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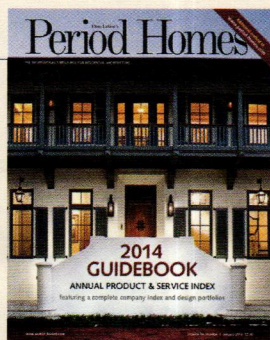
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On the cover: Located in Tampa, FL's Davis Islands neighborhood, this residence by Cooper Johnson Smith is designed to comply with the region's floodwater regulations.

Photo: courtesy of Cooper Johnson Smith



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The Guidebook

The tenth annual Period Homes Guidebook is a comprehensive inventory of the leading suppliers of traditional products and services. The Guidebook is comprised of three sections: the Product & Service Index, a listing of companies in indexed categories within product and service sections; the Buying Guide, an alphabetical listing of the companies catalogued in the Index with contact information, website addresses and brief descriptions; and Portfolios of the companies' work.

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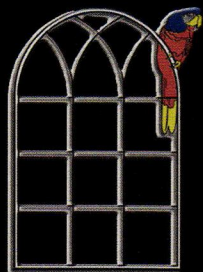


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Calendar of Events

NATIONAL PRESERVATION INSTITUTE: HISTORIC PRESERVATION SEMINARS, February – May 2014. The National Preservation Institute will conduct a series of training seminars for professionals in management, development and historic, cultural and environmental preservation in many cities across the country. Seminars, case studies and small group exercises will highlight state-of-the-art practices in historic preservation. For more information, visit www.npi.org or email info@npi.org.

INTERNATIONAL BUILDERS' SHOW, February 4-6, 2014. This year, the Association of Home Builders (NAHB) will co-host its annual show with the Kitchen and Bath Industry Show at the Las Vegas Convention Center in Las Vegas, NV. For more information, go to www.buildersshow.com.

CLASSICAL TRADITION CONFERENCE, February 6-8, 2014. The Classical Tradition Conference will be held at the Grand America Hotel in Salt Lake City, UT. The event is a forum designed to bring together passionate individuals with a common interest in Classical and traditional architecture, art and the allied building arts. Participants arriving on the first day will have a chance to mingle at an evening gathering followed by two days of presentations. For more information, go to www.ctcslc.com.

FIRE & LIGHT: A TOUR OF THE ART GLASS OF GREENE & GREENE, February 8, 2014. This two-hour in-depth tour of the Gamble House in Pasadena, CA, will examine the stained-glass work of Greene & Greene. Contemporary glass artist and Gamble House docent John Hamm will show participants the Greenes' evolution of style. For more information, visit www.gamblehouse.org.

DESIGNER CRAFTSMEN & HISTORIC HOME SHOW, February 28-March 2, 2014. The Designer Craftsmen & Historic Home Show will be held at the Valley Forge Casino Resort Convention Center in Valley Forge, PA. This joint event will give attendees a chance to learn techniques in historic architectural preservation, restoration and renovation as well as view examples of museum quality and original artwork and furniture reproductions. For more information, visit www.historichomeshows.com.

NOMMA's 2014 METALFAB EDUCATION EXPO & EXCHANGE, March 12-15, 2014. The National Ornamental & Miscellaneous Metals Association (NOMMA) will host its annual convention at the Embassy Suites in St. Charles, MO. The three-day event features seminars and workshops on the metalwork industry; topics include LED illuminated handrails and Best Practices for Metalworking as well as a tour of historic St. Charles. For more information, visit www.nomma.org.

SOCIETY OF ARCHITECTURAL HISTORIANS ANNUAL CONFERENCE, April 9-13, 2014. The Society of Architectural Historians will hold its 67th annual conference in Austin, TX. The conference will feature the SAH Austin Seminar, "Austin and the Place of Historic Architecture in Rapidly Growing Cities," 35 paper sessions and workshops, as well as study tours of the host city's architecture and landscape. For more information, visit www.sah.org.

ICAA's GRAND TOUR OF SICILY: PALERMO TO TAORMINA, April 25-May 4, 2014. ICAA in conjunction with Classical Excursions will be leading its fourth guided tour through Sicily, Italy. The itinerary begins in Palermo and includes visits to the Valley of the Temples at Agrigento, day-trips to Ragusa Ibla and Noto, walking tours in Siracusa and ends with a night in Taormina. For more information, go to www.classicist.org.

NATIONAL MAIN STREETS CONFERENCE, May 18-20, 2014. The 2014 National Main Streets Conference will be held in Detroit, MI. The event theme, "Works in Progress," will focus on Detroit's resilience, innovation and hard work in building on its cultural and heritage assets to overcome economic challenges. For more information, visit www.preservationnation.org.

CNU 22 CONFERENCE, June 4-7, 2014. The Congress for the New Urbanism will host its 22nd annual conference in Buffalo, NY. This event for designers, developers, planners, architects and advocates of walkable, mixed-use neighborhoods will focus on Buffalo's revitalized neighborhoods and case study of architecture. For more information, visit www.cnu.org.

SGAA ANNUAL SUMMER CONFERENCE, June 9-11, 2014. The Stained Glass Association of America will host its summer conference at The Elms Resort & Spa in Excelsior Springs, MO. This year's theme "The Artists' Retreat at the Elms," will feature workshops on stained-glass windows, church symbols and restoration painting as well as an optional stained-glass tour of historic St. Joseph. For registration and conference updates, visit www.stainedglass.org/html/SGAAconference.htm.

AIA 2014 NATIONAL CONVENTION AND DESIGN EXPOSITION, June 26-28, 2014. The AIA 2014 National Convention & Design Exposition will be held at McCormick Place in Chicago, IL. Participants will have a chance to earn Learning Units through education sessions and location tours. For more information, visit www.aia.org.

PRESERVING THE HISTORIC ROAD 2014 CONFERENCE, September 26-28, 2014. Historic Roads will host its biennial conference in Savannah, GA. The three-day conference is structured around educational sessions, seminars and field tours to the host city's historic roads' sites. For more information, visit www.historicroads.org.

GREENBUILD 2014, October 22-24, 2014. Greenbuild's international conference and expo will be held in New Orleans, LA. It is dedicated to green building products and services and will feature three days of educational sessions, green building tours and seminars. For more information, visit www.greenbuildexpo.org.

APT QUÉBEC CITY 2014 CONFERENCE, October 26-30, 2014. The Association for Preservation Technology International will host its annual conference at the Fairmont Le Château Frontenac in Québec City, Canada. For conference updates, visit www.apti.org.

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

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

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

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

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Tapering masonry pillars present the second floor of a Rosemary Beach, FL, house on a pedestal.

All photos: courtesy of Cooper Johnson Smith

An Elegant Fit

Cooper Johnson Smith seamlessly combines form with function. *By Nancy A. Ruhling*

“Traditional architecture is the most suitable style for modern life and lifestyles,” declares architect Don Cooper, founder of Cooper Johnson Smith. “All of its traditions were developed to be suitable for the environment and for human habitat. It has evolved, its functionality has been proven for thousands of years and its principles are inherently green, which makes it all the more relevant today.”

Cooper knows whereof he speaks. During the last three decades, his award-winning firm, which is based in Tampa, FL, has built its reputation on its own brand of contemporary-traditional architecture. Cooper Johnson Smith has five architects — partners Don Cooper and Stephen Smith, each LEED-AP; junior partner David Peterson, LEED-AP; and Geoff Locksmith and Bruce Gibson. “Traditional architects were always pushing and pulling to find new ideas,” Smith says. “And so are we.”

Recognized for its single, resort and urban residential projects, the firm employs its contemporary-traditional style to “reunite architecture with the art of town making,” Cooper says. “Traditional

architecture is the best style for creating towns and cities and civic spaces because it does a better job of framing spaces and squares and it is filled with practical ideas.”

He points to the traditional architectural styles of the tropics, which come into play in many of the firm’s Florida residences that are designed to be aesthetically pleasing and environmentally friendly. “The style adapts to the hot, humid climate with large overhangs, operating window shutters and high ceilings that accommodate fans,” he says. “Typically, it uses local materials and that makes it sustainable.”

Cooper Johnson Smith’s houses distinguish themselves by fitting in with their surroundings. “As architects, we are naturally inventive, but we are constrained by putting the whole piece together,” Cooper says. “We choose appropriate models and adapt them to the client and the site.”

Although the Cooper Johnson Smith team is a keeper of tradition, it doesn’t copy it to a T. “None of our work looks like historical models,” Smith says, “and that is by design.” Adds Cooper, “Ours is a living traditional style that is influenced by everything going on today. That is how it was done through the ages.”

Smith says the firm’s tradition also is informed by “an intense level of exterior and interior detailing,” whose hallmark is handwork. For more information, visit cjsarch.com.

A West Indies Vacation

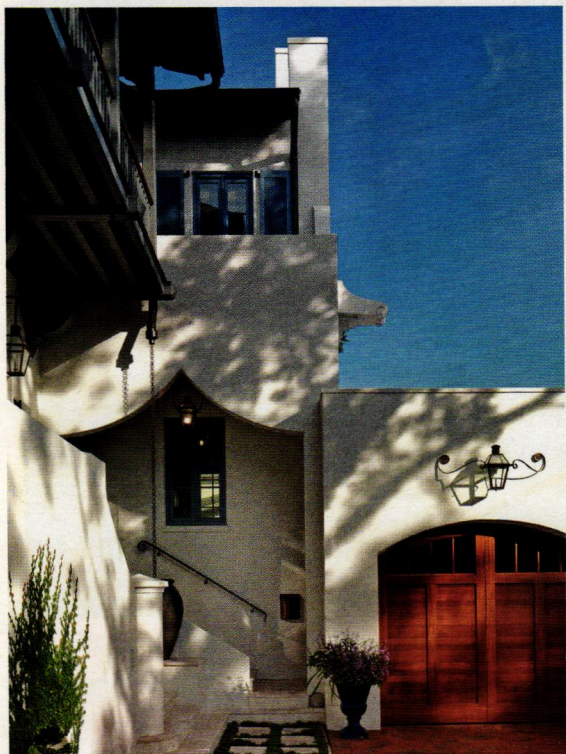
Cooper Johnson Smith put its own accent on the language of the West Indies’ Anglo-Caribbean colonies when designing this new beach house in the resort town of Rosemary Beach on the Gulf Coast of Florida’s Panhandle.

The award-winning design was informed, to some extent, by the community’s urban planning code, which dictated an Anglo-Caribbean style. Using this as a starting point, the firm created a two-story vacation cottage on the small corner lot that is bounded on three sides by streets. The cottage is a rather long walk to the beach so the idea was to maximize the outdoor spaces and make them meld with interior areas.

The house stands firmly on a white masonry base, whose substantial bulk is supported with tapered columns that support a finely detailed second story that is essentially a wrap-around porch.

The front entrance to a residence in Tampa, FL's Davis Islands neighborhood is raised to comply with floodwater regulations. A sculptural stucco wall encloses the staircase.





TOP LEFT: A whimsical arch, next to the garage, dresses up a side entrance to the house.



ABOVE: The white-picket fence and pair of carports on the front were community requirements of the New Urbanist town of Seaside, FL.

LEFT: The front door, whose fenestration looks like a cross, is balanced by a transom and a pair of windows that open.

RIGHT: Banks of windows open the house to the water views.



Its board-and-batten walls rise to a steeply pitched gable-hipped roof of corrugated metal, another Anglo-Caribbean touch.

"The most interesting features are the two sleeping porches," Cooper says. "The shutters can be opened and closed to protect from the sun and provide privacy." The open-to-nature theme is repeated in the trellised garden court, which includes a water fountain and teak benches that rest beneath the shade of blossoming *Bougainvillea* vines.

The framed second floor over the masonry ground floor is a modern adaptation of the St. Augustine style created when the English took over the city and added wooden second floors to the one-story masonry Spanish settlement.

The living space extends to the attic, where two sleeping alcoves tucked into dormers form a guest suite that offers extraordinary views of Rosemary Beach and the Gulf of Mexico.

That Island Vibe

The 6,500-sq.ft. new house that presides over two city waterfront lots in Tampa, FL's Davis Islands neighborhood is a prime example of Cooper

Johnson Smith's mixing and matching of traditional styles to fit the site and situation.

The owners, a couple with a growing family, wanted to use the house for entertaining and considered the views of Hillsborough Bay their primary, perpetual guest.

Although the predominant style is Anglo-Caribbean, the firm spiced it up with European elements, particularly from Great Britain. "We love hybrids," Smith says. "We like to pick the best ideas from different sources, which is exactly what would have been done in the 18th century in the West Indies, when this style predominated."

The H-shaped stucco house, which has a slate roof, was opened up with banks of large, shuttered windows, including a pair of big bays in back, to bring in the light and light breezes. The wooden balconies and bay windows add light contrast to the heavy masonry. "The combination gives a unique beauty to the project," Cooper says, "and is drawn directly from traditional architecture."

The use of stucco allowed the design team to combine simple, sculptural shapes. It also provided the perfect backdrop for what Cooper calls "exotic"

details like the elongated wooden column capitals and brackets on the balconies and the scuppers. "These features are particular only to this house," he says.

The front of the house, which faces the street, is entered through an auto court. The second-floor balcony gives it real street presence. "You would expect a first-floor front porch, but putting it higher is derived from the islands, where houses had to be defensible against human and climate elements," Smith says. "Several of the interior spaces are one-room deep, another island tradition."

Cooper says that flood-zone restrictions didn't box the design team in. An elegant set of stairs raised the home's profile, and breakaway walls addressed the storm water issue.

In the back, a rectangular swimming pool is the focal point of a courtyard that is framed by a pool house, a one-car garage and storage buildings.

A New Wave

A house hunkering down in the dunes. That is how Cooper and Smith describe this summer home in Seaside, FL, the nation's first New Urbanist town. The award-winning 2,200-sq.ft. residence, which is



on a small, flat plot of land, uses the firm's signature pairing of vernacular and Classical architecture.

"The broad, overhanging eaves say vernacular, while the massive columns and pediment of the front porch root it in the traditional," Smith says. "It is a prime example of how we distort the models to achieve a different character. Combining rustic and rural with more refined architecture is a recurring theme for us."

The design for the two-story house was a natural fit for the community's requirements, which included a white picket fence, a pair of latticework carports on the front and a height restriction of only 22 ft. "The fence is an urban device to show the separation of private and public spaces in a friendly way," Smith says.

The design team used the lead-coated copper roof and the faceted wooden columns to give visual weight to the impression that the house is riding out the storm in style. The storm-tossed theme continues in the interior, which is reminiscent of a yacht, complete with bunkrooms for the children that are modeled on ship berths. "In his youth, the owner had sailed around the world with his father and wanted the house to reflect his love of blue-water sailing," Smith says.

French Country in a Warm Clime

There aren't many French Country-style homes in Tampa, FL, where the taste runs more toward the towered romance of Normandy.

But the owners, who make this their primary home, requested the style, and the Cooper Johnson Smith team set about adapting it for the warm climate of Florida. "We really opened it up with win-

dows, balconies and porches," Smith says. "Seventy percent of the rear is porches, either covered or open terraces."

The 10,000-sq.ft. home, which is set on two acres, has an ample entry and auto court that is made of concrete pavers that look like granite. "The house is stucco and has a limestone/rubble veneer," Smith says. "We thought this was particularly appropriate because Florida, which rests on a coral reef, is built on a spine of limestone."

To accent the country character, the window lintels are made of red brick. "We gave them a rough look," Smith says. "A more formal house would have had a more refined treatment, and the mix of materials reflects the nature of country houses."

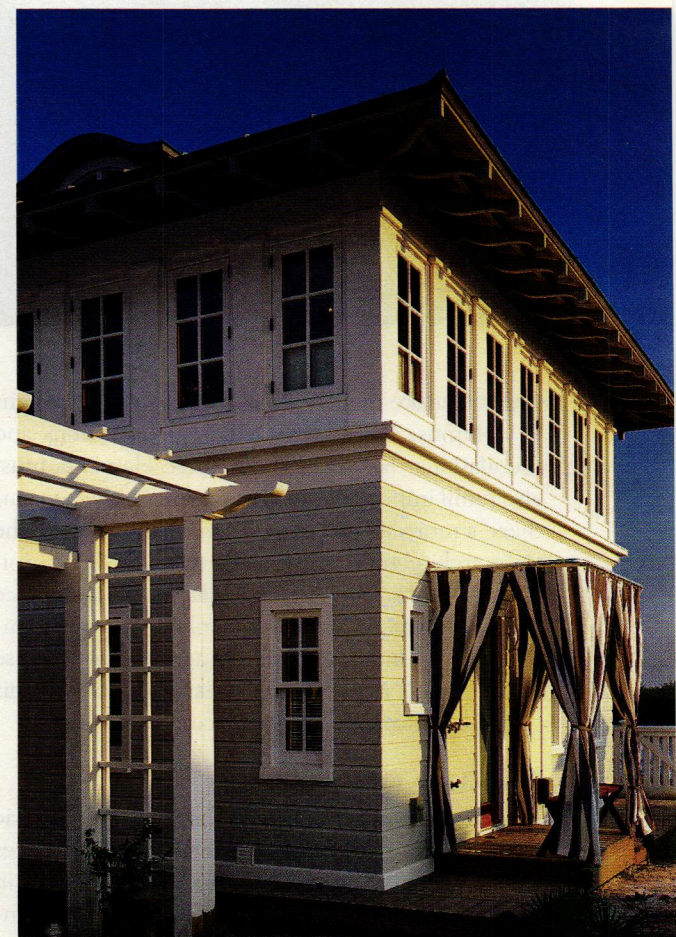
The defining modern features of the backyard are the swimming pool and pool house. The space includes an overflowing fountain, a spa and piers and pavers that allow people to literally walk over the water. "It was a challenge to use modern resort ideas in a tasteful, traditional way," Smith says.

The one-story pool house, which features a full kitchen, adds drama to the landscape. "It speaks the same language of the house," Smith says. "It is unique and surprising because it has such a small footprint. It is almost like a Classical folly: The tall timber roof structure and roof lantern add height and volume. And the arched windows in the back flood it with light."

The pool connects the pool house and the main house's back porch, extending the outdoor spaces. "The porch is very cozy because it has a fireplace," Smith says. "It is also very deep; it looks like it used to be enclosed and at some point over time was opened up."

ABOVE: Large windows and ample porches open up a new French Country house to the scenery in Tampa, FL.

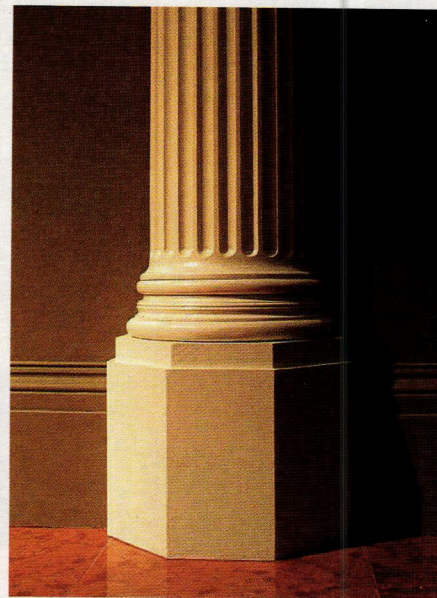
BELOW: An outside shower on the side of the house leads to interior bathrooms.



A Tall Order

In order to last, columns and capitals must combine form, function and quality installation.

By Gordon Bock



LEFT: This specialty interior column base is one of many offered by Chadsworth Columns.

FAR LEFT: Chadsworth Columns manufactures stock, custom and reproduction columns and capitals.

BELOW: HB&G manufactured these columns for an outdoor patio.



Capitals make their mark as the decorative crowns of columns; bases serve as visual transitions and foundations. However, both these elements must also fulfill important mechanical roles, which means there's more to specifying them than ordering the right architectural order. Whether you need capitals and bases for a new installation or to replace aged or lost units on existing columns, some comments from industry experts can help make sense of the varied materials and casting options in this classic but changing marketplace.

Base-Line Conclusions

After decades of service, the most common historic columns – hollow types composed of wood staves – frequently fall prone to failing bases and column ends, but the reason is not the materials them-

selves. As Jeffrey Davis of Chadsworth Columns in Wilmington, NC, explains, "Most of the time when clients report deteriorating base moldings, I find that somebody along the line has closed off the ventilation at the top of the column shaft."

Ventilation is critical to release moisture that collects inside the column from condensation on the interior surface, rain infiltration, and even moisture absorption from foundation masonry. When this moisture gets trapped inside the column, problems begin if there is no path out. "Moisture that condenses on the interior surface will run down the inside and sit on the base molding," says Davis, "that is why deterioration appears first at column bases. If we put a non-deteriorating material underneath, but do not fix the problem at the top, moisture is still going to run down, but it

is going to sit where the shaft begins and start eating up the bottom of the shaft."

As Davis further explains, in classic column installations there are usually two ways to ventilate at the base: either by incorporating a space under the base or by creating a space between the plinth and the base. The first system is the most common, and manufacturers almost always carry footed bases expressly designed to promote ventilation. The second system comes into play when the base is specified to be a solid material like marble or granite. Adds Davis, "If the client prefers the system where you have the space between the plinth and the base molding, then a lot of times they won't have to have the ventilation at the top because water is going to just run right down and out that space. But our preference – and the preference of

all column manufacturers – is that there is ventilation at the bottom and the top of the column.”

When columns, capitals and bases are made out of synthetics, such as resin composites or FRP (fiber reinforced polymer such as fiberglass), manufacturers say interior moisture is not a concern, and it is little more than a footnote for another traditional material, cast stone. Says David West of Haddonstone in Pueblo, CO, “Pretty much, there are no interior moisture issues for cast-stone columns and capitals going into vertical façades because, 99 percent of the time, the capital is completely covered by the structure above.”

However, in certain instances columns might support a pergola. Says West, “Here some sort of waterproofing – such as flashing – needs to be considered at the top of the capital before any structure goes on top, so a rush of water does not go between the cast-stone capital and the reinforced concrete.” Since pergolas are open-roofed structures akin to arbors, the concern is that the tops of the capitals would not otherwise be protected by a beam or other common building feature. “If water gets in and goes through a freeze-thaw cycle, that would be detrimental to the stone.” He adds that it is not necessary to cover the whole capital – just the top so as to block water from reaching the core.

West says that, in manufacturing columns, his company also includes a water-proofing additive in the cast-stone mixture. “The surface texture of cast stone is like natural limestone, which can appear to be relatively porous. The additive really repels a lot of water that penetrates the material itself.”

Moisture is not the only issue that has to be considered when specifying column bases; there is construction too. “No matter which company’s products a client looks at,” says Davis, “they need to consider whether the base is for a fiberglass column or for a wood column; they are two different types of installations.” As he explains, with fiberglass columns the base molding and plinth go around the column shaft like a sleeve. For wood columns, the base sits underneath the shaft, so it has to be solid and load-bearing, and it also adds height.

According to Tim Bobo at HB&G Building Products, Inc. in Troy, AL, his company covers the spectrum of stock column materials, but its market leans towards split, non-load bearing, high-density polyurethane for bases. Nonetheless, clients turn to FRP when applications demand another kind of durability. “FRP is not our typical base and capital material,” he says, “but we will use it for high-traffic areas, like strip malls, where the bases have to stand up to snow shovels, weed-eaters or skate-boarding kids.”

In the case of cast stone, column bases (along with column shafts) may be supplied in vertical half-sections in order to wrap a steel support, or the bases may be one-piece when the shaft is one-piece and structural. “In actual fact, though, it is not the cast-stone material that is load-bearing,” explains West, “it is the hollow core, which is filled with reinforced concrete, so the load-bearing component is really going to be the center of the column itself.” He notes that in these installations, the column requires an isolating medium between the reinforced concrete and the cast stone to accommodate the different coefficients of expansion.

This plain shaft column by Haddonstone is topped with an Ionic capital.





TOP: HB&G's Corinthian capital is fabricated from the company's PermaCast material.



ABOVE: For a pergola project in Chicago, IL, Haddonstone combines fluted columns with custom capitals beneath a custom curved architrave and coping.

RIGHT: This house features Chadsworth Columns' Greek Erechtheum columns, above Tuscan pillars.



For more from the suppliers mentioned in this article:

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Capital Ideas

Capitals require the same considerations of construction and load-bearing capacity as bases, but here architecture also comes into play. James Garvey at Edon Fiberglass, makers of column covers and pilasters in Horsham, PA, views fiberglass capitals as falling into two categories, a dichotomy that is echoed across other materials and manufacturers. "Most of the capitals and bases that you see outdoors, whether residential or commercial, are Tuscan or Doric," he says, "styles so close in design that most professionals have trouble telling the difference."

After that come capitals and bases that are ornamental, which may be called Corinthian, Temple of the Winds (similar to Corinthian), Roman Ionic or Scamozzi Ionic with volutes (scrolls) angled at 45 degrees. West agrees. "We have about 14 standard column designs that can change capitals," he says, "Corinthian, Ionic, Doric and Tuscan — with which we have tried to assimilate European history while keeping the design as close as possible to being Classically correct."

Says Davis, "For wood columns with wood-like capitals, such as the Tuscan and Dorics, some of the same situations apply as for bases — that is, the capital sits on the shaft, adding height, and may be load-bearing. However, when you switch to a decorative capital, nowadays there are new materials that are also load-bearing." He explains that, in the past, almost all decorative capitals were carved, and then cast in plaster and horsehair. Then each capital would be thoroughly sealed to protect it from the elements and installed around a wood plug in the center that carried any loads down to the column shaft.

"Today," says Davis, "instead of plaster, we can cast with an FRP material that, in and of itself, is load-bearing, so that decorative capitals can sit on top of the column shaft just like wood capitals." As he explains, such capitals are also hollow in the center, helping to promote ventilation. "Once you

have made a mold of the capital, the casting is made by spinning the mold so that the FRP material goes into all the nooks and crannies, producing all the desired detail as well as a hollow center."

According to Bobo, "For our ornamental capitals, we use high-density polyurethane, which can make a load-bearing capital up to about 12 in. in diameter. From 14 in. to 30 in. in diameter, they are not load-bearing, but they come with a plug that transfers the load." Besides strength, high-density polyurethane has other advantages for decorative column manufacture. "Polyurethane is a two-part material that, once mixed, expands in volume, so once you load the mold it fills the details," he says.

Capitalizing on History

New capitals typically are ordered either to complete a new column-construction project, or as replacements for some existing, but damaged, capitals. In either situation, clients may face a decision about whether to choose one of the supplier's stock designs or to consider custom-making new molds and castings. Surprisingly, while the financial considerations are noteworthy, the choice does not always turn on money.

"We of course have a standard range of products," says West, "but when we get involved with custom home projects, more often than not the architect specifies his own design of column

and, I would say, on 50 percent of the jobs we are actually producing custom columns for that particular environment." West says the drivers vary. "Sometimes it is because the proportions or the technical requirements are larger than the standard columns we carry. What we do, in actual fact, is replicate the architect's drawings; we have our own studio, so we can carve any detail into the capital. We do everything in-house."

To be sure, the need to replicate historic details for a building often leads to making new molds, but sometimes it is a matter of economics. Says Davis, "Quite often we have a client who has 16 columns around their house, but only one capital that is bad; they don't want to replace all 16 capitals, so they will send us the one to replicate, which we have done many times." In fact, Davis says he does a regular business in replicating capitals from manufacturers that were once stock items. "A lot of molds were lost when some of the old-line manufacturers changed hands in recent years," he says. "They often had unique or elongated designs that I can always recognize because there is nobody in the industry making them today."

Garvey sketches a likely reproduction mold scenario. "If an architect or contractor called me about duplicating a historic capital my first question would be, what is the existing material? For example, I often see beautiful capitals in New York City, but they are cast iron, some are corroded, and they are all too big and heavy to remove and mail for use as models." However, Garvey has had clients send 100-year-old samples of wood or sheet metal, such as a tinsmith made, which they can then use as a model to execute shop drawings for design approval. "Once all dimensions are accurate and approved, then we will make a pattern – the physical, positive shape – and from that we make the mold that is used to replicate the parts."

Often, sending a physical capital is impossible, so Garvey's company must rely on old drawings or photographs to execute shop drawings. "In this day and age, most contractors have digital cameras, so in the same day I get a phone call, I can ask the GC 'Can you take some pictures, and if you don't have dimensions, just hold a tape measure up to the capital in the photo.' so we can read it." Says Garvey, "That way, we can at least get a price over to the contractor to see if we are all in the same ballpark."

Whether to go stock or custom inevitably is a case-by-case decision, based upon what is available and how the project pencils out. As Davis says, "I am looking at a once-stock capital now, a rather large Scamozzi that is for a home in Arkansas, but now that those molds are gone you have to make a new mold." Like many column manufacturers, he has no problem re-creating anything that the client or architect has, "it just depends upon which direction they want to go." ■

Gordon Bock is co-author of *The Vintage House* (www.vintagehousebook.com) and available for keynote speeches, seminars and workshops through www.gordonbock.com.

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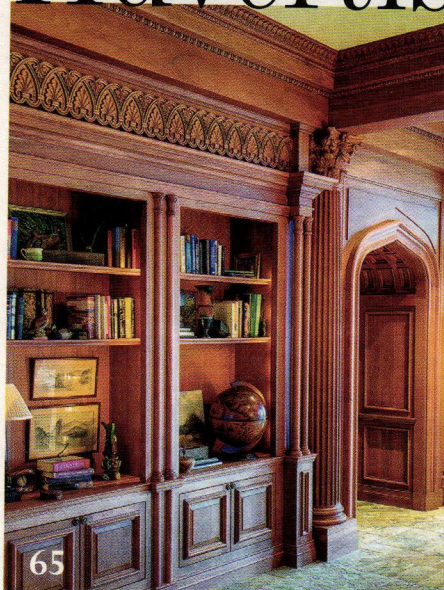
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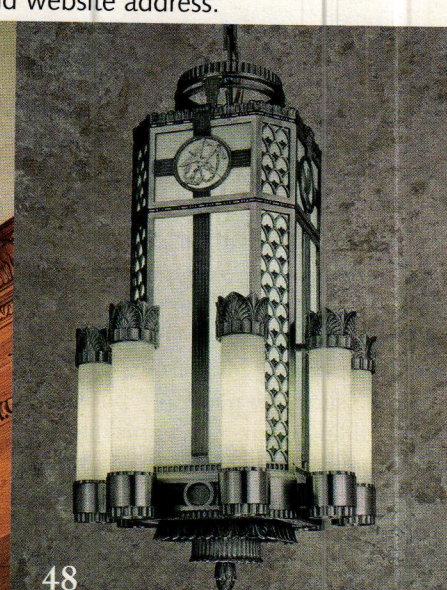
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NIKO Contracting Co., Inc.
W.F. Norman Corp.

Exterior Cornices, Wood

Agrell Architectural Carving Ltd.

Exterior Molded Ornament

Decorators Supply Corp.
Haddonstone (USA), Ltd.

Exterior Molded Ornament, Custom Casting

Decorators Supply Corp.
Haddonstone (USA), Ltd.

Exterior Polymer Millwork

Decorators Supply Corp.

Porch Parts, Wood

Chadsworth Columns
www.period-homes.com

Siding, Wood Substitutes

W.F. Norman Corp.

SECTION 7

FLOORING

Non-Wood Flooring, Mosaic

Subway Ceramics

Non-Wood Flooring, Stone

Monarch Stone International

Non-Wood Flooring, Tile

Subway Ceramics

Wood Flooring, Antique

Architectural Timber & Millwork
Brandt, Sylvan
Chestnut Specialists, Inc.
Heritage Wide Plank Flooring

Wood Flooring, Parquet

Heritage Wide Plank Flooring

Wood Flooring, Random Width

Architectural Timber & Millwork
Brandt, Sylvan
Heritage Wide Plank Flooring
Hochstetler Milling, Ltd.

Wood Flooring, Wide Board

Architectural Timber & Millwork
Chestnut Specialists, Inc.
Heritage Wide Plank Flooring

SECTION 8

INTERIOR ELEMENTS, ORNAMENT & FINISHES

Brackets, Plaster

Decorators Supply Corp.

Brackets, Polymer

Decorators Supply Corp.

Brackets, Wood

Decorators Supply Corp.

Cast-Stone Interior Elements

Haddonstone (USA), Ltd.

Cast-Stone Interior Ornament

Haddonstone (USA), Ltd.

Casting, Custom

See *Interior Molded Ornament,
Custom Casting*

Ceiling Medallions

Decorators Supply Corp.

Ceilings, Ornamental, Gypsum

Decorators Supply Corp.

Ceilings, Ornamental, Metal

MetalCeilingExpress
NIKO Contracting Co., Inc.
W.F. Norman Corp.

Ceilings, Ornamental, Plaster

Decorators Supply Corp.

Ceilings, Ornamental, Polymer

Decorators Supply Corp.

Ceilings, Ornamental, Wood

Agrell Architectural Carving Ltd.
Decorators Supply Corp.

Ceramic Tile, Flooring

See *Non-wood Flooring, Tile,
in Section 7*

Ceramic Tile, Geometrics & Mosaic

Subway Ceramics

Ceramic Tile, Historic Patterns

Subway Ceramics

Cornice Moldings, Composites

Decorators Supply Corp.

Cornice Moldings, Gypsum

Decorators Supply Corp.

Cornice Moldings, Plaster

Decorators Supply Corp.

Cornice Moldings, Wood

Agrell Architectural Carving Ltd.
Decorators Supply Corp.
Heritage Wide Plank Flooring
Klise Mfg. Co.

Grilles, Metal

See *Section 12*

Grilles, Wood

See *Section 20*

Interior Molded Ornament

Chadsworth Columns
Decorators Supply Corp.

Interior Molded Ornament, Custom Casting

Chadsworth Columns
Decorators Supply Corp.

Interior Molded Ornament, Custom Models & Moldmaking

Chadsworth Columns
Decorators Supply Corp.

Moldings, Plaster

Decorators Supply Corp.

Moldings, Polymer

Chadsworth Columns

Moldings, Wood

See *Section 20*

Moldmaking Materials

See *Interior Molded Ornament,
Custom Models & Moldmaking*

Mosaics

See *Section 1*

Plaster Ornament

See *Interior Molded Ornament*

Plaster, Casting

See *Interior Molded Ornament,
Custom Casting*

Registers, Metal

See *Section 12*

Registers, Wood

See *Section 20*

Tile

See *Ceramic Tile*

Window Treatments

See *Section 1*

SECTION 9

LANDSCAPE & GARDEN SPECIALTIES

Arbors

Chadsworth Columns
Fine Architectural Metalsmiths
Wiemann Metalcraft

Benches

Haddonstone (USA), Ltd.
Herwig Lighting
Historical Arts & Casting, Inc.
Wiemann Metalcraft

Bridges, Ornamental

Historical Arts & Casting, Inc.
Wiemann Metalcraft

Cast-Stone Ornament

See *Cast-Stone Exterior Ornament
in Section 6*

Curbing & Edging

Monarch Stone International

Fencing, Metal

Compass Ironworks
Fine Architectural Metalsmiths
Herwig Lighting
Historical Arts & Casting, Inc.
Wiemann Metalcraft

Fountains, Freestanding

Haddonstone (USA), Ltd.
Historical Arts & Casting, Inc.

Fountains, Pool

Haddonstone (USA), Ltd.

Fountains, Sculptural

Haddonstone (USA), Ltd.

Fountains, Tiered

Haddonstone (USA), Ltd.
Historical Arts & Casting, Inc.

Fountains, Wall

Haddonstone (USA), Ltd.

Garden Furnishings

Fifthroom.com
Haddonstone (USA), Ltd.
Herwig Lighting
Wiemann Metalcraft

Garden Ornament

Haddonstone (USA), Ltd.
Wiemann Metalcraft

Gate Hardware

Acorn Forged Iron
Ball & Ball Hardware
Kayne & Son Custom Hardware
Wiemann Metalcraft

Gates, Metal

Compass Ironworks
Fine Architectural Metalsmiths
Herwig Lighting
Historical Arts & Casting, Inc.
Wiemann Metalcraft

Gazebos

See Section 3

Greenhouses

See Section 3

Landscape Stone

Haddonstone (USA), Ltd.
Monarch Stone International

Lattice & Treillage

Wiemann Metalcraft

Lighting, Landscape & Garden

See Exterior Lighting, Garden, and
Exterior Lighting, Landscape in
Section 10

Mailboxes, Post Mounted

Custom Home Accessories, Inc.
EJMcopper Inc.
Wiemann Metalcraft

Mailboxes, Wall Mounted

Custom Home Accessories, Inc.

Pavers, Brick

Belden Brick Co., The
Gavin Historical Bricks Inc.
Monarch Stone International

Pavers, Stone

Monarch Stone International

Pergolas

Chadsworth Columns
Fine Architectural Metalsmiths
Haddonstone (USA), Ltd.
Historical Arts & Casting, Inc.
Wiemann Metalcraft

Planters & Urns

Fifthroom.com
Haddonstone (USA), Ltd.
Historical Arts & Casting, Inc.

Plaques

See Signage

Sculpture

See Section 1

Signage

Custom Home Accessories, Inc.
Herwig Lighting
Wiemann Metalcraft

Sundials

Haddonstone (USA), Ltd.

SECTION 10**LIGHTING & ELECTRICAL****Exterior Lighting Restoration**

Authentic Designs
Ball & Ball Lighting
Fine Architectural Metalsmiths
Historical Arts & Casting, Inc.
Period Lighting Fixtures, Inc.
St. Louis Antique Lighting Co.
Wiemann Metalcraft

Exterior Lighting, Antique Original

Ball & Ball Lighting

Exterior Lighting, Architectural Accent & Special Effect

Authentic Designs
Wiemann Metalcraft

Exterior Lighting, Building Mounted

Authentic Designs
Ball & Ball Lighting
Deep Landing Workshop
Fine Architectural Metalsmiths
Period Lighting Fixtures, Inc.
Wiemann Metalcraft

Exterior Lighting, Custom

Authentic Designs
Ball & Ball Lighting
Deep Landing Workshop
Fine Architectural Metalsmiths
Herwig Lighting
Historical Arts & Casting, Inc.
Period Lighting Fixtures, Inc.
St. Louis Antique Lighting Co.
Wiemann Metalcraft

Exterior Lighting, Garden

Authentic Designs
Deep Landing Workshop
Herwig Lighting
Period Lighting Fixtures, Inc.
Wiemann Metalcraft

Exterior Lighting, Historical Reproductions

Authentic Designs
Ball & Ball Lighting
Deep Landing Workshop
Fine Architectural Metalsmiths
Herwig Lighting
Period Lighting Fixtures, Inc.
St. Louis Antique Lighting Co.
Wiemann Metalcraft

Exterior Lighting, Landscape

Authentic Designs
Deep Landing Workshop
Herwig Lighting
Period Lighting Fixtures, Inc.

Exterior Lighting, Lanterns

Authentic Designs
Ball & Ball Lighting
Deep Landing Workshop
Fine Architectural Metalsmiths
Herwig Lighting
Period Lighting Fixtures, Inc.
St. Louis Antique Lighting Co.
Wiemann Metalcraft

Exterior Lighting, Porch

Authentic Designs
Ball & Ball Lighting
Deep Landing Workshop
Fine Architectural Metalsmiths
Herwig Lighting
Period Lighting Fixtures, Inc.

Exterior Lighting, Post Mounted

Authentic Designs
Ball & Ball Lighting
Custom Home Accessories, Inc.
Deep Landing Workshop
Fine Architectural Metalsmiths
Herwig Lighting
Period Lighting Fixtures, Inc.

Fans, Belt Driven

Woolen Mill Fan Co.

Fans, Ceiling

Woolen Mill Fan Co.

Fans, Historical Replicas

Woolen Mill Fan Co.

Fans, Specialty & Ornamental

Woolen Mill Fan Co.

Garden Lighting

See Exterior Lighting, Garden

Gas Lighting Restoration

Ball & Ball Lighting
Period Lighting Fixtures, Inc.
Wiemann Metalcraft

Gas Lighting, Antique Original

Period Lighting Fixtures, Inc.

Gas Lighting, Custom

Ball & Ball Lighting
Historical Arts & Casting, Inc.
Period Lighting Fixtures, Inc.
Wiemann Metalcraft

Gas Lighting, Exterior

Ball & Ball Lighting
Period Lighting Fixtures, Inc.
Wiemann Metalcraft

Gas Lighting, Interior

Ball & Ball Lighting
Period Lighting Fixtures, Inc.

Interior Lighting Restoration

Authentic Designs
Ball & Ball Lighting
Historical Arts & Casting, Inc.
Period Lighting Fixtures, Inc.
St. Louis Antique Lighting Co.

Interior Lighting, Antique Original

Ball & Ball Lighting
Period Lighting Fixtures, Inc.

Interior Lighting, Ceiling Flush-Mount

Authentic Designs
Ball & Ball Lighting
Crenshaw Lighting
Deep Landing Workshop
Period Lighting Fixtures, Inc.
St. Louis Antique Lighting Co.

Interior Lighting, Chandeliers

Authentic Designs
Ball & Ball Lighting
Crenshaw Lighting
Deep Landing Workshop
Fine Architectural Metalsmiths
Historical Arts & Casting, Inc.
Period Lighting Fixtures, Inc.
St. Louis Antique Lighting Co.

Interior Lighting, Custom

Authentic Designs
Ball & Ball Lighting
Crenshaw Lighting
Deep Landing Workshop
Fine Architectural Metalsmiths
Herwig Lighting
Historical Arts & Casting, Inc.
St. Louis Antique Lighting Co.
Wiemann Metalcraft

Interior Lighting, Floor Lamps

Authentic Designs
Ball & Ball Lighting
Crenshaw Lighting

Interior Lighting, Historical Reproductions

Authentic Designs
Ball & Ball Lighting
Crenshaw Lighting
Deep Landing Workshop
Fine Architectural Metalsmiths
Herwig Lighting
Historical Arts & Casting, Inc.
Period Lighting Fixtures, Inc.
St. Louis Antique Lighting Co.

Interior Lighting, Lanterns

Authentic Designs
Ball & Ball Lighting
Crenshaw Lighting
Deep Landing Workshop
Fine Architectural Metalsmiths
Herwig Lighting
Historical Arts & Casting, Inc.
Period Lighting Fixtures, Inc.
St. Louis Antique Lighting Co.

Interior Lighting, Pendants

Authentic Designs
Ball & Ball Lighting
Crenshaw Lighting
Deep Landing Workshop
Fine Architectural Metalsmiths
Historical Arts & Casting, Inc.
Period Lighting Fixtures, Inc.
St. Louis Antique Lighting Co.

Interior Lighting, Sconces

Authentic Designs
Ball & Ball Lighting
Crenshaw Lighting
Deep Landing Workshop
Fine Architectural Metalsmiths
Historical Arts & Casting, Inc.
Period Lighting Fixtures, Inc.
St. Louis Antique Lighting Co.

Interior Lighting, Table Lamps

Authentic Designs
Ball & Ball Lighting
Crenshaw Lighting
Period Lighting Fixtures, Inc.
St. Louis Antique Lighting Co.

Lampposts & Standards

Authentic Designs
Period Lighting Fixtures, Inc.

Landscape Lighting

See *Exterior Lighting, Landscape*

Lighting Fixture Glass, Custom

Ball & Ball Lighting

Lighting Fixture Glass, Historical Replicas

Ball & Ball Lighting
St. Louis Antique Lighting Co.

Lighting System Design

St. Louis Antique Lighting Co.

Switch Plates

Forbes & Lomax LLC

Switches, Push-Button

Forbes & Lomax LLC
House of Antique Hardware

SECTION 11

MANTELS, FIREPLACES & CHIMNEYS

Chimney Pots

EJMcooper Inc.

Fire Grates

Wiemann Metalcraft

Fireplace Dampers

Benson Energy

Fireplace Screens & Tools

Ball & Ball Hardware
Fine Architectural Metalsmiths
Kayne & Son Custom Hardware
Wiemann Metalcraft

Fireplace Surrounds

See *Mantels*

Mantels, Antique Original

Brandt, Sylvan

Mantels, Carved Stone

New World Stoneworks

Mantels, Carved Wood

Agrell Architectural Carving Ltd.
Decorators Supply Corp.
White River Hardwoods-
Woodworks
Zepa Industries, Inc.

Mantels, Cast Stone

Haddonstone (USA), Ltd.

Mantels, Custom

Agrell Architectural Carving Ltd.
Architectural Components, Inc.
Decorators Supply Corp.
Zepa Industries, Inc.

Mantels, Metal

Wiemann Metalcraft

Mantels, Wood

Agrell Architectural Carving Ltd.
Brandt, Sylvan
Decorators Supply Corp.
Heritage Wide Plank Flooring
White River Hardwoods-
Woodworks
Zepa Industries, Inc.

SECTION 12

METALWORK

Balustrades, Metal

See *Section 6*

Cast Metalwork, Custom Casting

Historical Arts & Casting, Inc.
Kayne & Son Custom Hardware
Wiemann Metalcraft

Cast Metalwork, Standard Designs

Historical Arts & Casting, Inc.
Kayne & Son Custom Hardware
Wiemann Metalcraft

Epoxies for Metal Repair

See *Metal Repair & Restoration
Services*

Fabricated Metalwork, Custom

Fine Architectural Metalsmiths
Historical Arts & Casting, Inc.
Kayne & Son Custom Hardware
Wiemann Metalcraft

Fabricated Metalwork, Standard Designs

Historical Arts & Casting, Inc.
Kayne & Son Custom Hardware
Wiemann Metalcraft

Fencing

See *Section 9*

Forged Metalwork, Custom

Fine Architectural Metalsmiths
Gaby's Shoppe
Kayne & Son Custom Hardware
Wiemann Metalcraft

Forged Metalwork, Standard Designs

Gaby's Shoppe
Kayne & Son Custom Hardware
Wiemann Metalcraft

Gates

See *Section 9*

Grilles, Cast Metal

Acorn Forged Iron
Artistry in Architectural Grilles
Decorators Supply Corp.
Historical Arts & Casting, Inc.
Reggio Register Co., Inc., The
Wiemann Metalcraft

Grilles, Forged Metal

Fine Architectural Metalsmiths
Wiemann Metalcraft

Grilles, Metal Plate

Architectural Grille
Wiemann Metalcraft

Grilles, Sheet Metal

Artistry in Architectural Grilles
Wiemann Metalcraft

Metal Repair & Restoration Services

Wiemann Metalcraft

Plaques

See *Signage in Section 9*

Railings, Cast Metal

Historical Arts & Casting, Inc.
Wiemann Metalcraft

Railings, Custom

Fine Architectural Metalsmiths
Historical Arts & Casting, Inc.
Wiemann Metalcraft

Railings, Forged Metal

Fine Architectural Metalsmiths
Wiemann Metalcraft

Railings, Standard Elements

Wiemann Metalcraft

Registers, Cast Metal

Acorn Forged Iron
Decorators Supply Corp.
Historical Arts & Casting, Inc.
Reggio Register Co., Inc., The
Wiemann Metalcraft

Registers, Metal Plate

Architectural Grille
Wiemann Metalcraft

Registers, Sheet Metal

Wiemann Metalcraft

Sheet-Metal Ornament, Custom

EJMcooper Inc.
MetalCeilingExpress
NIKO Contracting Co., Inc.

Sheet-Metal Ornament, Standard Designs

MetalCeilingExpress
W.F. Norman Corp.

Sheet Metal, Architectural

EJMcooper Inc.
NIKO Contracting Co., Inc.

Stair Balustrades, Cast Metal

Historical Arts & Casting, Inc.
Wiemann Metalcraft

Stair Balustrades, Custom

Fine Architectural Metalsmiths
Wiemann Metalcraft

Stair Balustrades, Forged Metal

Compass Ironworks
Fine Architectural Metalsmiths
Wiemann Metalcraft

Stair Balustrades, Standard Elements

Wiemann Metalcraft

Stair Handrails, Cast Metal

Wiemann Metalcraft

Stair Handrails, Custom

Fine Architectural Metalsmiths
Wiemann Metalcraft

Stair Handrails, Forged Metal

Compass Ironworks
Fine Architectural Metalsmiths
Wiemann Metalcraft

Stair Handrails, Standard Elements

Wiemann Metalcraft

Stairs, Curved

Wiemann Metalcraft

Stairs, Custom

Wiemann Metalcraft

Stairs, Monumental

Fine Architectural Metalsmiths
Wiemann Metalcraft

Stairs, Spiral

Wiemann Metalcraft

Stairs, Straight

Wiemann Metalcraft

SECTION 13**PLUMBING, BATH & HEATING****Bathroom Accessories**

House of Antique Hardware
Rocky Mountain Hardware
Subway Ceramics

Bathroom Sinks, Antique Original

Brandt, Sylvan

Bathroom Sinks, Fittings & Parts

House of Antique Hardware

Bathtubs, Antique Original

Brandt, Sylvan

Bathtubs, Fittings & Parts

House of Antique Hardware

Faucets & Fittings, Antique Original

House of Antique Hardware
Rocky Mountain Hardware

Faucets & Fittings, Historical Replicas

House of Antique Hardware

Faucets & Fittings, Traditional Adaptations

Rocky Mountain Hardware

Kitchen Cabinets, Custom

Crown Point Cabinetry

Kitchen Equipment

Fine Architectural Metalsmiths
Historical Arts & Casting, Inc.
NIKO Contracting Co., Inc.

Kitchen Sinks, Antique Original

Brandt, Sylvan

Radiators, Antique & Salvaged

Brandt, Sylvan

Registers, Metal

See Section 12

Registers, Wood

See Section 20

Wine Cellars

Zepa Industries, Inc.

SECTION 14**PROFESSIONAL SERVICES****Education, Training & Workshops**

Andersen Windows and Doors

SECTION 15**ROOFING & ROOF SPECIALTIES****Cresting**

NIKO Contracting Co., Inc.
W.F. Norman Corp.

Cupolas, Custom

Architectural Timber & Millwork
EJMcooper Inc.

Cupolas, Sheet Metal

EJMcooper Inc.
NIKO Contracting Co., Inc.

Cupolas, Standard Designs

Custom Home Accessories, Inc.

Cupolas, Wood

Architectural Timber & Millwork
Custom Home Accessories, Inc.

Domes, Metal

NIKO Contracting Co., Inc.

Finials

Custom Home Accessories, Inc.
EJMcooper Inc.
Historical Arts & Casting, Inc.
NIKO Contracting Co., Inc.
Wiemann Metalcraft

Flashing

EJMcooper Inc.

Gutter Hangers

EJMcooper Inc.

Gutters, Historical Replicas

EJMcooper Inc.

Gutters, Metal

EJMcooper Inc.

Louvers

See Vents

Metal Roofing, Sheet Metal

See Sheet-Metal Roofing

Metal Roofing, Shingles

NIKO Contracting Co., Inc.

Roof Repair Contracting

NIKO Contracting Co., Inc.
Tile Roofs, Inc.

Roof Repair Materials

Ludowici Roof Tile, Inc.

Roof Vents & Louvers

See Vents

Sheet-Metal Roofing, Copper & Coated Copper

NIKO Contracting Co., Inc.

Sheet-Metal Roofing, Steel

NIKO Contracting Co., Inc.

Sheet-Metal Roofing, Terne Family

NIKO Contracting Co., Inc.

Sheet-Metal Roofing, Zinc

NIKO Contracting Co., Inc.

Sheet Metal, Architectural

See Section 12

Skylights

Glass House, LLC
Historical Arts & Casting, Inc.
Renaissance Conservatories

Slate Replicas, Concrete

Tile Roofs, Inc.

Slate Replicas, Fiber Cement

Tile Roofs, Inc.

Slate Roofing, Color Matching

Tile Roofs, Inc.

Slate Roofing, New

Tile Roofs, Inc.

Slate Roofing, Salvaged

Tile Roofs, Inc.

Snowguards

NIKO Contracting Co., Inc.

Tile Roofing, Clay

Ludowici Roof Tile, Inc.
Tile Roofs, Inc.

Tile Roofing, Concrete

Tile Roofs, Inc.

Tile Roofing, Custom Colors & Shapes

Ludowici Roof Tile, Inc.

Tile Roofing, Salvaged

Tile Roofs, Inc.

Vents

NIKO Contracting Co., Inc.

Weather vanes, Custom

Haddonstone (USA), Ltd.
Wiemann Metalcraft

Weather vanes, Standard Designs

Custom Home Accessories, Inc.
Haddonstone (USA), Ltd.

SECTION 16**SALVAGED MATERIALS & ANTIQUES****Architectural Antiques & Salvage**

Brandt, Sylvan

Barn Siding, Antique

Brandt, Sylvan
Chestnut Specialists, Inc.

Bathtubs, Antique Original

See Section 13

Brick, Salvaged

Gavin Historical Bricks Inc.

Building Materials, Salvaged

Brandt, Sylvan
Tile Roofs, Inc.

Columns & Capitals, Antique Original

See Section 2

Faucets, Antique Original

See Section 13

Glass, Antique Original

Brandt, Sylvan

Green-Building Products

Monarch Stone International
New World Stoneworks
St. Louis Antique Lighting Co.
Tile Roofs, Inc.

Hardware, Antique Original

See Section 4

Lighting Fixtures, Antique Original

See Section 10

Mantels, Antique Original

See Section 11

Plumbing Parts, Antique Original

See Section 13

Sinks, Antique Original

See Section 13

Stone, Salvaged

Monarch Stone International

Timber Frames, Antique & Salvaged

See Section 18

Timbers, Antique & Salvaged

Brandt, Sylvan
Chestnut Specialists, Inc.

Wood Boards, Antique & Salvaged

Brandt, Sylvan
Chestnut Specialists, Inc.

Wood Flooring, Antique

See Section 7

SECTION 17**STONE, BRICK & MASONRY****Balustrades**

See Section 6

Brick, Custom

Belden Brick Co., The
Gavin Historical Bricks Inc.

Brick, Face

Belden Brick Co., The
Gavin Historical Bricks Inc.

Brick, Handmade

Belden Brick Co., The

Brick, Paving

See Section 9

Brick, Salvaged

See Section 16

Brick, Special Shapes

Belden Brick Co., The

Cast-Stone Architectural Elements

See Section 6 for Exterior and
Section 8 for Interior

Cast Stone, Custom Casting

Haddonstone (USA), Ltd.

Pavers

See Section 9

Stone, Building

Monarch Stone International
New World Stoneworks

Stone, Dimensional Cut

Monarch Stone International
New World Stoneworks

Stone, Fieldstone

New World Stoneworks

Stone, Hand Carved

Monarch Stone International
New World Stoneworks

Stone, Machine Carved

New World Stoneworks

Stone, Salvaged

See Section 16

Stone, Veneer

New World Stoneworks

SECTION 18**TIMBER FRAMING & BARNs****Timber-Frame Design Services**

Early New England Homes by
Country Carpenters

Timber Frames, Antique & Salvaged

Architectural Timber & Millwork
Brandt, Sylvan

Timber Frames, New

Architectural Timber & Millwork

Timber Trusses

Hochstetler Milling, Ltd.

SECTION 19**TOOLS & EQUIPMENT****Water-Jet Cutting**

Architectural Grille

SECTION 20**WOODWORK****Antique Wood**

See Wood Flooring in Section 7
and Timbers and Wood Boards in
Section 16

Architectural Millwork

See Millwork

Balusters

See Staircase Parts

Beams

See Timbers

Blinds

See Shutters in Section 4

Boards, Antique

See Wood Boards, Antique &
Salvaged, in Section 16

Boards, Wide

See Wood Flooring, Wide Board, in
Section 7

Brackets

See Section 6 for Exterior and
Section 8 for Interior

Cabinets, Custom

Crown Point Cabinetry

Carvings, Custom

Agrell Architectural Carving Ltd.
Decorators Supply Corp.
White River Hardwoods-
Woodworks

Carvings, Hand Carved

Agrell Architectural Carving Ltd.
Decorators Supply Corp.
White River Hardwoods-
Woodworks

Carvings, Machine Carved

Klise Mfg. Co.
White River Hardwoods-
Woodworks

Carvings, Standard Designs

Agrell Architectural Carving Ltd.
Decorators Supply Corp.
White River Hardwoods-
Woodworks

Casework

Crown Point Cabinetry
Decorators Supply Corp.
White River Hardwoods-
Woodworks

Corbels

See Brackets in Section 6 for
Exterior and Brackets in Section 8
for Interior

Grilles

Andersen Windows and Doors
Decorators Supply Corp.
Reggio Register Co., Inc., The

Millwork, Custom

Architectural Components, Inc.
Chadsworth Columns
Heritage Wide Plank Flooring
Zepa Industries, Inc.

Millwork, Exterior

Architectural Components, Inc.
Chadsworth Columns
Heritage Wide Plank Flooring

Millwork, Historical Replicas

Architectural Components, Inc.
Chadsworth Columns
Decorators Supply Corp.

Millwork, Interior

Architectural Timber & Millwork
Chadsworth Columns
Decorators Supply Corp.
Heritage Wide Plank Flooring
Klise Mfg. Co.
Zepa Industries, Inc.

Millwork, Monumental Grade

Zepa Industries, Inc.

Millwork, Standard Designs

Andersen Windows and Doors
Chadsworth Columns
Decorators Supply Corp.

Moldings, Compo

Decorators Supply Corp.

Moldings, Custom

Agrell Architectural Carving Ltd.
Decorators Supply Corp.
Heritage Wide Plank Flooring
Klise Mfg. Co.
White River Hardwoods-
Woodworks

Moldings, Historical Replicas

Decorators Supply Corp.
Klise Mfg. Co.
White River Hardwoods-
Woodworks

Moldings, Polymer

See Section 8

Moldings, Standard Designs

Decorators Supply Corp.
Heritage Wide Plank Flooring
White River Hardwoods-
Woodworks

Moldings, Wood

Agrell Architectural Carving Ltd.
Decorators Supply Corp.
Heritage Wide Plank Flooring
Klise Mfg. Co.
White River Hardwoods-
Woodworks

Moldmaking & Casting Materials

See Interior Molded Ornament,
Custom Models & Moldmaking,
in Section 8

Paneling, Custom

Agrell Architectural Carving Ltd.
Architectural Components, Inc.
Architectural Timber & Millwork
Crown Point Cabinetry
Heritage Wide Plank Flooring
White River Hardwoods-
Woodworks
Zepa Industries, Inc.

Paneling, Standard Designs

Agrell Architectural Carving Ltd.
White River Hardwoods-
Woodworks

Registers

Decorators Supply Corp.

Staircase Parts, Balusters

Zepa Industries, Inc.

Staircase Parts, Handrails

Zepa Industries, Inc.

Staircase Parts, Newel Posts

Zepa Industries, Inc.

Stairs, Custom

Zepa Industries, Inc.

Timbers, Antique & Salvaged

See Section 16

Timbers, Custom Cut

Architectural Timber & Millwork
Hochstetler Milling, Ltd.

Timbers, Large

Architectural Timber & Millwork
Hochstetler Milling, Ltd.

Wainscoting

See Paneling

<p>Acorn Forged Iron 508-339-4500; Fax: 508-339-0104 www.acornmfg.com Mansfield, MA 02048</p>	<p>Manufacturer of Early American-style hand-forged iron registers & grilles & iron & stainless-steel door & window hardware: latches, knockers & pulls; garage, shutter, furniture & wood-gate hardware; Tremont steel-cut nails for restoration projects. Click on No. 1690</p>	<p>Artistry in Architectural Grilles 516-488-0628; Fax: 516-488-0728 www.aagrilles.com New Hyde Park, NY 11040</p>	<p>Custom manufacturer & designer of perforated sheet metal & linear bar grilles: floor, wall, sill, ceiling, radiator & HVAC applications; aluminum, brass, bronze, steel, stainless steel; ornamental & decorative functions; affiliates of the American Institute of Architects NY chapter (AIANY) & the U.S. Green Building Council (USGBC). Call for more information.</p>
<p>Agrell Architectural Carving Ltd. 415-457-4422; No fax www.agrellcarving.com San Rafael, CA 94901</p>	<p>Custom fabricator of wood carvings: hand-carved decorative moldings, capitals, brackets, furnishings, onlays & mantels; large-scale capacity for residential & religious buildings throughout the U.S. & Europe.</p>	<p>Authentic Designs 800-844-9416; Fax: 802-394-2422 www.authenticdesigns.com West Rupert, VT 05776</p>	<p>Manufacturer of Early American & Colonial lighting fixtures: brass, copper, terne metal & Vermont maple; interior & exterior mountings; CUL/UL-listed for wet & damp locations; lanterns, sconces, table lamps, chandeliers & pendants; custom work available. Click on No. 60</p>
<p>Allied Window, Inc. 800-445-5411; Fax: 513-559-1883 www.alliedwindow.com Cincinnati, OH 45241</p>	<p>Manufacturer of "invisible" interior/exterior aluminum storm windows: all custom shapes & colors; screens; magnetic, sliding, lift-out & mechanical fastenings; UV-resistant, low-E, tempered, acrylic & lexan glazing. Click on No. 690</p>	<p>Ball & Ball Hardware 610-363-7330; Fax: 610-363-7639 www.ballandball.com Exton, PA 19341</p>	<p>Manufacturer of furniture, cabinet, window, shutter & door hardware: brass, cast iron, bronze, wrought iron & steel; new reproduction & antique/reconditioned hardware; fire-place accessories; restoration services. Click on No. 2930</p>
<p>Andersen Windows and Doors 651-264-5150; No fax www.andersenwindows.com Bayport, MN 55003</p>	<p>Manufacturer of wood windows & patio doors: contemporary & traditional styles; Frank Lloyd Wright art-glass collection. Click on No. 1722</p>	<p>Ball & Ball Lighting 610-363-7330; Fax: 610-363-7639 www.ballandball.com Exton, PA 19341</p>	<p>Manufacturer of historical lighting fixtures: lanterns, sconces, table/floor lamps, chandeliers & pendants; porch & gas lighting; brass, tin, copper, pewter, iron & bronze; restoration & refitting; stock & custom. Click on No. 7660</p>
<p>Ann Wallace & Friends 213-614-1757; Fax: 213-614-1758 www.annwallace.com Los Angeles, CA 90079</p>	<p>Manufacturer of Arts & Crafts-style curtains & home textiles in natural fibers: plain or appliquéd designs on Irish linen or cotton; stock & custom; kits & yardage. Click on No. 1201</p>	<p>Belden Brick Co., The 330-456-0031; Fax: 330-456-2694 www.beldenbrick.com Canton, OH 44702</p>	<p>Manufacturer of brick: variety of colors, textures, sizes; stock & custom shapes; color matching; jack arches, water tables, bullnoses, coping caps, pavers, face brick, brick sculpture & more. Click on No. 1500</p>
<p>Architectural Components, Inc. 413-367-9441; Fax: 413-367-9461 www.architecturalcomponentsinc.com Montague, MA 01351</p>	<p>Custom fabricator of wood windows & doors: traditional details, materials & joinery; paneled, carved, louvered, French, pocket & art-glass doors; complete entryways; screen & storm doors; casings & moldings; mantels; replications. Call for more information.</p>	<p>Benson Energy 801-273-1800; No fax www.bensonenergy.com www.controlcover.com Holladay, UT 84124</p>	<p>Manufacturer of All Season Control Cover chimney-top fireplace dampers: standard & custom sizes; saves energy & prolongs chimney life; seals out moisture, pests & biochemical agents. Click on No. 174</p>
<p>Architectural Grille 800-387-6267; Fax: 718-832-1390 www.archgrille.com Brooklyn, NY 11215</p>	<p>Supplier of grilles: custom perforated & linear bar; aluminum, brass, bronze, stainless steel & steel; variety of finishes; stock sizes; water-jet & laser cutting. Click on No. 2220</p>	<p>Brandt, Sylvan 717-626-4520; Fax: 717-626-5867 www.sylvanbrandt.com Lititz, PA 17543</p>	<p>Supplier of 18th- & 19th-century building materials salvaged from old houses & barns: columns, doors, shutters, mantels, sinks & bathtubs; antique & resawn flooring; antique heart pine, ancient oak, chestnut, white pine & hemlock; radiators; since 1960. Click on No. 3950</p>
<p>Architectural Resource Center 800-370-8808; Fax: 603-942-7465 www.aresource.com Northwood, NH 03261</p>	<p>Supplier of door, window & cabinet hardware: pulleys, weights, chains, lifts, locks, levers, hinges, escutcheon plates, door stops & more. Click on No. 1670</p>	<p>Architectural Timber & Millwork 800-430-5473; Fax: 413-586-3046 www.atimber.com Hadley, MA 01035</p>	<p>Custom fabricator of cupolas, steeples & domes: surveying, design, structural & ornamental work & rigging & installation services for historic structures; timber framing, flooring, doors & columns; cabinetry, paneling & woodwork. Click on No. 3290</p>
<p>Artistic Doors & Windows 800-278-3667; Fax: 732-726-9494 www.artisticdoorsandwindows.com Avenel, NJ 07001</p>	<p>Custom fabricator of hardwood doors & windows: all fenestration styles & types; IBC 2000 impact-approved entry doors & windows; stile-&-rail interior doors with fire ratings to 90-min. positive pressure; multiple hardwood species. Click on No. 363</p>	<p>Chadsworth Columns 800-486-2118; Fax: 910-763-3191 www.chadsworth.com Wilmington, NC 28402</p>	<p>Manufacturer of authentically correct architectural columns: complete line of columns, piers, pilasters & posts; interior & exterior; variety of sizes, styles & materials; 4 different grade levels of wood columns; interior molded ornament; millwork. Click on No. 1580 for PolyStone; 180 for wood</p>

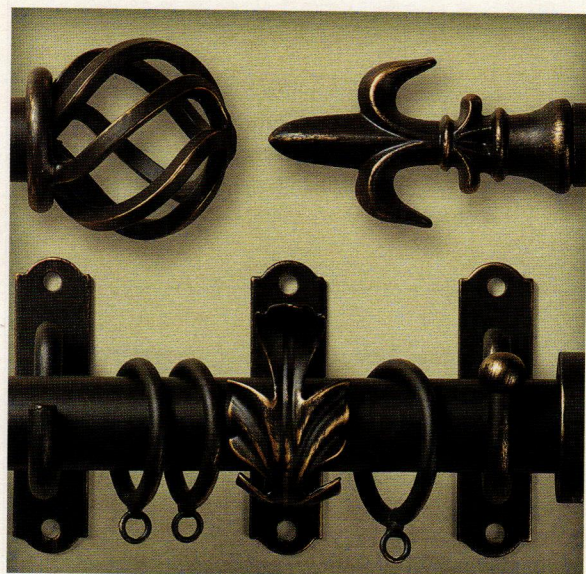
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<p>Hochstetler Milling, Ltd. 419-368-0008; Fax: 419-368-6080 552 State Route 95 Loudonville, OH 44842</p>	<p>Supplier of new barn timbers: oak up to 40-ft. long; planed & rough sawn; 2x6 & 1x6 tongue-&-groove knotty pine. Click on No. 259</p>	<p>Monarch Stone International 949-498-0971; Fax: 949-498-0941 www.historiceuropean cobblestone.com San Clemente, CA 92673</p>	<p>Supplier of Historic European Cobblestone: genuine antique, reclaimed cobblestone; 100-to 400-year-old granite & sandstone cobbles & curbing; large selection of sizes; nationwide shipping. Click on No. 1698</p>
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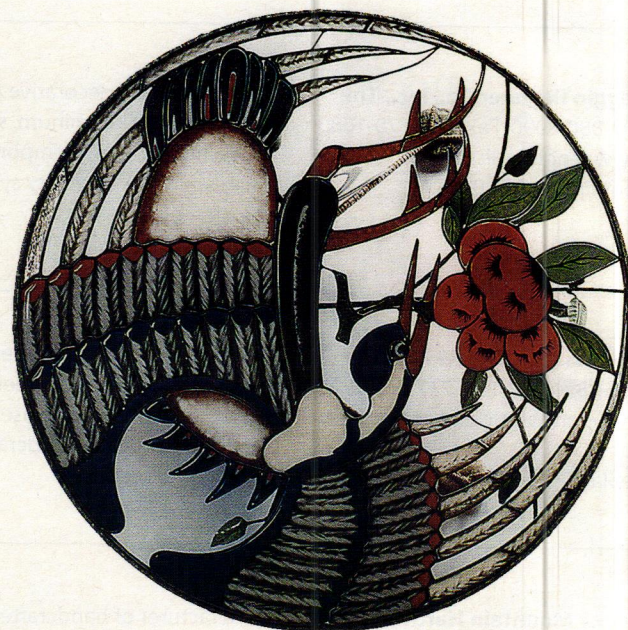
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This mixed-media sculpted art table by Fine Architectural Metalsmiths was inspired by a Ming Dynasty tapestry. Click on No. 2640

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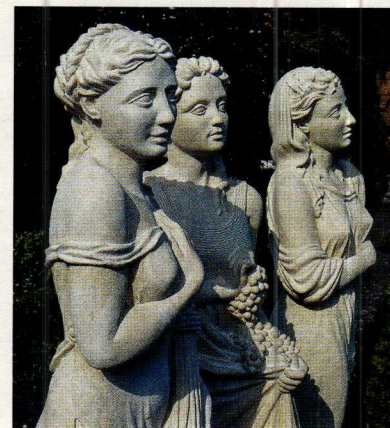


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These statues, "Summer," "Autumn" and "Winter," were created by Haddonstone (USA) Ltd.
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Columns & Capitals



This wooden pilaster capital was hand carved by the artisans at **Agrell Architectural Carving Ltd.**

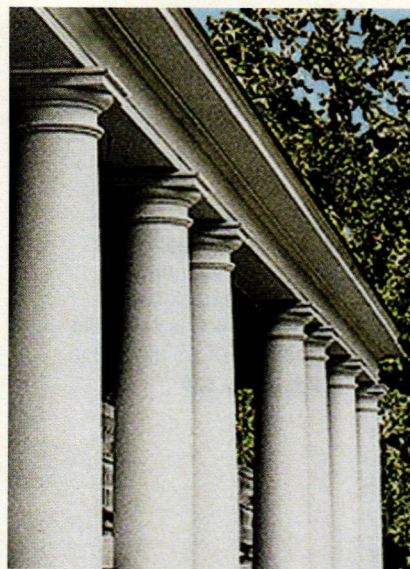


These fluted columns were supplied by **Haddonstone (USA) Ltd.**
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Columns & Capitals continued



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Chadsworth Columns' pergolas are made using the firm's PolyStone columns with advanced cellular or fiberglass components; they are available painted or unpainted. **Click on No. 1580 for Polystone; 180 for wood**



The 12x12-ft. treated-pine ramada from **Fifthroom.com** includes a cupola, asphalt shingles and a custom stain. **Click on No. 1713**



This gabled, mahogany-framed conservatory was fabricated by **Glass House, LLC**. **Click on No. 1870**

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This mahogany conservatory was designed and built by **Renaissance Conservatories**. Click on No. 378



This gazebo features **W.F. Norman Corp.**'s style A shingles with its continuous hip finish and a custom-made finial on top. Click on No. 520



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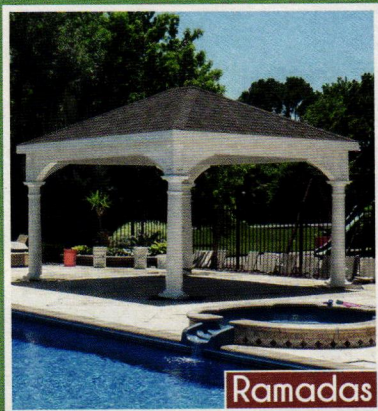
This Haddonstone (USA) Ltd. orangery with balustrading and Tuscan pilasters makes an ideal pool house. Click on No. 4020

Doors, Windows, Shutters & Hardware



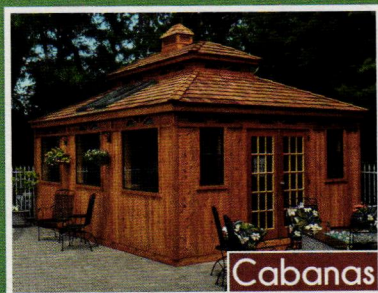
These "S" shutter holdbacks are available in various sizes from Acorn Forged Iron. Click on No. 1690

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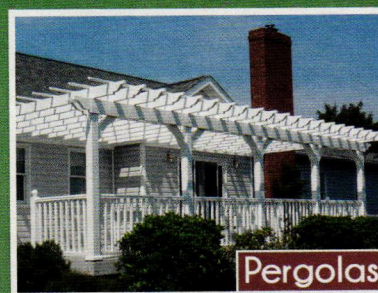
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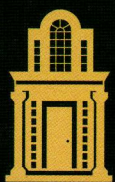


Storm windows from Allied Window, Inc. can be made to match any traditional window style. Click on No. 690



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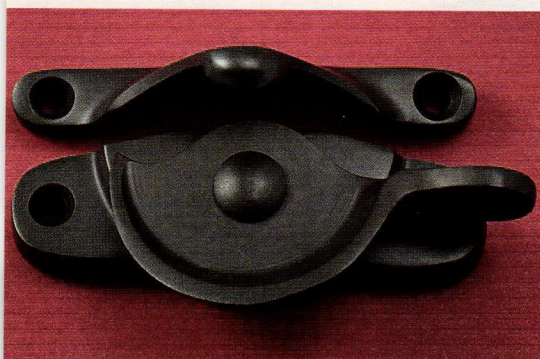
Architectural Components restored the windows, doors and reproduction 18th-century hardware for the Jacob Whittemore House at the Minuteman National Historic Park in Lexington, MA. **Call for more information.**



The model LKF18 sash lock from **Phelps Company** is hot-forged from solid brass and CNC machined; it features a double stainless steel spring mechanism for smooth operation. **Click on No. 6001**



Ball & Ball Hardware restored and refinished this decorative door pull. **Click on No. 2930**



This sash window lock is one of many traditional styles available from **Architectural Resource Center**. **Click on No. 1670**

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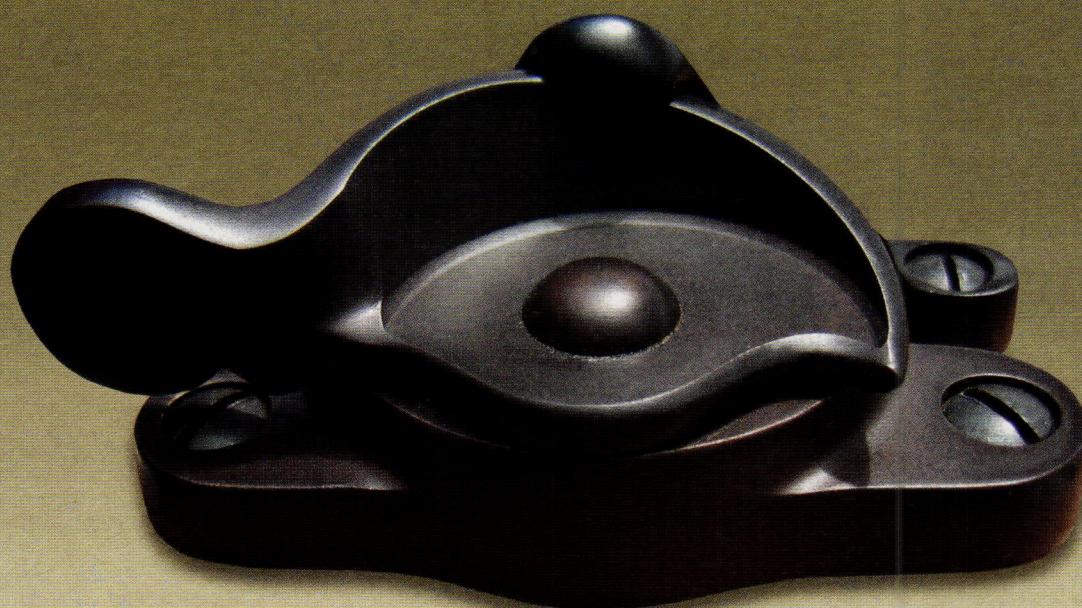
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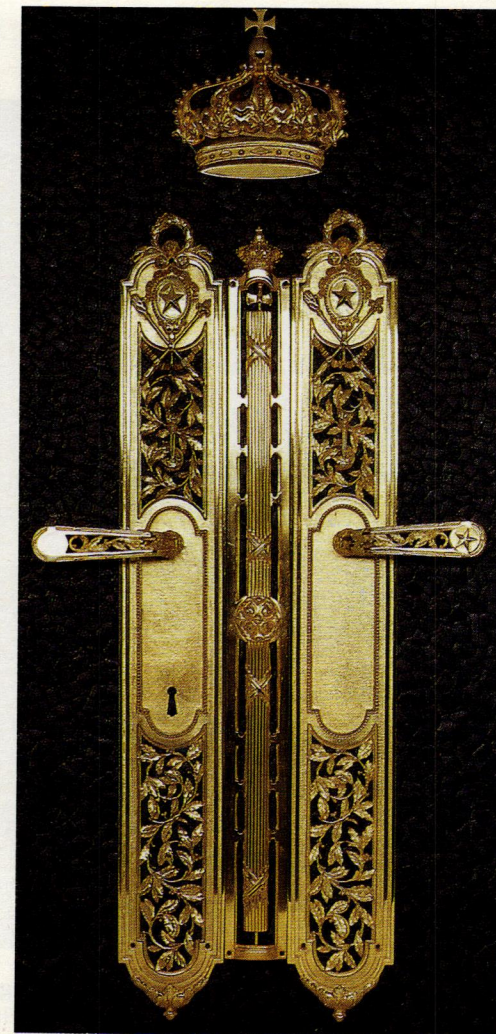


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This traditional door set and steeple-tip door hinge are available from **House of Antique Hardware** in nine finishes. **Click on No. 339**



Innerglass Window Systems supplied the interior glass storm windows for this room. **Click on No. 909**



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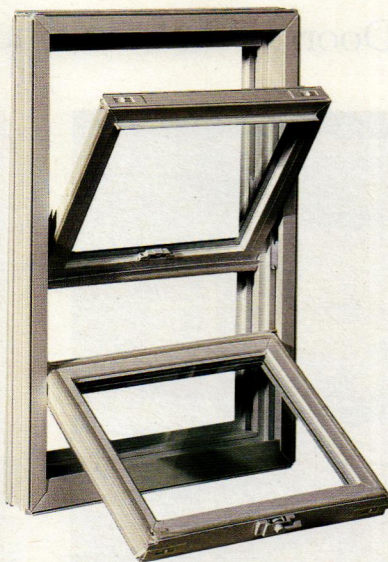
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This cast-bronze window from **Historical Arts & Casting, Inc.** is available in various sizes. **Click on No. 1210**



Windquest vinyl windows from **Kolbe & Kolbe Millwork Co.** are designed to provide protection from hurricanes and gale-force winds.



The Ultimate Outswing French Door is one of many traditionally-styled doors available from **Marvin Windows and Doors**. **Click on No. 1611**



Artistic Doors & Windows custom fabricated the wood windows and the entry door of this building. **Click on No. 363**







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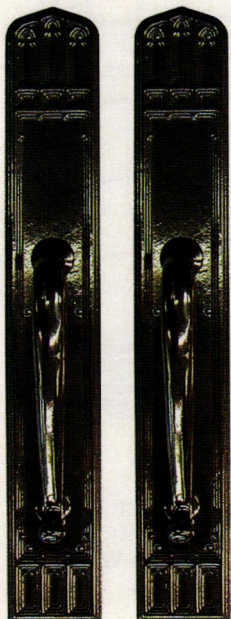


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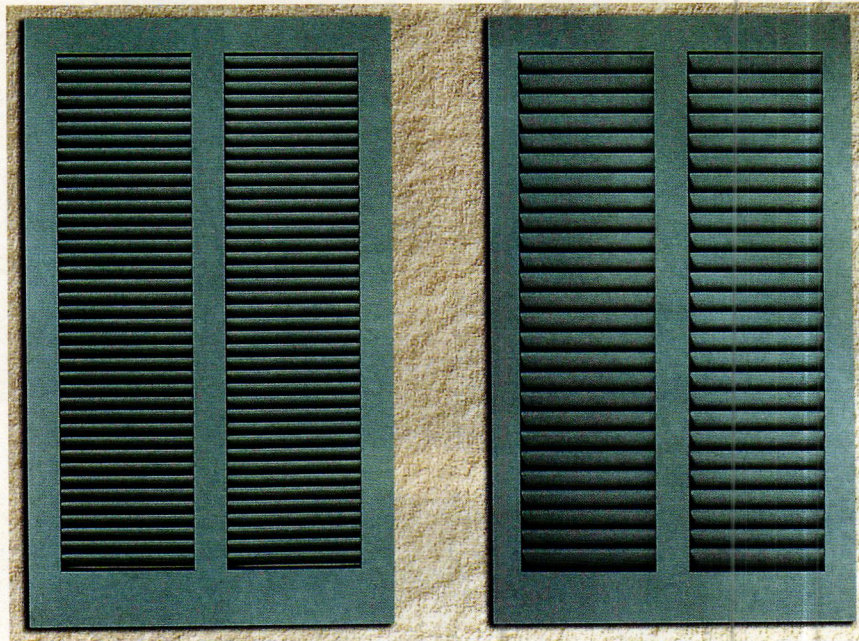
Doors, Windows, Shutters & Hardware continued



This custom door set was designed and fabricated by **Rocky Mountain Hardware**. Click on No. 7720



Kayne & Son Custom Hardware fabricated the historically-styled hardware for this custom door. Call for more information.



These Bermuda shutters from **Timberlane, Inc.**, available in any louver size with the option of large or small tilt-rods, are designed for sun screening and moderate storm protection. Click on No. 1595 for Endurian; 1056 for wood

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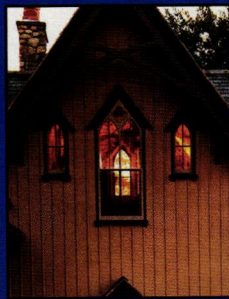
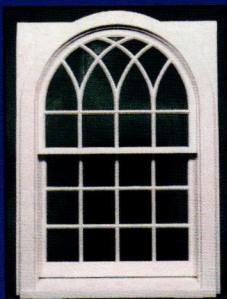
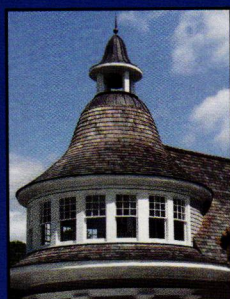
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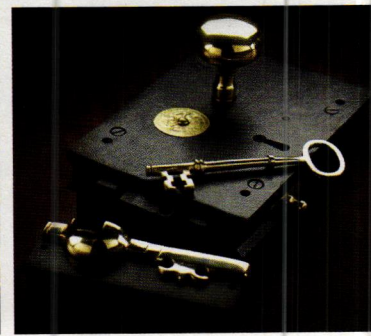
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Wiemann Metalcraft fabricated these bronze Art Deco door panels. Click on No. 1223

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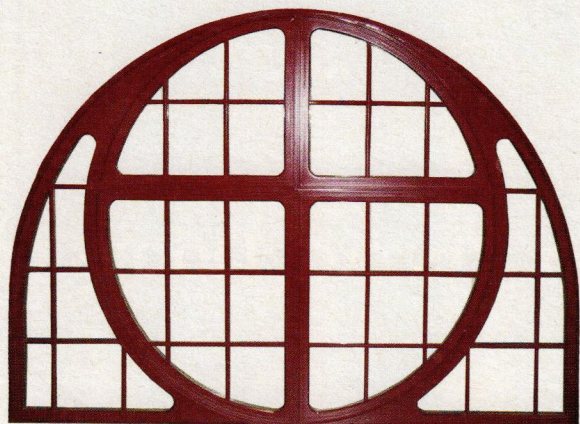
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Fixed windows with removable grilles are available from **Parrett Windows & Doors** with simulated divided lites (shown here) or true divided lites. **Click on No. 3003**



This exterior door is one of many custom styles by **Vintage Doors**. **Click on No. 1727**

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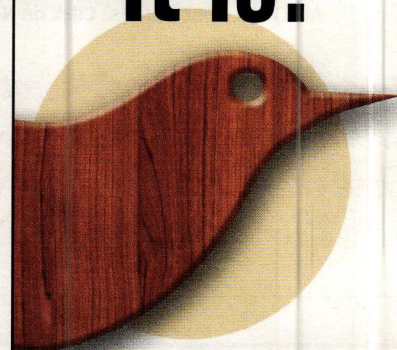


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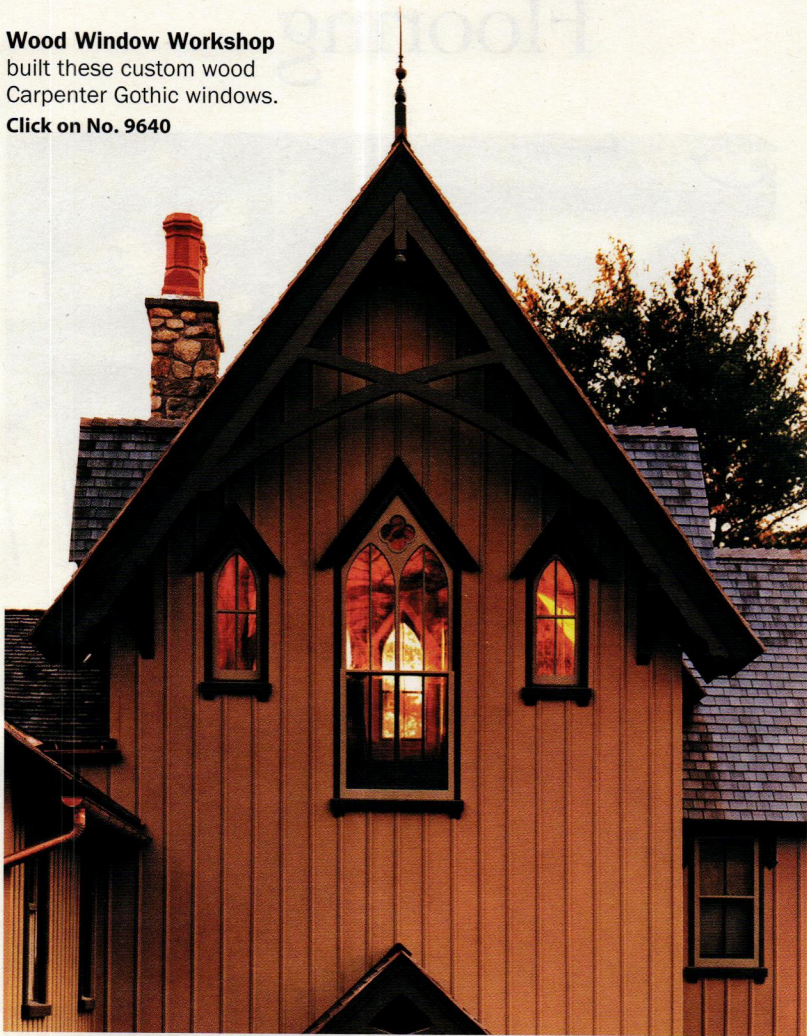
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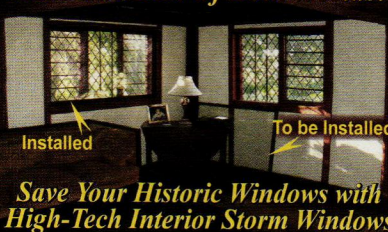
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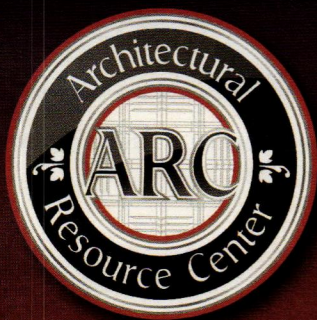
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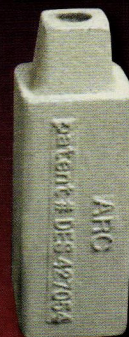


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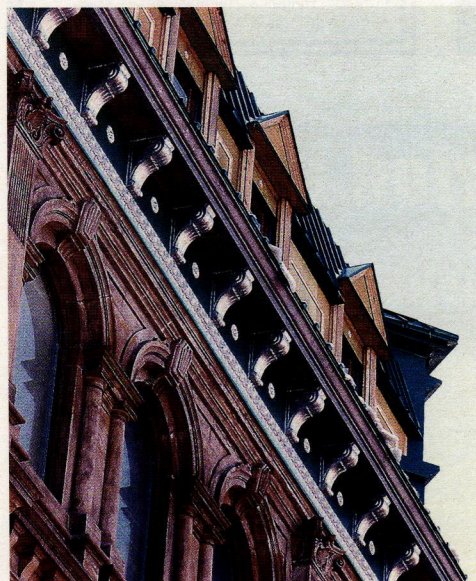


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Exterior Elements, Ornament, Finishes & Siding



Chadsworth Columns' polymer balustrades flatter the Classical look of stone. Click on 1580 for Polystone; 180 for wood



This stamped sheet-metal cornice was fabricated by **W.F. Norman**. Click on No. 520

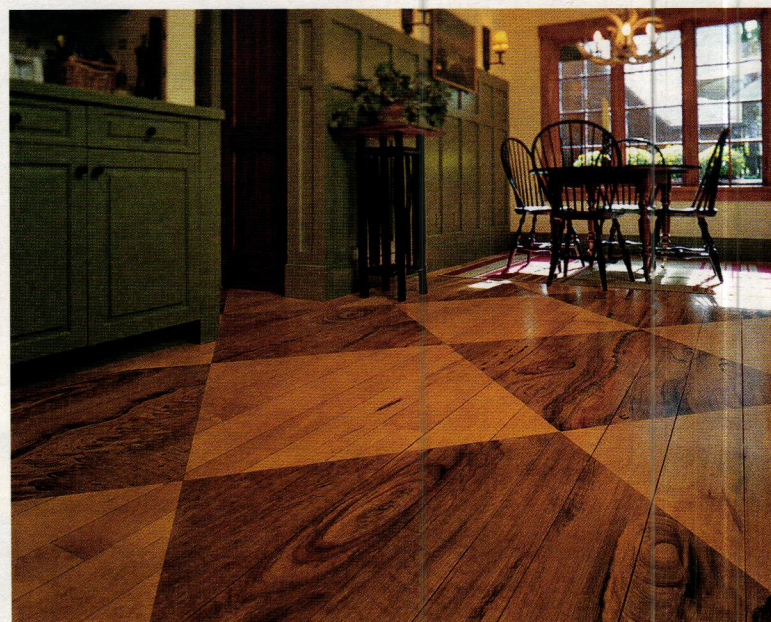


Haddonstone (USA) Ltd.'s line of architectural stonework includes a wide range of balustrade systems. Click on No. 4020

Flooring



Architectural Timber and Millwork provided the antique white oak beams and distressed pillow-edge white oak flooring for this room. Click on No. 3290



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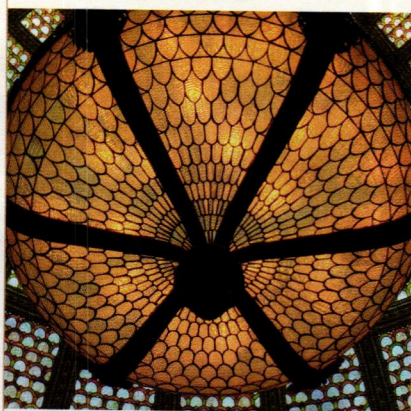
Reclaimed flooring from **Chestnut Specialists, Inc.** creates historic ambience in this room. Click on No. 8780



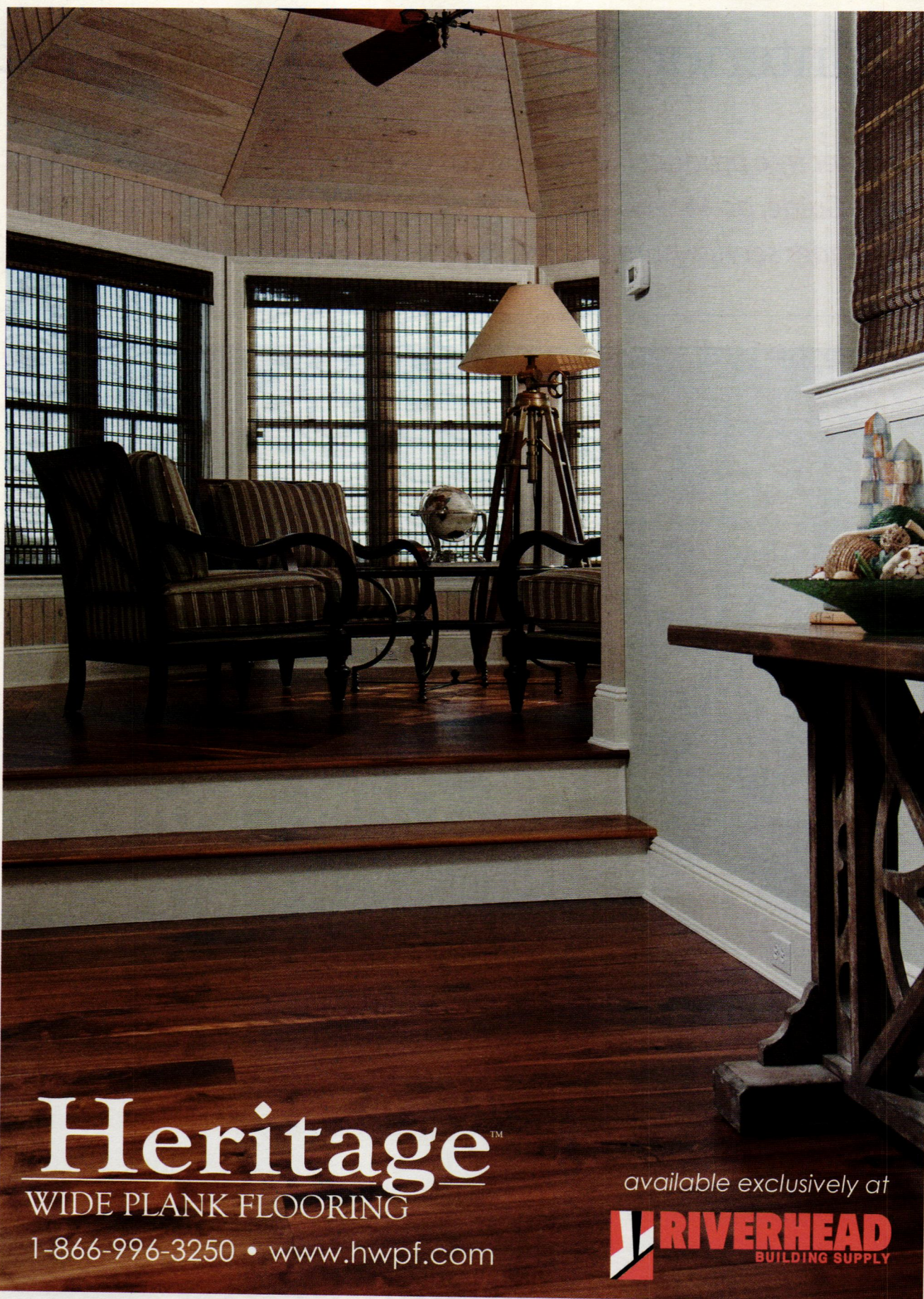
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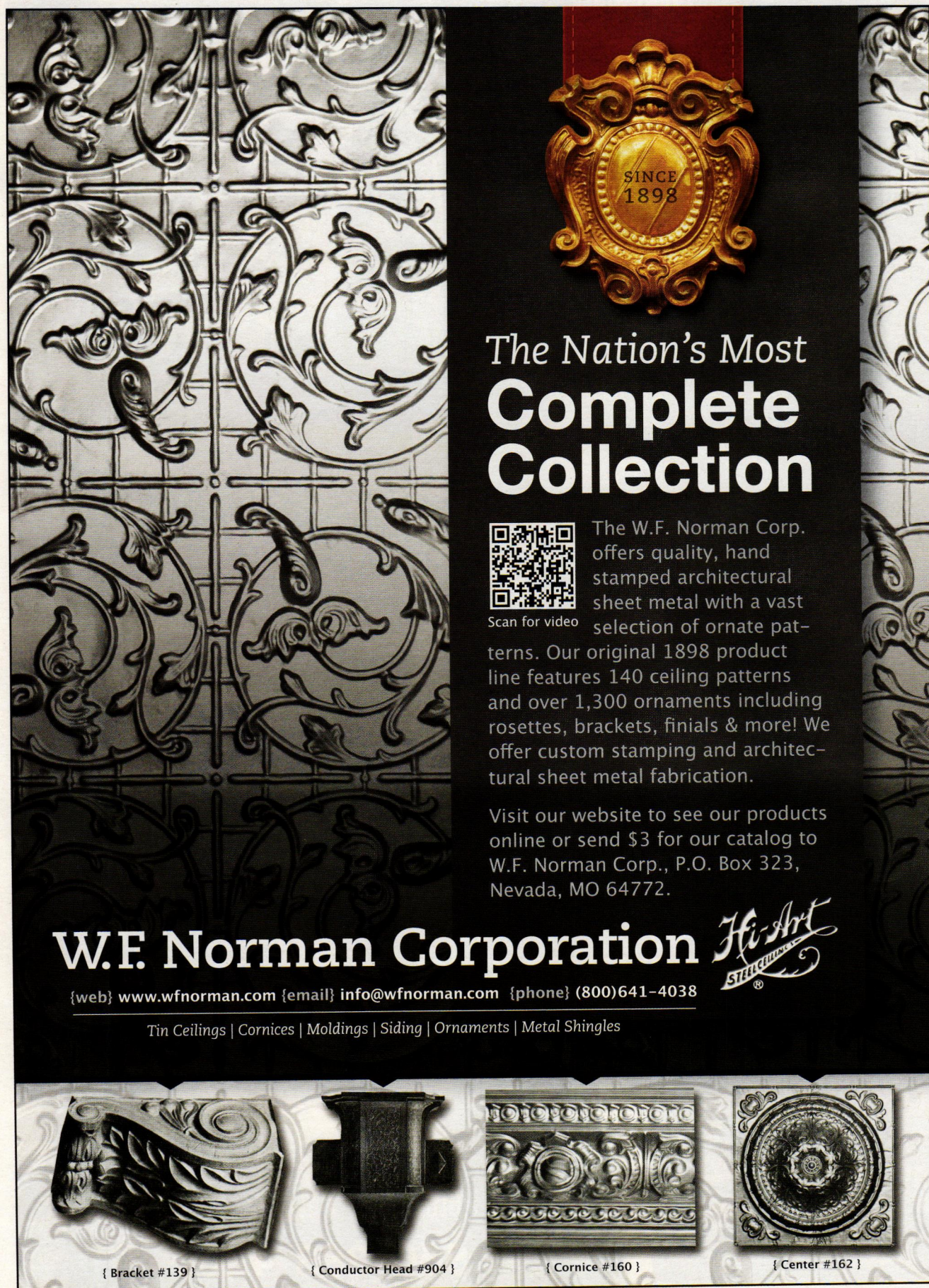
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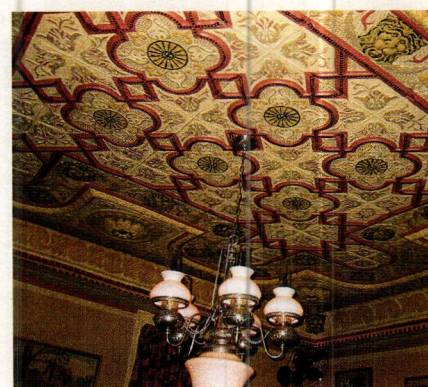
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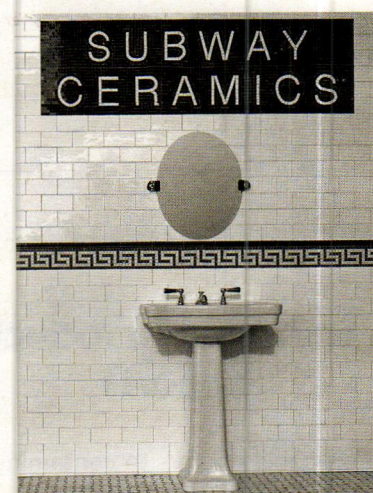
{ Cornice #160 }

{ Center #162 }

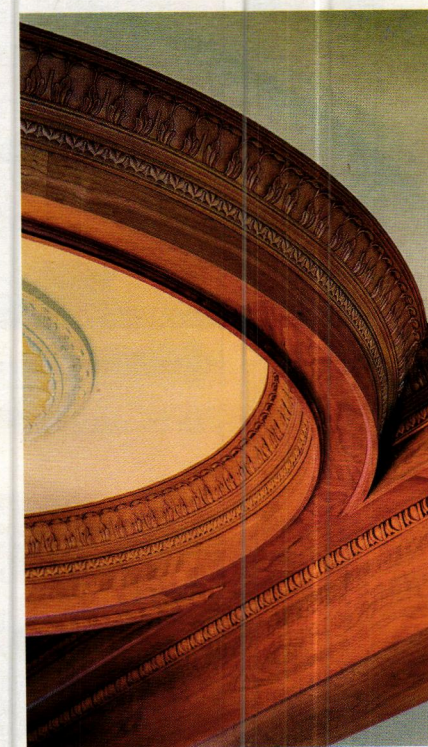
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This Oriental-style ceiling was created using pressed-tin panels from **W.F. Norman Corp.**
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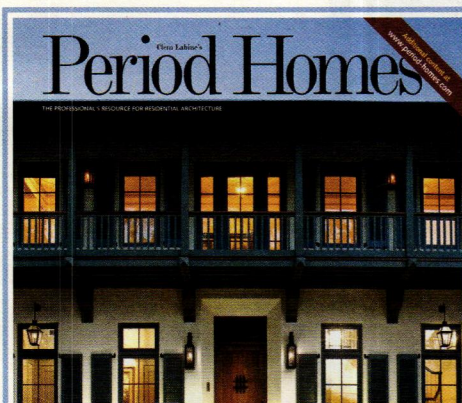


These ornate wood moldings were manufactured by **White River Hardwoods-Woodworks.**

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This plaster and compo combination is one of many traditionally styled ceilings available from **Decorators Supply Corp.** Click on No. 210

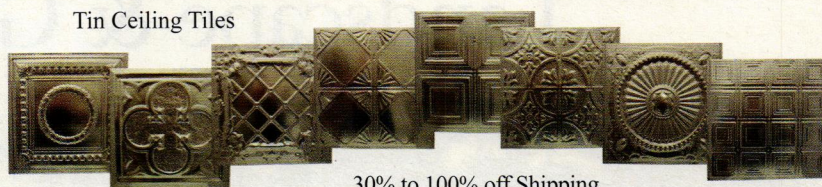


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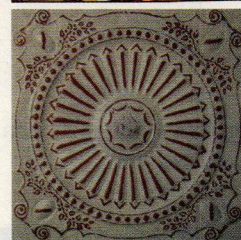
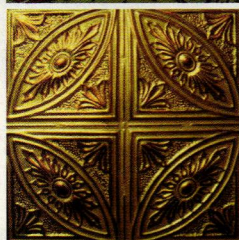
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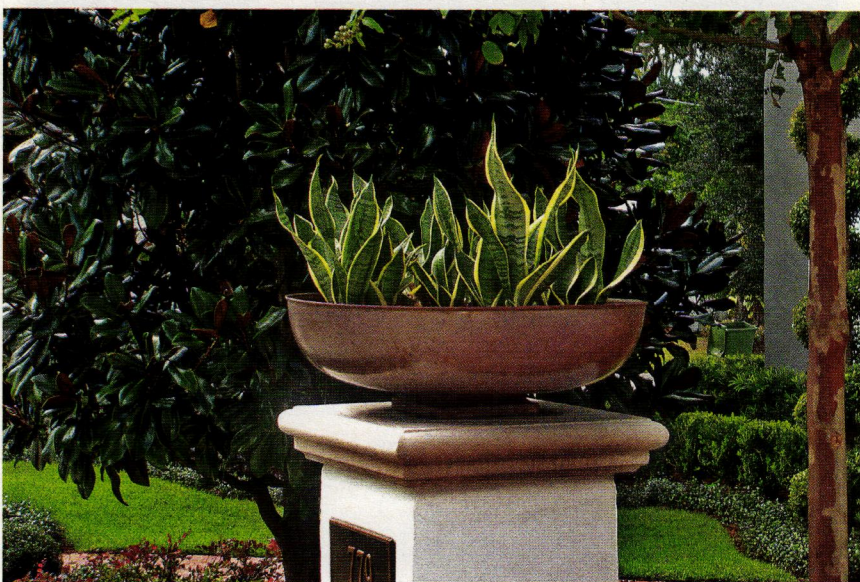
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This copper planter was fabricated by **EJMcopper Inc.** Click on No. 588



The 17x9-ft. Rough Cut Oasis pergola is available from **Fifthroom.com**. Click on No. 1713



The Iris gate, featuring forged leaves and flowers, was custom fabricated by **Fine Architectural Metalsmiths**. Click on No. 2640

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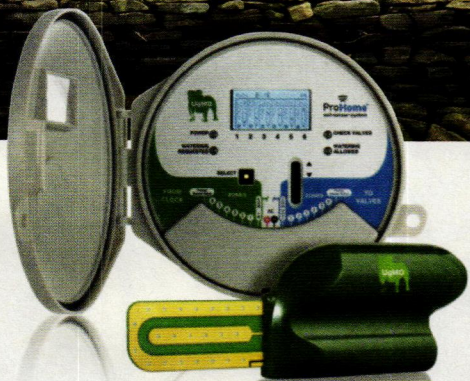


Haddonstone (USA) Ltd.'s standard planters, bench seats, edgings, statuary, plaques, columns and entablatures were used to create a medal-winning display at the Chelsea Flower Show in England. Click on No. 4020

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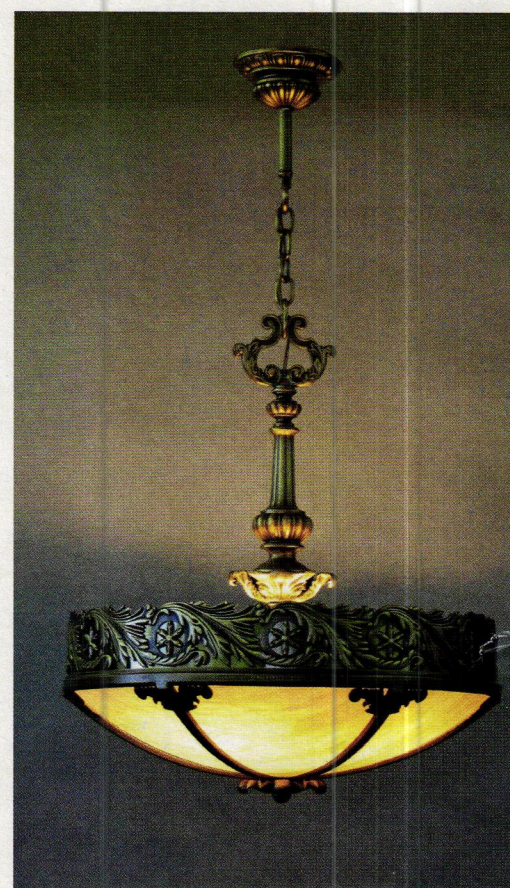
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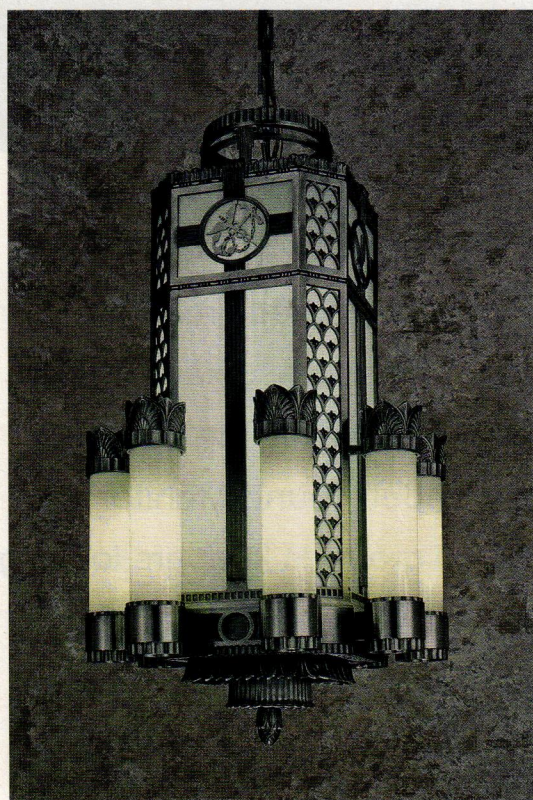
Authentic Designs manufactured this three-candle electric fixture.
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This wall-mounted copper lantern is typical of those created by **Ball & Ball Lighting**; it can be mounted on a post or pillar. Click on No. 7660



This pendant light fixture is by **St. Louis Antique Lighting Co.**



Crenshaw Lighting restored and replicated Art Deco fixtures for this building; they are made of cast- and machined-aluminum components with white glass lenses.
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The overall height of this two-light cast-bronze lantern from **Deep Landing Workshop** is 23 in. and the body is 17 ¾-in. tall; it projects 13 ½ in. from the wall.
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The Invisible Lightswitch from **Forbes & Lomax** has an acrylic plate and can be supplied with toggle switches and rotary or push-button dimmers.
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These chandeliers were fabricated by **Fine Architectural Metalsmiths**.
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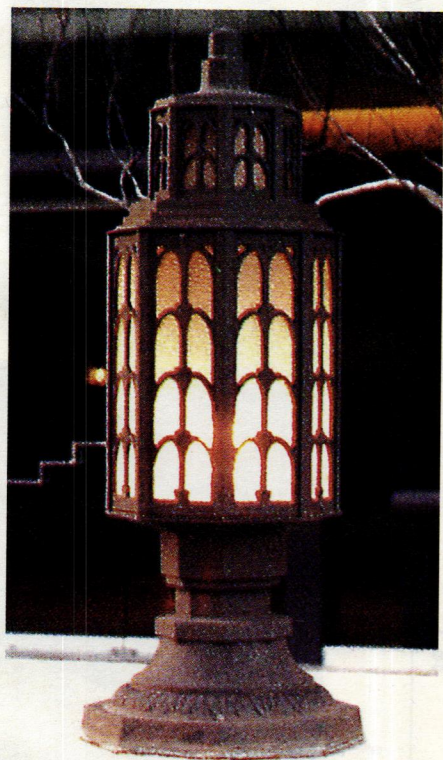
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Herwig Lighting designed and manufactured this cast-metal light fixture.
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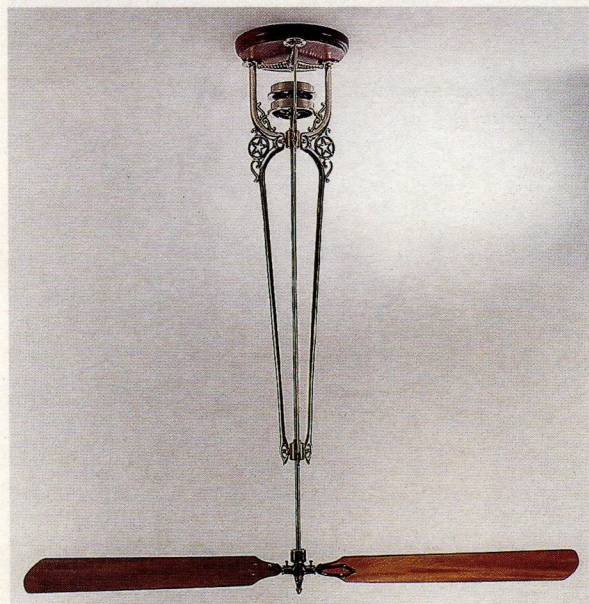


Historical Arts & Casting, Inc. custom fabricated this cast-metal gas-burning lantern. Click on No. 1210



This handmade reproduction light fixture from **Period Lighting Fixtures** was adapted from a Sturbridge Village design.
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Lighting & Electrical continued



The Moa belt-and-pulley fan, available in solid bronze from **Woolen Mill Fan Co.**, has handmade solid-mahogany blades. **Click on No. 316**

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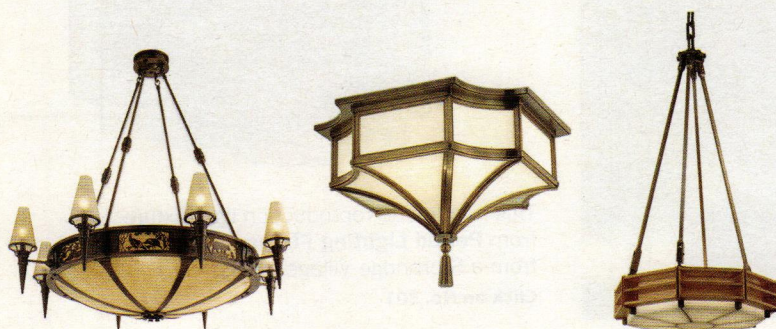
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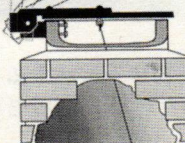
All Season Control Cover custom covers and hardware are available from **Benson Energy**. **Click on No. 174**



Classical architectural elements from **Decorators Supply Corp.**, such as this mantel, were used to enhance this room. **Click on No. 210**

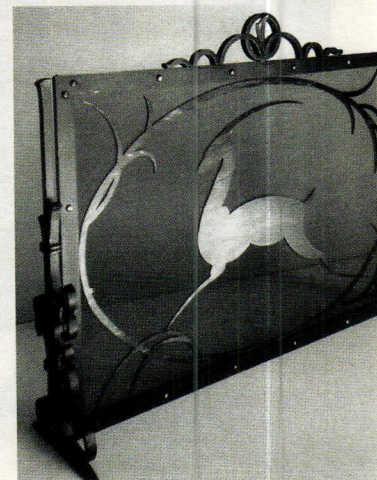
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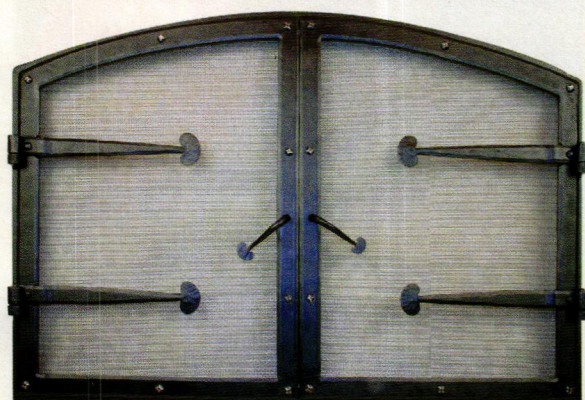
This fireplace screen from **Fine Architectural Metalsmiths** features a bronze antelope. **Click on No. 2640**



EJMcopper Inc. fabricated this chimney cap, which includes a bug screen. **Click on No. 588**



The cast-stone Tall Manor fireplace by **Haddonstone (USA) Ltd.** features a simple Gothic arch. **Click on No. 4020**



Kayne & Son Custom Hardware, Inc. hand forged this arched-top fireplace enclosure, which features bean-strap hinges and levers. **Call for more information.**

This mantel was created by **White River Hardwoods-Woodworks.**



Metalwork



Acorn Forged Iron manufactures a variety of hardware, railings and decorative work. **Click on No. 1690**

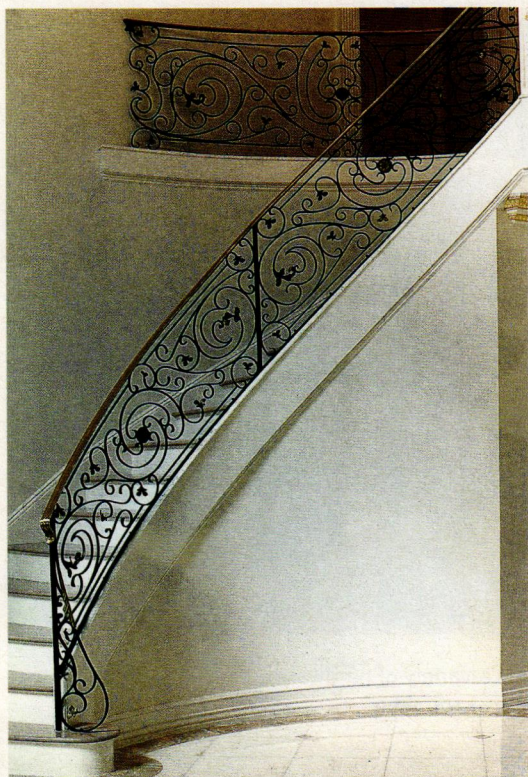


This radiator cover was manufactured by **Artistry in Architectural Grilles.** **Call for more information.**



This traditionally-styled wrought-iron staircase was handcrafted by **Compass Ironworks.** **Click on No. 1719**

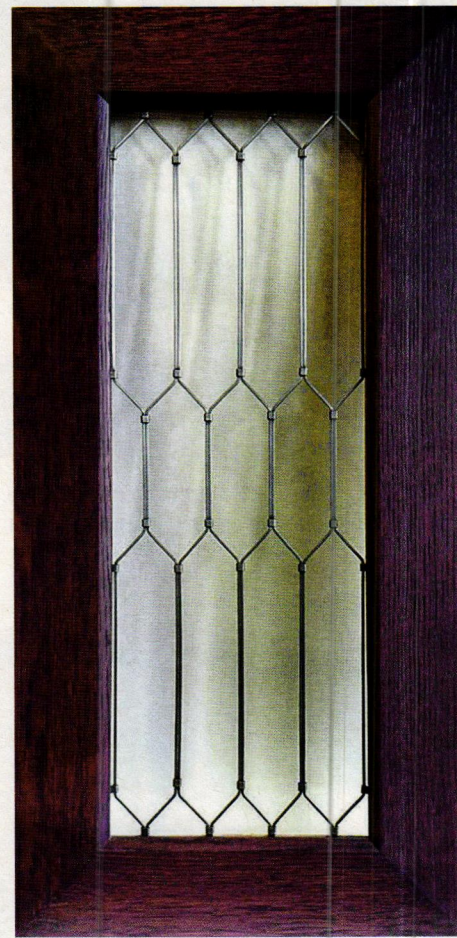
Metalwork continued



This railing from **Fine Architectural Metalsmiths** features French Country-style scrollwork with bronze leaf finials and center rosettes. **Click on No. 2640**



Historical Arts & Casting, Inc. fabricated this traditionally styled, cast-bronze railing. **Click on No. 1210**



This hexagonal wire mesh grille is one of many custom designs by **Klise Mfg. Co.** **Click on No. 1726**

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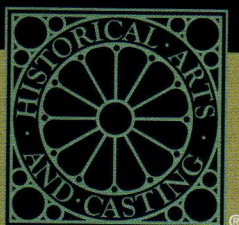
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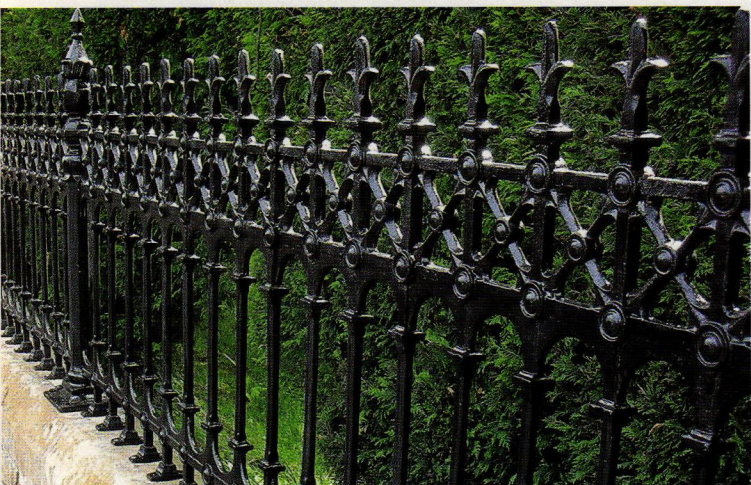
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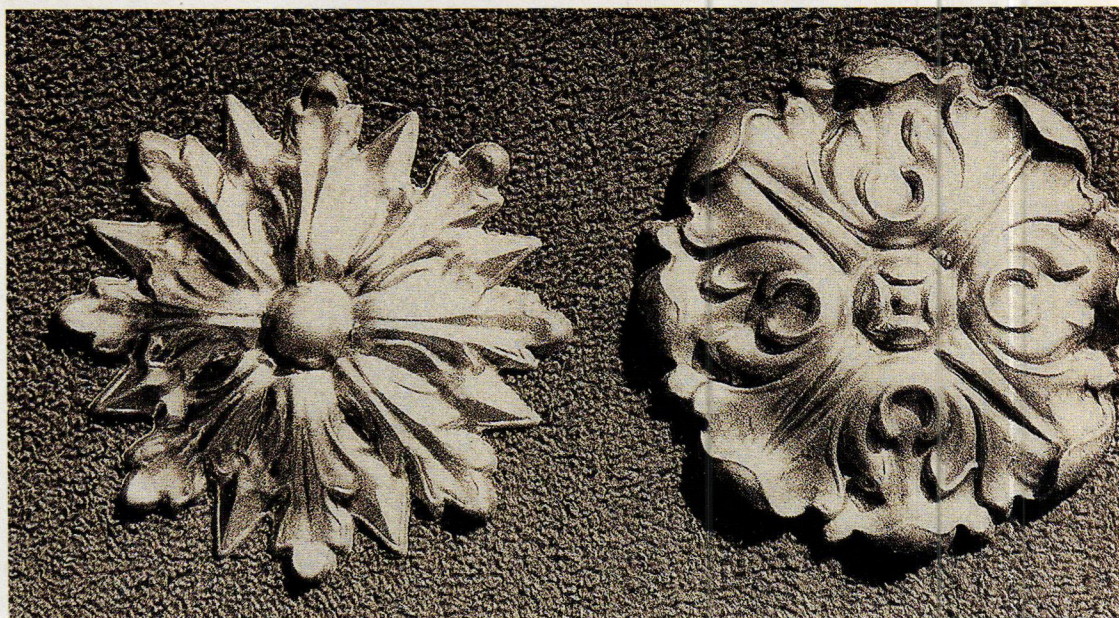
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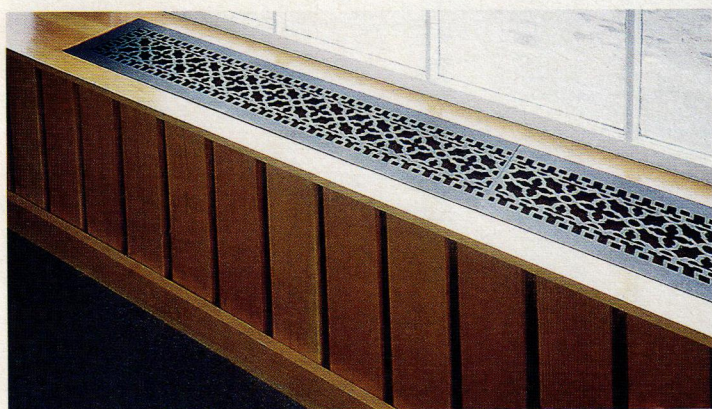
Metalwork continued



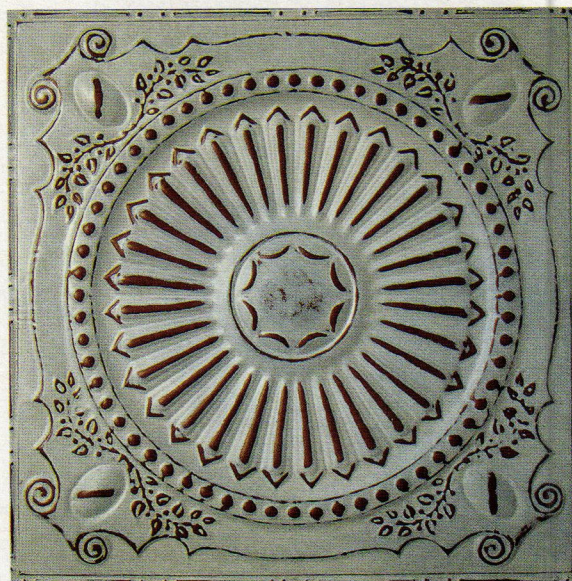
This traditionally-styled fence was designed and fabricated by **Wiemann Metalcraft**. Click on No. 1223



W.F. Norman Corp. manufactured these stamped sheet-metal ornaments. Click on No. 520



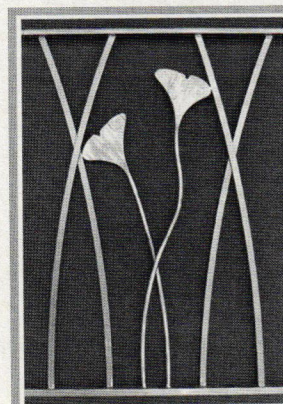
This 8x64-in. register is available from **The Reggio Register, Inc.**, which produces cast-iron, brass and aluminum registers in many historic patterns. Click on No. 5810



This pressed-metal ceiling was manufactured by **MetalCeilingExpress**. Click on No. 1709



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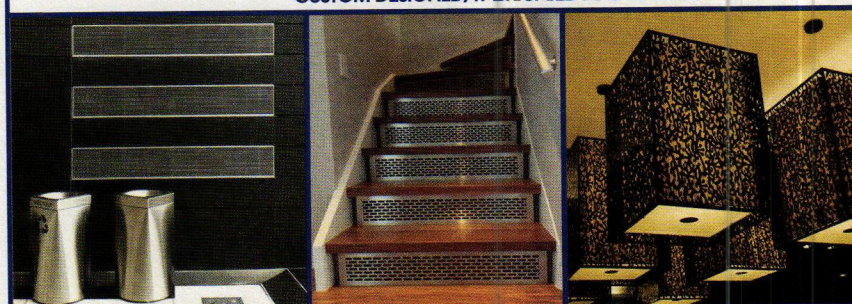
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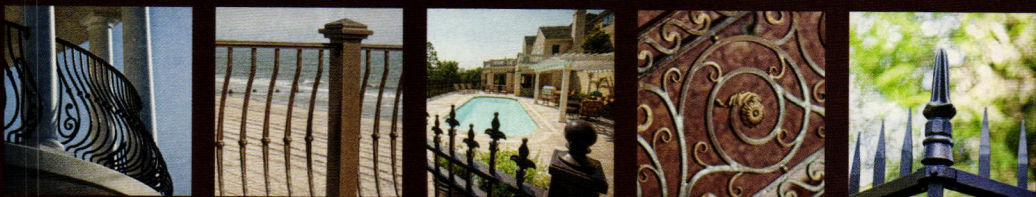
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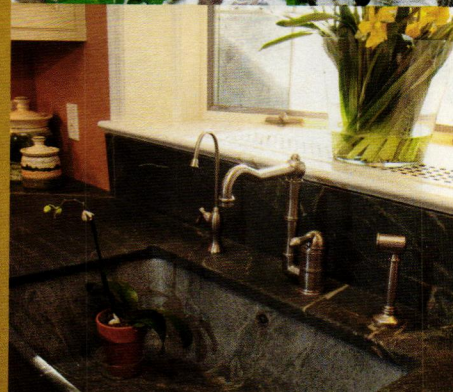
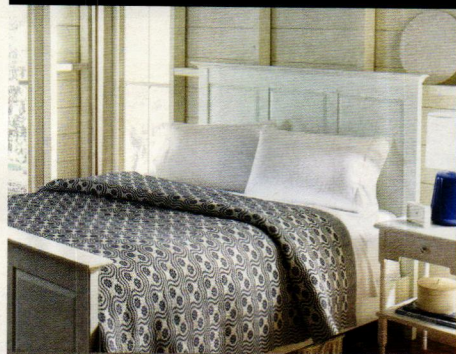
Sunday, March 2: 11 am - 4 pm

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Plumbing, Bath & Heating



Crown Point Cabinetry manufactured this cabinet, finished in Bayberry Old Fashioned Milk Paint, for this period kitchen. **Click on No. 477**



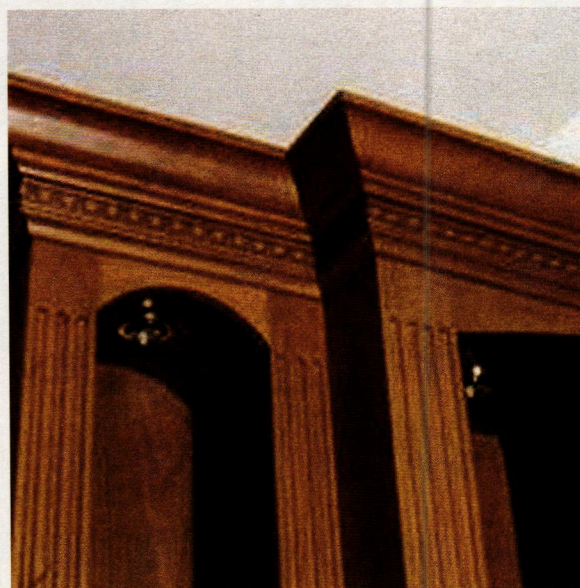
This repousse copper range hood by **Fine Architectural Metalsmiths** features a William Morris-inspired oak pattern. **Click on No. 2640**



EJMcopper Inc. fabricated this handcrafted copper range hood. **Click on No. 588**



This rustic copper kitchen hood was designed and fabricated by **Historical Arts & Casting, Inc.** **Click on No. 1210**



Klise Mfg. Co. manufactured this custom cabinet with decorative lineals. **Click on No. 1726**

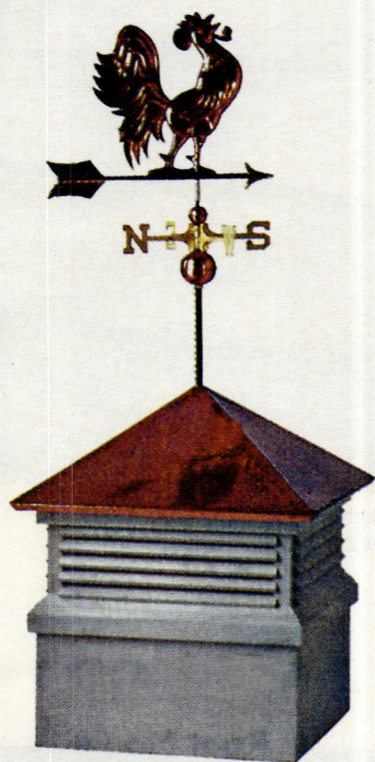


Subway Ceramics offers a collection of reproduction subway tile, trim, moldings, floor mosaics and ceramic accessories for historic bathrooms. **Click on No. 1687**

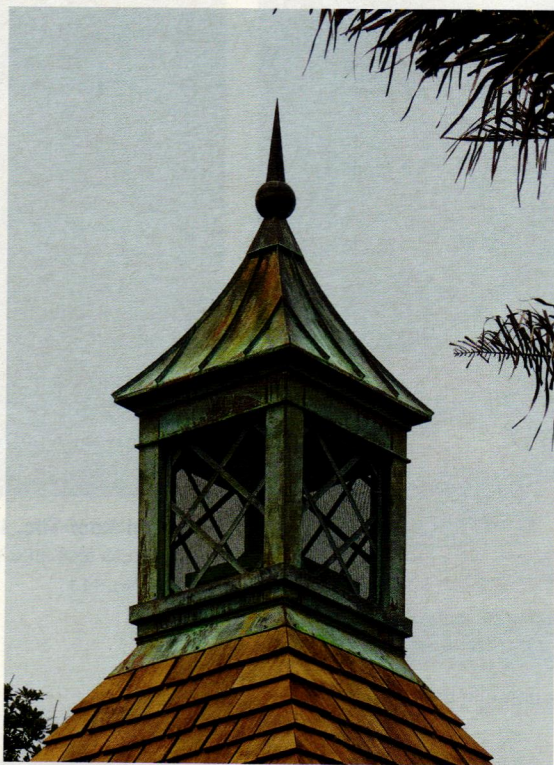
Zepa Industries fabricated the woodwork for these kitchen cabinets. **Click on No. 1675**



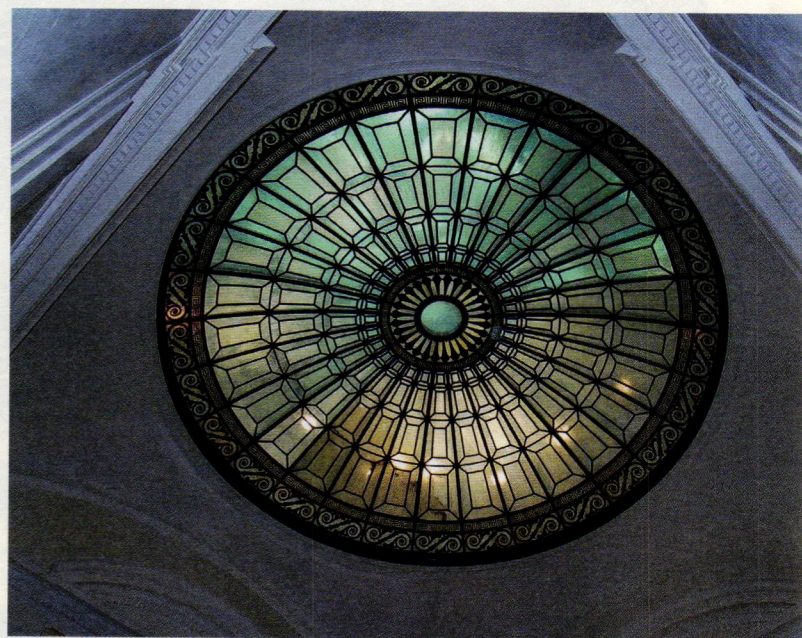
Roofing & Roof Specialties



This Jefferson louvered cupola from **Custom Home Accessories** features a copper top and rooster weathervane. **Click on No. 527**



EJMcopper Inc. manufactures custom copper products, such as this cupola. **Click on No. 588**



Historical Arts & Casting, Inc. fabricated this 11-ft.-dia. skylight in bronze. **Click on No. 1210**

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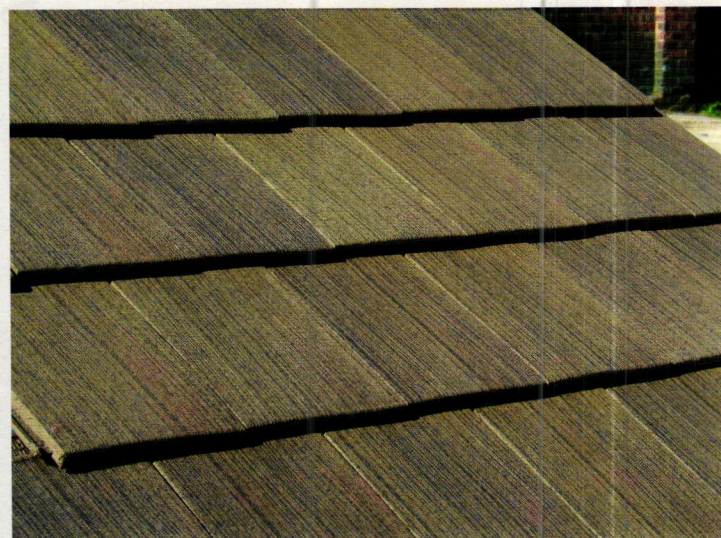
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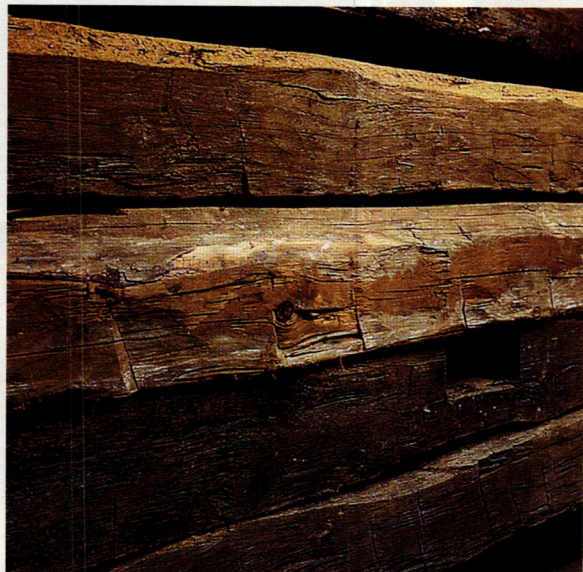


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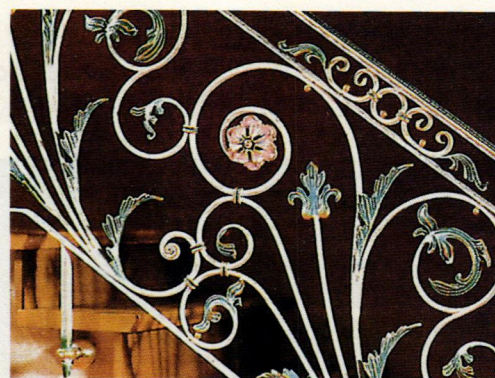
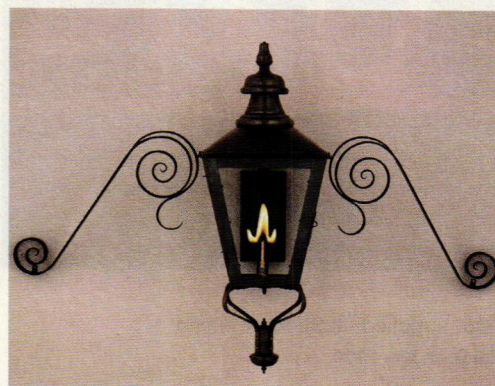


Chestnut Specialists, Inc. manufactured this flooring, which is a combination of re-milled chestnut, and red and white oak. **Click on No. 8780**



Salvaged clay tile supplied by **Tile Roofs, Inc.** was used to create an instant patina on this roof. **Click on No. 4570**

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Reclaimed antique granite cobblestone from **Monarch Stone International** was used to pave this estate in upstate New York. **Click on No. 1698**

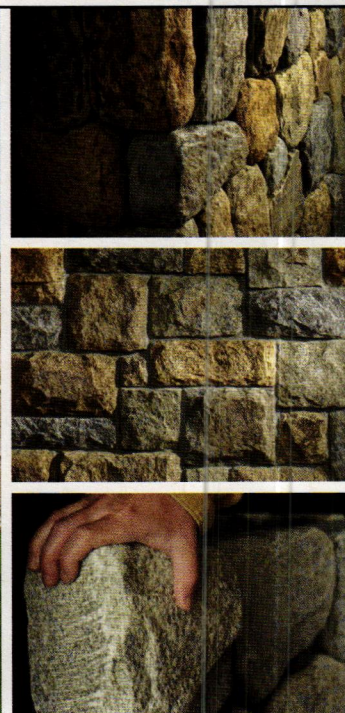


Reclaimed bricks from **Gavin Historical Bricks Inc.** were used in this driveway near Chicago, IL. **Click on No. 191**

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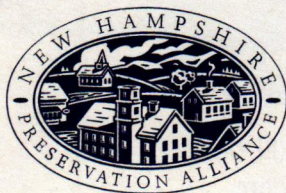


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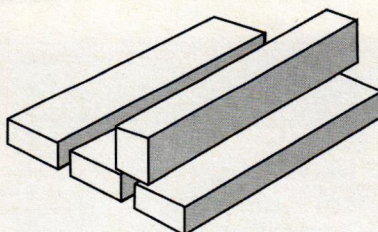
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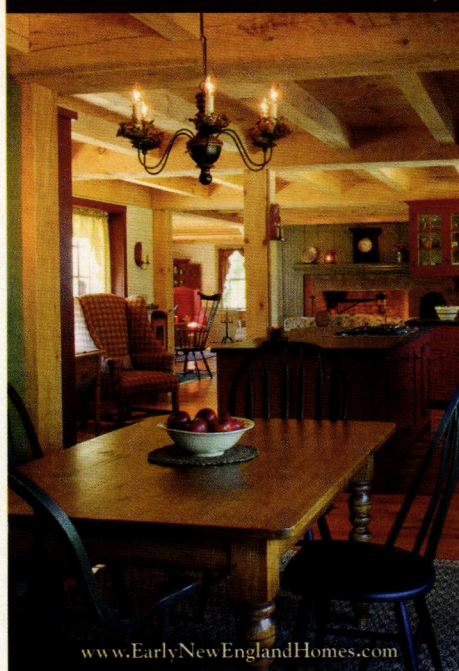
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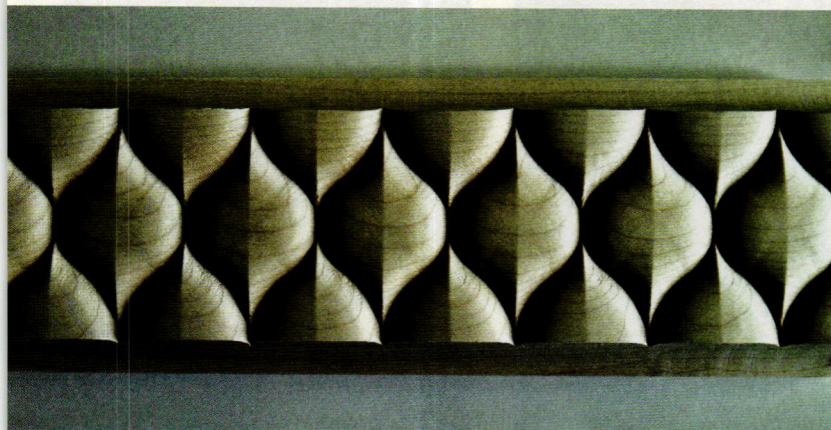
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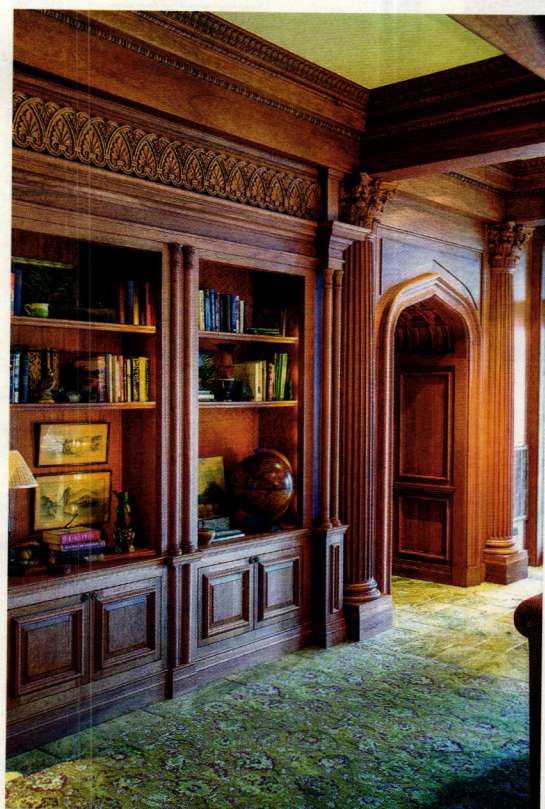
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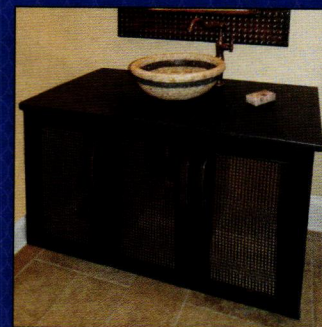


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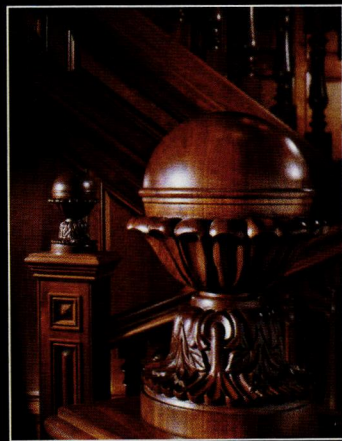
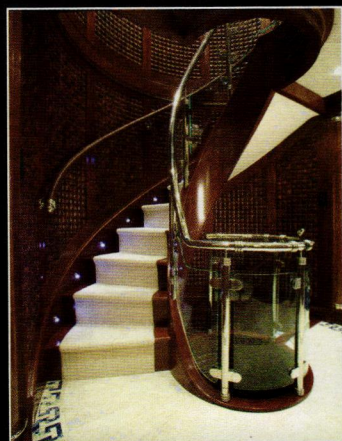


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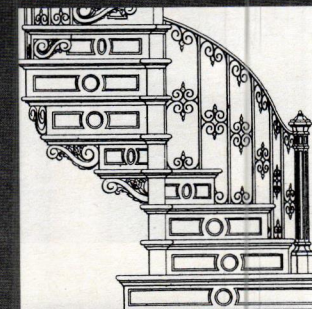
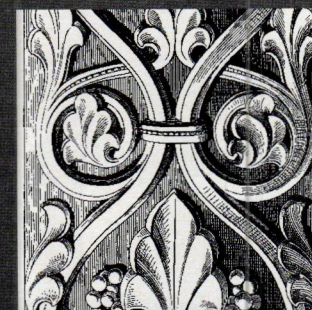
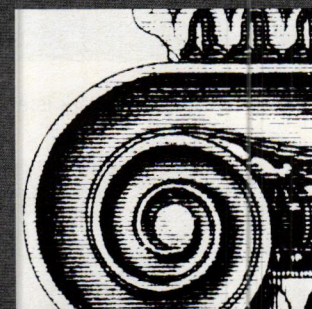
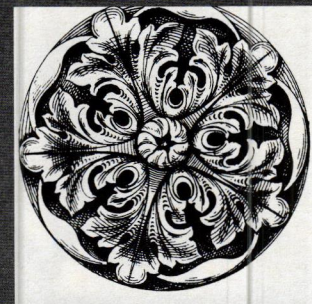
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Architecture as Language

A Lyric Architecture: Selected Works of John Malick & Associates

by John Malick; foreword by Steven W. Semes

The Images Publishing Group, Australia; 2013

252 pp; hardcover; 336 full-color and b&w images; \$90.00

ISBN: 978-1-86470-493-8

Reviewed by Annabel Hsin

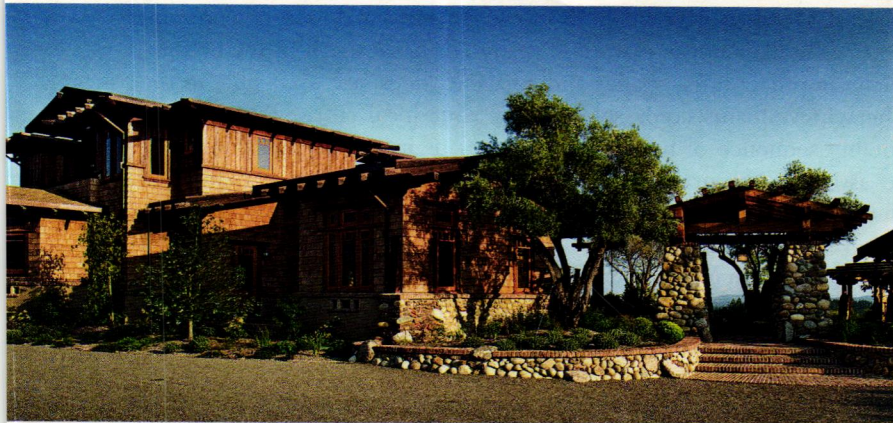
A well-established traditional firm in the San Francisco Bay area, John Malick & Associates stays true to its design philosophy of allowing architecture capture the spirit of a unique emotion, time and place, all while addressing the demands of today's modern living. The firm draws from historical styles, such as English Arts and Crafts, Mediterranean and Neoclassical, to create the foundation for its projects, which assemble common pieces in distinctive ways. The result is beautiful, timeless places with the ability to adapt to the changing needs of their inhabitants.

For John Malick, architecture is like a great novel "that captures a moment in time and preserves it for present and future generations to experience." In his firm's new monograph, he writes, "As architects, we are not copyists. We are novelists in the true sense of the word, for ours are new buildings: inventive, surprising and memorable. And while we seek to capture the complex emotions of a story well told, we are also drawn to timeless stories that fascinate and engage us. Our work expresses a feeling, an emotion – a Lyric Architecture."

The aptly named monograph features 21 chapters on projects that were produced by Malick's office in the past two decades. The first 17 chapters are devoted to individual residences, the next three are for commercial – a Tudor country clubhouse, a church rescue and renovation and a Shingle-style, LEED-gold school campus for grades K through 12 – and the last is dedicated to "Outbuildings and Garden Structures."

The monograph's large format (11 in. x 11 in.) of generous photo spreads, close-ups of key details, site and floor plans document the exteriors and interiors to give readers a clear sense of the clients' programs. Views of adjoining gardens and landscape show how the architecture is in harmony with its surroundings. While the short project essays at the start of each chapter and detailed photo captions give insight to the firm's inspiration, design strategies and material selections, they are not quite enough to whet the appetite of serious readers. The essays on commercial projects, however, are highly informative with clear details about programmatic goals and design challenges.

Malick's firm prides itself of utilizing traditional construction methods and time-tested materials to revive the lost art of craftsmanship and "A Wine Country Craftsman Residence" in Healdsburg, CA, clearly demonstrates this approach.



Inspired by Greene and Greene's distinctive California Craftsman style, John Malick & Associates designed this home in Healdsburg, CA, with shallow rooflines, 6-ft. overhanging eaves and "cloud lift" horizontal beams throughout. The shingled exterior seems to grow from a base of rounded stones and clinker bricks.



John Malick considers the front door to be the introduction to his designs. It is his opportunity to introduce key elements, materials and details that will be the recurring theme within the architecture. Photo: Paul Rocheleau

The client, a celebrated chef and collector of Greene & Greene furnishings, contacted the firm after purchasing a hilltop knoll in Sonoma County overlooking a bucolic landscape of rolling hills and forest. He wanted a home that Greene and Greene themselves would have designed for this dramatic site a century ago.

The house is intended to be a retreat for the client and his wife to share their passion for food with guests. The program called for a one-bedroom home with a professional demonstration kitchen, dining room, great room, three self-contained guest suites, a pool with a heavy timber arbor for shade and a secondary kitchen for making sausage.

The firm of Greene and Greene, formed by two brothers, was well known for its distinctive Japanese-inspired California Craftsman style. Using Greene and Greene's unique architectural vocabulary as guidance, Malick's team designed a house that appears to drape the landscape. Details include a foundation base of rounded stones and clinker bricks, shingle exterior, shallow rooflines with 6-ft. overhanging eaves, post-and-beam Japanese temple construction connected with forged-steel wedge hardware and the brothers' signature "cloud lift" horizontal beams for the structure and window mullions.

A heavy timber loggia along two individual apartments for guests leads to the main entry. The oversized 4 1/2-ft.-wide door between stained-glass reliquies opens to a foyer paneled in fiddleback mahogany. The room's focal point is the stair with eased edge and mortise-and-tenon railings leading up to the master suite on the second floor.

The showpiece kitchen is illuminated by two leaded-glass laylights. At the center, the island is defined by a cloud-lift timber-truss pot rack and ample vertical-grained Douglas fir cabinets underneath the butcher-block island to provide plenty of storage. The interior wood-burning cooking hearth and professional stove features a 10-ft. long copper hood with bronze-riveted strapping.

The kitchen opens to the dining and great room creating an open plan where two custom-designed mahogany and mica lanterns hang between timber trusses. Glass-panel doors and windows on either side of the river-rock mantel with hand-crafted iron fireplace doors frame views of the landscape and distant vineyards to bring the exterior within. The Craftsman wood interior of the living spaces is continued throughout the rest of the home.

As noted in Malick's introduction, his firm sets out to create "memorable" spaces. "Being memorable is one of life's most remarkable attributes because it cannot be defined," he writes. "Our brain reserves a special place in our highest levels of thought for the 'memorable.' It is what separates the lyrical from the mundane. And that is what we aspire to." More than just a coffee table book, this monograph, with its exceptional photography and broad range of historical homes, will be a truly memorable experience for any reader remotely interested in architectural design and detail.

Where have all the colors gone?

By John Crosby Freeman

I cry out to you, Bob Dylan. Where have all those flowers of America's historic colors gone? Alas, corporate support for that excellent invention of the late-20th century - historic paint color cards - has dwindled; but don't despair. America's classic paint colors are accessible today in plain view, if you know where to look for them. But first, a brief survey of our best historic color cards.

Colonial Williamsburg, VA

The cavalcade of cards begins with pioneer research of Colonial Williamsburg, VA, in the late 1920s. Mocked by a later, more scientific generation as "scratch-and-match," a small selection of interior colors, first franchised to Masury in the 1930s, was expanded by Pittsburgh in the 1940s with the useful addition of tints the trade calls "let-downs."

Martin-Senour took the franchise in 1965 one sunny afternoon on a Williamsburg golf course, and exterior colors were added in 1967. The evolution of CW colors documented to specific buildings is recorded in Pittsburgh and M-S color cards surviving in old Williamsburg Reproductions catalogues. Continuously refined through research, it is our oldest site and a time-specific collection of historic colors. The popular color, Williamsburg Blue—probably the bluish gray of Apollo Room Blue—was never named as such.

Charleston, SC

Publication of the first card in 1987 was sponsored by Sherwin-Williams for a prestigious local Dutch Boy dealer. Based on local color analysis, its most useful feature was an index indicating "Architectural Period" and "Documented Uses" for interiors and exteriors. The current palette can be accessed at www.duron.com via the superb Sherwin-Williams Color Visualizer. The first name for famous Charleston Shutter Green was Charleston Black Green. It was originally an Emerald Blind Green notorious for blackening in a sulfuric atmosphere. It is similar to S-W Evergreens (6447).

Philadelphia, Mt. Vernon, and Beyond

"Authentic Colors of Historic Philadelphia" includes 10 National Park Service-certified colors. Produced by Finnaren & Haley, an old Philadelphia paint company recently consumed by Benjamin-Moore, the card might be found in F&H stores taken over by B-M. Fine Paints of Europe, which upgraded Mt. Vernon's first Estate of Colors with 30 documented interior colors (www.finepaintsofeurope.com). Smaller historic towns lent their names to regional paint company palettes based on little or no site-based research: Cape May, NJ; Mobile, AL; New Orleans, LA; Saratoga Springs, NY; Smithfield, NJ; and Springfield, IL. Company cards "authenticated" by their color stylists are: Ace, Benjamin-Moore, Cook & Dunn, Duron, Glidden, Graham, Martin-Senour, Pratt & Lambert, Pittsburgh, Tru-Test, and Valspar. California Paints concocted "Historic Colors of America" with SPNEA (rebranded as Historic New England) for itself and 37 small paint companies of Color Guild International. Three reliable British sources are www.papers-paints.co.uk (featuring Parsons Historical Colors and the researches of Patrick Baty), us.farrow-ball.com (featuring National Trust Colors), and [Mylands Colours of London](http://www.mylands.co.uk) (www.mylands.co.uk).

Jewels in the Crown

Founded in 1754, Devoe is America's oldest paint brand, currently stabled at PPG. In 1885, it published *Exterior Decoration*, a splendid

folio volume of 20 color plates and 50 large color samples. Reprinted by the Athenaeum of Philadelphia in 1975, Devoe reproduced color chips for the book and its *Traditions* color card. Today's only access is color-matching the reprint chips. Subsequent color cards mined *Exterior Decoration* for its Victorian palettes, including the Sherwin-Williams 1981 exterior Heritage Colors that survive in today's Preservation Palette.

Hired by Valspar at Lowe's to produce three historic Southern Heritage color cards, I shamelessly followed the advice of Tom Lehrer's mythic Lobachevsky to "let no one else's work evade" my eyes and call it "research." Such was the procedure that produced the last of the great American historic color cards. Bucking the trend for frivolous naming of colors, gone viral in our new century, I soberly chose names grounded in reality and tradition. My only flight of color marketing fancy was naming a faintly pink and exceptionally charming interior off-white as "Champagne."

Orchestrating a Color Card

It is self-evident that sequences of colors should enhance them; but no color card explicitly says so, with one rare exception. Philadelphia's Harrison Brothers captioned their color card keyed to 35 delicious color plates of its 1883 *Town and Country House Painting* with a disclaimer that reveals the common goal of all color cards. "Arrangement for sake of ready reference is numerical—all considerations of contrast, or combinations of colors, discarded." Internet access is New York Public Library Digital Gallery (digitalgallery.nypl.org/nypldigital/index.cfm).

The hardest part of orchestrating a color card is not selecting colors; it is arranging them to enhance pleasing contrasts and suggest combinations of colors by flanking vertical monochromatic sequences with contrasting colors that also suggest combinations on the diagonals.

Here are two tricks for making your own color cards: Separate blue-based sequences, because they don't like each other in our eyes, and sequester them between more congenial warm colors. Segregating off-whites and dark trim colors applicable to many combinations makes room for more light and mid-tone options. Alas, all published color cards are crippled by lack of space to display a full range of tints and shades required by job sites.

Master Painter Colors

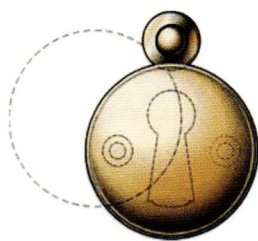
My pilgrimage to discover America's Master Painter Colors begins when Steve Schuyler (www.rarebookstore.net) sold me two items: *The Painter's Hand-Book* (1887) with 116 chromo-lithographed colors for professional Master Painters, and an early-20th-century SEROCO [SEars-ROebuck COmpany] paint catalogue of common colors for their house plans and ready-cut homes. All of the colors—including their tints, shades and adjacent tones—are accessible in the Sherwin-Williams color selectors of your local store. Pull the following sequence of numbered color strips in the big color selector to assemble the great majority of them for your own personal fan deck of over 400 Master Painter Colors: 1-3, 5, 7-10, 13-27, 29, 37, 43, 48-51, 53-65, 68-69, 90-92, 95-103, 108-109. Once you get acquainted with Master Painter Colors, you will be surprised by how many of them appear on S-W's yearly hit lists of the most popular colors and assortments of trend colors. What is old is new again. ■

John Crosby Freeman, The Color Doctor, resides at Norristown in the Greater Philadelphia cradle of the American paint industry. He can be reached at www.oldhouseauthority.com.

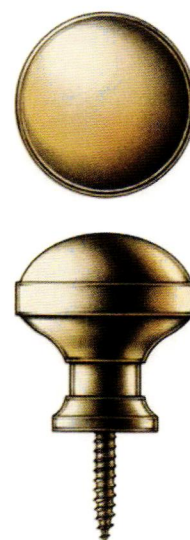
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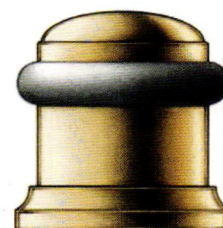
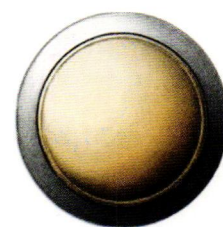
Thumbturn and Rose



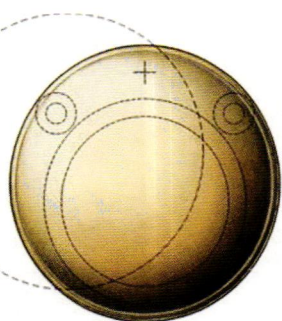
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