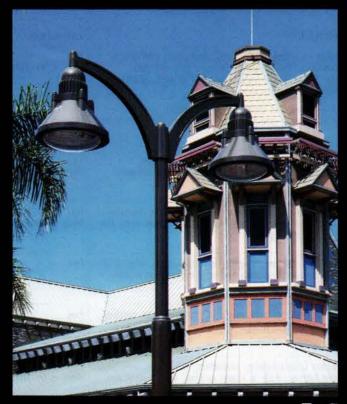
CTRADITIONAL BUILDING SourceList for COMMERCIAL & CONTRACT LIGHTING

COMPILED	BY COLE GAGNE						ting	sus		U.		# 1	6500
COMPANY	SPECIALTY	Literature	Chandeliers	Fiber-Optics	Sconces	Lanterns	Hidden Lighting	Custom Designs	Other	Restoration/ Retrofitting	Custom Systems	Installation	% Custon
onservation Lighting Int'l., Ltd. 15-568-0923; Fax: 215-568-4572 101 Walnut St., #902 11 Mainut St., #902	Long-lasting, affordable glass fibre-optics functional lighting for task, display, or architectural contours and even ambient illumination. Complete planning, supply, and installation services. Will replicate candle- and gas-light.	Free	0	~	S	2	-	3		~ ~	·	·	100%
pper House 0-281-9798; Fax: 603-736-4921 ww.thecopperhouse.com som, NH 03234	Standard post and street lights plus custom available. Solid copper or brass (no plated metal) made in New Hampshire.	Literature \$4; deductible from order Call for more information	V		~	~		,	Pendants				5%
opper Sculptures 0-235-6725; Fax: 601-992-7099 ww.legendarylighting.com andon, MS 39042	Company specializes in custom gas lanterns; crafted lanterns replicated from pre-Civil War photos, with the added convenience of electronic ignition.	Free Write in No. 300				~							60%
enshaw Lighting 60-745-3900; Fax: 540-745-3911 92 Paradise Lane oyd, VA 24091	Custom lighting fixtures to architect's specifications; design service available; historic restoration and reproduction of period fixtures; on-site services.	Free Write in No. 313	~		V	~		,	Pendants, table lamps, torchieres	~			90%
ahlhaus Lighting Inc. 18-599-5413; Fax: Same as phone ww.dahlhaus-lighting.com rooklyn, NY 11211	Specialist in vintage lighting for residential, commercial, and civic sites. Collection includes street lamps & lanterns, also bollards, fountains, ornaments, and mailboxes that once graced Europe's cities, towns, and estates.	Free Write in No. 2767				~			Street lamps				10%
eep Landing Workshop 17-778-4042; Fax: 410-778-4070 40 Bright Meadow Lane nestertown, 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.	Free Write in No. 809	~		~	~		~	Reproduction lighting				60%
erek Marshall Lighting 03-284-7000; Fax: 603-284-6237 ww.derekmarshall.com andwich, NH 03227	Manufacturer of architectural lighting and lamps.	Free Write in No. 2534			V			V					20%
esign Works 59-268-1446; Fax: 559-268-5507 ww.designworks-ca.com resno, CA 93703	Cast-aluminum street lamps and wall sconces in over 70 styles. Lights available in 13 finishes and come wired 110 volt to the base. Also, cast-aluminum mailboxes, patio furniture, urns, more. Shipping available nationwide & Canada.	Free Write in No. 2591			V				Street lamps				15%
reamscape Lighting 10-838-7043; Fax: 310-202-8536 ww.dreamscapelighting.com ulver City, CA 90232	Solid-brass cast wall sconces, steplights, and accent lights in a wide variety of metal finishes. Also, a flush-mounted vanity lighting system, flush-mounted recessed lighting, and custom architectural lighting.	Free Write in No. 8171			~		~	~	Halogen and fluorescent interior and exterior lighting fixtures				30%
canco, Ltd. 00-423-3836; Fax: 978-392-0870 ww.elcanco.com estford, MA 01886	Hand-crafted electric wax candles, I-candlepower and flame-like bulbs, and beeswax candlecovers for antique, contemporary, and museum lighting applications.	Free Write in No. 2040							Electric candles; beeswax candle covers				90%
ectro Elf 07-585-2696; Fax: 707-584-8537 29 Sutton Pl. unta Rosa, CA 95407	Designer and manufacturer of polycarbonate, energy-efficient compact lighting in fluorescent, 12-volt, AC/DC. Available for residential, commercial, bollards made in USA.	Free Write in No. 2565							Compact lighting				5%
ne Architectural Metalsmiths 45-651-7550; Fax: 845-651-7857 ww.iceforge.com hester, NY 10918	Period and fine custom railings, grillework, and entrance gates with full electronic controls. Hand-built signature lighting; firescreens and other custom home accessories. Full design-through-installation metal studio.	Free Write in No. 2640	~		~	~		~	Pendants	V	V		100%
Lighting 00-331-2425; Fax: 314-231-2265 ww.glighting.com aint Louis, MO 63123	Formerly Gross Chandelier Co., this firm has designed and manufactured specification-grade, decorative commercial lighting fixtures for over 90 years.	Free Write in No. 2535	~		~	~		~					75%
aby's Shoppe 00-299-4229; Fax: 214-748-7701 ww.gabys.com allas, TX 75207	Hand-crafted wrought-iron furniture, tables, chairs, chandeliers, floor and table lamps, drapery hardware, and balcony railing.	Free Write in No. 2520	~						Floor & table lamps				30%
reat Gatsby's 00-428-7297; Fax: 770-457-7250 ww.gatsbys.com tlanta, GA 30341	Antique gallery and auction house with an ever-changing inventory of garden ornament, furnishings, stained glass, entryways, fountains, gazebos, mantels, fine art, statuary, stone wells, and iron gates.	Free Write in No. 3270							Antique lighting		2		25%
landelman Studios 05-962-5119; Fax: 805-966-9529 www.stevenhandelmanstudios.com anta Barbara, CA 93103	Hand-forged lighting with HID and incandescent lamping: outdoor lanterns, chandeliers, wall sconces, table and floor lamps, flush mounts. Over 350 styles; custom work. Also, firescreens, entry gates, furniture, hardware.	Free Write in No. 483	~		~	~		~	HID lamping, ADA compliant	V	~		40%
lanover Lantern 17-632-6464; Fax: 717-632-5039 ww.hanoverlantern.com lanover, PA 17331	Designer-manufacturers of cast-aluminum lighting fixtures, poles, bollards, mailboxes, and accessories for commercial, residential, and landscape lighting applications.	Free Write in No. 3440				~			Landscape lighting				7%
ans Duus Blacksmith, Inc. 05-688-9731; Fax: 805-688-1793 3 Industrial Way uellton, CA 93427	Blacksmith supplies a variety of forged lighting: chandeliers, wall sconces, pendants, and exterior lighting.	Free Write in No. 8041	~		~	~		~	Decorative & themed lighting	~			100%
lennessy House Wooden Flag Poles 00-285-2122; Fax: 530-862-0125 ww.woodenflagpoles.com ierra City, CA 96125	Hand-crafted, glue-laminated, old-style Douglas fir poles 15 to 40 ft. Authentic square to octagon to tapered round design. High vertical axial strength. Lifetime guarantee.	Free Write in No. 1180							Wooden street light poles				1009
erwig Lighting 00-643-9523; Fax: 501-968-6422 ww.herwig.com ussellville, AR 72811	High-quality, hand-crafted original designs since 1908. Cast- aluminum or -bronze, exterior residential, commercial, municipal lighting: wall brackets, pendants, pier- or post-lanterns. Street clocks, posts from 19 in. to 14 ft.	Free Write in No. 9130		111		~			Pendants				50%
inkley Lighting 16-671-3300; Fax: 216-671-4137 ww.hinkleylighting.com leveland, OH 44111	Manufacturer and supplier of lighting fixtures for over 75 years, offering an extensive selection of landscape lighting, lanterns, site lighting, and posts, as well as a range of period-style interior lighting.	Free Write in No. 680	V	. 111	~	~		~	Pendants, landscape & site lighting, posts				20%
istoric Preservation & Illumination 09-395-1266; Fax: 609-395-1267 Park Place East ranbury, NJ 08512	Lighting-design services; balance contemporary lighting requirements with sensitivity to the scale, character, and function of each historic space.	Free Write in No. 2897				h	1		Lighting design, consultation				1009
listorical Arts & Casting, Inc. 00-225-1414; Fax: 801-280-2493 www.historicalarts.com Vest 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.	Free Write in No. 1210			-	-		V	Post lanterns	~	-	~	100
House Bronze 806-794-3571; Fax: 806-798-2519 www.housebronze.com .ubbock, TX 79424	Custom fine-arts foundry specializes in studio-size and monumental bronze castings for sculpture. Also produces hardware, signage, lighting.	Free Write in No. 34			bliny	elon		noim	Reproduction lighting				100

Architectural Relevance



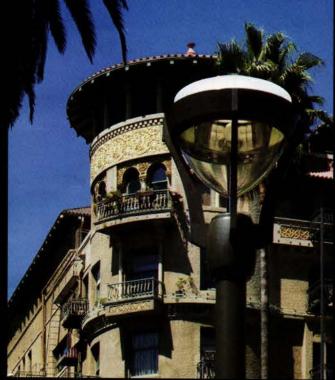




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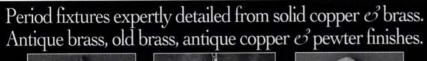
TRADITIONAL BUILDING SourceList for OMMERCIAL & CONTRACT LIGHTING

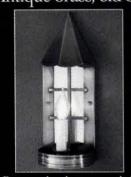
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Larry Etzen Studio 816-523-3978; Fax: 816-523-5782 P.O. Box 22341 Custom backlit art-Write in No. 1267 glass dome ceilings 90% Kansas City, MO 64113 Lighting by Hammerworks 508-755-3434; Fax: Same as phone www.hammerworks.com Worcester, MA 01603 Reproduction Colonial lighting: chandeliers; wall sconces; wall, post, & hanging lanterns; made in copper or brass; interior items also Write in No. 5090 5% V in tin; forge work; also custom work and new Arts & Crafts Manufacturer & importer of decorative lighting since 1958. Specializes in ornate cast-brass, alabaster, & crystal chandeliers; Lights Of Distinction/Crystorama 516-931-9090; Fax: 516-931-1254 Write in No. 1370 25% www.crystorama.com Westbury, NY 11590 most in stock for immediate delivery. 200-page color catalog. Custom chandeliers available upon request. Luminaria Lighting 800-638-5619; Fax: 509-456-8298 www.luminarialighting.com Ever-changing collection of unique antique light fixtures from the late-19th century to 1940, all available online. Also, original reproduction designs customized and finished to client's specifications. Full-color catalog available. Write in No. 336 40% Spokane, WA 99201 Lumisphere, USA 540-582-7897; Fax: 540-582-5233 P.O. Box 1645 Source of custom exterior low-voltage architectural "festoon" Free Festoon lighting lighting systems for use indoors or out. UL-listed wet or dry. Made 100% Spotsylvania, VA 22553 Large source for heavy-duty, rust-free, cast-aluminum curbside Exterior lighting, Mel Northey Co. 800-828-0302; Fax: 281-445-7456 Write in No. 53 mailboxes. Also, exterior lighting and posts. posts 5% www.melnorthey.com Houston, TX 77037 Mica Lamp Co. 818-241-7227; Fax: 818-241-5439 Reproductions of Turn-of-the-Century American- and European-style Free lighting in copper and mica. 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Chandeliers have the most densely clustered Pendants, reproduction lighting Write in No. 2688 40% 395 Wythe Ave. crystal patterns in the industry. Brooklyn, NY 11211 Custom-designed lighting: nature, Western, nautical, and whimsical themes. Specializing in fretwork using wood, copper, steel, mica, glass, etc. Caters to contract designers and architects; hospitality and domestic lighting. Floor lamps, table Penrose 716-941-0322; Fax: Same as phone http://home.att.net/~penrose Write in No. 289 lamps, torcheres 100% Boston, NY 14025 Handmade 18th- and 19th-century chandeliers, sconces, and lanterns. Aged tin, oxidized-copper, natural-copper, and pewter finishes. Exterior and interior lanterns; many made under license Table lamps Period Lighting Fixtures, Inc. 800-828-6990; Fax: 413-664-03122 www.periodlighting.com Write in No. 301 10% Clarksburg, MA 01247 from Historic Deerfield and Williamsburg. 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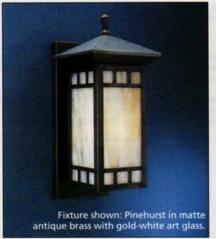
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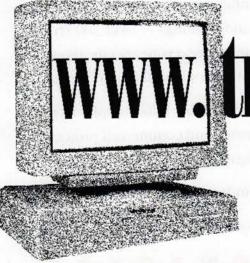
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CTRADITIONAL BUILDING SourceList for COMMERCIAL & CONTRACT LIGHTING

COMPILED	BY COLE GAGNE									,	- 31	# 1	6500
COMPANY	SPECIALTY	Literature	Chandeliers	Fiber-Optics	Sconces	Lanterns	Hidden Lighting	Custom Designs	Other	Restoration/ Retrofitting	Custom Systems	Installation	% Custom
tejuvenation 88-343-8548; Fax: 800-526-7329 www.rejuvenation.com Portland, OR 97210	Manufactures authentic period lighting: over 300 interior and exterior styles and 11 finishes. Made to your specifications. Ready to ship within two weeks. New catalog includes over 100 hard-to-find house parts.	Free Write in No. 7630	V		~	V		H		~			50%
tobinson Iron Corp. 00-824-2157; Fax: 256-329-8960 ww.robinsoniron.com lexander City, AL 35011	Historic reproductions of classic Victorian lawn and garden ornament in bronze, aluminum, or iron. Custom casting available.	Free Write in No. 3240							Street lighting, reproduction lighting	V			75%
Roy Electric Co. 500-366-3347; Fax: 908-317-4629 www.westfieldnj.com/roy Westfield, NJ 07090	New full-product color catalog features 274 Victorian and Turn-of- the-Century lighting fixtures: sconces, pendants, flush fixtures, glass shades. Also offers custom capabilities, restoration, and antique fixtures.	Free Write in No. 430	~		~	~			Pendants, table lamps, floor lamps, antique lighting	V			20%
Schiff Architectural Detail 517-887-0202; Fax: 617-887-0127 yww.schiffarch.com Chelsea, MA 02150	Foundry, forge, and fabrication shop offers custom castings and non-ferrous forge work; machine-shop service, rubber molding, and pattern work. Historic restoration and refurbishment. Large-scale bowl fountains; turnbuckle stars.	Free Write in No. 7730						~					100%
Shelburne Lighting & Metal Crafts 603-466-2971; Fax: 603-466-2055 www.shelburnelighting.com Shelburne, NH 03581	Authentic historical styles; custom lanterns to spec; reproductions of Colonial day lighting.	Free Write in No. 833				~			Reproduction lighting				50%
St. Louis Antique Lighting Co. 314-863-1414; Fax: 314-863-6702 301 North Skinker Blvd. St. Louis, MO 63130	Custom architectural lighting: incandescent, compact fluorescent, H.I.D. Restoration, reproduction, and retrofitting of historic fixtures for commercial interiors. All styles.	Free Write in No. 6190	~		V	~		-	Large-scale commercial fixtures	V	V		80%
Sternberg Vintage Lighting 347-588-3400; Fax: 847-588-3440 www.sternberglighting.com Viles, IL 60714	Vintage-style, cast-aluminum lighting fixtures, ornamental poles, & coordinating bollards for streets, parks, malls, & other commercial areas. Over 80 fixtures and 60 poles with many options; durable, low-maintenance, vandal-resistant.	Free			~			~	Bollards, concrete & cast-iron poles, roadway & traffic structures		V		100%
Texas Metal Industries, Inc. 800-222-6033; Fax: 800-472-3807 www.txmetal.com Crandall, TX 75114	Ornamental aluminum castings: outdoor furniture and lighting, gate and fence components, mailboxes, hardware, finials, and balustrades. Also, cast-aluminum fountains, lamp posts, and urns.	Free Write in No. 9430			~				Outdoor lighting				10%
The Federalist 203-625-4727; Fax: 203-629-8775 369 Greenwich Ave. Greenwich, CT 06830	Wide range of furniture, decorative accessories, and interior/exterior lighting; specialist in handmade reproductions of 18th- and early-19th-century originals.	Free Write in No. 2833	~		~	~		~	Table lamps, floor lamps, reproduction lighting				50%
Traditional Concrete, Inc. 262-250-7599; Fax: 262-250-7598 www.concretepoles.com Menomonee Falls, WI 53052	Manufactures a variety of reinforced-concrete light poles for streets, marinas, residential subdivisions, and other applications; durable and corrosion-resistant; many styles, sizes, colors, and finishes. Custom work available.	Free							Concrete light poles				50%
Victorian Lighting Works 814-364-9577; Fax: 814-364-2920 www.vlworks.com Centre Hall, PA 16828	Authentic reproductions of Victorian chandeliers and sconces in solid brass. Custom work accepted.	Free Write in No. 3730	~		~								25%
Vulcan Supply Corp. 802-893-0512; Fax: 802-893-0534 P.O. Box 100 Westford, VT 05494	Specialist in replication of historic architectural sheetmetal ornamentation; custom and stock finials, weathervanes, cornices, vented ridge cresting, leader boxes, cupolas, roof vents, and more; all periods and styles.	Free Write in No. 7212			~	~			Reproduction lighting				75%
Wausau Tile - TerraForm Site Amenities 800-388-8728; Fax: 715-355-4627 www.wausautile.com Wausau, WI 54402		Free Write in No. 8044							Lighted outdoor bollards				20%
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.	Free Write in No. 1223						~	Reproduction lighting	~			100%
Wilshire Manufacturing Co. 800-443-4695; Fax: 508-822-7046 www.wilshiremfg.com Taunton, MA 02780	Manufacturer of custom decorative lighting products for residential and commercial markets. Design and fabricate custom lighting to meet design specs. Catalog of thousands of items available.	Free Write in No. 2675	-		-			~	Pendants, table lamps				40%



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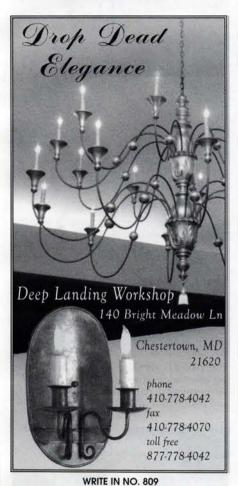
Octagon Glass Bottom

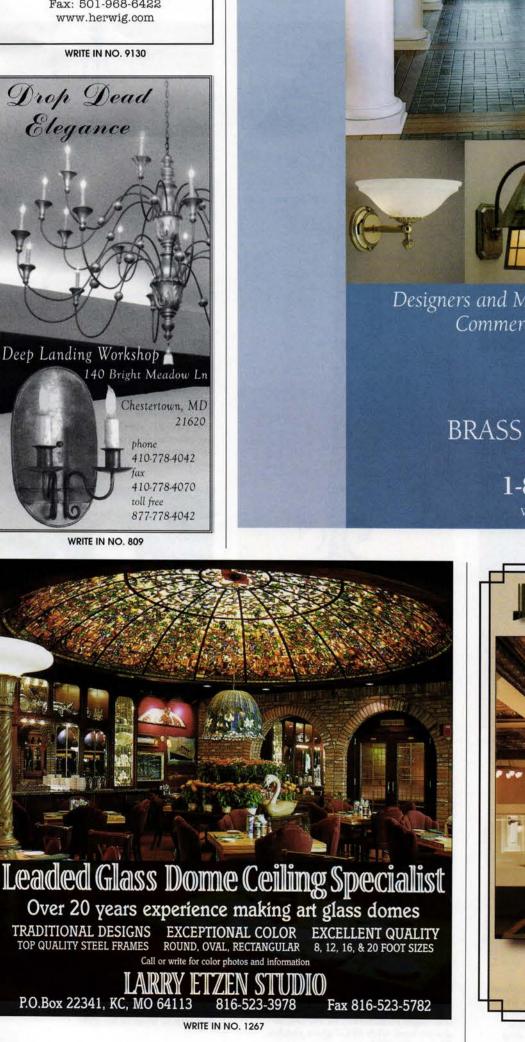
Handcrafted Quality

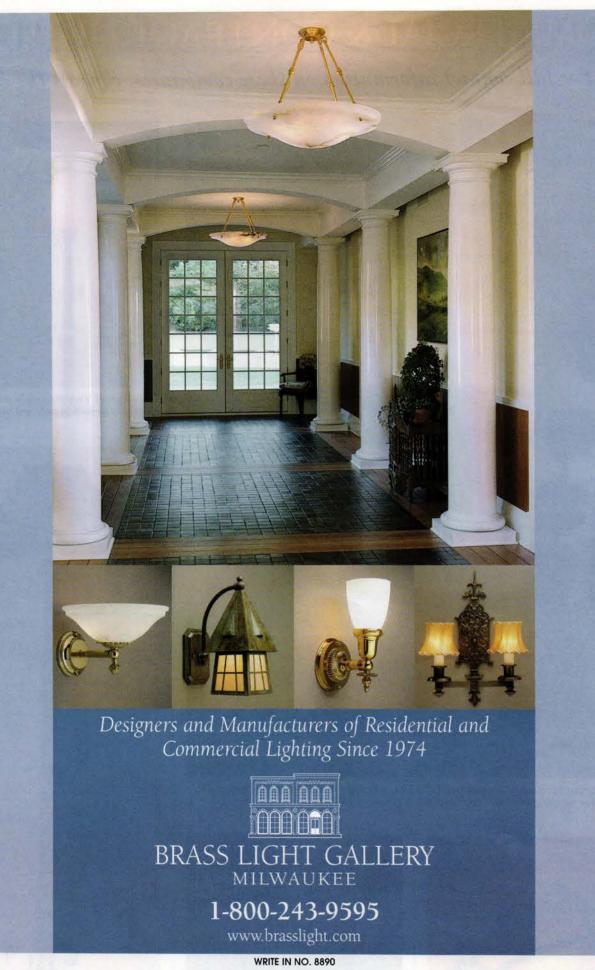
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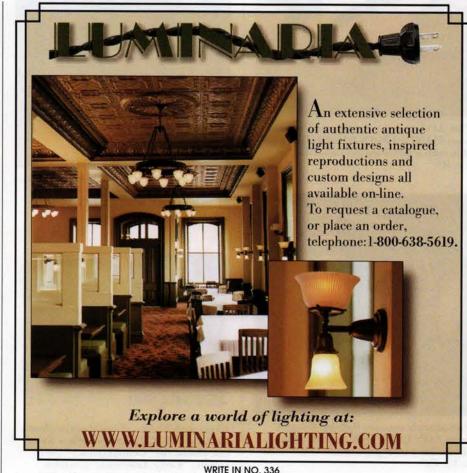
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WRITE IN NO. 9130









COMMERCIAL & CONTRACT LIGHTING PORTFOLIO

For full contact information on these companies, consult the SourceList on pp. 112-118.



With equipment from ALADDIN LIGHT LIFT, a heavy chandelier can be lowered to eye-level for cleaning and bulb replacement. Write in No.~7850



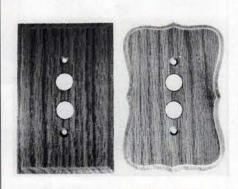
This ADA-compliant, mica wall sconce from HANDELMAN STUDIOS is available with a matching pendant. Write in No. 485



Period-style exterior lighting fixtures from ROY ELECTRIC include #OD-2, shown here with glass shade #4-64. Write in No. 450



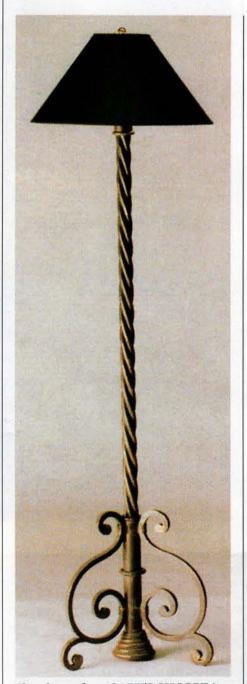
Gas-burning, hand-riveted exterior lighting in copper is a way of life for BEVOLO GAS & ELECTRIC LIGHTS. Write in No. 166



Along with its line of metal cover plates, CLASSIC ACCENTS also offers these oak plates, the "Contemporary" (left) and the "Early American," available stained or unstained. Write in No. 4850



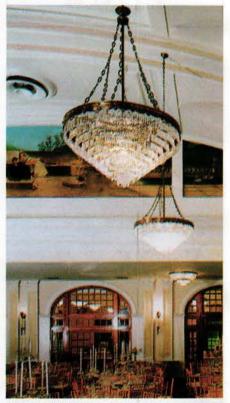
The range of Victorian-style window lights from ANDY THORNTON, LTD., has been especially prized in pub and bar frontages. Write in No. 5063



Floor lamps from GABY'S SHOPPE include model #11080, which measures 19x19x61 in. and features a rope-twist design. Write in No. 2520



VICTORIAN LIGHTING WORKS' four-light chandelier, #C107G4, is shown here with #SG7 glass shades. Write in No. 3730



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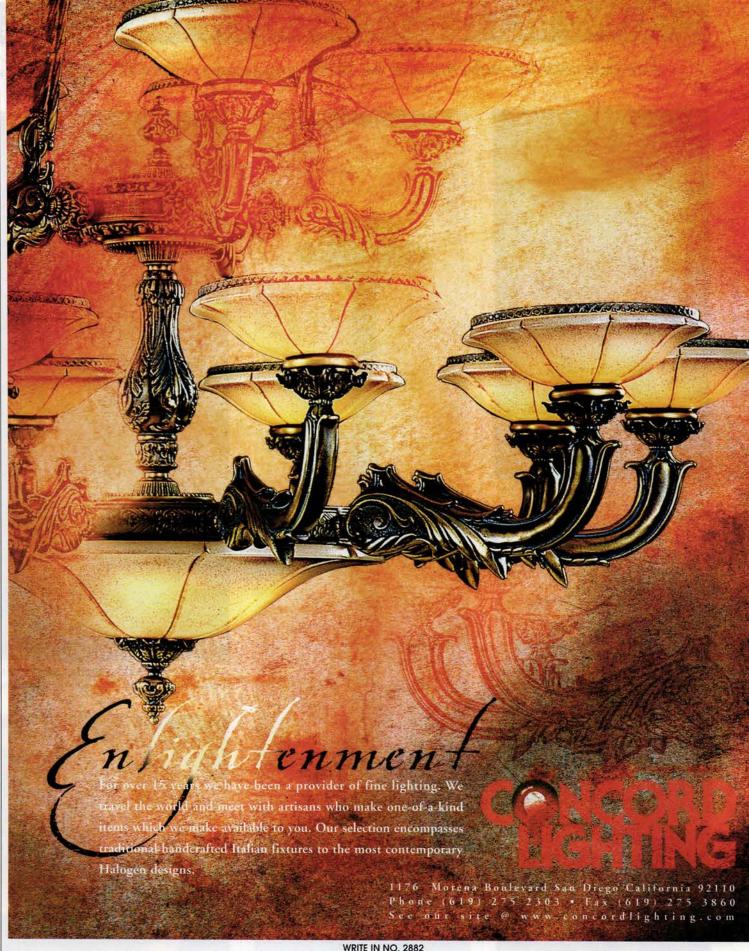
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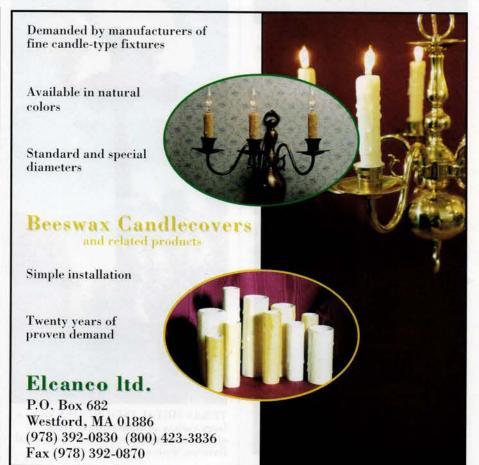
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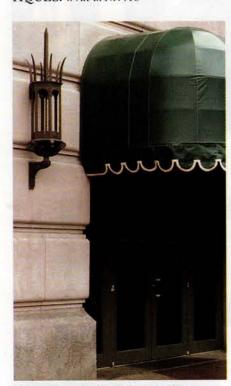
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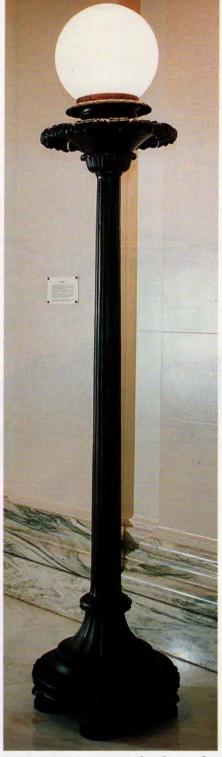
The "Rosarita" pendant from HINKLEY LIGHTING is distinguished by water-glass panels, which are set in a hand-forged wrought-iron frame. Write in No. 680



Vintage lighting fixtures, such as this attractive bronze chandelier, can always be obtained from AARDVARK ANTIQUES. Write in No. 718



Custom exterior light fixtures from HERWIG LIGHTING lend a special character to this entryway. Write in No. 9130



BALL & BALL cast period-style post fixtures for the galleries of the Oklahoma State Capitol Building. Write in No. 7660



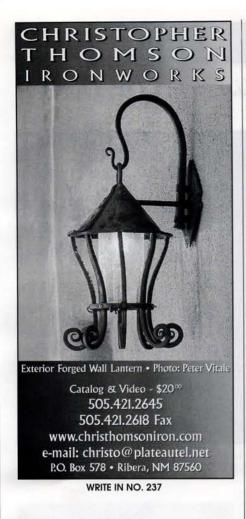
TEXAS METAL INDUSTRIES keeps a large variety of lamp posts in stock, along with sconces and other ornamental fixtures. Write in No. 9430



LIGHTS OF DISTINCTION/CRYSTORAMA supplied the appropriate period-style lighting for historic Oheka Castle in Huntington, Long Island, N.Y. Write in No. 1370

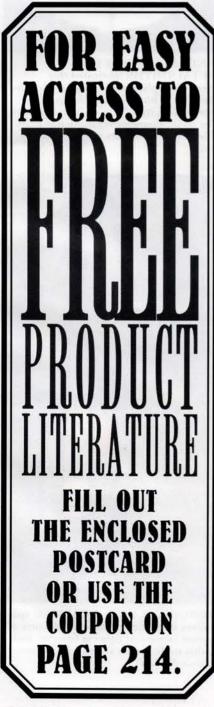


The Greek Key Alabaster Pendant, #741-D from BRASS LIGHT GALLERY, illuminates and enlivens this formal hallway. Write in No. 8890





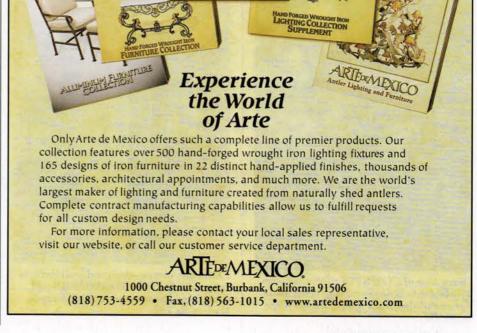
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ARTENIE





FEW VEXCO

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CRENSHAW LIGHTING restored this bronze and chrome, astrologically ornamented light fixture for a project in Washington, D.C. Write in No. 313



Custom chandeliers from PECASO LIGHTING feature Czech hand-cut crystals and components of brass, gold, or other designated metals. Write in No. 2688



The "Halsey" bowl-shade fixture from REJUVENATION is an authentic reproduction of the period original. Extending only 10 in. from the ceiling, it has a 19-in. diameter. Write in No. 7650



Jerry Coe of COE STUDIOS examines an elaborate bronze carriage lamp made for one of the firm's many clients. Write in No. 830



ROBINSON IRON manufactured custom lamp posts for the Wynlakes Development in Montgomery, Ala. Write in No. 5240



The ANA Grand Court Hotel in Nagoya, Japan, turned to NYCK for this custom "Faberge Egg" chandelier. Write in No. 2663



Elaborate, custom-designed wall fixtures from WIEMANN IRONWORKS add drama and importance to this entrance. Write in No. 1223



This large-scale chandelier, measuring 14 ft. in diameter, was made for H.B.E./Adams Mark Hotels by ST. LOUIS ANTIQUE LIGHTING. Write in $No.\ 6190$



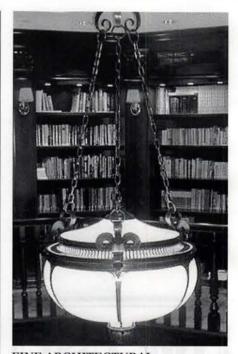
PENROSE designed the copper and artglass "Wildside" table lamp for the new Old Faithful Snow Lodge in Yellowstone National Park. Write in No. 289



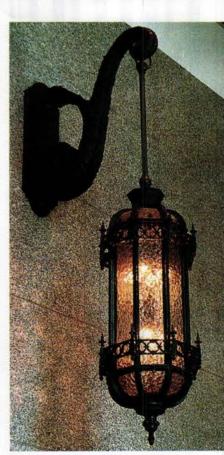
Featuring a one-piece cherry spindle with a "wireless hook," this chandelier, #652 from DEEP LANDING WORK-SHOP, measures 18 in. high by 30 in. in diameter. Write in No. 809



The "Railroad 7400" fixtures from HANOVER LANTERN feature a distinctive glass chimney globe in hanging, wall-mounted, and post-style cast aluminum models. Write in No. 3440



FINE ARCHITECTURAL METALSMITHS fabricated this overscale replica of the original McKim, Meade & White pendant, designed for New York City's Metropolitan Museum. The 36-in.-diameter replication is available in limited edition only. Write in No. 2640



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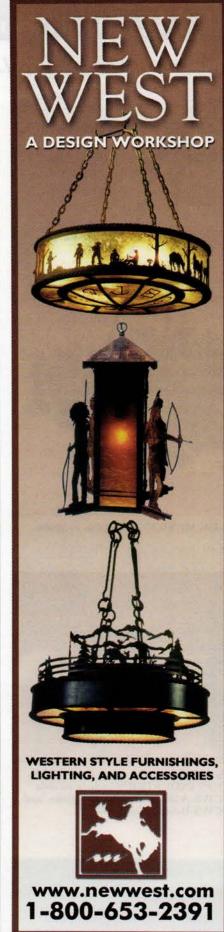
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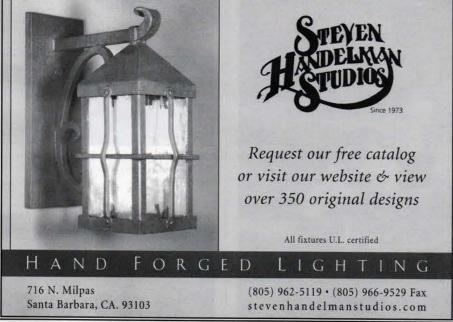


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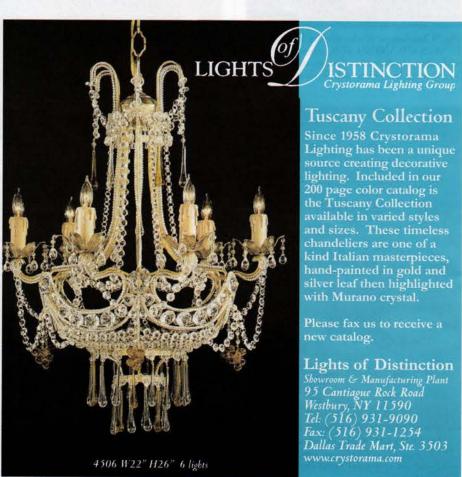
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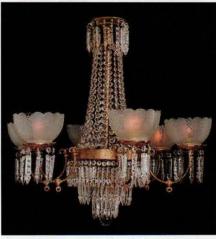


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Period light bulbs and lighting in the Art Deco style, such as this solid-brass, incandescent fixture, is a specialty of AAMSCO LIGHTING. Write in No. 2240



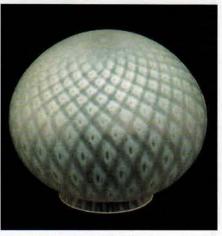
The "Charleston 6" chandelier from KING'S CHANDELIER, shown here with chrysanthemum shades, measures 34 in. wide by 34 in. tall. Write in No. 5280



CONCORD LIGHTING's chandelier #18782 measures 81x82 in. and features hand-carved alabaster bowl float lamps. Write in No. 2882



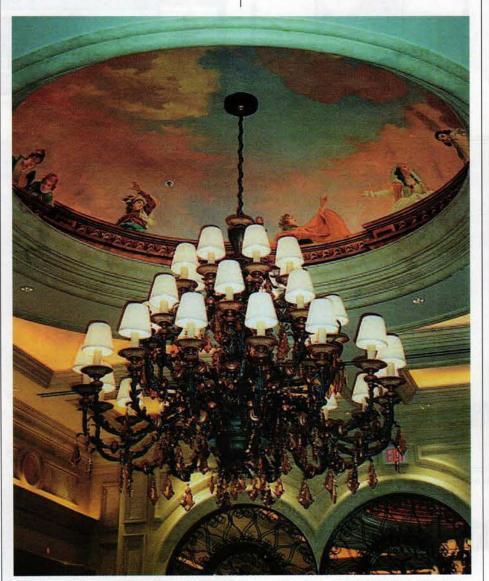
Hand-forged wrought-iron lighting from ARTE DE MEXICO is available in 30 distinct finishes. Call 818-753-4559 for information



Roman glass shades by Vianne, such as #3230, shown here, are available from OTTESON COMPANY. Write in No. 1045



Period-style wall sconces from BRAN-DON INDUSTRIES include models #CWS-A-26, left, with acorn globe, and #CWS-B-34A. Write in No. 73



The "Large Venetian" is a three-tier, 32-light chandelier from HANS DUUS, BLACK-SMITH. Measuring 7 ft. high with a 7-1/2-ft. diameter, it features a dark-bronze finish with gold-leaf accents. Write in No. 8041



LUMINARIA has provided lighting such as the "Fort Benton" chandelier, shown here, for such projects as the Grand Union Hotel and the House of Blues. Write in No. 336



Wall lanterns from DAHLHAUS are especially recommended for balcony and terrace lighting. Model #3747, shown here, measures 19 in. high by 10-1/2 in. deep. Write in No. 2767



"Morelite" electric candles from EL-CANCO can carry 25-watt or lower bulbs. Write in No. 2040



Art-glass artist LARRY ETZEN makes breathtaking lighting fixtures as well as domes. Write in No. 1267



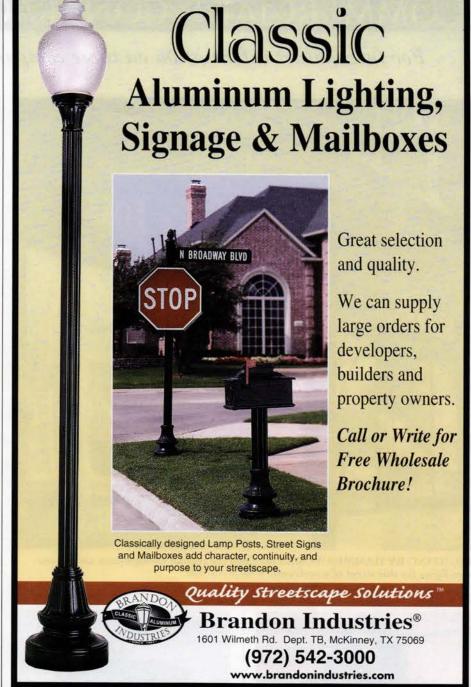
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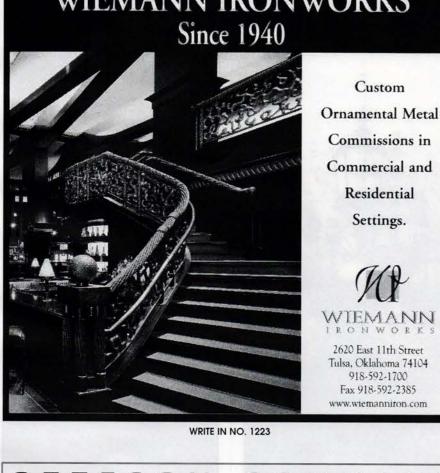
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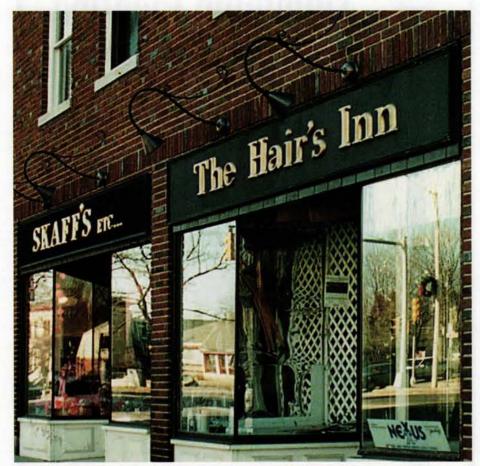


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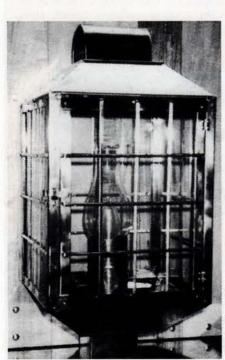
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LIGHTING BY HAMMERWORKS provided the custom wrought-iron and copper sign lights for this street of storefronts. Write in No. 5090



THE FEDERALIST offers this nauticalstyle fixture in heavy-gauge copper, coated with lead. Write in No. 2833



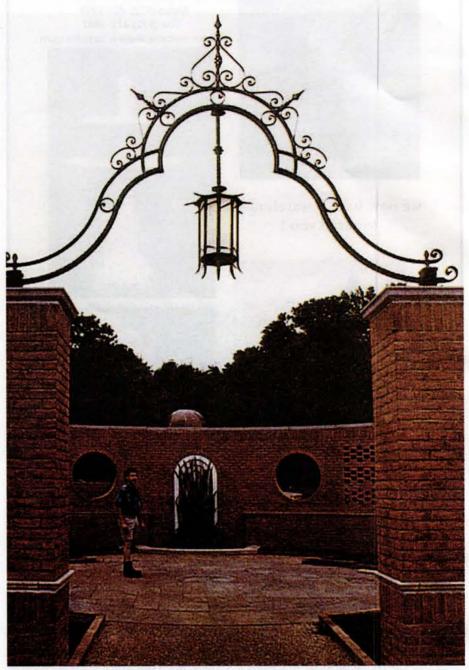
The "Mirror Lake Street Light" was especially designed by SHELBURNE LIGHTING for the Mirror Lake development in Jackson, N.H. Write in No. 853



AUTHENTIC DESIGNS' Colonialstyle, four-light lantern, #SMLT 54-H, is 16 in. tall, 11 in. wide, and 11 in. deep. Write in No. 60



The eye-catching Three Tier Chandelier from LAMPWORKS is made of reverse-painted blown glass with an iron frame, and is available in various colors, patterns, and sizes, including custom degns.



SCHIFF ARCHITECTURAL DETAIL fabricated both the wrought-iron "Boxwood Court Lamp" and its ornate supporting archway for the Missouri Botanical Gardens in St. Louis. Write in No. 7730



For New York City's City Hall Park, ALLEN ARCHITECTURAL METALS re-created bronze gas candelabras of the 19th century. Write in No. 1005



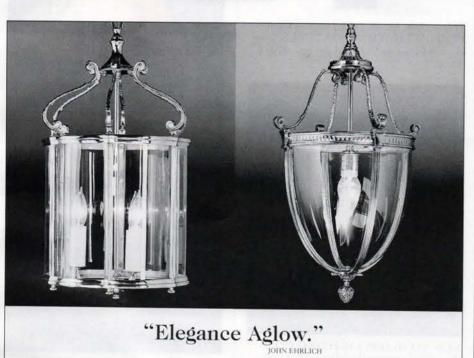
MEL NORTHEY offers heavy-duty castaluminum lamp posts in an array of sizes, styles, and colors. Write in No. 53



The ornate "Broadway" fixture is one of many classic chandeliers and pendants offered by THE ORIGINAL CAST LIGHTING. Write in No. 4360



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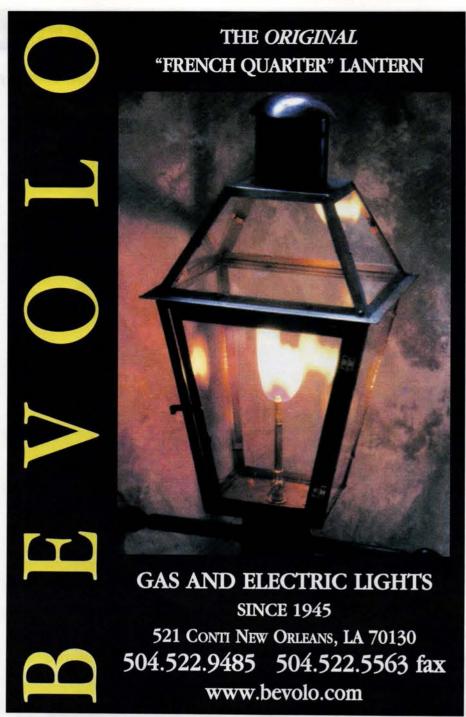
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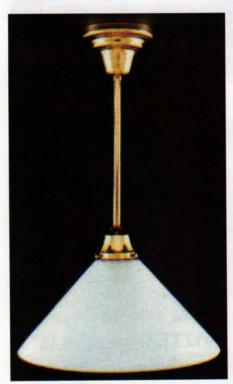
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AM-DIA produces Victorian-style exterior lighting in cast aluminum, such as this five-light design. Write in No. 95



Solid-brass pendant lights from CONANT CUSTOM BRASS include #P2, shown here with the firm's #215C shade, which is available in white or green. Write in No. 620



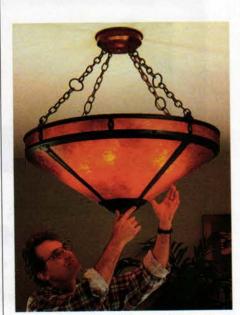
The King Crab Lounge in Long Beach, Calif., enlivened its interior with an ornamented lamp post from STERNBERG VINTAGE LIGHTING.



Besides making fixtures, NEWSTAMP LIGHTING will also restore vintage lighting, such as this 19th-century wrought-iron fixture for a Boston school. Write in No. 800



Sculptural sconces from DEREK MAR-SHALL LIGHTING, such as the "Athena," are UL-approved and ADAcompliant. Write in No. 2534



Available in a Dark Copper finish only, the "Grand Mission" chandelier, #116 from MICA LAMP COMPANY, has a 34-in. diameter.



The 120-volt, cast-aluminum HID Compact Flood, #CFL1 from KIM LIGHT-ING, is available with either a fixed hood or, shown here, barn doors. Write in No. 873



This stylish, hand-crafted sconce from PERIOD LIGHTING FIXTURES is an inspired take on Colonial design. Write in No. 301



NEW YORK GAS LIGHTING CO. also offers spectacular electric lighting, such as this 18-light, cast-bronze chandelier, #3751, which has a 38-in. diameter. Write in No. 5380



The "Calla" wall sconce from CHRISTO-PHER THOMSON IRONWORKS is intended for interior use. (photo: Peter Vitale) Write in No. 237



Wall-mounted gas fixtures, such as the #B1ST3S shown here, can be ordered from COPPER SCULPTURES. Write in No. 500

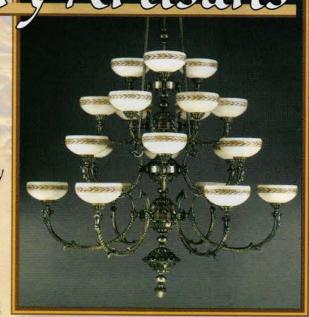


CAPITOL LIGHTING will restore, replicate, or design ornamental lighting such as this chandelier. Write in No. 2809



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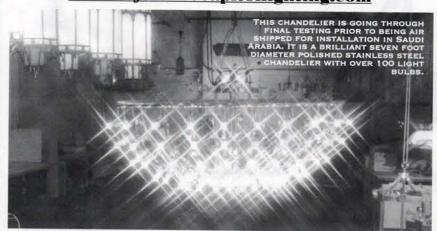
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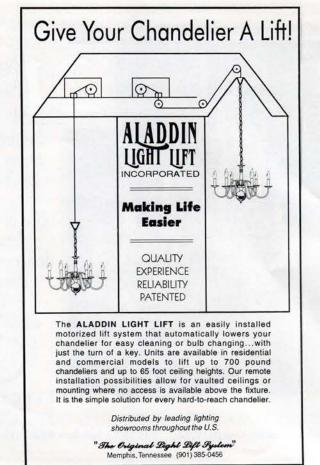
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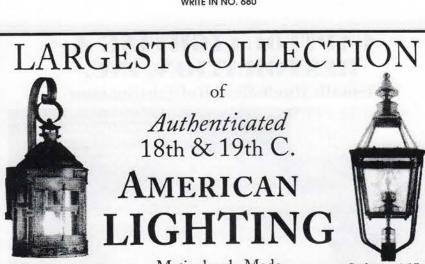
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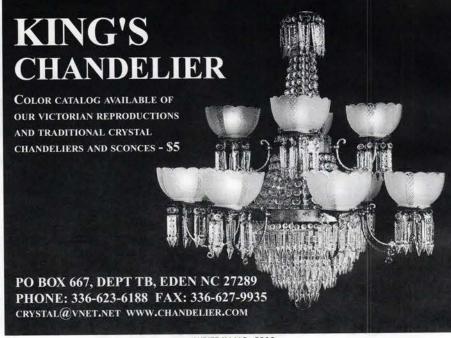
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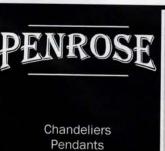
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A TALE OF TILE

ost owners of commmercial spaces, if they were to be completely honest, would have to admit that what makes their enterprise unique isn't so much the product they offer: After all, the public can always buy most items from other sources, stay at other hotels, dine in other venues, or divert themselves at other gaming palaces. What's unique about them is the space itself — even though not all owners are sharp enough to draw out that distinctiveness in a way that makes a positive and lasting impression on the public. Creating a characterful space requires a coherent design scheme, in which the same themes can be reworked and reintroduced without creating monotony.

Tile is a perfect medium for conveying consistent design motifs without becoming visually predictable or tiresome. It can be the fundamental visual definition of a floor or wall, or just a simple running border that threads together differently themed rooms. It can carry character into a bathroom or kitchen or stairwell, transforming merely utilitarian areas into part of the overall ambience. And of course, it can used to create a single unique statement in signage or a mosaic or mural. With the *SourceList* on page 136, you'll find tile manufacturers who are expert in a range of period styles, as well as specialists in tile artwork. With their help, your client can put the "tile" back into "mercantile"!

CERAMIC TILE PORTFOLIO

For complete contact information on these companies, consult the SourceList on page 136.



Tile products available from COUNTRY FLAIR TILE include reclaimed French terra-cotta tiles. Write in No. 3081



TERRA FIRMA's unique glazes often convey the look of semi-precious stones. Here, the firm's 3x8-in. Star Border, 4x4-in. Field Tile, and 4x4-in. Leaf Triad in aquamarine are paired with 6x6-in. Lotus Wave I and II and 1x6-in. Astragals in Chinese tourquoise. Write in No. 2847



The "Natura" series from FEATURE TILE includes 4-1/4-in. relief tiles, extruded trim, and field tiles. Write in No. 1327



Lottie Lau created this relief tile for NORTH PRAIRIE TILEWORKS, an adaptation of the celebrated Botticelli painting, "The Birth Of Venus." Write in No. 795



"The Ocean Deep" line of bathroom tile from TILE SOURCE, INC., depicts swimming dolphins and whales. Write in No. 2846



NATIVE TILE & CERAMICS produces handmade decorative tile and specializes in custom designs and glazes. Write in No. 570



The three-tile, handmade and handpainted "Sunflower" set from TERRA DESIGNS TILEWORKS can be adapted to larger lengths by ordering additional middle pieces. Write in No. 2790



Concrete "Street Art" tiles from WAU-SAU TILE beautifully frame and highlight these trees. Write in No. 4120



EQUIPMENT OF CULTURE offers "Ornamental Fruit In Quatrefoils," a 4-1/4x4-1/4-in. hand-painted high-fired ceramic tile, with a pattern that dates from the early-17th century. Write in No. 1312



This 6x6-in., sepia- and cream-colored Victorian Gothic Revival transfer tile is the handiwork of DESIGNS IN TILE. Write in No. 250



STUDIO VERTU created this powerful tile mural for the NFL headquarters in New York City.

























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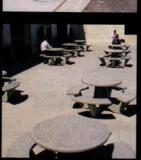












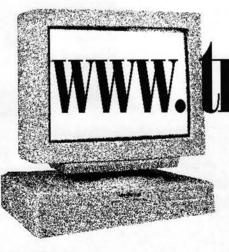




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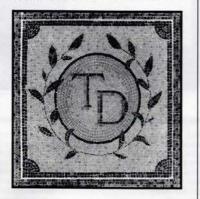
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		e33g	Wall Tile	Floor Tile	Bathroom Tile	Exterior Paving Tile	Non-Skid	Pictorial Mosaics	Geometric Mosaics	Mural Tile	
COMPANY	SPECIALTY	Literature	Wa	FIC	Ba	Ex	No	Pic	ŠŘ	ğ	Other
american Restoration Tile, Inc. 601-570-0300; Fax: 501-570-0303 www.restorationtile.com ittle Rock, AR 72209	Manufacturer of custom historical tile for restoration and new construction, including custom mosaics and kitchen and bath tile. Also, custom matching of glazed and unglazed tile. All sizes, floors and walls.	Free Write in No. 8032	V	v	~			~	~		
Brick & Tile Center 512-834-8525; Fax: 512-834-8553 www.texastilecenter.com austin, TX 78753	Firm has 30 years' experience in procuring or manufacturing unusual or made-to-order clay tile, glazed or unglazed, for walls, floors, roofs, specialties.	Free	~	~		~			V		Made-to-order logos shapes, colors, designs, or sizes
Country Flair Tile 360-927-3178; Fax: 860-927-4978 www.homeandgardendecor.com Kent, CT 06757	Cement brick and tile, terrazzo, quarry tile, ceramic tile, slate, and a French antique collection of reclaimed terra cotta and limestone.	Free Write in No. 3081	~	~	~	~	,	V	~	V	Hand-painted mural or individual tiles
Designs in Tile 530-926-2629; Fax: 530-926-6467 www.designsintile.com Mt. Shasta, CA 96067	Specialist in English & American Arts & Crafts tiles & murals. Coordinated borders & field patterns; 3x6-in. subway tile & trim. Historic mosaic flooring; hand-crafted faience tile; custom murals. Project design & consultation.	Free Write in No. 250	V	~	~	~		~	-	-	Custom historic- styled decorative tile; subway tile; porcelain hex tile
Equipment of Culture 413-534-3555; Fax: By request www.eofc.com Holyoke, MA 01040	Easel, surface, & floor custom-designed for mosaics in stone, smalti, Venetian glass, & ceramic: figurative, naturalistic, & geometric: Hand-painted ceramic tile, murals, custom- & historic-tile pictures of the type painted in Holland for the palaces of Europe.	Free Write in No. 1312	V	~	~			~	~	~	Residential, commercial, hotel, restaurant
Feature Tile 831-475-4602; Fax: Same as phone www.featuretile.com Soquel, CA 95073	Handmade high-relief 4-1/4-in. gloss tiles with nature themes. Handmade low-relief tile liners in stone matte glazes. Hand-painted murals on commercial tile.	Free Write in No. 1327	V		V			~		~	Handmade relief til & liners
London Tile Co. 419-929-1551; Fax: By request www.londontile.com New London, OH 44851	Glazed and unglazed floor, wall, and counter tiles. Tiles 3/8 in. thick, shipped in 10-sq.ft. packages with 3/8-in. mortar joint. Pavers manufactured in 3/8- up to 1-1/2-in. thickness.	Free Write in No. 500	V	~			~				Glazed, unglazed
M.E. Tile Co. 219-554-1877; Fax: 219-554-1880 www.metile.com Hammond, IN 46320	Produces 600 raised-relief and silkscreened tiles in 150 color-finishes, suitable for bathrooms, kitchens, foyers, fireplaces, door frames, and garden rooms. Special edges available. Custom designs a specialty.	Free Write in No. 24	V	~						V	Raised-relief & silkscreened tiles
Native Tile and Ceramics 310-533-8684; Fax: 310-533-8453 2317 Border Ave. Torrance, CA 90501	Custom and restoration tiles using blackline resist and relief methods. Mission, Craftsman, and Deco styles a specialty; inspired by Batchelder, Malibu, and Catalina tiles. Decorative trims, floor inserts, murals, fireplace fronts.	Free Write in No. 570	~	-						V	
North Prairie Tileworks 612-871-3421; Fax: 612-871-2923 www.handmadetile.com Minneapolis, MN 55408	Specialist in creating custom tile in a myriad of colors, shapes, and sizes, hand-painted and -cut. Custom color matching and reproductions of antique tiles.	Free Write in No. 793	~	V				~	~	~	Made-to-order tile mosaics, murals, reliefs, colors
Status Custom Ceramics 206-282-0181; Fax: 206-284-0927 1216 6th Avenue S Seattle, WA 98134	Design and manufacture of relief tile; mosaics; hand-painted murals and sinks.	Free Write in No. 5016	~		~			~	~	~	
Studio Vertu 888-241-9038x111; Fax: 513-241-0057 1208 Central Parkway Cincinnati, OH 45210	Creator of the Fresco tile & wall. Offers two styles: gift line for retailers with Italian tumbled-marble tiles, and Fresco walls in 8-in. tumbled marble and 12-in. urethane faux-marble tile.	Free	V		~			~		~	Kitchen backsplash
Tejas Clay Products Inc. 915-649-9310; Fax: 915-643-4746 104 E. Industrial Drive Brownwood, TX 76802	Frost-resistant, glazed and unglazed, textured, 12x12x1/2-in. floor tiles manufactured by extrusion with clay on clay colors; suitable for exteriors and interiors. Custom colors.	Free		-		~	~				
Terra Designs Tileworks 973-328-1135; Fax: 973-328-3624 www.terradesigns.com Dover, NJ 07802	Huge array of tile in made-to-order sizes, shapes, colors, and designs. Palette of 50 matte Craftsman glazes for tiles, moldings, and mosaics inspired by Grueby, Rookwood, and William Morris colors. Historic replication a specialty.	Free Write in No. 2790	V		~	777		~	~	V	
Terra Firma 803-643-9399; Fax: 803-643-9164 16 Lotus Lane Aiken, SC 29801	Complete line of originally designed handmade stoneware decorative relief & field tile; unique glaze palette can capture the look of semi-precious stones or timeless patinas. Colors & designs combine beautifully with natural stone.	Write in No. 2847	~		~	è					
Tile Council of America 864-646-8453; Fax: 864-646-2821 100 Clemson Research Blvd. Anderson, SC 29625	Trade association of domestic ceramic tile and accessory manufacturers. Publishes 'Handbook for Ceramic Tile Installation,' a reference for architects, designers, contractors, and builders; testing and development of new products.										Trade association
Tile Source, Inc. 770-993-6602; Fax: 770-993-0124 203 Mill Pond Road Roswell, GA 30076	Victorian-style decorative tiles, including true encaustic tiles & less-costly silk-screened simulations; mural & scenic tiles; kitchen tiles; London's famous "Blue Plaques," 20-in. diameter, in frostproof Staffordshire porcelain. Email: djmalk@aol.com	Plaques	-		•			~	~	V	Blue Plaques
Unicorn Studio 435-649-3611; Fax: 435-649-7686 220 St. Moritz Strasse Park City, UT 84098	Handmade stoneware tiles, trims, & corners in tradition of medieval Europe. Standard tile sizes are 6x6 & 4x4. Firm works closely with designers to customize tile for site-specific applications (curved surfaces, wraparounds, etc.).		-			, ,	~				Custom designs, customized glaze
Wausau Tile — Terra Paving Products 800-388-8728; Fax: 715-355-4627 www.wausautile.com Wausau, WI 54402	Manufacturer of precast-concrete pavers and terrazzo tiles; matching precast accessories for both. Many colors, textures, finishes, and styles available. Also, precast-concrete site amenities. Specialize in custom work.	Free Write in No. 4120		~		~	Q.				



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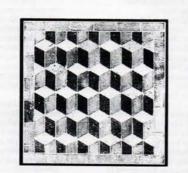
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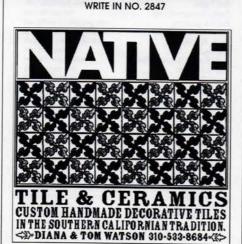
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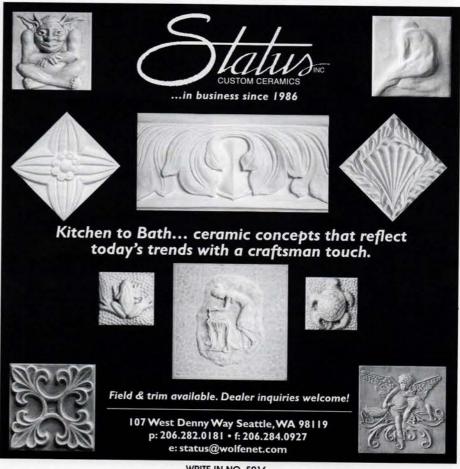


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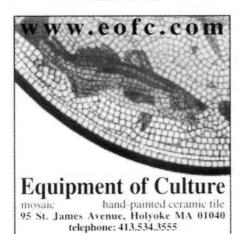
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ARCHITECTURAL ANTIQUES &

OPENING DOORS

A project to make internal doors at Harvard University ADA compliant shows that historical integrity need not be compromised in the name of accessibility.

By Michael Carey

ew would argue with the nobility of the aims of the Americans with Disabilities Act (ADA), but complying with the Act, particularly in historical settings, can be a difficult matter. How can accessibility be achieved with minimal impact on historically significant architectural features?

Here we trace a brief history of the ADA and its implications for the traditional builder. We also look at a recent project that involved an innovative accessibility application in a historically sensitive context.

The ADA & Historical Architecture

In 1986 "Toward Independence" was published by the National Council on Disability. This document was the first to recommend that "a comprehensive law requiring equal opportunity for individuals with disabilities be enacted." The Council went on to draft the first version of the ADA which was discussed and debated during the 1988 Congress. Subsequent hearings were held in every state.

The Act was formally introduced in May 1989 and, after further amendments, passed by the Senate on September 7, 1989. Five separate House Committees held hearings before the House of Representatives passed its version of the bill on May 22, 1990.

At the signing ceremony, then-President George Bush suggested that: "With today's signing of the landmark Americans with Disabilities Act, every man, woman and child with a disability can now pass through once-closed doors, into a bright new era of equality, independence and freedom."

The question of how these once-closed doors should be made accessible has been debated ever since. Standard practice has been established, in large part, for the new construction of buildings open to the public; in the case of historical public buildings, however, the question of balancing accessibility and historical integrity is still very much open.

The National Park Service has published a Heritage Preservation Services Preservation Brief on "Making Historic Properties Accessible," which attempts to set the standards for ADA compliance in historical settings. The brief states, in part, that: "The extent to which a historic interior can be modified depends on the significance of its materials, plan, spaces, features, and finishes." Of course, assessing this significance is, to some degree, a subjective undertaking, so the authors also refer readers to the Secretary of the Interior's "Standards for the Treatment of Historic Properties," which were created for property owners to guide preservation work.

According to the preservation brief: "These Standards stress the importance of retaining and protecting the materials and features that convey a property's historical significance. Thus, when new features are incorporated for accessibility, historic materials and features should be retained whenever possible. Accessibility modifications should be in scale with the historic property, visually compatible, and, whenever possible, reversible. The design of new features should also be differentiated from the design of the historic property so that the evolution of the property is evident."

ADA Compliance in the Field

ADA compliance can involve anything from the major renovation of a primary entryway and the creation of accessible pathways throughout a structure, with the installation of ramps, rails, wheelchair elevators, and so forth, to the use of 1/2-in. bevels to smooth the threshold of an internal doorway.

In all cases, however, a careful attempt







F.E. Ciccone's mechanisms for automating the internal doors in University Hall at Harvard University consist of an electro-hydraulic operator (top) and custom-fabricated metal arm (middle). The mechanisms were installed beneath the floor and covered with an 1/8-in.-thick brass plate (above).

should be made to identify and evaluate all accessibility options within a preservation context. Providing accessibility always involves weighing factors such as structural and historical impact, cost, and efficacy.

In some cases access technology is such that it may be incorporated into a historical setting with very little impact. Such is the case with F.E. Ciccone & Co.'s work on University Hall at Harvard University.

An Interior-Door Project

University Hall dates from 1814 and was designed by Charles Bulfinch. Often seen as the first professional American architect, Bulfinch was a graduate of Harvard, although not in architecture, and he, more than any other, was responsible for developing a Neo-Classical architectural style in the United States.

The building was renovated extensively in late 2000 and early 2001 and made ADA-compliant at this time. The university hired F.E. Ciccone & Co. to make custom alterations to automate three sets of historical wood doors for operation by the disabled.

Ciccone, who has bases in East Boston, Mass., and Harrisburg, Pa., has extensive experience in the restoration of historical-building entrances and doorways. The firm works primarily in bronze, brass, iron, and steel, but also specializes in custom ADA conversions of doors in all materials, and restores and supplies wood doors. They also provide training and consultation services as well as door operators and controls.

Mindful of the historic significance of the 19th-century fir and white pine doors, Ciccone aimed from the outset to make the automation mechanisms as unobtrusive as possible. Two control devices were used for each set of doors. The devices are approximately 10 in. wide by 8 in. deep by 26 in. long and were designed and custom fabricated in steel by Ciccone. The systems are all electric/hydraulic and are triggered by push buttons. All controls were concealed beneath the floor with only a small portion of the control arms protruding and extending under the bottom of the doors. A brass plate, 1/8 in. thick and 12 in. wide, was also installed across each threshold.

Ciccone also performed slight alterations to the doors, reinforcing them and installing metal guides concealed in the door bottoms. The original hardware on the doors, two sets of strap hinges and one set of butt hinges, were rebuilt, and bearings and grease fittings were installed.

The result of this careful work is a model of well thought-out ADA compliance: The doors retain their historic character and provide complete and easy access to all. ■

See the SourceList on pp. 140-142 for full contact information on F.E. Ciccone



Besides concealing the operating mechanisms and all but an inch or two of the metal arms, the 12-in.-wide brass plate at the thresholds of the doors also matches the existing kickplates.

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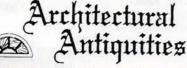
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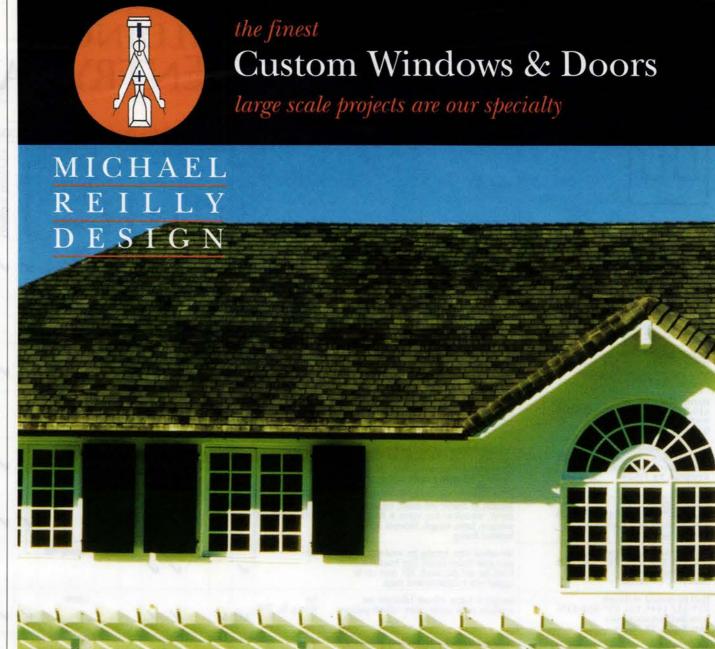
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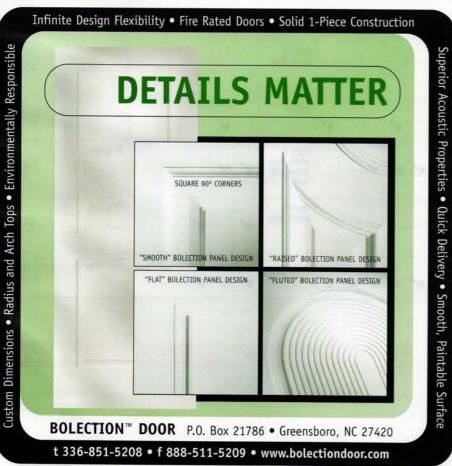
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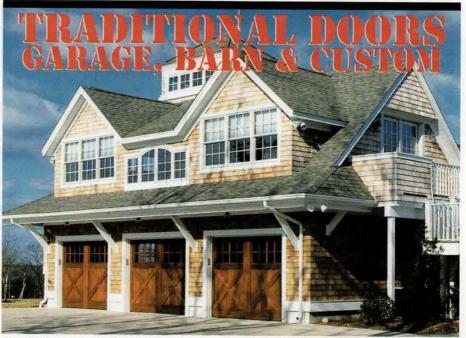


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Hendricks Woodworking 610-756-6187; Fax: 610-756-6171 www.historicdoors.com Kempton, PA 19529	Custom manufacturer of wood windows and doors for restoration or period-style construction. Specialist in custom entryways and interior doors, including storefronts. Will produce curved moldings to match your profile.	Free Write in No. 3570	v	v		~	V		V	Custom	~	~	~		All species	100%
Heritage Door, LLC 734-414-7100; Fax: 734-414-7103 www.heritagedoorusa.com Canton, MI 48187	Specializes in standard and custom, interior and exterior, stile-and-rail door systems in Honduras mahogany. Jambs, astragals, brickmold, and exotic hardwood flooring.	Free Write in No. 1350	v	~	~	v	v		V		~	~	~	342	Honduras mahogany, oak, pine	50%
Heritage Veneered Products 877-966-3767; Fax: 715-526-3226 www.woodport.com Shawano, WI 54166	Stile-and-rail doors featuring five wood-veneer species; paint-grade Medium Density Fiber board available in raised, flat, and glass panels. MDF doors can be supplied with a custom-routered design.	Free	v			~	~			Routered MDF					Oak, cherry, maple, birch, poplar, MDF	20%
Hull Historical Millwork 817-332-1495; Fax: 817-332-1496 www.hullhistorical.com Fort Worth, TX 76104	Specialist in historic millwork. Fabrication and installation of full interior custom millwork packages.	Free Write in No. 3016	~	v		,	,			Custom	v	v			Longleaf pine, as specified	100%
Kaylien, Inc. 800-748-5627; Fax: 619-448-5196 www.kayliendoors.com Santee, CA 92072	Waterproof fiberglass gates and doors in a variety of designs; authentic reproductions or modern designs. Wood-grain-look gates; bronze, copper, pewter.	Free Write in No. 8158	~	V	v	V		V	v	Hotel, custom, fire- rated	V	~	v	Large standard- design doors	Reproductions of all woods & design	15%
Kingsland Co. Doors 860-542-6981; Fax: 860-542-1752 www.kingsland-shutters.com Norfolk, CT 06058	Entryways are custom-designed in Honduras mahogany: doors, jambs, thresholds. Glazing options include: single glass, insulated glass with true divided lites, leaded-glass sidelites and transoms; special shapes. Also, screen doors.	Free Write in No. 4573	V		V	~			~	Traditional entryways, screen doors	V	V	V		Honduras mahogany	100%
Mahlia Collection 520-791-2185; Fax: 520-281-4234 P.O. Box 1682 Nogales, AZ 85628	Customized doorways with stone surround to match, if needed.	Free Write in No. 8005	v	~		v						~			Alder, as specified	100%
Michael Reilly Design 631-208-0710; Fax: 631-208-0711 www.michaelreilly.com Calverton, NY 11933	Fabricator of high-end custom wood windows and doors, cabinetry, and architectural woodwork.	Free Write in No. 9210	v			v	v			Storm & screen doors	V	~			All species	100%
Phoenix Door Manufacturing Co. 800-622-0688; Fax: 714-544-7856 www.phoenixdoor.com Tustin, CA 92780	"NEW-TECH" interior and exterior solid doors built to special architectural specifications, including custom sizes up to 5 feet wide and 14 feet tall. Wide selection of standard and custom designs.	Free Write in No. 8178	v		v	V	~	~		Arch top, common curve, bi-fold, MDF	V			Sidelites & transoms	All species	100%
Somerset Door & Column Co. 814-445-9608; Fax: 814-443-1658 www.somersetcolumns.com Somerset, PA 15501	Colonial wood columns, custom or standard, up to 40- in. dia. and 40-ft. length; architectural solid-wood doors, hand assembled to spec.; newels, balusters, posts, casework and moldings.	Free Write in No. 1095	V		~	~	~		V			~			All species	55%
Sun-Dor-Co 800-835-0190; Fax: 316-284-0066 901 South Spencer Road Newton, KS 67114	Manufactures tall and odd-size doors and complete custom entrance systems for historical replications or new construction, featuring sidelights, transoms, non-fingerjointed frames, and solid white oak sills.	Free Write in No. 5720	~		~	~	v	V	v	Custom	~	v	~		All species	100%
Versatile Sash & Woodworking 503-238-6403; Fax: 503-238-0669 1420 SE Water Ave. Portland, OR 97214	Wood doors and windows; can duplicate existing woodwork in both residential and commercial applications; dealer for other companies.	Free Write in No. 8167												- postoni - nje ni		50%
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, corbles, custom-length spandrels, and more. 224-page Master Reference Catalog, 208-page Porch Design Book.	Free Write in No. 1061								Storm & screen doors						20%
VisionCraft 918-836-8014; Fax: 918-836-8015 www.visioncraft-usa.com Tulsa, OK 74110	Specialist in customized replication of architectural ornaments in wood and stone. 3D laser scanning on site; customized furniture.	Free Write in No. 2673	,	~		~			~	Custom		~				100%
Weston Millwork Company 816-640-5555; Fax: 816-386-5555 722 Washington St. Weston, MO 64098	Company specializes in exact reproductions of historic windows and doors. Sashes only, frame components made to specifications (or original work if it can be shipped to them), and complete window units. Suited to small jobs.	Free Write in No. 1316	V		~	~	~			Storm & screen doors, framed-ledge doors	~	~			All species	100%
Wood Factory	to small jobs. Historically accurate millwork reproductions interior &	r	-							Storm &	1		1		All species	

All species

Most domestics

90%

100%

Wood Factory 936-825-7233; Fax: 936-825-1791 111 Railroad Street Navasota, TX 77868

Wood Reflections 888-647-2600; No Fax www.woodreflections.com Atascadero, CA 93423 Historically accurate millwork reproductions, interior & exterior: doors, screen doors, benches, stair parts, railings, porch parts, custom-turned column bases, newels, and more. Specialist in custom matching existing parts.

Produces custom hand-carved wood doors, mantels, cabinets, furniture, and wall carvings. Designs range from rustic Western to elegant traditional styles.

Free Write in No. 7120

V V V V

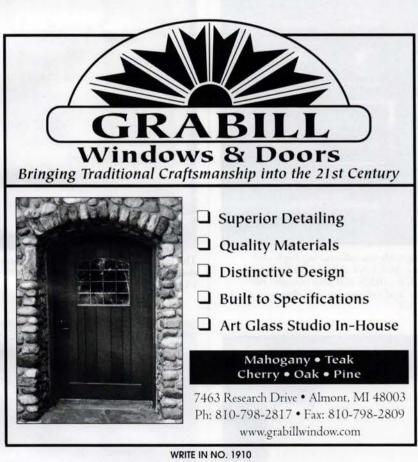
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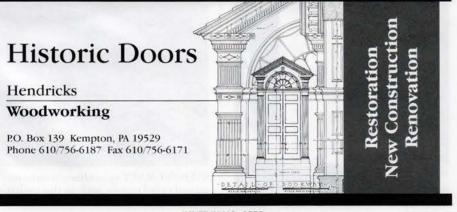
Free

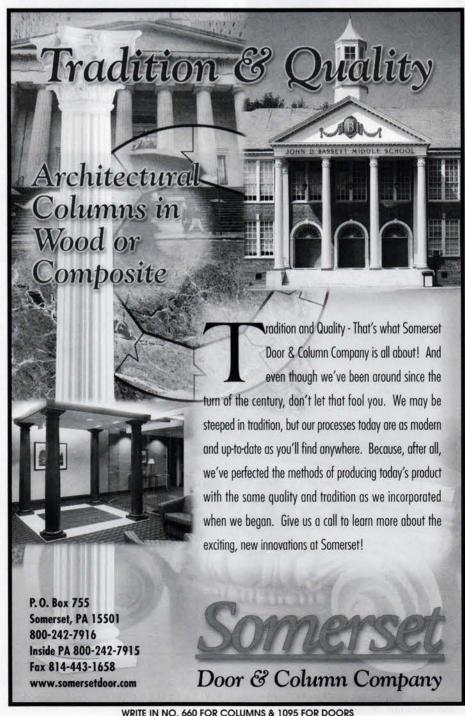
Storm & screen doors

~



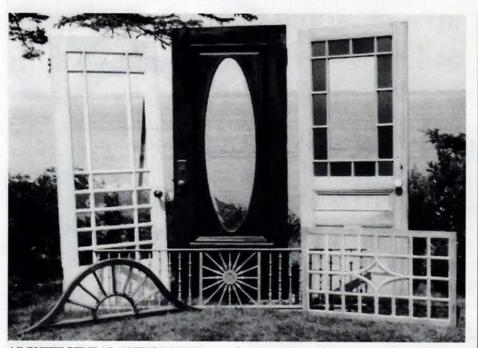




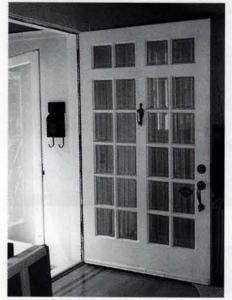


WOOD DOORS & ENTRYWAYS PORTFOLIO

For complete contact information on these companies, consult the SourceList on pp. 140-142.



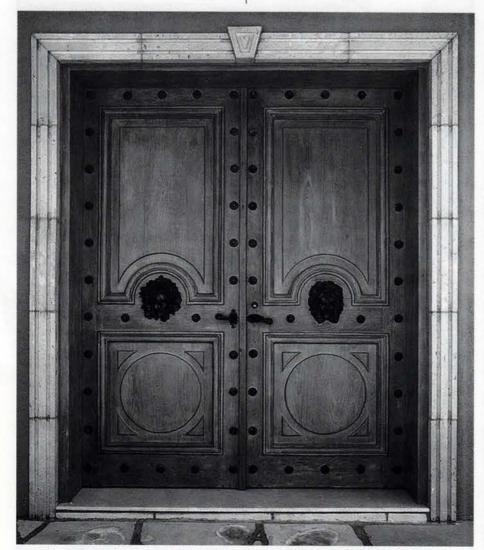
ARCHITECTURAL ANTIQUITIES provides antique interior and exterior doors as well as entrance sets complete with sidelites. Write in No. 893



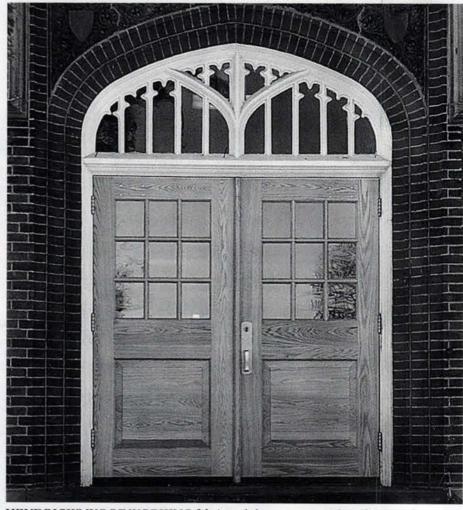
This extra-wide, multiple-lite doorway was custom-made by the artisans at DRUMS SASH & DOOR. Call 570-788-1145 for information



This 4x9-ft., mahogany round-top door was manufactured by GRABILL WINDOWS & DOORS, right down to its beveled glass and solid-bronze hardware. Write in No. 1910



Customized doorways can be obtained from MAHLIA COLLECTION complete with stone surround. Write in No.~8005



HENDRICKS WOODWORKING fabricated these commercial-grade entry doors which feature mortise-and-tenon joinery. Write in No. 3570



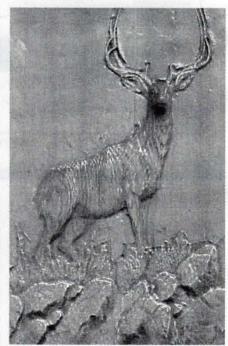
Along with manufacturing high-end doors, ACCENT ARCHITECTURAL MILLWORKS will also restore, rehinge, and rehang antique doors. Write in No. 1248



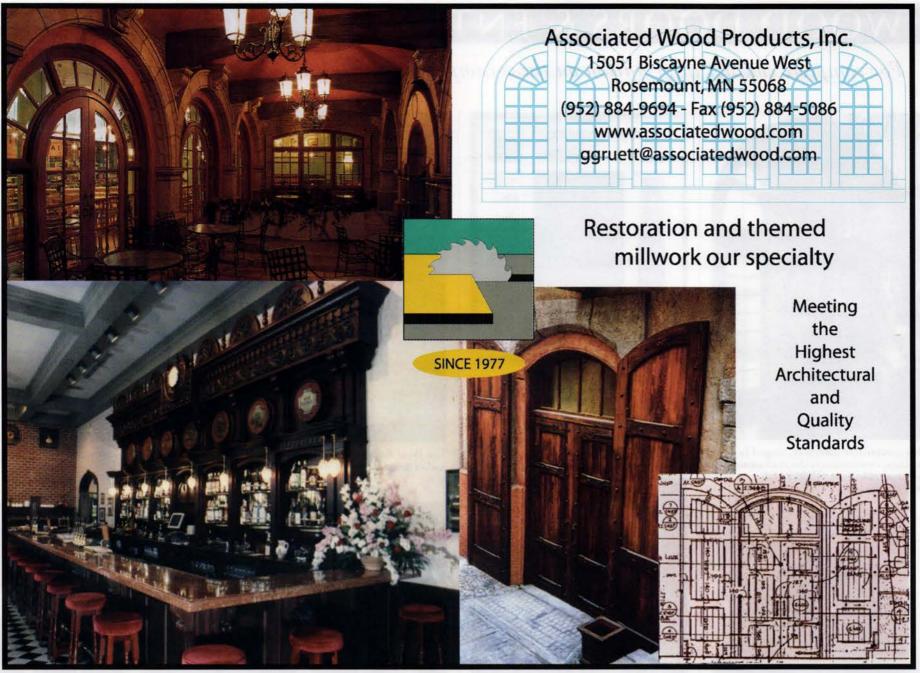
Door #BOL-2003 from BOLECTION DOOR has carved panels made from pressure-formed medium-density fiberboard. Write in No. 519



The handsome relief carvings on these doors is the handiwork of WOOD RE-FLECTIONS.



VISIONCRAFT specializes in customcarved relief panels, such as this majestic deer image. Write in No. 2673



WRITE IN NO. 97

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The door above is all hand-cut & hand-bevelled glass The bath window (right) is in a home in Jackson, MS.

WRITE IN NO. 2510

Solid Wood Doors & Cabinetry

· Specializing in carriage house doors, traditional and Arts & Crafts Replicas



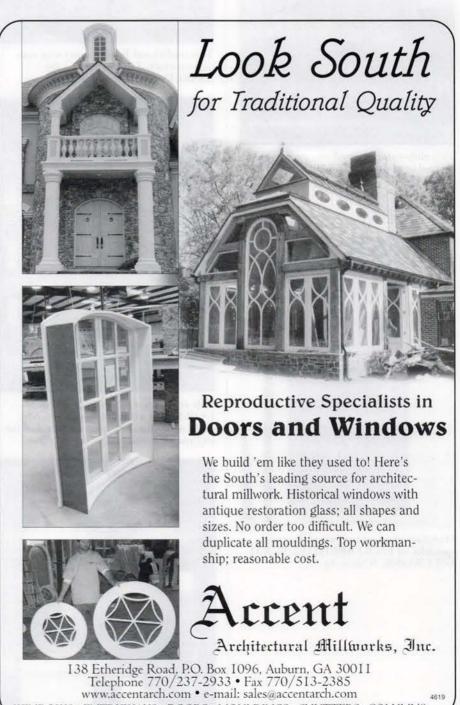
Fine Woodworks, Inc. Hand-Crafted Architectural Products

OLD WORLD QUALITY, BUILT TO CUSTOM SPECIFICATIONS

173 - 6th Street, Brooklyn, NY 11215

Tel: 718-422-0205 Fax: 718-422-0207 e-mail: finewoodworksinc@aol.com

WRITE IN NO. 81



WINDOWS • ENTRYWAYS • DOORS • MOULDINGS • SHUTTERS COLUMNS WRITE IN NO. 1248

WOOD DOORS & ENTRYWAYS PORTFOLIO

For complete contact information on these companies, consult the SourceList on pp. 140-142.



This spectacular entryway, ringed in sidelites, demonstrates the craftsmanship available from HERITAGE DOOR. Write in No. 1550



This elaborately carved entryway was crafted in teak by CENTURY WOOD-WORKING.



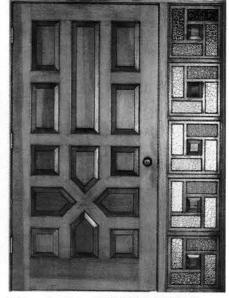
Manufacturing custom wood doors is a specialty of ENJO ARCHITECTURAL MILLWORK. Write in No. 8022



KINGSLAND custom-manufactures entryways in Honduras mahogany. Write in No. 4575



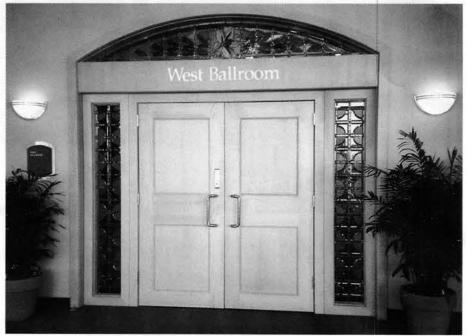
This traditional French entryway was custom-crafted in French oak by ASSELIN SA. Write in No. 8051



This entry door, #SD562 from SUN-DOR-CO, is available in tall and odd sizes, or with safety glass substituted for any panel. Write in No. 5720



These custom-designed glass-panel doors, made by SOMERSET DOOR & COLUMN, feature raised moldings and beveled glass. Write in No. 1095



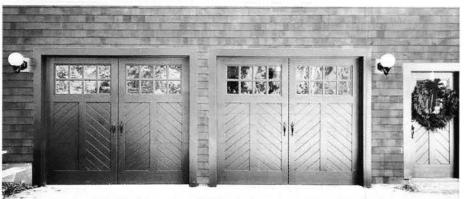
The West Ballroom of Alabama's Mobile Convention Center boasts a colorful fanlight and ornate sidelites, courtesy of ART GLASS OF THE SOUTH. Write in No. 2510



ADAMS ARCHITECTURAL WOOD PRODUCTS created a new, custom double entrance for this storefront in Davenport, Iowa. Write in No. 1265



DESIGNER DOORS created these handsome entry doors for Sacred Heart Church in Sharon, Pa. Write in No. 109



Along with making custom garage doors, HAHN'S WOODWORKING will also provide matching entrance doors, like the wreathed door at far right. Write in No. 6640

Metal Doors

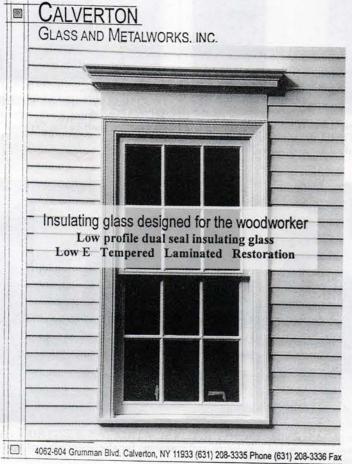
America's greatest traditional designs reproduced for elegant traditional homes with polished metal faces. Optional: Patina highlights, black wipes, and beveled/leaded glass.





P.O. Box 711599 • Santee, CA 92072 • Fax: (619) 448-5196 www.kayliendoors.com • 1-800-748-5627

WRITE IN NO. 8158



WRITE IN NO. 32

WWW.traditional-building.com Internet Gateway to Historical Products

RADITIONAL BUILDING

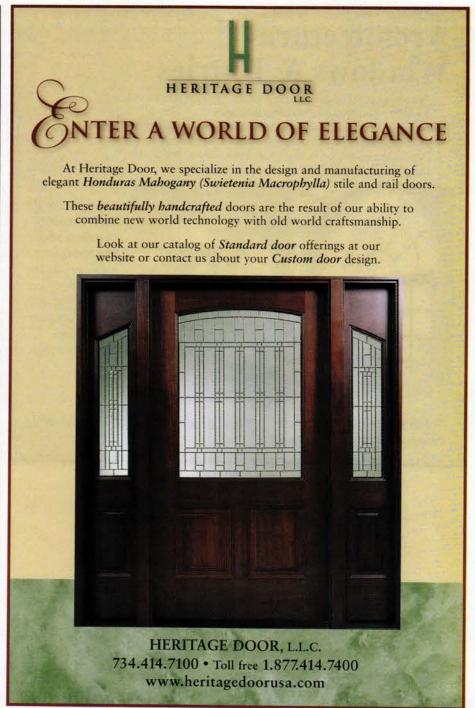
maintains the central Website for historically styled products and services on the Internet -products used for restoration, renovation, and new construction projects. There's more information and links to historical products than you'll find on any other site.

AMONG THE FEATURES:

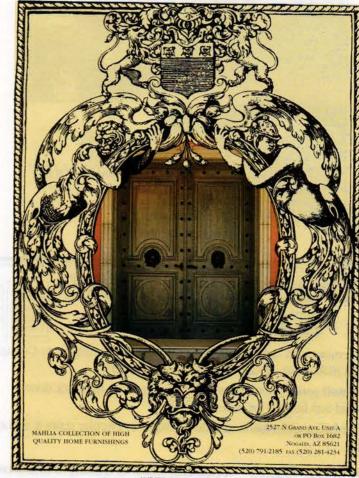
- Searchable Product Database with 113 product categories
- 482 companies listed and indexed in the Product Database
- 228 Online product brochures
- Links to 375 Companies and related Organizations
- In-Depth Product Report of the Month
- E-Mail Order Form for Product Literature

Log onto — and then Bookmark www.traditional-building.com





WRITE IN NO. 1350



WRITE IN NO. 8005

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WRITE IN NO. 8167

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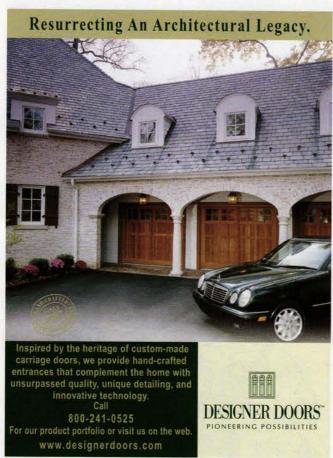
TRADITIONAL MAHOGANY DOUBLE-HUNG AND CASEMENT WINDOWS ARCHED TRANSOMS & CATHEDRAL WINDOWS ENTRY SYSTEMS, PATIO AND FRENCH SWINGING AND SLIDING DOORS EUROPEAN TILT-TURN WINDOWS, LIFT-SLIDE AND TILT-SLIDE DOORS INSULATED, CURVED, LAMINATED, RESTORATION & ART GLASS CLASSIC AND PERIOD IRON AND BRONZE HARDWARE



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WRITE IN NO. 3025



WRITE IN NO. 109

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PHONE (570) 788-1145 • FAX (570) 788-3007

website: www.drumssashanddoor.com E mail: woodworking@intergrafix.net

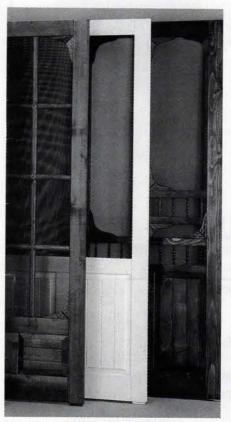
FOR EASY ACCESS TO

FILL OUT THE ENCLOSED POSTCARD OR USE THE COUPON ON PAGE 214.

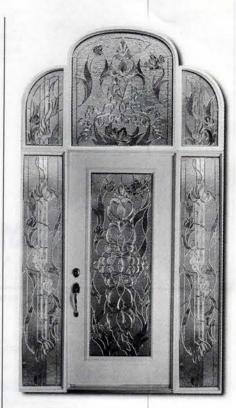
WOOD DOORS &

RYWAYS PORTFOLIO

For complete information on these companies, consult the SourceList on pp. 140-142.



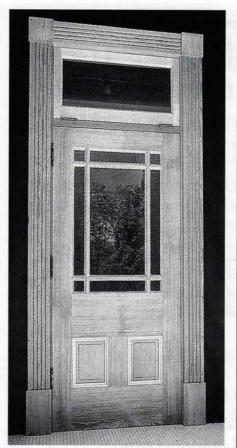
Wood screen doors from COPPA WOODWORKING are available in a multitude of styles and sizes. Write in No.



DECORATIVE GLASS INTERNA-TIONAL produces spectacular art-glass entryways, such as the "Vegas Design," shown here.



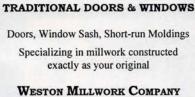
Along with veranda doors, ARCHITECTURAL WINDOWS & ENTRIES also produced the authentic period casements and transoms for the restoration of this landmark building. Write in No. 3025



WESTON MILLWORK designed and built this raised-panel door and entry-way for the restoration of an Irish pub storefront. Write in No. 1316



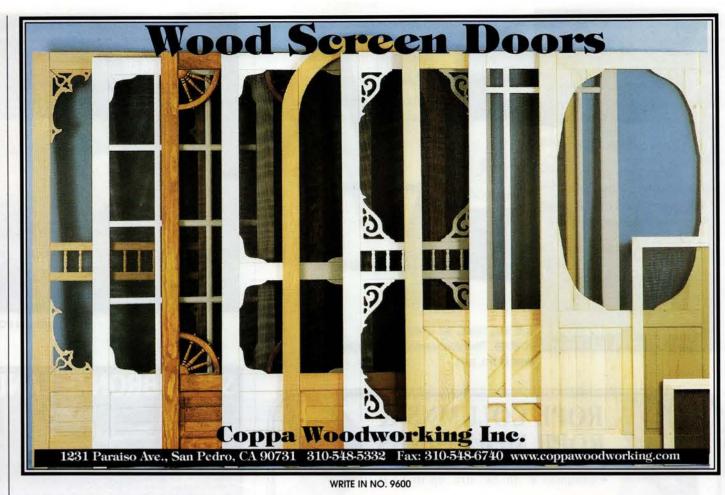
These bronze doors, designed by Daniel Chester French for the Boston Public Library, were restored by F.A. CICCONE & CO. Write in No. 525



722 Washington Street Weston, MO 64098 Tel. (816) 640-5555 Fax (816) 386-5555

WRITE IN NO. 1316







ENJO Architectural Millwork

MANUFACTURER OF QUALITY CUSTOM HARDWOOD DOORS and WINDOWS



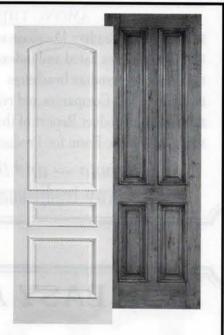
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WRITE IN NO. 8022



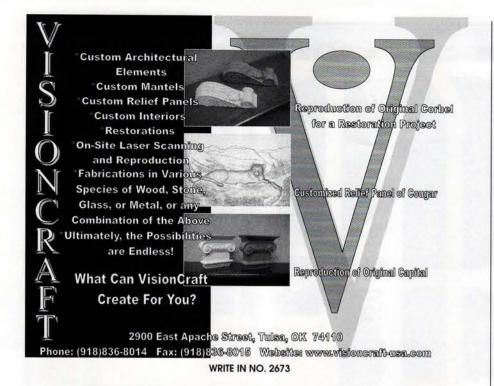


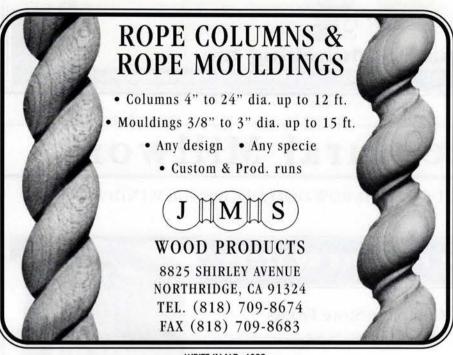
Solid made-to-order stain and paint grade doors in a wide selection of standard and custom designs. NEW-TECH* doors can be built to special architectural specifications including custom sizes up to 5" wide and 14" tall. Call for our new brochure on all door series.

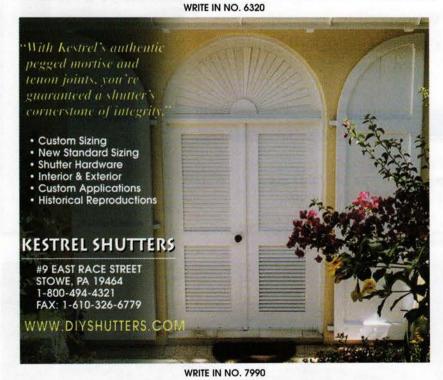
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WRITE IN NO. 8178

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WRITE IN NO. 8161



WRITE IN NO. 5720





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PUTTING WOOD TO WORK

Ometimes it seems as though the term "wood interior" is a redundancy: Unless you live in an igloo or a pup tent, wood will probably be abundantly present in your interior decor. Doors and windows, paneling and casework, furniture, moldings, and casings — if they aren't made of wood, the odds are that they're striving mightily to look as though they are. The warmth, beauty, and naturalness of this beloved material, however it may be carved or tooled or stained or painted, speak directly to people and create an atmosphere that no other building material can really duplicate.

The SourceList starting on page 152 should provide some sense of how ramified and indispensable wood has become in interior decor — and even more importantly, it should provide the best way of finding the appropriate woodwork supplier for your needs. From entire millwork packages to simple types of trim, there is a source that will best satisfy the client's intentions. We've also included information on specialists in custom work, as well as a breakdown of the wood species available from the various firms listed. ■

INTERIOR WOODWORK & FURNISHINGS

For full contact information on these companies, consult the SourceList on pp.152-158.



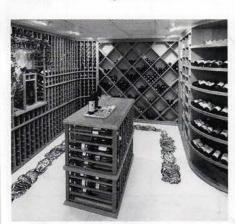
FREDERICK WILBUR, WOOD-CARVER is an expert at producing intricately hand-carved wood moldings. Write in No. 1650



Shutters from KINGSLAND include the raised-panel "Simsbury," with 1-1/4-in.-thick stiles and rails. Write in No. 196



The "Rebecca" shelf, #4510 from VIN-TAGE WOOD WORKS, is 38-1/2 in. high by 8-1/2 in. deep, and can be ordered in custom lengths. Write in No. 1061



WINE CELLAR INNOVATIONS designs wine cellars and wine-display racks for a range of applications. Write in No. 2910



AUTHENTIC WOOD FLOORS uses reclaimed lumber from barns and warehouses to make flooring, beams, paneling, and reproduction furniture. Write in No. 8000



BEAR CREEK LUMBER sells a variety of products made of Ponderosa pine, including the paneling seen here. Write in No. 521



DEER PARK STAIRBUILDING & MILLWORK offers wood stairs in custom as well as standard designs. Write in No. 1107



Antique wood from AGED WOODS was used to create the floors and arched ceiling of this kitchen and dining area. The company frequently supplies antique wood for retail and hospitality interiors. Write in No. 1520



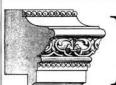
CHESTNUT SPECIALISTS reclaims antique lumber from vintage barns and houses that are scheduled for demolition and remills it into quality flooring. Write in No. 8780



Decorative wood appliques available from CLASSIC ARCHITECTURAL SPECIALTIES include this symmetrical pair, #s 778 (left) and 779. Each measures 10-1/4x15-3/4 in. Write in No. 4200



The imagery carved into this breathtaking console table by DIMITRIOS KLIT-SAS combines allusions to the ocean, garden flowers, and basket weave. Write in No. 7380



TRADITIONAL BUILDING SourceList for NTERIOR WOODWORK & FURNISHINGS

COMPILED	BY COLE GAGNE												CSI#	06400
COMPANY	SPECIALTY	Literature	Built-Ins	Freestanding Furniture	Moldings	Paneling	Casework	Doors	Windows	Casings	Millwork Packages	Other	Wood Species	% Custom
ccent Architectural Millworks, Inc. 70-237-2933; Fax: 770-513-2385 ww.accentarch.com uburn, GA 30011	Custorn 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.	Free Write in No. 1248			~	,		~						100%
ed Woods, Inc. 0-233-9307, Fax: 717-840-1468 ww.agedwoods.com rk, PA 17402	Rustic, recycled antique woods and beams for t-&-g plank flooring, timber framing, paneling, stair parts, moldings, and in dimensional form for cabinetry. Kiln-dried and milled. Wide plank, random-width, and antique flooring.	Free Write in No. 1320			v	,	~					Stair parts, flooring		100%
aco Ladder Co. 18-310-7040; Fax: 909-591-7565 67 'G' St. 1100, CA 91710	Custom manufacturer of hardwood rolling-track library ladders. Other hardware options and finishes also available.	Free Write in No. 1282										Library ladders	All hardwoods	100%
exander Mfg. 3-666-9491; Fax: 503-666-4821 2 S.E. 199th St. rtland, OR 97233	Architectural interiors and millwork company manufactures millwork, casework and fixtures, and ornamental metals for hotels, restaurants, casinos, corporate offices, and unique projects.	Free	v	,	~	~	,	v	V	~	,		All species	100%
pha Omega Western Furnishings, Inc. 0-959-7320; Fax: 530-272-8990 ww.alpha-omegawf.com ass Valley, CA 95945	Woodworking studio works with various professionals, developers, & designers. Specializes in Western Primitive log lodge-resort & themepark furnishings. Real wagon-wheel furniture & lighting. Also, religious sculpture & carved wood.	Free Write in No. 3157		v			v		W III			Custom carving & furniture		50%
nerica Heart Pine, Inc. 0-554-5765; Fax: 901-382-0577 ww.americaheartpine.com lington, TN 38002	Specialist in antique heart-pine. Oak, pine, heart pine, chestnut, maple, cypress, and Douglas fir in new cut or vintage stock; other species available. Flooring, cabinets, door stock, molding, stair parts, air vents, beams.	Free Write in No. 4060			v			V				Flooring		N/A
dy Thornton Ltd. 4-1422-375595; Fax: +44-1422-377455 vw.andythorntonltd.co.uk land, W. Yorkshire, UK HX5 9JP	Suppliers of complete original paneled rooms from huge stock of architectural antiques. Craftsmen design and manufacture complete wooden room interiors incorporating leatures - inglenook fireplaces, mantels, bookcases, recesses, seating alcoves, & secret doors.	Free Write in No. 5063	~	~	~	~	~	V			V	Secret doorways, inglenook fireplaces		80%
chitectural Antiques Exchange 5-922-3669; Fax: 215-922-3680 vw.architecturalantiques.com iladelphia, PA 19123	Architectural salvage, including antique and reproduction wood and marble mantels, doors, ornate armoires, street lamps, leaded and beveled glass, mirrors, bars, signs, urns, paneling, and lighting.	Free Write in No. 17	V	V		v		,				Antique mantels		0%
chitectural Antiquities 17-326-4938; No Fax ww.archantiquities.com arborside, ME 04642	Primarily Victorian-era antiques, including plumbing, hardware, interior and exterior lighting, columns, brackets, doors, windows, ironwork, fretwork, beams, stair parts, and mantels, all cleaned and refurbished. 45-minute video.	Free Write in No. 893				v	~					Antique mantels		0%
rchitectural Paneling, Inc. 12-371-9632; Fax: 212-759-0276 ww.apaneling.com ew York, NY 10022	Hand-carved wood ornaments, deep-sculpt wood moldings, and hand-carved fireplaces in walnut, cherry, mahogany, oak, maple, and poplar wood. Special sizes and custom designs available.	Free Write in No. 6490	,	V	~	~	~	~			,	Mantels, moldings, carvings	Maple, cherry, white & red oak, walnut, mahogany	95%
chitectural Products by Outwater, LLC 0-835-4400; Fax: 800-835-4403 ww.outwater.com pod Ridge, NJ 07075	Supplier of more than 35,000 ready-to-ship building-component products including int/ext. architectural millwork, columns, decorative moldings & trim, wrought-iron components, hardware & lighting.	Free Write in No. 8162	~		V	~	V			V	~	Capitals, bar rails, wood fire surrounds, wood ornament, carvings, more	Assorted	10%
chitectural Timberworks 70-639-2353; Fax: 570-639-0931 ww.archtimb.com allas, PA 18612	Design, consultation, fabrication, and installation of custom timber framing and related products.	Free Write in No. 592										Timber framing		1009
te De Mexico 8-753-4559; Fax: 818-563-1015 ww.artedemexico.com ırbank, CA 91506	Edectic mix of antique architectural elements, furnishings, and art from Mexico, Morocco, India, etc. Company also produces new items such as wrought ironwork, religious sculptures, hardware, and lighting.	Free Call for more information		v										30%
selin SA 17-541-3626 (USA); Fax: 207-253-5359 ww.asselin.fr 1102 Thouars, FRANCE	French firm specializing in traditional joinery work. Custom doors and entries in French oak; leaded-glass and hand-forged hardware also available.	Free Write in No. 8031			~	~	~	~	~	~				1009
nthentic Wood Floors, Inc. 00-765-3966; Fax: 717-428-0464 0. Box 153 en Rock, PA 17327	Lumber reclaimed from barns and warehouses and recycled into flooring, beams, paneling, molding, wainscoting, etc. Company mills and kiln-dries product.	Free Write in No. 8000			~	~	~					Flooring, beams, wainscoting	C.4	1009
ear Creek Lumber 00-597-7191; Fax: 509-997-2040 ww.bearcreeklumber.com inthrop, WA 98862	Many types of T&G paneling in Western red cedar, Alaskan yellow cedar, Port Orford cedar, incense cedar, knotty pine, clear fir, or redwood. Can custom-mill any pattern. Specialize in clear grades as well as FSC and recycle/ salvage products.	Free Write in No. 521			~	~					~	Flooring, beams, wainscot	Cedar, redwood, pine fir	15%
eech River Mill 03-539-2636; Fax: 603-539-1384 ww.beechrivermill.com enter Ossipee, NH 03814	Custom louvered doors and exterior wood shutters and hardware; duplication and authentic reproduction in any size or period. Consultation, design, site visit, and installation services available.	Free Write in No. 4110						~						1009
randt, Sylvan 17-626-4520; Fax: 717-626-5867 ww.sylvanbrandt.com titz, PA 17543	18th- and 19th-century building materials salvaged from old houses and barns. Specialist in antique and resawn flooring. Roof rafters, floor joists, hardware, and antique glass also available.	Free Write in No. 3950						V				Beams, flooring	N badaada	1009
arlisle Restoration Lumber 00-595-9663; Fax: 603-446-3540 ww.wideplankflooring.com toddard, NH 03464	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 recreate the look of hand-crafted floors.	Free Write in No. 5580			~	~						Wide-plank wood flooring	Pines, hardwoods, complete range of species	1009
hadsworth's 1.800.Columns 00-486-2118; Fax: 910-763-3191 ww.columns.com istoric 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.	Free Write in No. 180)									Columns, capitals, pillars, pilasters		75%
hemcrest Architectural Products 00-665-6653; Fax: 888-715-1813 ww.chemcrest.com //innipeg, MB, CANADA R3H 0P5	Building components & architectural details in high-density polyurethane & pre-coated EPS, interior & exterior: medallions, wall niches, mantels, crown moldings, balustrade & railing systems; door, window, & other exterior trim.	Free Write in No. 2764			-								Polymer	109
hestnut Specialists, Inc. 60-283-4209; Fax: Same as phone ww.chestnutspecialists.com lymouth, CT 06782	Remanufactured flooring from reclaimed antique lumber. Hewn beams, weathered barnboards. Chestnut, oak, and pine. Salvaged dimensional lumber. Resawn, kiln-dried, remilled.	Free Write in No. 8780										Flooring, beams, planks	Chestnut, oak, pine, hemlock	100
lassic Architectural Specialties 00-662-1221; Fax: 972-552-9054 ww.casdesign.com orney, TX 75126	Full-service supplier of architectural components, furnishing complete packages for period commercial exteriors, from millwork to street lighting.	Free Write in No. 4200			v	•					~		10	509
ondon Co., M. I 14-946-4111; Fax: 914-946-3779 28 Ferris Ave. /hite Plains, NY 10603	Stock and custom moldings, millwork, and architectural trims in oak, walnut, maple, cherry, poplar, and exotics like wenge, cocobolo, & padauk. Also, hardwood flooring, custom turnings, & curved moldings. Can duplicate any molding.	Free Write in No. 57			·	•	v	,	•			Architectural trim	40 species including oak, mahogany, poplar, cherry, map wenge	
ountry Road Associates, Ltd. 45-677-6041; Fax: 845-677-6532 ww.countryroadassociates.com fillbrook, NY 12545	19th-century reclaimed wood, barnsiding, and hand-hewn beams. Flooring available in chestnut, white pine, hemlock, white oak, heart pine, and cherry.	Free Write in No. 7480	~	~		v	,	•				1		100
Cowls, W.D., Inc. 413-549-1403; Fax: 413-549-0000 www.cowls.com North Amherst, MA 01059	NELMA-grade stamping sawmill concentrates on Eastern white pine, hemlock, and red and white oak. Also, rough or dressed timbers up to 26 ft. long. Extensive log inventory separated for species and length. Timber sizer is 16x24 in.	Free Write in No. 5270										Large beams & timbers		100
Cumberland Woodcraft Co. 800-367-1884; Fax: 717-243-6502 www.cumberlandwoodcraft.com Carlisle, PA 17013	Supplier of architectural details offers complete line of ornate appointments, from carved capitals, corbels, moldings, onlays, and medallions to completed cabinetry, bars with back bars, service counters, detailed wall treatments.	Free Write in No. 1310	-	~		, ,		, ,	,	v	, ,		Maple, oak, cherry, mahogany, walnut, poplar	40

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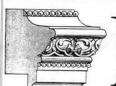
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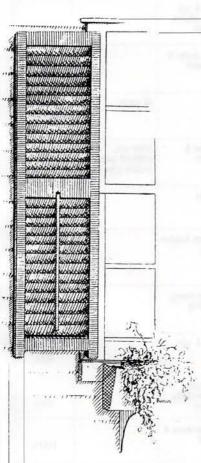


TRADITIONAL BUILDING SourceList for NTERIOR WOODWORK & FURNISHINGS

	ED BY COLE GAGNE		T		T	T		T	T	Т			CSI#	06400
COMPANY	SPECIALTY	Literature	Built-Ins	Freestanding Furniture	Moldings	Paneling	Casework	Doors	Windows	Casings	Millwork Packages	Other	Wood Species	% Custon
Decorators Supply Corp. 773-847-6300; Fax: 773-847-6357 www.decoratorssupply.com Chicago, IL 60609	14,000 patterns for period architectural elements and molded ornament, from ceiling medallions to mantels, in plaster of pans, compo, and wood since 1893. Set of 5 catalogs, \$30.	Free Write in No. 210	-		~	-	3	9		3	Z.C.	Mantels	wood species	15%
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.	Free Write in No. 1107			~	G						Stairs & parts		100%
Diamond Manufacturing, Inc. 800-343-1009; Fax: 816-421-4735 www.diamondmfg.com Kansas City, MO 64116	Interior/exterior molded ornament; custom and standard parts available. Custom-cast pieces with brass, bronze, copper, or nickel-silver metal coating available.	Free Write in No. 583			V	à							Polymer	60%
Drums Sash & Door Co. 570-788-1145; Fax: 570-788-3007 www.drumssashanddoor.com Drums, PA 18222	All-wood doors and entryways according to customers' drawings or specifications. Write or fax for free quote.	Free Call for more information						~					Pine, oak, mahogany, Spanish cedar, poplar, birch	100%
Duluth Timber Co. 218-727-2145; Fax: 218-727-0393 www.duluthtimber.com Duluth, MN 55816	Supplier of custom-cut post-&-beam material in Douglas fir and Southern yellow pine; certificate-graded when necessary.	Free Write in No. 112			v	v	V			V	V	Flooring, beams		100%
Dykes Lumber Co. 201-867-0391; Fax: 201-867-2981 www.dykeslumber.com Weehawken, NJ 07087	Architectural woodwork supplier: stock doors; stock and custom mantels; all types of wood windows, including custom shapes & sizes; molding profiles; raised-panel moldings, lumber, plywood; wood shingles and shakes, more.	Free Write in No. 3100			v			~	~					30%
Eagle Creek Designs 330-274-2041; Fax: 330-274-3370 5025 Schustrich, P.O. Box 163 Mantua, OH 44255	Stock barns and log houses; complete inventory of salvaged building materials, including beams, flooring, doors, wood paneling, siding, mantels. Also, salvaged stone; consultation services; barns disassembled and reassembled.	Free Write in No. 529				,					~		Antique wood	100%
Empire Moulding Co. 631-567-9588; Fax: 631-567-9589 81 Keyland Court Bohemia, NY 11716	Manufacturer of custom and stock architectural wood mouldings, arches, and millwork.	Free Write in No. 8036			,									50%
Enkeboll Designs 310-532-1400; Fax: 310-532-2042 www.enkeboll.com Carson, CA 90746	Extensive array of architectural elements carved in solid woods: moldings, columns, capitals, newels, corbels, onlays, panels; available in maple, red oak, or cherry. Catalog set \$20, refundable with order.	Free Write in No. 5770			v							Carved elements		0%
Fagan Design & Fabrication, Inc. 203-937-1874; Fax: 203-937-7321 14 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.	Free Write in No. 8210			~							Columns & capitals		90%
Fine Wine Rack & Cellar Co. 415-626-9463; Fax: 415-626-9453 www.paulwyatt.com San Francisco, CA 94103	Complete custom wine-cellar design, specification, and assembly worldwide. Lifetime warranty.	Free Call for more information	~	V							~	Wine showcases, wine-storage systems	Jarrah, mahogany, walnut, white maple	100%
ine Woodworks, Inc. 18-422-0205; Fax: 718-422-0207 73 6th Street Brooklyn, NY 11215	Hand-crafted solid-wood cabinetry (mortise-&-tenon cabinet doors and frames), reproductions, doors, and moldings.	Free Write in No. 81	v	V	v		~	,		v		Reproductions	As specified	100%
Flex Moulding, Inc. 201-487-8080; Fax: 201-487-6637 www.flexiblemoulding.com Hackensack, NJ 07601	This company offers over 3,000 flexible and rigid moldings, spot decorations, simulated wood carvings, and more; rigid and flexible materials; custom casting and moldmaking capabilities. Restoration casting.	Free Write in No. 4900			v					v		Simulated carved elements, curved millwork	Polymer	40%
German Silver Sink Co. 313-882-7730; Fax: 313-882-7739 3754 Lodewyck Detroit, MI 48224	Hand-crafted reproduction of antique German 'silver' (copper/nickel/zinc alloys) sink. Special "5" curve design. Soft, dimpled surface is forgiving to crystal and china. Custom sizing and modifications available.	Free Write in No. 426										Specialty metal sinks		10%
Goddard Mfg. Co. 185-689-4341; Fax: 785-689-4303 www.adnetmk.com/goddard ogan, KS 67646	Custom-built spiral stairs for exterior or interior: all-wood, steel-wood combinations, or all-steel. Wholesale prices. Also, balusters, newels, and handrails. Wood stairs mainly use pine and oak; other wood types available.	Free Write in No. 4780										Spiral and circular stairs	Oak & pine	100%
Goodwin Associates 16-248-3320; Fax: 716-387-0153 2.O. Box 18605 Rochester, NY 14618	Architectural-building-products specialists: columns, moldings, arches, pilasters, cornices, and balustrade systems are available in a variety of materials. Custom services also use a variety of materials.	Free Write in No. 806			v					,			Hardwoods	50%
Grabill Windows & Doors 810-798-2817; Fax: 810-798-2809 ww.grabillwindow.com Almont, MI 48003	Custom-built exterior doors and entryways; wood windows in casement, awning, and traditional double-hung units with weight-&-pulley operation. T.D.L., custom profiles and hardware.	Free Write in No. 1910						~	,			2016		100%
Great Gatsby's 100-428-7297; Fax: 770-457-7250 www.gatsbys.com utlanta, GA 30341	Antique gallery and auction house with an ever-changing inventory of garden ornament, furnishings, stained glass, entryways, fountains, gazebos, mantels, fine art, statuary, stone wells, and iron gates.	Free Write in No. 3270		V				~				Mantels		N/A
Jahn's Woodworking Co. 108-241-8825; Fax: 908-241-9293 ww.hahnswoodworking.com toselle, NJ 07203	Custom manufacturer of traditional swing-out and sliding doors for carriage houses. Also specializes in overhead motorized operating doors with the appearance of swing-out carriage-house doors.	Free Write in No. 6640			v	v	v	v	,	v		Oversized doors		100%
larvey Millwork, Inc. :10-822-7689; Fax: 410-745-9926 ww.harveymillwork.com ozman, MD 21612	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.	Free Write in No. 3460	ž		~	v	v	v		v	~	Flooring, mantels, stair parts	Oak, maple, heart pine, cherry, walnut	100%
leartwood Timberframes 88-676-9870; Fax: 419-875-5500 ww.heartwoodtimber.com drian, MI 49221	Builds timber-frame homes throughout the country. Complete start- to-finish engineering and design services are available. Can also provide aesthetic timbers throughout your home to enhance its appearance.	Free Write in No. 8181										Timber frames		100%
lendricks Woodworking 10-756-6187; Fax: 610-756-6171 ww.historicdoors.com tempton, PA 19529	Custom manufacturer of wood windows and doors for restoration or period-style construction. Specialist in custom entryways and interior doors, including storefronts. Will produce curved moldings to match your profile.	Free Write in No. 3570			,			v	~	v				100%
leritage Door, LLC 34-414-7100; Fax: 734-414-7103 ww.heritagedoorusa.com anton, MI 48187	Specializes in standard and custom, interior and exterior, stile-and- rail door systems in Honduras mahogany. Jambs, astragals, brickmold, and exotic hardwood flooring.	Free Write in No. 1350						,				Flooring		50%
lull Historical Millwork 17-332-1495; Fax: 817-332-1496 ww.hullhistorical.com ort Worth, TX 76104	Specialist in historic millwork. Fabrication and installation of full interior custom millwork packages.	Free Write in No. 3016			~	~	~	~	,	~	~			100%
D.M. Woodworking, Inc. 01-646-1480; Fax: 201-646-1595 26 Huyler St. outh Hackensack, NJ 07606	Designs and produces all types of projects, from architectural interior woodwork to individual pieces of furniture. Specializes in paneling, ceilings, and cabinetry. Complete millwork packages.	Free Write in No. 8166	v	~	~	v	~	,	v	~	,		As specified	100%
efferson Mack Metal, Inc. 15-550-9328; Fax: 415-285-3365 ww.mackmetal.com an Francisco, CA 94124	Hot-forged, hand-finished architectural metalwork: railings, grilles, gates, fences, sculpture, door hardware. Also, custom iron furniture, garden torches, chandeliers, more.	Free Write in No. 1079										Iron furnishings		80%
MS Wood Products 18-709-8674; Fax: 818-709-8683 825 Shirley Ave. orthridge, CA 91324	Rope mouldings from 3/8-in. to 3-in. dia.; rope columns from 4-in. to 24-in. dia. Any lengths, any size, any species. Rope, fluted, and twist designs can be accommodated to furniture or stairs. Plinth blocks for door surrounds.	Free Write in No. 6320			~							Turnings, plinth blocks		100%
cestrel Mfg. 00-494-4321; Fax: 610-326-6779 ww.diyshutters.com towe, PA 19464	True mortise-&-tenon shutters, interior & exterior; custom-sized shutters available assembled or in shutter kits; panel & louver styles; glass or fabric inserts available. Also interior & exterior shutter hardware; cabinet hardware.	Free Write in No. 7990										Shutters		100%



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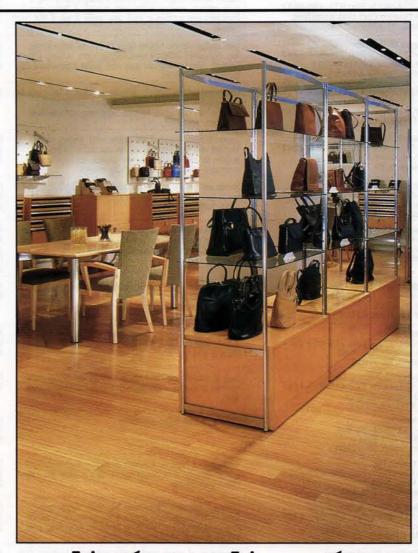
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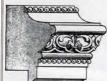
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TRADITIONAL BUILDING SourceList for NTERIOR WOODWORK & FURNISHINGS

COMPILE	D BY COLE GAGNE				Т				1				CSI#	06400
COMPANY	SPECIALTY	Literature	Built-Ins	Freestanding Furniture	Moldings	Paneling	Casework	Doors	Windows	Casings	Millwork Packages	Other	Wood Species	% Custon
Kingsland Co. Shutters 860-542-6981; Fax: 860-542-1752 www.kingsland-shutters.com Norfolk, CT 06058	Exterior shutters in Honduras mahogany. Custom styles: louvered, raised-panel, cutouts, reproduction. All mortise-&-tenon construction. Options: copper caps, fixed control rods, hardware. Arched tops available in paneled & louvered. Also, doors & windows.	Free Write in No. 196 for Shutters, 4573 for Wood Doors, 4574 for Screen Doors						~	~			Shutters, screen doors		100%
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.	Free Write in No. 7380			V	v		v						100%
Kronenberger & Sons Restoration 860-347-4600; Fax: 860-343-0309 www.kronenbergersons.com Middletown, CT 06457	Restoration firm specializing in brownstone, brick, & fieldstone restoration; house moving window restoration; matching existing moldings, trim, paneling, etc.; wood carving wood roots; mortar matching; deaning and repointing.	Free Write in No. 536			~	V	~			~			All species	100%
Melton Classics 800-963-3060; Fax: 770-962-6988 www.meltonclassics.com Lawrenceville, GA 30042	Architectural columns, balustrades, cornices, & a wide array of other architectural elements in fiberglass, cast stone, GFRC, poly/marble composite, polyurethane, or wood. Large inventory of standard molds lowers your tooling costs.	Free Write in No. 4100										Columns		80%
Michael Reilly Design 631-208-0710; Fax: 631-208-0711 www.michaelreilly.com Calverton, NY 11933	Fabricator of high-end custom wood windows and doors, cabinetry, and architectural woodwork.	Free Write in No. 9210			7	~	~	~	~		V			100%
Millwork Store 800-670-6455; Fax: 304-267-1504 www.millworkstore.com Martinsburg, WV 25401	Offering a complete line of stock wood moldings and boards in oak and pine. Crown corner blocks, base blocks. Custom and stock wainscoting. Architectural columns in popular designer woods.	Free Write in No. 8750			~							Columns & capitals		5%
Mintec Corp. 410-296-6688; Fax: 410-296-6693 www.bamtex.com Towson, MD 21286	'Bamtex' bamboo flooring is as hard as hard maple, environmentally friendly, durable, and highlighted with interesting natural patterns.	Free Write in No. 55										Flooring		10%
Mountain Lumber Co. 800-445-2671; Fax: 804-985-4105 www.mountainlumber.com Ruckersville, VA 22968	Precision millwork crafted from antique heart pine, oak, and chestnut. 100% reclaimed wood, consistent grades, unwavering stability with antique color character and patina.	Free Write in No. 7140			V	~		~		~			Reclaimed heart pine, oak, & chestnut	90%
Muller Construction 201-707-2446; Fax: 914-773-0829 Box 73, #2 Oak Hill Road Westtown, NY 10998	Detailed craftsmanship in on-site construction of millwork, including entranceways and passageways. Period finishes.	Free Write in No. 5001			~	~	~	~		~				100%
New West Furniture 800-653-2391; Fax: 307-527-7409 www.newwest.com Cody, WY 82414	Manufacturer of high-end, custom Western furnishings for the residential, commercial, contract, and institutional markets. Specializing in Rustic and Western Arts & Crafts chairs, tables, and casework.	Color brochure, \$3 Write in No. 726	~	V			~							90%
Old World Mouldings, Inc. 631-563-8660; Fax: 631-563-8815 www.oldworldmouldings.com Bohemia, NY 11716	Manufacturer of quality hardwood moldings and millwork. Specialist in custom reproductions and renovations. Over 400 profiles in stock. Full product line available on-line for review and purchase.	Free Write in No. 274			~					~			All species	60%
Passaic Millwork 973-772-9013; Fax: 973-458-0431 www.resourcenet.com/pami.htm Passaic, NJ 07055	Custom circular, elliptic, spiral, curved, & straight stairs, rails, & parts; columns, moldings, radius work, turnings, & fluting; clear & inger-joint pine moldings in stock; also, poplar & oak & MDF hand-carvings.	Free Write in No. 3340			~							Stairs & stair parts, columns, turnings		75%
Pioneer Millworks 800-951-9663; Fax: 716-924-9962 www.pioneermillworks.com Farmington, NY 14425	Firm supplies antique, recycled heavy timbers for timberframers. Also, high-quality reclaimed wood flooring, doors, molding, timbers, furniture, cabinetry, and stair parts from timber sourced from old building sites and barns.	Free Write in No. 6370			~	~	~	~	71	~	8	Heavy timber & truss work		80%
Quality Cabinet and Fixture Co. 619-266-1011; Fax: 619-266-0249 www.qcfc.com San Diego, CA 92102	Custom architectural millwork company specializes in woodwork for the hospitality, retail, and corporate markets. Serving owners, architects, and contractors; full-value engineering and worldwide installation.	Free							120		,		All species	100%
Schwerd Mfg. Co., A.F. 412-766-6322; Fax: 412-766-2262 3215 McClure Ave. Pittsburgh, PA 15212	Column specialist: Standard and custom wood columns can be furnished with matching pilasters; optional aluminum bases available for even-diameter exterior columns; ten styles of ornamental capitals, can match existing columns.	Free Write in No. 1610			topr.							Columns & pilasters	White pine, additional species available upon request	95%
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.	Free Write in No. 6830										Shutters		75%
Somerset Door & Column Co. 814-445-9608; Fax: 814-443-1658 www.somersetcolumns.com Somerset, PA 15501	Colonial wood columns, custom or standard, up to 40-in. dia. and 40-ft. length; architectural solid-wood doors, hand assembled to spec.; newels, balusters, posts, casework and moldings.	Free Write in No. 660 for Columns, 1095 for Doors			V	V	V	V		v	olqi.	Columns, balusters		55%
South County Post & Beam 800-471-8715; Fax: 401-783-4494 www.scpb.net West Kingston, RI 02892	Full-service, design and build timber-frame company and wide-pine-flooring supplier. More than 20 years' experience with timber framing. Nationwide shipping of frame and stress-skin-panel endosure systems.	Free Write in No. 134									v, ol	Timber framing & flooring		100%
Stairways, Inc. 800-231-0793; Fax: 713-680-2571 www.stairwaysinc.com Houston, TX 77018	Custom-designed stairways manufactured from standard components in both wood and metal, for commercial or residential use. Also sells stair parts and kits.	Free Write in No. 4870									H	Stairs & stair parts		80%
Superior Moulding, Inc. 800-473-1415; Fax: 818-376-1314 5953 Sepulveda Blvd. Van Nuys, CA 91411	Array of standard and non-standard moldings and related finish materials in any size, style, shape, and species; short turnaround times.	Free Write in No. 138			~	,	,	,	,	,		Stair parts, butcher blocks, registers		55%
T&J Services 812-358-3601; No Fax 3708 N. 250 West Brownstown, IN 47220	Source of antique beams and lumber.	Free Write in No. 8085										Antique beams & lumber		100%
The Federalist 203-625-4727; Fax: 203-629-8775 369 Greenwich Ave. Greenwich, CT 06830	Wide range of furniture, decorative accessories, and interior/exterior lighting; specialist in handmade reproductions of 18th- and early-19th-century originals.	Free Write in No. 2833		~								Furnishings		50%
Fimber & Stone Restorations 800-847-2944; Fax: 830-997-1195 www.timberandstone.com Fredericksburg, TX 78624	Salvages & sells antique hand-hewn log cabins, vintage timber- frame barns, antique stone structures, vintage wooden windmills. Hand-hewn beams from 6x6 in. to 18x18 in., barn wood, other antique materials. Restoration & consulting.	Free Write in No. 2559										Antique timber- frame structures, beams		10%
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 21 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.	Free Write in No. 1056								71	73	Shutters		50%
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.	Free Write in No. 1061		FIR	~					~	Yes	Stairs & stair parts, corner beads, gingerbread		20%
VisionCraft 918-836-8014; Fax: 918-836-8015 www.visioncraft-usa.com Tulsa, OK 74110	Specialist in customized replication of architectural ornaments in wood and stone. 3D laser scanning on site; customized furniture.	Free Write in No. 2673	~	~	~	,	v	~	v	~	,	Architectural ornament		100%
Wixen Hill Shutters 800-423-2766; Fax: 610-286-2099 www.vixenhill.com Elverson, PA 19520	Blind-pocketed and teak-pegged (no glue) shutters. Custom sized in over 15 styles or louver-and-panel; pair sizes to 6 ft. x 10 ft.; large selection of shutter hardware. Also, modular porch system with many architectural inserts.	Free Write in No. 1230										Shutters		100%
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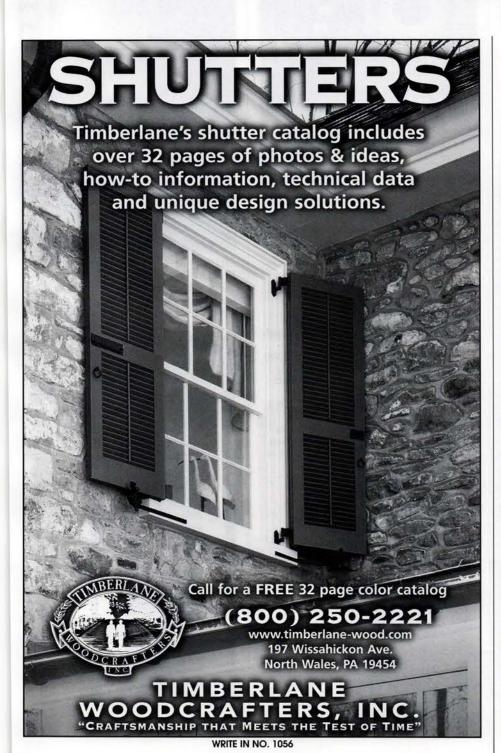
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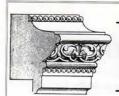
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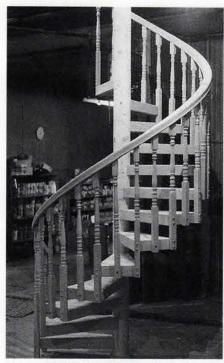


I TRADITIONAL BUILDING SourceList for NTERIOR WOODWORK & FURNISHINGS

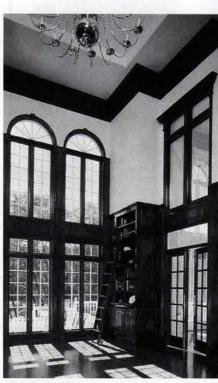
COMPILI	ED BY COLE GAGNE							16-					CSI#	06400
COMPANY	SPECIALTY	Literature	Built-Ins	Freestanding Furniture	Moldings	Paneling	Casework	Doors	Windows	Casings	Millwork Packages	Other	Wood Species	% Custom
White River Hardwoods-Woodworks 800-558-0119; Fax: 501-442-0257 www.mouldings.com Fayetteville, AR 72701	Hand-carved swags, scrolls, rosettes, centers, drops, corners, corbels, and capitals; resin curve work; wood architectural moldings.	Free Write in No. 1099			~					,		Rosettes, plinth blocks	Red oak, poplar	10%
Wilbur, Frederick - Woodcarver 804-263-4827; Fax: 804-263-5958 P.O. Box 425 Lovingston, VA 22949	Woodcarver specializes in traditional decorative carving for interiors and exteriors: furniture, mantels, moldings, friezes, column capitals, rosettes, and heraldry. Creates original designs and historically accurate reproductions.	Free Write in No. 1650			~			~		~		Carvings	All species	100%
Wine Cellar Innovations 800-229-9813; Fax: 513-979-5280 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; Auto-CAD design service.	Free Write in No. 2910	,	,	~	~	v	~				Wine cellars, wine racks, cellar art, refrigeration	Redwood, red oak, mahogany, pine	80%
Wood Factory 936-825-7233; Fax: 936-825-1791 111 Railroad Street Navasota, TX 77868	Historically accurate millwork reproductions, interior & exterior: doors, screen doors, benches, stair parts, railings, porch parts, custom-turned column bases, newels, and more. Specialist in custom matching existing parts.	Free Write in No. 7120	v	~	~			~		~		Ornament, corbels, brackets, grillework	All species	90%
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, newels, rosettes, columns, capitals, and posts. All made in oak, poplar, and alder; special orders in other species available.	Free Write in No. 5240										Carvings, architectural elements, stair parts		50%
Worthington Group 800-872-1608; Fax: 334-566-5390 www.architectural-details.com Troy, AL 36081	Supplier of architecturally correct columns in wood or PermaCast, round and square. Clear columns available in seven species. Also, cornice moldings, balustrading, niches, medallions, pedestals, and PermaPorch.	Free Write in No. 1633			v					,		Columns, mantels		50%

INTERIOR WOODWORK & FURNISHINGS

For full contact information on these companies, consult the SourceList on pp.152-158.



Custom-built all-wood spiral stairs are a specialty of GODDARD MFG. Write in No. 4780



Moldings and door and window casings are just some of the architectural woodwork supplied by DYKES LUMBER. Write in No. 3100



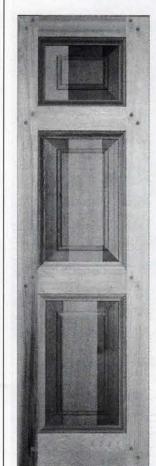
RIVER MILL feature scalloped corners projecting beyond the face of the frame stock. Write in No. 4110



Reaching the rare bottles on the top shelf is a lot easier in this restaurant bar, thanks to a cherry wood rolling ladder from ALACO. Write in No. 1282



FINE WINE RACK & CELLAR CO. will design and assemble handsome wine cellars to the customer's specifications. Call 415-626-9465 for information



The "New Hope" raisedpanel shutter, #CB4000 from TIM-BERLANE WOOD-CRAFTERS, utilizes a pegged mortise-&-tenon joint. Write in No. 1056



MOUNTAIN LUMBER used antique French "Troncais" oak wine barrels, reclaimed from Bordeaux' circa-1900 Chateau Talbot, for this wine cellar in central Virginia. Write in No. 7140



Cedar shutters from VIXEN HILL MFG. are available in 16 different styles. Write in No. 1250



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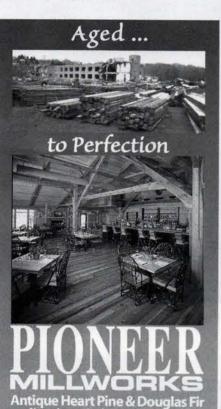
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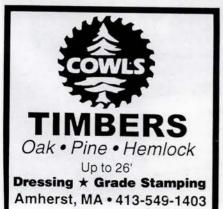
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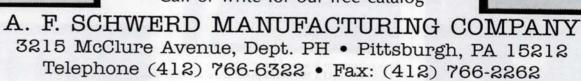


Our ornamental capitals are made of a hard, durable composition suitable to withstand the elements. Additional styles are available.



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INTERIOR WOODWORK & FURNISHINGS

For full contact information on these companies, consult the SourceList on pp.152-158.



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



Earth-friendly bamboo flooring from MINTEC CORP. comes in a naturally golden blond, but may also be stained to a variety of hues. Write in No. 55



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



This carved-wood corbel from SUPE-RIOR MOULDING measures 7-5/8 in. x 4-3/4 in. Write in No. 138



SYLVAN BRANDT supplies resawn wide-oak flooring in widths from 7 to 12 in. and lengths from 4 to 16 ft. Write in No. 3950



Specializing in longleaf heart pine, HARVEY MILLWORKS provides a range of woodworking, including flooring, paneling, and stair parts. Write in No. 3460



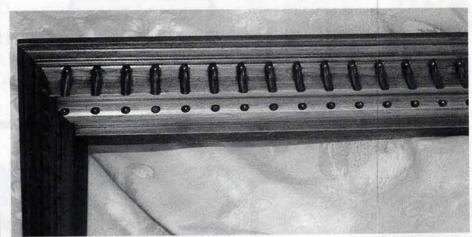
Antique heart pine flooring from AMERICA HEART PINE is reclaimed from pre-1900s commercial and residential buildings. Write in No. 4060



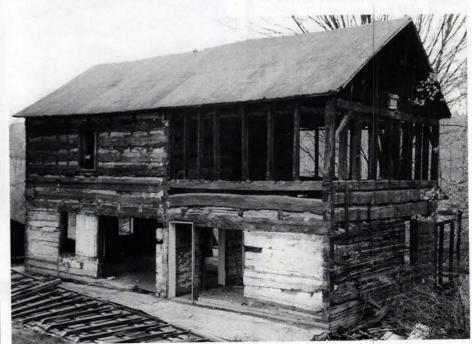
Reclaimed timbers from PIONEER MILLWORK were used for the ceiling beams as well as the flooring of this kitchen area. Write in No. 6370



OLD WORLD MOULDINGS supplied the decorative trim that enlivens this handsome interior. Write in No. 274



WHITE RIVER HARDWOODS offers the "Adirondack Line" of surface-carved decorative hardwood moldings. Write in No. 1099



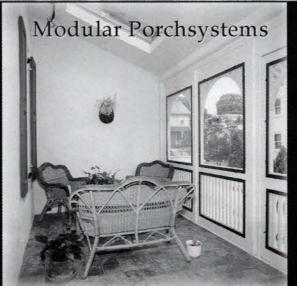
Antique barns slated to be razed are the primary source of the vintage siding and timbers offered by EAGLE CREEK DESIGNS. Write in No. 529

Vixen Hill

www.VixenHill.com





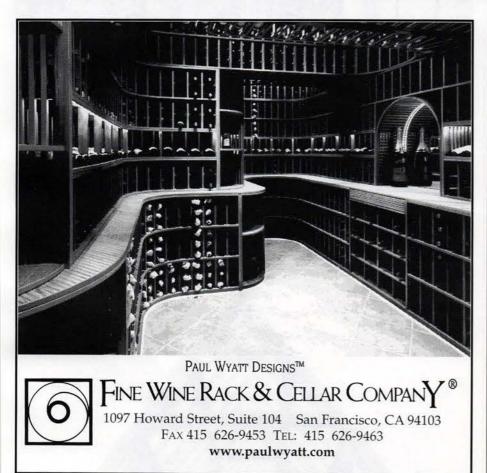


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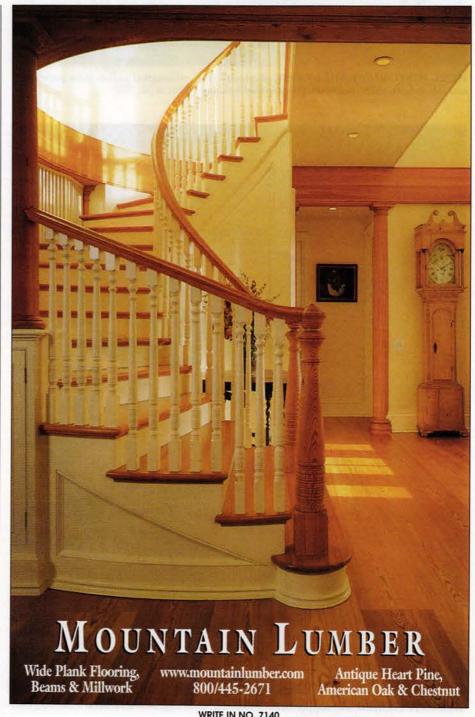
800-423-2766 Vixen Hill Manufacturing Dept. TB Main St. Elverson, Pa [19520]

WRITE IN NO. 1230 FOR SHUTTERS & 7100 FOR GAZEBOS



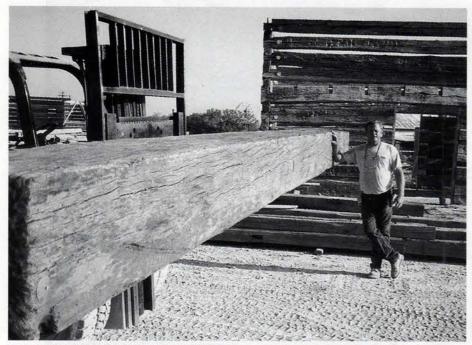






INTERIOR WOODWORK & FURNISHINGS

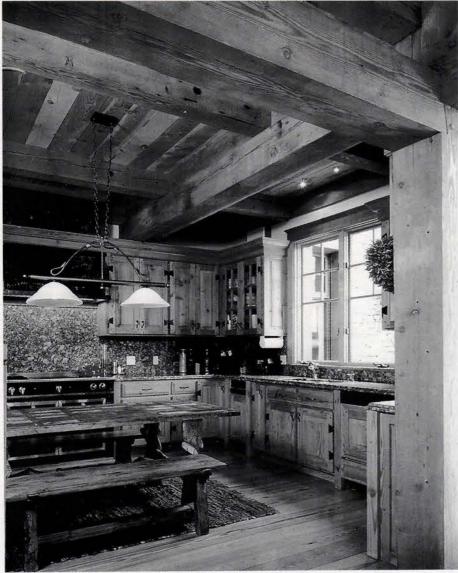
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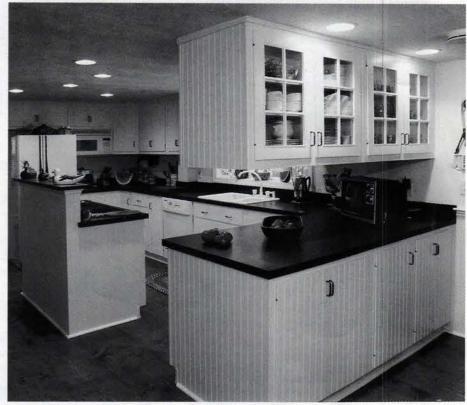
TIMBER & STONE RESTORATIONS salvages and sells antique hand-hewn beams, such as this 400-year-old beam which measures 18 in. x 18 in. x 30 ft. Write in No. 2559



HULL HISTORICAL MILLWORK employed 60 ft. of longleaf yellow pine paneling, curved on both sides, to create this paneled balcony. Write in No. 5016



DULUTH TIMBER will supply beams, flooring, paneling, and millwork from recycled heart pine and Douglas fir timbers. Write in No. 112



This kitchen features paneling and casework manufactured and installed by KRONEN-BERGER & SONS. Write in $No.\,556$



ANDY THORNTON supplies many commercial projects with original architectural antiques: This highly ornate Gothic front bar paneling, back bar paneling, and stained glass went to the Baroque Public House in Sunderland, England. Write in No. 2756



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

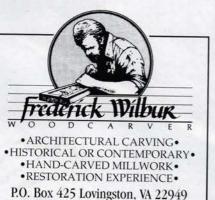


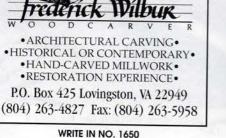


WRITE IN NO. 1310



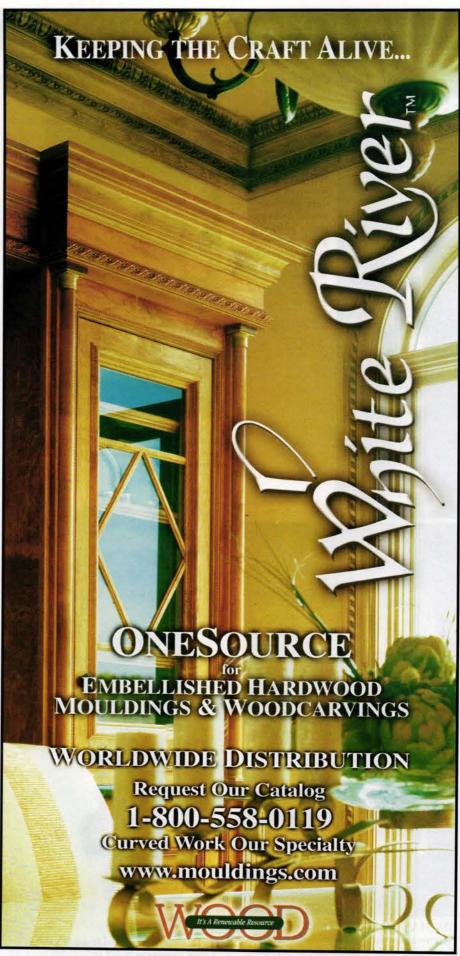
WRITE IN NO. 1107



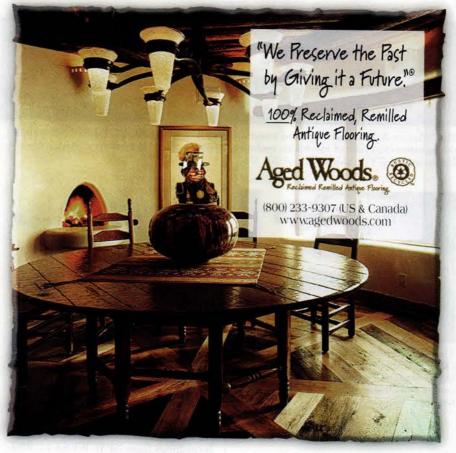




WRITE IN NO. 7120



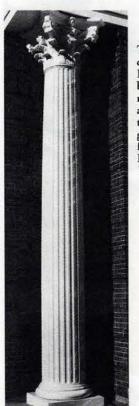
WRITE IN NO. 1099



WRITE IN NO. 1320

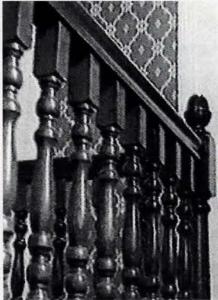
INTERIOR WOODWORK & FURNISHINGS

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This 19-ft.-tall column with Roman Doric base and aluminum plinth is available in exterior paintgrade redwood from FAGAN DESIGNS.

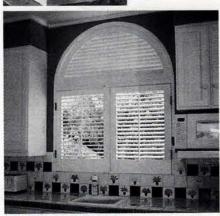
Write in No. 8210



WRIGHT JOINERY produces large volumes of interior woodwork, from doors and windows to paneling and stair parts. Write in No. 5057



H.C. MULLER CONSTRUCTION provides custom woodworking such as door and cornice moldings. Write in No. 5001



Interior shutters from KESTREL MFG. will accept paint, stain, and natural finishes. Write in No. 7990



This fierce lion corbel from WOOD-LINE measures 5-7/8 in. x 6-5/8 in. x 19 in. and is available in oak, alder, or poplar. Write in No. 5240



A single source for wall paneling and cabinetry, ARCHITECTURAL PANELING works exclusively in select, kiln-dried hardwoods. $Write\ in\ No.\ 6490$



GERMAN SILVER SINK COMPANY recommends that users not hold back on distressing their sinks, as the best patina results from the heaviest use, and the more dents and scratches in the sink, the better its appearance. Write in No. 426



The "Marine & Nautical" series of wood onlays from ENKEBOLL DESIGNS includes this symmetrical pair of mermaids reclining against a shell. It measures 24 in. wide x 4-3/4 in. high x 3/4 in. thick. Write in No. 5770



The #TRTR bench from ALPHA OMEGA, shown here with optional carving, is made of reclaimed hardwoods and can be used inside or outside, in any weather. Write in No. 5157



This side table with burl legs exemplifies the imaginative workmanship offered in furnishings from NEW WEST FURNI-TURE. Write in No. 726



CUMBERLAND WOODCRAFT's 6-ft.-long, 28-in.-deep portable bar features a Chicago rail and brass foot rail. Write in No. 1310



WRITE IN NO. 5770

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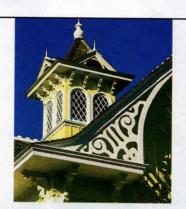
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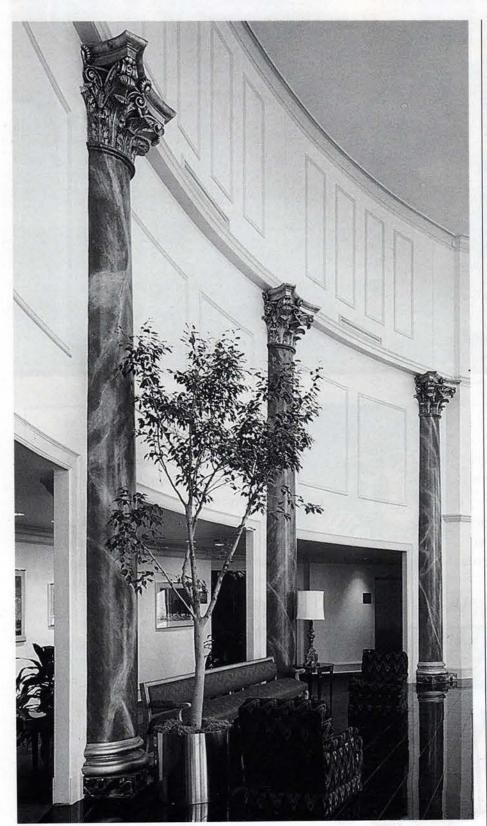
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INTERIOR WOODWORK & FURNISHINGS

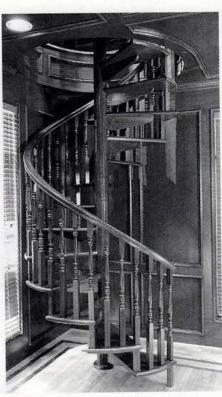
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CHADSWORTH'S 1.800.COLUMNS' authentic replication columns with Roman Corinthian capitals and Attic bases line the walls in Spivel Hall at Clayton State College in Morrow, Ga. The columns have been faux finished to resemble marble, and the capitals were gold-leafed. Write in No. 180



Timber-framing and wide pine flooring, two specialties of SOUTH COUNTY POST & BEAM, are both showcased in this interior. Write in No. 154



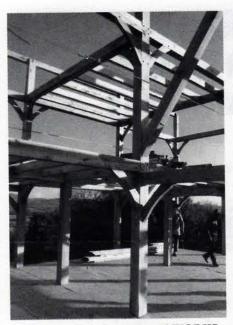
This oak spiral staircase from STAIR-WAYS, INC., has a 5-ft. diameter and stands 11 ft. tall. Write in No. 4870



ALEXANDER MFG. has supplied a range of architectural millwork, casework, and fixtures to the gaming industry, as this interior glimpse of Harrah's New Orleans reveals.



Hardwood rope moldings from JMS WOOD PRODUCTS include "Design A," shown here, which is available in diameters from 3/8 in. to 24 in. Write in No. 6520



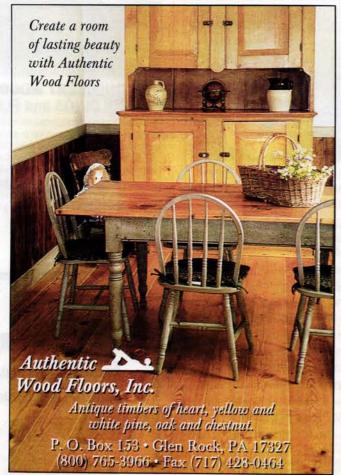
ARCHITECTURAL TIMBERWORKS hand-crafts its timber-frame structures using traditional mortise-&-tenon joinery. Write in No. 592



Moldings, paneling, and wide-plank wood flooring are all specialties of CAR-LISLE RESTORATION LUMBER. (photo: Randall Perry) Write in No. 5580



This window frame from THE WOOD FACTORY is also a frame to display the lovely art-glass panel. Write in No. 7120



WRITE IN NO. 8000





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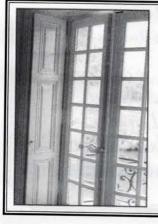
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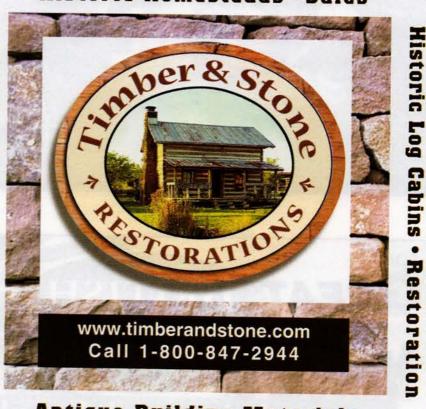


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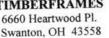
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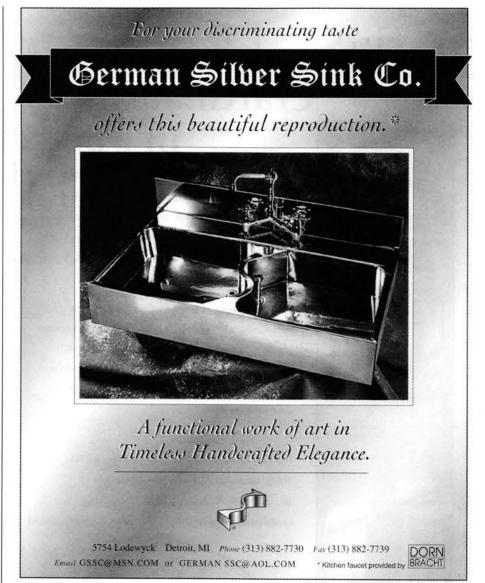
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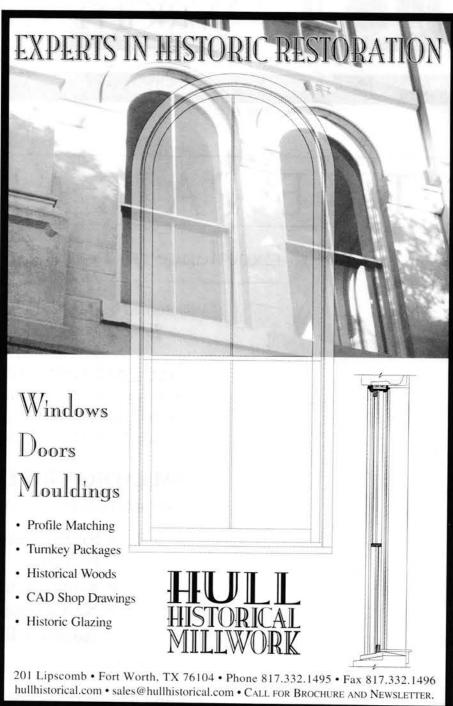




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technology and tradition

WRITE IN NO. 5057

HOT OFF THE PRESS

Guild of Master Craftsman Publications, Ltd., has published *Carving Architectural Detail in Wood: the Classical Tradition*, by Frederick Wilbur. The first book of its kind, it is "a thorough primer for woodworkers in the vocabulary of classical ornament and the practical skills needed to carve it."

After a "Notes to the Reader" introduction, the first chapter discusses the origins and characteristics of classical architecture with an emphasis on ornamentation. Historical information is followed by a short explanation of Classical design. The following chapters are entitled: Moldings, Volutes, Rosettes, Capitals, and Applications. A final chapter illustrates several projects: picture frames, mantelpieces, gateposts, which make use of the various architectural elements the various architectural elements introduced in previous chapters.

Each chapter begins with definitions or clarification of terms inconjunction with many photographs of examples. The photographs are of artifacts, of existing buildings or of period furniture. The carving of versions of many elements are then illustrated in a step-by-step format.

The glossary and annotated bibliography support and augment the body of the text.

To order the book, call Sterling Publications, Inc., at (800) 542-7567 or fax them at (800) 367-9692. The book can also be ordered on amazon.com. ISBN# 1-86108-158-8.

Frederick Wilbur has been a professional decorative carver for over twenty years, working on commissions for millwork companies, architects, and individuals -- both original and restoration -- in buildings all over the United States. He has written extensively for woodworking magazines. This is his first book.



Deep undercuts abound in this hand-carved 10-in. diameter layered rosette.

WRITE IN NO. 1650

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SourceList.... 172-178 Portfolio. 171, 180-184

THE DEFINING TOUCH

he most expertly and beautifully fashioned door isn't going to be worth very much if there's no way to open it or close it or lock it; the same consideration also holds for the majority of windows. And since there's virtually no such thing as architectural design without doors and windows, the field of hardware becomes as vital to a building as the materials of its walls, floors, and roof. Add in kitchen and bathroom hardware, plus the related field of ornamental metalwork, and you're dealing with matters no

architect or designer can afford to ignore.

Hence the *SourceList* that begins on page 172. The editors have gathered together sources of period-style hardware, along with suppliers of antique items and fabricators of custom hardware and metalwork. If you need to create a unified design statement, in which the style of a door's knob and hinges are as important a consideration as the door itself, then you need look no further than this *SourceList* — it makes hardware easy.

COMMERCIAL HARDWARE & METALWORK

For complete contact information on these companies, consult the SourceList on pp. 172-178.



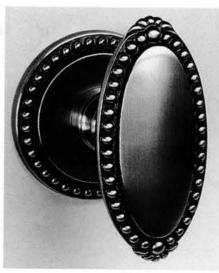
BUBBA'S ANVIL WORKS produces stylish custom ornamental metalwork, such as this stair railing in the form of a rope and tassel. Write in No. 3024



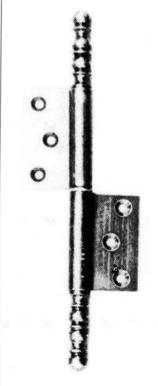
CROWN CITY HARDWARE's #83D casement fastener features a nonmortise-type strike. Write in No. 452



H.T. SALES is a popular source of period-style hardware as well as modern elements, such as the exit devices shown here. Write in No. 286



The wealth of period-style door hardware from BALTICA includes the "Eastwell Manor" door knob with rose. Write in No. 411



Brass hinge #01.157 from GER-BER HINGE measures 6-3/4 in. tall and is intended specifically for flush doors. Write in No. 2540



AL BAR WILMETTE PLATERS specialize in the preservation of old door hardware, which they can plate in all finishes, including brass, bronze, nickel, and chrome. Write in $No.\ 2656$



ARTISTIC RAILINGS produces highly detailed metal stair railings for a variety of applications. Write in No. 5026



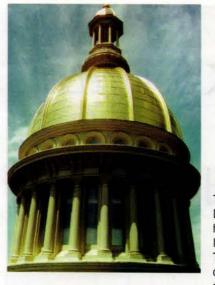
These custom cast-brass hinges from KAYNE & SON have been antiqued and

ornamented with brass studs. Call 828-



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rown City Hardware Co. 26-794-1188; Fax: 626-794-2064 047 N. Allen Ave. asadena, CA 91104	Wide selection of hardware, including glass knobs, bin pulls, door and window hardware; styles include Victorian and Arts & Crafts. Also: Selection of original antique hardware.	Free Write in No. 432			v	V	~			~		~		~	~		~	Shutter hardware
ustom Home Accessories 00-265-0041; Fax: 916-961-9707 ww.custom-mailboxes.com air Oaks, CA 95628	Source of old-style mailboxes, street signs, street lights, and signage; majority cast of aluminum and bronze. See free catalog or website for selection of old-time door knockers.	Free				~							V					
eAngelis Iron Work 88-676-4766; Fax: 508-238-7757 ww.deangelisiron.com outh Easton, MA 02375	Custom full-service facility for the design, fabrication, and installation of all types of ornamental metalwork, including cast iron, wrought iron, bronze, brass, aluminum, stainless steel, etc.	Free Write in No. 1023																Custom ornamental ironwork
ecorativeIron.com 88-380-9278; Fax: 713-991-6493 ww.decorativeiron.com ouston, TX 77075	Complete inventory of ornamental iron, forged-steel products, and metal stampings. Online catalog has pictures, prices, and dimensions of everything needed to decorate, fabricate, or repair with ornamental iron.	Free Write in No. 3056																Ornamental iron components
eggingers' Foundry 85-232-4788; Fax: 785-232-4972 ww.deggingers.com opeka, KS 66603	Specializes in turnkey ornamental architectural aluminum, brass, bronze, iron, or steel from design, CAD, patterns, casting, fabrication, and assembly to installation.	Free Write in No. 8015							~									Cast architectural ornament
AAC International, Inc. 00-221-8278; Fax: 970-223-2588 ww.faacusa.com heyenne, WY 82007	Specialized manufacturer of hydraulic gate operators for swing, slide, and barrier gate systems. With automatic gate operators, homeowners can enter and exit gates without having to leave their cars.	Free Write in No. 531																Automatic gate operators
ine Architectural Metalsmiths 45-651-7550; Fax: 845-651-7857 ww.iceforge.com hester, NY 10918	Period and fine custom railings, grillework, and entrance gates with full electronic controls. Hand-built signature lighting, firescreens and other custom home accessories. Full design-through-installation metal studio.	Free Write in No. 2640																Custom ornamental metal fabrications
lorentine Craftsmen 00-876-3567; Fax: 718-937-9858 ww.florentinecraftsmen.com ong Island City, NY 11101	Garden ornaments, fountains (freestanding and wall-mounted), statuary, urns, planters, furniture, and accessones in lead, aluminum, iron, stone, and bronze. Also, weathervanes. Custom work a specialty.	Free Call for more information				и												Cast garden orname
rank Allart & Company, Ltd. 88-582-9110; Fax: 888-582-0283 ww.allart.co.uk irmingham, UK BI6 8DR	Designers and manufacturers of architectural hardware. A full range of products is offered in both brass and bronze, and available in a variety of traditional finishes.	Free Write in No. 8004		~	~	,	~		V		~	,	v	~	~	~	V	Pocket-door hardwa surface bolts in any length
aby's Shoppe 00-299-4229; Fax: 214-748-7701 ww.gabys.com pallas, TX 75207	Hand-crafted wrought-iron furniture, tables, chairs, chandeliers, floor and table lamps, drapery hardware, and balcony railing.	Free Write in No. 2520																Furniture, lighting, drapery hardware
Gerber Hinge Co. 100-643-7237; Fax: 323-655-8533 www.gerber-hinge.com 100 Angeles, CA 90036	Carries a wide selection of cabinet and door hardware. Lift-off hinges allow for easy installation. All hardware is available in different finishes.	Free Write in No. 2540			~	v	~			~				~	~		~	Shutter hardware
Singer/GUSA, Inc. 100-842-GUSA; Fax: 800-252-4872 60-N Greenway Ind. Dr. ort Mill, SC 29715	Solid-brass bathroom accessories in numerous finishes. Also, period source lighting and mirrors.	Free Write in No. 92																Bathroom hardware
I.T. Sales Company, Inc. 12-265-0747; Fax: 212-262-0150 www.htsalescompany.com iew York, NY 10019	Fine brass knobs, levers, locks, plates, and hooks; distributes many of the best names in architectural, commercial, and decorative hardware; custom castings and fabrication; professional hardware consultants and locksmiths.	Free Write in No. 286	5		~	~	~			~	-	~	~	-	-	~	~	Door bells, door bo
Handelman Studios 305-962-5119; Fax: 805-966-9529 www.stevenhandelmanstudios.com Santa Barbara, CA 93103	Hand-forged lighting with HID and incandescent lamping: outdoor lanterns, chandeliers, wall sconces, table and floor lamps, flush mounts. Over 350 styles; custom work. Also, firescreens, entry gates, furniture, hardware.	Free Write in No. 483	3						~			V						Metal ornament & lighting
Hans Duus Blacksmith, Inc. 105-688-9731; Fax: 805-688-1793 13 Industrial Way Buellton, CA 93427	Blacksmith supplies a variety of forged lighting: chandeliers, wall sconces, pendants, and extenor lighting.	Free Write in No. 8041																Forged-metal lightin
Jeather & Little, Ltd. 300-450-0659; Fax: 416-465-2962 www.heatherandlittle.com Foronto, ON, CANADA M4L 2R8	Firm performs every aspect of sheetmetal roofing and specialty architectural sheetmetal, including reproductions and stampings.	Free Write in No. 2470																Sheetmetal orname
Herwig Lighting 800-643-9523; Fax: 501-968-6422 www.herwig.com Russellville, AR 72811	High-quality, hand-crafted original designs since 1908. Cast aluminum or -bronze, exterior residential, commercial, municipal lighting: wall brackets, pendants, pier- or post-lanterns. Street docks, posts from 19 in. to 14 ft.	9130 Write in No.																Cast-metal lighting
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.	Free Write in No. 1210						V	V									Cast architectural ornament & lightin
Hope's Windows, Inc. 716-665-5124; Fax: 716-665-3365 www.hopesproducts.com Jamestown, NY 14702	Manufacturer of custom steel windows and doors, stainless steel and security screens, storm sash, and a full line of ormate replacement hardware.	Free Write in No. 8168															V	Bronze windows & doors; fire-rated windows
House Bronze 806-794-3571; Fax: 806-798-2519 www.housebronze.com Lubbock, TX 79424	Custom fine-arts foundry specializes in studio-size and monumental bronze castings for sculpture. Also produces hardware, signage, lighting.	Free Write in No. 34				V							~			•	• 61	

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TRADITIONAL BUILDING ■



WRITE IN NO. 3056

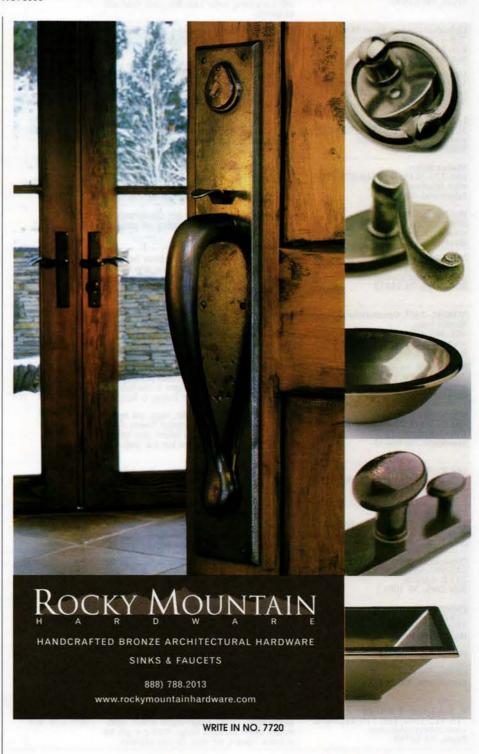


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COMPANY	SPECIALTY	Literature	Bar Rails	Cabinet & Furniture Hardware	Cremone Bolts	Door Knobs/ Escutcheons	Door Knockers	Grilles & Registers	Handrails & Railings	Hinges	Kick Plates	Latches	Letters & Numbers	Lever Handles	Lock Sets	Push Plates	Window Hardware	Other
Indital, USA 800-772-4706; Fax: 713-694-2055 www.indital.com Houston, TX 77018	Over 8,500 Italian-designed architectural steel forgings: signature rosettes, baroque leaves, spears, handrails, and a full array of pickets that can be fabricated to create staircases, balconies, railings, partitions, fences, etc.	Free Write in No. 6560							V									
ronsmith, Inc. 800-338-4766; Fax: 760-776-5080 www.ironsmith.cc Palm Desert, CA 92255	The largest selection of pedestrian-safe tree grates and trench grates; custom-radius trench grates a specialty; custom & standard tree grates from 3 ft. to 10 ft. diameter.	Free Write in No. 9000																Tree and trench grat
. Dub's 800-622-9015; Fax: 509-962-6070 www.jdubs.com Ellensburg, WA 98926	Highly detailed silhouetted metal images incorporated into structurally functional yet decorative items: fire screens, balcony panels, decorative and functional truss, plant and shelving brackets, weathervanes, signs, and more.	Free Write in No. 121																Silhouetted metal images
lames Peters & Son, Inc. 215-739-9500; Fax: 215-739-9779 1936 N. Front St. Philadelphia, PA 19122	Period-style hardware for shutters, doors, and gates in wrought steel with a black finish.	Free Write in No. 1240															V	
lefferson Mack Metal, Inc. 415-550-9328; Fax: 415-285-3365 www.mackmetal.com San Francisco, CA 94124	Hot-forged, hand-finished architectural metalwork: railings, grilles, gates, fences, sculpture, door hardware. Also, custom iron furniture, garden torches, chandeliers, more.	Free Write in No. 1079				V		~	~							V		
Kayne & Son Custom Hardware 828-667-8868; Fax: 828-665-8303 www.brwm.org/kayneandsoncustomhardwareinc Candler, NC 28715	Custom hand-forged steel, cast-brass/bronze functional and dummy strap hinges, shutter hinges, grilles, sash locks, latches, pulls, swing arms, hooks, drapery rods, brackets, and more in various finishes.	Free Call for more information		~	V	~	v	,		v	v	~	~	~	v	v	~	Bolts
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, aluminum lamp posts; urns.	Free Write in No. 418		~					V	~		~	V	,	v			
Kolson, Inc. 516-487-1224; Fax: 516-487-1231 www.kolson.com Great Neck, NY 11023	Distributor of the top manufacturers of interior and door hardware. All styles and the most popular finishes are available.	Free Write in No. 3760	v	v	~	v	~	~	v	~	~	,	V	,	~	~	V	Door bells, bath hardware, shutter hardware
Lake Shore Industries 800-458-0463; Fax: 814-453-4293 www.lsisigns.com Erie, PA 16512	Manufactures custom cast-aluminum signs and plaques. Specialist in street signs, town seals, historical markers, and custom work.	Free Write in No. 8730											V					
epoWorks, Inc. 19-339-5370; No Fax vww.lepoworks.com .ima, OH 45807	Designs private, public, and institutional artwork; interior and exterior works in a multitude of materials, including metal and wood; wood-carving services.	Free Write in No. 1034																Metal artwork
iberty Ornamental Products 00-636-5470; Fax: 419-636-2365 172 E. Trevitt St. ryan, OH 43506	Wide range of ball tops, caps, spears, shoes, etc., for fabricating fences, gates, and ornamental metal assemblies. Parts in sizes from 1/4 to 4 in., in #3 zinc with a non-rusting pewter finish. Also, plastic ornamental components.	Free Write in No. 5340							V		J.	~	~				~	Custom cast product
lebscher Custom Sheet Metal 160-471-5114; Fax: 760-471-7884 P.O. Box 38 Ian Marcos, CA 92079	Reproduction of historic roof shingles, weathervanes, cupolas, gargoyles, and roof ornaments.	Free Write in No. 1038											C					Sheetmetal ornamen
ighting by Hammerworks 508-755-3434; Fax: Same as phone www.hammerworks.com Worcester, MA 01603	Reproduction Colonial lighting: chandeliers; wall sconces; wall, post, & hanging lanterns; made in copper or brass; interior items also in tin; forge work; also custom work and new Arts & Crafts lighting.	Free Write in No. 5090					~			V		v						Shutter hardware
ynch & Sons, Inc. 203-762-8363; Fax: 203-762-2999 www.klynchandsons.com Wilton, CT 06897	Top-of-the-line fabricators with an extensive catalog of fountain designs, garden ornament, site furniture (including full park-bench manufacturing capabilities), weathervanes, finials, and gazebos. Custom capabilities.	Free Call for more information																Metal garden ornam
Master Halco 800-229-5615; Fax: 410-676-7098 www.fenceonline.com Edgewood, MD 21040	100-year-old fence manufacturer uses traditional techniques and patterns; stocks components and assembles to order. Carries pickets as well as ornamental panels and gates. Modular designs.	Free Write in No. 6910																Fences, gates, & gat hardware
Mel Northey Co. 800-828-0302; Fax: 281-445-7456 www.melnorthey.com louston, TX 77037	Large source for heavy-duty, rust-free, cast-aluminum curbside mailboxes. Also, exterior lighting and posts.	Free Write in No. 53										N						Cast-metal lighting & mailboxes
NIKO Contracting Co. 112-687-1517; Fax: 412-687-7969 www.nikocontracting.com Pittsburgh, PA 15213	Nationwide roofing and sheetmetal contractor has extensive experience in historic-restoration projects: custom architectural sheetmetal work, artificial patination of copper, standing-seam, slate, tile, and other historic roofing.	Free Write in No. 8300																Sheetmetal ornamen
NOMMA- Nat'l. Ornamental & Misc. Metals Assn. 404-363-4009; Fax: 404-366-1852 www.nomma.org Forest Park, GA 30297	Major trade association of over 1,000 metal craftspeople with goal of improving levels of professional excellence in metalwork. Visit their website to find NOMMA members in your area.	Free Write in No. 5170																Association of metal craftspeople
Notting Hill Decorative Hardware 262-248-8890: Fax: 262-248-7876 www.nottinghill-usa.com ake Geneva, WI 53147	Distinctive line of knobs & pulls for cabinetry & furniture. Cast of pewter or bronze with additional plating options. Featuring semi-precious stones, enamel & color-tinting. Designs from Arts & Crafts to Art Nouveau to Victorian.	Free Write in No. 319		~														
old Smithy Shop 03-672-4113; Fax: Same as phone 93A #3, Route 13 Brookline, NH 03033	Early American hand-forged handles, hinges, and more. Harvard University and The Metropolitan Museum of Art display firm's hardware. Throated suffolks/ plain latches or pulls, butterfly/ H/ H-L hinges and butt leaf/ pintle straps, more.	Free Write in No. 5110		~						V		~					~	Accessories for windows, bathroom, kitchen, & fireplace
Old World Iron, Inc. 972-484-9926; Fax: 972-484-9758 www.oldworldiron.com Dallas, TX 75229	Custom hand-forged wrought-iron stair railings, balconies, doors, and gates. Firm will pre-measure, deliver, install, or ship FOB Dallas.	Free Write in No. 332							V									
Olde Good Things 12-989-8401; Fax: 212-463-8005 ww.oldegoodthings.com lew York, NY 10011	Inventory of architectural salvage includes period hardware, doors, mantels, columns, moldings, ironwork (gates, doors, fencing, garden ornament), and more. Also, extensive supply of terra cotta from landmark buildings.	Free Write in No. 8101		~	~	V	V	V	v	~	~	~	V	v	v	~	V	
Ornamental Metal Institute of N.Y. 212-697-5553; Fax: 212-818-0976 211 E. 43rd St. 21 Ew York, NY 10017	Consultations, literature, and seminars on the design and use of architectural and ornamental metals to construction professionals; associated services provided free of charge.	Free Write in No. 5430																Consultation on met fabrication
Patten Design 14-894-0131; Fax: 714-894-0031 15561 Product Ln., #D-5 Huntington Beach, CA 92649	Fabrication of custom and reproduction door and window hardware in all metals and finishes; large and small runs, including knobs, levers, rosettes, escutcheons, cremones, pulls, hinges, medallions, and more. All periods and styles.	Free Write in No. 1520		,	~	V	~			~			V	,	~	~	V	Shutter hardware
Phelps Company 802-257-4314; Fax: 802-258-2270 80 Elm Street Brattleboro, VT 05301	Traditional, hot-forged, solid-brass window hardware, including sash pulleys & chain, sash locks & lifts, casement hardware, screen-door latch sets. Finishes include non-lacquered, satin nickel, polished nickel, & oil-rubbed bronze.	Free Write in No. 6001			v												~	Sash pulleys, caseme hardware, screen-do latch sets
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 dassical nature. Options include: original artwork, colors, textures, dipped and baked finishes, detailing in gold leaf or bronze, repousse, and more; 20 years experience.	Free Write in No. 898							,									Custom omamental ironwork

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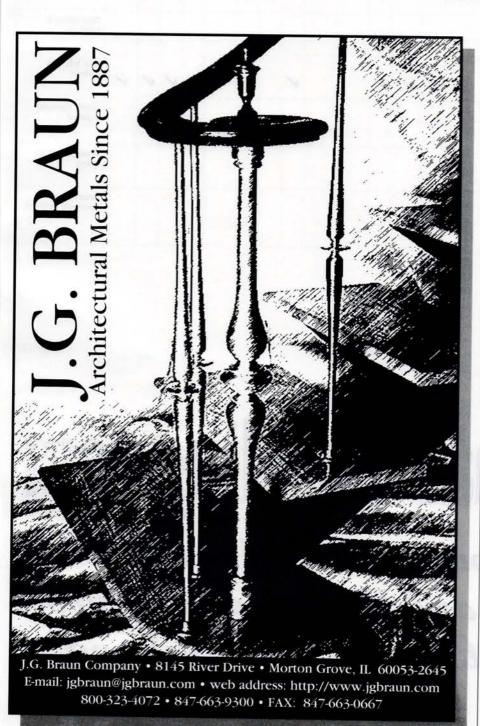
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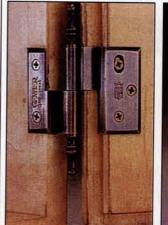
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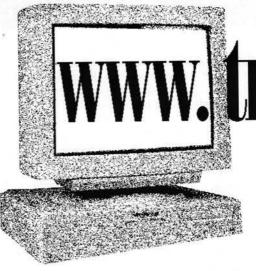
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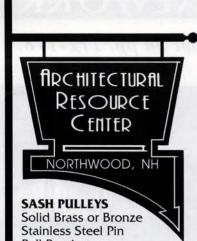
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COMPI	LED BY COLE GAGNE		_					_						_			CS	I# 08700
COMPANY	SPECIALTY	Literature	Bar Rails	Cabinet & Furniture Hardware	Cremone Bolts	Door Knobs/ Escutcheons	Door Knockers	Grilles & Registers	Handrails & Railings	Hinges	Kick Plates	Latches	Letters & Numbers	Lever Handles	Lock Sets	Push Plates	Window Hardware	Other
eggio Register Co. 78-772-3493; Fax: 978-772-5513 ww.reggioregister.com yer, MA 01432	Manufactures and stocks a complete line of traditionally designed, decorative grilles and registers in cast-iron, -brass, and -aluminum, as well as wood. Choose from over 500 products.	Free Write in No. 5810						,										
obinson Iron Corp. 00-824-2157; Fax: 256-329-8960 ww.robinsoniron.com lexander City, AL 35011	Historic reproductions of classic Victorian lawn and garden ornament in bronze, aluminum, or iron. Custom casting available.	Free Write in No. 3240																Stock & custom gard & architectural metal ornament
ocky Mountain Hardware 88-788-2013; Fax: 208-788-2577 ww.rockymountainhardware.com ailey, ID 83333	Solid-bronze architectural hardware and accessories, handmade and sand-cast: doors, windows, cabinets, bath, and kitchen; pulls, levers, knobs, faucets, sinks, bolts, hinges, etc.	Free Write in No. 7720		~	v	,	v		V	v	V	v	V	~	~	,	V	Custom work
hiff Architectural Detail 17-887-0202; Fax: 617-887-0127 ww.schiffarchitectural.com nelsea, MA 02150	Foundry, forge, and fabrication shop offers custom castings and non-ferrous forge work; machine-shop service, rubber molding, and pattern work. Historic restoration and refurbishment. Large-scale bowl fountains; turnbuckle stars.	Free Write in No. 7730					,	V	~	V	V		~					Custom ornamental metalwork
mon's Hardware and Bath 12-532-9220; Fax: 212-481-0564 ww.simons-hardware.com ew York, NY 10016	NYC specialist in decorative and architectural hardware, all types and periods, including mail slots, sweeps, and dosers; services the trade and retail customers; also, kitchen, bath, marble, stone, and tile departments.	Free Write in No. 420			V	~	~			~	~	V	V	V	V	~	V	Door bells, door bolt
ate and Copper Sales Co. 14-455-7430; Fax: 814-455-7823 ww.slateandcopper.com rie, PA 16507	Firm supplies half-round and K-style gutter systems, ridge cresting, linials, cupolas, dormers, dormer vents, gutter and downspout brackets, copper conductor boxes (leader heads), slate-roofing materials new and salvaged, and more.	Free Write in No. 8159																Gutter hardware
eptoe & Wife Antiques, Ltd. 00-461-0060; Fax: 416-780-1814 ww.steptoewife.com oronto, ON, CANADA M6B 1V9	Specialist in custom metal fabrications, using decorative stampings, copper and zinc, aluminum and iron castings, steel, brass, and bronze. Also, Victorian-style cast-iron spiral and straight staircases; decorative drapery hardware.	Free Write in No. 9200																Drapery hardware
in Valley Bronze 08-788-3631; Fax: 208-788-1306 ww.svbronze.com ailey, ID 83333	Manufacturer of premium-quality bronze decorative hardware; specialist in door, cabinet, bathroom, and kitchen hardware, made to order.	Free Write in No. 136	~	~	V	V	~		V	~	~	~	V	V	V	V	v	Drapery hardware, door bells, bolts, bat & kitchen hardware
rr-Fin Chemical Corp. 23-262-8108; Fax: 323-264-7734 ww.sur-fin.com os Angeles, CA 90023	Wide range of patinas for copper, brass, bronze, galvanized steel, iron, pewter, solder, and aluminum. Also, exterior/interior lacquers for metals. Outside California call toll-free: 800-282-3533.	Free Write in No. 5620																Patinas & lacquers
ennessee Fabricating Co. 01-725-1548; Fax: 901-725-5954 ww.tnfab.com emphis, TN 38104	Wholesale supplier of cast and forged ornamental metal railing components and hardware.	Free Write in No. 5180							~	~	52				~			
exas Metal Industries, Inc. 00-222-6033; Fax: 800-472-3807 ww.txmetal.com randall, TX 75114	Ornamental aluminum castings: outdoor furniture and lighting, gate and fence components, mailboxes, hardware, finials, and balustrades. Also, cast-aluminum fountains, lamp posts, and urns.	Free Write in No. 9430							~	V		V	V	~	~			Ornamental metal components
ne Federalist 03-625-4727; Fax: 203-629-8775 69 Greenwich Ave. reenwich, CT 06830	Wide range of furniture, decorative accessories, and interior/exterior lighting; specialist in handmade reproductions of 18th- and early-19th-century originals.	Free Write in No. 2833					~	0										Metal lighting & furnishings
he Golden Lion 10-398-2848; Fax: 310-398-0605 ww.goldenlion.org os Angeles, CA 90066	Imports lines of quality European hardware and accessories in traditional and period styles, from handmade wrought iron to the finest hand-crafted bronze.	Free Write in No. 115	5		~	V	~			V			100	V	~	,	,	Door bells, bath hardware
olican Supply Corp. 02-893-0512; Fax: 802-893-0534 0. Box 100 estford, VT 05494	Specialist in replication of historic architectural sheetmetal ornamentation; custom and stock finials, weathervanes, cornices, vented ridge cresting, leader boxes, cupolas, roof vents, and more; all periods and styles.	Free Write in No. 7212								la la								Custom sheetmetal ornament
7.F. Norman Corp. 00-641-4038; Fax: 417-667-2708 .O. Box 323 evada, M0 64772	Major fabricator of sheetmetal ornament; hundreds of stock designs of comices, moldings, brackets, pressedmetal ceilings, etc.; duplication from samples or drawings.	Free Write in No. 520	0															Omamental metal ceilings
Viemann Ironworks 118-592-1700; Fax: 918-592-2385 www.wiemanniron.com Fulsa, 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.	Free Write in No. 1223																Custom-forged ornamental metalwo



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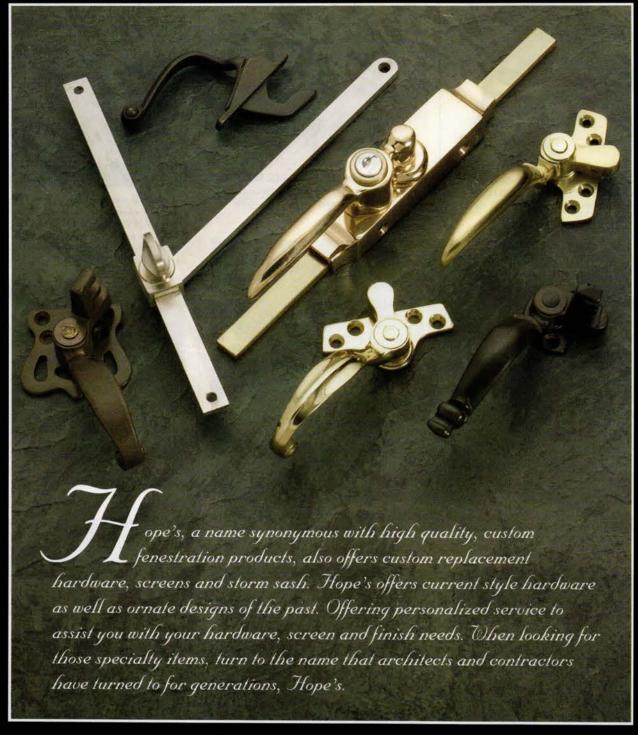
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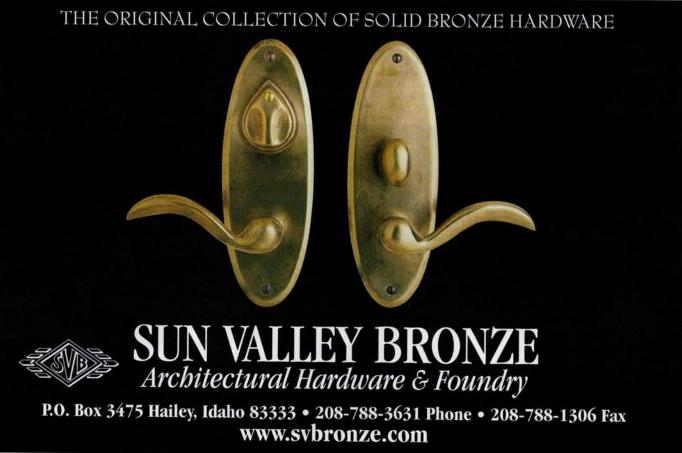
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WRITE IN NO. 8168



COMMERCIAL HARDWARE & METALWORK

For complete contact information on these companies, consult the SourceList on pp. 172-178.



The steel-framed "Tobermory Bench," #1070S from TORONTO FABRICAT-ING, is available in lengths of 4, 6, or 8 ft. Write in No. 2709



Architectural metals from J.G. BRAUN include ornamental components in steel, aluminum, and brass. Write in No. 1590



This hand-crafted, solid-brass cam fastener for casement windows, #62-80C from HOPE'S LANDMARK PRODUCTS, is available in various finishes, including the US3 Polished Brass shown here. Write in No. 8168



Antique bronze door hinges, such as this pair of ornamented beauties, can always be found among the wealth of architectural salvage available from OLDE GOOD THINGS. Write in No. 8101



The National Ornamental & Miscellaneous Metals Association, or NOMMA, is a trade association for metalworkers who produce high-quality metalwork, such as this imposing driveway gate. Write in No. 5170



Knobs and pulls from NOTTING HILL include the characterful "Samir Rising," #NHP-622, shown here in a Brite Nickel finish. Write in No. 319



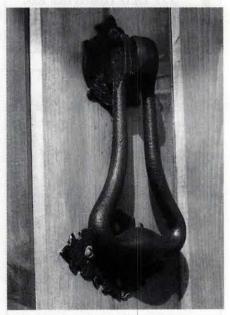
The angle adapter shown with this flagstaff holder from CHAENOMELES will change the flag's display angle from 45 degrees to 15 degrees. Write in No. 1361



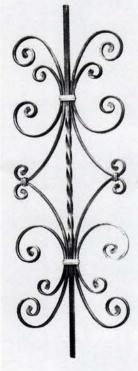
Architects who design ornamental metalwork — such as the components of this circular stairway — are aided by programs sponsored by THE ORNAMEN-TAL METAL INSTITUTE OF N.Y. Write in No. 5430



model #OSB-12, is offered in a range of patinas for silicon bronze or white bronze. Write in No. 136



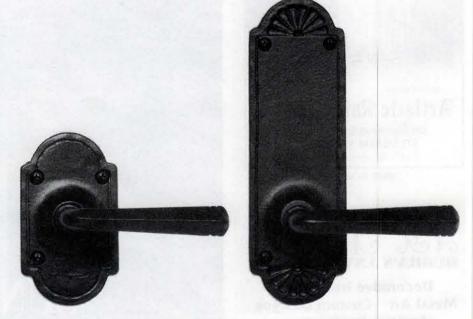
This door knocker in Warwick iron, #WMYBG from ACORN MFG., is only one of the firm's many pieces of door hardware.



KING AR-CHITEC-TURAL METALS offers vertical panels for fences, gates, and railings in a range of design styles. Write in No. 418



The plethora of hand-cast decorative hardware offered by ATELIER B includes such unusual items as this Cherub door knocker. Write in No. 8176



These iron levers and panels, #450 (left) and 420 from ARCHITECTURAL IRON-WORKS, feature Southwestern design elements. Write in No. 540





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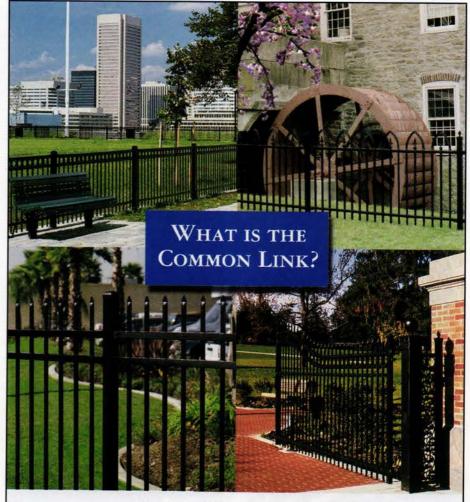
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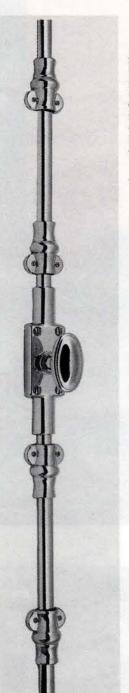




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COMMERCIAL HARDWARE & METALWORK

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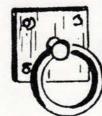


Architectural hardware offered by KOLSON includes Cremone Bolt #8106, which is available with levers. Write in No. 3760



Window hardware from BRONZE CRAFT CORP. is cast in corrosion-resistant white bronze. Write in No. 8380



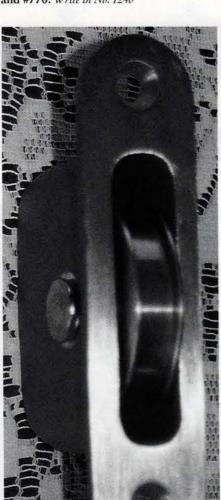


Wrought-steel, period-style shutter hardware from JAMES PETERS & SON includes these shutter rings, #750 (left) and #770. Write in No. 1240

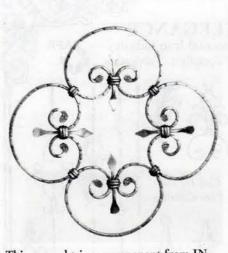


PATTEN DESIGN works in all metals to hand-craft quality hardware, such as this impressive door pull. Write in No. 1520

The patriotic "Eagle" door knocker, #W217 from BALL & BALL, is made of polished brass and measures 6-1/4 in. x 7-1/2 in. Write in No. 2950



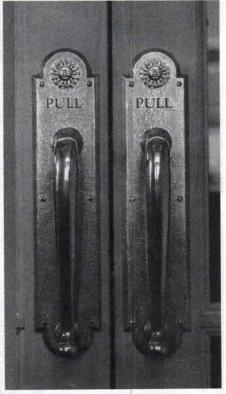
Specialty architectural hardware, such as these sash pulleys, are part of the inventory at ARCHITECTURAL RESOURCE CENTER. Write in No. 1670



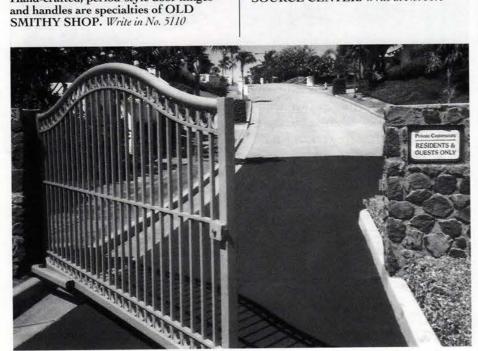
This wrought-iron component from IN-DITAL, USA, can be configured to create a decorative security window gate. Write in No. 6560



LIBERTY ORNAMENTAL PROD-UCTS' 2-in. finial #3-200-22 is designed to fit securely on fence pickets without being welded. Write in No. 5340



These solid-brass door pulls from ROCKY MOUNTAIN HARDWARE feature a corporate logo in their design. Write in No. 7720

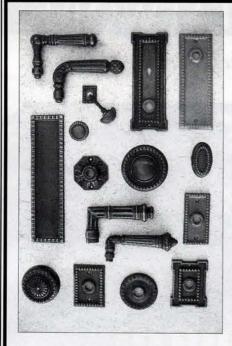


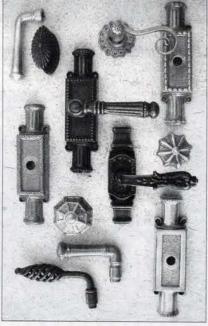
Although mounted inside the gate, the Model 400 heavy-duty hydraulic operator from FAAC INTERNATIONAL allows the gate to open to the inside or the outside. Write in No. 531



BROSAMER'S BELLS offers cast-bronze bells in a range of sizes, from yard bells to tower bells. Write in No. 7130

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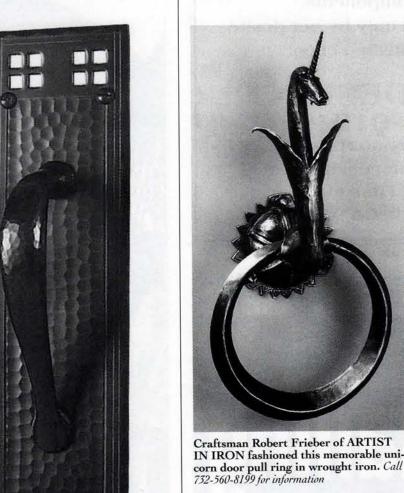
OLD WORLD IRON produces and installs custom, hand-forged wrought-iron stair



The "Bridge Street" Colonial-style ornamental fence from MASTER HALCO features fleur-de-lis finials on the pickets. Write in No. 6910



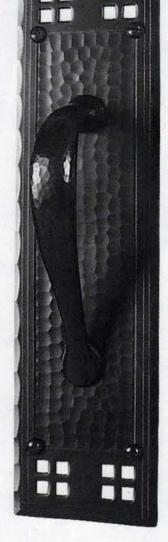
The range of vintage hardware which can be replicated by HOUSE BRONZE includes such specialty items as the radiator cap of a 1920s Pontiac. Write in No. 34



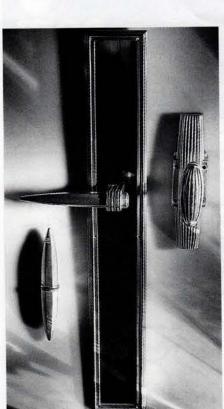
IN IRON fashioned this memorable unicorn door pull ring in wrought iron. Call 732-560-8199 for information



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This Arts & Crafts-style door pull, #C050 from CRAFTSMEN HARD-WARE, is used in the Disney Grand Hotel in California. Write in No. 6980



Art Deco is only one of many period styles of hardware offered by THE GOLDEN LION. Write in No. 115





Scroll balusters from CRES-CENT CITY IRON SUP-PLY, such as #3320, shown here, are available in lengths of 36, 42, and 48 in. Write in No. 1222

The newly redesigned sash lock from PHELPS COMPANY, item #LKF14, is precision-machined from hot-forged brass and features a narrow strike. Write

in No. 6001

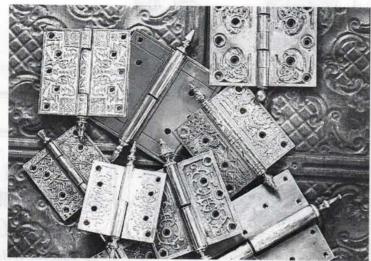


SIMON'S HARDWARE & BATH specializes in decorative and architectural hardware, including a bevy of hook designs. Write in No. 420



DEANGELIS IRON WORK fabricated this ornamental detail for the cast- and forged-iron gates and fences which it created for Hardvard Yard. Write in No. 1023







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For if while being enemies we were reconciled to God through the death of His Son, much more, being reconciled, we shall be saved by His life. Romans 5:10

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Our education program, publications, and awards competition help to promote quality in the ornamental and miscellaneous metals industry. If you would like the names of NOMMA fabricators in your state, please contact us.













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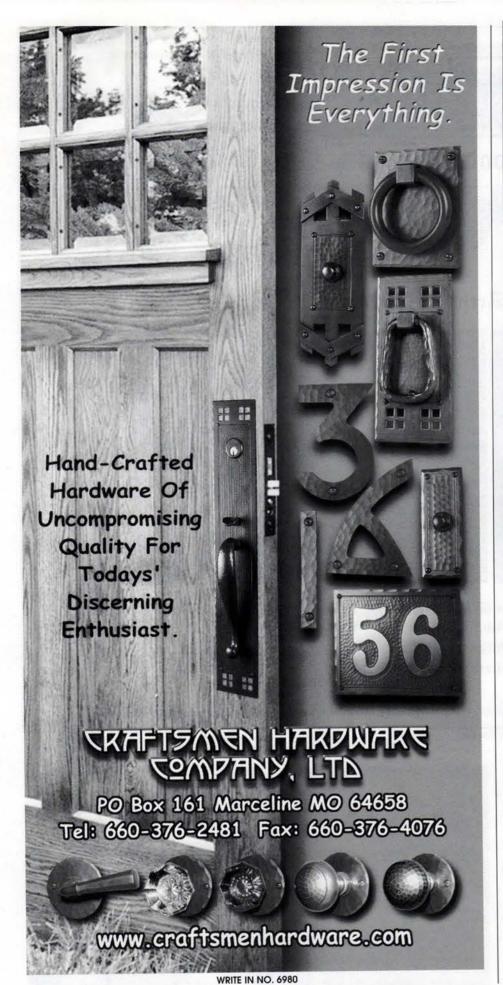
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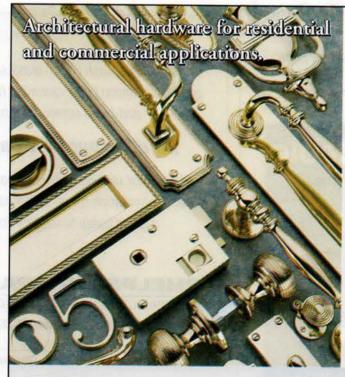




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PAGE 214.

Architectural Ironworks

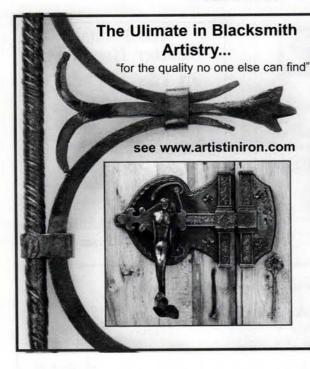
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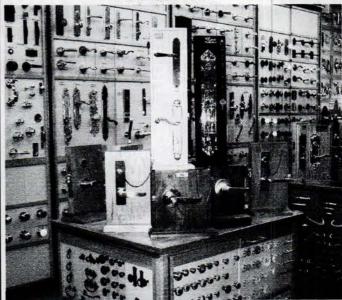


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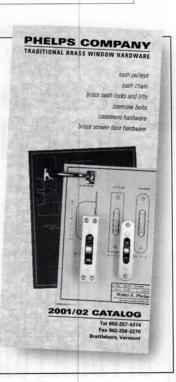
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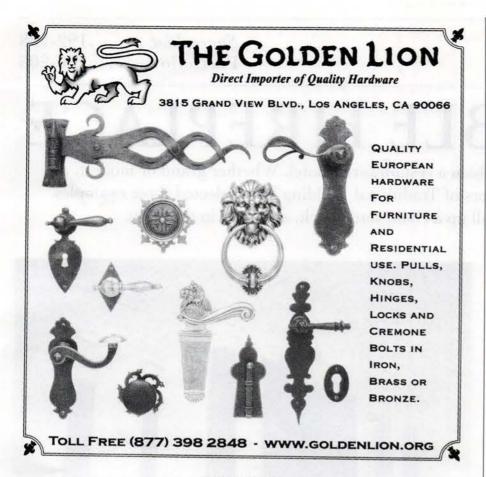
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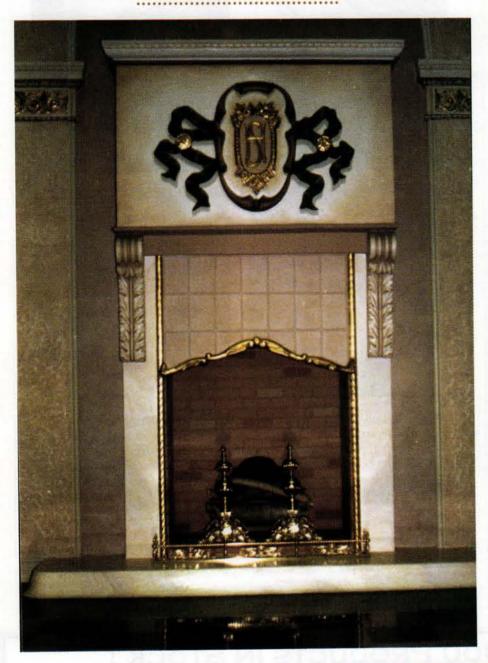
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THE HOSPITABLE FIREPLACE

There's nothing like a fireplace to set the scene, especially in a restaurant or hotel. Whether grand or modest, a fireplace can conjure up warmth in any setting. The editors of Traditional Building have selected three examples of fireplaces in commercial environments; so pull up a chair, settle back, and bask in the glow.

his ornate fireplace was re-created from archival photographs by A&M Victorian Decorations of South El Monte, Calif. Located in Sacramento's landmarked Senator Hotel, the 6-ft.-tall fireplace features the hotel's coat of arms cast in plaster. The fireplace was completed during the restoration of the hotel which sits prominently across from the California State Capital. Write in No. 7470





he Mantelmaker, part of the Architectural Heritage company located in Adkins, Tex., designed and built a symmetrical mantel around a bent fireplace situation. Viewed straight-on, the mantel looks symmetrical, but viewed from the angle shown in the photograph, the mantel reveals itself as a wall treatment around a corner fireplace. The fireplace is in the spa chamber of a country club in Dallas, Tex. Made of oak and painted wood with cast decorations purchased from a supplier, it stands approximately 18 ft. tall.

Write in No. 21

he Boonesboro Country
Club Bar/Dining Room in
Lynchburg, Va., features products used from the Antique Wood
Collection of Mountain Lumber,
located in Ruckersville, Va. The club's
mountain site inspired the exposed
timbers shown in the photograph.
The fireplace utilized crown grade
and authentic distressed historic
heart pine, enhanced with ornamental and structural heart pine timbers.
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American Period Design 608-384-2562; No Fax www.AmericanPeriodDesign.com Wrentham, MA 02093	Firm reproduces fireplace mantels in 18th- and early-19th-century styles.	Free Write in No. 8155							v	V		Wood, composition molding	
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Buckley Rumford Fireplace Co. 800-447-7788; Fax: 360-385-1624 www.rumford.com Port Townsend, WA 98368	Fireplace technical-design service specializing in the restoration of 18th- and 19th-century fireplaces and the construction of new Rumford fireplaces. Also supplies Rumford fireplace and chimney components.	Free Write in No. 2590	~					Restoration					
Bybee Stone Co. 800-457-4530; Fax: 812-876-6329 www.bybeestone.com Bloomington, IN 47402	Custom-cut and -carved stone, including sculpture and intricate carvings. Stone and carvings for exterior building restoration.	Free Write in No. 8096	~							~		Hand-carved stone fabricated stone Hand-carved stone	
Cantera Especial 800-564-8608; Fax: 818-907-0343 www.cantera-especial.com Pacific Palisades, CA 90272	Machine- & hand-carved products made from Cantera & Adoquin stone, limestone, & sandstone quarried from Mexico & Europe: fountains, fireplace surrounds, columns, sculpture, table bases, vanities, pavers, urns, planters, custom work.	Free Write in No.	~	8	V	•			-	-	~	fabricated stone Hand-carved wood	
Carroll Corp. 334-735-3217; Fax: 334-735-0877 www.carrollmantels.com Troy, AL 36079	Supplies top-quality wood mantels custom-sized to order specifications.	Free						Custom items	~	-		Cast stone	
Cast Stone Products 941-358-7577; Fax: 941-358-7677 1718 Independence Blvd. Sarasota, FL 34234	Specialist in cast-stone balustrades, columns, mantels, window sills, surrounds, "Old World Stone Tile," fireplaces, custom castings.	Free Write in No. 3028	~	·	-			Custom Items	-	•		Cast stone, coquir	
Castlestone, Inc. 407-228-6146; Fax: 407-228-6145 www.castlestone.com Orlando, FL 32803	Specialist in high-quality cast stone, working with landscape/hardscape architects. Can manufacture directly from client's drawing or photo. Mantels, stone fireplaces, columns, balustrades, garden ornament, door surrounds, and more.	Free Write in No. 22	-					Gas fireplaces,	-	'	' '		
Central Fireplace 800-248-4681; Fax: 218-782-2580 www.centralfireplace.com Greenbush, MN 56726	Manufacturer of gas fireplaces, stoves, and inserts. Hand-crafted wood mantels also available.	Free Write in No. 8165		·	/			stoves, inserts Stone products for	-	•		11300	
Champlain Stone, Ltd. 518-623-2902; Fax: 518-623-3088 www.champlainstone.com Warrensburg, NY 12885	Natural building and landscaping stone: guillotined and hand-split granite, quartzitic sandstone, and limestone; for building veneer, wall stone, flagging, paving, step slabs, and landscaping boulders.	Free						fireplaces; veneer, lintels, & hearth pieces					





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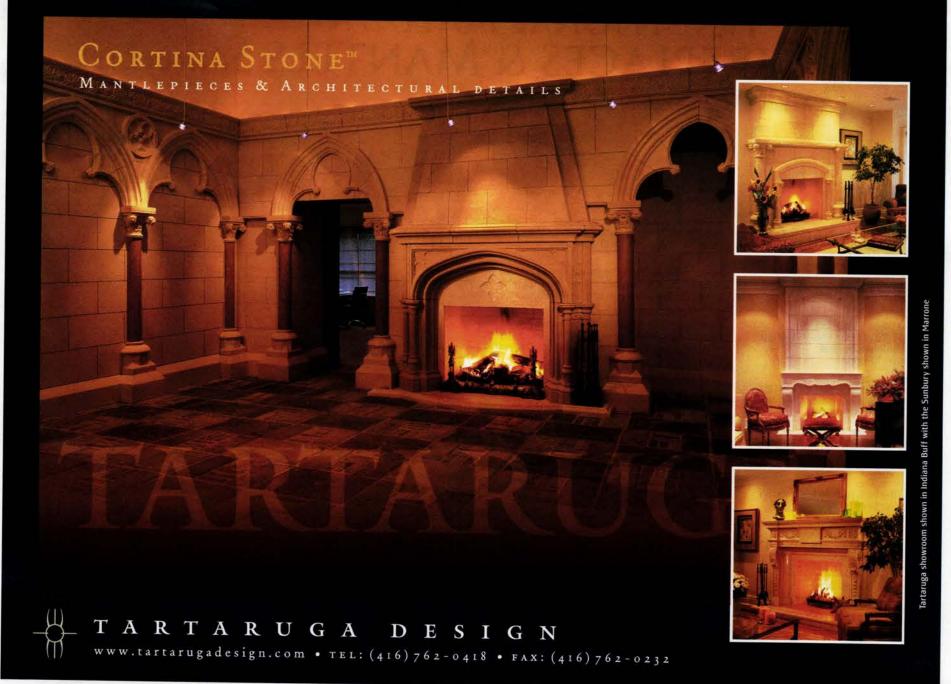
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					Fir	epla	ce Pro	oducts	Ma	ante	ls	
COMPANY	SPECIALTY	Literature	Traditional Fireplaces	Fireplace Inserts	Tile	Firebacks	Gas Logs or Fire Grates	Other	Stock	Custom	Antique	Mantel Materials
hemcrest Architectural Products 00-665-6653; Fax: 888-715-1813 ww.chemcrest.com /innipeg, MB, CANADA R3H 0P5	Building components & architectural details in high-density polyurethane & pre-coated EPS, interior & exterior: medallions, wall niches, mantels, crown moldings, balustrade & railing systems; door, window, & other exterior trim.	Free Write in No. 2764	FE	H	Д	FI	33	Other	×	O	A	
hiarini Marble & Stone 14-547-5466; Fax: 714-547-7282 ww.chiarini-marble.com anta Ana, CA 92701	Craftsmen in fine stone for 40 years, specializing in hand-carved marble and limestone fireplaces, fountains, mantels, moldings, balusters, columns, and architectural pieces. Full fabrication services.	Free Write in No. 850	~							-		Hand-carved stone fabricated stone
oncrete Designs Inc. 00-279-2278; Fax: 520-624-3420 650 S. Broadmont Dr. ucson, AZ 85713	Manufactures hand-cast concrete pavers for use in flooring applications or as wall cladding. Available in many standard sizes, colors, and textures. Custom work is also available.	Free Write in No. 5190							~	V	V	Precast concrete, GFRC
ountry Flair Tile 60-927-3178; Fax: 860-927-4978 ww.homeandgardendecor.com tent, CT 06757	Cement brick and tile, terrazzo, quarry tile, ceramic tile, slate, and a French antique collection of reclaimed terra cotta and limestone.	Free Write in No. 3081			V							
ountry Iron Foundry 41-434-2181; Fax: 941-434-7207 5 12th Street South aples, FL 34102	Large collection of efficient, functional, and decorative firebacks from antique replicas and original designs of cast-iron plates. Provide an excellent source of protection to rear wall of the fireplace.	Free Write in No. 1760				V						
umberland Woodcraft Co. 200-367-1884; Fax: 717-243-6502 ww.cumberlandwoodcraft.com arlisle, PA 17013	Supplier of architectural details offers complete line of ornate appointments, from carved capitals, corbels, moldings, onlays, and medallions to hand-crafted mantels, fireplace surrounds, and detail paneling.	Free Write in No. 1310							~	v		Wood
Custom Wood Carving 105-996-1039; Fax: Same as phone www.customwoodcarving.com 1000mis, SD 57301	Custom wood carvings for fireplace mantels and corbels: traditional, contemporary, or reproduction; also, restoration.	Free								,		Hand-carved woo
Designs in Tile 530-926-2629; Fax: 530-926-6467 www.designsintile.com Mount Shasta, CA 96067	Custom tile — coordinating patterns in Victorian, English & American Arts & Crafts styles. Victorian transfer tiles in Anglo-Japanese, Gothic Revival, and Neo-Grec styles. Wm. Morris/DeMorgan. Majolica tiles (2x6 in. & 1-1/2x6 in.).	Free Write in No. 250			~							
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Dixie Cut Stone & Marble, Inc. 188-450-2858; Fax: 989-777-8791 www.dixiestone.com Bridgeport, MI 48722	Firm has carved natural stone since 1960. Custom limestone fireplaces; also, carvings, door and window surrounds, balusters, columns, signs; stone includes Indiana buff limestone, Texas cream, Mankato gold, Amherst grey, Birmingham buff.	Free	V					,		V		Hand-carved stone fabricated stone
OMS Studios 118-937-5648; Fax: 718-937-2609 www.dms-studios.com ong Island City, NY 11101	Historically accurate hand-carved marble and limestone custom fireplace mantels and other architectural elements, including statuary, fountains, and landscape ornaments. Also specializes in unique, one-of-a-kind custom projects.	Free Write in No. 9100	V							~		Hand-carved store fabricated stone
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Glizabeth Street 212-644-6969; Fax: 212-644-8090 www.elizabethstreetgallery.com New York, NY 10021	Antique stone and marble mantels, re-creations of period stone mantels. Custom stonework.	Free Write in No. 3001	~				W		~	V	~	Hand-carved stormarble
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Evergreen Mantels 360-654-1988; Fax: 360-652-2597 14029 Kayak Pt. Rd. Stanwood, WA 98292	Prefab mantels and hearth pads.	Free Write in No. 8164							V	~		Wood
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Flex Moulding, Inc. 201-487-8080; Fax: 201-487-6637 www.flexiblemoulding.com Hackensack, NJ 07601	This company offers over 3,000 flexible and rigid moldings, spot decorations, simulated wood carvings, and more; rigid and flexible materials; custom casting and moldmaking capabilities. Restoration casting.	Free Write in No. 4900						rius la suffediation .	~	•		Molded orname
Forrest Paint Co. 541-342-1821; Fax: 541-342-5137 www.forrestpaint.com Eugene, OR 97402	Manufacturer of StoveBright Fireplace Surround High Temp Paint, available in 31 designer colors. Specialist in high-temperature paints worldwide. Also available, Chiminea Fuel and Chiminea Sealer.							Fireplace-surround paint in 31 colors				Polymer/stone
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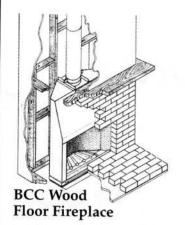
P.O. Box 204, Heltonville, IN 47436 Phone/fax: 812 834 5696 www.stone-sculptor.com email: stonecarve@earthlink.net



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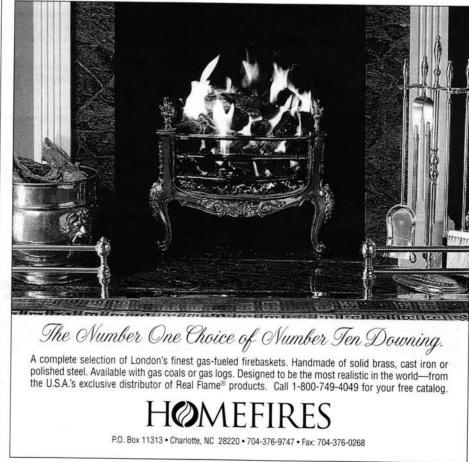




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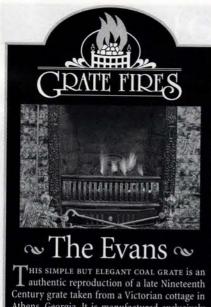


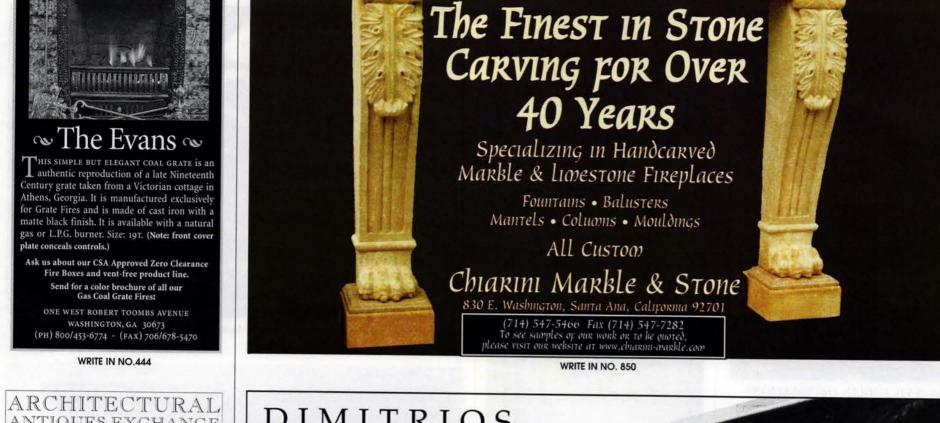
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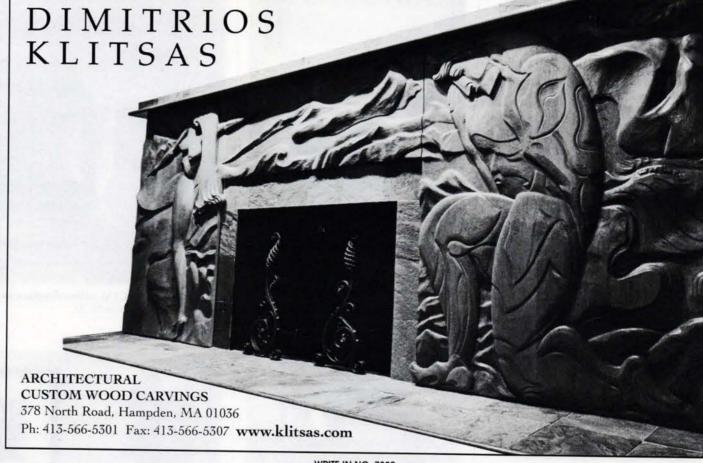








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FIREPLACES & MANTELS PORTFOLIO

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A&M VICTORIAN DECORATIONS fabricated this re-creation of an elaborate fireplace, complete with coat of arms, for the Senator Hotel in Sacramento, Calif. Write in No. 7470



Antique limestone mantels can always be obtained from DHS DESIGNS. Write in No. 773



Cast-stone mantel designs from STONE MAGIC include the handsome "Bordeaux" fireplace. Write in No. 9067



Chimney-top-mounted draft equipment from EXHAUSTO is designed to eliminate draft problems with fireplaces, stoves, and furnaces. Write in No. 5670



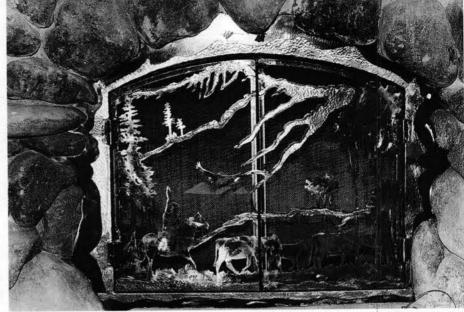
ARCHITYPE offers fine antique fireplaces, such as this 18th-century, handcarved limestone fireplace, complete with overmantel.



The "Regency" from PREMIER MAN-TLES features detailed molding configurations, columns, and appliques. Write in No. 8177



"Modern-day antiques" from OLD MILL MANTELS are custom reproductions of historic originals. Write in No. 514



Custom firescreens from J. DUB'S can be built either in-shop or on-site. Write in No. 121



CANTERA ESPECIAL offers fireplace surrounds that are hand-carved in cantera and adoquin stone. Write in No. 31



KALEH DESIGN produces cast-stone fireplaces such as "The Transitional," #185, which is available in two size formats. (photo: Ed Goblich Photography) Write in No. 3068

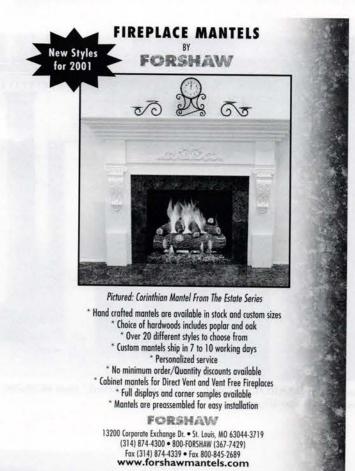
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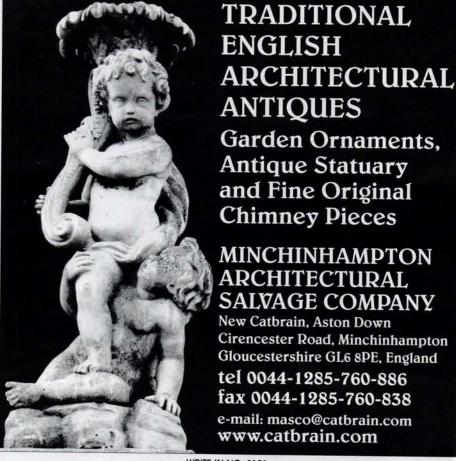






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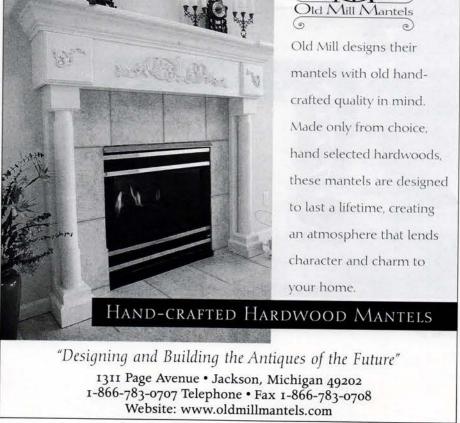
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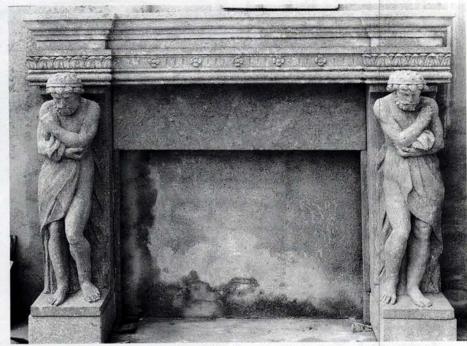
High-quality iron and brass fireplace equipment and accessories from STONE MFG. CO. includes this dramatic pair of leonine andirons. Write in No. 2829



This classically detailed, hand-carved limestone mantel was produced by DMS STUDIOS. Write in No. 9100



CASTLESTONE collaborated on the conception, manufacture, and installation of the "St. George" mantel, which was designed by Marc Michaels of Winter Park, Fla. Write in No. 22



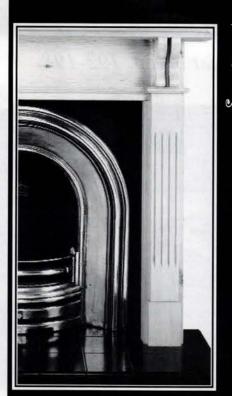
ROSSATO GIOVANNI's vast line of fireplace mantels hand-carved in Vicenza stone includes item #1715 with telamons, which measures 150 cm x 200 cm x 50 cm. Write in N_{2} , 6110



Wood mantels from CARROLL CORP., such as the "Edward," item #CM-700, can be custom-sized to your specifications.



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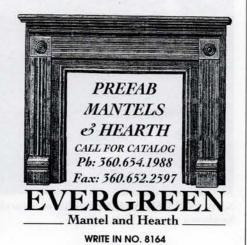


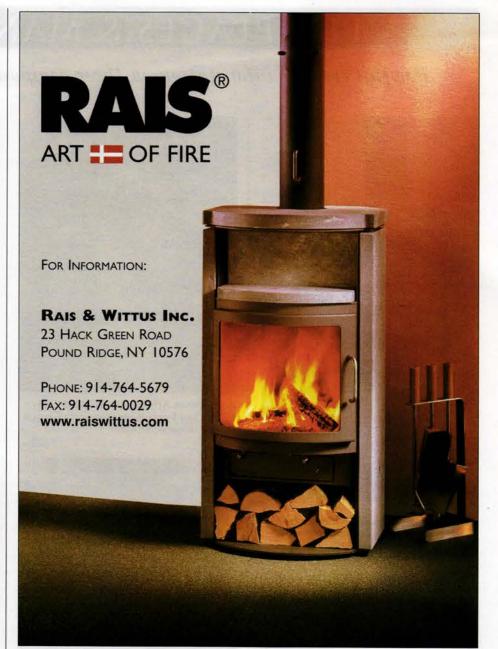
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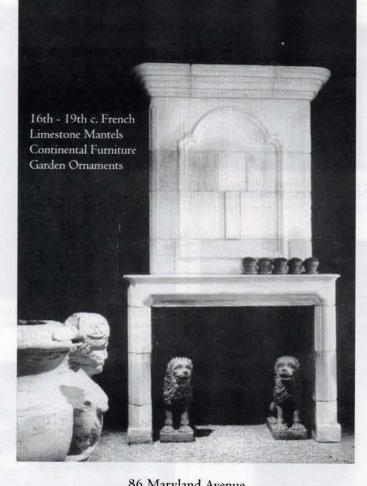






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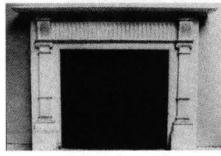
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RAIS & WITTUS manufactures a traditional woodburning fireplace/stove with a firebox lined with specially produced firebrick for optimum insulation. Write in No. 7580



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This attractive limestone mantel and overmantel was hand-carved by the artisans of LIMESTONE CONCEPT. Write in No. 5390



A worker at ANGELO STONE COM-PANY hand-carves intricate detail into a mantel. Write in No. 8122



The "Regency" gas firebasket from GRATE FIRES is realistic down to the ceramic coals that appear to be burning. Write in No. 444



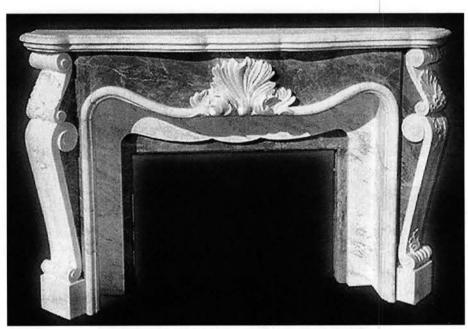
HOMEFIRES is the American importer of Adamesque gas-fueled firebaskets from England. Write in No. 337



RASMUSSEN, THE GAS LOG COM-PANY, fashions its "Prestige Oak" gaslog set from fireproof refractory materials and steel reinforcing. Write in No. 1304



South Bay quartzite from CHAMPLAIN STONE was used to build this Early American-style fireplace and chimney breast.



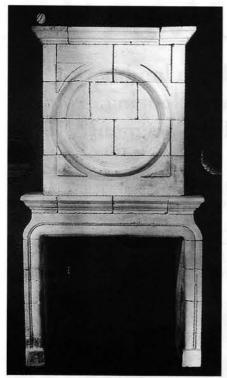
This Louis XV fireplace was hand-carved in two tones of marble by the expert artisans of CHIARINI MARBLE & STONE. Write in No. 850



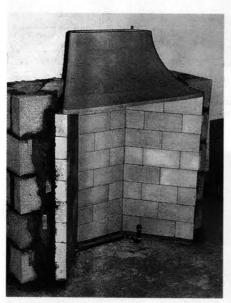
NEW YORK QUARRIES fabricates natural-stone products, such as this ruggedly handsome mantel. Write in No. 4470

MANTELS PORTFOLIO

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The "Avalon" stone mantel from ELIZA-BETH STREET, shown here with optional overmantel, stands 120 in. tall x 75 in. wide. Write in No. 3001



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The "Neptune" fireback from COUN-TRY IRON FOUNDRY is based on an original French design and stands 25 in.



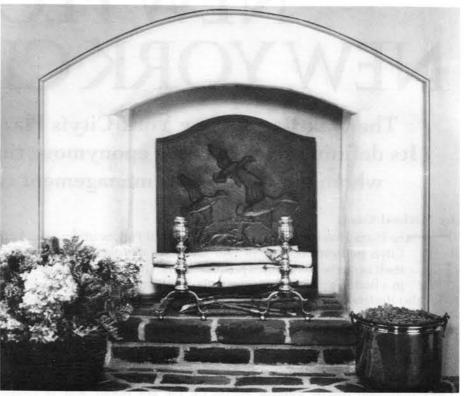
The "Mereworth" is one of many mantel designs available in Cortina stone from TARTARUGA DESIGN. Write in No. 29



The "Majorca" cast-stone mantel from OLD WORLD STONEWORKS stands 78 in. tall and has a 42x42-in. firebox. Write in No. 282

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NEW FLOORS FOR A NEW YORK CITY LANDMARK

The Oak Bar at New York Cityís Plaza Hotel is a landmark within a landmark. Its defining feature is the eponymous timber used in its paneling and flooring, so to whom did the Hotelís management turn when the floor needed replacement?

by Michael Carey

he Plaza Hotel at Fifth Avenue and Central Park South in New York Cityís midtown opened in 1907 and since that time has established itself as one of New Yorkís premier hotels. The building was designed, in a florid French Renaissance style, by Henry Janeway Hardenbergh, who also designed the Dakota apartments and the Waldorf-Astoria in New York.

Construction of the 19-story building (then considered a skyscraper) took two years at a cost of \$12 million ó an astronomical sum at the time. The hotel thrived on excess, proudly cataloging its purchase of furnishings and details from around the world. These included more than 1,650 crystal chandeliers, Caen stone and Breche Violette marble for the Tea Room, and, of course, antique-finished British oak.



The Plaza Hotel in New York City is famous not only for its luxurious accommodations, but also for its public spaces, restaurants, and bars. The Palm Court and the Oak Room are part of New Yorkis folklore, so the hotelis management was careful in its choice when a replacement floor was needed for the Oak Bar.

The space the Oak Bar occupies was originally designed as a brokerage office but was converted to a bar in 1912 as an adjunct to the Oak Room next door. Closed during prohibition, the Oak Bar was reborn in 1945 and has since established itself as one of the city's more-enduring watering holes.

The Plaza was made a New York City Landmark in 1969 and was later listed on the Register of Historic Places. It remains the only New York City hotel to be designated a National Historic Landmark.

Fuming For Oak

The floor of the Oak Bar had last been modified in the 1980s when fumed oak was laid. A poor installation, however, and leaking from the bar area made it deteriorate rapidly, until it was in urgent need of repair or replacement. After surveying the options, Plaza Hotel Engineers decided on replacement in kind. The problem, however, was the lack of domestic suppliers of fumed white oak.

Popular in the Arts & Crafts movement, particularly with the furniture-makers Stickley, Roycroft, and Limbert, oak fumed with ammonia has a rich tone almost impossible to duplicate with conventional finishing techniques. One great advantage fuming has over other finishing techniques is that it produces a very uniform color. More-porous woods, like oak, tend to collect stains in their pores, which brings out the grain. Although this type of finish has its advantages, fuming offers a more-subtle, even, and natural darkening.

The process of fuming depends on two things: the time that the wood is exposed to ammonia fumes, and the level of tannin in the wood. White oak, a more-tannin-rich wood species, lends itself well to fuming, whereas red oak may take on a slightly greenish hue when fumed. Other species, such as maple and birch, tend not to darken without the application of tannic acid.

The technique of fuming is still used in the U.S. but is now limited almost exclusively to furniture-makers who fume whole pieces. The fuming of flooring timber is virtually non-existent.

Putting The Oak In The Oak Bar

Of the four firms that approached the Plaza Hotel, only Christian Brothers Wood Floors could supply and install fumed white oak. Christian Brothers have

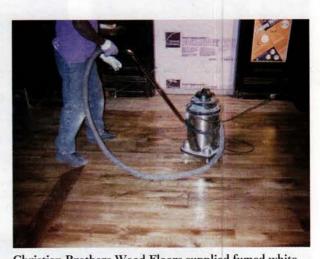
installed, repaired, and refinished floors since 1978. Their sister company, Olde Good Things Antique Wood Salvage, salvages timber from old barns and other buildings and mills it for flooring. The firm supplies antique and salvaged oak, heart pine, white pine, yellow pine, chestnut, and hemlock, as well as newly harvested exotics. Recently, Christian Brothers has floored more than a dozen Kenneth Cole shoe stores from New England through Washington, D.C., as well as dozens of other commercial and residential spaces.

Through a contact with a supplier in Russia, Christian Brothers imported the wood, which was newly harvested and fumed, and Olde Good Things milled it into 4-, 6-, and 8-in. widths. After spending two days to remove the existing floor of the Oak Bar and inspect damaged areas, Christian Brothers laid 1,500 sq.ft. of 3/4-in plywood subfloor, over which they laid the white oak. The completed floor was then finished with five coats of Christian Brothersí own satin polyurethane formula. The whole job was executed in six days, two days ahead of schedule.

The replacement of historic architectural elements may, at times, rely on a pragmatic approach to materials. New technologies offer less-costly or more-durable alternatives, and historical methods of material manufacture



The Oak Bar, in its present form, was opened to the public on January 13, 1945. Finished with antiqued British oak paneling and flooring, the Bar also features three murals depicting 19th-century New York by Everett Shinn.

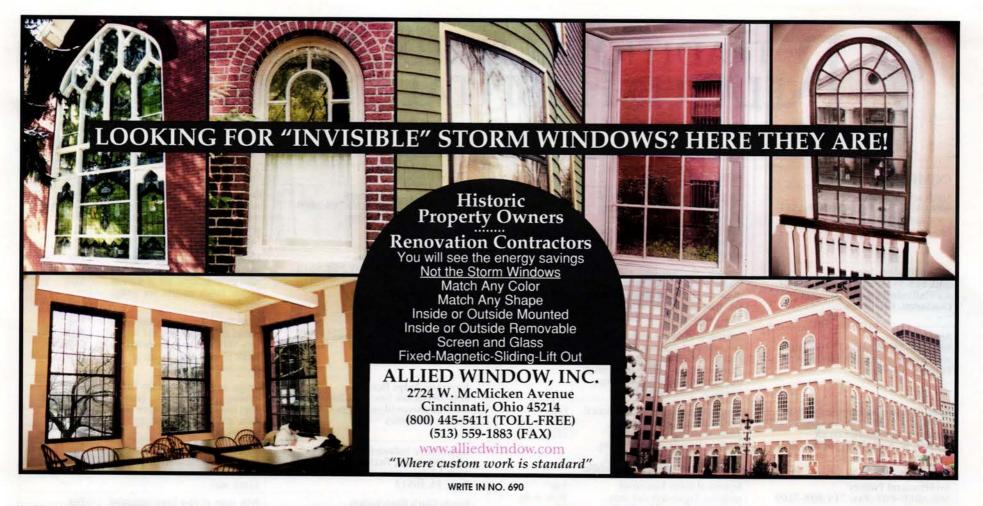


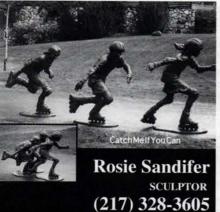
Christian Brothers Wood Floors supplied fumed white oak from Russia for the floor. Fuming with ammonia gives the oak a darker, more-uniform color than staining can achieve. Popular among Arts & Crafts designers at the turn of the century, fuming is particularly well suited to white oak.



Christian Brothersí sister company, Olde Good Things Antique Wood Salvage, milled the wood into 4-, 6-, and 8-in. widths to replicate the pattern of the original floor. The fumed oak was finished with Christian Brothersí own polyurethane mixture.

and finishing are lost over time. The treatment of materials often involves an approximation using contemporary methods, rather than reproduction. Other times, as with the floor of the Oak Bar, traditional methods can be used to treat traditional materials with wonderful results.

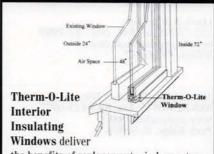






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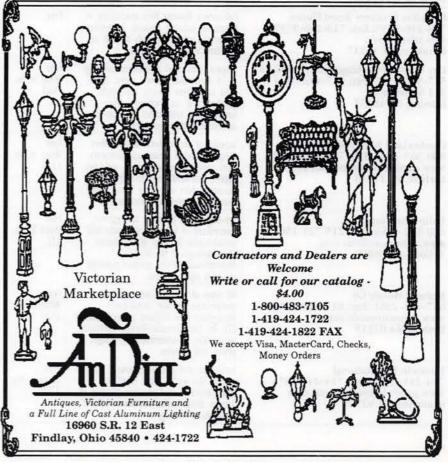
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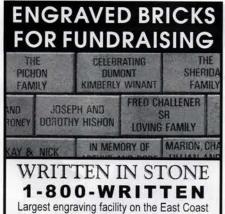
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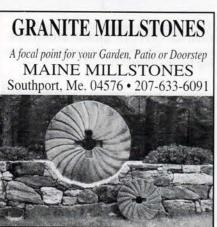
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CemcoLift Elevator Systems 800-726-7380; Fax: 215-703-0343 www.cemcolift.com Hatfield, PA 19440	Manufacturer of hydraulic residential, accessibility, and commercial elevator systems; also, traction elevators, escalators, and horizontal moving systems.	Free Write in No. 3250			
Christian Brothers Wood Floors 718-246-9735; Fax: 718-246-9739 400 Atlantic Ave. Brooklyn, NY 11217	Full-service flooring firm specializing in hospitality-industry projects. Experienced in antique salvaged woods as well as standard and exotic species.	Free			
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Judson Studios 800-445-8376; Fax: 323-255-8529 www.judsonstudios.com Los Angeles, CA 90042	Studio has designed and manufactured stained and faceted glass and mosaics since 1897. Will work closely with clients to make their projects as successful as they can be.	Free Write in No. 2668				
Keystone Ridge Designs 800-284-8208; Fax: 724-284-1253 www.keystoneridgedesigns.com Butler, PA 16003	Designs and manufactures site furniture, including planters, ash urns, benches, litter receptacles, table & chair sets, bike racks, and bollards. Product material: powder-coated steel.	Free Write in No. 728				
Lake Shore Industries 800-458-0463; Fax: 814-453-4293 www.lsisigns.com Erie, PA 16512						
Leeds Clark Restoration 972-775-3843; Fax: 972-723-8856 www.leedsclark.com Midlothian, TX 76065	Wide range of Main Street restoration services: window replacement/repair, storefront renovations, awnings & cornice work, masonry repair, tuck pointing. Also, inspection, condition assessments, pro-forma cost estimates, workshops.					
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Lynch & Sons, Inc. 203-762-8363; Fax: 203-762-2999 www.klynchandsons.com Wilton, CT 06897	3-762-8363; Fax: 203-762-2999 extensive catalog of fountain designs, w.klynchandsons.com garden ornament, site furniture					
Maine Glass/Therm-O-Lite 888-825-6975; Fax: 847-825-6977 www.maineglass.com Park Ridge, IL 60068	and counterbalanced double-hung. Optimal vinyl, low-profile, energy-efficient custom frames. Consistently approved by preservation societies.					
Maine Millstones 207-633-6091; Fax: 207-633-6095 P.O. Box 228 West Southport, ME 04576	available; also, half-millstones for					
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Titan Site Furniture 800-366-3080; Fax: 978-287-0399 www.AmericanTitan.com Concord, MA 01742	Manufacturer of cast-iron, aluminum, and steel benches, trash receptacles, and banners.	Free Write in No. 8172				
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208 ■ JULY/AUGUST 2001 TRADITIONAL BUILDING ■





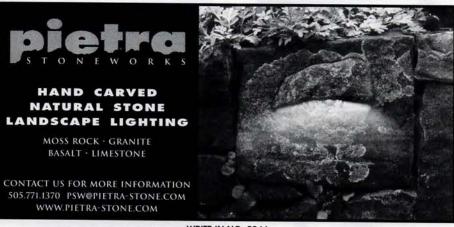
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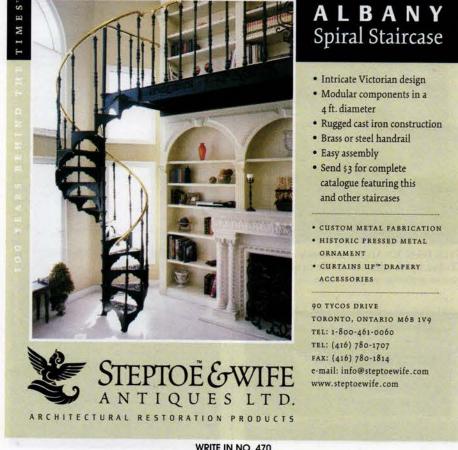
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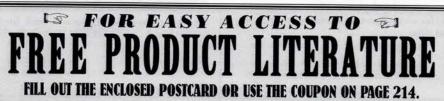
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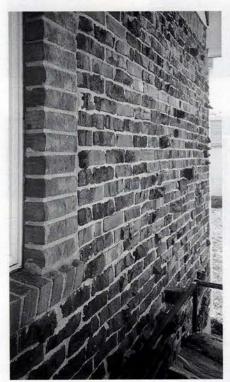


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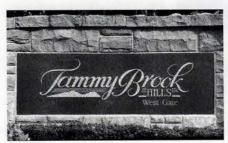
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DALTON PAVILIONS' 21-ft. Williamsburg pagoda is the perfect addition to this picnic area in Germantown Park, Md. Write in No. 350



THE BRICKYARD's authentic antique clinker brick adds character to any interior or exterior wall. Write in No. 3960



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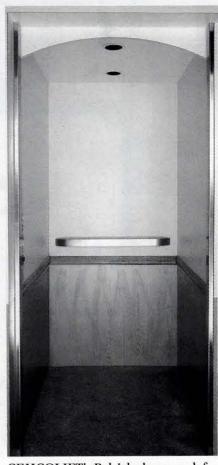
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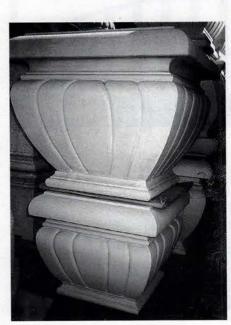
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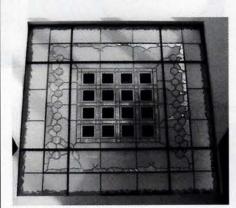
CEMCOLIFT's Raleigh elevator cab features a solid-oak chair rail and faux-wood plastic laminate wall panels. Write in No. 3250



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Complete historic-facade restorations are the specialty of LEEDS CLARK. Write in No. 1950



JUDSON STUDIOS' art-glass window, at the Azusa Pacific University in California, combines antique flashed glass, pressed glass jewels, beveled glass, and dichroic glass. Write in No. 2668



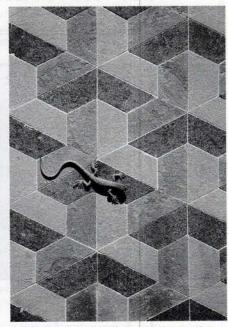
MAINE GLASS/THERM-O-LITE's windows insulate against cold and heat, and cut air infiltration dramatically at a fraction of the cost of replacement windows. Write in No. 634



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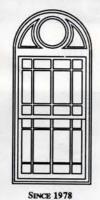
The dry-cast-stone French Vase from NICHOLS BROS. STONEWORKS is available with or without handles. Write in No. 5980



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This handsome footbridge was built for the Alaqua Country Club in Longwood, Fla., by BRIDGE BUILDERS. Write in No. 3991



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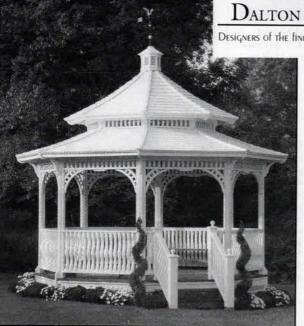
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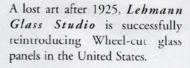


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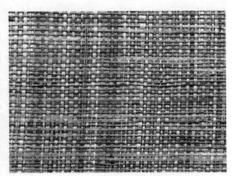
Carved granite millstones from MAINE MILLSTONES are used as features in paving and entrance applications. Write in No. 4440



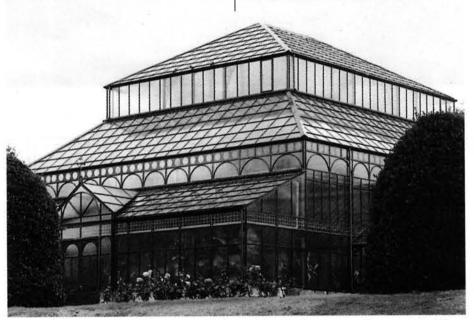
CITY VISIONS/HERITAGE GARDEN HOUSES' Italianate garden house is often used as a kiosk or parking checkpoint. Write in No. 9030



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PRIVATE GARDEN's Victorian-inspired Hartley greenhouses may be customized for virtually any commercial application. Call 800-287-4769 for information



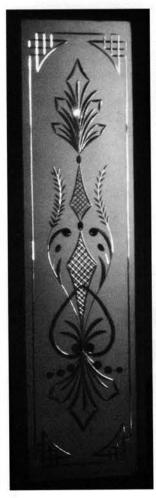
Terra-cotta garden benches and pottery are two specialties of SEIBERT & RICE. Write in $No.\,5500$



VENTANA FINE ART's Rosie Sandifer sculpts figurative works in bronze, such as the "Catch Me If You Can" group seen here, which are often used in public and commercial settings. Write in No. 2596



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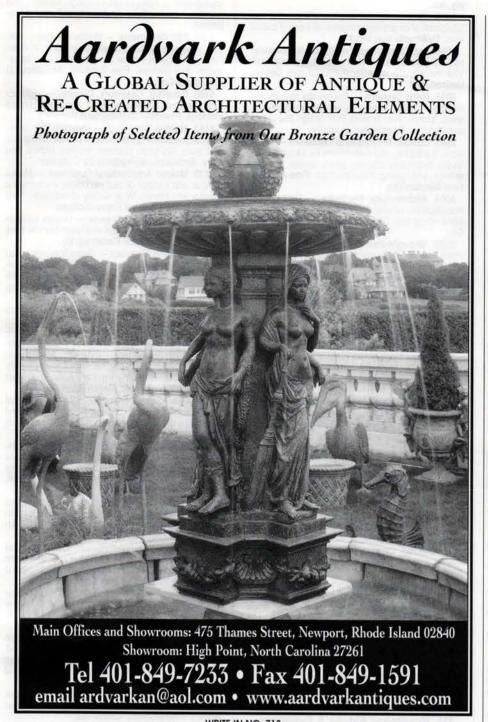
This distinctive pathway light in handcarved stone, with concealed light source, is available from PIETRA STONEWORKS. Write in No. 5044



Terrazzo flooring from DEPAOLI MOSAIC CO. was used for this dining area at the Harvard Medical School in Boston. Write in No. 2320



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5043. Custom Weathervanes — Weathervanes freehand hammered from copper, brass, and stainless steel. Each piece is one of a kind. Weathervane

DOORS, WINDOWS &

HARDWARE

1248. Windows - Restoration, arched, casement, double-hung, and other styles of window. Doors and moldings, also. Accent Architectural Millworks

1265. Historic Restoration Windows — Custom windows and doors with AWI premium-grade con-struction. Replacement and storm and screen sash a specialty. Adams Architectural Wood Products

690. Invisible Storm Windows - Match any window shape or color; removable storm windows available inside- or outside-mounted; screen and glass panels. Fixed, magnetic, sliding, or lift-out styles. Free brochure. Allied Window

540. Door & Cabinet Hardware - Manufacturers of builder's hardware cast in aluminum, with steel or pewter finishes. Free brochure. Architectural Iron Works

1670. Builders Hardware — Door, window, cabinet, and millwork hardware. Cast window pulleys in bronze, brass, or aluminum. Architectural Resource Center

3025. Windows & Entry Systems — Manufacturer of all types of windows, doors, and entry systems for residential and commercial projects. All products are solid timber, made to order. Architectural Windows

8031. Landmark Restoration — French firm specializes in historic-monument restoration, including fabrication of monumental wood windows. Asselin SA Period Doors — Firm supplies custom architec-

tural and reproduction period doors in all wood species. Associated Wood Products

8176. Custom Hardware - Manufacturer of custom cast-metal hardware. Atelier B

2930. Authentic Restoration Hardware — Largest selection of authentic 18th- and 19th-century hardware: hinges, latches, pulls, shutter hardware, and much more. Also, custom work and repairs. Free mini-catalog. Ball & Ball

411. Hand-Crafted Hardware - Made in Europe; unique door & cabinet hardware, cremones, hinge finials, switchplates. Specialist in custom work. Bal-519. MDF Doors - Solid, one-piece MDF doors

available in any design or size, with or without raised moldings. Free literature. Bolection Door

8380. Bronze Hardware — Foundry makes stock and custom architectural hardware for windows and doors, in various metals. Free brochure, Bronze Craft

595. Custom Wood Windows - Double-hung. awning, hopper, pivot, Gothic, and other styles of wood windows. Free brochure. Brothers' Custom Windows & Doors

32. Protective Glazing — Source of art glass — beveled, etched, stained — and protective glazing. Also, doors and windows with quality insulated glass. Calverton Glass

525. Building Entrances - Specialist in restoration and diagnostic surveys for ornamental monumental doors. Free literature. Ciccone & Company

9600. Wood Screen Doors — Available in many styles and any size. Choices of woods includes pine Douglas fir, oak, and mahogany, stained or painted. Free brochure. Coppa Woodworking

6980. Arts & Crafts-Style Hardware - Hand-hammered hardware; copper, bronze, and brass sash lifts; door knobs, handles, and more. Free brochure. Craftsmen Hardware Co.

432. Historic Hardware — Door, window, cabinet, transom, and specialty hardware in period styles including Victorian, Arts & Crafts, Colonial, and Art Deco. Crown City Hardware

109. Overhead Garage Doors — Carriage- and vintage-style garage doors with overhead door operators. Also, matching entry doors. Designer Doors,

Replacement Sash — Any size or layout: circle. oval, round-top, Gothic. Sash or complete window unit. Custom moldings, doors, and millwork to specs. Call 570-788-1145. **Drums Sash & Door** 8022. Wood Windows & Doors - Manufacturer of

custom all-wood windows and doors. Windows available with true divided lites, unusual muntin patterns, and choice of weatherstripping. Enjo Architectural Millwork

2540. Hardware — Locks, hinges, escutcheons, pulls, pendants, and even decorative nails. Free brochure. Gerber Hinge Co.

115. Imported Hardware - Iron, brass, and bronze hardware; many rustic styles. Golden Lion, Inc. 1910. Custom & Historic Reproduction Windows

 Styles include Prairie and leaded-glass windows. Commercial and residential work. Grabill Fine Wood Windows and Doors

286. Hardware & Consulting — Distributors of door and window hardware with professional hardware consultants and specification writers on staff; also, commercial washroom specialties. H.T. Sales

6640. Traditional Garage Doors - Specialists in custom wood garage doors. Free brochure. Hahn's Woodworking, Inc.

3570. Custom Doors & Entryways — Circular moldings for interior or exterior applications. Also, historic restoration work. Free brochure. **Hendricks** Woodworking 1350. Wood Doors - Interior and exterior doors in

Honduran mahogany and red oak. Heritage Door

8168. Steel Windows & Doors — Source of steel windows and doors; also, replacement hardware. Hope's Landmark Products 4830. Custom Aluminum Windows - Specializes

in new and replacement aluminum windows for churches; custom windows for stained and leaded glass. J. Sussman, Inc.

1240. Shutter Hardware — Specialist in shutter hinges, shutter dogs (holdbacks), shutter bolts, and shutter ring pulls. Free literature. James Peters & Son 8158. Gates and Doors - Maker of fiberglass gates and doors in a range of designs, from authentic reproductions to modern designs. **Kaylien, Inc.**

Custom-Forged Hardware — Full-service blacksmithing shop custom-produces hardware, fire-place tools, etc. Repair and restoration specialists. For catalog or details, call 828-667-8868. Kayne & Son

4574. Screen Doors — Traditional wood screen doors are custom-crafted in Honduras mahogany. Kingsland Co.

4573. Custom Wood Doors & Entries — Custom designs in Honduras Mahogany; full range of glazing options, including art glass and insulated glass. Kingsland Co.

1930. Restoration & Repair — Wood and metal window repair, Main St. restoration services, condition assessment, and more. Leeds Clark Restoration

8005. Entryway Doors — Custom entryway doors made of charred steelbrushed alder with bronze masks of Demetra and Hercules and bronze escutcheons. Mahlia Collection

634. Insulating Storm Windows — Distributors of Therm-O-Lite windows. Maine Glass/Therm-O-Lite

9210. Custom Windows & Doors — Architectural millwork shop specializes in custom windows and doors for restoration and new construction. Michael Reilly Design

pulls, knobs, furniture, and cabinetry hardware in styles including Victorian, Art Nouveau, and Art Deco. Notting Hill Decorative Hardware 5110. Pintles, Hinges & Shutter Holdbacks -

319. Pewter & Bronze Hardware — Decorative

Forged hardware with forge or painted finishes. Old **Smithy Shop** 1520. Hardware Maker & Metal Fabricator - Spe-

cialists in cast-bronze hardware and hot-forged, handwrought iron. Fabrications include doors, gates, staircases, and lighting. Free brochure. Patten De-

6001. Traditional Window & Door Hardware -High-end, high-quality door & window hardware, including pulleys and weights, is manufactured to precision specs. Free brochure. Phelps Company

8178. Wood Doors - Firm offers standard- and custom-designed wood entry-door systems and paint-grade interior doors. **Phoenix Door Mfg.**

7720. Solid Bronze & Brass Hardware bath, and cabinet hardware; some with hand-applied patinas. Free brochure. Rocky Mountain Hardware 1095. Architectural Wood Doors - Hand-assembled all-wood panel doors are custom-built to client's

specs from standard designs, or built to drawings. Free Brochure. Somerset Door & Column 9200. Window Hardware — Cast Victorian drapery hardware recaptures the elegance of 19th-century window treatments. Free brochure. Steptoe & Wife.

136. Architectural Hardware - Bronze foundry specializes in door, window, and cabinet hardware: custom manufacturing available; in-house design and prototyping. Sun Valley Bronze 5720. Doors — Doors for restoration; custom

molded profiles; beveled, stained, and etched glass. **Sun-Dor Company**

8167. Wood Doors & Windows - Manufacturer of

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■ TRADITIONAL BUILDING

wood doors and windows; can also duplicate existing work for residential or commercial applications. Versatile Sash & Woodworking

FLOORS, WALLS, CEILINGS,

& MOLDED ORNAMENT

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1320. Antique Wood Flooring — Premium-quality flooring from recycled first-growth woods including chestnut, oak, heart pine, poplar, and more. Free brochure. Aged Woods, Inc.

5306. Conservation Services — Studio conserves and restores art and architectural members. Also, original art, murals, and historic renovation. Albert Michaels Conservation

70. Solid Wood Registers — Ten standard sizes, a variety of species, and adjustable damper systems. Free brochure. All American Wood Register Co.

8032. Custom Historical Tile — Source of custom historical tile, including encaustics, custom mosaics and kitchen and bath tile. Also, custom matching of glazed and unglazed tile. American Restoration Tile,

75. Liquid Rubber - Molding materials of liquid rubber. Free brochure. Polycreation Corp.

79. Artistic Interiors — Full-service decorative arts studio provides a full range of traditional decorative and faux finishes and ornament for commercial & residential projects. Artistic Interiors

8230. Arts & Crafts Fabrics - Reproduction or custom-designed textiles: yardage, curtains, pillows, bedspreads, table linens, and scarves. Free brochure. Arts & Crafts Period Textiles

8000. Antique Flooring & Beams — Chestnut, oak, and pine from resawn material; flooring, beams, paneling, molding, and wainscoting. Authentic Wood Floors, Inc.

3162. Molded Ornament - Supplier of custommolded ornament and original sculpture for commercial and residential applications. Also, restoration work. Buffalo Plastering

5580. Custom Wood Flooring — Paneling and flooring in species including white pine, red oak, heart pine, Southern yellow pine, and cherry. Free brochure. Carlisle Restoration Lumber

190. Tin Ceilings — 18 patterns of tin ceilings for Victorian homes and commercial interiors. Designs from Victorian to Art Deco. Several exclusive patterns; cornices in 4-ft. lengths. Free brochure. Chelsea Decorative Metal Co.

8780. Antique Wood Flooring — Original antique and remilled flooring from antique recycled lumber, in chestnut, oak, white pine, yellow pine, and sugar pine. **Chestnut Specialists**

2400. Metal Ceilings — Extensive line of tin ceilings and trim with a Class-A fire rating. Also, polyurethane moldings and medallions. Free brochure. Classic Ceilings

2522. Classic Plasterwork — Studio designs manufactures, and installs plaster ornament as well as providing finishing painting. Classic Plaster Studios

8040. Decorative Commercial Interiors — Restoration and custom work for theaters, religious buildings, etc. Painting, plasterwork, glass work. Free brochure. Conrad Schmitt Studios

3081. Tile & Carved Stone — Antiqued limestone and marble, exotic slates, hand-painted ceramics, stone countertops, and more. Country Flair Tiles

2320. Terrazzo — Terrazzo and seamless compo sition-flooring installations throughout New England. Free brochure. DePaoli Mosaic Co.

210. Molded Ornament — Huge selection of molded ornament in plaster and compo. Wide variety of historical styles. Wood mantels also. Free brochure. **Decorators Supply**

2591. Ceramic Tile - Source of ceramic tile for commercial and residential applications. Design Works

250. Historic Tiles — For fireplaces, kitchens, or bath: coordinated borders and patterns in any size. Victorian, Neoclassic, De Morgan, Art Nouveau, Arts & Crafts, and more. Period pavers. Colorful catalog. Designs In Tile

5045. Mural Artist — Fantasy murals, historical decorations, trompe l'oeil, and the design and decoration of furniture and luxury packaging. Artist travels internationally for private and corporate clients. Michael Dillon

112. Resawn Planks & Beams — Flooring, paneling, and custom millwork from recycled timbers, shipped nationwide. **Duluth Timber Co.** 1980. Gold-Leaf Products - Genuine and imita-

tion gold-leaf materials for interior and exterior uses. Free brochure. Easy Leaf Products

2950. Ceiling Systems - Stock and custom flat or barrel vaults designed for installation in a standard grid. Also, lay-in or nail-up ceilings. Free brochure. Entol Industries, Inc.

2460. Historic Painting — Major studio with extensive restoration and original design experience. Services range from research and analysis to trompe l'oeil, graining, and gilding. Free literature. Ever Greene Painting Studios

2678. Historic Plasterwork — Decorative-painting experts also specialize in ornamental plasterwork, scagliola, and sgraffito, as well as conservation work. **EverGreene Painting Studios**

4690. Faux-Finishing Products — Manufacturer/supplier of water-based decorative and faux products. Also offers classes. Free brochure. Faux

1327. Terra Cotta — Handmade tiles using press, mold, slip, and majolica methods. Liners, relief-carved tile. Custom work available. Feature Tile

2890. Molded Ornament - Fine period & custom ornament: cornices, medallions, sculpture, niches, capitals, brackets, domes. 2,300 antique molds available. Routinely handles large jobs. Free catalog. Felber Ornamental Plastering

1960. Plaster Ornament - Hundreds of ornaments in fiber-reinforced plaster from Turn-of-the-Century molds. Also, custom duplication of ornament from your sample. Free flyer. Fischer & Jirouch Co.

4900. Flexible Molding — Also, rigid moldings, spot decorations, and simulated wood carvings for furni-

ture, etc. Custom reproductions in polymers & polyesters available. Free brochure. Flex Moulding, Inc.

8045. Ornamental Molded Gypsum Products Cornice moldings, pilasters, column capitals, medallions, and a wide range of molded gypsum products. Georgia-Pacific / GP Gypsum

8980. Gilded Domes — Exterior and interior gilding and copper-patination projects nationally and overseas. Also, steeplejack services. Free brochure. Gilders' Studio, Inc.

2653. Metallic Powders - Source of metallic powders and pearlescent, mica, and irridescent pigments, to re-create any existing color or look of precious metals. Gold Leaf & Metalic Powders

802. Ornament & Ceiling Elements — Plaster ceiling medallions, niches, moldings, coffers, and more. Stock and custom work. Free brochure. Hyde Park Fine Art of Mouldings

1349. Preservation & Conservation — Firm specializes in plaster preservation and the conservation of landmarks. **Iconoplast Studios**

9510. Interior Finish Work — Faux finishing, decorative plasterwork, decorative painting, and all aspects of historic interior work, as well as custom contemporary work. Free brochure. Intl. Fine Art Conservation

5100. Decorative Painting — Headed by a European-trained master painter, this studio does major projects all across the country. Restoration a specialty, but also executes new commissions. Free brochure. John Canning & Co., Ltd.

4910. Historic Pigments — Recreate the exact look of historic finishes through the use of authentic earth pigments and colors. Kremer Pigments

5000. Modeling, Moldmaking & Casting — Custom replication of terra cotta, stone, and plaster. Dutchman repairs. Field molds taken. Landmark Studios 810. Interior & Exterior Gold Leaf — Gold leaf for

interior and exterior gilding. Also, silver leaf, gold size, tools, and imitation gold leaf. Free brochure. **Leo** Uhlfelder Co.

24. Ceramic Tile - Raised-relief and silkscreened tiles in 150 color finishes, for bathrooms, kitchens, fireplaces, door frames, foyers, and garden rooms. Special edges and custom designs available. M.E.

703. Architectural Elements - Cornices, balustrades, columns, capitals, brackets, and more in polymers and cast stone. Manor Style, Inc.

2537. Plaster Ceilings — Ceilings cast in panels for easy installation; no detail work or painting necessary. Custom and stock designs available. Master Of Plaster Finishing Systems

55. Bamboo Flooring & Veneer — "Bamtex" flooring features interesting natural blond patterns, durability, and the hardness of hard maple. Product can be used for fine cabinetry, too. Mintec Corp.

7640. Decorative Painting & Restoration -Trompe l'oeil, glazing, mural painting, and restoration services that include renewing scagliola and painted surfaces. Free brochure. **Modeworks**, **Inc.**

7140. Heart Pine Flooring — Floors and paneling from timbers and beams salvaged from old buildings. Other species include antique American chestnut and Antique French oak. Free brochure. Mountain Lumber Company

861. Ornamental Metal Ceilings — Sheetmetal contractor with national restoration experience has expertise in design & installation of ornamental metal ceilings on commercial & institutional projects. NIKO Contracting

570. Tile & Ceramics — Custom tile & glazes. Also Batchelder and Malibu tile reproductions. 10 years' experience. Free brochure. **Native Tile and Ceram**-

2662. Decorative-Painting Schemes — Specialist in documenting and restoring decorative painting. Also offers faux techniques; decorative-plaster repair and replication; mural and fine-arts conservation. New Mil-

793. Ceramic Tile — Custom color matching and reproductions of antique tile; new tile designs, including Arts & Crafts-influenced relief tile. Free brochure. North Prairie Tileworks

5880. True Milk Paint — Eight colors of milk paint, including barn red, mustard, and Federal blue. Mix with water. Old Fashioned Milk Paint Co.

Fine Architectural Ornament — Major source for columns, carvings, mantels, balustrades, polymer millwork, and custom millwork. Pacific Columns

6360. Moldmaking & Casting Materials — Rubbers for flexible molds — brush-on or pourable. Fast durable molds for plaster, cements, and resins. Variety of casting resins. Polytek Development Corp.

58. Moldmaking Materials - Liquid urethanes and silicones for flexible molds and cast parts. High-quality reproductions. Free brochure. Precision Converting

325. Custom Ceiling Domes — Any size ceiling domes, including plaster shells and fully-finished domes; finishing options include coffered wood, prewired lighting, faux finishes, and murals. Renaissance Ceiling Domes

791. Silicones for Moldmaking — Two-part compounds for reproductions and moldmaking. Free brochure. Rhodia VSI Silicones

4630. Faux Finishing — Company sells water-based products, offers workshops, and accepts decorative painting and finishing commissions. Free brochure. Ritins Studio, Inc.

2980. Plaster Conservation — Restoration using traditional techniques and modern consolidants. Also, custom enrichment for new construction. Free brochure. Rory Brennan

6591. Bamboo Flooring & Thatch - Flooring and fencing made from bamboo is attractive, durable, and an earth-friendly choice. Safari Thatch & Bamboo

2880. Gold-Leaf Supplies — Gold leaf in booklets or rolls, oil sizes, Kolner burnishing clays for water gilding, imitation gold & aluminum leaves & rolls. Free brochure. Sepp Leaf Products

650. Architectural Molding Materials — Molding compounds can be used on-site, and are readily pourable or brushable for painting onto vertical surfaces. Free brochure. Smooth-On

8450. Polymer Ceiling Tiles — Resemble tin ceilings, and fit into a suspended-grid system. Various colors and patterns available. Free brochure. Snelling's Thermo-Vac, Inc.

9201. Pressed Metal Ceilings — Ornamental metal specialist designs and installs a wide range of sheetprojects. Steptoe & Wife

metal ceilings on both commercial and residential

5620. Patinas & Chemicals — Chemicals for the coloring of metals. Large selection of colors available. Free literature. **Sur-Fin Chemicals**

2490. Gilding Materials — 100-year-old company specializes in gold and silver leaf; used in historic restoration and decoration. Available in surface, glass, patent, and roll gold forms. Free brochure. Swift &

2790. Custom Ceramics — for historic restoration, hearths, church work, and more. Relief tiles, mosaics, murals, and one-of-a-kind designs. Free brochure. Terra Designs

2847. Glazed Tile - Ceramic tile with unique glazes. Original designs inspired by ancient and Old World art. Terra Firma

922. Venetian Plaster — Architectural surfaces and surfacing processes. Also, workshops on these techniques, including Venetian plaster. The TexSton

Tilemakers Association — Trade association of domestic ceramic-tile and accessory manufactur-ers. Publishes "Handbook For Ceramic Tile Installation." Tests and develops new products. Tile Council of America

2846. Encaustic Tile - Floor and wall tile, including genuine encaustics and reproduction encaustic tile, in a wide range of authentic Victorian styles. Tile Source

2221. Decorative-Painting Studio — Specialist in restoring and preserving architectural elements and faux finishes. Also: gold leafing, murals, woodgraining, and marbleizing. **Touch's Of Illusions**

520. Sheetmetal Ceilings & Ornament — Richly ornamented metal ceilings, from original Turn-of-the-Century dies. Also, exterior cornices and hundreds of sheetmetal ornaments. Free catalog. W.F. Norman

399. Metal Leaf Products — Gold leaf, silver leaf, aluminum leaf, and other gilding products and supplies; from Germany, Italy, and the U.S. W.H. Coe,

8900. Gold & Silver Leaf — Gilding supplies, gold, silver, and imitation leaf, available in packs, rolls, or books. Free brochure. Wehrung & Billmeier

1633. Polyurethane Moldings - Cornice moldings, niches, and ceiling medallions in traditional styles are crafted in strong, lightweight high-density polyure-thane. Worthington Group

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790. Wood & Metal Cupolas - Complete selection of cupolas from painted white pine, redwood, red cedar, or metal with pagoda, bell, or hip roofs. Allen Cupolas

8155. Reproduction Mantels — Firm specializes in reproducing fireplace mantels. American Period De-

5032. Cupolas, Belfries, Steeples — Shop specializes in custom cupolas, belfries, and steeples. Also, solid-redwood predrilled lamp posts with handmade copper lanters; weathervanes, finials, and cresting in copper. Architectural Accents

21. Custom Mantels — Source of custom fireplace mantels. Architectural Heritage

3161. Weathervanes & Cupolas - Firm has produced hand-crafted cupolas and weathervanes since 1969. Bar Harbor Weathrevanes & Cupolas 3230. Bird and Pest Repellants - Non-toxic

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The classic Rumford fireplace is ideal for new construction: old fireboxes can also be converted. Free brochure. Buckley Rumford Fireplace Co. 2524. Foamed-Styrene Moldings — Firm supplies

lightweight, flexible "TrimRoc" moldings in many profiles for interior or exterior use; quick turnaround on custom shapes. Canamould Moldings

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chined flagstaff holders are precision-engineered for a variety of applications and mounting surfaces. Free brochure. Chaenomeles, Inc.

850. Hand-Carved Fireplaces — Also, moldings, columns, fountains, and other architectural elements. Chiarini Marble & Stone

1760. Cast-Iron Firebacks - Hand-cast from original designs dating to Colonial period. Pieces are not only decorative, but also prevent deterioration of fire-box. Prices range from \$75 to \$400. Free brochure. Country Iron Foundry

107. Weathervanes, Cupolas, & Finials - Extensive catalog with a large selection of weathervanes and roof ornament; custom design and crafting available. Crosswinds Gallery 9100. Carved-Stone Mantels - Skilled carvers

and sculptors create statuary, ornament, mantels, entrances, and architectural moldings. Reproductions in marble, limestone, or bronze. Free brochure. **DMS** Studios

4290. Flagpoles, Weathervanes & Cupolas — More than 50 stock weathervanes, with custom designs available. Free brochure. Eder Flagpole Com-

8164. Mantels — Firm offers prefab mantels and hearth pads for a variety of applications, commercial and residential. Evergreen Mantels

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297. English Fireplaces & Accessories — Tiles, cast-iron inserts, mantels, and electric fireplaces made in England. Fires of Tradition 8174. Hand-Crafted Mantels — Custom mantels

hand-crafted from solid hardwoods; custom- or ground-shipped unfinished and ready for paint or stain. Also, precast mantels. Forshaw of St. Louis

444. Fireplace Inserts — "Grate Fires" fireplace inserts with authentic English fire basket grates. Propane gas conversion kits available for some models. **Grate Fires**

5530. Plaques & Signs — Foundry has cast-aluminum and cast-bronze plaques, National Register plaques, and custom tablets. Healy Brothers Foun-

337. Gas Firebaskets — English firebaskets with gas coals and gas logs; handmade of solid brass, cast iron, and polished steel. **Homefires**

8730. Historic Markers & Castings — Many patterns and styles to choose from in cast aluminum and cast bronze. Also, custom ornamental castings. Free literature. Lake Shore Industries

5390. Architectural Mantels - French tradition, from Gothic to contemporary. Products include fountains, columns, moldings, benches, etc. Free brochure. Limestone Concept

8750. Stock & Custom Mantels — Line of mantels that can be customized; also, columns, stair and porch systems. Free brochure. **Millwork Store**

370. Pigeon Control - Get rid of bird pests with inconspicuous stainless-steel needles that eliminate roosts — without harming the building. Humane and practical. Free flyer. Nixalite

314. Custom-Built Mantels - Hardwood mantels and overmantels; options include woodcarving, inlays, custom moldings. **Old Mill Mantels** 282. Cast-Stone Mantels — New line of fireplace

mantels; technical assistance for installations. Old World Stoneworks 8177. Wood Mantels - Wood mantels in a wide variety of styles; custom work available. Also, mantel

shelves. Premier Mantles 7580. Fireplace/Stoves — Freestanding, energyefficient, wood-burning stoves in 7 colors, with see-through door option. Free brochure. Rais and Wittus,

1304. Gas-Log Sets — Custom gas-log sets for large fireplaces, Rumfords a specialty. Free brochure. Rasmussen, The Gas Log Co.

74. Sculpted Weathervanes — Studio produces sculpted weathervanes for a variety of applications. SkyArt Studios

9067. Cast-Stone Mantels - That look and feel like cut limestone. Free brochure. Stone Magic Mfg.

2829. Club Fenders - Fireplace accessories, including andirons, grates, and club fenders. Free brochure. Stone Mfg. Co.

29. Fireplace Mantels — Firm supplies in-stock, cast-stone fireplace mantels, adaptable to designs at any scale. Custom work available. Tartaruga Design, 2834. Club Fenders — Elegant custom club fend-

ers in the English style. Free brochure. Throwleigh Club Fenders **8121. "Blue Plaques"** — Supplier of London's famous "Blue Plaques," 20-in.-diameter historic markers, in frostproof Staffordshire porcelain. **Tile Source**

3940. One-Of-A-Kind Weathervanes - Full and 3/4-bodied repousse vanes. 23-k gold leaf optional. Free brochure. **Travis Tuck**, **Metal Sculptor**

1337. Metalwork & Stone Plaques — Specializes in the restoration of statuary, bronzes, and antiques. Also, custom stone engraving, signage, and garden elements. Written in Stone

SCULPTURE, ART GLASS, MURALS & FURNISHINGS

3157. Western-Style Casework — Woodworking studio produces primitive and Western furniture and casework; also religious sculpture carved in wood. Alpha Omega

8122. Statuary — Studio produces carved stone and sculpture. Angelo Stone Company 902. Murals - Venetian mosaics, murals, and art-

works. Also, interior-lighting design services. Architectural Features **4590. Architectural Casting** — Cast-plaster sculpture and other architectural elements, including interior

cornices, capitals, wall plaques, and ornamentation. Free brochure. Architectural Sculpture & Restorations, Ltd. 2510. Custom Art Glass - Hand-beveled-,

stained-, and etched-glass windows, screens, and tables for residential and commercial installations. Free literature. Art Glass of the South 1009. Carved Architectural Elements — Can rep-

licate carving and sculpture, garden elements in any material and size. Free brochure. B&H Art in Archi-8001. Art-Glass Studio - Studio provides stained-, beveled-, and faceted-glass work. New commissions, mosaic restoration, museum conservation, protective

glazing. Botti Studio of Architectural Arts 7760. Trompe L'Oeil Specialists - Murals, screens, paintings, and objects. Traditional works to multi-media installations. Free brochure. Christian

Thee & Assoc. 237. Forged Furniture and Accessories - Handforged beds, tables, lamps, and other furnishings for hotels, lobbies, commercial and residential spaces.

Christopher Thomson Ironworks 8173. Faux Painting — Decorative-painting studio specializes in faux painting and murals. Creative Faux & Painting

3165. Mural Artist - Mural specialist works worldwide, creating site-specific paintings for individuals and corporations. Elizabeth Thompson

1312. Mosaics & Tiles — Studio creates figurative and naturalistic mosaics in semi-precious stone, marble and grainte, smalti, and ceramic. Also, ceramic tile; mosaic tabletops. Equipment Of Culture

2527. Trompe L'Oeil Murals — Studio specializes trompe l'oeil murals for the hospitality market. Guided Imagery

2668. Stained Glass — Studio designs, fabricates, and installs stained glass; also provides repair and restoration services. Judson Studios 1267. Glass Dome Ceilings — Specialists in making art glass dome ceilings with top-quality steel

frames. Larry Etzen Studio 4730. Wheel-Cut Art Glass — Custom wheel-cut

glass for residential and commercial interiors. Free brochure. Lehmann Studios 1034. Ornament & Sculpture — Firm designs interior and exterior artwork in metal, wood, and a variety

of other materials. LepoWorks, Inc. 726. Western Style - Casework and furnishings in the Western style for high-end residential, commercial, and contract furnishing markets. New West Furniture

26. Decorative-Arts Studio — Studio specializes in decorative painting and the creation of murals. Off

26. Decorative-Arts Studio — Studio specializes in decorative painting and the creation of murals. Off The Wall Murals & Decorative Arts
27. Decorative Painting — Studio produces interior and exterior decorative painting and murals. Also

27. Decorative Painting — Studio produces interior and exterior decorative painting and murals. Also manufactures custom wallcoverings. Services include gilding, lettering, sculpture and frame reproductions. Optic Nerve Art Corp.

208. Interior & Exterior Murals — Studio can create and install large-scale murals and trompe l'oeil in exterior and interior settings; exterior murals use Keim paints. G. Byron Peck Studios

251. Murals & Trompe L'Oeil — Muralist works with designers and clients to create murals for public, corporate, and private spaces. Free brochure. Pugh Painting Studios

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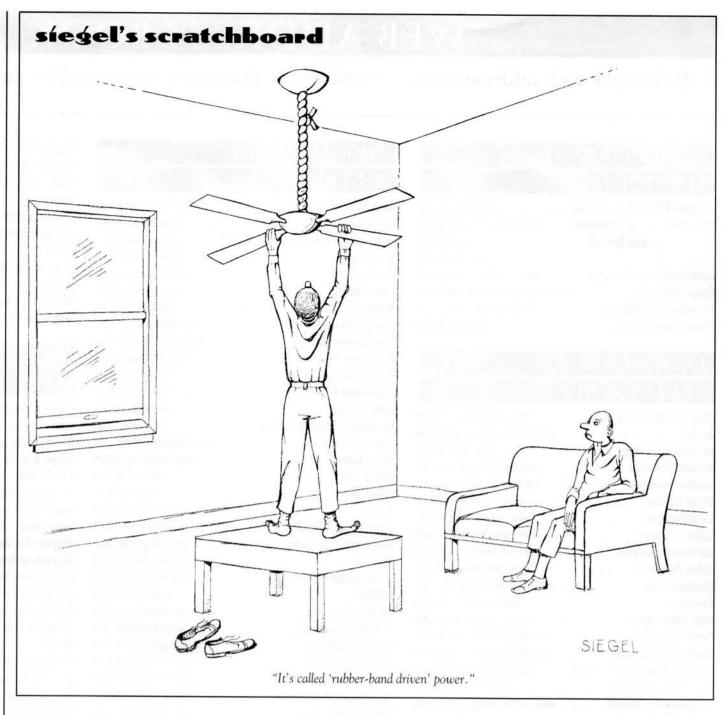
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Brosamer's Bells	www.brosamersbells.com
Buckley Rumford Fireplace Co	www.rumford.com
Central Fireplace	www.centralfireplace.com
Chiarini Marble & Stone	www.chiarini-marble.com
Classic Plaster Studios	www.clasplas.com
Crosswinds Gallery	www.netvanes.com
Designs in Tile	www.designsintile.com
DHS Designs	www.dhsdesigns.com
DMS Studios	www.dms-studios.com
Eder Flagpole Co	www.ederflag.com
Fires of Tradition	www.firesoftradition.com
Forshaw of St. Louis	www.forshawmantels.com
Grate Fires	www.gratefires.com
Homefires	www.homefiresusa.com
Lake Shore Industries	www.lsisigns.com
Limestone Concept	www.limestoneconcept.com
Nixalite of America	www.nixalite.com
Old Mill Mantels	www.oldmillmantels.com
Old World Stoneworks	www.oldworldstoneworks.com
Premier Mantles	www.premiermantles.com
Rais & Wittus Inc	www.raiswittus.com
Rasmussen, The Gas Log Co	www.riwinc.com
Slate and Copper Sales Co	www.slateandcopper.com
Stone Magic Mfg	www.stonemagic.com
Stone Mfg. Co	www.stonemfg.com
Tartaruga Design Inc	www.tartarugadesign.com
Travis Tuck, Metal Sculptor	www.travistuck.com
Weathervane Sculpture	www.weathervanesculpture.com
Wine Cellar Innovations	www.winecellarinnovations.com

ART GLASS, SCULPTURE,

FURNISHINGS

Alpha Omega Western	Fı	Jri	nis	hi	ing	qs				www.alpha-omegawf.com
Architectural Archive .										www.a-archive.com
Botti Studio of Architect	tu	ra	1/	١	ts					www.bottistudio.com
Elizabeth Thompson .					w	w	N.	el	izo	beththompsonstudios.com
Fine Wine Rack & Cella	r	Co								www.paulwyatt.com
Judson Studios										. www.judsonstudios.com
Lehmann Glass Studio									07	. www.lehmannglass.com
LepoWorks										www.lepoworks.com
New West Furniture .										www.newwest.com
Pugh Painting Studio .										www.artofjohnpugh.com
Ventana Fine Art										www.ventanafineart.com

ELEVATORS, LIFTS, DUMBWAITERS

CemcoLift Elevator Systems www.cemcolift.com

BATHROOM FIXTURES

& ACCESSORIES

Bathroom Mac	hii	ne	rie	es,	E,	4					www.deabath.com
Ginger/GUSA											www.gingerco.com
Kolson									2		. www.kolson.com

LIGHTING FIXTURES, FANS, ELECTRICAL

AAMSCO Lighting www.aamsco.com	
Aladdin Light Lift	11
Arte De Mexico	
Authoratic Designs	П
Authentic Designs www.authentic-designs.com	n
Ball & Ball Lighting www.ballandball-us.com	n
Bevolo Gas & Electric Lights www.bevolo.com	n
Brass Light Gallery www.brasslight.com	n
Capital Lighting & Restaration www.capitallighting.com	n
Casa di Murano www.casadimurano.con Christopher Thomson Ironworks www.christhomsoniron.con	1
Christopher Thomson Ironworks www.christhomsoniron.com	n
Classic Accents www.classicaccents.ne	t
Conant Custom Brass www.conantcustombrass.com	n
Concord Lighting Co www.concordlighting.con	n
Copper House www.thecopperhouse.com	n
Derek Marshall Lighting www.derekmarshall.com	n
Dreamscape Lighting www.dreamscapelighting.com	n
East Coast Lightning Equipment www.eastcoastlightning.com	n
Elcanco www.elcanco.com	1
Fanimation www.fanimation.com	1
G Lighting www.glighting.com	1
Handelman Studios www.stevenhandelmanstudios.com	1
Hanover Lantern www.hanoverlantern.com	1
Herwig Lighting www.herwig.com	1
Hinkley Lighting www.hinkleylighting.com	1
Historical Arts & Casting www.historicalarts.com	•
Johnson Art Studio www.johnsonartstudio.com	
Kim Lighting www.kimlighting.com	'
King's Chandelier Co	
King's Chandelier Co www.chandelier.com Lighting by Hammerworks www.hammerworks.com	
Lights Of Distinction/Crystorama www.crystorama.com	
Loehr Lightning Protection www.loehrlightning.com	
Luminaria Lighting www.luminarialighting.com	
Now York Cas Lighting Co www.luminarialigning.com	
New York Gas Lighting Co www.newyorkgaslighting.com	l
Newstamp Lighting Co www.newstamplighting.com	1
Olde Mill Lighting Ltd www.oldemilllighting.com	1
Original Cast Lighting	l
Penrose home.att.net/~penrose	
Period Lighting Fixtures www.periodlighting.com	l
Regency Ceiling Fans www.regencyfan.com	1
Rejuvenation www.rejuvenation.com	
Roy Electric Co www.westfieldnj.com/roy	
Roy Electric Co www.westfieldnj.com/roy Shelburne Lighting & Metal Crafts www.shelburnelighting.com	
Victorian Lighting Works www.vlworks.com	
Wilshire Manufacturing Co www.wilshiremfg.com	1000
Woolen Mill Fan Co www.architecturalfans.com	0

ARCHITECTURAL ANTIQUES & SALVAGED BUILDING MATERIALS

Aardvark Antiques www.aardvarkantiques.com
America Heart Pine www.americaheartpine.com
Andy Thornton Architectural Antiques www.andythorntonltd.co.uk
Architectural Antiques Exchange . www.architecturalantiques.com
Architectural Antiquities www.archantiquities.com
Architectural Artifacts www.architecturalartifacts.com
Brandt, Sylvan www.sylvanbrandt.com
Country Road Associates www.countryroadassociates.com
Great Gatsby's www.gatsbys.com
Minchinhampton Architectural Salvage Co www.catbrain.com
Olde Good Things www.oldegoodthings.com
Pioneer Millworks www.pioneermillworks.com
Timber & Stone Restorations www.timberandstone.com



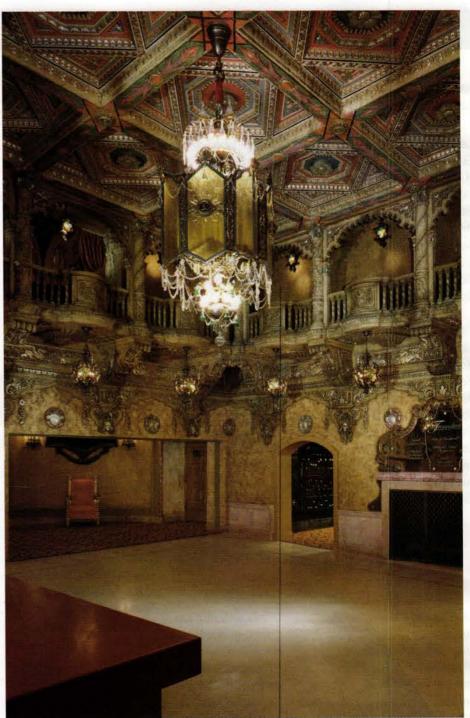
room for the needs of the theatre and the arts center.

Another interesting aspect of the restoration was the exact replication of the "Manager's Apartment" located directly above the marquee. Photographer Hedrick Blessing of Chicago assisted with the restoration of the Coronado's home within the theatre. The Manager had a great sense of style and had completely decorated the apartment in Art Moderne during the late 1940s. Archival photos survived to assist the restoration. This apartment has become available for intimate post-theater gatherings and is at one end of a third-floor lobby hall which is also used for receptions.

The amazing force behind this astonishing renovation and adaptive-reuse project was the Friends of the Coronado, a committee of resolute community arts leaders who launched a 7-million-dollar capital campaign. The city of Rockford matched this sum with privately raised funds, successfully bringing about this unusual project. In January of 2001 the historic Coronado Theatre re-opened its doors to the public. Theatre-going in Rockford, Ill., is once again an extraordinary experience.



This detail photograph shows the "tiara" of the Coronado. Originally, very little of the budget was allocated for this significant portion of the historic entrance. However, towards the end of construction, funds came through which provided for the cast-stone ornament to be molded by Architectural Polymers of Allentown, Pa. Cary Concrete of Cary, Ill., contracted the renovation of the Coronado's concrete ornamentation, to be completed in three phases over a six-month period. Hand-drawn plans and a 75-year-old photograph were used for reference. Employing computer-aided software, Architectural Polymers then designed models that fit together to accommodate the modern structural improvements. In the second phase, huge models were built for the molding process, some of which were carved by hand to allow for the complex angles and radii. The third phase, including matching the original concrete, was carried out by J&R Slaw, Inc., of Bowmanstown, Pa., an architectural precast-concrete firm that managed the final phase.



The elegant downstairs lobby with its refurbished coffered ceiling has been enlarged to accommodate more public amenities and concessions, as well as the box office, box-office lobby, and a new stair. The theatre, now up to standardized codes, is accessible to all.



Here we see the exterior of the restored Coronado from across Main Street. Directly behind the Marqee on the third floor is the "Manager's Apartment," now restored with its Art Moderne interior and used as the theatre's archive as well as for small gatherings. To the right of the marquee is the restored Art Deco facade of the Jackson Piano Building, which is now incorporated into the expanded theatre design, and also houses a community arts center. The expansion and preservation of the Coronado took 18 months. The grand re-opening took place in January, 2001.

During its heyday, The Club successfully attracted members from prominent leaders in finance, government, and the sciences. The majority of the club buildings were designed by Charles Gifford who was associated with the New York firm of McKim, Mead and White. Several cottages were built in the vicinity of The Club, including, in 1905, the Shrady cottage, which was renamed Cherokee Cottage for the cherokee roses that grew in the original gardens. This classical Italian Renaissance house with its low-pitched, hipped roof covered by ceramic tiles was built for Dr. and Mrs. George Shrady of New York. At the time, Dr. Shrady was one of the foremost surgeons in the country.

Crane Cottage was built in 1917 by Richard Teller Crane, Jr., heir to the Crane plumbing fortune of Chicago. The house was designed by renowned Chicago architects David Adler and Henry C. Dangler. Of the two, Adler was the most closely associated with the design of the Crane Cottage. The house resembles an Italian Renaissance villa that the family had seen in their travels and has 40 rooms and 17 bathrooms. The cottage was cited in 1924 by *Architectural Record* as "the most expensive and elegant winter home ever built on Jekyll." The number of rooms chafed some Club members who preferred a simplified, ostentation-free existence on Jekyll Island. According to Island lore, Mr. Crane's one concession to simplicity was to take up the marble floor in the living room and replace it with an attractive wooden floor. The Cranes and their children enjoyed seasons on Jekyll Island until R.T.'s death in 1931. Mrs. Crane gave up her Club membership and turned over the house to the Jekyll Island Club in 1941.

By the 1980s the cottages were in disrepair due to the limited resources

Crane Cottage (shown here circa 1930) was built in 1917, adjacent to The Jekyll Island Club. Chicago architects David Adler and Henry C. Dangler provided an opulent Italianate design that resembled a palazzo. Deemed ostentatious by many members when first built, this "cottage" now provides 13 new guest rooms, flowering gardens, alfresco dining in arcaded loggias, and the gracious sense of leisure associated with a bygone era. Photo courtesy of the Jekyll Island Club Hotel





The restoration and refurbishment complete, Crane Cottage stands poised to receive guests. A monumental effort by the combined team of the Jekyll Island Authority, Smith Dalia Architects, Whaley Construction, Demetree Brothers, Hinesly & Associates, and Blanchard Caulking and Coating, Inc., has brought the island villa back to life. Photo courtesy of the Jekyll Island Club Hotel



Cherokee Cottage, though designed by an unrecorded architect, reflects the Italian Renaissance style favored by the architects McKim, Mead and White during the pre-World War I era. The cottage was built in 1905 for Dr. and Mrs. George Shrady of New York. After the recent refurbishment, the elegant cottage now offers 11 guestrooms and an intimate setting perfect for retreats, family reunions, or other group gatherings. The adapted reuse of these historical buildings is a success story on many levels: The JIA has two more structures revived, thus enhancing the Historic District; the 35/65-percent development mandate is not threatened; and the Jekyll Island Club Hotel gets the much-needed additional space in the same character of the original resort. Photo courtesy of the Jekyll Island Club Hotel

allocated for maintenance. With the new plan, however, Smith Dalia Architects, the Jekyll Island Authority, and their team of experts and craftspeople endeav-

ored to retain the architectural integrity of the cottages. The interiors by Sims Patrick Studio of Atlanta were developed to give each cottage its own identity while retaining a cohesive theme. Both cottages were built in the Italian Renaissance style and decorated with a mix of American and European furnishings; Cherokee Cottage, built in 1904, reflects the tastes of a slightly earlier period.

Warren Murphey, Senior Director of Operations for the Jekyll Island Authority (JIA), is delighted with the sensitive work done to retain the exterior architectural significance of the buildings. The project was not an "heirloom exercise," as he puts it, but more about finding a successful way to incorporate the adapted use of existing historical properties to the Jekyll Island Historical District. The two cottages extend the usable square footage of the Jekyll Island Club Hotel by 23 more guestrooms and 2,000 sq.ft. of meeting and function space. The cottages are the centerpiece projects for an ongoing renovation and master plan for Jekyll Island's National Historic Landmark District. Since 1986, the Jekyll Island Authority and private investors have spent nearly \$28 million to preserve and restore nearly a dozen historic structures.



This image shows The Jekyll Island Club Hotel as it looks today. This structure was the original Club House built on Jekyll Island in 1888, where, during the Club's heyday between 1900 and 1920, one sixth of the world's wealth could be found enjoying the January-February "season." The building was designed by Charles Alexander of Chicago and Charles Alling Gifford of New York. Several additions were made to the building before the 1940s, but to give the present hotel additional room for guests and events, the nearby Crane and Cherokee cottages were refurbished. Photo courtesey of the Jekyll Island Club Hotel.



THE ANNUAL AWARDS PROGRAM TO HONOR EXCELLENCE IN TRADITIONAL COMMERCIAL & CIVIC DESIGN

CO-PRODUCED BY: TRADITIONAL BUILDING MAGAZINE AND 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

The Palladio Awards Program is designed to honor outstanding achievement in traditional design. The goal is to recognize 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 the Western architectural tradition.

PALLADIO AWARD CATEGORIES

Palladio Awards for Commercial & Civic Architecture will be awarded in four categories:

RESTORATION & RENOVATION PROJECTS
 ADAPTIVE RE-USE
 SYMPATHETIC ADDITIONS
 NEW CONSTRUCTION

(Four corresponding awards, co-produced by Period Homes Magazine, will also be made for Residential 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 1, 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 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 Commercial & Civic Architecture will receive full-color editorial coverage in the May/June 2002 issue of Traditional Building.
 - Winning projects will also be highlighted for 12 months in the Palladio Awards section of the Traditional Building 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. For more about the Restoration & Renovation Exhibition & Conference, call 800-982-6247.