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An Elegant Fit, by Nancy A. Rahling
Tampa, FL-based Cooper Johnson Smith creates site-specific residences in living historical styles.

Product Report
Technical know-how and quality materials enhance the beauty and longevity of columns and capitals.

Book Review
A Lyric Architecture: Selected Works of John Malick & Associates, foreword by Steven W. Semes, reviewed by Annabel Hsin

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Historic paint colors are still available – to those who know where to look.

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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
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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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.cteslc.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 Greenses' 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.historichomesshows.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, daytrips 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 resiliency, 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.

PRESEVING 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 Quebec 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.

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

WOOD-CARVING WORKSHOPS. Classically trained master wood-carver Dimitrios Klitsas conducts classes in wood-carving at his studio in Hampden, 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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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 keepers 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 cjarch.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 by 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.
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 scupper. "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 windows, 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 was to be enclosed and at some point over time was opened up.”
A Tall Order

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

By Gordon Bock

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 themselves. 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 ventila-
tion 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), manu-
facturers 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 Haddenstone 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 con-
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 col-
umn 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 dura-
bility. “FRP is not our typical base and capital mate-
rial,” 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.
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 Doric, 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 horseshit. 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 capitals.”

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.”
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.”

Gorden Bock is co-author of The Vintage House (www.vintagehousebook.com) and available for keynote speeches, seminars and workshops through www.gordenbock.com.
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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
Haddarstone (USA), Ltd.
Historical Arts & Casting, Inc.
Wiemann Metalcraft

Planters & Urns
Fifthroom.com
Haddarstone (USA), Ltd.
Historical Arts & Casting, Inc.

Plaques
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Sculpture
See Section 1

Signage
Custom Home Accessories, Inc.
Herwig Lighting
Wiemann Metalcraft

Sundials
Haddarstone (USA), Ltd.

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Exterior Lighting Restoration
Authentic Designs
Ball & Ball Lighting
Fine Architectural Metalsmiths
Herwig Lighting
Period Lighting Fixtures, Inc.

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.

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

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

Exterior Lighting, Historical Reproductions
Authentic Designs
Ball & Ball Lighting
Herwig Lighting
Period Lighting Fixtures, Inc.

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.

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
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
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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.
Period Lighting Fixtures, Inc.
St. Louis Antique Lighting Co.

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

Lamp Posts & Standards
Authentic Designs
Period Lighting Fixtures, Inc.

Landscape Lighting
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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
EJM Copper Inc.

Fire Grates
Wiemann Metalcraft

Fireplace Dampers
Benson Energy

Fireplace Screens & Tools
Ball & Ball Hardware
Fine Architectural Metalsmiths
Kayne & Son Custom Hardware
Wiemann Metalcraft

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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
Zepsa Industries, Inc.

Mantels, Cast Stone
Haddonstone (USA), Ltd.

Mantels, Custom
Agrell Architectural Carving Ltd.
Architectural Components, Inc.
Decorators Supply Corp.
Zepsa 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
Zepsa Industries, Inc.

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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
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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

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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

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Acorn Forged Iron
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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

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Historical Arts & Casting, Inc.
Wiemann Metalcraft

Railing, Custom
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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
EJM Copper Inc.
Metal Ceiling Express
NIKO Contracting Co., Inc.

Sheet-Metal Ornament, Standard Designs
Metal Ceiling Express
W.F. Norman Corp.

Sheet Metal, Architectural
EJM Copper 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 Handrails, Cast Metal
Wiemann Metalcraft

Stair Handrails, Custom
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
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Stairs, Spiral
Wiemann Metalcraft

Stairs, Straight
Wiemann Metalcraft
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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

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W.F. Norman Corp.

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Architectural Timber & Millwork
EJMcopper Inc.

Cupolas, Sheet Metal
EJMcopper 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.
EJMcopper Inc.
Historical Arts & Casting, Inc.
NIKO Contracting Co., Inc.
Wiemann Metalcraft

Flashing
EJMcopper Inc.

Gutter Hangers
EJMcopper Inc.

Gutters, Historical Replicas
EJMcopper Inc.

Gutters, Metal
EJMcopper Inc.

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Metal Roofing, Sheet Metal
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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
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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.

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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.

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Weather vanes, Standard Designs
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Haddonstone (USA), Ltd.

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Crown Point Cabinetry

Carvings, Custom
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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
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Casework
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Grilles
Andersen Windows and Doors Decorators Supply Corp. Reggio Register Co., Inc., The

Millwork, Custom

Millwork, Exterior
Architectural Components, Inc. Chadsworth Columns Heritage Wide Plank Flooring

Millwork, Historical Replicas
Architectural Components, Inc. Chadsworth Columns Decorators Supply Corp.

Millwork, Interior

Millwork, Monumental Grade
Zepsa Industries, Inc.

Millwork, Standard Designs
Andersen Windows and Doors Chadsworth Columns Decorators Supply Corp.

Moldings, Compo
Decorators Supply Corp.

Moldings, Custom

Moldings, Historical Replicas

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Moldings, Standard Designs
Decorators Supply Corp. Heritage Wide Plank Flooring White River Hardwoods-Woodworks

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Moldmaking & Casting Materials
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Paneling, Standard Designs
Agrell Architectural Carving Ltd. White River Hardwoods-Woodworks

Registers
Decorators Supply Corp.

Staircase Parts, Balusters
Zepsa Industries, Inc.

Staircase Parts, Handrails
Zepsa Industries, Inc.

Stairs, Custom
Zepsa Industries, Inc.

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Architectural Timber & Millwork Hochstetler Milling, Ltd.

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<tr>
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<th>Address/Contact Details</th>
<th>Products/Services</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acorn Forged Iron</strong></td>
<td>508-339-4500; Fax: 508-339-0104; <a href="http://www.acornmfg.com">www.acornmfg.com</a></td>
<td>Manufacturer of Early American-style hand-forged iron registers &amp; grilles &amp; iron &amp; stainless-steel door &amp; window hardware: latches, knockers &amp; pulls; garage, shutter, furniture &amp; wood-gate hardware; Tremont steel-cut nails for restoration projects.</td>
</tr>
<tr>
<td><strong>Agregll Architectural Carving Ltd.</strong></td>
<td>415-457-4422; No fax; <a href="http://www.agrellcarving.com">www.agrellcarving.com</a></td>
<td>Custom fabricator of wood carvings: hand-carved decorative moldings, capitals, brackets, furnishings, onlays &amp; mantels; large-scale capacity for residential &amp; religious buildings throughout the U.S. &amp; Europe.</td>
</tr>
<tr>
<td><strong>Allied Window, Inc.</strong></td>
<td>800-445-5411; Fax: 513-559-1883; <a href="http://www.alliedwindow.com">www.alliedwindow.com</a></td>
<td>Manufacturer of “invisible” interior/exterior aluminum storm windows: all custom shapes &amp; colors; screens; magnetic, sliding, lift-out &amp; mechanical fastenings; UV-resistant, low-E, tempered, acrylic &amp; lexan glazing.</td>
</tr>
<tr>
<td><strong>Andersen Windows and Doors</strong></td>
<td>651-264-5150; No fax; <a href="http://www.andersenwindows.com">www.andersenwindows.com</a></td>
<td>Manufacturer of wood windows &amp; patio doors: contemporary &amp; traditional styles; Frank Lloyd Wright art-glass collection.</td>
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<tr>
<td><strong>Ann Wallace &amp; Friends</strong></td>
<td>213-614-1757; Fax: 213-614-1758; <a href="http://www.anwallace.com">www.anwallace.com</a></td>
<td>Manufacturer of Arts &amp; Crafts-style curtains &amp; home textiles in natural fibers: plain or appliqued designs on Irish linen or cotton; stock &amp; custom; kits &amp; yardage.</td>
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<tr>
<td><strong>Architectural Components, Inc.</strong></td>
<td>413-367-9441; Fax: 413-367-9461; <a href="http://www.architecturalcomponentsinc.com">www.architecturalcomponentsinc.com</a></td>
<td>Custom fabricator of wood windows &amp; doors: traditional details, material &amp; joinery; paneled, carved, lowered, French, pocket &amp; art-glass doors; complete entryways; screen &amp; storm doors; casings &amp; moldings; mantels; replications. Call for more information.</td>
</tr>
<tr>
<td><strong>Architectural Grille</strong></td>
<td>800-387-6267; Fax: 718-832-1390; <a href="http://www.archgrille.com">www.archgrille.com</a></td>
<td>Supplier of grilles: custom perforated &amp; linear bar; aluminum, brass, bronze, stainless steel &amp; steel; variety of finishes; stock sizes; water-jet &amp; laser cutting. Call for more information.</td>
</tr>
<tr>
<td><strong>Architectural Resource Center</strong></td>
<td>800-370-8808; Fax: 603-942-7465; <a href="http://www.aresource.com">www.aresource.com</a></td>
<td>Supplier of door, window &amp; cabinet hardware: pulleys, weights, chains, lifts, locks, levers, hinges, escutcheon plates, door stops &amp; more. Click on No. 1670</td>
</tr>
<tr>
<td><strong>Architectural Timber &amp; Millwork</strong></td>
<td>800-430-5473; Fax: 413-586-3046; <a href="http://www.atimber.com">www.atimber.com</a></td>
<td>Custom fabricator of cupolas, steeples &amp; domes: surveying, design, structural &amp; ornamental work &amp; rigging &amp; installation services for historic structures; timber framing, flooring, doors &amp; columns; cabinetry, paneling &amp; woodworking. Click on No. 3290</td>
</tr>
<tr>
<td><strong>Artistic Doors &amp; Windows</strong></td>
<td>800-278-3667; Fax: 732-726-9494; <a href="http://www.artisticdoorsandwindows.com">www.artisticdoorsandwindows.com</a></td>
<td>Custom fabricator of hardwood doors &amp; windows: all fenestration styles &amp; types; IBC 2000 impact-approved entry doors &amp; windows; stile &amp; rail interior doors with fire ratings to 90-min. positive pressure; multiple hardwood species. Click on No. 363</td>
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<tr>
<td><strong>Artistry in Architectural Grilles</strong></td>
<td>516-489-0628; Fax: 516-488-0728; <a href="http://www.aagrilles.com">www.aagrilles.com</a></td>
<td>Custom manufacturer &amp; designer of perforated sheet metal &amp; linear bar grilles: floor, wall, sill, ceiling, radiator &amp; HVAC applications; aluminum, brass, bronze, steel, stainless steel; ornamental &amp; decorative functions; affiliates of the American Institute of Architects NY chapter (AIANY) &amp; the U.S. Green Building Council (USGBC). Call for more information.</td>
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<tr>
<td><strong>Authentic Designs</strong></td>
<td>800-844-9416; Fax: 802-394-2422; <a href="http://www.authenticdesigns.com">www.authenticdesigns.com</a></td>
<td>Manufacturer of Early American &amp; Colonial lighting fixtures: brass, copper, terne metal &amp; Vermont maple; interior &amp; exterior mountings; CUL/UL-listed for wet &amp; damp locations; lanterns, sconces, table lamps, chandeliers &amp; pendants; custom work available. Click on No. 60</td>
</tr>
<tr>
<td><strong>Ball &amp; Ball Hardware</strong></td>
<td>610-363-7330; Fax: 610-363-7639; <a href="http://www.ballandball.com">www.ballandball.com</a></td>
<td>Manufacturer of furniture, cabinet, window, shutter &amp; door hardware: brass, cast iron, bronze, wrought iron &amp; steel; new reproduction &amp; antique/reconditioned hardware; fireplace accessories; restoration services. Click on No. 2930</td>
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<tr>
<td><strong>Ball &amp; Ball Lighting</strong></td>
<td>610-363-7330; Fax: 610-363-7639; <a href="http://www.ballandball.com">www.ballandball.com</a></td>
<td>Manufacturer of historical lighting fixtures: lanterns, sconces, table/floor lamps, chandeliers &amp; pendants; porch &amp; gas lighting; brass, tin, copper, pewter, iron &amp; bronze; restoration &amp; refitting; stock &amp; custom. Click on No. 7660</td>
</tr>
<tr>
<td><strong>Belden Brick Co., The</strong></td>
<td>330-456-0031; Fax: 330-456-2694; <a href="http://www.beldenbrick.com">www.beldenbrick.com</a></td>
<td>Manufacturer of brick: variety of colors, textures, sizes; stock &amp; custom shapes; color matching; jack arches, water tables, bullnoses, coping caps, pavers, face brick, brick sculpture &amp; more. Click on No. 1500</td>
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<tr>
<td><strong>Benson Energy</strong></td>
<td>801-273-1800; No fax; <a href="http://www.bensonenergy.com">www.bensonenergy.com</a></td>
<td>Manufacturer of All Season Control Cover chimney-top fireplace dampers: standard &amp; custom sizes; saves energy &amp; prolongs chimney life; seals out moisture, pests &amp; biochemical agents. Click on No. 174</td>
</tr>
<tr>
<td><strong>Brandt, Sylvan</strong></td>
<td>717-626-4526; Fax: 717-626-5867; <a href="http://www.sylvanbrandt.com">www.sylvanbrandt.com</a></td>
<td>Supplier of 18th- &amp; 19th-century building materials salvaged from old houses &amp; barns: columns, doors, shutters, mantels, sinks &amp; bathtubs; antique &amp; resawn flooring; antique heart pine, ancient oak, chestnut, white pine &amp; hemlock; radiators; since 1960. Click on No. 3950</td>
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<tr>
<td><strong>Chadsworth Columns</strong></td>
<td>800-486-2118; Fax: 910-763-3191; <a href="http://www.chadsworth.com">www.chadsworth.com</a></td>
<td>Manufacturer of authentically correct architectural columns: complete line of columns, piers, pilasters &amp; posts; interior &amp; exterior; variety of sizes, styles &amp; materials; 4 different grade levels of wood columns; interior molded ornament; millwork. Click on No. 1580 for PolyStone; 180 for wood</td>
</tr>
</tbody>
</table>
Chestnut Specialists, Inc.
860-283-4209
www.chestnutspec.com
Plymouth, CT 06782

Supplier of re-milled flooring from antique barn lumber; authentic antique planks, hewn beams, weathered siding, original flooring, antique heavy timber & salvaged logs for milling.
Click on No. 8780

Cityproof Windows
718-786-1600; Fax: 718-786-2713
www.cityproof.com
Long Island City, NY 11101

Custom manufacturer of interior window systems in aluminum; noise reducing & draft/ dirt eliminating; thermal control; storm/screen combos, round top & custom shapes; mechanical fastenings; acrylic, lexan, UV-resistant, low-E & more.
Click on No. 2390

Compass Ironworks
717-442-4544; Fax: 717-442-1948
www.ironworkclassics.com
Gap, PA 17527

Fabricator of wrought-iron metalwork: gates, fences, railings & décor; historical styles; recycled content.
Click on No. 1719

Crenshaw Lighting
540-745-3900; Fax: 540-745-3911
www.crenshawlighting.com
Floyd, VA 24091

Manufacturer of custom lighting fixtures in all styles: design services; historic restoration & reproduction; on-site services.
Click on No. 1128

Crittall Windows, Ltd.
011-44-1376530800; Fax: 011-44-1376530801
www.crittall-windows.co.uk/us/
Witham, Essex CM8 3UN U.K.

Manufacturer of steel window & door systems: single hung, casement, pivot, awning, projecting, fixed lite & round top; historical restoration & renovation; minimum maintenance; custom shapes & sizes.
Click on No. 373

Crown Point Cabinetry
800-999-4994; Fax: 603-370-1218
www.crown-point.com
Claremont, NH 03743

Custom fabricator of handcrafted, period-style cabinetry for kitchens, baths & other rooms; Arts & Crafts, Shaker, Victorian, Early American & contemporary styles; available nationwide.
Click on No. 477

Custom Home Accessories, Inc.
800-265-0041; Fax: 916-635-0228
www.mailboxes.info
Rancho Cordova, CA 95742

Manufacturer & distributor of decorative mailboxes & classic architectural accents: lamp-posts & standards, address plaques, signage, weathervanes & cupolas; cast aluminum, brass & copper; Victorian & other styles.
Click on No. 527

Decorators Supply Corp.
800-792-2093; Fax: 773-847-6357
www.decoratorsupply.com
Chicago, IL 60609

Manufacturer of classic architectural elements: plaster crowns, ceiling medallions, ceilings, niches & swags; 13,000 appliques for woodwork/furniture; 900 sizes of column capitals, plaster capitals, corbels & columns; 15 styles of traditional wood mantels; classically inspired grilles; since 1883.
Click on No. 210

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

Designer & manufacturer of interior & exterior lighting fixtures: stylized reproductions rooted in the Colonial style.
Click on No. 809

E.R. Butler & Co.
212-925-3565; Fax: 212-925-3305
www.ebutler.com
New York, NY 10012

Manufacturer of Early American door, window & furniture hardware: 19th-century shell-shanked crystal, porcelain & wood trimmings; brass, bronze, nickel-silver & wrought iron; custom-plated -patinated finishes; restoration work.
Click on No. 2260

Early New England Homes by Country Carpenters
860-643-1148; Fax: 860-643-1150
www.earlynewenglandhomes.com
Bolton, CT 06043

Designer of early New England Cape-style home-building system: engineered plans, detailed construction diagrams & framing package; unique timbered ceiling system.
Click on No. 1525

EJM Copper Inc.
407-447-0074; Fax: 407-447-0075
www.ejmcooper.com
Orlando, FL 32804

Manufacturer of custom architectural copper products: chimneys caps, range hoods, cupolas, finials, spires, dormer vents, leader heads, louvers, weathervanes, mailboxes, gutters & more; online catalog.
Click on No. 588

Fifthroom.com
888-253-2339; Fax: 724-444-5301
www.fifthroom.com
Gibsonia, PA 15044

Supplier of indoor & outdoor furniture, landscape structures & garden specialties: arbors, gazebos, pergolas, canopies, pool houses, patio furniture, planters & more.
Click on No. 1713

Fine Architectural Metalsmiths
845-651-7550; Fax: 845-651-1785
www.iceforge.com
Chester, NY 10918

Custom fabricator of metalwork: gates, fencing, railings, lanterns, chandeliers, sconces, grilles, fire screens, kitchen equipment & more; forged iron, bronze, copper & stainless steel; specialty finishes; design through installation services.
Click on No. 2640

Forbes & Lomax LLC
212-486-9700; No fax
www.forbesandlomax.com
New York, NY 10018

Manufacturer, supplier & retailer of authentic period electrical accessories: switches, dimmers & outlets; nickel, antique bronze, stainless steel, unlacquered brass & 'invisible'; historic reproductions.
Click on No. 1728

Gaby's Shoppe
800-299-4229; Fax: 214-748-7701
www.gabys.com
Dallas, TX 75207

Manufacturer of hand-forged wrought-iron drapery hardware & accessories: custom rods, finials, brackets & holdbacks; European metalworking skills; handcrafted & hand finished.
Click on No. 2520

Gavin Historical Bricks Inc.
319-354-5251; Fax: 319-688-3086
www.historicalbricks.com
Iowa City, IA 52245

Supplier of authentic antique brick pavers, granite cobblestones, clinker & common brick; custom matching; large quantities; special shapes; hand-molded & face brick; nationwide shipping.
Click on No. 191

Glass House, LLC
800-222-3055; Fax: 860-974-1173
www.glasshouseusa.com
Pomfret Center, CT 06259

Fabricator of traditional conservatories, greenhouses, sunrooms, pool enclosures, roof lanterns, specialty skylights & glass roof systems: mahogany or aluminum frame & copper; custom fabrication.
Click on No. 1870

Haddonstone (USA), Ltd.
719-498-4554; Fax: 719-498-4285
www.haddonstone.com
Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: planters, fountains, sundials, statues, garden furniture, balustrades, gazebos, follies, columns, porticos, doors & window surrounds, cornices, molding, mantels & more; custom components.
Click on No. 4020
<table>
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<tr>
<th>Company Name</th>
<th>Phone Number</th>
<th>Address</th>
<th>Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heritage Wide Plank Flooring</td>
<td>877-777-4200</td>
<td>Riverhead, NY 11901</td>
<td>Supplier of wide-plank flooring: old-growth eastern white pine, heart pine, red pine, birch, cherry, walnut, hickory, white oak &amp; maple; custom wood paneling; mantels; mills reclaimed lumber from old structures.</td>
</tr>
<tr>
<td>Herwig Lighting</td>
<td>800-643-9523</td>
<td>Russellville, AR 72811</td>
<td>Custom manufacturer of handcrafted interior &amp; exterior lighting fixtures &amp; more: cast-aluminum benches, bollards, fences, gates, plaques, signage, street clocks, posts to 14 ft. &amp; columns; since 1908.</td>
</tr>
<tr>
<td>Historical Arts &amp; Casting, Inc.</td>
<td>800-225-1414</td>
<td>West Jordan, UT 84081</td>
<td>Designer &amp; custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials &amp; more; cast iron, bronze, aluminum &amp; wrought iron/steel; many styles; restoration services.</td>
</tr>
<tr>
<td>Hochstetler Milling, Ltd.</td>
<td>419-368-0008</td>
<td>Loudonville, OH 44842</td>
<td>Supplier of new barn timbers: oak up to 40-ft. long; planed &amp; rough sawn; 2 x 6 &amp; 1 x 6 tongue-&amp; groove knotty pine.</td>
</tr>
<tr>
<td>House of Antique Hardware</td>
<td>888-223-2545</td>
<td>Portland, OR 97232</td>
<td>Supplier of door, window, cabinet, furniture, electrical &amp; bath hardware: original antique &amp; vintage reproductions; Federal, Victorian &amp; Arts &amp; Crafts styles; hardware specialists available to assist with renovation projects.</td>
</tr>
<tr>
<td>Innerglass Window Systems</td>
<td>800-743-6207</td>
<td>Simsbury, CT 06070</td>
<td>Manufacturer of custom glass interior storm windows for energy conservation &amp; soundproofing: maintains the integrity of historic windows; conforms to opening; do-it-yourself installation.</td>
</tr>
<tr>
<td>Kayne &amp; Son Custom Hardware</td>
<td>828-667-8868</td>
<td>Candler, NC 28715</td>
<td>Custom fabricator of door, barn, garage, gate, furniture, cabinet, shutter &amp; window hardware: hand-forged steel, copper &amp; bronze or cast bronze; repair, restoration &amp; reproduction work; fireplace equipment; catalog $5. Call for more information.</td>
</tr>
<tr>
<td>Klise Mfg. Co.</td>
<td>616-459-4283</td>
<td>Grand Rapids, MI 49505</td>
<td>Manufacturer of carved &amp; embossed woodwork: moldings, fretwork, rosettes, rope &amp; bead corner curves; period &amp; custom designs; metal grilles.</td>
</tr>
<tr>
<td>Kolbe &amp; Kolbe Millwork Co.</td>
<td>800-955-8177</td>
<td>Wausau, WI 54401</td>
<td>Manufacturer of wood, aluminum-clad &amp; vinyl energy-efficient windows &amp; doors: custom styles; variety of colors &amp; wood species; many products designed as historic replicas.</td>
</tr>
<tr>
<td>Ludowici Roof Tile, Inc.</td>
<td>800-945-8453</td>
<td>New Lexington, OH 43764</td>
<td>Manufacturer of clay roof tile: wide variety of standard shapes, fittings, sizes &amp; colors; matte, gloss, weathered, fire-flashed; sanded &amp; combed finishes; ceramic slate replicas &amp; slate color matching; custom colors &amp; shapes.</td>
</tr>
<tr>
<td>Marvin Windows and Doors</td>
<td>888-537-7828</td>
<td>Warroad, MN 56763</td>
<td>Manufacturer of all-wood &amp; clad-wood windows &amp; doors: round top, oval, casement &amp; double hung; custom shapes &amp; historic window replication; dual durometer, bulb &amp; leaf weather stripping; storm windows; numerous design choices &amp; glazing options.</td>
</tr>
<tr>
<td>MetalCeilingExpress</td>
<td>941-723-2288</td>
<td>Palmetto, FL 34221</td>
<td>Supplier of tin ceiling tiles: wide variety of patterns &amp; colors; crown molding; sound dampener; installation guides.</td>
</tr>
<tr>
<td>Monarch Stone International</td>
<td>949-498-0941</td>
<td>San Clemente, CA 92673</td>
<td>Supplier of Historic European Cobblestone: genuine antique, reclaimed cobblestone: 100- to 400-year-old granite &amp; sandstone cobbles &amp; curbing; large selection of sizes; nationwide shipping.</td>
</tr>
<tr>
<td>New World Stoneworks</td>
<td>508-278-7014</td>
<td>King of Prussia, PA 19406</td>
<td>Supplier of natural stone: matches historic stone; photographs existing stonework, extracts pattern &amp; delivers complete hand-chiseled job.</td>
</tr>
<tr>
<td>Parrett Windows &amp; Doors</td>
<td>800-541-9527</td>
<td>Dorchester, WI 54425</td>
<td>Manufacturer of custom wood &amp; aluminum-clad windows: any geometric shape, numerous wood species &amp; complete finishing capabilities; historical replications; custom wood doors in numerous species with complete finishing options; screen doors, casings &amp; moldings.</td>
</tr>
<tr>
<td>Period Lighting Fixtures, Inc.</td>
<td>800-828-6990</td>
<td>Clarksburg, MA 01247</td>
<td>Manufacturer &amp; custom fabricator of handmade 18th- &amp; early-19th-century lighting fixtures: original designs from museums such as Historic Deerfield, Old Sturbridge Village &amp; Colonial Williamsburg.</td>
</tr>
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**BUYING GUIDE**

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<th><strong>Company</strong></th>
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<tr>
<td><strong>Phelps Co.</strong></td>
<td>603-336-6213; Fax: 603-336-6085 <a href="http://www.phelpsc.com">www.phelpsc.com</a> Hinsdale, NH 03451</td>
<td>Manufacturer &amp; designer of traditional, hot-forged solid-brass window &amp; screen-door hardware; sash pulleys, weights, chains &amp; cords, sash locks &amp; lifts, casement stays &amp; fasteners, storm/screen hangers, bronze screen wire &amp; screen-door latch sets. Click on No. 6001</td>
</tr>
<tr>
<td><strong>Reggio Register Co., Inc., The</strong></td>
<td>800-880-3090; Fax: 978-870-1030 <a href="http://www.reggioregister.com">www.reggioregister.com</a> Leominster, MA 01453</td>
<td>Manufacturer of decorative &amp; functional cast-iron, brass, aluminum &amp; wood grilles: historic &amp; contemporary designs for forced-air &amp; high-velocity systems; large selection of sizes in stock. Click on No. 5810</td>
</tr>
<tr>
<td><strong>Renaissance Conservatories</strong></td>
<td>800-882-4657; Fax: 717-661-7727 <a href="http://www.renaissanceconservatories.com">www.renaissanceconservatories.com</a> Leola, PA 17540</td>
<td>Custom fabricator &amp; installer of traditional conservatories, sunrooms, greenhouses, skylights, roof lanterns, garden houses, pool enclosures &amp; garden windows: handcrafted mahogany &amp; cedar components. Click on No. 378</td>
</tr>
<tr>
<td><strong>Rocky Mountain Hardware</strong></td>
<td>888-788-2013; Fax: 208-788-2577 <a href="http://www.rockymountainhardware.com">www.rockymountainhardware.com</a> Hailey, ID 83333</td>
<td>Manufacturer of handcrafted solid-bronze architectural hardware: sinks; faucets, bath &amp; kitchen accessories; 7 different finishes; traditional, contemporary &amp; other styles. Click on No. 7720</td>
</tr>
<tr>
<td><strong>St. Louis Antique Lighting Co.</strong></td>
<td>314-863-1414; Fax: 314-863-6702 <a href="http://www.sla.com">www.sla.com</a> Saint Louis, MO 63130</td>
<td>Manufacturer &amp; supplier of architectural lighting: all styles; historical reproductions &amp; custom lighting; restoration services; residential, commercial &amp; ecclesiastical projects.</td>
</tr>
<tr>
<td><strong>Subway Ceramics</strong></td>
<td>888-387-3280; No fax <a href="http://www.subwaytile.com">www.subwaytile.com</a> Verona, WI 53593</td>
<td>Supplier of historically authentic ceramic tile: field tile, moldings &amp; trim pieces; mosaics; Victorian style. Click on No. 1687</td>
</tr>
<tr>
<td><strong>Tile Roofs, Inc.</strong></td>
<td>888-708-8453; Fax: 708-479-7865 <a href="http://www.tileroofs.com">www.tileroofs.com</a> Frankfort, IL 60423</td>
<td>Custom manufacturer, importer &amp; distributor of hand-finished roof tile &amp; fittings: European clay, concrete &amp; natural slate; new &amp; salvaged; repairs &amp; additions. Click on No. 4570</td>
</tr>
<tr>
<td><strong>Timberlane, Inc.</strong></td>
<td>215-616-0600; Fax: 215-616-0749 <a href="http://www.timberlane.com">www.timberlane.com</a> Montgomeryville, PA 18936</td>
<td>Custom manufacturer of handcrafted custom exterior shutters: maintenance-free Endurian, Premium Wood, Advantage &amp; Fundamentals lines; western red cedar &amp; Honduran mahogany; selection of period-accurate exterior shutter hardware; historically accurate standard designs. Click on No. 1595 for Endurian; 1056 for wood</td>
</tr>
<tr>
<td><strong>UpMO Technologies</strong></td>
<td>484-690-0570; No fax <a href="http://www.ugmo.com">www.ugmo.com</a> King of Prussia, PA 19406</td>
<td>Supplier of UpMO ProHome soil-sensor system: underground sensors monitor soil &amp; maintain soil moisture at root level. Click on No. 1704</td>
</tr>
<tr>
<td><strong>Vintage Doors</strong></td>
<td>800-787-2001; Fax: 315-324-6531 <a href="http://www.vintagedoors.com">www.vintagedoors.com</a> Hammond, NY 13646</td>
<td>Custom manufacturer of handcrafted doors: interior &amp; exterior doors; hardware; screen &amp; storm doors; porch panels; glass, mahogany, white oak, cherry, Douglas fir &amp; more; many styles. Click on No. 1727</td>
</tr>
<tr>
<td><strong>W.F. Norman Corp.</strong></td>
<td>800-641-4038; Fax: 417-667-2708 <a href="http://www.wfnorman.com">www.wfnorman.com</a> Nevada, MO 64772</td>
<td>Fabricator of sheet-metal ornament &amp; tin ceilings: hundreds of stock designs of cornices, moldings, bracket, backsplashes, pressed-metal ceilings, siding, roofing, cresting, kitchen equipment &amp; more; duplication from samples or drawings. Click on No. 520</td>
</tr>
<tr>
<td><strong>White River Hardwoods-Woodworks</strong></td>
<td>800-558-0119; Fax: 479-444-0406 <a href="http://www.whiteriver.com">www.whiteriver.com</a> Fayetteville, AR 72701</td>
<td>Manufacturer of architectural millwork: Mon Reale moldings, authentic hand-carved line of adornments for cabinetry &amp; furniture in linden, cherry &amp; maple; lineals, mantels &amp; range hoods in stock.</td>
</tr>
<tr>
<td><strong>Wiemann Metalcraft</strong></td>
<td>918-592-1700; Fax: 918-592-2385 <a href="http://www.wmcraft.com">www.wmcraft.com</a> Tulsa, OK 74107</td>
<td>Designer, fabricator, finisher &amp; installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors &amp; hardware, balconies &amp; more; all cast- &amp; wrought-metal alloys, finishes &amp; architectural styles; since 1940. Click on No. 1223</td>
</tr>
<tr>
<td><strong>Wood Window Workshop</strong></td>
<td>800-724-3081; Fax: 315-733-0933 <a href="http://www.woodwindowworkshop.com">www.woodwindowworkshop.com</a> Utica, NY 13501</td>
<td>Manufacturer of custom wood windows &amp; doors: any size, shape &amp; species; traditional mortise-tenon construction with true-dividend lites; historic reproduction of double-hung, casement, arch &amp; bent units. Click on No. 9640</td>
</tr>
<tr>
<td><strong>Woolen Mill Fan Co.</strong></td>
<td>717-382-4754; Fax: 717-382-4275 <a href="http://www.architecturalfans.com">www.architecturalfans.com</a> New Park, PA 17352</td>
<td>Supplier of belt-driven ceiling fans: some built from patterns in Smithsonian exhibit; Iron, bronze &amp; aluminum with mahogany blades; handcrafted by old-order Amish; assembled to specifications at PA studio. Click on No. 316</td>
</tr>
<tr>
<td><strong>Zepsa Industries, Inc.</strong></td>
<td>704-583-9220; Fax: 704-583-9674 <a href="http://www.zepsa.com">www.zepsa.com</a> Charlotte, NC 28273</td>
<td>Engineer, custom manufacturer &amp; installer of Classical &amp; contemporary architectural woodwork: railings, stairs, wine cellars, mantels, paneling, furniture &amp; more; for estate-level residences, yacht interiors &amp; select commercial commissions. Click on No. 1675</td>
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</tbody>
</table>
Artwork, Art Glass & Furnishings

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Arts and Crafts-style drapery hardware is available from Ann Wallace & Friends in three stains – natural, cherry and dark Mission. Click on No. 1201

Gaby's Shoppe offers a selection of drapery hardware designs in six powder-coated finishes. Click on No. 2520

This mixed-media sculpted art table by Fine Architectural Metalsmiths was inspired by a Ming Dynasty tapestry. Click on No. 2640

View the complete Gaby's Shoppe catalog online: www.gabys.com

Composition ornaments from Decorators Supply Corp. can be applied to furniture, as shown in this bed frame. Click on No. 210

Curtains & Roller Shades

old fashioned window treatments, embroidered or plain, in many colors & fabrics. Styles for Arts & Crafts, Victorian & 18th Century Homes & early industrial. View our large textile collection.

Ann Wallace 219-614-0175 www.annwallace.com

These statues, "Summer," "Autumn," and "Winter," were created by Haddonstone (USA) Ltd. Click on No. 4020
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.
Click on No. 4020

This specialty interior column base is one of many offered by Chadsworth Columns. Click on No. 1580 for PolyStone; 180 for wood

Custom columns and capitals from Historical Arts & Casting, Inc. can be used in a variety of applications.
Click on No. 1210

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Historic Wilmington, NC 28401
(P) 800.486.2118  (F) 910.763.3191

Columns, capitals and spandrels such as these are available from Decorators Supply Corp. Click on No. 210
www.period-homes.com
W.F. Norman provides a wealth of sheet-metal ornament, including the square-neck capital #4478, which is available in heights of 15 and 18 in. Click on No. 520

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

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

Browse our unrivalled collection online or call to request a catalog.
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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www.RenaissanceConservatories.com

www.period-homes.com
Conservatories & Outbuildings continued

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

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www.period-homes.com

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

www.period-homes.com

Doors, Windows, Shutters & Hardware

These "S" shutter holdbacks are available in various sizes from Acorn Forged Iron. Click on No. 1690
Replicating by hand the grandeur of quality and design. Every window matching the exact details created by the masters long gone. Carrying on the tradition.

ARTISTIC Doors and Windows®
ArtisticDoorsandWindows.com
800-278-3667
Architectural Components restored the windows, doors and reproduction 18th-century hardware for the Jacob Whittmore House at the Minuteman National Historic Park in Lexington, MA. Call for more information.

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

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 refinshed this decorative door pull. Click on No. 2930

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Sash locks

www.phelpscompany.com

PHELPS COMPANY

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03451

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CLICK ON NO. 6001
Interior storm windows from Cityproof Windows are designed to reduce noise infiltration.

Click on No. 2390

E.R. Butler & Co.'s extensive collection includes French door hardware.

Click on No. 2260

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HeartWood
FINE WINDOWS AND DOORS

800-321-8199
Doors, Windows, Shutters & Hardware continued

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

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

The Well Dressed Address

You don't put just any shutters on a home such as this. You choose Timberlane. While most people love their look, to you, the beauty is in the details. In the clear, kiln-dried western red cedar. The mortise & tenon joinery. The copper capping to protect the joints from moisture. The knowledge their beauty will endure. And, that they are custom made to match the most exacting of standards, and the most discriminating of tastes.

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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

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

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

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Inside or outside removable
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These ornate wood moldings were manufactured by White River Hardwoods-Woodworks.

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This copper planter was fabricated by EJM Copper 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

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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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.

The overall height of this two-light cast-bronze lantern from Deep Landing Workshop is 23 in. and the body is 17 ¼-in. tall; it projects 13 ½ in. from the wall.
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These chandeliers were fabricated by Fine Architectural Metalmiths.
Herwig Lighting designed and manufactured this cast-metal light fixture. Click on No. 9130

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. Click on No. 301
Lighting & Electrical continued

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

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EJM Copper 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

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

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

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Zepsa Industries fabricated the woodwork for these kitchen cabinets. Click on No. 1675
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This Jefferson louvered cupola from Custom Home Accessories features a copper top and rooster weathervane. Click on No. 527

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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

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 to 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.

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 Rachid

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 relights 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 light shafts. 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 handcrafted 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 sulfurous atmosphere. It is similar to S-W Evergreens (64/47).

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, Gildeden, 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 (www.mylands.co.uk).

Jewels in the Crown

Founded in 1754, Devoe is America’s oldest paint brand, currently stabilized 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.ravelbookstore.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-CSweck Co] 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 personal own fan deck of over 400 Master Painter Colors: 1-3, 5-7, 10-13, 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.

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