

The 2008 Guidebook

Plus the TRADITIONAL BUILDING SHOW PREVIEW and the 2008 ROUNDTABLE

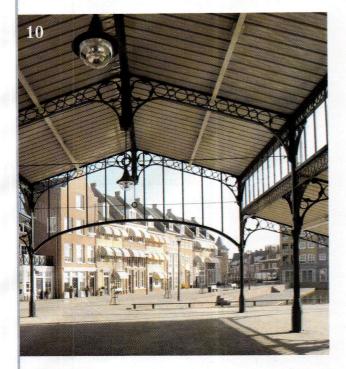
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Traditional Building magazine is re-launching its website with an updated look as well as greatly expanded content. Editorial features, product information and images previously available only in the magazine will be features of the renovated site. New web-only features, such as a discussion forum and a complete site archive, will also be added. See page 195 for more details.

**On the cover:** The Whitman College complex at Princeton University refers to Ralph Adams Cram's work on the campus. See page 20. *Photo: Denise Applewhite, Princeton University* 

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Traditional Building's sixth annual Guidebook is a comprehensive, up-to-date list of suppliers of traditional products and services. The Product & Service Index features more than 430 companies indexed in 20 sections and more than 750 categories. For complete company information, consult the Sourcelist, an alphabetical directory of all of the companies in the index. The third section, containing Portfolios, features photos of the companies' products.

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The Traditional Building Exhibition and Conference is the largest national event for professionals and enthusiasts who restore, renovate and preserve historic buildings or build new ones in a traditional style.

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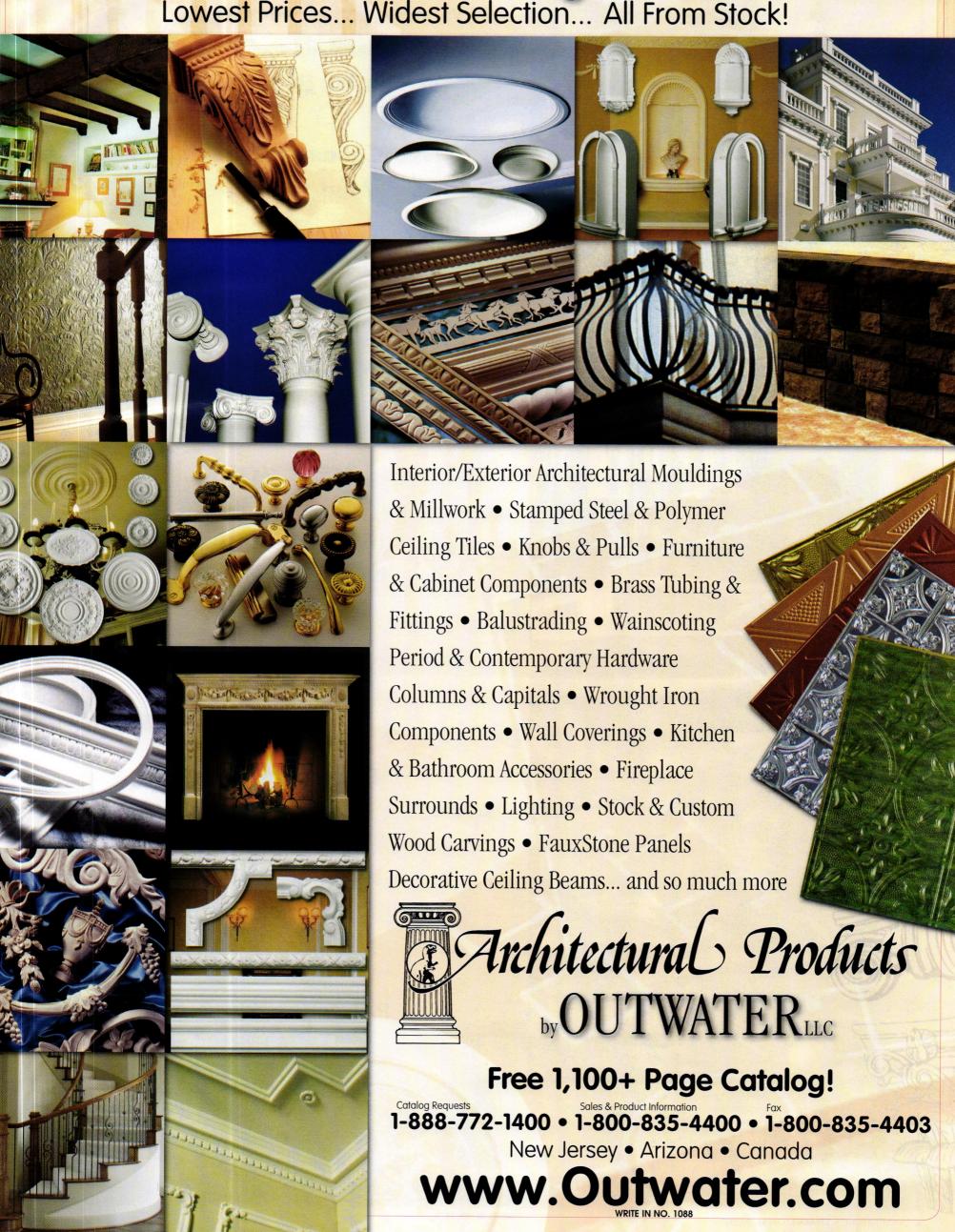
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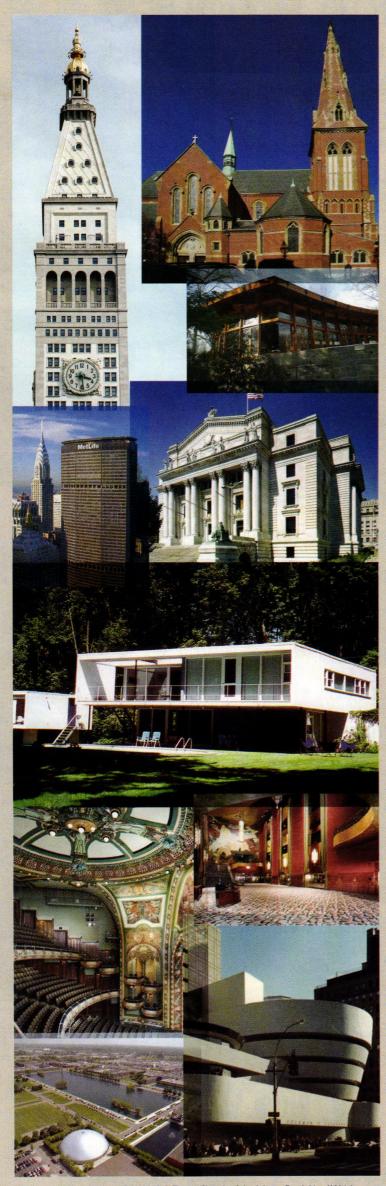




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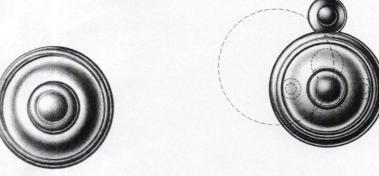
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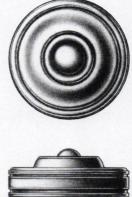
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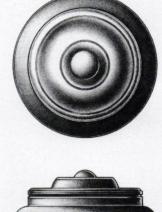


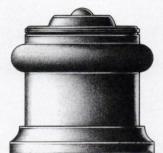


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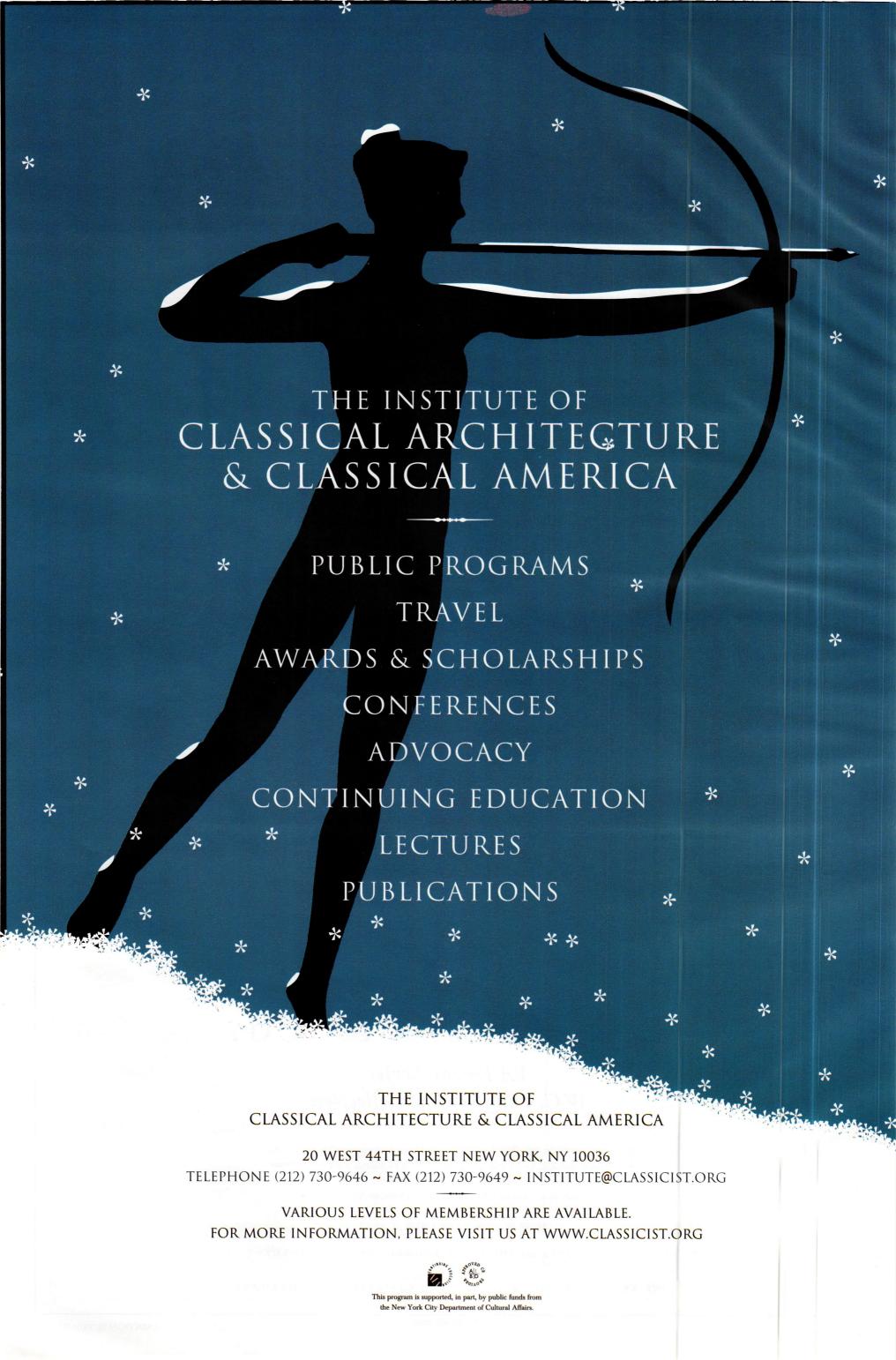
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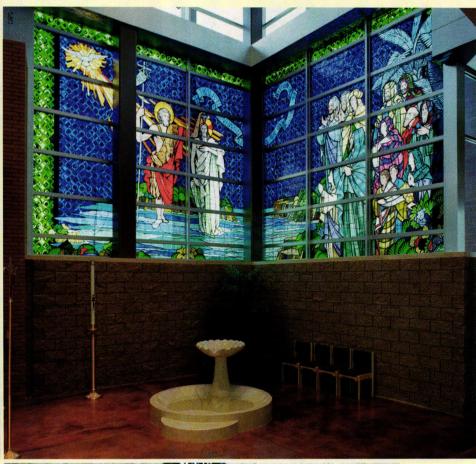


Church of St. Martin-in-the-Fields, Chestnut Hill, PA
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Lighting, new chandeliers and engineered light fixtures by Rambusch Lighting.
Award for Preservation Achievement from the Preservation Alliance of Greater Philadelphia.
Building Excellence Award: Best Historic Restoration from the General Contractors' Association of Philadelphia.

St. John the Baptist Church, Draper UT

Rev. Terence M. Moore · EDA, Architects · Leandro Velasco, Stained Glass Artist

Church interior designed and fabricated by Rambusch Crafts, including stained glass windows and Bottichino baptismal font.





Basilica of Sts. Peter and Paul, Lewiston ME Rev. Robert D. Lariviere, Rector

Interior renovation by Rambusch Crafts including new Bottichino marble altar including elements harvested, refinished existing brass, high altar candelabra.

The interior was repainted, decorated and relighted by Rambusch.

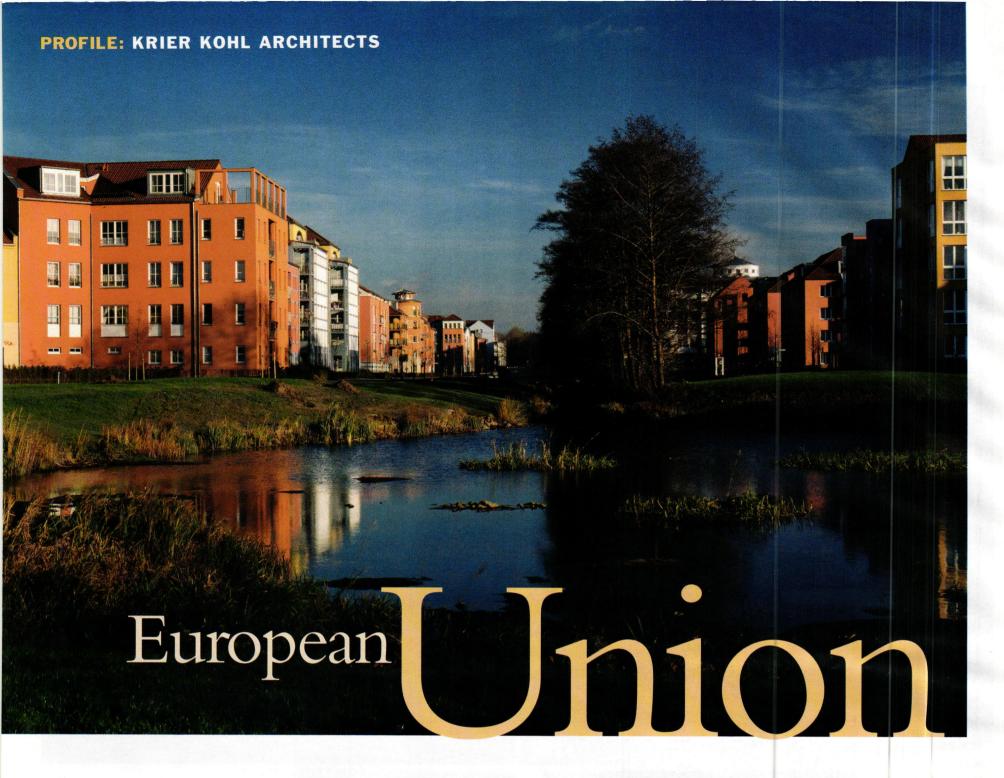
Our Lady of Camarin Oratory, Basilica of the National Shrine of the Immaculate Conception, Washington DC Msgr. Walter R. Rossi, Rector

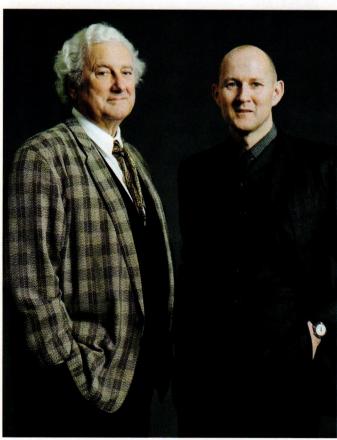
Bronze and crystal glass case with interior lighting and Bottichino and Belgian black marble base designed and fabricated by Rambusch crafts.











Rob Krier (left) and Christoph Kohl are collaborators and visionaries, but they are also family - Kohl is married to Krier's daughter. The familial bond, Kohl says, strengthens the work. Photo: Kramer + Giogoli Photodesign

Top: Located southeast of the city of Potsdam, Kirchsteigfeld is one of the largest construction projects undertaken in the former East Germany since the country's reunification. Following a master plan by Krier Kohl Architects, some 25 different firms contributed designs to the development. Photo: H. G. Esch

Krier Kohl Architects brings order and meaning to cities torn apart by World War II and its lingering aftermath. By Kim A. O'Connell

fter the bombs of World War II had done their devastating duty, the German city of Potsdam was in ruins, with many of its glorious Prussian-era buildings severely damaged. Cut off by the infamous Berlin Wall, Potsdam suffered further in the post-war era when the remains of its historic city center were largely demolished rather than rebuilt. With the passage of time, however, the city has embraced its history and endeavored to restore its grandest old buildings, including the 18th-century Potsdam Castle Sanssouci. This work extends to a growing appreciation of traditional urban planning, as illustrated by the new village of Kirchsteigfeld.

Since its completion in 1996, the village has transformed a once-derelict field southeast of Potsdam. It remains one of the largest housing construction projects undertaken in the former East Germany since the country's reunification. With three main sections grouped around a central market square, complete with a church, schools, shops and offices, Kirchsteigfeld represents the full realization of the New Urbanist ideal - a mix of uses, a thriving community and a distinct sense of place. Its vibrancy and variety are the handiwork of some 25 different architects, but the cohesiveness and logic of its master plan are due to one firm - Krier Kohl Architects.

Led by Rob Krier and Christoph Kohl, this Berlin-based office has designed a wide range of buildings and developed dozens of major urban-planning projects over the past 15 years. Both principals are committed to work that repairs the fabric of urban life, which they believe has been seriously undermined in the decades since World War II. "Modern cities are mainly constructed in freestanding buildings," says Krier. "The traditional type of urban villages disappeared in modern spaces after the last world war. You could see this dramatic loss of urban space in both new areas and the historical centers. Throughout my career, I have tried to rediscover the quality of traditional cities."

#### A Family Business

Most architects have some crystallizing moment, some compelling memory that sets them on the inevitable course toward the design profession. The seeds of Rob Krier's long and fruitful career, for example, were planted in several places - his father's tailor workshop, the old cities of France and Italy where the family vacationed, and the medieval mansion where his great-grandfather lived, with its thick gothic walls and vaulted salons.

'When I was around 12 years old," Krier recalls,"I began to copy plans showing the building alterations of this house which my father saved in his wardrobe. These blueprints were for me such an amazing attraction that I tried to copy the technique by drawing, with a red or blue pencil, houses for myself. These were the original motivations that plunged me into the profession."

Born in Luxembourg, Krier studied architecture at the Technical University of Munich in the early 1960s, where he received a surprisingly traditional education. "I was a little bit shocked because I wanted to be a Modern architect like Le Corbusier and the other Modern pioneers," he says. "But one of my teachers was writing a book on how to construct brick walls, and in the early 1960s this was unbelievable and not fashionable. It was a craftsman's education."

Krier was converted. After the university, he spent the first decade of his professional career in the offices of architects O.M. Ungers and Frei Otto. He became part of an influential group of neo-traditional architects that included Massimo Scolari, Aldo Rossi, Mario Botta, and Rob's renowned brother,



Above: Kirchsteigfeld was a massive undertaking that took the firm five years to coordinate and complete. Rather than replicate the skyscrapers of modern cities, the principals ensured that buildings in the village are no higher than five stories. Photo: H. G. Esch

Right: For architecture to be recognized as such in Germany, Christoph Kohl says it usually has to be "strong, brutal and radical." As a result, the buildings of Kirchsteigfeld exhibit an undeniably Post-Modern aesthetic, interpreting tradition in a spare, bold way. Photo: H. G. Esch

Léon Krier. He published several important articles and books on urban spaces and architectural composition. He also began teaching architecture at the University of Stuttgart and from 1976 to 1998 was professor at the Technical University of Vienna, with guest professorships and lecturing tours at universities in the United States and abroad.

Despite this success, Krier and his colleagues have repeatedly fought the enduring stigma of the Nazi regime, which had appropriated Germany's traditional buildings to lend credence to their cause. To some German intellectuals, New Urbanism results in gated, gentrified communities, which extends, in their minds, to un-democratic ideals. Krier says that he and his brother were even called fas-

cists early in their careers. Design work could sometimes be difficult to come by, and Krier entered many competitions as a way to keep his ideas fresh and the practice alive.

Thankfully, some German decision-makers embraced a traditional approach to rebuilding their cities in the post-war era. Krier's earliest planning work included two major projects developed under the auspices of Berlin's International Building Exhibition, an effort in the late 1970s and early '80s to restore some of the building typologies of the prewar era. Krier's master plan for the Ritterstrasse, the first of the two plans, is for 23 apartment buildings organized around two courtyards and a central mall. The buildings themselves, designed by several European architects and completed in 1980, are spare and modern, but the overall plan is all about connectivity and flow. The second project,

Right: A pavilion at Brandevoort stands uncharacteristically empty and is just one of several spaces in the town where people can congregate. Photo: Krier Kohl Archive

Below: Krier and Kohl's plan for the town of Brandevoort in the Netherlands includes accommodations for some 20,000 residents. The town center includes shops, a school, restaurants and some 1,500 traditionally styled rowhouses. Photo: Mick Palarczyk

called the Rauchstrasse, includes nine urban villas designed by several architects, including Aldo Rossi and Hans Hollein, and was completed in 1985.

While Krier was making a name for himself, Italian-born Christoph Kohl was studying architecture at the universities of Innsbruck and Vienna, where he embraced the work of Rob Krier, Aldo Rossi, James Stirling and other Post-Modernists or traditionalists. During this time, his life took an auspicious turn when he met his future wife – who happened to be Krier's daughter. "He was at that time a very famous personality and he was one of the outstanding protagonists of the so-called Post-Modernism, which in the '80s in Europe was very popular," says Kohl. "In that period he was very famous, not because of the quantity of buildings

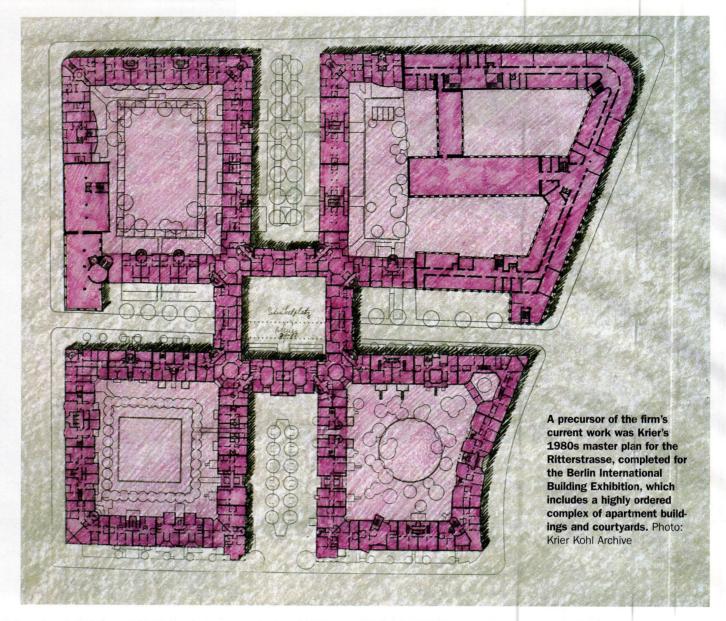




that he did, but because of his message. To me as an architecture student it was exciting.'

Later, the patriarch and the sonin-law decided to start a practice together, initiating an informal partnership in Vienna in 1989 that became the Berlin-based office in 1993. "Both my mother-in-law and my wife tried to convince me that it might be a bad idea to collaborate with Krier," says Kohl. "He's a pure artist. He needed someone to care for his office. This was also the beginning of computer-aided design. Krier was convinced by someone to buy a CAD computer, which was extremely expensive at the time. Nobody knew how to work with it, and I was very interested, so I introduced this new technology in a quite traditional studio."

Krier tells a similar version. "My daughter naturally was afraid the partnership would end in a family drama," he says. "But after Christoph had worked in Vienna on other projects for a while I told him quite simply, let's try it. He has good academic training, and he can manage the thing. He is precise, quick, and takes care of the money." Their complementary natures point to the precise reason Rob and Léon Krier have never created a formal practice together, even though they have collaborated many times. The brothers are too similarly ambitious and artistic, Krier says, to allow for the compromise that a successful firm requires.



#### **Defining Public Spaces**

Since launching the firm, Krier the artist and Kohl the pragmatist have been united not only by family ties, but also by their common mission to reshape European cities, placing a special emphasis on Germany and the Netherlands. Kirchsteigfeld, the first major collaboration between the principals, was a massive undertaking five years in the making. Although the design is assertive, it's hardly groundbreaking, and that's just as the architects intended it. Buildings top out at five stories, green space is ample and a streetcar line connects the village to Potsdam.

"In Germany architecture has to be strong, brutal and radical, and only then is it considered architecture," says Kohl. "For us, the main issue at Kirchsteigfeld is the urban space. In our work we are very clearly defining public spaces and private spaces, and we have very clear façades to the houses that are evidently public. The backside is more private, less decorated. The second facet is that every urban pattern is very composed; streets are leading from square to square."

Despite this success, Germany has not been quick to embrace New Urbanism. As a result, Krier and Kohl have increasingly turned their attention to the Netherlands, where they have found an enthusiastic clientele that has been disenchanted with the country's pervasive cheaply realized Modernist schlock.

best architects in the locality to produce the designs. We also tried to keep the lay-"Instead of making decorations, famous Modern architects chose very expensive at the quality of the land." Another long-term project has special meaning for Rob Krier - the plan for the

De Resident is a mixed-use commercial and residential project in The Hague that is arranged around a horseshoe-shaped courtyard. The central marketplace is connected to the city's main rail station and offers a network of arcades, streets and small open spaces. Photo: Mick Palarczyk

materials, like Mies van der Rohe did for the Barcelona Pavilion," Kohl explains. "For the moneymaking developers, however, Modernism in the Netherlands leads to the most basic, cheapest architecture you could imagine. We realized that the Dutch market was absolutely waiting for an office that satisfies the basic human needs in terms of fine, cozy atmosphere, streetscapes, traditional materials and other things that were cancelled by the Modern way of building."

Currently, the firm has about 20 projects in the Netherlands. Among the most ambitious is the new town of Brandevoort, between the cities of Eindhoven and Helmond. Emphasizing density and livability, Brandevoort is complex of distinct but connected villages for some 20,000 residents. The town center includes shops, a school, restaurants and some 1,500 rowhouses built in traditional style, meant to recall historic Dutch buildings. Two blocks of 45 houses each were actually designed by visiting American students in the Rome Studies Program of the University of Notre Dame School of Architecture - who produced the "freshest ideas" one could imagine, Krier says. "You can drive over two hours through Brandevoort and discover innumerable different details," he adds. "We found the out of the fields and the canals, the trees, the small sections of woods, so our respect for the history was not just in looking at the architecture, but also looking

so-called Cité Judiciaire, or Court of Justice, in his home country of Luxembourg, which was conceived in conjunction with his brother Léon. The plan calls for the various municipal departments to be housed in small buildings that together make up a logical urban space, rather than accommodate them all in one monolithic building. Other master plans include De Resident, a commercial and residential project in the center of The Hague that is arranged around a horseshoe-shaped courtyard;



Cité Judiciaire, illustrated in this painting by Rob Krier, was conceived in conjunction with Léon Krier in the brothers' home country of Luxembourg. The development makes a minicity out of a complex of administrative and governmental buildings. Drawing: Rob Krier



Left: Because Rob Krier is, at root, a visual artist, he is particularly taken by the architect Teun Koolhaas' master plan for the new town of Citadel Broekpolder in the Netherlands. Krier Kohl has designed a high-density New Urbanist community within this visually arresting space. Photo: Krier Kohl Archive

Below: The "moat" around Broekpolder offers a visually pleasing water feature for residents, who also have easy access to shops, restaurants, a supermarket and other community facilities. Photo: Werry Crone

Consuls de Mer, an integrative new waterfront development in Montpellier, France; and the Meander, a mixed-use residential and commercial block in Amsterdam.

"[W]e are often accused of cheap populism," Krier writes in his recent monograph on the firm, called *Town Spaces* (Birkhäuser). "The apartments in the Meander were sold within a short time, and their occupants are delighted. Our buildings are designed for their residents, and they do not burden their environment with abstract design. Buildings remain buildings. People appreciate the variety created by color and materials. The residents' satisfaction is the architects' reward."

This is indeed the case in Europe, where the negative connotations of New Urbanism persist at the governmental level but are slowly being dissipated among the populace. Most of Krier and Kohl's plans have a pleasant, natural courtyard or areas where people can congregate and interact. "The American ethos, from the time of Thomas Jefferson until today, tends to work against the collective in favor of the individual," writes architect Michael Graves in the introduction to *Town Spaces*. "We in America feel that the reverse has always been true in Europe. Architects such as Krier and Kohl have capitalized on this European urban tradition of defining the collective."

Today, Rob Krier is just as likely to be crafting a sculpture at his home in Italy as he is to be toiling in the Berlin office. But he remains committed to the firm's growing roster of clients across Europe and to encouraging younger architects to enter the field. Krier's motivation may have come from the destruction of the continent's historic cities, but his partner Kohl is now just as driven by their homogenization. "My motivation to work in this field of traditional

architecture is that I'm a victim of globalization," says Kohl. "There is a big danger that one day we will live in environments that will all look the same. I believe that our architecture offers a sense of home in a world that gets more and more globalized. As we lose our real roots, I strongly think that, to feel like home, our new settlements will have to have a very strong identity." TB



The Meander, a mixed-use residential and commercial block in Amsterdam, was built on a once-abandoned industrial site. To provide the greatest number of apartments with a view of the surrounding water, two V-shaped lanes of the Meander were oriented toward the canal. Photo: Mirande Phernambucq



"The residents' satisfaction is the architects' reward," Rob Krier has written of the Meander. Like many of the firm's projects, the plan itself exhibits unity and logic, but each building has a different exterior character. Photo: Werry Crone

# Sustainability and Tradition: Ways of Building and Ways of Life

Each year *Traditional Building* holds a Roundtable discussion on a topic of current and enduring interest to its audience of design professionals. For the 2008, the topic is sustainability and tradition.

More column inches in the architectural journals are currently devoted to "green building" than any other topic, but the question of exactly what we talk about when we talk about "green" is still very much open. For some, sustainability is as quantifiable as a LEED score, while for others the situation is far more complex. For some, sustainability is a technological problem with a technological solution, while for others architectural sustainability is intimately connected with the patterns of economics, politics and culture.

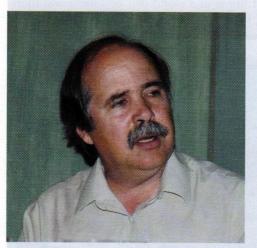
We gathered three eminent thinkers and practitioners to discuss sustainability in general and the relationship between sustainability and tradition in particular. While each had his own perspective, there was a great deal of agreement on the interdependence of ways of building and ways of life.

Michael Carey Editorial Director

## The Panelists



MICHAEL LYKOUDIS was appointed dean of the University of Notre Dame School of Architecture in 2002. A national and international leader in linking architectural tradition and Classicism to urbanism and environmental issues, he has devoted his career to the building, study and promotion of traditional architecture and urbanism. He has organized several major conferences, most recently "The Art of Building Cities," held in 1995 in Chicago, IL; "The Other Modern," which took place in Bologna, Italy in 2000; and "Three Generations of Classical Architects: The Renewal of Modern Architecture," held in October 2005 in South Bend, IN. Lykoudis is the author of *Modernity, Modernism and the Other Modern*, forthcoming from W.W. Norton & Co. Prior to joining the Notre Dame faculty, he worked as a project designer and architect for firms in Florida, Greece, Connecticut and New York. He also has conducted his own practice in South Bend, IN, Athens, Greece, and Stamford, CT.

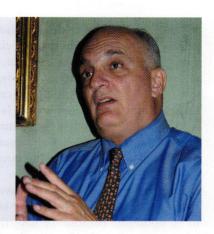


MICHAEL MEHAFFY is president of Structura Naturalis Inc. (DBA Tectics), a project consulting firm. He is also co-founder and research associate of the Centre for Environmental Structure - Europe, a research centre founded by Dr. Christopher Alexander, emeritus professor at The University of California, Berkeley, and visiting scholar at the University of Cambridge in England. Mehaffy was also formerly director of education for The Prince's Foundation for the Built Environment in London, England. Mehaffy has lectured and written extensively on architecture and planning in Europe and the U.S. and has personally designed and built many projects. He studied 20th-century art and music at the California Institute of the Arts before doing graduate work in philosophy at the University of Texas at Austin and architecture at the University of California, Berkeley.



WALTER SEDOVIC is principal and chief executive officer of Walter Sedovic Architects, founded in 1986 and dedicated to historic preservation and sustainable design. His work and firm are recognized as representing the vanguard of infusing preservation projects with green building approaches. Sedovic has lectured and published widely on preservation and sustainability. He received training in historic preservation from the University of Kansas and the International Center for the Study of the Preservation and Restoration of Cultural Property in Rome, Italy.

... sustainability has to be framed in terms of how we will share the resources of the world equitably and in terms of the best quality of life that that equity will produce. -Lykoudis



Michael Carey: How should we define "sustainability"?

**Michael Mehaffy:** The common definition that everyone seems to fall back to these days is the Brundtland Commission definition: meeting the needs of the present "without compromising the ability of future generations to meet their own needs." A deeper meaning than that is that you have a high quality of life that can endure.

Michael Lykoudis: I'm a little more pessimistic. I don't think we can sustain this quality of life in the future, not at the rate of growth to which we have become accustomed, not at the pace at which we are using our natural resources and our fossil fuels. We will have to change our way of life, it's that simple. Now, whether or not we will be able to keep our infrastructure the way it is, at least in places like New York City, which operates primarily as a sustainable enterprise for the most part, with mass transit, pedestrian proximities and the like, is still in question. In any case, we're in for some radical changes. I think sustainability has to be framed in terms of how we will share the resources of the world equitably and in terms of the best quality of life that that equity will produce.

Walter Sedovic: Iceland is a sustainable country and it's interesting that they don't necessarily use the word sustainability. I think we're still in the process of trying to tag actions and interactions that relate to our definition of global sustainability, of which buildings comprise a part. It's a culmination of efforts that are related to economy, that are related to environment, that are related to education and to so-called social equity and senses of community. It's really a way of understanding how the parts and pieces can best come together. We tend to separate out issues related to energy conservation, or we tend to separate out issues related to the environment, and that's a mistake. So for us, it's really taking every opportunity to spring-board aspects of education toward economic revitalization and of course, toward the environment.

Carey: I might be presuming too much here, but I think that everyone would agree that sustainability, in architectural terms, isn't only about building performance, or the building at all, necessarily, but about ways of life and how the building meshes with ways of life. In more global terms, on the other hand, how we think about sustainability is often subordinated to economics. I think the statement of principles on the website for the U.S. Green Building Council is very telling. They use the "triple bottom line": societal prosperity, economic prosperity and environmental prosperity. It seems to me that this framing of society and the environment in economic terms is a dangerous way to think.

**Mehaffy:** The danger of the current way of thinking is that it focuses upon a technological solution to a technological problem and it doesn't look at the long-term historic evolution of how we got to where we are. We've started using energy in a very different way and started consuming resources in a very different way and on a very different scale. Looking at old buildings – first of all there are many of them. If you're talking about any program of sustainability you have to look first of all at the existing inventory of buildings, many of which are historic buildings. So that's a huge challenge in itself. Secondly, many of those buildings are very well adapted to a low carbon pattern and to an integrated model of the way people live with their resources. There's a different idea of technology, if you will, in those old buildings – a collective intelligence, so to speak, that we can go back to and apply to new construction. And that's what I think is interesting about New Orleans as a project, and other challenges before us: how can we use that knowledge, that intelligence, to deal with our current crisis?

**Sedovic:** I think that we, in partnership with the building community, have a great effect on the way people think and the way people act overall. It is such a large industry and it does affect virtually everyone. But then again, if the idea is to truly be sustainable, we need to engage on the political side so that we can put them into effect in a meaningful and lasting way. That, in turn, plays into economics so that we make wise decisions. I don't think anybody would agree that the decisions relative to the aftermath of Katrina are economically wise.

Mehaffy: Talk about un-sustainability. That was exemplary.

**Sedovic:** So all of these become coupled and I think that once we begin to uncouple them we start to run into problems. Each of us has unique abilities to be either more politically inclined, or more economically inclined or more environmentally inclined. And so we all sort of link arms and I think that's what has begun

to happen, that there are certain groups breaking off from this larger sustainable organization, and working quite well together. I was really intrigued by the first U.S. Green Building Council conference, which was the first international conference on sustainability. What was so remarkable was that there were people who were microbiologists, there were attorneys, there were educators, there were politicians, there were some architects, there were engineers and there were social scientists. And it was this incredible group of people who all had something in mind and that conference stayed full from the very first opening statement to the very last. By the following year, it had switched gears and become much more about buildings and I would say 75–80 percent were architects and engineers and the allied professions. That greatly diminished this wonderful, fresh sense of being able to talk to people who were doing something completely different, but with the same mindset. That's what I'd like to see us get to.

**Lykoudis:** Many years ago, Leon Krier – I'll paraphrase poorly – said that the destruction of our cities and countryside can not be reversed except through an economical, political, cultural and environmental project – an ecological project. So the ecological aspect encompasses virtually everything – it is not just how we build, but also how we live together. It is about humanity understanding that we will have limited options and great difficulty in the future. Also, we talk about this country as being one of the largest users of energy and the source of environmental deterioration, but in fact the aspirations of the Chinese cannot be ignored. They're telling us, "You've had your day in the sun, now we want ours." That whole idea has been unleashed on 1.4 billion people and we have to come to terms with it and what it means for our way of life.

Carey: George H.W. Bush told us that the American way of life is not negotiable.

**Lykoudis:** And in fact it is very negotiable, because nature has a way of not negotiating with people. Someone once said that we need nature to survive, but nature does not need us to go on.

**Sedovic:** I'd like to go back to what Michael Mehaffy said earlier about buildings – early buildings, historic or not, being intrinsically more adaptable. I think part of the reason for that is not because anybody was being particularly altruistic, but because there was a very strong understanding of where your next meal would come from. We don't have that direct sense of nature now. We manipulate things so inventively that I think we lose the sense of the preciousness of the environment that we're working with.

**Mehaffy:** Contemporary buildings are just adapting to very narrow engineering criteria. If you really have to make a mutually adaptive system, which is what people had to do in a low-carbon society, before the 20th century, there's a real sophistication in that. Even the most technologically savvy engineers are now starting to recognize that. There has been some research on how historic buildings actually performed and it's pretty remarkable. A Tudor house in 1560 was more energy efficient than a mock-Tudor house in 1960, for instance. You have this image that they are primitive, leaky, cold and uncomfortable, but in point of fact, they were very sophisticated in their own way.

Lykoudis: We've learned a lot and when we select knowledge from history we can be eclectic; it's all there for us to put together in synthesis for the best possible outcome. I think that is a mindset that is sorely missing from the universities and educational institutions in the world. The solutions to the problems will require an interdisciplinary and holistic systems approach. That's the only the way that these massive solutions for energy and environment, which I see as completely linked, are going to be found. One also has to also look at the embodied energy tradeoff. You can fire bricks, but bricks, if installed properly, can be reused for thousands of years, as they have been in those parts of Europe built with Roman bricks. So while we may have spent a lot of energy firing those bricks and accepted their accompanying pollution and carbon emissions, they have lasted a thousand years. The same cannot be said for glass and steel, which have high embodied energy but relatively short life spans.

**Mehaffy:** Many traditional buildings do last 200-300 years or more. They exist today at that age, and yet today we're designing buildings, if we're lucky, for 60-year lifespans. We should really be thinking longer term. In order to think longer term, we also have to think adaptively in terms of how the building can change. I mean if it's one kind of iconic skin that can't be modified, and the material is high energy and high maintenance, that's going to make it a much tougher sell. One of

the other things that research is showing is that there are some real issues arising now with new buildings that are claiming to be energy efficient and sustainable. The glass curtain wall, for example, has drawn criticisms from a number of building researchers, including those who are pointing out the solar gain and the heat loss from all the glazing, plus the cost of the materials and the maintenance with the use of the building over time. Is it going to become dated precisely because it is "of its time," so strongly "of its time" that in 40 or 60 years, it's going to be torn down? Something like half the energy of a building is embodied in its construction. These are really disturbing questions that I think we have to answer.

Lykoudis: In the end, we will have to go through some very difficult times, but I think that there is no other way but to press forward and there is a great reason to be optimistic because we have the knowledge to save ourselves and we know what we need to do if not in the details at least as far as the big picture is concerned. Think, for example, of where we are now: Manhattan has an average carbon footprint per person that is dramatically lower than say, the suburbs of many U.S. cities, yet nobody would argue that Manhattan doesn't have a very enjoyable lifestyle. I think there's a particular burden on us in the U.S. to get our own house in order, and thereby correct the model that we've created for places like China. This model suggests that the only way to have a high quality of life is to have a high pattern of consumption and emissions and that really isn't true. We can show that it's actually incredibly wasteful to live a high consumption pattern and that the waste is not necessary to our economic and cultural well being.

of early criticism and still has a lot of political controversy. It's not by any means perfect, but it has had its successes.

Sedovic: It's a very enjoyable, very livable place.

**Mehaffy:** It's a very livable, convivial city and there's some research that shows that the carbon footprint is indeed quite a bit lower and in fact if you believe the research, the greenhouse gas targets have been brought down to 1990 levels in Portland. But that's the city of Portland, and again, we must look at the whole systems.

**Lykoudis:** And do people in Portland buy the plastic tubs made in China as much as they do in, say, Chicago?

**Mehaffy:** Yes, then we look at all these externalities; the food miles, the food that you get from South America or wherever it's coming from, and all the other things you factor in.

Carey: What do you think Portland has done well?

**Mehaffy:** Portland emphasized the downtown and the older, inner neighborhoods and said, "We're going to make a commitment to these places, and make them successful." They thought of things that would damage that, such as the Harbor

Freeway, which they actually tore down, and created a riverfront park. That was public policy.

Carey: So this was top-down?

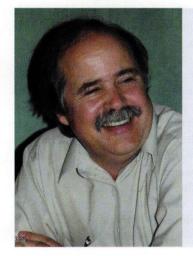
Mehaffy: It was top-down and there was bottom-up too. Also there were a lot of fertile conditions for the bottom-up approach there – a lot of artists and creative people. Plus there was the happy accident of a small, walkable street grid, which Jane Jacobs talked about as being really an ideal street grid. So it was really both. What we're trying to do in New Orleans right now is both, but we're having a heck of a problem with the top-down side of

that. The bottom-up has done some remarkable things in New Orleans, but they can only do so much.

Lykoudis: I think, also, that there have to be different scales of intervention. We have to discuss all the different scales of human habitation. At the end of the day, however, there are two questions: How do we as individuals act? How do we as architects act? How do you build, and what do you build? What do you say no to? What do you say yes to? And as educators, what do we impart to our students? What is important for them to know? We have to balance both the pragmatic nutsand-bolts issues with a broad, philosophical spectrum of thought so they can find purpose and meaning. Linking these two is always difficult and unfortunately most schools haven't been teaching what students need to know. They are teaching that green buildings are off the grid, that they have this, that and the other techno gizmo bells and whistles. It's about an individual building, a consumable footprint, rather than how it involves society. On the History Channel a few months ago, I saw a very nice exposé that talked about the Flatiron Building and spoke about it as a green building. Why is it green? It's green because it has thick masonry walls, which are supported laterally by its steel structure. The walls are thick enough that the windows are set back so that they create shadows to avoid heat gain. The cornice is deep so it offers shadows at the peak of day down the façade. The floors have flow-through ventilation and each room has a transom window, which allows air to circulate freely through the building. And the masonry reflects the heat at night and absorbs it during the day. Of course the show quickly panned over to a building with a glass curtain wall, and the narrator indicated that the new building does exactly the same thing. They didn't tell you how, but they talked about that building as being green, because it has all the bells and whistles. But it does not behave in the same way that the Flatiron Building does. The Flatiron Building is part of an ecosystem. One building, if it is not integrated completely into this realm of ecosystem, simply is not part of the organism of the city.

**Mehaffy:** I want to pick up on your point – and I find this alarming as well – the schools, by and large, are teaching a very narrow technological notion of sustainability. They are not really preparing students for what's coming in the real world, and they are certainly not doing a very good job of teaching historic preservation, for example, and historic patterns in general. It is a huge challenge before us, to take care of all these buildings that we already have, and to reuse them and to make them more useful.

**Sedovic:** I don't want to preempt what I'm sure will be a thoughtful response, but I personally and professionally have always been involved with historic buildings and actually count myself as an early sustainable architect, because that's the way I was taught. Preservation and architecture have nearly always found it rough to find a happy common ground at the university level. I've never quite understood that. I think part of it has to do with the separation of skill sets – architects tend to be



There has been some research on how historic buildings actually performed and it's pretty remarkable. A Tudor house in 1560 was more energy efficient than a mock-Tudor house in 1960, for instance. -Mehaffy

Carey: But that's against the interests of the powerhouses of the economy.

**Mehaffy:** It is right now, but that's a game they have to play just like everyone else. If you change the rules of the game, that goes to the politics again and I think the tectonic plates are shifting on that score.

**Lykoudis:** The Pentagon has conducted studies on the impact of global warming on international securities. The insurance companies know very well what's happening with global warming.

Mehaffy: Exactly.

Lykoudis: And even Detroit and Tokyo know what's happening with respect to oil. The aviation industry knows that there is an end of sorts coming up, and the wars between Boeing and Airbus reflect – perhaps I'm speculating more than I should be – that there will be very little jet fuel to go around in 20 or 30 years. Jim Kunstler talks about the fact that there have been no new refineries built. Why? Well, they are very expensive and the oil companies know that there isn't a lot of that stuff out there that's easy to get out. So I think the present power-houses will hold on as much as possible – that's their nature – but other power-houses will emerge and other economic realities will change things. What we need to do is offer guidance and direction, lest we lose our stability. I think Americans in particular are very open to this discussion, as we've always been an earnest people. We can pat ourselves on the back. Winston Churchill said, "You can trust Americans to do the right thing, but only after they've exhausted all the other possibilities."

**Mehaffy:** This economic issue is fundamental, as is this question of how the big players are playing the game right now and how they are actually able to essentially spend our grandchildren's inheritance, our grandchildren's natural capital. That's a rule of the game that I think needs to be changed somehow. I think we see that in a place like New Orleans. What's happening in New Orleans is that the more sustainable, walkable, transit-served, mixed-use, older parts of the city are not getting rebuilt, and what is getting rebuilt are the sprawling suburbs that are dependent on cars, strip malls and all those kinds of high-consumption things. How the heck are we going to get there if we can't fix New Orleans? If we can't fix New Orleans, we're in trouble everywhere else.

**Sedovic:** Other cities though are reinventing themselves to become more sustainable. Portland, Seattle, Austin – a number of cities in the heartland.

**Mehaffy:** In the city of Portland, where I live, that is true, but the suburbs are not unlike suburbs elsewhere with the same kinds of problems. Downtown Portland is an interesting story because that was some visionary leadership, which took a lot

looked upon as designers, not as builders. And that's certainly indicative of what we see of people coming through school and starting at entry-level positions. They really don't know how to build. The other interesting thing that has occurred is that there's a great interest in sustainability, so now we've got people coming to us specifically because they're looking for a combination of sustainability in preservation, or sustainability in architecture.

**Lykoudis:** The idea of sustainability is the same idea as preservation – to preserve oneself. It came out of a need to sustain the values of civilization in the early '60s, when it was really being threatened by so-called urban renewal. So preservation programs teach what architects need to know to build sustainable buildings. They are probably the only programs, except for the University of Miami, Notre Dame, Maryland and maybe a handful of other programs in the country. But except for those schools of architecture programs and curricula, the preservation programs are the only place that you really find a worldview that allows you to build well and to build sustainably.

**Mehaffy:** What can be done about that? It seems to me that that's a fundamental obstruction to any real, sustainable architecture.

**Lykoudis:** I think one of the problems is that the design culture in most schools is to simply bring out the innermost anxieties of students into some convoluted personal aesthetic expression.

**Mehaffy:** That's the problem. It's a lie they're selling the students, because they're not all going to be "starchitects." In fact only a tiny, vanishingly small percentage of them are going to do that, and the rest of them are really going to have to take some remedial work.

Lykoudis: They're not learning anything that will make them useful. They're only playing the roulette wheel and hoping they'll get lucky and become the next Rem Koolhaas. At the very basic level we have to change the culture of universities. Universities are beginning to also deal with education as a commodity, and, in fact, education is in very grave danger of becoming entertainment. I tell our students at the beginning of every year: "You're not here just to become better and more successful, you are here to give something back to society." Society educates its young so that we can have a better place in the future. So if it can't begin in the universities, I don't know where it can begin. The universities have to teach citizenship again, not consumerism. Schools of architecture have to teach useful things as well as philosophical aspirations and citizenship. Only then will we begin to actually see a shift. It's happening, people are craving it.

**Mehaffy:** And I do take heart that a lot of people are starting to discuss this issue. Kenneth Frampton talks about this commodification of architecture, turning into what he calls "architainment." This is happening certainly in the schools.

**Lykoudis:** I think you hit it right on the nose. Architecture has become another form of entertainment. In fact, consumerism is becoming entertainment. The commercials are entertaining and they have to be – funny, witty or obnoxious. Architecture is entertainment, education is becoming entertainment and hospitals are becoming entertainment. Everyone is getting into the business. Everything is media, so the substance becomes subservient to the image.

Carey: Is aesthetics the enemy of sustainability?

**Lykoudis:** Absolutely. I think sustainability must trump style. Let's imagine what architecture would look like if we didn't have petroleum. Say we had coal and we had discovered all sorts of other things that gave us cheap energy, but no petroleum. We wouldn't have the gaskets that help keep water out artificially from flat surfaces. We would have to flash things with other materials and curtain walls wouldn't be what they are. Everything would have to be different and at some point in time we would have to start making buildings that last for a long time, because it would be simply too expensive to do otherwise.

**Mehaffy:** Another way of looking at it is from the point of view of a physicist who is looking at what you might call "solution space." Physicists have noticed that if you graph the solutions to a problem there are certain clusters that naturally tend to keep recurring over and over again — they call them "attractor basins." And you as a designer create a physical response to that. Let's say it's a pitched roof that sheds the rain or

something like that. If you had a design philosophy that said we did pitched roofs before but we can't do them anymore – now we have to do something else because that was then and this is now – then suddenly you have to come up with another kind of roof. Maybe it's a flat roof and then you have to flash it. So what I'm getting at is that by having this standard that says you cannot do anything that was done in the past, you're actually creating a burden on yourself when you're trying to create a sustainable building culture.

You really need, just as nature needs, to reuse that which works, and if you don't do that, you're going to paint yourself into a gradually tinier and tinier corner of the "solution space" where you're going to have to come up with more desperate kinds of inventions to solve the problems.

Lykoudis: Well that really describes the present state, doesn't it?

**Sedovic:** It does. We still have the ability to engineer nature out of our solutions, but there are great models of sustainable ways of building. I'd like to mention the Tudor example, because that's exactly the opposite of what should happen. If we're going to mimic the past or if we're going to learn from the past and incorporate elements of the past, then why do our solutions perform worse than something several hundred years their predecessor?

**Mehaffy:** Because we're just acting on the image and that's what we consider the "style."

**Sedovic:** That's exactly it.

**Mehaffy:** It's very much a question of adapting to the current condition and not just pretending that it's the same when it's not. History is full of examples. Greek temples were originally made of wood, then became stone, and then you have, many centuries later, Bath being built from similar Greco-Roman architecture using that wonderful Cotswold limestone. It has its own lovely characteristic, like no other place in the world, and yet it follows a lot of the same Classical principles of design. So I think we've got to get to a more organic view of these things, taking what works and adapting it to something new. And you don't artificially abstract the image or the commodity of it, you look for the deeper patterns and you apply those to the problem that you have to solve.

Lykoudis: We are so object fixated in our culture today. When we look at a column, let's say a Doric column, we forget that it's actually part of a colonnade and that the character of the building is about the proportion of the column and the space between the columns. Hawksmoor's Mausoleum colonnade with its very tightly spaced columns has a completely different character, and evokes a different feeling, than the Parthenon. It's about looking at the relationships between things. What is the brick's relationship to the other brick? What is its relationship of a column to a wall? What is the wall's relationship to the opening? And then what is the building's relationship to other buildings that creates the character of the city? That's why Bologna is not the same as Modena even though it's 20 kilometers away. So it's all about the relationships between things, and education has to focus on that stuff, on the dark matter of space if you will, as well as on the planets.

**Mehaffy:** Yes, well said. And you remind me of this crucial topic of local identity, which people seem to be very worried about as we globalize. The worry about globalized architecture, which is a universal phenomenon, is that we're losing the authentic local character of places like New Orleans. That's exactly what people love about New Orleans – even though some of the architecture might be Greco or Roman or Victorian or whatever, it's combined in a way that's absolutely unique to that place.

**Lykoudis:** There was a Congress for the New Urbanism (CNU) council in Charleston years ago and one of the issues that came up about one of the architectural projects that were being displayed was that of authenticity. None of these places look authentic because it has all been designed at once with an image in mind. It doesn't come out of any deeper purpose.

Mehaffy: This is Christopher Alexander's criticism as well.

-Sedovic

**Lykoudis:** It just comes from an artificial image and it comes from an attitude towards building that is not a culture but a technocratic system of consumption. So of course it doesn't have a deeper purpose and it never will. Some of the best architects today can do very, very good traditional architecture but I have yet to see an exemplary project.

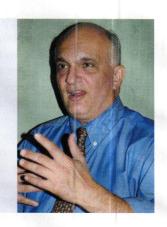
**Carey:** I wonder if this whole discussion isn't basically about two things, scale and time.

Mehaffy: Absolutely. They always are.

Preservation and architecture have nearly always found it rough to find a happy common ground at the university level.



In the end, we will have to go through some very difficult times, but I think that there is no other way but to press forward and there is a great reason to be optimistic because we have the knowledge to save ourselves and we know what we need to do. -Lykoudis



**Lykoudis:** I just want to say, before we go on, that one of the big dangers I see in the future to all of this is a rehabilitation of unjust movements. At the passing of Jane Jacobs, I found really troubling an article in *The New York Times*, in which Nicolai Ouroussoff tried to rehabilitate Robert Moses. You know Robert Moses may have done some marvelous parkways, but in the end his dismissal of Jane Jacobs and the humanity she brought into the city and into the architecture was just outrageous. The media, and particularly the architecture critics, have done a horrible job of misinforming – well they've done a very good job of misinforming – the public, misdirecting them into issues which are red herrings, and have nothing to do with the poetry and the pragmatics of life.

Mehaffy: I think that there's a phenomenon of collective amnesia that's quite alarming and the treatment of the death of Jane Jacobs is a case in point, as is the rehabilitation of Robert Moses. It's because a city like Portland resisted Robert Moses and pulled down the freeway that it became the walkable, convivial, sustainable city that it is today. It's because we recognized our mistakes and learned from them and reversed them and went on from there. And I find it astonishing that suddenly we're going to dismiss all that. And again, it goes back to the issue of scale and time, and the question of scale and the accepting of large-scale projects, deepblock projects of the kind that Moses advocated. In terms of large-scale transport systems, these things that are not moving in the direction of fine-grained adaptivity, which is what we need to have if we're talking sustainability. I think it's quite alarming, and we do need to respond to that vigorously and put out the counter argument that Jane Jacobs was right. I also think that the CNU is fascinating as an organization in that it actually is identifying a common theme on which people who are very much on the right, very much on the left, very much all over the map politically, have converged. It's about conviviality and the civic realm and how we actually have a collective responsibility for that. Where else do you find that kind of thing? It's very hopeful to see people starting to cross the divide and talk about these things, particularly in light of this whole sustainability discussion and how we are actually going to do this together.

**Sedovic:** My question on the CNU is why be a New Urbanist when you can be an old urbanist? It's another tag that people get excited about and maybe they think that they're looking at something new because they're two generations separated from a concept that had been a natural part of life. From the end of World War II to the late 90s, I think we started forgetting everything we used to know. I was at a presentation a year or so ago on the development of a CNU project at the expense of exactly the same thing happening in the downtown, which was 12 miles away. So I actually brought this up and I was trying to be as polite about it as possible, but I did set it up as a loaded gun by asking, "Well is your project doing this?" The answer was yes and yes. I said, "But isn't that everything that the downtown already does?"

Mehaffy: Right.

**Sedovic:** Nobody is doing anything downtown. Why not? That's where the money should be going. I am LEED (Leadership in Energy and Environmental Design) accredited and I stand behind the U.S. Green Building Council, but LEED is modeled on certain guidelines and there are other guidelines around the world that would be applicable to us here. It's unfortunate that it has become a little bit of a monopoly in that there hasn't been much competition introduced in the United States. The issue with that is that when the government or an organization or an individual says, "I'm going to design a LEED-certified building," that

doesn't necessarily mean that it's a sustainable product at the end of the day. It's a checklist that you go down and you might hit it, or you might not hit it, depending on what all of the other variables are. So people misunderstand, because if they are handed a CNU brand – and it is a brand – or an LEED brand, they think they are doing the right thing and that may not necessarily be the case.

Mehaffy: In the CNU's defense, it is a set of principles, which are often not very well realized, but it is a very ambitious attempt to try to realize them in the context of all these economic phenomena that we're talking about. And the principles apply to development wherever it's located. Often they don't help older, established areas because economics dictate what's going to happen. So do you just say - as many architects do - that you don't care about the suburbs and you're just not going to pay any attention to them, even though they constitute 95 percent of the development that goes on? Do you focus purely on the downtown - which is much more sustainable already - or swallow hard and actually tackle this monster in the suburbs and try to slow it down, even at the risk of being accused of being part of this monster? I think the CNU should get credit for trying even where it fails – for at least tackling that phenomenon. I'll criticize a lot of other things about it, certainly the level of perfection and the goals yet to be realized, but I wouldn't fault it for not being ambitious in the right way. Also the whole "new" thing is that it is new in the current context of trying to go back to the old, in the same way that architects today talk about how you can't copy the old but you can certainly learn from it. When you do, that itself is something new.

Lykoudis: And nobody would have listened to them if they'd said it was old urbanism.

**Sedovic:** Yes, no question.

**Lykoudis:** One of the problems is not the CNU's fault as much, I think, as the media's for not playing up the projects in the inner cities that could have been seen as New Urbanist projects.

**Mehaffy:** Absolutely.

**Lykoudis:** Some of the Hope VI housing, such as the housing on 116th Street and Park Avenue in New York City, is not bad. It's pretty good row housing in Harlem. That's New Urbanism.

**Mehaffy:** Urban Design Associates does a lot of inner-city projects, as does Moule & Polyzoides. Quite a few New Urbanist firms do, but the greenfield projects get all the ink.

**Lykoudis:** I resent it when some newspaper or newscaster points a finger at traditional architects or New Urbanists and says, "All you guys do are suburbs for the rich." It ignores all the hard work that goes into places like Harlem. Torti Gallas did some lovely interventions in places that people had given up on. It's not cuttingedge architecture, but then I think we have a myth of what progress means today.

**Mehaffy:** Right. We need the background urbanism. Cutting-edge architecture can take its place, but...

**Lykoudis:** People forget that some of the great architects of antiquity did background buildings.

Sedovic: Modernism was terrific in that sense because when the first drawings

arrived showing early Modernist buildings set in the context of 18th and 19th century buildings, that was fantastic. But if you're looking down Park Avenue in the '50s, or down around lower Manhattan in the '40s, it becomes much less fantastic because the context is gone. So yes, I totally agree.

**Mehaffy:** This whole subject of contextualism is a hot one. How we respond to context and function goes hand in hand. If you're



...one of the things I've found that differentiates Italy from many other countries is that it's still authentic in the sense that it has a continuum of linkage to its past. -Sedovic

dealing with the context in terms of the sustainable patterns of life, you're probably also going to be dealing with some of the materials, the expressive characteristics of the place too. You'll get aesthetic contextualism. The aesthetics will flow from what you're doing, not drive what you're doing. As you were saying, you don't let aesthetics be the enemy.

Sedovic: I'd like to raise the question of where in the world sustainability does seem to have a hold. I would have to say that in many parts of Italy that's probably true, and one of the things I've found that differentiates Italy from many other countries is that it's still authentic in the sense that it has a continuum of linkage to its past. So people have a real sense of place, a sense of being there. There's also this great interplay of buildings that, if you were there one year and returned 20 years later, you'd have the sense that most of those places are still going to be there. And I think that's extremely important on the cultural side.

Carey: And antithetical to the U.S.

Sedovic: It is antithetical.

Mehaffy: I used to live in Los Angeles. I go back every five years or so, and each time it's like going back to a new city.

Sedovic: Shanghai is part of my critical list of places to visit because I'm afraid that by the time I get there I will not have had any experience of what Shanghai had been. It just seems to be changing so quickly.

Mehaffy: I think the Scandinavian countries, for example, have done a really good job of integrating sustainable practices relative to other parts of the world. And it's interesting that they've managed to integrate Modernism, including Minimalism and some of the Modernist principles, with a traditional pattern and with ecological principles and a strong natural aesthetic to make a very convivial, livable place. I think Stockholm is a good example of that.

Lykoudis: If you look at different parts of Europe, you get different pieces of the puzzle that need to be sort of rewoven together. Certainly France has minimized its dependency on fossil fuels to a large degree.

Sedovic: Germany as well.

Lykoudis: Maybe at the expense of other problems in the future, but nevertheless, at least for now that's one thing that Germany has been engaged in very carefully and very rigorously. Flying over Germany you see very little sprawl. You see

that the city cores are intact - well, as much as they were after the Second World War. You see the boundary of the city.

Mehaffy: The edges are very distinct.

Lykoudis: It can be done, even in the system that we have, which probably needs to change in terms of how we place value on things. The economic value has to change, because we have to go to a resource-based system.

Sedovic: Resource and conservation based. I think the Germans in particular are very good at that, as are the Scandinavians. I believe that something like 40 percent of Germany's electricity is produced by wind.

I remember from my own youth when we saw the future as something hopeful, but we now realize we've made some horrendous mistakes and if we want to have a future that's hopeful we've got to correct them.

-Mehaffy

Mehaffy: Take only pictures and leave only footprints, as they say.

**Sedovic:** Exactly. There's a whole group of people who get that inherently.

Lykoudis: As a practitioner, as a citizen, as an educator, you have some marvelous opportunities, and you just have to do the best you can. You're going to make some mistakes. We're all going to make mistakes, but in the end, we can help the world with the big picture, participating in the discussion to further the ideas that will help bring the world closer together in understanding, in a civil manner. And if you can impact on your local and regional communities, you'll find a marvelous life.

**Sedovic:** Well put. So are any of us running for office?

Mehaffy: I think if we can keep the people who are running for office aware of these issues, that might be better - teach the teachers kind of thing. And just to answer your question about what keeps me going, from my own point of view, it's just to sleep at night, to know that we're correcting some of our mistakes, learning from our mistakes, and getting back in some ways to the idealism of the early Modernists. I remember from my own youth when we saw the future as something hopeful, but we now realize we've made some horrendous mistakes and if we want to have a future that's hopeful we've got to correct them. TB

**Sedovic:** I'm not a huge fan of carbon trading.

**Mehaffy:** I think the market can play an important role in all this – it's just that it is a role in a larger civic and public process - a political process. And that's what I think is the success story in Germany and Scandinavia. When we were talking about Portland, I neglected to mention that the urban-growth boundary was an absolutely critical piece of that puzzle. It is now under assault there, especially by anti-government ideologues, because they did make some mistakes in how they handled it. But I think there's a proper place for a political unit deciding, democratically, that we are not going to build on the farmland and that we are not going to sprawl. There must be, otherwise we are going to have a tragedy of the commons, where we're gradually destroying our common resources in an unstoppable way. In Europe, where they are the worst is where they've copied us, I'm ashamed to say.

Carey: I think it gets back to what we were speaking about before, that you're going to have a resistance: "We're not European. You can't turn me into a European, I'm an American."

Mehaffy: On the other hand, you can overcome that. I mean, marketers do that sort of thing all the time. They change the perception of what is valuable and what is desirable. So far, the marketers themselves have been rewarded by creating the perception that large cars and big lots, freeways and the suburban lifestyle is the desirable lifestyle of the future. But that's because right now, the rules of the game reward them for that. If we change the rules of that game, suddenly the marketers are going to start saying, "Hey isn't it great to live in this delightful, convivial place, where you know your neighbor and you can take your child to the park?" It's already happening, that's why New Urbanist communities are selling so well. It's because people actually will find that appealing.

Sedovic: What does each of you expect to get by continuing to promote sustainability, or sustainable lifestyles? What do you see as the end result of your love and efforts?

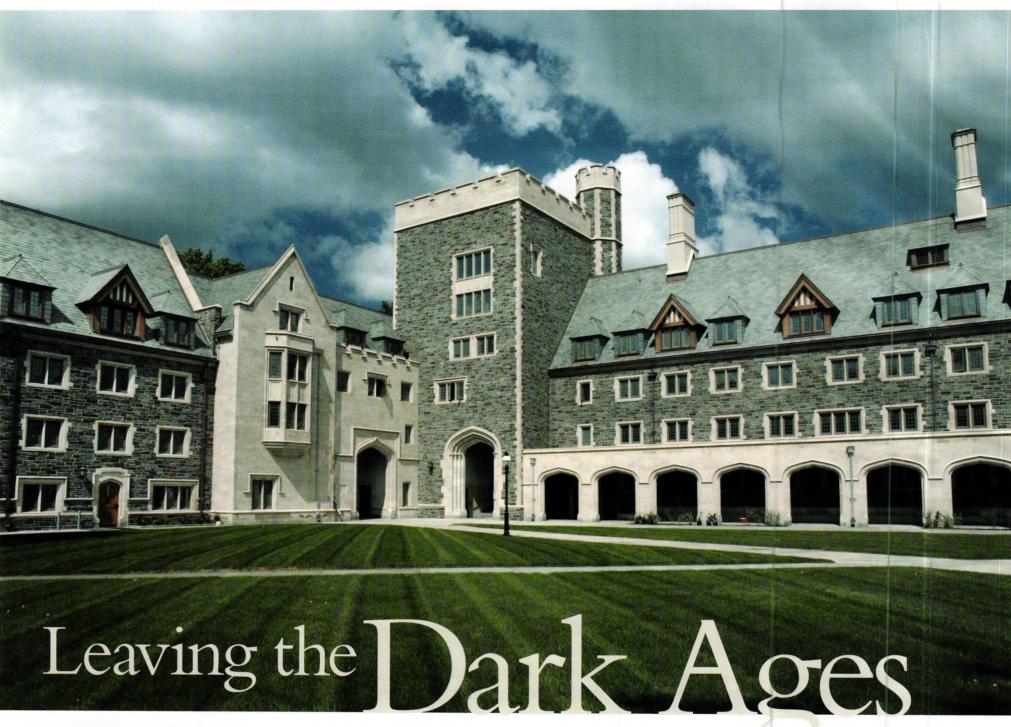
Lykoudis: We're probably not going to see the fruits of what we do, but we have to make sure that we leave this place a little bit better for our kids. I have this image of my children 80 years from now, and what kind of life they will have, and that's what drives me.

Sedovic: People who spend a lot of time outdoors have no problem with that concept - that you hike in and you hike out and hopefully it's a better place than when you arrived.

Mehaffy: Yes, they've got a very aggressive program. They also have remarkably innovative programs for retrofitting old buildings. There's a consortium of the city of Berlin, and they go to the building owner and say that not only will the retrofit not cost them anything, they're also going to use part of the savings to pay back some of the construction loans, with the rest of the savings going to the owner. From day one the owner gets more money, guaranteed. So what building owner in the world wouldn't say, "Yes absolutely, retrofit my building tomorrow"? They have a number of programs like that that we look at and think, well of course, why don't we do this?

Sedovic: Well because we take a completely different tack. I went to a presentation about three or four years ago and I couldn't believe what I was hearing. It was ostensibly to promote alternative forms of fuel, but that's not really what it was about. They were talking about wind energy and said, "It's great that we can build a windmill hill, but we have a better idea and this is what we want to sell you on. We have a derivative where you purchase the sky in front of that windmill and any wind that comes across it is your property and therefore you deserve to be compensated for it." Instead of looking at any of the fundamentals behind what the windmill was, they thought, "How can we extract a way to get more capitalism out of the process?"

Mehaffy: Well it's this atomization of society into profit-making modules. Carbon trading is another example.



Princeton's new Whitman College is a triumph and a vindication of traditional building.

#### Reviewed by Richard Sammons

LAST FALL, students at Princeton University began occupying the most progressive collection of buildings built by any American university in the last half century. The buildings carry none of the gimmicks of contemporary architecture. They are not in "green style," but are greener than many that are, and, at a construction cost of \$450 per square foot, they dash the myth that traditional projects are budget-busters. Defying current conventional logic, the project is testament to the intelligence of its designer and proves that the only progress in architecture is that which

is made through the pursuit of the good without qualifications.

PROJECT
Whitman College, Princeton
University, Princeton, NJ

#### **Architect**

Porphyrios Associates, London, U.K.; Dr. Demetri Porphyrios, principal

#### **Executive Architect**

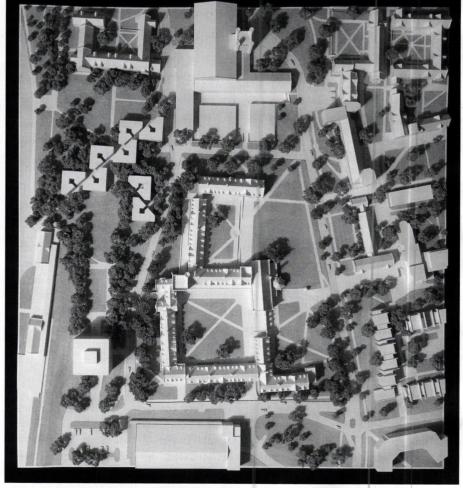
Einhorn Yaffee Prescott Architecture & Engineering P.C.

Five hundred students belong to Whitman College, Princeton's sixth residential college and the first new collection of buildings at the university to be designed in a traditional, not to mention Gothic, style since World War II. Designed by the noted English architect and Princeton alumnus Dr. Demetri Porphyrios, assisted by executive architect Einhorn Yaffee Prescott Architecture & Engineering P.C., Whitman College comprises some 265,000 sq. ft. in eight major buildings containing dormitories and their necessary support spaces: a library, the-

ater, college offices, seminar rooms, dining halls, a small auditorium and facilities for recreation and entertainment. The construction is of self-supporting field- and cutstone walls with a concrete superstructure, slate roofing and leaded casement windows, and is in the late-Gothic style favored by Princeton's most influential architect, Ralph Adams Cram.

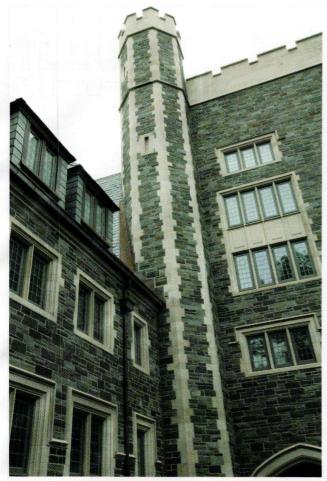
Ironically to some, its patron and namesake, Margaret Whitman, who donated an initial \$30 million to the project, is from the high-tech world, being the president and CEO of eBay. Ms. Whitman is very pleased with the buildings and, contrary to what William Mitchell, former dean of the School of Architecture and Planning at Massachusetts Institute of Technology, called "silly" and "stultifying," she says that Dr. Porphyrios designed exactly what she expected.

Whitman College represents a potential sea change in institutional architecture. That it has been built at all, let alone to such a high standard, may be its most important aspect. Over the last several decades, universities and colleges across the United States have been systematically committing suicide by destroying their

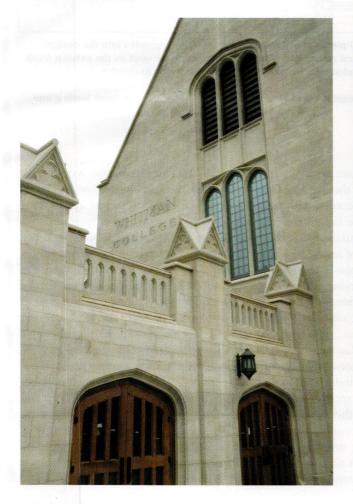


Above: The university's sixth residential college, Whitman College houses 500 students. It is composed of eight major buildings wrapping around three courtyards that are criss-crossed with bluestone walkways. In addition to the dormitories, the complex includes a library, theater, college offices, seminar rooms, dining halls, a small auditorium and recreation facilities. Model: courtesy of Porphyrios Associates

Top: Designed by Demetri Porphyrios and built using traditional construction methods, Princeton's 265,000-sq.ft. Whitman College opened its doors to students in the fall of 2007. All photos: Denise Applewhite



North Hall is to the left of the 100-ft.-tall Murley-Pivirotto Family Tower, which is made of fieldstone and capped with a limestone crenelation.





Above: The view from the terraced North Court shows Fisher Hall to the right and North Hall, the largest building in the college, to the left. More than 175,000 pieces of fieldstone (6,000 tons of stone) from quarries in Alcove, NY, and Susquehanna, PA, were used in Whitman College.

Left: Community Hall houses the main dining facilities for the college and is one of two limestone buildings in the complex. The limestone walls set it apart from the fieldstone of the dormitories.

built environments. Whether they are employing star architects to build signature projects or employing campus-architecture specialists, the general trend is toward discord and devolution of a collective vision. Ivy League schools, particularly those with architecture programs, have been more self-destructive than most and have been cluttered with examples of the "current thinking" from that week's fashionable architect. Whitman College will stand as an exemplar for the future and as indictment of the recent past.

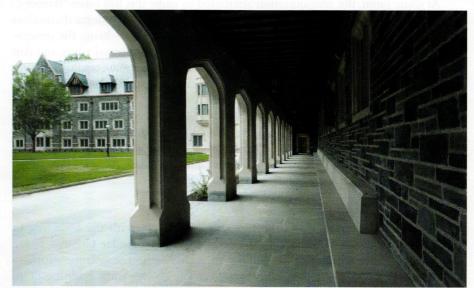
#### The Urban Intent

At the beginning of the 20th century, bankrolled by the industrial wealth of the previous century, a great number of schools set about "re-imaging" themselves with a consistent architectural theme. "Group Planning," with buildings sharing the same architectural style and massing forming positive urbanistic relationships, was the direction forward. Any new building would contribute to the greater vision and thus the total would add up to more than the sum of its parts. The sense of a college community was fostered by this architectural cohesiveness that made clear what was intramural versus extramural.

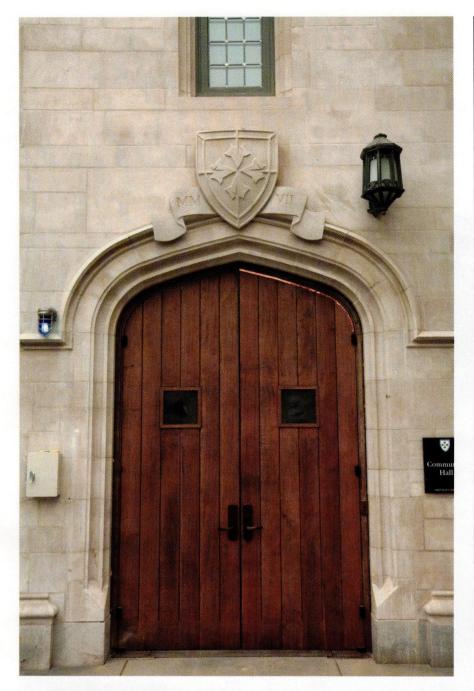
The plans at Yale and Princeton were among the most ambitious. They both chose the Gothic of Oxford and Cambridge, though Yale's urban context and Princeton's more open site led to different planning directions. Whereas Yale could lift the enclosed quadrangles of urban Oxbridge colleges and plug them into New Haven's urban grid, Princeton quadrangles, as Dr. Porphyrios points out, are left open on one or two sides. These open quadrangles give Princeton Gothic a very different character than that of Oxbridge and give it a more "American" feel. Though they do not enclose their own courtyards; they open to each other with

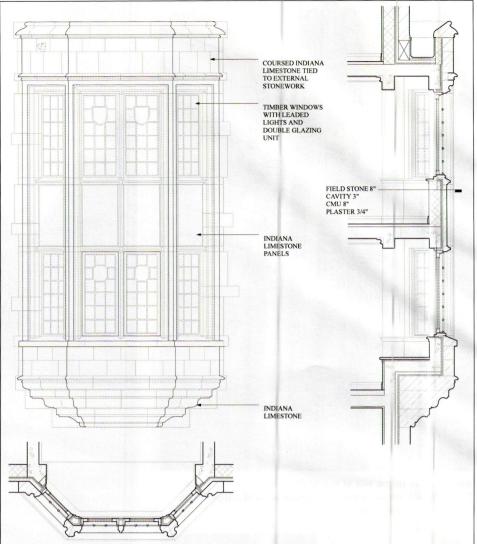
the solid side forming an implied college wall around the total group. These courtyards are interlinked with pathways and reciprocal views in a picturesque manner.

Dr. Porphyrios' plan of Whitman College respects this existing arrangement. The plan has three courtyards opening towards the middle of the campus. The



The arcade along the walkway of North Hall is known as Wright Cloister. It was named in honor of Thomas Wright, a 1962 Princeton alumnus who retired as vice president and secretary in 2004 after more than 30 years of service to the university.





Above: Approximately 38,000 pieces of Indiana limestone were incorporated into the design. Some were used as trim around arches and windows, and others were used as the exterior finish on Community Hall and Hargadon Hall. Diagram: courtesy of Porphyrios Associates

Left: The Whitman College shield is carved into the limestone above the oak doors leading into Community Hall.

closed side continues the implied wall of the 1920s Gothic to the west, again reinforcing intramural versus extramural. The buildings forming these courts are deliberately expressed as separate units, avoiding the sense of a mega-structure. The massing was conceived of perspectively, as a cityscape would be. The natural grade slopes to the south but a pre-existing cut in the grade (to provide a level area for tennis courts) was retained to serve as a "moat" against the outside wall. The entry points through this wall are celebrated by a tower and a porter's lodge, the former reached by a ramp parallel to the wall along the moat, and the latter reached perpendicularly with a bridge spanning the moat. That bridge leads to the train station, which services a spur line affectionately called the "Dinky." Travelling by train, this would be the first entry to the campus a visitor would encounter.

These two entries lead into the south courtyard, which is the central and most enclosed of the three, and where the primary public program of the college is housed, including the library (an IT collection with few books) and the Community Hall. The north edge of this court has an arcade providing covered passage to the Great Hall. As this would be warmed by the low winter sun, stone benches are provided. The north courtyard is 14 ft. higher in grade and is residential in character, mediating between the domestic scale of much of Princeton's existing Gothic quadrangles and Whitman's decidedly larger buildings. The change in grade is negotiated by stairs under a second tower along the Community Hall.

The Community Hall itself straddles the grade change between the South and East courts. One enters at the upper level, providing a vantage point to survey the lofty room and timber ceiling. An appropriately monumental fireplace sits at the midpoint of the opposite wall. Two private dining halls, one in the form of an octagonal tower of a chapter house, are situated beyond the chimney stack.

At some point, the administration attempted to make this hall more "friendly," thinking the students would find the room intimidating. The students themselves protested, saying they were perfectly at ease with the concept – being the generation weaned on Harry Potter novels. Unfortunately, the communal tables and dais of Oxbridge dining halls, originally designed by Porphyrios, were not adopted, making what could be the most enjoyable and civilizing aspects of college life a mundane food-court experience.

The majority of the building program is comprised of residence halls, with student rooms located off central, double-loaded corridors. The rooms are pleasant and well lit and some have oriel bays. The popularity of these rooms has led the university to increase the sizes of rooms in another "modern style" dormitory under construction in order to compete with Whitman.

#### The Use of the Gothic

The Collegiate Gothic style in the U.S. started in 1824 with the founding of Kenyon College in Gambier, OH. The local Bishop, Philander Chase, secured the backing of two English lords seeking to rekindle the transatlantic brother-hood of Anglicans after the revolution of 1812. The college's first building, "Old Kenyon," intentionally evoked a connection to the Gothic of Oxford with which its backers were associated – and the books in its library were donated by various Oxford colleges.

This re-connection with the ecclesiastical Oxbridge tradition would have been an anathema to the likes of Thomas Jefferson, but was wholly embraced by the end of the 19th century, with colleges across the country happily abandoning the architecture of the Enlightenment and donning monastic robes instead.

Many have commented that the adoption of the Oxbridge Gothic style can also be seen, in light of increased immigration from Eastern and Southern Europe, as a buttressing of Anglo-Saxon identity at these elite institutions. But whatever the subtext, the idiom produced a lot of great architecture and the intent was that of fostering intellectual freedom. Even today, the donor, Ms. Whitman, was quoted in the *New York Times*: "Collegiate Gothic set an ambience for learning that had a very positive impact on me." Elizabeth Plater-Zyberk, a trustee, added that the style reminds the student that they are a "part of a long tradition of intellectual life."

Though the trustees of Princeton have not been known as supporters of traditional architecture (indeed a new library by Frank Gehry, though much delayed, is being built concurrently with Whitman), a new Gothic college at Whitman, given its context and the tradition of the university, was seen to be a most positive addition. There was a concern that the Gothic core, and in essence the identity of Princeton, was being smothered by the proliferation of modern buildings. The trustees decided that it was time to reinforce this core identity and wanted the new college to speak the same language as that of Cram.

#### **Hybrid Construction**

The choice of Dr. Porphyrios as architect, out of an initial 16 firms, was particularly fortunate to the project. He has been the undisputed intellectual voice of the revival of Classical architecture. His Gothic projects for Magdalen College (1994) at Oxford and Selwyn College (1996) at Cambridge gave him unique qualifications. Princeton's trustees recognized that Classical architects, though still a small minority, offer a strong alternative choice for institutions. Harvard, Rice and the universities of Virginia and Delaware have all recently built projects in traditional styles, but none are as ambitious as Whitman College. Mark Burstein, executive vice president of the university, says of Porphyrios: "He has a very well developed sense of building in context, mediating between existing conditions in a very sophisticated way. He has significantly enhanced Princeton's physical experience."

Dr. Porphyrios has been the champion of rational tectonics and sensuous yet honest use of materials, the hallmarks of traditional architecture everywhere. His career has been based on how these ideas can co-exist within the contingencies of modern construction.

Rather than succumb to the peel-and-stick use of materials that has unfortunately become common in "Traditional Style" construction, Porphyrios developed a hybrid type. In current practice, the acceleration of the schedule of a job has taken priority over the logical sequence of traditional construction. Simply put, the emphasis is on getting the project to a point where it can be dried in so that the internal work can carry on without potential delay due to weather.

At Whitman, the internal concrete structure supports the floors and roof, allowing for the internal work to progress while the masons worked on a completely independent exterior wall – or, as Dr. Porphyrios puts it, "a fast-track structure and



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This high thermal mass is also the first step in sustainable design. This type of robust construction doesn't destroy itself over time with thermal movement. Not only does the mass dampen the swing in internal temperature (think of the coolness of an Italian church in August), but it also contributes to the longevity of the structure. The most sustainable building is the one that lasts the longest given the embodied energy and the initial energy use during construction, which is conservatively at least 30 times the annual energy use during the building's lifetime.

This does not include the negative externalities such as the huge amount of pollution and carbon generated in the making of materials such as steel, glass and plastics. The acquisition of fieldstone that harmonized with the existing buildings on campus was the greatest and most unexpected challenge. The original quarries were played out, so a mix of bluestone was chosen. Given the vast amount required, 6,000 tons in all, the stone was sourced from two quarries, Endless Mountain in Susquehanna, PA, and New York Quarries in Alcove, NY. The stone was delivered to a yard off site and mixed and palletized to speed the mason's work. The masonry subcontractor for this Sisyphean task was Dan Lepore & Sons of Conshohocken, PA. It took a little while before the 52 masons were in sync with one another, and, in the end, one in three could not make the cut. However, they made increasingly quick progress and clearly take pride in a project that will outlive their grandchildren. The walls are laid in a three-handed, random-range pattern with the masons rotating positions regularly to mix away the telltale personalities of individual hands.

In comparison with the fieldstone, the Indiana Limestone cut-stone work was problem free. The Bybee Stone Co., a venerable firm based in Bloomington, IN, has been doing work of the highest level for generations. The arcades, oriel windows, archways, cornices, stringcourses, labels, hood-molds and window surrounds, as well as the ashlar at the Porter Lodge and Community Hall, were all under their umbrella. In addition, the company executed a fair amount of carving as well as dimensional work.

In order to reduce the monotony, the moldings and window surrounds were carefully varied, the latter in a number of randomly placed patterns of jamb stones. One annoyance to Dr. Porphyrios is the unnecessary thickness of American mortar joints in the cut-stone work,  $\frac{3}{8}$  in., versus the English tolerance of  $\frac{1}{8}$  in. Although there is some carving in the initial construction, there is ample room for further additions. Future donors will sponsor additional carving or even memorial plaques, allowing for the natural encrustations of history, typical of this type of institution. A sundial by British carver David Harber has already been installed.

Pennsylvania is well represented in the construction process. In addition to the masons, the window manufacturer and the light-fixture manufacturer hail from there. The windows, by Bridgeport, PA-based Seaquay Architectural Millwork, are typically custom wood casements, triple-glazed, with the leaded panel on the outside. The Klemm Reflector Company, a six-person firm in Philadelphia, produced the multitude of Gothic style bronze sconces and lanterns required.

The current practice of modern construction is only incrementally faster than traditional construction practice and, given time, reveals its inferiority. "Improvement" in construction practices in America has meant cheaper and faster, but rarely better. It's heartening that institutions like Princeton can take a broader view and understand the virtue of the robust technology exhibited by traditional practice.

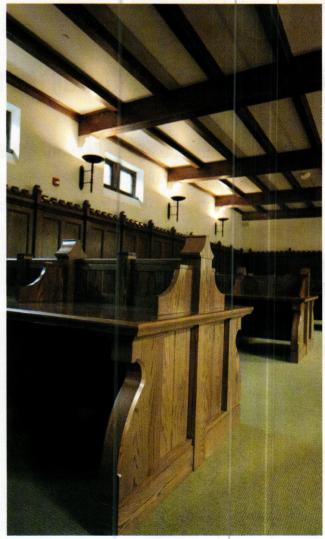
As with any construction project, the Fates conspire, but Dr. Porphyrios' unquestionable intellectual and moral fortitude could not be eroded. American architects owe him a great debt for showing that building with integrity, intelligence and permanence can still be achieved today. As John Ziegler, the university's project manager, says, "It's a testimony to Demetri that so many people poured their hearts and souls into this project and that they so closely achieved his vision." TB

Richard Sammons is a principal at New York, NY- and Palm Beach, FL-based Fairfax & Sammons Architects and an instructor at the Institute of Classical Architecture & Classical America. He was a student of Dr. Porphyrios at the University of Virginia.





This detail of the stonework on North Hall features a carving of two tigers.



Above: The reading desks in the library were designed by Porphyrios Associates to coordinate with the style of the buildings.

Left: An ornate wood screen topped with finials, 8-ft. oak panels and a 35-ft. vaulted ceiling provide a impressive atmosphere in the main dining room in Community Hall.





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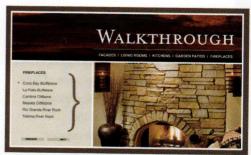
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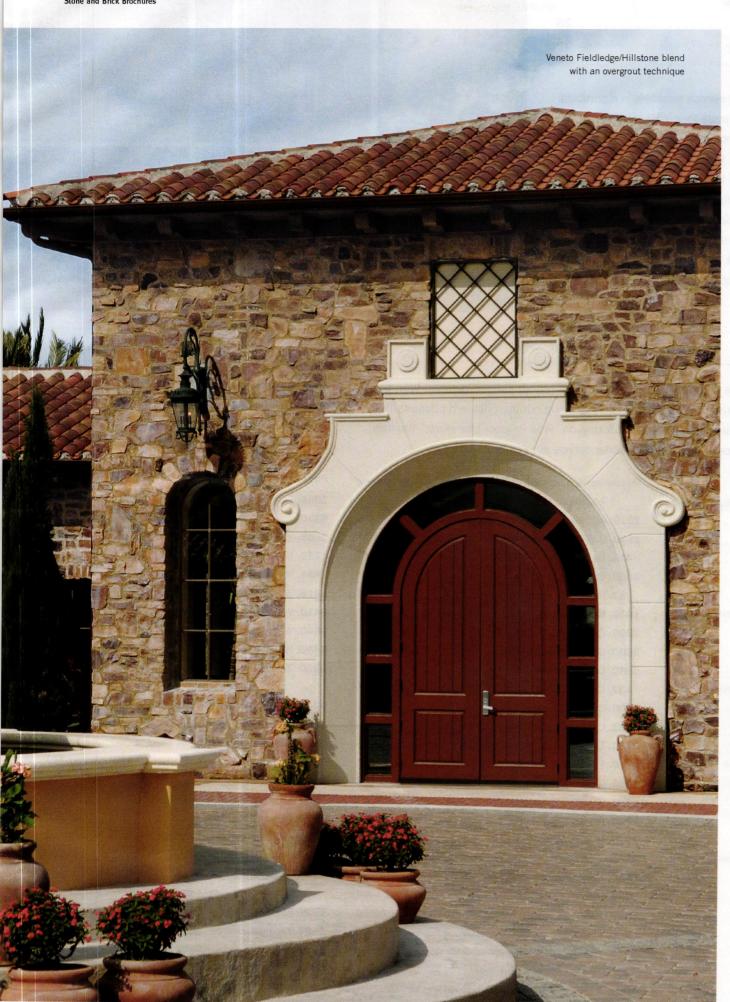
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#### **Advertiser Index**

9722 Artwork, Art Glass & Furnishings

This index lists the page number for the company's ad as well as the reader service number. With the latter number you can order product literature from the company by filling out the postcard opposite this page or by going online to www.traditional-building.com and clicking on "Free Product Literature." You may order product literature for an entire Sourcelist by using the reader service number at its heading.

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#### **Art Glass Supplies**

Glass Source Michael Davis Stained Glass

#### **Art Glass, Antique Original**

Aurora Mills Architectural Salvage Bovard Studio, Inc. Conrad Schmitt Studios, Inc. Michael Davis Stained Glass Neumann Studios Reflection Studios Willet Hauser Architectural Glass

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Judson Studios
Lehmann Glass Studio
Michael Davis Stained Glass
Neumann Studios
Reflection Studios
Rohlf's Stained & Leaded Glass Studio
Willet Hauser Architectural Glass
Williams Stained Glass

#### Art Glass, Cut/Engraved

Bovard Studio, Inc.
Judson Studios
Michael Davis Stained Glass
Neumann Studios

#### **Art Glass, Etched**

Bovard Studio, Inc.
Conrad Schmitt Studios, Inc.
Glass Source
Judson Studios
Lehmann Glass Studio
Michael Davis Stained Glass
Neumann Studios
Reflection Studios
Rohlf's Stained & Leaded Glass Studio
Willet Hauser Architectural Glass
Williams Stained Glass

#### Art Glass, Leaded

Bovard Studio, Inc.
Eve Guinan Design
Glass Source
Judson Studios
Lamb Studios, Inc., J&R
Michael Davis Stained Glass
Neumann Studios
Reflection Studios
Rohlf's Stained & Leaded Glass Studio
Serpentino Stained & Leaded Glass
Willet Hauser Architectural Glass
Williams Stained Glass

#### Art Glass, Stained & Painted

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Conrad Schmitt Studios, Inc.
Eve Guinan Design
EverGreene Painting Studios, Inc.
Glass Source
Judson Studios
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Michael Davis Stained Glass
Neumann Studios
Rambusch Decorating Co.
Reflection Studios
Rohlf's Stained & Leaded Glass Studio
Serpentino Stained & Leaded Glass
Willet Hauser Architectural Glass
Williams Stained Glass

#### **Furniture Hardware**

Architectural Products by Outwater, LLC Brusso Inc.
Craftsmen Hardware Co.
E.R. Butler & Co.
House of Antique Hardware
Maguire Iron Corp.

#### **Furniture, Custom**

European Iron Works Florentine Craftsmen, Inc. Gaby's Shoppe Khechoyan's Carvings & Tools, LLC Rambusch Decorating Co. Scottsdale Art Factory

#### **Furniture, Standard Designs**

Florentine Craftsmen, Inc. Gaby's Shoppe Scottsdale Art Factory

#### **Mosaic Conservation**

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Canning Studios
Conrad Schmitt Studios, Inc.
EverGreene Painting Studios, Inc.
Fishman Mosaics
Judson Studios
Rambusch Decorating Co.
Willet Hauser Architectural Glass

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Bovard Studio, Inc.
Canning Studios
Conrad Schmitt Studios, Inc.
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Willet Hauser Architectural Glass

Murals, Exterior
Canning Studios
Designs in Tile
EverGreene Painting Studios, Inc.

Warner Bros. Studio Facilities

#### Murals, Interior

Fishman Mosaics

Canning Studios
Conrad Schmitt Studios, Inc.
Designs in Tile
EverGreene Painting Studios, Inc.
Fishman Mosaics
Lynne Rutter Murals & Decorative
Painting
No 9 Studio UK
Peck Studios
Rambusch Decorating Co.
Warner Bros. Studio Facilities

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#### Sculpture, Custom

A-Art/B. Rasmussen, Ltd. Art Casting of Illinois, Inc. Art Design Group Authentic Provence, Inc. Conrad Schmitt Studios, Inc. De Groot Historical Restoration, Inc. **DMS Studios** Florentine Craftsmen, Inc. Gerald Siciliano Studio Design Associates Jon Hair Studio of Fine Art LLC Modern Art Foundry Rambusch Decorating Co. Rosetta Studio Saint-Jacques Artisans Workshops The Sculpture Foundation Traditional Cut Stone, Ltd.

#### Sculpture, Custom Casting

Art Casting of Illinois, Inc.
Art Design Group
Florentine Craftsmen, Inc.
Gerald Siciliano Studio Design Associates
Jon Hair Studio of Fine Art LLC
Modern Art Foundry
O.K. Foundry Co., Inc.

#### Sculpture, Garden

Architectural Pottery
Authentic Provence, Inc.
Boston Valley Terra Cotta
DMS Studios
Florentine Craftsmen, Inc.
Gerald Siciliano Studio Design Associates
Goodwin International
Haddonstone (USA), Ltd.
Jon Hair Studio of Fine Art LLC
Kenneth Lynch & Sons, Inc.
Rosetta Studio
The Sculpture Foundation
Traditional Cut Stone, Ltd.
Tuscan Imports

#### **Sculpture, Standard Designs**

DMS Studios
Gerald Siciliano Studio Design Associates
Haddonstone (USA), Ltd.
Jon Hair Studio of Fine Art LLC
Rosetta Studio
The Sculpture Foundation

#### **Window Treatments**

Decorative Hardware Studio Van Dyke's Restorers

### Columns & Capitals

#### Capitals, Antique Original

Aurora Mills Architectural Salvage Eagle Creek Designs, Inc. Pinch of the Past Saint-Jacques Artisans Workshops

#### Capitals, Carved Stone

Architectural Stone Masonry
Cantera Especial
Canterland of Mexico
DMS Studios
Dreamcatcher Imports, Inc.
Gerald Siciliano Studio Design Associates
Saint-Jacques Artisans Workshops
Stone Decora

#### **Capitals, Carved Wood**

1.800.COLUMNS
Agrell Architectural Carving Ltd.
Architectural Products by Outwater, LLC
Chadsworth Columns
Columns.com
Cumberland Woodcraft Co.
Goodwin Associates
Khechoyan's Carvings & Tools, LLC
Michael A. Dow - Woodcarver
Saint-Jacques Artisans Workshops
White River Hardwoods-Woodworks
Wilbur, Frederick - Woodcarver
Woodline Co.

#### Capitals, Cast Metal

Architectural Iron Co.

DeAngelis Iron Work, Inc.

Dreamcatcher Imports, Inc.

Historical Arts & Casting, Inc.

Michigan Ornamental Metals

Saint-Jacques Artisans Workshops

Steptoe & Wife Antiques Ltd.

Wiemann Ironworks

#### **Capitals, Cast Stone**

A&M Victorian Decorations, Inc.
Architectural Reproductions by Timeless
Columns.com
Dreamcatcher Imports, Inc.
Haddonstone (USA), Ltd.
Pacific Columns

#### **Capitals, Fabricated Metal**

Architectural Iron Co.
Architectural Products by Outwater, LLC
DeAngelis Iron Work, Inc.
Dreamcatcher Imports, Inc.
Michigan Ornamental Metals
Steptoe & Wife Antiques Ltd.

#### Capitals, Fiberglass

Architectural Detail Corp.
Architectural Fiberglass Corp.
Architectural Reproductions by Timeless Columns.com
Dreamcatcher Imports, Inc.
Fiberglass Specialties, Inc.
Goodwin Associates
Manor Style, Inc.
Pagliacco Turning & Milling
Warner Bros. Studio Facilities

#### Capitals, Gypsum

Goodwin Associates

#### Capitals, Plaster

A&M Victorian Decorations, Inc.
Aristone Designs, Inc.
Columns.com
Decorators Supply Corp.
Goodwin Associates
Pagliacco Turning & Milling
Warner Bros. Studio Facilities

#### Capitals, Polymer

Architectural Fiberglass Corp.
Architectural Products by Outwater, LLC
Architectural Reproductions by Timeless
Aristone Designs, Inc.
Columns.com
Goodwin Associates
Manor Style, Inc.
Pagliacco Turning & Milling

#### Capitals, Polymer-Modified Gypsum

Columns.com

#### Capitals, Polymer/Stone

Architectural Reproductions by Timeless Chadsworth Columns Columns.com Dreamcatcher Imports, Inc. Manor Style, Inc.

#### Columns, Antique Original

Eagle Creek Designs, Inc. Pinch of the Past

#### Columns, Cast Metal

Agrell Architectural Carving Ltd.
Architectural Iron Co.
Campbellsville Industries, Inc.
DeAngelis Iron Work, Inc.
Dreamcatcher Imports, Inc.
Historical Arts & Casting, Inc.
Michigan Ornamental Metals
Robinson Iron Corp.
Saint-Jacques Artisans Workshops
Steptoe & Wife Antiques Ltd.
Wiemann Ironworks

#### **Columns, Cast Stone**

A&M Victorian Decorations, Inc.
Architectural Pottery
Cantera Especial
Canterland of Mexico
Dreamcatcher Imports, Inc.
Florentine Craftsmen, Inc.
Haddonstone (USA), Ltd.
Pacific Columns
Stone Decora
Towne House Restorations

#### Columns, Exterior

1.800.COLUMNS A&M Victorian Decorations, Inc. Architectural Detail Corp. Architectural Fiberglass Corp. Architectural Products by Outwater, LLC Architectural Reproductions by Timeless Architectural Stone Masonry Boston Valley Terra Cotta Campbellsville Industries, Inc. Chadsworth Columns Columns.com Dreamcatcher Imports, Inc. Goodwin Associates Manor Style, Inc. Michigan Ornamental Metals Pagliacco Turning & Milling

#### Columns, Fabricated Metal

Architectural Iron Co.
Architectural Products by Outwater, LLC
DeAngelis Iron Work, Inc.
Dreamcatcher Imports, Inc.
Michigan Ornamental Metals
Steptoe & Wife Antiques Ltd.

#### Columns, Fiberglass

1.800.COLUMNS
Architectural Detail Corp.
Architectural Fiberglass Corp.
Architectural Products by Outwater, LLC
Architectural Reproductions by Timeless
Campbellsville Industries, Inc.
Columns.com

Dreamcatcher Imports, Inc.
Fiberglass Specialties, Inc.
Goodwin Associates
Manor Style, Inc.
Pagliacco Turning & Milling
Seal Reinforced Fiberglass, Inc.
Warner Bros. Studio Facilities

#### **Columns, Interior**

1.800.COLUMNS

A&M Victorian Decorations, Inc.

Architectural Detail Corp.

Architectural Products by Outwater, LLC

Architectural Reproductions by Timeless

Chadsworth Columns

Columns.com

Goodwin Associates

Manor Style, Inc.

MWT Custom Wood Working, LLC

Pagliacco Turning & Milling

#### Columns, Plaster

1.800.COLUMNS A&M Victorian Decorations, Inc. Decorators Supply Corp. Warner Bros. Studio Facilities

#### Columns, Polymer

1.800.COLUMNS
Architectural Products by Outwater, LLC
Architectural Reproductions by Timeless
Columns.com
Flex Moulding, Inc.
Goodwin Associates
Manor Style, Inc.
Pacific Columns

#### Columns, Polymer-Modified Gypsum

Warner Bros. Studio Facilities

#### Columns, Polymer/Stone

1.800.COLUMNS
Chadsworth Columns
Columns.com
Goodwin Associates
Manor Style, Inc.
Towne House Restorations

#### Columns, Solid Wood

Architectural Reproductions by Timeless Campbellsville Industries, Inc. Carlson's Barnwood Co. Goodwin Associates MWT Custom Wood Working, LLC Pagliacco Turning & Milling Saint-Jacques Artisans Workshops Woodline Co.

#### **Columns, Turned Stone**

Cantera Especial
Canterland of Mexico
DMS Studios
Saint-Jacques Artisans Workshops
Stone Decora
Traditional Cut Stone, Ltd.

#### Columns, Wood Stavework

1.800.COLUMNS
Architectural Reproductions by Timeless
Chadsworth Columns
Columns.com
Fagan Design & Fabrication, Inc.
Goodwin Associates
Pagliacco Turning & Milling

## Conservatories & Outbuildings

#### **Barns**

See Section 18

#### **Bridges**

See Section 9

#### **Conservatories, Custom**

Classy Glass Structures
Glass House, LLC
Oak Leaf Conservatories of York
Renaissance Conservatories
Saint-Jacques Artisans Workshops
Solar Innovations, Inc.
Tanglewood Conservatories
Town & Country Conservatories
Under Glass Mfg. Corp.

#### **Conservatories, Standard Designs**

Dalton Pavilions, Inc.
Glass House, LLC
Renaissance Conservatories
Solar Innovations, Inc.
Tanglewood Conservatories
Under Glass Mfg. Corp.

#### Follies

Haddonstone (USA), Ltd.

#### **Garden Houses**

Classy Glass Structures
Country Carpenters, Inc.
Dalton Pavilions, Inc.
Oak Leaf Conservatories of York
Renaissance Conservatories
Tanglewood Conservatories
Town & Country Conservatories

#### **Gazebos, Custom**

Authentic Provence, Inc.
Columbia Equipment Co., Inc.
Cumberland Woodcraft Co.
Dreamcatcher Imports, Inc.
Fiberglass Specialties, Inc.
Florentine Craftsmen, Inc.
Historical Arts & Casting, Inc.
Poligon Div., W.H. Porter
Robinson Iron Corp.
Saint-Jacques Artisans Workshops
Steptoe & Wife Antiques Ltd.
Tanglewood Conservatories
Wiemann Ironworks

#### **Gazebos, Standard Designs**

A&M Victorian Decorations, Inc.
Cumberland Woodcraft Co.
Dalton Pavilions, Inc.
Dreamcatcher Imports, Inc.
Florentine Craftsmen, Inc.
Poligon Div., W.H. Porter
Tanglewood Conservatories

#### **Greenhouses, Custom**

Classy Glass Structures
Extrutech Plastics, Inc.
Glass House, LLC
Oak Leaf Conservatories of York
Renaissance Conservatories
Solar Innovations, Inc.
Tanglewood Conservatories
Town & Country Conservatories
Under Glass Mfg. Corp.

#### **Greenhouses, Standard Designs**

Dalton Pavilions, Inc.
Glass House, LLC
Renaissance Conservatories
Solar Innovations, Inc.
Tanglewood Conservatories
Under Glass Mfg. Corp.

#### **Orangeries**

Classy Glass Structures
Dalton Pavilions, Inc.
Oak Leaf Conservatories of York

#### **Pavilions**

Dalton Pavilions, Inc.
Historical Arts & Casting, Inc.
Poligon Div., W.H. Porter
Tanglewood Conservatories
Town & Country Conservatories

#### **Pergolas**

See Section 9

#### **Pool Houses**

Classy Glass Structures
Country Carpenters, Inc.
Oak Leaf Conservatories of York
Renaissance Conservatories
Solar Innovations, Inc.
Tanglewood Conservatories
Town & Country Conservatories

#### Salvaged Buildings

See Section 16

#### **Sunrooms**

See Conservatories



#### Doors, Windows, Shutters & Hardware

#### **Barn Door Hardware**

Acorn Forged Iron
Ball & Ball Hardware
Carlson's Barnwood Co.
Eagle Creek Designs, Inc.
Fagan's Forge
James Peters & Son, Inc.
Kayne & Son Custom Hardware, Inc.
Richards-Wilcox, Inc.
Wm. J. Rigby Co.

#### **Cabinet Hardware**

Acorn Forged Iron Al Bar-Wilmette Platers Architectural Products by Outwater, LLC Architectural Resource Center Ball & Ball Hardware Bathroom Machineries, DEA Brusso Inc. Craftsmen Hardware Co. Crown City Hardware Co. Decorative Hardware Studio E.R. Butler & Co. Fagan's Forge Guerin, P.E. Maguire Iron Corp. Notting Hill Decorative Hardware Rejuvenation Signature Hardware

#### Door Hardware, Antique Original

Van Dyke's Restorers

Al Bar-Wilmette Platers Architectural Heritage, Inc. Aurora Mills Architectural Salvage Authentic Provence, Inc. Ball & Ball Hardware **Baltica** Brandt, Sylvan Carlson's Barnwood Co. Decorative Hardware Studio Eagle Creek Designs, Inc. House of Antique Hardware Kayne & Son Custom Hardware, Inc. Pinch of the Past Rejuvenation Richards-Wilcox, Inc. Wm. J. Rigby Co.

#### Door Hardware, Brass & Bronze

Al Bar-Wilmette Platers Architectural Products by Outwater, LLC Architectural Resource Center Authentic Provence, Inc.

Ball & Ball Hardware **Baltica** Bathroom Machineries, DEA Craftsmen Hardware Co. Crown City Hardware Co. Custom Trades International, Inc. **Decorative Hardware Studio** E.R. Butler & Co. Guerin, P.E. Historical Arts & Casting, Inc. House of Antique Hardware Kayne & Son Custom Hardware, Inc. Maguire Iron Corp. Rejuvenation Signature Hardware Strybuc Industries The Nanz Company Van Dyke's Restorers Von Morris Corp. Wiemann Ironworks

#### Door Hardware, Cast Iron

Wm. J. Rigby Co.

Acorn Forged Iron Al Bar-Wilmette Platers Architectural Resource Center Ball & Ball Hardware Bathroom Machineries, DEA Brandt, Sylvan Crown City Hardware Co. E.R. Butler & Co. Guerin, P.E. Historical Arts & Casting, Inc. House of Antique Hardware Maguire Iron Corp. Signature Hardware Strybuc Industries The Nanz Company Von Morris Corp. Wm. J. Rigby Co. Wright Co., John

#### Door Hardware, Custom

Al Bar-Wilmette Platers
Ball & Ball Hardware
Baltica
Craftsmen Hardware Co.
Decorative Hardware Studio
Fagan's Forge
Kayne & Son Custom Hardware, Inc.
Maguire Iron Corp.
Richards-Wilcox, Inc.
Wiemann Ironworks

#### Door Hardware, Glass

Al Bar-Wilmette Platers
Architectural Products by Outwater, LLC
Ball & Ball Hardware
House of Antique Hardware
Rejuvenation
The Nanz Company
Wm. J. Rigby Co.

#### Door Hardware, Nickel

Al Bar-Wilmette Platers
Ball & Ball Hardware
Baltica
Crown City Hardware Co.
Decorative Hardware Studio
E.R. Butler & Co.
Guerin, P.E.
House of Antique Hardware
Rejuvenation
Signature Hardware
Strybuc Industries
The Nanz Company
Wm. J. Rigby Co.

#### Door Hardware, Porcelain

Al Bar-Wilmette Platers Ball & Ball Hardware Bathroom Machineries, DEA Brandt, Sylvan Crown City Hardware Co.
E.R. Butler & Co.
Guerin, P.E.
House of Antique Hardware
Rejuvenation
Signature Hardware
The Nanz Company
Wm. J. Rigby Co.

#### Door Hardware, Reproduction Services

Acorn Forged Iron
Al Bar-Wilmette Platers
Architectural Resource Center
Ball & Ball Hardware
Craftsmen Hardware Co.
Crown City Hardware Co.
Decorative Hardware Studio
E.R. Butler & Co.
Fagan's Forge
Guerin, P.E.
Kayne & Son Custom Hardware, Inc.
Richards-Wilcox, Inc.
Strybuc Industries
The Nanz Company
Wright Co., John

#### Door Hardware, Standard Designs

Al Bar-Wilmette Platers
Architectural Products by Outwater, LLC
Ball & Ball Hardware
Bathroom Machineries, DEA
Decorative Hardware Studio
Kayne & Son Custom Hardware, Inc.
Richards-Wilcox, Inc.
Van Dyke's Restorers

#### Door Hardware, Wrought Iron

Acorn Forged Iron

Al Bar-Wilmette Platers Ball & Ball Hardware Crown City Hardware Co. D.J.A. Imports, Ltd. E.R. Butler & Co. European Iron Works Fagan's Forge Guerin, P.E. House of Antique Hardware Kayne & Son Custom Hardware, Inc. Maguire Iron Corp. Richards-Wilcox, Inc. Scottsdale Art Factory Signature Hardware Strybuc Industries The Nanz Company Wm. J. Rigby Co.

#### Entryways, Metal

European Iron Works Historical Arts & Casting, Inc. Wiemann Ironworks

#### Entryways, Wood

Architectural Components, Inc.
Architectural Products by Outwater, LLC
Bergerson Cedar Windows, Inc.
Bovard Studio, Inc.
Grabill Windows & Doors
Hahn's Woodworking Co., Inc.
Historic Doors
Jim Illingworth Millwork, LLC
Kingsland Co. Doors
Maurer & Shepherd, Joyners
Moulding Associates, Inc. (MAi)
Scottsdale Art Factory
Tidewater Millwork
Woodstone Co., The
Zeluck Doors & Windows

#### **Furniture Hardware**

See Section 1

#### Garage Doors, Out-Swing

Hahn's Woodworking Co., Inc.

James Peters & Son, Inc. Jim Illingworth Millwork, LLC Woodstone Co., The Wright Co., John Zeluck Doors & Windows

#### **Garage Doors, Sectional**

Hahn's Woodworking Co., Inc. Jim Illingworth Millwork, LLC Woodstone Co., The Zeluck Doors & Windows

#### **Garage Doors, Sliding**

Hahn's Woodworking Co., Inc. Woodstone Co., The Zeluck Doors & Windows

#### **Gate Hardware**

See Section 9

#### Glass, Architectural

Circle Redmont, Inc. Lehmann Glass Studio Michael Davis Stained Glass Neumann Studios Williams Stained Glass

#### Glass, Art

See Art Glass in Section 1

#### Glass, Bull's Eye

Circle Redmont, Inc. Michael Davis Stained Glass Neumann Studios Williams Stained Glass

#### Glass, Clear

Circle Redmont, Inc. Michael Davis Stained Glass Neumann Studios Williams Stained Glass

#### Glass, Curved & Slumped

Michael Davis Stained Glass Neumann Studios Williams Stained Glass

#### Glass, Custom

Circle Redmont, Inc. Lehmann Glass Studio Michael Davis Stained Glass Neumann Studios

#### Glass, Historical Replicas

Bendheim Glass Co. Circle Redmont, Inc. Lehmann Glass Studio Michael Davis Stained Glass Neumann Studios Williams Stained Glass

#### Glass, Insulated

Circle Redmont, Inc. Williams Stained Glass

#### **Hardware Restoration**

Al Bar-Wilmette Platers
Ball & Ball Hardware
Crown City Hardware Co.
Decorative Hardware Studio
E.R. Butler & Co.
Fagan's Forge
Guerin, P.E.
Historical Arts & Casting, Inc.
Wm. J. Rigby Co.

#### **Metal Door Restoration**

Historical Arts & Casting, Inc. Restoric, LLC Wiemann Ironworks

#### **Metal Doors, Aluminum**

Historical Arts & Casting, Inc.

REBCO, Inc. Solar Innovations, Inc. Wiemann Ironworks

#### Metal Doors, Bronze

Historical Arts & Casting, Inc. Saint-Jacques Artisans Workshops Wiemann Ironworks

#### **Metal Doors, Custom**

Allen Architectural Metals, Inc.
European Iron Works
Historical Arts & Casting, Inc.
REBCO, Inc.
Saint-Jacques Artisans Workshops
Solar Innovations, Inc.
Wiemann Ironworks

#### **Metal Doors, Steel**

Saint-Jacques Artisans Workshops Torrance Steel Window Co. Wiemann Ironworks

#### **Metal Window Restoration**

Historical Arts & Casting, Inc. Restoric, LLC Seekircher Steel Window Repair Corp.

#### **Metal Windows, Aluminum**

Historical Arts & Casting, Inc. REBCO, Inc. Solar Innovations, Inc. Wiemann Ironworks

#### **Metal Windows, Bronze**

Historical Arts & Casting, Inc. Wiemann Ironworks

#### **Metal Windows, Custom**

Historical Arts & Casting, Inc. Saint-Jacques Artisans Workshops Solar Innovations, Inc. Wiemann Ironworks

#### **Metal Windows, Steel**

Saint-Jacques Artisans Workshops Seekircher Steel Window Repair Corp. Torrance Steel Window Co. Wiemann Ironworks

#### Screen Doors, Metal

Solar Innovations, Inc.

#### Screen Doors, Wood

Architectural Components, Inc.
Bergerson Cedar Windows, Inc.
Coppa Woodworking
Cumberland Woodcraft Co.
Custom Trades International, Inc.
Grabill Windows & Doors
Jim Illingworth Millwork, LLC
Vintage Woodworks
Wood Window Workshop
Woodstone Co., The
Zeluck Doors & Windows

#### **Screens, Window**

Allied Window, Inc.
Architectural Components, Inc.
Bergerson Cedar Windows, Inc.
Coppa Woodworking
Custom Trades International, Inc.
Grabill Windows & Doors
Innerglass Window Systems
Solar Innovations, Inc.
Strybuc Industries
Wood Window Workshop

#### **Shutter Hardware**

Acorn Forged Iron
Architectural Products by Outwater, LLC
Ball & Ball Hardware
Copper Moon Woodworks
Crown City Hardware Co.
Custom Shutter Company

E.R. Butler & Co.
Fagan's Forge
Guerin, P.E.
House of Antique Hardware
James Peters & Son, Inc.
Kayne & Son Custom Hardware, Inc.
Kingsland Co. Shutters
Maguire Iron Corp.
Shuttercraft, Inc.
Strybuc Industries
Timberlane, Inc.
Vixen Hill Shutters
Wright Co., John

#### **Shutters, Exterior**

Architectural Products by Outwater, LLC
Copper Moon Woodworks
Custom Shutter Company
Extrutech Plastics, Inc.
Kingsland Co. Shutters
Shuttercraft, Inc.
The Shutter Depot
Timberlane, Inc.
Vixen Hill Shutters

#### **Shutters, Interior**

Architectural Products by Outwater, LLC
Custom Shutter Company
Extrutech Plastics, Inc.
Hahn's Woodworking Co., Inc.
Kingsland Co. Shutters
Shuttercraft, Inc.
The Shutter Depot
Timberlane, Inc.
Vixen Hill Shutters

#### Storm Doors, Metal

Cityproof Windows Historical Arts & Casting, Inc.

#### Storm Doors, Wood

Architectural Components, Inc.
Bergerson Cedar Windows, Inc.
Coppa Woodworking
Cumberland Woodcraft Co.
Custom Trades International, Inc.
Grabill Windows & Doors
Jim Illingworth Millwork, LLC
Vintage Woodworks
Wood Window Workshop

#### Storm Windows, Exterior

Allied Window, Inc.
Architectural Components, Inc.
Bergerson Cedar Windows, Inc.
Climate Seal
Coppa Woodworking
Custom Trades International, Inc.
Grabill Windows & Doors
Historical Arts & Casting, Inc.
Jim Illingworth Millwork, LLC
Marvin Windows and Doors
Mon-Ray, Inc.
New England Storms
Wood Window Workshop

#### Storm Windows, Interior

Allied Window, Inc.
Architectural Components, Inc.
Cityproof Windows
Coppa Woodworking
Custom Trades International, Inc.
Grabill Windows & Doors
Historical Arts & Casting, Inc.
Innerglass Window Systems
Jim Illingworth Millwork, LLC
Marvin Windows and Doors
Mon-Ray, Inc.
Wood Window Workshop

#### Window Hardware, Balance Systems

Custom Trades International, Inc. House of Antique Hardware Strybuc Industries
The Nanz Company

#### Window Hardware, Custom

Ball & Ball Hardware
Baltica
Crown City Hardware Co.
E.R. Butler & Co.
Fagan's Forge
Guerin, P.E.
Historical Arts & Casting, Inc.
Kayne & Son Custom Hardware, Inc.
The Nanz Company

#### Window Hardware, Sash Chain

Architectural Resource Center House of Antique Hardware Phelps Company Strybuc Industries The Nanz Company Wm. J. Rigby Co.

#### Window Hardware, Sash Lifts

Architectural Resource Center
Ball & Ball Hardware
Bathroom Machineries, DEA
Crown City Hardware Co.
E.R. Butler & Co.
Guerin, P.E.
House of Antique Hardware
Maguire Iron Corp.
Phelps Company
Rejuvenation
Signature Hardware
Strybuc Industries
The Nanz Company
Van Dyke's Restorers
Wm. J. Rigby Co.

#### Window Hardware, Sash Locks

Architectural Resource Center
Ball & Ball Hardware
Bathroom Machineries, DEA
Crown City Hardware Co.
E.R. Butler & Co.
Guerin, P.E.
House of Antique Hardware
Kayne & Son Custom Hardware, Inc.
Maguire Iron Corp.
Phelps Company
Rejuvenation
Signature Hardware
Strybuc Industries
The Nanz Company
Wm. J. Rigby Co.

#### Window Hardware, Sash Pulleys

Architectural Resource Center Bathroom Machineries, DEA Crown City Hardware Co. E.R. Butler & Co. Guerin, P.E. House of Antique Hardware Phelps Company Strybuc Industries The Nanz Company Wm. J. Rigby Co.

#### Window Hardware, Sash Weights

Architectural Iron Co.
Architectural Resource Center
House of Antique Hardware
Phelps Company
Strybuc Industries
The Nanz Company

#### Window Hardware, Standard Designs

Architectural Resource Center
Ball & Ball Hardware
Bathroom Machineries, DEA
Maguire Iron Corp.
Phelps Company
Strybuc Industries
The Nanz Company

Van Dyke's Restorers Wm. J. Rigby Co.

#### **Window Restoration Materials**

Abatron, Inc. Grabill Windows & Doors Jim Illingworth Millwork, LLC Parrett Windows

#### **Window Restoration Services**

See Metal Windows; Wood Windows

#### **Window Treatments**

See Section 1

#### Window Trim, Metal

Historical Arts & Casting, Inc. Pacific Columns

#### Window Trim, Polymer

Architectural Products by Outwater, LLC
Architectural Reproductions by Timeless
Cumberland Woodcraft Co.
Extrutech Plastics, Inc.
Flex Moulding, Inc.
Pacific Columns
Vintage Woodworks

#### Window Trim, Wood

Architectural Components, Inc.
Architectural Products by Outwater, LLC
Bergerson Cedar Windows, Inc.
Cumberland Woodcraft Co.
Custom Trades International, Inc.
Grabill Windows & Doors
Jim Illingworth Millwork, LLC
Pacific Columns
Vintage Woodworks
Wightman Specialty Woods
Wood Window Workshop

#### **Wood Door Restoration**

Allegheny Restoration & Builders, Inc.
Bergerson Cedar Windows, Inc.
Grabill Windows & Doors
Hahn's Woodworking Co., Inc.
Historic Doors
Old Town Repair
Parrett Windows
Restoric, LLC
Saint-Jacques Artisans Workshops

#### **Wood Doors, Custom**

Architectural Components, Inc. Bergerson Cedar Windows, Inc. Cumberland Woodcraft Co. Custom Trades International, Inc. Grabill Windows & Doors Hahn's Woodworking Co., Inc. Historic Doors J.S. Benson Woodworking & Design Jim Illingworth Millwork, LLC Khechoyan's Carvings & Tools, LLC Kingsland Co. Doors Maurer & Shepherd, Joyners Parrett Windows Saint-Jacques Artisans Workshops Scottsdale Art Factory Williams Stained Glass Wood Window Workshop Woodstone Co., The Zeluck Doors & Windows

#### **Wood Doors, Exterior**

Architectural Components, Inc.
Bergerson Cedar Windows, Inc.
Cumberland Woodcraft Co.
Custom Trades International, Inc.
Grabill Windows & Doors
Hahn's Woodworking Co., Inc.
Historic Doors
J.S. Benson Woodworking & Design
Jim Illingworth Millwork, LLC
Kingsland Co. Doors

Williams Stained Glass Wood Window Workshop Woodstone Co., The Zeluck Doors & Windows

#### **Wood Doors, Historical Replicas**

Architectural Components, Inc. Bergerson Cedar Windows, Inc. Custom Trades International, Inc. Grabill Windows & Doors Hahn's Woodworking Co., Inc. **Historic Doors** J.S. Benson Woodworking & Design Jim Illingworth Millwork, LLC Kingsland Co. Doors Maurer & Shepherd, Joyners Parrett Windows Saint-Jacques Artisans Workshops Tidewater Millwork Wood Window Workshop Woodstone Co., The Zeluck Doors & Windows

#### **Wood Doors, Interior**

Antique Lumber Co.
Architectural Components, Inc.
Brandt, Sylvan
Cumberland Woodcraft Co.
Custom Trades International, Inc.
Historic Doors
Jim Illingworth Millwork, LLC
Kingsland Co. Doors
Maurer & Shepherd, Joyners
Moulding Associates, Inc. (MAi)
Tidewater Millwork
Wood Window Workshop
Woodstone Co., The
Zeluck Doors & Windows

#### **Wood Doors, Standard Designs**

Bergerson Cedar Windows, Inc. Grabill Windows & Doors Hahn's Woodworking Co., Inc. J.S. Benson Woodworking & Design Jim Illingworth Millwork, LLC Tidewater Millwork

#### Wood Doors, Stile & Rail

Architectural Components, Inc.
Bergerson Cedar Windows, Inc.
Custom Trades International, Inc.
Grabill Windows & Doors
Hahn's Woodworking Co., Inc.
Historic Doors
J.S. Benson Woodworking & Design
Jim Illingworth Millwork, LLC
Maurer & Shepherd, Joyners
Wood Window Workshop
Woodstone Co., The
Zeluck Doors & Windows

#### **Wood Window Restoration**

Allegheny Restoration & Builders, Inc.
Bergerson Cedar Windows, Inc.
De Groot Historical Restoration, Inc.
Grabill Windows & Doors
Historic Doors
J.S. Benson Woodworking & Design
Jim Illingworth Millwork, LLC
Marvin Windows and Doors
Old Town Repair
Parrett Windows
Weather Shield Mfg. Co.
Woodstone Co., The
Zeluck Doors & Windows

#### **Wood Windows, Custom**

Architectural Components, Inc.
Bergerson Cedar Windows, Inc.
Custom Trades International, Inc.
De Groot Historical Restoration, Inc.
Fenestra America
Grabill Windows & Doors
Historic Doors

J.S. Benson Woodworking & Design
Jim Illingworth Millwork, LLC
Khechoyan's Carvings & Tools, LLC
Kingsland Co. Doors
Marvin Windows and Doors
Maurer & Shepherd, Joyners
Parrett Windows
Wood Window Workshop
Woodstone Co., The
Zeluck Doors & Windows

#### **Wood Windows, Historical Replicas**

Allegheny Restoration & Builders, Inc. Architectural Components, Inc. Bergerson Cedar Windows, Inc. Custom Trades International, Inc. Fenestra America **Grabill Windows & Doors Historic Doors** J.S. Benson Woodworking & Design Jim Illingworth Millwork, LLC Kingsland Co. Doors Marvin Windows and Doors Maurer & Shepherd, Joyners **Parrett Windows** Wood Window Workshop Woodstone Co., The Zeluck Doors & Windows

#### **Wood Windows, Metal Clad**

Custom Trades International, Inc. Fenestra America Grabill Windows & Doors Marvin Windows and Doors Parrett Windows Weather Shield Mfg. Co.

#### **Wood Windows, Polymer Clad**

Fenestra America Weather Shield Mfg. Co.

#### **Wood Windows, Premium Grade**

Custom Trades International, Inc.
Fenestra America
Grabill Windows & Doors
Maurer & Shepherd, Joyners
Weather Shield Mfg. Co.
Wood Window Workshop
Woodstone Co., The
Zeluck Doors & Windows

#### **Wood Windows, Special Shapes**

Architectural Components, Inc.
Bergerson Cedar Windows, Inc.
Custom Trades International, Inc.
Fenestra America
Grabill Windows & Doors
J.S. Benson Woodworking & Design
Kingsland Co. Doors
Marvin Windows and Doors
Maurer & Shepherd, Joyners
Parrett Windows
Wood Window Workshop
Woodstone Co., The
Zeluck Doors & Windows

#### **Wood Windows, Standard Designs**

Architectural Components, Inc.
Bergerson Cedar Windows, Inc.
Fenestra America
Grabill Windows & Doors
Kingsland Co. Doors
Marvin Windows and Doors
Parrett Windows



#### **Elevator Cabs, Historical Replicas**

Wiemann Ironworks

#### 6 Exterior Elements, Ornament & Finishes

#### **Balustrades, Cast Metal**

Architectural Iron Co.
Historical Arts & Casting, Inc.
Saint-Jacques Artisans Workshops
Steptoe & Wife Antiques Ltd.
Wiemann Ironworks

#### **Balustrades, Cast Stone**

A&M Victorian Decorations, Inc.
Architectural Reproductions by Timeless
Cantera Especial
Canterland of Mexico
Haddonstone (USA), Ltd.
Stone Decora
Towne House Restorations

#### **Balustrades, Fabricated Metal**

Architectural Iron Co.
Campbellsville Industries, Inc.
Fine Architectural Metalsmiths
NIKO Contracting Co., Inc.
Ornametals, LLC
Steptoe & Wife Antiques Ltd.
Warner Bros. Studio Facilities
Wiemann Ironworks

#### **Balustrades, Fabricated Stone**

Boston Valley Terra Cotta
Cantera Especial
Canterland of Mexico
DMS Studios
Gladding, McBean - Div. of Pacific
Coast Bldg.
Saint-Jacques Artisans Workshops
Stone Decora
Traditional Cut Stone, Ltd.

#### **Balustrades, Fiberglass**

Architectural Detail Corp.
Architectural Fiberglass Corp.
Architectural Reproductions by Timeless Columns.com
Fiberglass Specialties, Inc.
Manor Style, Inc.

#### Balustrades, Polymer

Architectural Products by Outwater, LLC
Architectural Reproductions by Timeless
AZEK Building Products, Inc.
Columns.com
Goodwin Associates
Manor Style, Inc.

#### **Balustrades, Thin-Shell Composites**

Architectural Fiberglass Corp. Architectural Reproductions by Timeless Columns.com

#### Balustrades, Wood

Goodwin Associates
Jim Illingworth Millwork, LLC
Pagliacco Turning & Milling
Vintage Woodworks

#### **Bird- & Pest-Control Products**

See Section 15

#### **Brackets, Composite**

Architectural Products by Outwater, LLC Decorators Supply Corp.

#### Brackets, Fiberglass

Architectural Detail Corp. Architectural Fiberglass Corp. Goodwin Associates Warner Bros. Studio Facilities

#### **Brackets, Polymer**

Architectural Products by Outwater, LLC

Architectural Reproductions by Timeless
AZEK Building Products, Inc.
Century Architectural Specialties
Felber Ornamental Plastering Corp.
Goodwin Associates
Manor Style, Inc.
Vintage Woodworks

#### **Brackets, Wood**

Agrell Architectural Carving Ltd.
Architectural Products by Outwater, LLC
Cumberland Woodcraft Co.
Goodwin Associates
Jim Illingworth Millwork, LLC
Vintage Woodworks

#### **Cast-Stone Exterior Elements**

A&M Victorian Decorations, Inc.
Cantera Especial
Canterland of Mexico
Haddonstone (USA), Ltd.
Kenneth Lynch & Sons, Inc.
Stone Decora
Towne House Restorations

#### **Cast-Stone Exterior Ornament**

A&M Victorian Decorations, Inc. Florentine Craftsmen, Inc. Haddonstone (USA), Ltd.

#### **Decking, Polymer**

AZEK Building Products, Inc. Extrutech Plastics, Inc.

#### Decking, Recycled Plastic

Architectural Products by Outwater, LLC

#### Decking, Rot-Resistant Composites

Extrutech Plastics, Inc.

#### Decking, Rot-Resistant Wood

Wightman Specialty Woods

#### **Exterior Carved Ornament**

Architectural Stone Masonry
DMS Studios
Saint-Jacques Artisans Workshops
Traditional Cut Stone, Ltd.

#### **Exterior Cornices, Cast Stone**

A&M Victorian Decorations, Inc. Haddonstone (USA), Ltd.

#### **Exterior Cornices, Fabricated Stone**

DMS Studios Saint-Jacques Artisans Workshops

#### **Exterior Cornices, Fiberglass**

Architectural Detail Corp.
Architectural Fiberglass Corp.
Fiberglass Specialties, Inc.
Goodwin Associates
Manor Style, Inc.
Seal Reinforced Fiberglass, Inc.

#### **Exterior Cornices, Sheet Metal**

C&J Metal Products
Campbellsville Industries, Inc.
NIKO Contracting Co., Inc.
Ornametals, LLC
Saint-Jacques Artisans Workshops

#### **Exterior Cornices, Thin-Shell Composites**

A&M Victorian Decorations, Inc. Architectural Fiberglass Corp.

#### **Exterior Cornices, Wood**

Jim Illingworth Millwork, LLC Vintage Woodworks

#### **Exterior Molded Ornament**

A&M Victorian Decorations, Inc. Architectural Fiberglass Corp. Architectural Products by Outwater, LLC
Architectural Reproductions by Timeless
Boston Valley Terra Cotta
Columns.com
Cumberland Woodcraft Co.
Felber Ornamental Plastering Corp.
Flex Moulding, Inc.
Florentine Craftsmen, Inc.
Goodwin Associates
Haddonstone (USA), Ltd.
Manor Style, Inc.
Towne House Restorations
Warner Bros. Studio Facilities

#### Exterior Molded Ornament, Custom Casting

A&M Victorian Decorations, Inc.
Architectural Fiberglass Corp.
Fiberglass Specialties, Inc.
Goodwin Associates
Haddonstone (USA), Ltd.
Manor Style, Inc.
Saint-Jacques Artisans Workshops
Towne House Restorations
Warner Bros. Studio Facilities

## Exterior Molded Ornament, Custom Models & Moldmaking

Abatron, Inc. Architectural Fiberglass Corp. Ball Consulting, Ltd. Warner Bros. Studio Facilities

#### **Exterior Polymer Millwork**

Architectural Products by Outwater, LLC
Architectural Reproductions by Timeless
AZEK Building Products, Inc.
Century Architectural Specialties
Columns.com
Extrutech Plastics, Inc.
Manor Style, Inc.
Vintage Woodworks

#### Fiberglass Architectural Elements

Architectural Detail Corp.
Architectural Fiberglass Corp.
Architectural Products by Outwater, LLC
Architectural Reproductions by Timeless
Aristone Designs, Inc.
Century Architectural Specialties
Fiberglass Specialties, Inc.
Goodwin Associates
Seal Reinforced Fiberglass, Inc.
Warner Bros. Studio Facilities

#### Fiberglass, Custom

Architectural Detail Corp.
Architectural Fiberglass Corp.
Fiberglass Specialties, Inc.
Goodwin Associates
Manor Style, Inc.
Seal Reinforced Fiberglass, Inc.
Warner Bros. Studio Facilities

#### **Gilding Services, Exterior**

Canning Studios Conrad Schmitt Studios, Inc. EverGreene Painting Studios, Inc. Peck Studios Sepp Leaf Products, Inc.

#### **Gilding Supplies**

See also Gilding Supplies in Section 8 Leo Uhlfelder Co. Sepp Leaf Products, Inc.

#### **Paint Analysis Services**

Canning Studios Conrad Schmitt Studios, Inc. EverGreene Painting Studios, Inc.

#### **Paint Color Consulting**

Canning Studios Color People, The Conrad Schmitt Studios, Inc. EverGreene Painting Studios, Inc. Peck Studios

#### Paint Strippers, Exterior

See Masonry Paint Strippers in Section 17

#### Paints, Exterior

Sepp Leaf Products, Inc.

#### Porch Parts, Polymer

Architectural Products by Outwater, LLC Architectural Reproductions by Timeless AZEK Building Products, Inc. Cumberland Woodcraft Co.

#### Porch Parts, Wood

Architectural Products by Outwater, LLC Cumberland Woodcraft Co. Fagan Design & Fabrication, Inc. Jim Illingworth Millwork, LLC MWT Custom Wood Working, LLC Pagliacco Turning & Milling

#### Siding, Clapboard

Chestnut Specialists, Inc. Wightman Specialty Woods

#### Siding, Quartersawn

East Teak Fine Hardwoods, Inc.

#### Siding, Shingles

East Teak Fine Hardwoods, Inc. Vintage Woodworks

#### Siding, Wood Substitutes

Architectural Products by Outwater, LLC Extrutech Plastics, Inc.

#### Stains, Exterior

Sepp Leaf Products, Inc. Vermont Natural Coatings

#### Flooring

#### Floor Coatings & Finishes

T. Morton & Co. Custom Wood Flooring

#### Non-Wood Flooring, Flagstone

Architectural Stone Masonry Champlain Stone, Ltd.

#### Non-Wood Flooring, Marble

Architectural Stone Masonry

#### Non-Wood Flooring, Mosaic

American Restoration Tile, Inc. Architectural Stone Masonry Designs in Tile Fishman Mosaics

#### Non-Wood Flooring, Slate

American Slate Company Architectural Stone Masonry

#### Non-Wood Flooring, Stone

Architectural Stone Masonry Authentic Provence, Inc. Cantera Especial Champlain Stone, Ltd. Eagle Creek Designs, Inc. Rossi USA Corp.

#### Non-Wood Flooring, Tile

American Restoration Tile, Inc. Designs in Tile Tile Source, Inc.

#### **Resilient Flooring, Cork**

Capri Cork Longleaf Lumber, LLC

#### Wood Flooring, Antique

Antique Lumber Co. Aurora Mills Architectural Salvage Authentic Wood Floors, Inc. Board and Beam Brandt, Sylvan Carlisle Wide Plank Floors Carlson's Barnwood Co. Chestnut Specialists, Inc. Country Road Associates, Ltd. Craftsman Lumber Co. Eagle Creek Designs, Inc. Iowa Barn Savers Longleaf Lumber, LLC Longwood Antique Woods T. Morton & Co. Custom Wood Flooring What It's Worth

#### **Wood Flooring, Bamboo**

Longleaf Lumber, LLC

#### **Wood Flooring, Hardwood Strip**

Antique Lumber Co.
Authentic Wood Floors, Inc.
East Teak Fine Hardwoods, Inc.
Longleaf Lumber, LLC
T. Morton & Co. Custom Wood Flooring
Wightman Specialty Woods

#### Wood Flooring, Inlay & Mosaic

Czar Floors Oshkosh Designs

#### **Wood Flooring, Parquet**

Carlisle Wide Plank Floors
Czar Floors
Oshkosh Designs
T. Morton & Co. Custom Wood Flooring

#### **Wood Flooring, Random Width**

Antique Lumber Co.
Authentic Wood Floors, Inc.
Board and Beam
Brandt, Sylvan
Carlisle Wide Plank Floors
Carlson's Barnwood Co.
Chestnut Specialists, Inc.
Country Road Associates, Ltd.
Craftsman Lumber Co.
Eagle Creek Designs, Inc.
Longleaf Lumber, LLC
Longwood Antique Woods
T. Morton & Co. Custom Wood Flooring
What It's Worth

#### Wood Flooring, Wide Board

Antique Lumber Co. Authentic Wood Floors, Inc. Board and Beam Brandt, Sylvan Carlisle Wide Plank Floors Carlson's Barnwood Co. Chestnut Specialists, Inc. Country Road Associates, Ltd. Craftsman Lumber Co. Eagle Creek Designs, Inc. East Teak Fine Hardwoods, Inc. Iowa Barn Savers Longleaf Lumber, LLC Longwood Antique Woods T. Morton & Co. Custom Wood Flooring What It's Worth Wightman Specialty Woods

#### Interior Elements, Ornament & Finishes

#### **Brackets, Plaster**

A&M Victorian Decorations, Inc.
Architectural Products by Outwater, LLC
Felber Ornamental Plastering Corp.
Goodwin Associates
White River Hardwoods-Woodworks

#### **Brackets, Polymer**

Architectural Products by Outwater, LLC Architectural Reproductions by Timeless Century Architectural Specialties Flex Moulding, Inc. Goodwin Associates Manor Style, Inc.

#### **Brackets, Polymer-Modified Gypsum**

Felber Ornamental Plastering Corp. Goodwin Associates

#### **Brackets, Wood**

Agrell Architectural Carving Ltd.
Architectural Products by Outwater, LLC
Jim Illingworth Millwork, LLC
Khechoyan's Carvings & Tools, LLC
Michael A. Dow - Woodcarver
Pagliacco Turning & Milling
Van Dyke's Restorers
Vintage Woodworks
White River Hardwoods-Woodworks
Wilbur, Frederick - Woodcarver

#### **Cast-Stone Interior Elements**

A&M Victorian Decorations, Inc. Haddonstone (USA), Ltd. Towne House Restorations

#### **Cast-Stone Interior Ornament**

A&M Victorian Decorations, Inc.
Cantera Especial
Canterland of Mexico
Haddonstone (USA), Ltd.
Stone Decora
Towne House Restorations

#### Casting, Custom

See Interior Molded Ornament, Custom Casting

#### **Ceiling Domes**

A&M Victorian Decorations, Inc.
Architectural Detail Corp.
Architectural Products by Outwater, LLC
Architectural Reproductions by Timeless
Canning Studios
Century Architectural Specialties
Classic Ceilings
EverGreene Painting Studios, Inc.
Felber Ornamental Plastering Corp.
Goodwin Associates
Manor Style, Inc.
Williams Stained Glass

#### **Ceiling Medallions**

A&M Victorian Decorations, Inc.
Architectural Detail Corp.
Architectural Products by Outwater, LLC
Architectural Reproductions by Timeless
Century Architectural Specialties
Classic Ceilings
Cumberland Woodcraft Co.
Decorators Supply Corp.
Felber Ornamental Plastering Corp.
Goodwin Associates
Manor Style, Inc.
Van Dyke's Restorers

#### Ceilings, Ornamental, Fiberglass

Architectural Detail Corp.
Century Architectural Specialties
Seal Reinforced Fiberglass, Inc.

#### Ceilings, Ornamental, Gypsum

Above View by Tiles, Inc. Felber Ornamental Plastering Corp. Interact Ceilings

#### Ceilings, Ornamental, Metal

American Tin Ceiling Co. Architectural Products by Outwater, LLC Brian Greer's Tin Ceilings, Walls & Unique Metal Work Chelsea Decorative Metal Co.
Classic Ceilings
Goodwin Associates
Michigan Ornamental Metals
NIKO Contracting Co., Inc.
Pacific Columns
Van Dyke's Restorers
W.F. Norman Corp.

#### Ceilings, Ornamental, Plaster

Architectural Products by Outwater, LLC
Canning Studios
Conrad Schmitt Studios, Inc.
EverGreene Painting Studios, Inc.
Felber Ornamental Plastering Corp.
Goodwin Associates
Interact Ceilings
White River Hardwoods-Woodworks

#### Ceilings, Ornamental, Polymer

Architectural Products by Outwater, LLC Architectural Reproductions by Timeless Century Architectural Specialties Classic Ceilings Goodwin Associates Manor Style, Inc.

#### Ceilings, Ornamental, Polymer-Modified Gypsum

Above View by Tiles, Inc. Felber Ornamental Plastering Corp.

#### Ceilings, Ornamental, Wood

Agrell Architectural Carving Ltd.
Cumberland Woodcraft Co.
Interact Ceilings
Khechoyan's Carvings & Tools, LLC
Wilbur, Frederick - Woodcarver

#### **Ceramic Tile, Antique**

American Restoration Tile, Inc. Dutch Delft Tiles by Oudolf Jr.

#### **Ceramic Tile, Custom Duplication**

American Restoration Tile, Inc.

#### **Ceramic Tile, Embossed**

American Restoration Tile, Inc. Tile Source, Inc.

#### **Ceramic Tile, Encaustic**

Designs in Tile Tile Source, Inc.

#### **Ceramic Tile, Exterior Paving**

See Pavers, Ceramic, in Section 9

#### Ceramic Tile, Fireplace

American Restoration Tile, Inc. Designs in Tile Tile Source, Inc.

#### **Ceramic Tile, Flooring**

See Non-Wood Flooring, Tile, in Section 7

#### **Ceramic Tile, Geometrics & Mosaic**

See also Mosaics in Section 1
American Restoration Tile, Inc.
Designs in Tile
Fishman Mosaics
Tile Source, Inc.

#### **Ceramic Tile, Hand Painted**

American Restoration Tile, Inc. Designs in Tile Dutch Delft Tiles by Oudolf Jr. Tile Source, Inc.

#### **Ceramic Tile, Historic Patterns**

Designs in Tile

Dutch Delft Tiles by Oudolf Jr.

Tile Source, Inc.

#### Ceramic Tile, Pool & Fountain

American Restoration Tile, Inc. Designs in Tile

#### **Cornice Moldings, Composites**

A&M Victorian Decorations, Inc. Architectural Products by Outwater, LLC Manor Style, Inc.

#### Cornice Moldings, Gypsum

Felber Ornamental Plastering Corp.

#### **Cornice Moldings, Plaster**

A&M Victorian Decorations, Inc. Decorators Supply Corp. Felber Ornamental Plastering Corp. Warner Bros. Studio Facilities

#### **Cornice Moldings, Polymer**

Architectural Products by Outwater, LLC
Architectural Reproductions by Timeless
Century Architectural Specialties
Classic Ceilings
Cumberland Woodcraft Co.
Flex Moulding, Inc.
Goodwin Associates
Manor Style, Inc.
Vintage Woodworks

#### Cornice Moldings, Polymer-Modified Gypsum

Goodwin Associates

#### **Cornice Moldings, Wood**

Agrell Architectural Carving Ltd.
Architectural Products by Outwater, LLC
Cumberland Woodcraft Co.
East Teak Fine Hardwoods, Inc.
Goodwin Associates
Jim Illingworth Millwork, LLC
Vintage Woodworks
White River Hardwoods-Woodworks
Wilbur, Frederick - Woodcarver

#### **Decorative Painting Supplies**

See also Paints, Interior Sepp Leaf Products, Inc.

A-Art/B. Rasmussen, Ltd.

#### **Decorative Painting, Faux Finishes**

Canning Studios
Conrad Schmitt Studios, Inc.
EverGreene Painting Studios, Inc.
John Tiedemann, Inc.
Leo Uhlfelder Co.
Lynne Rutter Murals & Decorative
Painting
Peck Studios
Sepp Leaf Products, Inc.
Warner Bros. Studio Facilities

#### **Decorative Painting, Graining**

Canning Studios
Conrad Schmitt Studios, Inc.
EverGreene Painting Studios, Inc.
John Tiedemann, Inc.
Leo Uhlfelder Co.
Lynne Rutter Murals & Decorative
Painting
Peck Studios

#### **Decorative Painting, Marbleizing**

Canning Studios
Conrad Schmitt Studios, Inc.
EverGreene Painting Studios, Inc.
John Tiedemann, Inc.
Leo Uhlfelder Co.
Lynne Rutter Murals & Decorative
Painting
Peck Studios

#### **Decorative Painting, Murals**

See Murals in Section 1

#### **Decorative Painting, Stenciling**

Canning Studios
Conrad Schmitt Studios, Inc.
EverGreene Painting Studios, Inc.
John Tiedemann, Inc.
Lynne Rutter Murals & Decorative
Painting
Peck Studios

#### Gilding Services, Interior

A-Art/B. Rasmussen, Ltd.
Canning Studios
Conrad Schmitt Studios, Inc.
EverGreene Painting Studios, Inc.
John Tiedemann, Inc.
Lynne Rutter Murals & Decorative
Painting
Peck Studios
Sepp Leaf Products, Inc.

#### **Gilding Supplies**

See also Gilding Supplies in Section 6 Leo Uhlfelder Co. Sepp Leaf Products, Inc.

#### **Grilles, Metal**

See Section 12

#### **Grilles, Wood**

See Section 20

#### **Interior Molded Ornament**

A&M Victorian Decorations, Inc. Abatron, Inc. Above View by Tiles, Inc. American Clay Enterprises, Inc. Architectural Fiberglass Corp. Architectural Products by Outwater, LLC Architectural Reproductions by Timeless Ball Consulting, Ltd. Century Architectural Specialties Classic Ceilings Decorators Supply Corp. Felber Ornamental Plastering Corp. Flex Moulding, Inc. Goodwin Associates Haddonstone (USA), Ltd. Manor Style, Inc. Seal Reinforced Fiberglass, Inc. Towne House Restorations Vintage Woodworks Warner Bros. Studio Facilities

#### Interior Molded Ornament, Custom Casting

White River Hardwoods-Woodworks

A&M Victorian Decorations, Inc.

Century Architectural Specialties
Felber Ornamental Plastering Corp.
Flex Moulding, Inc.
Goodwin Associates
Haddonstone (USA), Ltd.
Manor Style, Inc.
Saint-Jacques Artisans Workshops
Towne House Restorations
Warner Bros. Studio Facilities

## Interior Molded Ornament, Custom Models & Moldmaking

Abatron, Inc.
Ball Consulting, Ltd.
Canning Studios
Century Architectural Specialties
EverGreene Painting Studios, Inc.
Felber Ornamental Plastering Corp.
Warner Bros. Studio Facilities

#### Lincrusta

See Wallcoverings, Lincustra

#### Moldings, Plaster

Decorators Supply Corp. Felber Ornamental Plastering Corp. Goodwin Associates

#### Moldings, Polymer

Architectural Products by Outwater, LLC
Architectural Reproductions by Timeless
Century Architectural Specialties
Classic Ceilings
Cumberland Woodcraft Co.
Flex Moulding, Inc.
Goodwin Associates
Manor Style, Inc.
Vintage Woodworks

#### Moldings, Wood

See Section 20

#### **Moldmaking Materials**

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#### Mosaics

See Section 1

#### Paint Strippers, Masonry

See Masonry Paint Strippers in Section 17

#### **Painting Conservation**

See Conservation Services, Art, in Section 14

#### Paints, Interior

Vermont Natural Coatings

#### **Plaster Ornament**

See Interior Molded Ornament

#### Plaster

American Clay Enterprises, Inc.

#### Plaster, Casting

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#### Plaster, Venetian

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#### Registers, Metal See Section 12

Registers, Wood

See Section 20

#### Scagliola

EverGreene Painting Studios, Inc.

#### Stains, Interior

Vermont Natural Coatings

#### Tile

See Ceramic Tile

#### Venetian Plaster

Canning Studios Conrad Schmitt Studios, Inc. EverGreene Painting Studios, Inc. Sepp Leaf Products, Inc.

#### Wallcoverings, Anaglypta

Architectural Products by Outwater, LLC

#### Wallcoverings, Embossed

Architectural Products by Outwater, LLC

#### Wallcoverings, Lincrusta

Architectural Products by Outwater, LLC

#### **Wallcoverings, Traditional Adaptations**

Wightman Specialty Woods

#### Wallpaper, Borders & Panels

Architectural Products by Outwater, LLC Mason & Wolf

#### Wallpaper, Custom

**Canning Studios** 

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EverGreene Painting Studios, Inc. Mason & Wolf

### Wallpaper, Historical Reproductions Mason & Wolf

#### Wallpaper, Room Sets & Suites Mason & Wolf

## Wallpaper, Traditional Adaptations Mason & Wolf

#### **Window Treatments**

See Section 1



#### Landscape & Garden Specialties

#### **Arbors**

1.800.COLUMNS
Architectural Products by Outwater, LLC
Columns.com
Dreamcatcher Imports, Inc.
Historical Arts & Casting, Inc.
Kenneth Lynch & Sons, Inc.
Wiemann Ironworks

#### **Benches**

A&M Victorian Decorations, Inc. Allen Architectural Metals, Inc. Architectural Iron Co. Architectural Pottery Architectural Stone Masonry Cantera Especial Canterbury International Canterland of Mexico Champlain Stone, Ltd. Dahlhaus Lighting, Inc. Doty & Sons Concrete Products, Inc. Dreamcatcher Imports, Inc. Florentine Craftsmen, Inc. Goodwin International Haddonstone (USA), Ltd. Herwig Lighting Historical Arts & Casting, Inc. John F. Graney Metal Design, LLC Jon Hair Studio of Fine Art LLC Kenneth Lynch & Sons, Inc. Oxford Garden Seibert & Rice Stone Decora Wiemann Ironworks

#### **Bridges, Ornamental**

Architectural Stone Masonry Contech Bridge Solutions Inc. Historical Arts & Casting, Inc. Wiemann Ironworks

#### **Bridges, Pedestrian**

Contech Bridge Solutions Inc. Florentine Craftsmen, Inc.

#### Bridges, Vehicular

Contech Bridge Solutions Inc.

#### Cascades

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#### **Cast-Stone Ornament**

See Cast-Stone Exterior Ornament in Section 6

#### **Curbing & Edging**

Champlain Stone, Ltd.

Dreamcatcher Imports, Inc.

Kenneth Lynch & Sons, Inc.

#### **Fencing, Animal**

Dreamcatcher Imports, Inc.

#### Fencing, Antique Original

Aurora Mills Architectural Salvage

Carlson's Barnwood Co. Saint-Jacques Artisans Workshops

#### Fencing, Metal

Architectural Iron Co.
Campbellsville Industries, Inc.
Dreamcatcher Imports, Inc.
Fine Architectural Metalsmiths
Historical Arts & Casting, Inc.
John F. Graney Metal Design, LLC
Liberty Ornamental Products
O.K. Foundry Co., Inc.
Schiff Architectural Detail
Steptoe & Wife Antiques Ltd.
Texas Metal Industries, Inc.
Wiemann Ironworks

#### Fencing, Wood

Bamboo & Rattan Works, Inc. Carlson's Barnwood Co.

#### **Flagpoles**

Eder Flag Mfg. Co., Inc. Historical Arts & Casting, Inc.

#### Flags & Banners

Eder Flag Mfg. Co., Inc.

#### **Fountain Pumps**

AquaMaster Fountains & Aerators

#### Fountains, Drinking

Designs in Tile

#### Fountains, Floating

AquaMaster Fountains & Aerators Otterbine Barebo, Inc.

#### Fountains, Freestanding

AquaMaster Fountains & Aerators Architectural Pottery Architectural Stone Masonry Authentic Provence, Inc. Dreamcatcher Imports, Inc. Florentine Craftsmen, Inc. Goodwin International Haddonstone (USA), Ltd. Historical Arts & Casting, Inc. Kenneth Lynch & Sons, Inc. No 9 Studio UK Robinson Iron Corp. Rossi USA Corp. Schiff Architectural Detail Traditional Cut Stone, Ltd. Waterfall Creations, Inc.

#### Fountains, Pool

AquaMaster Fountains & Aerators
Architectural Stone Masonry
Authentic Provence, Inc.
Florentine Craftsmen, Inc.
Haddonstone (USA), Ltd.
Kenneth Lynch & Sons, Inc.
Rossi USA Corp.
Seal Reinforced Fiberglass, Inc.
Waterfall Creations, Inc.

#### Fountains, Sculptural

Architectural Stone Masonry
Florentine Craftsmen, Inc.
Gerald Siciliano Studio Design Associates
Goodwin International
Haddonstone (USA), Ltd.
No 9 Studio UK
Saint-Jacques Artisans Workshops
Tuscan Imports
Waterfall Creations, Inc.
Wiemann Ironworks

#### Fountains, Tiered

A&M Victorian Decorations, Inc. Allen Architectural Metals, Inc. Architectural Pottery Architectural Stone Masonry Authentic Provence, Inc.
Cantera Especial
Canterland of Mexico
Dreamcatcher Imports, Inc.
Florentine Craftsmen, Inc.
Haddonstone (USA), Ltd.
Historical Arts & Casting, Inc.
Kenneth Lynch & Sons, Inc.
Robinson Iron Corp.
Rossi USA Corp.
Schiff Architectural Detail
Stone Decora
Tuscan Imports

#### Fountains, Wall

A&M Victorian Decorations, Inc. **Architectural Pottery** Architectural Stone Masonry Authentic Provence, Inc. Cantera Especial Canterland of Mexico Copper Sculptures Designs in Tile Dreamcatcher Imports, Inc. Florentine Craftsmen, Inc. Goodwin International Haddonstone (USA), Ltd. Historical Arts & Casting, Inc. Kenneth Lynch & Sons, Inc. Stone Decora Traditional Cut Stone, Ltd. Waterfall Creations, Inc.

#### **Garden Furnishings**

Architectural Heritage, Inc.
Authentic Provence, Inc.
Dreamcatcher Imports, Inc.
Florentine Craftsmen, Inc.
Goodwin International
Haddonstone (USA), Ltd.
Historical Arts & Casting, Inc.
Kenneth Lynch & Sons, Inc.
Traditional Cut Stone, Ltd.
Wiemann Ironworks

#### **Garden Ornament**

Architectural Heritage, Inc. Architectural Pottery Authentic Provence, Inc. Bamboo & Rattan Works, Inc. Dreamcatcher Imports, Inc. Florentine Craftsmen, Inc. Goodwin International Haddonstone (USA), Ltd. Historical Arts & Casting, Inc. Kenneth Lynch & Sons, Inc. No 9 Studio UK Seibert & Rice Towne House Restorations Traditional Cut Stone, Ltd. Tuscan Imports Wiemann Ironworks

#### **Gate Hardware**

Acorn Forged Iron
Ball & Ball Hardware
D.J.A. Imports, Ltd.
European Iron Works
Fagan's Forge
Historical Arts & Casting, Inc.
James Peters & Son, Inc.
Kayne & Son Custom Hardware, Inc.
Maguire Iron Corp.
Richards-Wilcox, Inc.
Signature Hardware

#### **Gate Operators**

FAAC International, Inc.

#### Gates, Antique Original

Saint-Jacques Artisans Workshops

#### Gates, Metal

Architectural Iron Co.

D.J.A. Imports, Ltd.
Dreamcatcher Imports, Inc.
European Iron Works
Fine Architectural Metalsmiths
Historical Arts & Casting, Inc.
John F. Graney Metal Design, LLC
Liberty Ornamental Products
Schiff Architectural Detail
Scottsdale Art Factory
Steptoe & Wife Antiques Ltd.
Texas Metal Industries, Inc.
Wiemann Ironworks

#### Gazebos

See Section 3

#### Greenhouses

See Section 3

#### **Landscape Stone**

Architectural Stone Masonry Champlain Stone, Ltd. Haddonstone (USA), Ltd. Saint-Jacques Artisans Workshops

#### **Lattice & Treillage**

Florentine Craftsmen, Inc. Historical Arts & Casting, Inc. Poligon Div., W.H. Porter Wiemann Ironworks

#### Lighting, Landscape & Garden

See Section 10

#### **Mailboxes, Post Mounted**

Brandon Industries, Inc.
Copper Sculptures
Custom Home Accessories, Inc.
Dreamcatcher Imports, Inc.
Historical Arts & Casting, Inc.
New Concept Louvers
Signature Hardware
Texas Metal Industries, Inc.

#### Mailboxes, Wall Mounted

Copper Sculptures
Custom Home Accessories, Inc.
Dreamcatcher Imports, Inc.
Historical Arts & Casting, Inc.
New Concept Louvers
Rejuvenation
Signature Hardware

#### Pavers, Brick

Belden Brick Co.
Old Carolina Brick Co.

#### Pavers, Ceramic

American Restoration Tile, Inc. Gladding, McBean - Div. of Pacific Coast Bldg. Tile Source, Inc.

#### Pavers, Concrete

A&M Victorian Decorations, Inc. Aristone Designs, Inc.

#### Pavers, Stone

Architectural Stone Masonry Cantera Especial Canterland of Mexico Champlain Stone, Ltd. Rossi USA Corp. Stone Decora Traditional Cut Stone, Ltd.

#### **Pergolas**

1.800.COLUMNS
Columns.com
Florentine Craftsmen, Inc.
Haddonstone (USA), Ltd.
Historical Arts & Casting, Inc.
Poligon Div., W.H. Porter
Wiemann Ironworks

#### **Planters & Urns**

**Architectural Pottery** Architectural Stone Masonry Authentic Provence, Inc. Cantera Especial Canterland of Mexico Dahlhaus Lighting, Inc. Doty & Sons Concrete Products, Inc. Dreamcatcher Imports, Inc. Florentine Craftsmen, Inc. Goodwin International Haddonstone (USA), Ltd. Historical Arts & Casting, Inc. Kenneth Lynch & Sons, Inc. Oxford Garden Seal Reinforced Fiberglass, Inc. Seibert & Rice Stone Decora Traditional Cut Stone, Ltd. Tuscan Imports Wright Co., John

#### **Plaques**

See Signage

#### Sculpture & Statuary

See Section 1

#### Signage

A&M Victorian Decorations, Inc. A-Art/B. Rasmussen, Ltd. Allen Architectural Metals, Inc. Brandon Industries, Inc. Copper Sculptures Erie Landmark Co. Historical Arts & Casting, Inc. Kenneth Lynch & Sons, Inc. Lake Shore Industries, Inc. Schiff Architectural Detail Texas Metal Industries, Inc. Wiemann Ironworks

#### **Sundials**

Architectural Stone Masonry Authentic Provence, Inc. Haddonstone (USA), Ltd. Historical Arts & Casting, Inc. Kenneth Lynch & Sons, Inc.

#### **Topiary Frames**

Authentic Provence, Inc. Dreamcatcher Imports, Inc. Florentine Craftsmen, Inc. Kenneth Lynch & Sons, Inc.

#### Trash/Ash Receptacles

See Waste Containers

#### **Tree Grates & Guards**

Canterbury International John F. Graney Metal Design, LLC

#### **Treillage**

See Lattice & Treillage

#### Urns

See Planters & Urns

#### Walls, Retaining

Champlain Stone, Ltd.

#### **Waste Containers**

Architectural Pottery Canterbury International Doty & Sons Concrete Products, Inc. **DuMor Site Furnishings** 

#### **Waterfalls & Cascades**

Seal Reinforced Fiberglass, Inc. Waterfall Creations, Inc.

#### 10 Lighting & Electrical

#### Candles, Electric

AAMSCO Lighting, Inc.

#### **Exterior Lighting Restoration**

Al Bar-Wilmette Platers Ball & Ball Lighting Bevolo Gas & Electric Lights Coe Studios, Inc. Crenshaw Lighting Customlightstyles.com Faubourg Lighting Herwig Lighting Lantern Masters, Inc. Maguire Iron Corp. **Neumann Studios** Newstamp Lighting Co. Rambusch Decorating Co. Restoric, LLC Schiff Architectural Detail St. Louis Antique Lighting Co. Steven Handelman Studios

#### **Exterior Lighting, Antique Original**

Architectural Heritage, Inc. Aurora Mills Architectural Salvage Authentic Provence, Inc. Ball & Ball Lighting Customlightstyles.com Federalist, The Herwig Lighting Neumann Studios Pinch of the Past Remains Lighting

#### **Exterior Lighting, Architectural Accent** & Special Effect

Architectural Area Lighting, Inc. Ball & Ball Lighting Century Architectural Specialties Customlightstyles.com Dreamcatcher Imports, Inc. Federalist, The Historical Arts & Casting, Inc. Kim Lighting Lighting by Hammerworks Neumann Studios

#### **Exterior Lighting, Building Mounted**

**Authentic Designs** Ball & Ball Lighting Bevolo Gas & Electric Lights Copper Sculptures Coppersmythe, Josiah R. Craftsmen Hardware Co. Customlightstyles.com Deep Landing Workshop Faubourg Lighting Federalist, The Fine Architectural Metalsmiths Herwig Lighting Historical Arts & Casting, Inc. Kim Lighting Lantern Masters, Inc. Lighting by Hammerworks Rejuvenation Steven Handelman Studios

#### **Exterior Lighting, Custom**

Architectural Area Lighting, Inc. **Authentic Designs** Ball & Ball Lighting Coe Studios, Inc. Copper Sculptures Coppersmythe, Josiah R. Craftsmen Hardware Co. Crenshaw Lighting Customlightstyles.com Dahlhaus Lighting, Inc. Deep Landing Workshop Faubourg Lighting Federalist, The

Fine Architectural Metalsmiths Herwig Lighting Historical Arts & Casting, Inc. John F. Graney Metal Design, LLC Lantern Masters, Inc. Lighting by Hammerworks Maguire Iron Corp. Neumann Studios Newstamp Lighting Co. Old California Lantern Co. Rambusch Decorating Co. Schiff Architectural Detail Schwartz's Forge & Metalworks, Inc. St. Louis Antique Lighting Co. Sternberg Lighting Steven Handelman Studios Wiemann Ironworks

#### **Exterior Lighting, Garden**

Ball & Ball Lighting Coe Studios, Inc. Customlightstyles.com Dahlhaus Lighting, Inc. Deep Landing Workshop **Faubourg Lighting** Federalist, The Florentine Craftsmen, Inc. Herwig Lighting Historical Arts & Casting, Inc. Kim Lighting Lantern Masters, Inc. Lighting by Hammerworks Maguire Iron Corp. Sternberg Lighting

#### **Exterior Lighting, Historical** Reproductions

**Authentic Designs** Authentic Provence, Inc. Ball & Ball Lighting Brandon Industries, Inc. Copper Sculptures Coppersmythe, Josiah R. Crenshaw Lighting Crown City Hardware Co. Customlightstyles.com Dahlhaus Lighting, Inc. Deep Landing Workshop Dreamcatcher Imports, Inc. Faubourg Lighting Federalist, The Fine Architectural Metalsmiths Heritage Lanterns Herwig Lighting Historical Arts & Casting, Inc. Lantern Masters, Inc. Lighting by Hammerworks Maguire Iron Corp. Neumann Studios Newstamp Lighting Co. Old California Lantern Co. Olde Mill Lighting, Ltd. Rejuvenation Remains Lighting St. Louis Antique Lighting Co. Sternberg Lighting Steven Handelman Studios

#### Exterior Lighting, Landscape

Ball & Ball Lighting Bevolo Gas & Electric Lights Coe Studios, Inc. Copper Sculptures Customlightstyles.com Dahlhaus Lighting, Inc. Dreamcatcher Imports, Inc. Faubourg Lighting Florentine Craftsmen, Inc. Herwig Lighting Historical Arts & Casting, Inc. Kim Lighting Lighting by Hammerworks Maguire Iron Corp.

Sternberg Lighting Steven Handelman Studios

#### **Exterior Lighting, Lanterns**

**Authentic Designs** 

**Ball & Ball Lighting** Bevolo Gas & Electric Lights Brandon Industries, Inc. Coe Studios, Inc. Copper Sculptures Coppersmythe, Josiah R. Craftsmen Hardware Co. Crenshaw Lighting Customlightstyles.com Dahlhaus Lighting, Inc. Deep Landing Workshop Distinguished Home Lighting, Ltd. Faubourg Lighting Federalist, The Fine Architectural Metalsmiths Heritage Lanterns Herwig Lighting Historical Arts & Casting, Inc. Kim Lighting Lantern Masters, Inc. Lighting by Hammerworks Maguire Iron Corp. Newstamp Lighting Co. Old California Lantern Co. Olde Mill Lighting, Ltd. Signature Hardware St. Louis Antique Lighting Co. Sternberg Lighting

#### **Exterior Lighting, Porch Authentic Designs**

Steven Handelman Studios

**Ball & Ball Lighting** Bevolo Gas & Electric Lights Coe Studios, Inc. Coppersmythe, Josiah R. Craftsmen Hardware Co. Customlightstyles.com Dahlhaus Lighting, Inc. Deep Landing Workshop Distinguished Home Lighting, Ltd. **Faubourg Lighting** Federalist, The Fine Architectural Metalsmiths Heritage Lanterns Herwig Lighting Historical Arts & Casting, Inc. Lantern Masters, Inc. Lighting by Hammerworks Maguire Iron Corp. Mica Lamp Co. Newstamp Lighting Co. Old California Lantern Co. Olde Mill Lighting, Ltd. Rejuvenation Signature Hardware Steven Handelman Studios

#### **Exterior Lighting, Post Mounted**

**Authentic Designs** Ball & Ball Lighting Bevolo Gas & Electric Lights Brandon Industries, Inc. Coe Studios, Inc. Copper Sculptures Coppersmythe, Josiah R. Crenshaw Lighting Custom Home Accessories, Inc. Dahlhaus Lighting, Inc. Deep Landing Workshop Distinguished Home Lighting, Ltd. Dreamcatcher Imports, Inc. Faubourg Lighting Federalist, The Fine Architectural Metalsmiths Heritage Lanterns Herwig Lighting Historical Arts & Casting, Inc.

Kim Lighting Lantern Masters, Inc. Lighting by Hammerworks Maguire Iron Corp. Newstamp Lighting Co. Old California Lantern Co. Olde Mill Lighting, Ltd. Signature Hardware Sternberg Lighting Steven Handelman Studios Texas Metal Industries, Inc.

#### **Fans, Belt Driven**

Woolen Mill Fan Co.

#### Fans, Ceiling

Mica Lamp Co. The Period Arts Fan Co. Woolen Mill Fan Co.

#### **Fans, Historical Replicas**

The Period Arts Fan Co.

#### Fiber-Optic Lighting Fixtures

Rambusch Lighting Co.

#### Fiber-Optic Lighting System Design

Rambusch Lighting Co.

#### **Garden Lighting**

See Exterior Lighting, Garden

#### **Gas Lighting Restoration**

Ball & Ball Lighting Bevolo Gas & Electric Lights Crenshaw Lighting

#### **Gas Lighting, Antique Original**

Ball & Ball Lighting Nowell's, Inc.

#### Gas Lighting, Custom

Ball & Ball Lighting Copper Sculptures Crenshaw Lighting Dahlhaus Lighting, Inc. Faubourg Lighting Federalist, The Lighting by Hammerworks Steven Handelman Studios Wiemann Ironworks

#### **Gas Lighting, Exterior**

Ball & Ball Lighting Bevolo Gas & Electric Lights Copper Sculptures Distinguished Home Lighting, Ltd. Faubourg Lighting Federalist, The Lighting by Hammerworks Signature Hardware

#### **Gas Lighting, Interior**

Distinguished Home Lighting, Ltd. Federalist, The Lighting by Hammerworks Nowell's, Inc. Signature Hardware

#### **Interior Lighting Restoration**

Al Bar-Wilmette Platers **Archistoric Products** Ball & Ball Lighting Craft Metal Products, Inc. Crenshaw Lighting Customlightstyles.com Lantern Masters, Inc. Maguire Iron Corp. **Neumann Studios** Pinch of the Past Rambusch Lighting Co. Restoric, LLC St. Louis Antique Lighting Co. Williams Stained Glass

#### Interior Lighting, Antique Original

Architectural Heritage, Inc. Aurora Mills Architectural Salvage Ball & Ball Lighting Carlson's Barnwood Co. Customlightstyles.com Federalist, The Maurice Chandelier Neumann Studios Nowell's, Inc. Pinch of the Past Remains Lighting

#### Interior Lighting, Ceiling Flush-Mount

**Authentic Designs** Ball & Ball Lighting Coppersmythe, Josiah R. Craft Metal Products, Inc. Craftsmen Hardware Co. Crenshaw Lighting Deep Landing Workshop Federalist, The Lantern Masters, Inc. Lighting by Hammerworks Maguire Iron Corp. **Neumann Studios** Newstamp Lighting Co. Olde Mill Lighting, Ltd. Rambusch Lighting Co. Rejuvenation Remains Lighting Signature Hardware St. Louis Antique Lighting Co.

#### Interior Lighting, Chandeliers

**Archistoric Products** Authentic Designs Ball & Ball Lighting Coppersmythe, Josiah R. Craft Metal Products, Inc. Craftsmen Hardware Co. Crenshaw Lighting Customlightstyles.com Deep Landing Workshop Distinguished Home Lighting, Ltd. Federalist, The Fine Architectural Metalsmiths Heritage Lanterns Lantern Masters, Inc. Lighting by Hammerworks Maurice Chandelier Mica Lamp Co. Neumann Studios Newstamp Lighting Co. Old California Lantern Co. Olde Mill Lighting, Ltd. Rambusch Lighting Co. Rejuvenation Remains Lighting Richard Scofield Historic Lighting Scottsdale Art Factory Signature Hardware St. Louis Antique Lighting Co.

#### **Interior Lighting, Custom**

Steven Handelman Studios

**Archistoric Products** Ball & Ball Lighting Coppersmythe, Josiah R. Craft Metal Products, Inc. Craftsmen Hardware Co. Crenshaw Lighting Customlightstyles.com Deep Landing Workshop European Iron Works Faubourg Lighting Federalist, The Fine Architectural Metalsmiths Historical Arts & Casting, Inc. John F. Graney Metal Design, LLC Lantern Masters, Inc. Lighting by Hammerworks Maguire Iron Corp. **Neumann Studios** 

Newstamp Lighting Co. Old California Lantern Co. Rambusch Lighting Co. Remains Lighting St. Louis Antique Lighting Co. Steven Handelman Studios Wiemann Ironworks

#### Interior Lighting, Floor Lamps

**Archistoric Products Authentic Designs** Ball & Ball Lighting Coppersmythe, Josiah R. Crenshaw Lighting Federalist, The Lantern Masters, Inc. Mica Lamp Co. Neumann Studios Olde Mill Lighting, Ltd. Rejuvenation Remains Lighting Signature Hardware Steven Handelman Studios

#### Interior Lighting, Historical Reproductions

AAMSCO Lighting, Inc. Archistoric Products **Authentic Designs** Ball & Ball Lighting Coppersmythe, Josiah R. Craft Metal Products, Inc. Craftsmen Hardware Co. Crenshaw Lighting Customlightstyles.com Deep Landing Workshop Faubourg Lighting Federalist, The Fine Architectural Metalsmiths Heritage Lanterns Lantern Masters, Inc. Lighting by Hammerworks Maguire Iron Corp. Mica Lamp Co. Newstamp Lighting Co. Nowell's, Inc. Old California Lantern Co. Olde Mill Lighting, Ltd. Rambusch Lighting Co. Rejuvenation Remains Lighting Richard Scofield Historic Lighting St. Louis Antique Lighting Co. Steven Handelman Studios

#### **Interior Lighting, Lanterns Authentic Designs**

Ball & Ball Lighting Coppersmythe, Josiah R. Craft Metal Products, Inc. Craftsmen Hardware Co. Crenshaw Lighting Customlightstyles.com Deep Landing Workshop Distinguished Home Lighting, Ltd. Faubourg Lighting Federalist, The Fine Architectural Metalsmiths Heritage Lanterns Lantern Masters, Inc. Lighting by Hammerworks Maguire Iron Corp. Mica Lamp Co. **Neumann Studios** Newstamp Lighting Co. Nowell's, Inc. Old California Lantern Co. Olde Mill Lighting, Ltd. Rambusch Lighting Co. Remains Lighting Richard Scofield Historic Lighting Signature Hardware St. Louis Antique Lighting Co. Steven Handelman Studios

#### **Interior Lighting, Pendants** AAMSCO Lighting, Inc.

**Archistoric Products Authentic Designs** Ball & Ball Lighting Coppersmythe, Josiah R. Craft Metal Products, Inc. Craftsmen Hardware Co. Crenshaw Lighting Customlightstyles.com Deep Landing Workshop Federalist, The Fine Architectural Metalsmiths Heritage Lanterns Lantern Masters, Inc. Lighting by Hammerworks Mica Lamp Co. Neumann Studios Newstamp Lighting Co. Nowell's, Inc. Old California Lantern Co. Rambusch Lighting Co. Rejuvenation Remains Lighting Scottsdale Art Factory Signature Hardware St. Louis Antique Lighting Co. Steven Handelman Studios

#### Interior Lighting, Sconces

AAMSCO Lighting, Inc. **Archistoric Products Authentic Designs** Ball & Ball Lighting Coppersmythe, Josiah R. Craft Metal Products, Inc. Craftsmen Hardware Co. Crenshaw Lighting Customlightstyles.com Deep Landing Workshop Distinguished Home Lighting, Ltd. Federalist, The Fine Architectural Metalsmiths Heritage Lanterns Lantern Masters, Inc. Lighting by Hammerworks Maguire Iron Corp. Mica Lamp Co. Neumann Studios Newstamp Lighting Co. Nowell's, Inc. Old California Lantern Co. Olde Mill Lighting, Ltd. Rambusch Lighting Co. Rejuvenation Remains Lighting Richard Scofield Historic Lighting Signature Hardware St. Louis Antique Lighting Co.

#### **Interior Lighting, Table Lamps**

Steven Handelman Studios

**Archistoric Products Authentic Designs** Ball & Ball Lighting Coppersmythe, Josiah R. Craft Metal Products, Inc. Craftsmen Hardware Co. Crenshaw Lighting Federalist, The Guerin, P.E. Mica Lamp Co. Neumann Studios Newstamp Lighting Co. Olde Mill Lighting, Ltd. Rejuvenation Remains Lighting Signature Hardware St. Louis Antique Lighting Co. Steven Handelman Studios

#### Lampposts & Standards

Ball & Ball Lighting Bevolo Gas & Electric Lights

Coppersmythe, Josiah R. Customlightstyles.com Federalist, The Herwig Lighting Lake Shore Industries, Inc. Lantern Masters, Inc. Lighting by Hammerworks Schiff Architectural Detail Sternberg Lighting Texas Metal Industries, Inc.

#### **Landscape Lighting**

See Exterior Lighting, Landscape

#### **Light Bulbs, Antique Reproductions**

AAMSCO Lighting, Inc. Classic Accents, Inc. Rejuvenation

#### Lighting Fixture Glass, Antique Original

Aurora Mills Architectural Salvage Michael Davis Stained Glass Otteson Co. Rejuvenation Saint-Jacques Artisans Workshops

#### **Lighting Fixture Glass, Custom**

Glass Source Herwig Lighting Lehmann Glass Studio Michael Davis Stained Glass Neumann Studios Otteson Co. Steven Handelman Studios Williams Stained Glass

#### Lighting Fixture Glass, Historical Replicas

Craft Metal Products, Inc. Lehmann Glass Studio Michael Davis Stained Glass Neumann Studios Otteson Co. Rejuvenation St. Louis Antique Lighting Co.

#### **Lighting Fixture Parts**

Herwig Lighting

#### Lighting Fixtures, Exterior

See Exterior Lighting

#### **Lighting Fixtures, Interior**

See Interior Lighting

#### **Lighting System Design**

Architectural Area Lighting, Inc. St. Louis Antique Lighting Co.

#### **Switch Plates**

Craftsmen Hardware Co. Crown City Hardware Co. **Custom Home Accessories** House of Antique Hardware Maguire Iron Corp. Rejuvenation Signature Hardware Van Dyke's Restorers

#### Switches, Push Button

Classic Accents, Inc. House of Antique Hardware Rejuvenation Signature Hardware

#### Mantels, Fireplaces & Chimneys

#### **Chimney Fans**

Exhausto, Inc.

#### **Chimney Pots**

Jack Arnold - European Copper No 9 Studio UK

#### **Fire Grates**

Authentic Provence, Inc. Mantels Direct

#### **Fireplace Inserts**

Authentic Provence, Inc. Mantels Direct

#### Fireplace Screens & Tools

**European Iron Works** Historical Arts & Casting, Inc. John F. Graney Metal Design, LLC Kayne & Son Custom Hardware, Inc. Steven Handelman Studios

#### **Fireplace Surrounds**

See Mantels

#### Fireplaces, Stone

A&M Victorian Decorations, Inc. Architectural Stone Masonry **DMS Studios** Dreamcatcher Imports, Inc. Village Restorations & Consulting, Inc.

#### Mantels, Antique Original

Architectural Heritage, Inc. Aurora Mills Architectural Salvage Brandt, Sylvan Carlson's Barnwood Co.

#### **Mantels, Carved Stone**

A&M Victorian Decorations, Inc. Architectural Stone Masonry Authentic Provence, Inc. **DMS Studios** Dreamcatcher Imports, Inc. Gerald Siciliano Studio Design Associates Mantels Direct Saint-Jacques Artisans Workshops Stone Decora Traditional Cut Stone, Ltd.

#### Mantels, Carved Wood

A&M Victorian Decorations, Inc. Agrell Architectural Carving Ltd. Cumberland Woodcraft Co. Federalist, The Goodwin Associates Khechoyan's Carvings & Tools, LLC Manor Style, Inc. Mantels Direct White River Hardwoods-Woodworks

#### **Mantels, Cast Stone**

A&M Victorian Decorations, Inc. Cantera Especial Canterland of Mexico Dreamcatcher Imports, Inc. Haddonstone (USA), Ltd. Mantels Direct **Premier Mantles** Stone Decora

#### **Mantels, Custom**

A&M Victorian Decorations, Inc. Agrell Architectural Carving Ltd. Authentic Provence, Inc. Champlain Stone, Ltd. Cumberland Woodcraft Co. **DMS Studios** Federalist The Felber Ornamental Plastering Corp. Forshaw of St. Louis, Inc. Gerald Siciliano Studio Design Associates Khechoyan's Carvings & Tools, LLC Mantels Direct **Premier Mantles** Steptoe & Wife Antiques Ltd. Vetrazzo, LLC

#### Mantels, Metal

Dreamcatcher Imports, Inc.

Forshaw of St. Louis, Inc. Historical Arts & Casting, Inc.

#### Mantels, Plaster

A&M Victorian Decorations, Inc. Decorators Supply Corp. Felber Ornamental Plastering Corp. Forshaw of St. Louis, Inc. **Goodwin Associates** 

#### Mantels, Resin/Stone

Forshaw of St. Louis, Inc. Vetrazzo, LLC

#### Mantels, Stone

A&M Victorian Decorations, Inc. Architectural Stone Masonry Authentic Provence, Inc. Cantera Especial Canterland of Mexico Champlain Stone, Ltd. **DMS Studios** Dreamcatcher Imports, Inc. Federalist, The Forshaw of St. Louis, Inc. Gerald Siciliano Studio Design Associates Stone Decora

#### Mantels, Wood

A&M Victorian Decorations, Inc. Agrell Architectural Carving Ltd. Brandt, Sylvan Cumberland Woodcraft Co. Decorators Supply Corp. Forshaw of St. Louis, Inc. Goodwin Associates Iowa Barn Savers **Premier Mantles** Vintage Woodworks

#### **Stove Paint**

Fine Architectural Metalsmiths

#### Stoves, Antique Original

Good Time Stove Co.

## Metalwork

### **Balustrades, Metal**

See Section 6

#### **Cast Metalwork, Custom Casting**

Allen Architectural Metals, Inc. Architectural Iron Co. Ball & Ball Hardware De Groot Historical Restoration, Inc. DeAngelis Iron Work, Inc. Fine Architectural Metalsmiths Florentine Craftsmen, Inc. Historical Arts & Casting, Inc. Kenneth Lynch & Sons, Inc. Michigan Ornamental Metals New Star Brass & Bronze Works, Inc. O.K. Foundry Co., Inc. Robinson Iron Corp. Saint-Jacques Artisans Workshops Schiff Architectural Detail Steptoe & Wife Antiques Ltd Texas Metal Industries, Inc. Wiemann Ironworks

#### Cast Metalwork, Standard Designs

Architectural Iron Co. Craftsmen Hardware Co. Frank Morrow Co. King Architectural Metals **Liberty Ornamental Products** Pinch of the Past Steptoe & Wife Antiques Ltd. Texas Metal Industries, Inc. The Wagner Companies

#### **Epoxies for Metal Repair**

See Metal Repair Materials

#### **Fabricated Metalwork, Custom**

Allen Architectural Metals, Inc. Architectural Iron Co. Ball & Ball Hardware **C&J Metal Products** Campbellsville Industries, Inc. Colorado Waterjet Co. Craftsmen Hardware Co. De Groot Historical Restoration, Inc. DeAngelis Iron Work, Inc. European Iron Works Fine Architectural Metalsmiths Historical Arts & Casting, Inc. John F. Graney Metal Design, LLC Kayne & Son Custom Hardware, Inc. Michigan Ornamental Metals **New Concept Louvers** New Star Brass & Bronze Works, Inc. NIKO Contracting Co., Inc. Ornametals, LLC Robinson Iron Corp. **Rutland Gutter Supply** Saint-Jacques Artisans Workshops Schiff Architectural Detail Schwartz's Forge & Metalworks, Inc. Steptoe & Wife Antiques Ltd. Wiemann Ironworks

#### **Fabricated Metalwork, Standard Designs**

Ball & Ball Hardware Campbellsville Industries, Inc. Craftsmen Hardware Co. D.J.A. Imports, Ltd. Fine Architectural Metalsmiths Frank Morrow Co. Kayne & Son Custom Hardware, Inc. King Architectural Metals Liberty Ornamental Products **New Concept Louvers** New Star Brass & Bronze Works, Inc. Schiff Architectural Detail Steptoe & Wife Antiques Ltd. Texas Metal Industries, Inc. The Wagner Companies

#### Fasteners, Metal

The Wagner Companies Tremont Nail Co.

#### **Fencing**

See Section 9

#### Forged Metalwork, Custom

Ball & Ball Hardware De Groot Historical Restoration, Inc. DeAngelis Iron Work, Inc. European Iron Works Fagan's Forge Fine Architectural Metalsmiths John F. Graney Metal Design, LLC Kayne & Son Custom Hardware, Inc. Kenneth Lynch & Sons, Inc. Saint-Jacques Artisans Workshops Schwartz's Forge & Metalworks, Inc. Steven Handelman Studios Wiemann Ironworks

#### Forged Metalwork, Standard Designs

D.J.A. Imports, Ltd. Fagan's Forge Fine Architectural Metalsmiths Haddonstone (USA), Ltd. Kayne & Son Custom Hardware, Inc. King Architectural Metals Texas Metal Industries, Inc. The Wagner Companies Wiemann Ironworks

#### Gates

See Section 9

G

#### **Grilles, Cast Metal**

Acorn Forged Iron
Allen Architectural Metals, Inc.
DeAngelis Iron Work, Inc.
Heat Registers.com
Historical Arts & Casting, Inc.
House of Antique Hardware
New Star Brass & Bronze Works, Inc.
Reggio Register Co., The
Robinson Iron Corp.
Schiff Architectural Detail
Steptoe & Wife Antiques Ltd.
Texas Metal Industries, Inc.
Wiemann Ironworks

#### **Grilles, Forged Metal**

Colorado Waterjet Co.
D.J.A. Imports, Ltd.
DeAngelis Iron Work, Inc.
European Iron Works
Fine Architectural Metalsmiths
Heat Registers.com
House of Antique Hardware
John F. Graney Metal Design, LLC
Kayne & Son Custom Hardware, Inc.
Maguire Iron Corp.
New Star Brass & Bronze Works, Inc.
Steptoe & Wife Antiques Ltd.
Steven Handelman Studios
Wiemann Ironworks

#### **Grilles, Metal Plate**

Architectural Grille
Architectural Iron Co.
Colorado Waterjet Co.
Craftsmen Hardware Co.
DeAngelis Iron Work, Inc.
Heat Registers.com
Kees Architectural Division
New Star Brass & Bronze Works, Inc.
Wiemann Ironworks

#### **Grilles, Sheet Metal**

Architectural Grille
Architectural Iron Co.
Craftsmen Hardware Co.
Heat Registers.com
Kees Architectural Division
Monarch Products Co.
Wiemann Ironworks

#### **Metal Coatings**

Historical Arts & Casting, Inc. Texas Metal Industries, Inc.

#### Metal Components, Cast & Forged

Architectural Iron Co. Frank Morrow Co. Schiff Architectural Detail Wiemann Ironworks

#### **Metal Repair & Restoration Services**

Allen Architectural Metals, Inc.
Architectural Iron Co.
Ball & Ball Hardware
DeAngelis Iron Work, Inc.
European Iron Works
Fagan's Forge
Florentine Craftsmen, Inc.
Historical Arts & Casting, Inc.
John F. Graney Metal Design, LLC
Modern Art Foundry
Robinson Iron Corp.
Saint-Jacques Artisans Workshops
Wiemann Ironworks

#### **Patinas**

See Metal Coatings

#### **Plaques**

See Signage in Section 9

#### **Radiator Covers**

See Section 13

#### Railings, Cast Metal

Allen Architectural Metals, Inc.
Architectural Iron Co.
Campbellsville Industries, Inc.
DeAngelis Iron Work, Inc.
Dreamcatcher Imports, Inc.
Historical Arts & Casting, Inc.
New Star Brass & Bronze Works, Inc.
Robinson Iron Corp.
Schiff Architectural Detail
Steptoe & Wife Antiques Ltd.
Wiemann Ironworks

#### **Railings, Custom**

Architectural Iron Co.
Colorado Waterjet Co.
DeAngelis Iron Work, Inc.
European Iron Works
Fine Architectural Metalsmiths
Historical Arts & Casting, Inc.
John F. Graney Metal Design, LLC
New Star Brass & Bronze Works, Inc.
Saint-Jacques Artisans Workshops
Schwartz's Forge & Metalworks, Inc.
Sterling Staircase & Handrail
Wiemann Ironworks

#### Railings, Forged Metal

D.J.A. Imports, Ltd.
DeAngelis Iron Work, Inc.
European Iron Works
Fine Architectural Metalsmiths
John F. Graney Metal Design, LLC
New Star Brass & Bronze Works, Inc.
Schwartz's Forge & Metalworks, Inc.
Scottsdale Art Factory
Steptoe & Wife Antiques Ltd.
The Wagner Companies
Wiemann Ironworks

#### Railings, Standard Elements

Architectural Iron Co.
D.J.A. Imports, Ltd.
Liberty Ornamental Products
New Star Brass & Bronze Works, Inc.
Texas Metal Industries, Inc.
The Wagner Companies
Wiemann Ironworks

#### Registers, Cast Metal

Allen Architectural Metals, Inc.
Heat Registers.com
Historical Arts & Casting, Inc.
House of Antique Hardware
Reggio Register Co., The
Rejuvenation
Robinson Iron Corp.
Schiff Architectural Detail
Signature Hardware
Texas Metal Industries, Inc.
Wiemann Ironworks

#### Registers, Metal Plate

Architectural Grille
Colorado Waterjet Co.
Heat Registers.com
Kees Architectural Division
Rejuvenation
Signature Hardware

#### Registers, Sheet Metal

Architectural Grille
Colorado Waterjet Co.
Heat Registers.com
Kees Architectural Division
Signature Hardware

### Sheet-Metal Ornament, Custom

Architectural Grille
C&J Metal Products
Campbellsville Industries, Inc.
Michigan Ornamental Metals
NIKO Contracting Co., Inc.

Ornametals, LLC Rutland Gutter Supply

#### **Sheet-Metal Ornament, Standard Designs**

C&J Metal Products Campbellsville Industries, Inc. Frank Morrow Co.

#### **Sheet Metal, Architectural**

Campbellsville Industries, Inc. EJMcopper, Inc. NIKO Contracting Co., Inc. Ornametals, LLC Saint-Jacques Artisans Workshops

#### Stair Balustrades, Cast Metal

Allen Architectural Metals, Inc.
Architectural Iron Co.
DeAngelis Iron Work, Inc.
Dreamcatcher Imports, Inc.
Historical Arts & Casting, Inc.
King Architectural Metals
New Star Brass & Bronze Works, Inc.
Robinson Iron Corp.
Schiff Architectural Detail
Steptoe & Wife Antiques Ltd.
Texas Metal Industries, Inc.

#### Stair Balustrades, Custom

Architectural Iron Co.
DeAngelis Iron Work, Inc.
European Iron Works
John F. Graney Metal Design, LLC
New Star Brass & Bronze Works, Inc.
Schiff Architectural Detail
Schwartz's Forge & Metalworks, Inc.

#### Stair Balustrades, Forged Metal

Architectural Iron Co.
D.J.A. Imports, Ltd.
DeAngelis Iron Work, Inc.
European Iron Works
John F. Graney Metal Design, LLC
King Architectural Metals
New Star Brass & Bronze Works, Inc.
Schwartz's Forge & Metalworks, Inc.
Steptoe & Wife Antiques Ltd.
Texas Metal Industries, Inc.
The Wagner Companies

#### Stair Balustrades, Standard Elements

Architectural Iron Co.
D.J.A. Imports, Ltd.
Liberty Ornamental Products
Texas Metal Industries, Inc.
The Wagner Companies

#### Stair Handrails, Cast Metal

Allen Architectural Metals, Inc.
Architectural Iron Co.
Historical Arts & Casting, Inc.
King Architectural Metals
New Star Brass & Bronze Works, Inc.
Robinson Iron Corp.
Schiff Architectural Detail
Texas Metal Industries, Inc.
The Wagner Companies

#### Stair Handrails, Custom

Allen Architectural Metals, Inc.
Architectural Iron Co.
DeAngelis Iron Work, Inc.
European Iron Works
Fine Architectural Metalsmiths
Historical Arts & Casting, Inc.
John F. Graney Metal Design, LLC
New Star Brass & Bronze Works, Inc.
Robinson Iron Corp.
Schiff Architectural Detail
Schwartz's Forge & Metalworks, Inc.

#### Stair Handrails, Forged Metal

D.J.A. Imports, Ltd.
DeAngelis Iron Work, Inc.

European Iron Works
Fine Architectural Metalsmiths
John F. Graney Metal Design, LLC
King Architectural Metals
New Star Brass & Bronze Works, Inc.
Schwartz's Forge & Metalworks, Inc.
The Wagner Companies

#### Stair Handrails, Standard Elements

Architectural Iron Co.
D.J.A. Imports, Ltd.
Fine Architectural Metalsmiths
King Architectural Metals
Liberty Ornamental Products
New Star Brass & Bronze Works, Inc.
Steptoe & Wife Antiques Ltd.
Texas Metal Industries, Inc.
The Wagner Companies

#### Stairs, Curved

DeAngelis Iron Work, Inc. European Iron Works Historical Arts & Casting, Inc. John F. Graney Metal Design, LLC Liberty Ornamental Products Schwartz's Forge & Metalworks, Inc.

#### Stairs, Custom

Allen Architectural Metals, Inc.
Circle Redmont, Inc.
DeAngelis Iron Work, Inc.
European Iron Works
Goddard Mfg. Co.
Historical Arts & Casting, Inc.
John F. Graney Metal Design, LLC
Liberty Ornamental Products
Robinson Iron Corp.
Saint-Jacques Artisans Workshops
Schiff Architectural Detail
Schwartz's Forge & Metalworks, Inc.

#### Stairs, Kits

Liberty Ornamental Products Steptoe & Wife Antiques Ltd.

#### Stairs, Monumental

Schwartz's Forge & Metalworks, Inc.

#### Stairs, Spiral

Circle Redmont, Inc.

DeAngelis Iron Work, Inc.

Goddard Mfg. Co.

Historical Arts & Casting, Inc.

Liberty Ornamental Products

Schwartz's Forge & Metalworks, Inc.

Steptoe & Wife Antiques Ltd.

#### Stairs, Straight

Circle Redmont, Inc.
DeAngelis Iron Work, Inc.
European Iron Works
Historical Arts & Casting, Inc.
John F. Graney Metal Design, LLC
Liberty Ornamental Products
Schwartz's Forge & Metalworks, Inc.
Steptoe & Wife Antiques Ltd.

#### **Wrought Metalwork**

See Forged Metalwork



#### **Bathroom Accessories**

Craftsmen Hardware Co.
Decorated Porcelain Company
Rejuvenation
Signature Hardware
Van Dyke's Restorers
Vetrazzo, LLC

#### **Bathroom Sinks, Antique Original**

Aurora Mills Architectural Salvage Bathroom Machineries, DEA

#### **Bathroom Sinks, Fittings & Parts**

Bathroom Machineries, DEA Signature Hardware

#### **Bathroom Sinks, Historical Replicas**

Bathroom Machineries, DEA

#### **Bathroom Sinks, Traditional Adaptations**

Bathroom Machineries, DEA Signature Hardware

#### **Bathtub Refinishing**

See Porcelain Refinishing

#### **Bathtubs, Antique Original**

Aurora Mills Architectural Salvage Bathroom Machineries, DEA

#### **Bathtubs, Fittings & Parts**

Bathroom Machineries, DEA Signature Hardware Van Dyke's Restorers

#### **Bathtubs, Historical Replicas**

Bathroom Machineries, DEA Signature Hardware

#### **Bathtubs, Traditional Adaptations**

Bathroom Machineries, DEA Van Dyke's Restorers

#### Faucets & Fittings, Antique Original

Bathroom Machineries, DEA

#### Faucets & Fittings, Historical Replicas

Bathroom Machineries, DEA

#### Faucets & Fittings, Traditional Adaptations

Bathroom Machineries, DEA Signature Hardware Van Dyke's Restorers

#### Kitchen Cabinets, Custom

Country Road Associates, Ltd.

#### Kitchen Equipment

Vetrazzo, LLC

#### Kitchen Sinks, Antique Original

Aurora Mills Architectural Salvage Bathroom Machineries, DEA

#### Kitchen Sinks, Fittings & Parts

Bathroom Machineries, DEA Signature Hardware

#### **Kitchen Sinks, Traditional Adaptations**

Signature Hardware

#### **Plumbing Parts, Antique Original**

Aurora Mills Architectural Salvage Bathroom Machineries, DEA

#### Plumbing Parts, Historical Replicas

Bathroom Machineries, DEA

#### **Plumbing Parts, Traditional Adaptations**

Bathroom Machineries, DEA Signature Hardware

#### **Porcelain Refinishing**

Bathroom Machineries, DEA

#### **Radiator Covers**

Architectural Grille Kees Architectural Division Monarch Products Co.

#### Radiators, Antique & Salvaged

Aurora Mills Architectural Salvage

#### Registers, Metal

See Section 12

#### Registers, Wood

See Section 20

#### **Shower Parts, Antique Original**

Aurora Mills Architectural Salvage Bathroom Machineries, DEA

#### **Shower Parts, Historical Replicas**

Bathroom Machineries, DEA

#### **Shower Parts, Traditional Adaptations**

Bathroom Machineries, DEA Signature Hardware

#### **Showerheads**

Bathroom Machineries, DEA Signature Hardware

#### Sinks, Bathroom

See Bathroom Sinks

#### Sinks, Kitchen

See Kitchen Sinks

#### **Toilets, Antique Original**

Aurora Mills Architectural Salvage Bathroom Machineries, DEA

#### Toilets, Historical Replicas

Bathroom Machineries, DEA

#### **Toilets, Traditional Adaptations**

Bathroom Machineries, DEA Signature Hardware

#### **Wine Cellars, Accessories**

Glass Source

# Professional Services

#### **Books & Publications**

Historical Arts & Casting, Inc. PRG, Inc.

#### **Building Documentation**

Building Conservation Associates Iowa Barn Savers Restoric, LLC

#### **Conservation Services, Architectural**

Building Conservation Associates
De Groot Historical Restoration, Inc.
Kronenberger & Sons Restoration
Nicholson & Galloway
Restoric, LLC
Watertrol, Inc.

#### **Conservation Services, Art**

Building Conservation Associates
Canning Studios
Conrad Schmitt Studios, Inc.
Designs in Tile
EverGreene Painting Studios, Inc.
John Tiedemann, Inc.
Modern Art Foundry

#### **Conservation Services, Mosaics**

Building Conservation Associates
Canning Studios
Conrad Schmitt Studios, Inc.
Designs in Tile
EverGreene Painting Studios, Inc.
John Tiedemann, Inc.

#### **Conservation Services, Sculpture**

Art Casting of Illinois, Inc. Building Conservation Associates Conrad Schmitt Studios, Inc.

De Groot Historical Restoration, Inc.

DMS Studios

Gerald Siciliano Studio Design Associates
John Tiedemann, Inc.

Modern Art Foundry

Saint-Jacques Artisans Workshops

#### **Contracting Services**

See appropriate divisions

#### **Historical Preservation Consulting**

Boston Valley Terra Cotta
Building Conservation Associates
Conrad Schmitt Studios, Inc.
De Groot Historical Restoration, Inc.
Gladding, McBean - Div. of Pacific
Coast Bldg.
Historical Arts & Casting, Inc.
John Tiedemann, Inc.
Kronenberger & Sons Restoration
PRG, Inc.
Restoric, LLC
Village Restorations & Consulting, Inc.
Watertrol, Inc.

#### **Industry & Trade Associations**

NOMMA - National Ornamental & Misc. Metals Assn.

# 15 Roofing & Roof Specialties

#### **Asphalt Shingles, Wood Simulation**

See Wood Shingles, Simulation

#### **Bird- & Pest-Control Products**

Bell Bird Control Bird-X, Inc. Nixalite of America, Inc.

#### **Caulking & Joint Sealants**

SnoBlox, Inc.

#### Cresting

Allen Architectural Metals, Inc.
Architectural Iron Co.
DeAngelis Iron Work, Inc.
Heather & Little, Ltd.
Historical Arts & Casting, Inc.
Ornametals, LLC
Robinson Iron Corp.
Steptoe & Wife Antiques Ltd.
Texas Metal Industries, Inc.

#### **Cupolas, Custom**

Annapolis Weathervanes and Cupolas Architectural Fiberglass Corp.
Cape Cod Cupola Co.
EJMcopper, Inc.
Fiberglass Specialties, Inc.
Heather & Little, Ltd.
Historical Arts & Casting, Inc.
New Concept Louvers
Nicholson & Galloway
NIKO Contracting Co., Inc.
Rutland Gutter Supply
Tanglewood Conservatories

#### **Cupolas, Fabricated Metal**

C&J Metal Products
Campbellsville Industries, Inc.
Heather & Little, Ltd.
Historical Arts & Casting, Inc.
New Concept Louvers
NIKO Contracting Co., Inc.
Ornametals, LLC
Rutland Gutter Supply
Tanglewood Conservatories

#### Cupolas, Fiberglass

Architectural Fiberglass Corp. Fiberglass Specialties, Inc.

#### **Cupolas, Sheet Metal**

C&J Metal Products
EJMcopper, Inc.
Heather & Little, Ltd.
Michigan Ornamental Metals
New Concept Louvers
NIKO Contracting Co., Inc.
Ornametals, LLC
Tanglewood Conservatories

#### **Cupolas, Standard Designs**

Annapolis Weathervanes and Cupolas Campbellsville Industries, Inc. Custom Home Accessories, Inc. New Concept Louvers Tanglewood Conservatories

#### Cupolas, Wood

Annapolis Weathervanes and Cupolas Cape Cod Cupola Co. Custom Home Accessories, Inc. Tanglewood Conservatories Vermont Timber Works, Inc.

#### Domes, Glass

Neumann Studios
Oak Leaf Conservatories of York
Reflection Studios

#### Domes, Metal

C&J Metal Products
Campbellsville Industries, Inc.
Heather & Little, Ltd.
Historical Arts & Casting, Inc.
Michigan Ornamental Metals
Nicholson & Galloway
NIKO Contracting Co., Inc.
Ornametals, LLC
Rutland Gutter Supply

Boston Valley Terra Cotta

#### **Finials**

**C&J Metal Products** Campbellsville Industries, Inc. Cape Cod Cupola Co. Custom Home Accessories, Inc. ElMcopper, Inc. Gladding, McBean - Div. of Pacific Coast Bldg. Goodwin Associates Haddonstone (USA), Ltd. Heather & Little, Ltd. Historical Arts & Casting, Inc. Michigan Ornamental Metals **New Concept Louvers** NIKO Contracting Co., Inc. No 9 Studio UK Ornametals, LLC **Rutland Gutter Supply** Vande Hey Raleigh Mfg. W.F. Norman Corp.

#### Flashing

Chris Industries, Inc. New Concept Louvers NIKO Contracting Co., Inc.

#### **Glass Domes**

See Domes

#### **Gutter Chains**

Classic Gutter Systems, LLC New Concept Louvers Park City Rain Gutter Rutland Gutter Supply

#### **Gutter Hangers**

Chris Industries, Inc.
Classic Gutter Systems, LLC
Hendricks Tile
Ornametals, LLC
Park City Rain Gutter
Rutland Gutter Supply

#### **Gutters, Historical Replicas**

Architectural Fiberglass Corp. **C&J Metal Products** EJMcopper, Inc. Heather & Little, Ltd. Historical Arts & Casting, Inc. NIKO Contracting Co., Inc. Ornametals, LLC Park City Rain Gutter **Rutland Gutter Supply** Vande Hey Raleigh Mfg.

#### **Gutters, Metal**

**C&J Metal Products** Chris Industries, Inc. Classic Gutter Systems, LLC Historical Arts & Casting, Inc. Michigan Ornamental Metals NIKO Contracting Co., Inc. Ornametals, LLC Park City Rain Gutter **Rutland Gutter Supply** 

#### **Leaders & Leader Boxes**

**C&J Metal Products** Chris Industries, Inc. Classic Gutter Systems, LLC EJMcopper, Inc. Heather & Little, Ltd. Historical Arts & Casting, Inc. Michigan Ornamental Metals **New Concept Louvers** NIKO Contracting Co., Inc. Ornametals, LLC Park City Rain Gutter **Rutland Gutter Supply** 

#### Louvers

See Vents

#### Metal Roofing, Sheet Metal

See Sheet-Metal Roofing

#### **Metal Roofing, Shingles**

Conklin Metal Industries Heather & Little, Ltd. NIKO Contracting Co., Inc. Ornametals, LLC

#### **Roof Repair Contracting**

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

#### **Roof Vents & Louvers**

See Vents

#### **Sheet-Metal Roofing, Aluminum**

Campbellsville Industries, Inc. Chris Industries, Inc. NIKO Contracting Co., Inc. Petersen Aluminum Corp.

#### Sheet-Metal Roofing, Copper & **Coated Copper**

Chris Industries, Inc. NIKO Contracting Co., Inc. Ornametals, LLC W.F. Norman Corp

#### **Sheet-Metal Roofing, Galvanized Steel**

Chris Industries, Inc. NIKO Contracting Co., Inc.

#### **Sheet-Metal Roofing, Lead**

W.F. Norman Corp.

#### **Sheet-Metal Roofing, Stainless Steel**

NIKO Contracting Co., Inc.

#### **Sheet-Metal Roofing, Steel**

Chris Industries, Inc. NIKO Contracting Co., Inc. Petersen Aluminum Corp.

#### **Sheet-Metal Roofing, Terne Family**

NIKO Contracting Co., Inc.

#### **Sheet-Metal Roofing, Zinc**

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

#### **Sheet Metal, Architectural**

See Section 12

#### **Skylights**

Circle Redmont, Inc. Classy Glass Structures Historical Arts & Casting, Inc. Renaissance Conservatories **Tanglewood Conservatories** Town & Country Conservatories

#### **Slate Replicas, Composites**

Inspire Roofing Products NIKO Contracting Co., Inc. Vande Hey Raleigh Mfg.

#### **Slate Replicas, Concrete**

NIKO Contracting Co., Inc. Vande Hey Raleigh Mfg.

#### **Slate Replicas, Fiber Cement**

Tile Roofs, Inc.

#### **Slate Roofing, Color Matching**

American Slate Company

#### Slate Roofing, New

American Slate Company Dreamcatcher Imports, Inc. NIKO Contracting Co., Inc. Tile Roofs, Inc.

#### Slate Roofing, Salvaged

Tile Roofs, Inc. Vande Hey Raleigh Mfg.

#### **Snowguards**

AlpineSnowGuards.com Architectural Iron Co. East Coast Roof Specialties Historical Arts & Casting, Inc. NIKO Contracting Co., Inc. SnoBlox, Inc. Vande Hey Raleigh Mfg.

#### Thatch, Natural

Bamboo & Rattan Works, Inc.

#### Tile Roofing, Clay

Boston Valley Terra Cotta Dreamcatcher Imports, Inc. Gladding, McBean - Div. of Pacific Coast Bldg. Keymer Tiles Nicholson & Galloway NIKO Contracting Co., Inc. No 9 Studio UK Tile Roofs, Inc.

#### **Tile Roofing, Concrete**

Dreamcatcher Imports, Inc. Hendricks Tile NIKO Contracting Co., Inc. Tile Roofs, Inc. Vande Hey Raleigh Mfg.

#### **Tile Roofing, Custom Colors & Shapes**

Boston Valley Terra Cotta Gladding, McBean - Div. of Pacific Coast Bldg. Vande Hey Raleigh Mfg.

#### Tile Roofing, Salvaged

Tile Roofs, Inc. Vande Hey Raleigh Mfg.

#### Vents

EJMcopper, Inc. New Concept Louvers NIKO Contracting Co., Inc.

#### **Waterproofing Materials**

Boston Valley Terra Cotta Gladding, McBean - Div. of Pacific Coast Bldg.

#### Weathervanes, Custom

Annapolis Weathervanes and Cupolas Architectural Iron Co. Cape Cod Cupola Co. Eder Flag Mfg. Co., Inc. Haddonstone (USA), Ltd. Historical Arts & Casting, Inc. Kayne & Son Custom Hardware, Inc. Kenneth Lynch & Sons, Inc. New Concept Louvers NIKO Contracting Co., Inc. Ornametals, LLC **Rutland Gutter Supply** 

#### Weathervanes, Standard Designs

Annapolis Weathervanes and Cupolas Cape Cod Cupola Co. Custom Home Accessories, Inc. Eder Flag Mfg. Co., Inc. Haddonstone (USA), Ltd. Kenneth Lynch & Sons, Inc. New Concept Louvers Ornametals, LLC Wright Co., John

#### Wood Shingles, Machine Sawn

Vintage Woodworks

#### **Wood Shingles, Simulation**

Vande Hey Raleigh Mfg.

#### **Salvaged Materials** & Antiques

#### **Architectural Antiques & Salvage**

Architectural Heritage, Inc. Aurora Mills Architectural Salvage Board and Beam Brandt, Sylvan Carlson's Barnwood Co. Cross Creek Architectural Salvage Eagle Creek Designs, Inc. House of Antique Hardware Maurice Chandelier Pinch of the Past

#### **Barn Siding, Antique**

Aurora Mills Architectural Salvage Authentic Wood Floors, Inc. Board and Beam Brandt, Sylvan Carlson's Barnwood Co. Chestnut Specialists, Inc. Conklin's Authentic Barnwood Country Road Associates, Ltd. Eagle Creek Designs, Inc. Iowa Barn Savers Longleaf Lumber, LLC Longwood Antique Woods Maine Mountain Post & Beam

#### Barns, Antique & Salvaged

See Section 18

#### **Bathtubs, Antique Original**

See Section 13

#### **Brick, Salvaged**

Brandt, Sylvan Carlson's Barnwood Co. Eagle Creek Designs, Inc.

#### **Building Materials, Salvaged**

Architectural Heritage, Inc. Aurora Mills Architectural Salvage Authentic Wood Floors, Inc. Board and Beam Carlson's Barnwood Co. Conklin's Authentic Barnwood Eagle Creek Designs, Inc. Iowa Barn Savers Kronenberger & Sons Restoration Longleaf Lumber, LLC Pinch of the Past Village Restorations & Consulting, Inc.

#### Columns & Capitals, Antique Original

See Section 2

#### **Faucets, Antique Original**

See Faucets & Fittings, Antique Original, in Section 13

#### **Fencing, Antique Original**

See Section 9

#### **Gates, Antique Original**

See Section 9

#### Glass, Antique Original

Brandt, Sylvan Eve Guinan Design Neumann Studios

#### **Green Building Products**

Aurora Mills Architectural Salvage Conklin's Authentic Barnwood Longleaf Lumber, LLC

#### Hardware, Antique Original

See Section 4

### **Lighting Fixtures, Antique Original**

See Section 10

#### Log Buildings, Antique & Salvaged Eagle Creek Designs, Inc.

#### **Mantels, Antique Original** See Section 11

### **Plumbing Parts, Antique Original**

See Section 13

#### Salvaged Buildings

Board and Beam Carlson's Barnwood Co. Iowa Barn Savers Kronenberger & Sons Restoration

#### Sinks, Antique Original

See Section 13

#### Stone, Salvaged

Carlson's Barnwood Co. Eagle Creek Designs, Inc. Iowa Barn Savers Village Restorations & Consulting, Inc.

#### **Timber Frames, Antique & Salvaged**

See Section 18

#### **Timbers, Antique & Salvaged**

Architectural Heritage, Inc. Aurora Mills Architectural Salvage Authentic Wood Floors, Inc. **Board and Beam** Brandt, Sylvan Carlson's Barnwood Co. Chestnut Specialists, Inc. Conklin's Authentic Barnwood Country Road Associates, Ltd. Iowa Barn Savers Kronenberger & Sons Restoration Longleaf Lumber, LLC Longwood Antique Woods

Maine Mountain Post & Beam Village Restorations & Consulting, Inc. What It's Worth

#### Wood Boards, Antique & Salvaged

Architectural Heritage, Inc.
Authentic Wood Floors, Inc.
Board and Beam
Carlson's Barnwood Co.
Chestnut Specialists, Inc.
Conklin's Authentic Barnwood
Country Road Associates, Ltd.
East Teak Fine Hardwoods, Inc.
Iowa Barn Savers
Kronenberger & Sons Restoration
Longleaf Lumber, LLC
Longwood Antique Woods
What It's Worth

#### **Wood Flooring, Antique**

See Section 7



#### Stone, Brick & Masonry

#### **Balustrades**

See Section 6

#### **Brick, Custom**

Belden Brick Co. Old Carolina Brick Co.

#### **Brick, Face**

Belden Brick Co. Old Carolina Brick Co.

#### **Brick, Handmade**

Old Carolina Brick Co.

#### **Brick, Paving**

See Pavers, Brick, in Section 9

#### Brick, Salvaged

See Section 16

#### **Brick, Special Shapes**

Belden Brick Co.
Old Carolina Brick Co.

#### **Cast-Stone Architectural Elements**

See Section 6 for Exterior and Section 8 for Interior

#### **Cast Stone, Custom Casting**

A&M Victorian Decorations, Inc.
Cantera Especial
Canterland of Mexico
Haddonstone (USA), Ltd.
Kenneth Lynch & Sons, Inc.
Lehigh Cement Company, White Cement Div.
Stone Decora
Towne House Restorations

#### **Concrete Colorants**

See Masonry Coloring Materials

#### **Epoxies for Masonry Repair**

See Masonry Repair Materials

#### **Façade Restoration**

See Masonry Restoration Contracting

#### **Joint Protection**

See Mortar Joint Protection

#### **Masonry & Stone Tools**

See Tools, Masonry, and Tools, Stone Carving, in Section 19

#### **Masonry Cleaners**

Abatron, Inc.

#### **Masonry Coloring Materials**

Abatron, Inc.

# Masonry Conservation & Consulting Services

See Conservation Services, Architectural, in Section 14

#### **Masonry Paint Strippers**

Abatron, Inc.

#### **Masonry Repair Materials**

Abatron, Inc.

#### **Masonry Restoration Contracting**

Canning Studios Kronenberger & Sons Restoration Nicholson & Galloway Restoric, LLC Watertrol, Inc.

#### **Masonry Waterproofers**

Weathercap, Inc.

#### **Mortar Joint Protection**

Weathercap, Inc.

#### **Mortar, Custom Mixes**

Graymont Dolime (OH), Inc.

#### **Mortar, Historical Mixes**

Graymont Dolime (OH), Inc.

#### Mortar, Lime

Graymont Dolime (OH), Inc.

#### Mortar, Masonry Patching

See Masonry Repair Materials

#### **Pavers**

See Section 9

#### **Silicate-Based Paints**

See Masonry Coloring Materials

#### **Stone Patching**

See Masonry Repair Materials

#### Stone Paving

See Pavers, Stone, in Section 9

#### **Stone Setting**

See Masonry Restoration Contracting

#### Stone, Building

Champlain Stone, Ltd.
Eagle Creek Designs, Inc.
Village Restorations & Consulting, Inc.

#### Stone, Dimensional Cut

Architectural Stone Masonry Cantera Especial Canterland of Mexico Champlain Stone, Ltd. Rossi USA Corp. Stone Decora Traditional Cut Stone, Ltd.

#### Stone, Hand Carved

Architectural Stone Masonry
Cantera Especial
Canterland of Mexico
Eagle Creek Designs, Inc.
Florentine Craftsmen, Inc.
Gerald Siciliano Studio Design Associates
Rossi USA Corp.
Saint-Jacques Artisans Workshops
Stone Decora
Traditional Cut Stone, Ltd.

#### Stone, Landscape

See Landscape Stone in Section 9

#### Stone, Machine Carved

Canterland of Mexico Champlain Stone, Ltd. Rossi USA Corp. Saint-Jacques Artisans Workshops Stone Decora

#### Stone, Salvaged

See Section 16

#### Stone, Veneer

Champlain Stone, Ltd. Eldorado Stone

#### Stucco Finishes

Graymont Dolime (OH), Inc.

#### **Terra-Cotta Restoration Materials**

Gladding, McBean - Div. of Pacific Coast Bldg. No 9 Studio UK

#### **Terra-Cotta Substitutes**

Architectural Fiberglass Corp. Towne House Restorations

#### Terra Cotta, Clay Based

Boston Valley Terra Cotta Gerald Siciliano Studio Design Associates Gladding, McBean - Div. of Pacific Coast Bldg. No 9 Studio UK

#### **Terra Cotta, Custom Duplication**

Boston Valley Terra Cotta Gladding, McBean - Div. of Pacific Coast Bldg. No 9 Studio UK Towne House Restorations

#### Waterproofing

See Masonry Waterproofers

## 18 Timber Framing & Barns

#### Barns, Antique & Salvaged

Aurora Mills Architectural Salvage
Board and Beam
Carlson's Barnwood Co.
Country Road Associates, Ltd.
Eagle Creek Designs, Inc.
Hugh Lofting Timber Framing, Inc.
Iowa Barn Savers
Kronenberger & Sons Restoration
Maine Mountain Post & Beam
Village Restorations & Consulting, Inc.

#### **Barns, Design Services**

Hugh Lofting Timber Framing, Inc. Maine Mountain Post & Beam

#### Barns, Kits

Country Carpenters, Inc. Hugh Lofting Timber Framing, Inc.

#### Barns, New

Country Carpenters, Inc.
Early New England Homes by
Country Carpenters
Hugh Lofting Timber Framing, Inc.
Kronenberger & Sons Restoration
Liberty Head Post & Beam
Maine Mountain Post & Beam

#### Barns, Plans

Hugh Lofting Timber Framing, Inc.

#### **Insulating Panels**

Extrutech Plastics, Inc.

#### **Timber-Frame Design Services**

FreeState Timbersmiths
Hugh Lofting Timber Framing, Inc.
Liberty Head Post & Beam
Maine Mountain Post & Beam
Timberpeg

#### **Timber-Frame Restoration Contracting**

Eagle Creek Designs, Inc.
FreeState Timbersmiths
Great Northern Barns
Hugh Lofting Timber Framing, Inc.
Iowa Barn Savers
Maine Mountain Post & Beam
Restoric, LLC
Village Restorations & Consulting, Inc.

#### Timber Frames, Antique & Salvaged

Aurora Mills Architectural Salvage
Authentic Wood Floors, Inc.
Carlson's Barnwood Co.
Great Northern Barns
Hugh Lofting Timber Framing, Inc.
Kronenberger & Sons Restoration
Maine Mountain Post & Beam
Village Restorations & Consulting, Inc.

#### **Timber Frames, New**

FreeState Timbersmiths
Great Northern Barns
Hugh Lofting Timber Framing, Inc.
Kronenberger & Sons Restoration
Liberty Head Post & Beam
Maine Mountain Post & Beam
Timberpeg
Vermont Timber Works, Inc.

#### **Timber Trusses**

Authentic Wood Floors, Inc.
Country Road Associates, Ltd.
FreeState Timbersmiths
Great Northern Barns
Hugh Lofting Timber Framing, Inc.
Kronenberger & Sons Restoration
Timberpeg
Vermont Timber Works, Inc.

### Tools & Equipment

# Tools, Masonry Trow & Holden

#### **Tools, Moisture Meters** Lignomat USA, Ltd.

Ligitomat OSA, Ltd.

#### Tools, Stone Carving

Trow & Holden

#### Water-Jet Cutting

Architectural Grille Colorado Waterjet Co. Kees Architectural Division

# **20** Woodwork

#### **Antique Wood**

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

#### **Architectural Millwork**

See Millwork

#### **Balusters**

See Staircase Parts

### See Timbers

Beams

Blinds

See Shutters in Section 4

**Boards, Antique** See Wood Boards, Antique & Salvaged, in Section 16

#### **Boards, Wide**

See Wood Flooring, Wide Board, in Section 7

#### **Brackets**

See Section 6 for Exterior and Section 8 for Interior

#### Cabinets, Custom

Country Road Associates, Ltd. Cumberland Woodcraft Co. Genbrook Millwork Inc. Saint-Jacques Artisans Workshops

#### Cabinets, Kitchen

See Kitchen Cabinets in Section 13

#### **Carvings, Custom**

Agrell Architectural Carving Ltd. Cumberland Woodcraft Co. **Goodwin Associates** Khechoyan's Carvings & Tools, LLC Klitsas, Dimitrios - Fine Wood Sculptor Michael A. Dow - Woodcarver Saint-Jacques Artisans Workshops Wilbur, Frederick - Woodcarver

#### **Carvings, Hand Carved**

A-Art/B. Rasmussen, Ltd. Agrell Architectural Carving Ltd. Cumberland Woodcraft Co. Goodwin Associates Khechoyan's Carvings & Tools, LLC Klitsas, Dimitrios - Fine Wood Sculptor Michael A. Dow - Woodcarver Saint-Jacques Artisans Workshops White River Hardwoods-Woodworks Wilbur, Frederick - Woodcarver

#### **Carvings, Machine Carved**

Cumberland Woodcraft Co. Goodwin Associates Woodline Co.

#### Carvings, Standard Designs

Goodwin Associates Khechoyan's Carvings & Tools, LLC Wilbur, Frederick - Woodcarver

#### Casework

Cumberland Woodcraft Co.

#### Corbels

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

#### **Cornices, Exterior**

See Exterior Cornices in Section 6

#### **Cornices, Interior**

See Cornice Moldings in Section 8

#### **Epoxies for Wood Repair**

See Wood Restoration Materials

#### Gingerbread

See Millwork, Victorian

#### **Grilles**

Cumberland Woodcraft Co. Heat Registers.com Reggio Register Co., The Vintage Woodworks

#### Millwork, Custom

Architectural Components, Inc. Carlisle Wide Plank Floors Craftsman Lumber Co. De Groot Historical Restoration, Inc. East Teak Fine Hardwoods, Inc. Genbrook Millwork Inc. Maurer & Shepherd, Joyners Pagliacco Turning & Milling Saint-Jacques Artisans Workshops Superior Moulding, Inc. Tidewater Millwork White River Hardwoods-Woodworks

Wightman Specialty Woods Wood Window Workshop

#### Millwork, Exterior

Century Architectural Specialties Cumberland Woodcraft Co. East Teak Fine Hardwoods, Inc. Genbrook Millwork Inc. Jim Illingworth Millwork, LLC Maurer & Shepherd, Joyners Pagliacco Turning & Milling Superior Moulding, Inc. Vintage Woodworks Wightman Specialty Woods

#### Millwork, Historical Replicas

Cumberland Woodcraft Co. Eagle Creek Designs, Inc. Flex Moulding, Inc. Genbrook Millwork Inc. Jim Illingworth Millwork, LLC Maurer & Shepherd, Joyners Michael A. Dow - Woodcarver Pagliacco Turning & Milling Restoric, LLC Superior Moulding, Inc. Tidewater Millwork Wood Window Workshop

#### Millwork, Interior

Century Architectural Specialties Cumberland Woodcraft Co. East Teak Fine Hardwoods, Inc. Genbrook Millwork Inc. Jim Illingworth Millwork, LLC Maurer & Shepherd, Joyners Michael A. Dow - Woodcarver Pagliacco Turning & Milling Superior Moulding, Inc. Tidewater Millwork Vintage Woodworks White River Hardwoods-Woodworks Wightman Specialty Woods

#### Millwork, Standard Designs

Cumberland Woodcraft Co. Jim Illingworth Millwork, LLC Pagliacco Turning & Milling Tidewater Millwork Wightman Specialty Woods

#### Millwork, Victorian

Carlson's Barnwood Co. Century Architectural Specialties Cumberland Woodcraft Co. Jim Illingworth Millwork, LLC Michael A. Dow - Woodcarver Pagliacco Turning & Milling Superior Moulding, Inc. Vintage Woodworks

#### Moldings, Compo

Decorators Supply Corp. Jim Illingworth Millwork, LLC

#### **Moldings, Custom**

Agrell Architectural Carving Ltd. Columns.com East Teak Fine Hardwoods, Inc. Genbrook Millwork Inc. Jim Illingworth Millwork, LLC Klitsas, Dimitrios - Fine Wood Sculptor Michael A. Dow - Woodcarver Superior Moulding, Inc. Tidewater Millwork White River Hardwoods-Woodworks Wightman Specialty Woods Wilbur, Frederick - Woodcarver Wood Window Workshop

#### Moldings, Historical Replicas

Jim Illingworth Millwork, LLC Maurer & Shepherd, Joyners Michael A. Dow - Woodcarver Pagliacco Turning & Milling Restoric, LLC Superior Moulding, Inc. Tidewater Millwork Wilbur, Frederick - Woodcarver

#### Moldings, Polymer

See Section 8

#### Moldings, Standard Designs

East Teak Fine Hardwoods, Inc. Jim Illingworth Millwork, LLC Van Dyke's Restorers Wightman Specialty Woods Woodline Co.

#### Moldings, Wood

Agrell Architectural Carving Ltd. East Teak Fine Hardwoods, Inc. **Historic Doors** Jim Illingworth Millwork, LLC Maurer & Shepherd, Joyners Michael A. Dow - Woodcarver Pacific Columns Superior Moulding, Inc. Tidewater Millwork Van Dyke's Restorers Vintage Woodworks White River Hardwoods-Woodworks Wightman Specialty Woods Wilbur, Frederick - Woodcarver Woodline Co.

#### **Moldmaking & Casting Materials**

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

#### **Paneling, Custom**

Century Architectural Specialties Cumberland Woodcraft Co. East Teak Fine Hardwoods, Inc. Genbrook Millwork Inc. Jim Illingworth Millwork, LLC Maurer & Shepherd, Joyners Saint-Jacques Artisans Workshops Wightman Specialty Woods Wood Window Workshop

#### **Paneling, Standard Designs**

Cedar Valley Shingle Systems Century Architectural Specialties Genbrook Millwork Inc. Jim Illingworth Millwork, LLC Vintage Woodworks Wightman Specialty Woods

#### Registers

Heat Registers.com Jim Illingworth Millwork, LLC

#### Staircase Parts, Balusters

Adams Stair Works & Carpentry, Inc. Fagan Design & Fabrication, Inc. Goddard Mfg. Co. Jim Illingworth Millwork, LLC Klitsas, Dimitrios - Fine Wood Sculptor Moulding Associates, Inc. (MAi) MWT Custom Wood Working, LLC Pacific Columns Pagliacco Turning & Milling Vintage Woodworks Woodline Co.

#### Staircase Parts, Handrails

Adams Stair Works & Carpentry, Inc. East Teak Fine Hardwoods, Inc. Jim Illingworth Millwork, LLC MWT Custom Wood Working, LLC Sterling Staircase & Handrail Vintage Woodworks

#### Staircase Parts, Newel Posts

Adams Stair Works & Carpentry, Inc. Fagan Design & Fabrication, Inc. Goddard Mfg. Co. Jim Illingworth Millwork, LLC Klitsas, Dimitrios - Fine Wood Sculptor Moulding Associates, Inc. (MAi) MWT Custom Wood Working, LLC Pagliacco Turning & Milling Sterling Staircase & Handrail Vintage Woodworks Wilbur, Frederick - Woodcarver Woodline Co.

#### Stairs, Curved

Adams Stair Works & Carpentry, Inc. Genbrook Millwork Inc. Sterling Staircase & Handrail

#### Stairs, Custom

Adams Stair Works & Carpentry, Inc. Goddard Mfg. Co. Kronenberger & Sons Restoration Sterling Staircase & Handrail

#### Stairs, Monumental

Adams Stair Works & Carpentry, Inc. Sterling Staircase & Handrail

#### Stairs, Spiral

Adams Stair Works & Carpentry, Inc. Goddard Mfg. Co. Sterling Staircase & Handrail

#### Stairs, Straight

Adams Stair Works & Carpentry, Inc. Genbrook Millwork Inc. Sterling Staircase & Handrail

#### Timbers, Antique & Salvaged

See Section 16

#### **Timbers, Custom Cut**

Board and Beam Village Restorations & Consulting, Inc.

#### **Timbers, Large**

Board and Beam Carlson's Barnwood Co. Iowa Barn Savers

#### **Turnings, Custom**

Fagan Design & Fabrication, Inc. Jim Illingworth Millwork, LLC MWT Custom Wood Working, LLC

#### **Turnings, Standard Designs**

Jim Illingworth Millwork, LLC Moulding Associates, Inc. (MAi) MWT Custom Wood Working, LLC Vintage Woodworks

#### Veneers & Inlays

Genbrook Millwork Inc.

#### **Wood Finishes** Abatron, Inc.

Wainscoting

#### See Paneling

### **Wood Preservatives**

PRG, Inc.

#### **Wood Restoration Contracting**

Allegheny Restoration & Builders, Inc. De Groot Historical Restoration, Inc. Restoric, LLC Saint-Jacques Artisans Workshops

#### **Wood Restoration Materials**

Abatron, Inc.

# 2008 Guidebook Sourcelist

| Company   | Specialty  | Literature  | Company   | Specialty   |
|---|--|---|---|---|
| <b>1.800.COLUMNS</b><br>800-265-8667; Fax: 910-763-3191<br>www.columns.com<br>Wilmington, NC 28401                                  | Catalog distributor of fine architectural products: Chadsworth Columns, Hartmann-Sanders Authentic Architectural Columns, PolyStone Columns, PolyStone Balustrade Series & Classic Pergolas; job-site delivery.                                      | Write in<br>No. 1580 for<br>PolyStone;<br>180 for<br>wood | Annapolis Weathervanes and Cupolas 888-899-8493; Fax: 410-757-5637 www.weathervaneandcupola.com Annapolis, MD 21401   | Manufacturer & dis<br>finials, banners, roc<br>custom designs; cu<br>mahogany & pine.   |
| <b>A&amp;M Victorian Decorations, Inc.</b><br>800-671-0693; Fax: 626-575-1781<br>www.aandmvictorian.com<br>South El Monte, CA 91733 | Manufacturer of architectural elements: mold-<br>ing, columns, balustrades, wall caps, coping,<br>fountains, planters, gazebos & more than 70<br>styles of mantels; gypsum & cast stone; cus-  | Call for more information.                                | Antique Lumber Co. 407-673-5621; No fax 1314 S Riverside Dr. New Smyrna Beach, FL 32168   | Supplier of antique resawn heart-pine al elements; made   |
| A-Art/B. Rasmussen, Ltd.<br>314-962-1842; Fax: 314-962-4816<br>www.bestofmissourihands.org<br>Saint Louis, MO 63144                 | tom designs.  Art studio: signs, sculpture, wood carvings, decorative painting & gilding; custom designs; restoration, replication & refinishing; professional-opinion replacement cost estimates for  | Write in No. 821  | AquaMaster Fountains & Aerators<br>800-693-3144; Fax: 920-693-3634<br>www.aquamasterfountains.com<br>Kiel, WI 53042   | aid decomposition<br>algae blooms; 33<br>25-hp motors; all<br>year warranty; UL I   |
| <b>AAMSCO Lighting, Inc.</b><br>843-278-0000; Fax: 843-278-0001<br>www.ferrowatt.com  | insurance purposes.  Manufacturer of Ferrowatt-brand Edison-reproduction light bulbs: early carbon, 1910 Mazda tungsten & other models.  | Write in<br>No. 2240                                      | Archistoric Products 312-829-6290; Fax: 312-829-6292 www.archistoric.com Chicago, IL 60608  | Custom fabricator<br>sconces, pendants<br>Arts & Crafts, Art D<br>vaged & new desig<br>restoration service                        |
| Summerville, SC 29483  Abatron, Inc. 800-445-1754; Fax: 262-653-2019 www.abatron.com Kenosha, WI 53144                              | Manufacturer of products for restoration & repair: wood consolidation & repair, concrete patching & resurfacing, metal restoration, moldmaking & casting, structural adhesives, protective coatings, strippers & related products.                   | Write in<br>No. 1300                                      | Architectural Area Lighting, Inc.<br>714-994-2700; Fax: 714-994-0522<br>www.aal.net<br>La Mirada, CA 90638<br>Architectural Components, Inc.<br>413-367-9441; Fax: 413-367-9461 | Manufacturer of sp<br>styled lighting: land<br>lights, step lights, stom-designed fixtu<br>Manufacturer of re<br>windows & doors: |
| Above View by Tiles, Inc.<br>414-744-7118; Fax: 414-744-7119<br>www.aboveview.com<br>Milwaukee, WI 53221                            | Supplier of suspended plaster ceiling tile & exotic wall panels: gypsum & other non-combustible aggregates.  | Write in No.<br>1537                                      | www.architecturalcomponentsinc.com<br>Montague, MA 01351  | lated glass; wood-<br>screens; renovation<br>new construction;<br>catalog \$5.  |
| Acorn Forged Iron<br>508-339-4500; Fax: 508-339-0104<br>www.acornmfg.com<br>Mansfield, MA 02048                                     | Supplier of forged-iron & forged stainless-steel decorative hardware: cabinet, shutter, gate & interior & exterior door hardware; cast-iron registers & grilles; hand-forged bath accessories; hand-forged decorative-head nails.                    | Write in<br>No. 1690                                      | Architectural Detail Corp.<br>435-753-0800; Fax: 435-755-0852<br>www.fiberglasscolumns.com<br>Logan, UT 84321   | Manufacturer & ins<br>weight interior & ex<br>ment in fiberglass:<br>niches, domes & c<br>patent-pending Su                       |
| Adams Stair Works & Carpentry, Inc.<br>847-223-1177; Fax: 847-223-1188<br>www.adamsstair.com<br>Grayslake, IL 60030                 | Supplier of staircases & stair parts: circular, spiral, straight, glass & custom shapes; stair kits; historical restoration, custom turnings & profiles; oak & other species.  | Write in<br>No. 610                                       | Architectural Fiberglass Corp.<br>800-439-2000; Fax: 631-842-4790<br>www.afcornice.com<br>Copiague, NY 11726  | Fabricator of repro-<br>molding, columns,<br>themed interior en-<br>molded-in colors &<br>dant material; wea                      |
| Agrell Architectural Carving Ltd.<br>415-457-4422; Fax: 415-457-4464<br>www.agrellcarving.com<br>San Rafael, CA 94901               | Custom fabricator of architectural wood carvings: custom hand-carved decorative molding, interior & exterior columns, capitals, turnings, mantels & onlays; ecclesiastical furnishings.  | 2,001815<br>24,000816 771<br>26,000816 87                 | Architectural Grille<br>800-387-6267; Fax: 718-832-1390<br>www.archgrille.com<br>Brooklyn, NY 11215   | Manufacturer of cu<br>linear bar grilles; a<br>stainless steel; var<br>water-jet & laser c  |
| Al Bar-Wilmette Platers<br>847-251-0187; Fax: 847-251-0281<br>www.albarwilmette.com<br>Wilmette, IL 60091                           | Restorer of lighting fixtures & antique hard-<br>ware: period crystal & metal light fixtures;<br>bronze, brass, copper, nickel, pewter, gold, sil-<br>ver & chrome; matching of existing hardware in<br>restoration projects; will match any finish. | Write in<br>No. 2636                                      | Architectural Heritage, Inc.<br>205-322-3538; Fax: 205-323-0084<br>www.architecturalheritage.com<br>Birmingham, AL 35233  | Supplier of Europe<br>doors, mantels, ga<br>ing, wood wall par<br>redecorating.   |
| Allegheny Restoration & Builders, Inc.<br>304-594-2570; Fax: 304-594-2810<br>www.alleghenyrestoration.com<br>Morgantown, WV 26507   | Manufacturer of reproduction & custom wood doors & windows: window replication, restoration & repair; hardware replacement; storefronts & ecclesiastical projects.   | Write in<br>No. 1004                                      | Architectural Iron Co.<br>800-442-4766; Fax: 570-296-4766<br>www.architecturaliron.com<br>Milford, PA 18337   | Manufacturer of hi<br>items: columns, be<br>ing, cast-iron wind<br>restoration & custo<br>smithing; field rem                     |
| Allen Architectural Metals, Inc.<br>800-204-3858; Fax: 256-761-1967<br>www.allenmetals.com<br>Talladega, AL 35161                   | Manufacturer of ornamental metal: street amenities, signage, lighting, columns, building components, doors, cupolas, finials, cresting, architectural elements, canopies, bollards, railings & grilles; variety of alloys & finishes.                | Write in<br>No. 1005                                      | Architectural Pottery<br>888-ARCH-POT; Fax: 714-898-5109<br>www.archpot.com<br>Midway City, CA 92655  | Importer of handers & other items: ten hand-carved Italia stone reproduction benches, bollards,                                   |
| Allied Window, Inc.<br>800-445-5411; Fax: 513-559-1883<br>www.alliedwindow.com<br>Cincinnati, OH 45241                              | Manufacturer & installer of 'invisible' storm windows: custom colors, shapes & glazing materials; aluminum; protection from UV & vandalism; interior & exterior; commercial & residential applications.  | Write in<br>No. 690                                       | Architectural Products by Outwater, LLC<br>800-835-4400; Fax: 800-835-4403<br>www.outwater.com<br>Bogota, NJ 07603  | Manufacturer of 62<br>products: architect<br>columns, capitals,<br>balustrading, door<br>tile, furniture & ca                     |
| AlpineSnowGuards.com<br>888-766-4273; Fax: 888-766-9994<br>www.alpinesnowguards.com<br>Morrisville, VT 05661                        | Manufacturer of snow-retention devices for every roof type: pad & pipe styles; copper, aluminum, brass & zinc; custom; easy to install; free advice & recommended layout patterns for delivering snow retention solutions.                           | Write in<br>No. 145                                       | Architectural Reproductions by<br>Timeless<br>800-665-4341; Fax: 770-205-1447<br>www.timelessarchitectural.com<br>Cumming, GA 30041   | Manufacturer of all<br>balustrade system<br>tural fiberglass & capitals, molding d  |
| American Clay Enterprises, Inc.<br>866-404-1634, Fax: 505-244-9332<br>www.americanclay.com<br>Albuquerque, NM 87102                 | Supplier of finishes for walls & ceilings: clays, aggregates & natural pigments; alternative to plaster & gypsum; non-flammable, resists mold; 'green' Marittimo finish made of re-  | Write in<br>No. 1906                                      | Architectural Resource Center<br>800-370-8808; Fax: 603-942-7465<br>www.aresource.com<br>Northwood, NH 03261  | Supplier of historic<br>pulleys, lifts & lock<br>weather stripping;   |
| American Restoration Tile, Inc.<br>501-455-1000; Fax: 501-455-1004<br>www.restorationtile.com<br>Mabelvale, AR 72103                | claimed shells.  Custom manufacturer of historical tile: for fire-places, flooring, kitchens, baths & custom mosaics; restoration & new construction; custom matching of glazed & unglazed tile.   | Write in<br>No. 8032                                      | Architectural Stone Masonry<br>604-270-9677; Fax: 604-270-9637<br>www.stonemasonsarch.com<br>Richmond, BC, Canada V6V 3B6   | Fabricator of customantels, stairways columns, exterior w face textures, crown & door treatments;                                 |
| American Slate Company<br>800-553-5611; Fax: 925-977-4885<br>www.americanslate.com<br>Walnut Creek, CA 94596                        | Supplier of slate roofing tile: 16- & 24-in. sizes; colors ranging from grays & greens to black, purple & multi-colors: other sizes & graduated roofing on request; thickness up to 11/4 in. in some colors; slate flooring.                         | Write in No. 2723   | Aristone Designs, Inc.<br>800-369-8118; Fax: 480-967-1181<br>www.aristonedesigns.com<br>Tempe, AZ 85281   | Manufacturer of price tels, molding, trimeter & GFRC; custor custom work; in-ho   |
| American Tin Ceiling Co.<br>888-231-7500; Fax: 941-359-8776<br>www.americantinceilings.com<br>Bradenton, FL 34203                   | Supplier of tin ceiling panels: SnapLock system screws directly into drywall, drop-in & screw-in installation; many styles; molding; 45 colors.  | Write in<br>No. 1822                                      | Art Casting of Illinois, Inc.<br>815-732-7777; Fax: 815-732-7475<br>www.harryspell.com<br>Oregon, IL 61061  | Manufacturer of ca<br>conservation, restormaking, patination<br>scanning & digital<br>through Adagio Fir                          |

| Company   | Specialty  | Literature   |
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| Annapolis Weathervanes and Cupolas<br>888-899-8493; Fax: 410-757-5637<br>www.weathervaneandcupola.com<br>Annapolis, MD 21401        | Manufacturer & distributor of weathervanes, finials, banners, roof caps & cupolas: stock & custom designs; cupolas in vinyl, cedar, mahogany & pine.   | Write in<br>No. 657  |
| <b>Antique Lumber Co.</b><br>407-673-5621; No fax<br>1314 S Riverside Dr.<br>New Smyrna Beach, FL 32168                             | Supplier of antique heart pine & other lumber: resawn heart-pine beams, doors & architectural elements; made from salvaged lumber.   | Write in<br>No. 1457   |
| AquaMaster Fountains & Aerators<br>800-693-3144; Fax: 920-693-3634<br>www.aquamasterfountains.com<br>Kiel, WI 53042                 | Manufacturer of fountain aerators: designed to aid decomposition of organic solids & prevent algae blooms; 33 spray patterns with 0.5- to 25-hp motors; all 1-hp & larger units have a 3-year warranty; UL listed.                               | Write in<br>No. 461  |
| Archistoric Products<br>312-829-6290; Fax: 312-829-6292<br>www.archistoric.com<br>Chicago, IL 60608                                 | Custom fabricator of lighting: chandeliers, sconces, pendants & lanterns; Early American, Arts & Crafts, Art Deco & more; antique, salvaged & new designs; historical reproduction & restoration services; UL listed.                            |  |
| Architectural Area Lighting, Inc.<br>714-994-2700; Fax: 714-994-0522<br>www.aal.net<br>La Mirada, CA 90638                          | Manufacturer of specification-grade traditionally styled lighting: lanterns, poles & arms; flood-lights, step lights, wall sconces, bollards & custom-designed fixtures; many sizes & materials.   | Write in<br>No. 1702   |
| Architectural Components, Inc.<br>413-367-9441; Fax: 413-367-9461<br>www.architecturalcomponentsinc.com<br>Montague, MA 01351       | Manufacturer of reproduction & custom wood windows & doors: true-divided lites with insulated glass; wood-framed storm sash & screens; renovation & restoration projects & new construction; paneled walls & storefronts; catalog \$5.           | Call for more information.   |
| Architectural Detail Corp.<br>435-753-0800; Fax: 435-755-0852<br>www.fiberglasscolumns.com<br>Logan, UT 84321                       | Manufacturer & installer of authentic, light-<br>weight interior & exterior architectural orna-<br>ment in fiberglass: columns, capitals, bases,<br>niches, domes & ceiling rosettes; any size;<br>patent-pending Surefit Reassembly System.     | To a second seco |
| Architectural Fiberglass Corp.<br>800-439-2000; Fax: 631-842-4790<br>www.afcornice.com<br>Copiague, NY 11726                        | Fabricator of reproduction ornament: cornice molding, columns, capitals, balustrades & themed interior environments; lightweight FRP; molded-in colors & textures; class-1 fire-retardant material; weather resistant; easy to install.          | Write in<br>No. 6400   |
| Architectural Grille<br>800-387-6267; Fax: 718-832-1390<br>www.archgrille.com<br>Brooklyn, NY 11215                                 | Manufacturer of custom grilles: perforated & linear bar grilles; aluminum, brass, steel & stainless steel; variety of finishes; stock sizes; water-jet & laser cutting.  | Write in<br>No. 2220   |
| Architectural Heritage, Inc.<br>205-322-3538; Fax: 205-323-0084<br>www.architecturalheritage.com<br>Birmingham, AL 35233            | Supplier of European architectural antiques:<br>doors, mantels, garden elements, outdoor light-<br>ing, wood wall paneling & more; refurbishing &<br>redecorating.   | Write in<br>No. 2638   |
| Architectural Iron Co.<br>800-442-4766; Fax: 570-296-4766<br>www.architecturaliron.com<br>Milford, PA 18337                         | Manufacturer of historical wrought- & cast-iron items: columns, benches, fences, gates, cresting, cast-iron window sash weights & more; restoration & custom casting; foundry & blacksmithing; field removal & installation services.            | Write in<br>No. 1504   |
| Architectural Pottery<br>888-ARCH-POT; Fax: 714-898-5109<br>www.archpot.com<br>Midway City, CA 92655                                | Importer of handcrafted Italian & Greek statuary & other items: terra-cotta urns & ornament; hand-carved Italian limestone & English-style stone reproductions; balustrades, columns, benches, bollards, fountains & trash receptacles.          | Write in<br>No. 20   |
| Architectural Products by Outwater, LLC<br>800-835-4400; Fax: 800-835-4403<br>www.outwater.com<br>Bogota, NJ 07603                  | Manufacturer of 65,000+ decorative building products: architectural moldings & millwork, columns, capitals, wrought-iron components, balustrading, door hardware, lighting, ceiling tile, furniture & cabinet components & more.                 | Write in<br>No. 1088   |
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| Architectural Resource Center<br>800-370-8808; Fax: 603-942-7465<br>www.aresource.com<br>Northwood, NH 03261                        | Supplier of historically styled hardware: sash pulleys, lifts & locks, sash chain & rope; weather stripping; patented sash weights.  | Write in<br>No. 1670   |
| Architectural Stone Masonry<br>604-270-9677; Fax: 604-270-9637<br>www.stonemasonsarch.com<br>Richmond, BC, Canada V6V 3B6           | Fabricator of custom natural-stone products:<br>mantels, stairways, balustrades, Classical<br>columns, exterior wall cladding in smooth & split-<br>face textures, crown moldings & profiled window<br>& door treatments; limestone & sandstone. | Write in<br>No. 1656   |
| Aristone Designs, Inc.<br>800-369-8118; Fax: 480-967-1181<br>www.aristonedesigns.com<br>Tempe, AZ 85281                             | Manufacturer of precast products: columns, mantels, molding, trim & balustrades; concrete, plaster & GFRC; custom colors & finishes; stock & custom work; in-house moldmaker; since 1964.  | Write in<br>No. 1555   |
| Art Casting of Illinois, Inc.<br>815-732-7777; Fax: 815-732-7475<br>www.harryspell.com<br>Oregon, IL 61061                          | Manufacturer of cast-bronze sculpture: pick-up, conservation, restoration & installation; mold-making, patination, fabrication, off-site laser scanning & digital sculpting; etchings & prints through Adagio Fine Art Gallery.                  | Write in<br>No. 2705   |

| Company Art Design Group  | Specialty  Sculptor: custom & standard designs; monu-  | Literature Write in   |
|---|--|---|
| 717-394-4994; Fax: 717-290-1309<br>www.e-art-design.com<br>Mountville, PA 17554                                       | mental & garden sculpture; fountains.  | No. 1793  |
| Aurora Mills Architectural Salvage<br>503-678-6083; Fax: 503-678-3299<br>www.auroramills.com<br>Aurora, OR 97002      | Architectural salvage: building components & materials; artwork; bath fixtures; doors; furniture; garden decor; hardware; iron; lighting; terra cotta, brick & tile; windows; woodwork.  | mark ben<br>sees ees<br>betonoog                            |
| Authentic Designs<br>800-844-9416; Fax: 802-394-2422<br>www.authenticdesigns.com<br>West Rupert, VT 05776             | Manufacturer of historical lighting fixtures: chandeliers, lanterns, sconces & table lamps; brass, copper, terne & Vermont maple; Early American & Colonial; CUL/UL listed for wet & damp locations; library binder \$15.                | Write in<br>No. 60  |
| Authentic Provence, Inc.<br>561-805-9995; Fax: 561-805-5730<br>www.authenticprovence.com<br>West Palm Beach, FL 33401 | Importer & distributor of antique hand-carved stone garden ornament: French limestone & Italian marble; antique gates, wrought-iron & wood gates & trellis; hand-sculpted fountains, plaques, terra-cotta planters, gazebos & pavilions. | Write in<br>No. 8163  |
| Authentic Wood Floors, Inc.<br>800-765-3966; Fax: 717-428-0464<br>www.authenticwoodfloors.com<br>Glen Rock, PA 17327  | Supplier of reclaimed lumber from barns & warehouses: recycled into flooring, beams, paneling, molding, wainscoting & other products; milled & kiln dried.   | Write in<br>No. 8000  |
| AZEK Building Products, Inc.<br>877-275-2935; Fax: 570-504-1215<br>www.azek.com<br>Scranton, PA 18505                 | Manufacturer of PVC exterior trim products: trimboards, sheets, beadboards, cornerboards & millwork.   | Write in<br>No. 1428  |
| <b>Ball &amp; Ball Hardware</b><br>610-363-7330; Fax: 610-363-7639<br>www.ballandball.com<br>Exton, PA 19341          | Custom manufacturer & supplier of ornamental metalwork & hardware: door, window, shutter & furniture hardware; fireplace tools; wrought iron, steel, aluminum, bronze, brass, copper & cast iron; custom reproductions.                  | Write in<br>No. 2930  |
| Ball & Ball Lighting<br>610-363-7330; Fax: 610-363-7639<br>www.ballandball.com<br>Exton, PA 19341                     | Fabricator of historical lighting: chandeliers, sconces, pendants, lanterns & table lamps; Early American & Turn of the Century styles; antique & salvaged originals, new designs, custom work & reproductions; restoration services.    | Write in<br>No. 7660  |
| Ball Consulting, Ltd.<br>724-266-1502; Fax: 724-266-1504<br>www.ball-consulting-ltd.com<br>Ambridge, PA 15003         | Supplier of moldmaking materials & casting compounds: alginate, latex rubber, polyurethane & silicone for moldmaking; GFRC, gypsum, polymer-modified gypsum, plaster & polyurethane casting compounds; terra-cotta substitutes.          | Write in<br>No. 7260  |
| <b>Baltica</b><br>866-830-9174; Fax: 310-349-3443<br>www.baltica.com<br>Vilnius, Lithuania                            | Manufacturer of handcrafted, European-made door, window & cabinet hardware: cremone bolts, doorknobs & knockers, hinges, lever handles, push plates & more; Gothic & Baroque; showrooms worldwide.                                       | Write in<br>No. 411   |
| Bamboo & Rattan Works, Inc.<br>800-422-6266; Fax: 732-905-8386<br>www.bambooandrattan.com<br>Lakewood, NJ 08701       | Manufacturer of bamboo products: thatch, fencing, gates & traditional Japanese water features; water spouts & deer chasers; half-round bamboo for water troughs; mats & boards for wallcoverings; thatch, slats, bark, cloth & more.     | Write in<br>No. 5830  |
| Bathroom Machineries, DEA<br>209-728-2031; Fax: 209-728-2320<br>www.deabath.com<br>Murphys, CA 95247                  | Supplier of Early American & Victorian bath-<br>room fixtures & accessories: antique & repro-<br>duction clawfoot tubs, high-tank toilets, pedestal<br>sinks, mirrors & many one-of-a-kind items.  | Write in<br>No. 1725<br>for plumbir<br>5860 for<br>hardware |
| <b>Belden Brick Co.</b><br>330-456-0031; Fax: 330-456-2694<br>www.beldenbrick.com<br>Canton, OH 44702                 | Manufacturer of brick: variety of colors, textures, sizes, stock & custom shapes; color matching; jack arches, water tables, bullnoses, coping caps, pavers, face brick, brick sculpture & more.   |   |
| Bell Bird Control<br>800-932-0733; Fax: 973-575-1177<br>www.bellbirdcontrol.com<br>Parsippany, NJ 07054               | Manufacturer & installer of aesthetic solutions to pest bird problems: custom patented system, color matched & low profile; for historic-style structures & other buildings.   | Write in<br>No. 1682  |
| Bendheim Glass Co.<br>800-221-7379; Fax: 973-471-3475<br>www.restorationglass.com<br>Passaic, NJ 07055                | Supplier of mouth-blown restoration window glass: resembles glass made before the advent of modern window glass; slight distortions, occasional pits & imperfections; 2 styles, light & heavy.   | Write in<br>No. 641   |
| Bergerson Cedar Windows, Inc.<br>800-240-4365; Fax: 503-861-0316<br>www.bergersonwindow.com<br>Hammond, OR 97121      | Custom manufacturer of historical doors & windows in western red cedar: complete custom units or sash only; interior & exterior storm windows; crisp milling detail; shop drawings included; restoration work; since 1977.               | Write in<br>No. 83  |
| Bevolo Gas & Electric Lights<br>504-522-9485; Fax: 504-522-5563<br>www.bevolo.com<br>New Orleans, LA 70130            | Manufacturer & distributor of lighting fixtures: hand riveted, antique copper, natural gas, propane & electric; residential, commercial, landscapes & streetscapes; custom scaling & style proposals.                                    | Write in<br>No. 166   |
| Bird-X, Inc.<br>800-662-5021; Fax: 312-226-2480<br>www.bird-x.com/tbd<br>Chicago, IL 60607                            | Manufacturer of bird & pest control products: SPIKES Needle Strips, sticky gels, nets, ultrasonic & visual devices; for landmark status, museums, industrial, commercial & residential properties.                                       | Write in<br>No. 3230  |
| Board and Beam<br>860-868-6789; Fax: 860-868-0721<br>www.boardandbeam.com<br>Washington Depot, CT 06793               | Supplier of antique barns & houses & lumber: hand-hewn beams, wood flooring, Shaker-style tables in oak, white & yellow pine, chestnut; Federal entryways, doors, windows; restoration of Colonial structures.                           | Write in<br>No. 2763  |

| Company   | Specialty   | Literature  |
|---|---|---|
| Boston Valley Terra Cotta<br>888-214-3655; Fax: 716-649-7688<br>www.bostonvalley.com<br>Orchard Park, NY 14127                                      | Custom fabricator of architectural terra-cotta products: roof tile & Terraclad (rain-screen system); columns/capitals, cornices, balustrades, garden sculpture & chimneys; standard & custom shapes & colors; replacements & new designs. | Write in<br>No. 160                                   |
| Bovard Studio, Inc.<br>800-452-7796; Fax: 641-472-0974<br>www.bovardstudio.com<br>Fairfield, IA 52556   | Restorer, designer & fabricator of stained-glass windows: wood, aluminum & steel frames; protective glazing systems; replicates lost stained-glass windows; faceted glass; mosaics; hand-painted kiln-fired original art glass.           | Write in<br>No. 7690                                  |
| Brandon Industries, Inc.<br>800-247-1274; Fax: 972-542-1015<br>www.brandonindustries.com<br>McKinney, TX 75069                                      | Manufacturer & distributor of Classical ornamental metalwork: lampposts, wall sconces, deck mounts, signage & plaques, mailboxes & more in aluminum.  | Write in<br>No. 73                                    |
| <b>Brandt, Sylvan</b><br>717-626-4520; Fax: 717-626-5867<br>www.sylvanbrandt.com<br>Lititz, PA 17543  | Manufacturer of salvaged wood flooring, ceiling boards & paneling: wide board, random width & weatherboard (barn siding); chestnut, oak, pine, heart pine, cypress, walnut, hemlock, fir & hickory; other antique building materials.     | La 725-92<br>La 725-92<br>Section                     |
| Brian Greer's Tin Ceilings, Walls &<br>Unique Metal Work<br>519-743-9710; Fax: 519-570-1447<br>www.tinceiling.com<br>Petersburg, ON, Canada NOB 2H0 | Supplier of decorative tin ceiling panels: tin, copper, brass, chrome & pewter finishes on 2x2-ft. panels; can be painted or left bright tin; moldings, fillers & cornices available.   |   |
| Brosamer's Bells<br>517-592-9030; No fax<br>www.brosamersbells.com<br>Brooklyn, MI 49230  | Supplier of pre-owned bells: more than 40,000 lbs. in stock; restoration of cast-bronze bells; yard, fire engine, railroad, church & tower bells; many styles; all sizes.   | Write in<br>No. 7130                                  |
| Brusso Inc.<br>212-337-8510; Fax: 212-337-9840<br>www.brusso.com<br>New York, NY 10013  | Manufacturer of cabinet & furniture hardware: handles, latches, hinges, quadrants, shelf pins, stays, feet, hooks & templates; solid brass & stainless steel.   | Write in<br>No. 1836                                  |
| Building Conservation Associates<br>212-777-1300; Fax: 212-777-1606<br>www.bcausa.com<br>New York, NY 10001   | Consulting firm: project management, conditions survey, plans & specs, cost estimating & feasibility reports, materials testing & lab analysis; for historic buildings, monuments & fine art.   | Write in<br>No. 1673                                  |
| <b>C&amp;J Metal Products</b><br>800-500-8660; Fax: 562-634-8823<br>www.cjmetals.com<br>Long Beach, CA 90805  | Manufacturer & supplier of architectural sheet-<br>metal elements: roof dormer vents, finials,<br>spires, dormers, canopies, leader heads &<br>chimney tops; restoration & duplication.   | Write in<br>No. 596                                   |
| Campbellsville Industries, Inc.<br>800-467-8135; Fax: 270-465-6839<br>www.cvilleindustries.com<br>Campbellsville, KY 42718                          | Manufacturer & installer of architectural metal-<br>work: steeples, cupolas, street clocks, railings,<br>balustrades, finials, domes, weathervanes &<br>louvers; aluminum, copper, zinc & lead-coated<br>copper.                          | HoD circs<br>se vas or<br>nacestawa<br>AD sortest     |
| Canning Studios<br>203-272-9868; Fax: 203-272-9879<br>www.canning-studios.com<br>Cheshire, CT 06410   | Restorer & designer of decorative finishes, ornamental plaster & wood: historic-paint analysis; plaster consolidation & stabilization; decorative painting, murals, interior & exterior gilding & wood graining; metal & stone cleaning.  | Write in<br>No. 5100                                  |
| Cantera Especial<br>800-564-8608; Fax: 818-907-0343<br>www.cantera-especial.com<br>Pacific Palisades, CA 90272                                      | Custom hand carver of natural-stone products made from limestone, cantera, adoquin, travertine, marble & sandstone quarried in Europe & Mexico: fireplaces, fountains, planters, columns, balustrades, benches, molding & sculpture.      | Write in<br>No. 31                                    |
| Canterbury International<br>323-936-7111; Fax: 323-936-7115<br>www.canterburyintl.com<br>Los Angeles, CA 90016                                      | Designer & manufacturer of architectural site furnishings: clocks, benches, sculpture & custom products; for more than 40 years.  |   |
| Canterland of Mexico<br>800-564-8608; Fax: 818-907-0343<br>www.canterlandmex.com<br>Pacific Palisades, CA 90272                                     | Factory-direct manufacturer of Yucatan lime-<br>stone products: fountains, mantels,<br>balustrades, stairs, columns, countertops &<br>more; in Coquina, Ticul & Crema Maya stone.   | Write in<br>No. 1825                                  |
| Cape Cod Cupola Co.<br>508-994-2119; Fax: 508-997-2511<br>www.capecodcupola.com<br>North Dartmouth, MA 02747  | Manufacturer of cupolas: with windows or louvers; in finish pine or AZEK (PVC); weathervanes & finials.   | Write in<br>No. 1514                                  |
| Capri Cork<br>800-492-2613; No fax<br>http:www.capricork.com<br>Lancaster, PA 17601   | Manufacturer of cork floor tiles: also recycled rubber floor tiles combined with post-industrial cork; many colors; eligible for LEED credits.  | nik etimele<br>AG SEC 61<br>inerales ka<br>GG buorths |
| Carlisle Wide Plank Floors<br>800-595-9663; Fax: 603-446-3540<br>www.wideplankflooring.com<br>Stoddard, NH 03464                                    | Custom manufacturer of traditional wide-plank flooring & paneling: hand selected from antique & old-growth pine & hardwoods; deals directly with homeowners, builders, architects & specialists in historic restoration & reproduction.   |   |
| Carlson's Barnwood Co.<br>309-522-5550; Fax: 309-522-5123<br>www.carlsonsbarnwood.com<br>Cambridge, IL 61238  | Supplier of antique barn wood & salvaged materials: planks, beams, dimensional lumber, re-milled flooring & architectural antiques; pine, oak, heart pine & mixed species; salvaged doors, windows & shutters; antique lighting.          | Write in<br>No. 2744                                  |
| Cedar Valley Shingle Systems<br>800-521-9523; Fax: 831-636-9035<br>www.cedar-valley.com<br>Hollister, CA 95023                                      | Supplier of premium-grade architectural cedar shingle panels: exposures of 4.25-, 5.3- & 7 1/8-in.; straight or staggered butt lines; all are 96x21-in.   | Write in<br>No. 1832                                  |

| Company  | Specialty   | Literature   |
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| Century Architectural Specialties<br>877-262-1999; Fax: 770-590-3190<br>www.architecturalspecialties.com<br>Marietta, GA 30066 | Manufacturer of Classically inspired molded ornament: crown & cornice molding, door & window surrounds, pilasters, capitals, corbels, ceiling domes & medallions.   | Write in<br>No. 1698                                   |
| Chadsworth Columns<br>800-486-2118; Fax: 919-778-5177<br>www.chadsworth.com<br>Wilmington, NC 28401                            | Manufacturer of authentically correct architectural columns: complete line of columns, piers, pilasters & posts for interior & exterior use; variety of sizes, styles & materials, including wood; more than 20 years.                            | Write in<br>No. 1580 for<br>PolyStone;<br>180 for wood |
| Champlain Stone, Ltd.<br>518-623-2902; Fax: 518-623-3088<br>www.champlainstone.com<br>Warrensburg, NY 12885                    | Manufacturer of building & landscaping stone & stone flooring: guillotined & hand-split granite, quartzitic sandstone & limestone; for fireplaces, building veneer, wall stone, flagging, paving, step slabs, benches & retaining walls.          | Write in<br>No. 4270                                   |
| Chelsea Decorative Metal Co.<br>713-721-9200; Fax: 713-776-8661<br>www.thetinman.com<br>Houston, TX 77074                      | Manufacturer of pressed-tin ceiling & wall panels: tin-plated steel has shiny silver finish, can be painted with oil-based paint; 3-, 6-, 12- & 24-in. patterns ranging from Art Deco to Victorian; easy-to-install 2x4-ft. sheets.               | Write in<br>No. 190                                    |
| Chestnut Specialists, Inc.<br>860-283-4209; Fax: Same as phone<br>www.chestnutspec.com<br>Plymouth, CT 06782                   | Manufacturer of antique wood for flooring: chestnut, oak, pine & hemlock; hewn barn beams, weathered siding & sheathing planks.   | Call for more information.                             |
| Chris Industries, Inc.<br>800-356-7922; Fax: 847-729-0340<br>www.chrisind.com<br>Northbrook, IL 60062                          | Manufacturer & distributor of architectural sheet metal, gutters & flashing: copper, steel, galvalume, zinc, aluminum & more.   | Write in<br>No. 687                                    |
| Circle Redmont, Inc.<br>800-358-3888; Fax: 321-259-7237<br>www.circleredmont.com<br>Melbourne, FL 32940                        | Manufacturer of structurally engineered frames: outbuildings, stairs & flooring; aluminum, steel, precast concrete, stainless steel & cast iron; prefabricated & pre-glazed with glass block, pavers, bullets or composite plank glass.           | Write in<br>No. 379                                    |
| Cityproof Windows<br>718-786-1600; Fax: 718-786-2713<br>www.cityproof.com<br>Long Island City, NY 11101                        | Manufacturer & installer of custom-made interior window systems: aluminum, storm/screen combo, arched & custom shapes; mechanical fastenings; acrylic, lexan, UV-resistant, standard, low-E, tempered, laminated & etchedglass glazing.           | Write in<br>No. 2390                                   |
| Classic Accents, Inc.<br>800-245-7742; Fax: 734-284-7185<br>www.classicaccents.net<br>Southgate, MI 48195                      | Manufacturer of reproduction push-button light switches: cover plates in 28 finishes & styles; molding hooks, tassel kits & picture cord.   | Write in<br>No. 4850                                   |
| Classic Ceilings<br>800-992-8700, Fax: 714-870-5972<br>www.classicceilings.com<br>Fullerton, CA 92831                          | Supplier of decorative wall & ceiling ornament: pressed-metal wall & ceiling tiles, tin ceiling panels, cornices & backsplashes; decorative stampings; perforated tin ceiling panels & tin ceiling imitations; crown moldings & more.             | Write in<br>No. 2400                                   |
| Classic Gutter Systems, LLC<br>269-665-2700; Fax: 269-665-1234<br>www.classicgutters.com<br>Kalamazoo, MI 49003                | Manufacturer of half-round gutters: heavy 20-<br>oz. copper, heavy-duty aluminum & galvalume<br>with baked-enamel finish; hidden nut-&-bolt<br>adjustable hanger system; cast fascia brackets &<br>decorative components; solid brass & aluminum. | Write in<br>No. 1280                                   |
| Classy Glass Structures<br>972-221-0445; Fax: 972-219-0348<br>P.O. Box 794041<br>Dallas, TX 75379                              | Custom manufacturer of conservatories, arboretums, greenhouses, glass gazebos, pool & hot-tub rooms, skylights, barrel vaults, glass walls & screened-in rooms: all sizes, shapes, colors & finishes; lifetime no-leak warranty.                  | Write in<br>No. 1254                                   |
| Climate Seal<br>952-448-5300; Fax: 952-448-2613<br>www.climateseal.com<br>Chaska, MN 55318                                     | Supplier of storm windows: narrow magnetic frame; simple installation.  |  |
| Coe Studios, Inc.<br>510-527-2950; Fax: 510-527-0103<br>www.coestudios.com<br>Berkeley, CA 94710                               | Manufacturer & custom fabricator of exterior lighting: forging, hammering, repousse & lostwax castings; solid bronze & iron; any style or period.   | Write in<br>No. 830                                    |
| Color People, The<br>800-541-7174; Fax: 303-308-0123<br>www.colorpeople.com<br>Denver, CO 80204                                | Designer of exterior color schemes: consultation for residences, businesses, Main Streets & townscapes through photos, via mail & on-site.  | Write in<br>No. 5470                                   |
| Colorado Waterjet Co.<br>970-532-5404; Fax: 970-532-5405<br>www.coloradowaterjet.com<br>Berthoud, CO 80513                     | Custom fabricator of water-jet-cut ornamental metal products: panels for gates, railings, stairs, lighting, hardware, sculpture, signage, registers & grilles; steel, stainless steel, aluminum, bronze, brass, copper & more.                    |  |
| Columbia Equipment Co., Inc.<br>800-742-1297; Fax: 718-526-4110<br>www.columbiaequipment.com<br>Jamaica, NY 11433              | Manufacturer of prefabricated aluminum passenger shelters, smoking shelters, bus shelters, kiosks, benches & related street furniture: variety of standard & custom designs; streetscape improvement models; outbuildings.                        | Write in<br>No. 3105                                   |
| <b>Columns.com</b><br>910-763-7600; Fax: 910-763-3191<br>www.columns.com<br>Wilmington, NC 28401                               | Internet distributor & web-based mall for architectural products: columns, pilasters, decorative capitals, moldings, balustrades & pergola kits; can rate & compare various manufacturers; job-site delivery, worldwide shipping.                 | Write in<br>No. 1899                                   |
| Conklin Metal Industries<br>404-688-4510; Fax: 404-522-7439<br>www.metalshingle.com<br>Atlanta, GA 30312                       | Manufacturer of metal roofing shingles: one pattern typical of late-19th-century homes; galvanized roofing sheets, gutters & leaders.   | Write in<br>No. 1830                                   |

| Company  | Specialty   | Literature  |
|--|---|---|
| Conklin's Authentic Barnwood<br>570-465-3832; Fax: 570-465-3835<br>www.conklinsbarnwood.com<br>Susquehanna, PA 18847     | Supplier of reclaimed & resawn antique lumber: flooring in white pine, chestnut, heart pine, antique oak & hemlock; weathered barnwood, hand-hewn beams, pole rafters, used metal roofing & other antique barn materials.               | Write in<br>No. 578   |
| Conrad Schmitt Studios, Inc.<br>800-969-3033; Fax: 262-786-9036<br>www.conradschmitt.com<br>New Berlin, WI 53151         | Creator, conservator & restorer of decorative painting: stained & art glass; ornamental plasterwork; crystalline etched-glass designs; murals, mosaics & statuary; for public & religious buildings; since 1889.                        | Write in<br>No. 8040<br>for decorative<br>painting; 1839<br>for ecclesiasti-<br>cal specialties;<br>1841 for art<br>glass |
| Contech Bridge Solutions Inc.<br>800-526-3999; Fax: 937-254-3999<br>www.contechbridge.com<br>Dayton, OH 45420            | Designer & builder of bridges: vehicular & pedestrian for any application; plate, precast & truss products; Contech Structural Plate, ConSpan Bridge System, Bebo Arch System, Steadfast & Continental bridges.                         |   |
| Coppa Woodworking<br>310-548-4142; Fax: 310-548-6740<br>www.coppawoodworking.com<br>San Pedro, CA 90731                  | Manufacturer of wood screen doors, storm doors: more than 300 styles; pine, Douglas fir, oak, mahogany, cedar, knotty alder & redwood; any size; many options. arch & roundtop, double, French doors, doggie doors, screens & more.     | Write in<br>No. 9600  |
| Copper Moon Woodworks<br>610-434-8740; Fax: 610-434-0230<br>www.coppermoonwoodworks.com<br>Allentown, PA 18104           | Fabricator of custom exterior shutters & hardware.  |   |
| Copper Sculptures<br>800-235-6725; Fax: 601-992-9350<br>www.coppersculptures.com<br>Brandon, MS 39047                    | Manufacturer of gas lanterns & site furnishings: lanterns replicated from pre-Civil War photos, with electronic ignition; mailboxes, street lighting, signage, statuary, trash receptacles & fountains.                                 | Write in<br>No. 300   |
| Coppersmythe, Josiah R.<br>508-432-8590; Fax: 508-432-8587<br>www.jrcoppersmythe.com<br>Harwich, MA 02645                | Supplier of handcrafted Early American & Arts & Crafts reproduction lighting fixtures: lanterns, chandeliers, sconces & post lights; copper, brass, tin, wrought iron & wood; catalog \$3.  | Call for more information.  |
| Country Carpenters, Inc.<br>860-228-2276; Fax: 860-228-5106<br>www.countrycarpenters.com<br>Tolland, CT 06084            | Manufacturer of pre-cut, New England-style post-&-beam carriage houses: garden sheds & country barns; pre-cut, pre-engineered building kits; cupolas; family owned & operated since 1974; catalog \$5.                                  | Write in<br>No. 1439  |
| Country Road Associates, Ltd.<br>845-677-6041; Fax: 845-677-6532<br>www.countryroadassociates.com<br>Millbrook, NY 12545 | Supplier of reclaimed wood: wide board & random width; chestnut, maple, white oak, white pine, heart pine, cherry, elm & walnut; distributor of reclaimed barn siding, hand-hewn beams, paneling & cabinetry.                           | Write in<br>No. 7480<br>flooring;<br>1416 for<br>cabinetry  |
| Craft Metal Products, Inc.<br>800-669-3254; Fax: 317-545-3288<br>www.craftmetal.com<br>Indianapolis, IN 46218            | Manufacturer of church & institutional lighting: chandeliers, sconces, pendants & lanterns; custom lighting; restoration services.  | Write in<br>No. 1021  |
| Craftsman Lumber Co.<br>978-448-5621; Fax: 978-448-2754<br>www.craftsmanlumber.com<br>Groton, MA 01450                   | Manufacturer of wood flooring & custom millwork: wide-plank flooring & clapboards; eastern white pine, red pine, red oak & other native hardwoods; all drying & milling done on premises.   | Write in<br>No. 4320  |
| Craftsmen Hardware Co.<br>660-376-2481; Fax: 660-376-4076<br>www.craftsmenhardware.com<br>Marceline, MO 64658            | Supplier of Arts & Crafts-style hardware: door, window, cabinet & drapery hardware; handhammered copper; lighting.  | Write in<br>No. 6980  |
| Crenshaw Lighting<br>540-745-3900; Fax: 540-745-3911<br>www.crenshawlighting.com<br>Floyd, VA 24091                      | Manufacturer of decorative lighting fixtures: period & custom designs; historical restoration & reproduction; lighting for worship.   | Write in<br>No. 313   |
| Cross Creek Architectural Salvage<br>417-883-8633; Fax: 417-883-4334<br>1228 East Guinevere<br>Springfield, MO 65804     | Supplier of architectural salvage: used brick & building materials.   | Write in<br>No. 1834  |
| Crown City Hardware Co.<br>626-794-1188; Fax: 626-794-2064<br>www.crowncityhardware.com<br>Pasadena, CA 91104            | Supplier of hardware: casement fasteners & adjusters; sash locks, lifts, balances & weights; screen fasteners & hangers; glass knobs, bin pulls, switch plates & more; iron, brass, glass & crystal; Victorian & Arts & Crafts styles.  | Write in<br>No. 432   |
| Cumberland Woodcraft Co.<br>800-367-1884; Fax: 717-243-6502<br>www.cumberlandwoodcraft.com<br>Carlisle, PA 17013         | Manufacturer of Victorian millwork: porch trim, screen & storm doors, gables & spandrels, ceiling medallions, bars & backbars, grilles, brackets, cornices, fretwork, mantels, capitals, carvings, moldings, balustrades, rails & more. | Write in<br>No. 1310  |
| Custom Home Accessories, Inc.<br>800-265-0041; Fax: 916-635-0228<br>www.mailboxes.info<br>Rancho Cordova, CA 95742       | Manufacturer of metalwork accessories: weathervanes, cupolas, finials, roof caps, mailboxes, lighted address plaques, signs & lampposts; cast aluminum, bronze, brass & copper; custom sizes.   | Write in<br>No. 527   |
| Custom Shutter Company<br>866-531-9918; No fax<br>www.customshuttercompany.com<br>Montgomery, AL 36117                   | Custom fabricator of interior & exterior shutters: louvered, panel, board-&-batten, combination & hurricane shutters; basswood, western red cedar, wood composite & PVC/fiberglass; shutter hardware.                                   | Write in<br>No. 1900  |
| Custom Trades International, Inc.<br>203-531-3493; Fax: 203-532-9727<br>www.sorpetalerusa.com<br>Greenwich, CT 06831     | Manufacturer of custom wood windows & doors: any species, finish, glazing & hardware; aluminum- & bronze-clad wood window systems; architectural hardware in brass, bronze & more; for residences, institutions & historic properties.  | Write in<br>No. 1083  |

| Company   | Specialty   | Literature   |
|---|---|--|
| Customlightstyles.com<br>707-547-9909; Fax: 707-538-5543<br>www.customlightstyles.com<br>Santa Rosa, CA 95409                       | Designer & fabricator of exterior & interior light-<br>ing: lanterns, pendants, ceiling mounts, sconces<br>& chandeliers; hand-forged iron, brass & cop-<br>per; custom designs & historical reproductions.                                   | Write in<br>No. 2545   |
| Czar Floors<br>800-577-2927; Fax: 86-631-0423<br>www.czarfloors.com<br>Newtown, PA 18940  | Custom fabricator of wood flooring: inlay, mosaic, parquet; custom paneling.  | oball/ HiderC<br>135 867 Ctb<br>Ewilders<br>85 BJ John         |
| <b>D.J.A. Imports, Ltd.</b><br>718-324-6871; Fax: 718-324-0726<br>www.djaimports.com<br>Bronx, NY 10466                             | Distributor of architectural metal components: gates, railings, stairs, gate & door hardware, machinery for the metal industry & specialty items; stainless steel & aluminum; reproductions; riveted gates & railings, operators & more.      | Write in<br>No. 495  |
| Dahlhaus Lighting, Inc.<br>718-218-6651; Fax: 718-218-6653<br>www.dahlhaus-lighting.com<br>Brooklyn, NY 11211                       | Manufacturer of street furnishings & lighting: benches, clocks, plaques, street lamps, lanterns, bollards, fountains, ornament & mailboxes in European styles; for residential, commercial & civic sites.                                     | Write in<br>No. 2767   |
| Dalton Pavilions, Inc.<br>800-532-5866; Fax: 215-721-1501<br>www.daltonpavilions.com<br>Telford, PA 18969                           | Manufacturer of pre-engineered pavilions & gazebos: western red cedar; prefabricated for ease of installation; ships internationally.   | Write in<br>No. 330  |
| <b>De Groot Historical Restoration, Inc.</b> 631-246-8194; Fax: 631-509-5238 www.dghistorical.com East Setauket, NY 11733           | Custom architectural millwork: restoration & reproduction of windows, doors, leaded glass, shutters, sculpture, storefronts, paneling, cabinetry & furniture; sculpture & ornamentation restoration & reproduction; pattern work, consulting. | Write in<br>No. 1915   |
| DeAngelis Iron Work, Inc.<br>888-676-4766; Fax: 508-238-7757<br>www.deangelisiron.com<br>South Easton, MA 02375                     | Custom fabricator & installer of ornamental metalwork: fences, gates, columns, capitals, benches, stairs & more; cast & wrought iron, bronze, brass, aluminum, stainless steel & more; cresting.  | Write in<br>No. 1023   |
| Decorated Porcelain Company<br>702-897-8131; No fax<br>www.decoratedporcelain.com<br>Henderson, NV 89052                            | Supplier of one-of-a-kind decorated bathroom fixtures: sinks, toilets, tile & accessories; floral, historic & other designs.  | egorison avvi<br>AlA anatogo                                   |
| Decorative Hardware Studio<br>914-238-5251; Fax: 914-238-4880<br>www.decorative-hardware.com<br>Chappaqua, NY 10514                 | Manufacturer of drapery, cabinet, furniture & door hardware & stair rods: brass, bronze, nickel, crystal & ceramics.  | Call for more information.                                     |
| Decorators Supply Corp.<br>773-847-6300; Fax: 773-847-6357<br>www.decoratorssupply.com<br>Chicago, IL 60609                         | Supplier of period architectural elements: ceiling medallions, mantels, cornices, columns & capitals; plaster of Paris, compo & wood; 14,000 patterns available.  | Write in<br>No. 210  |
| Deep Landing Workshop<br>877-778-4042; Fax: 410-778-4070<br>www.deeplandingworkshop.com<br>Chestertown, MD 21620                    | Manufacturer of custom lighting fixtures: chandeliers, sconces, pendants & lanterns; new designs, historic reproductions & custom work; handcrafted in wood, tin, brass or copper; glass, mica or alabaster shades.                           | Write in<br>No. 809  |
| Designs in Tile<br>530-926-2629; No fax<br>www.designsintile.com<br>Mt. Shasta, CA 96067  | Designer & fabricator of custom tile & murals: subway & encaustic tile; for flooring, walls & fountains; Victorian, English/American Arts & Crafts styles; coordinating borders.  | ode EFA OOF<br>ID Jameeriawa<br>IA Jalindi Seapa               |
| Distinguished Home Lighting, Ltd.<br>718-261-6090; Fax: 718-261-6190<br>www.distinguishedhomelighting.com<br>Forest Hills, NY 11375 | Supplier of traditional lighting: European cast-<br>brass exterior lanterns; gas & electric applica-<br>tions; designs for wall, ceiling, post & column<br>mounting.  | Write in<br>No. 1195   |
| DMS Studios<br>718-937-5648; Fax: 718-937-2609<br>www.dms-studios.com<br>Long Island City, NY 11101                                 | Custom fabricator of hand-carved stone elements: fountains, mantels, statuary, balustrades, capitals & landscape ornament; historically accurate.   | Write in<br>No. 9100 for<br>carving; 262<br>for sculpture      |
| Doty & Sons Concrete Products, Inc.<br>800-233-3907; Fax: 815-895-8035<br>www.dotyconcrete.com<br>Sycamore, IL 60178                | Manufacturer of litter receptacles, planters, bollards & custom concrete products: more than 20 bench styles & sizes; lpe lumber, recycled plastic & concrete seats & backs.  | Write in<br>No. 2090   |
| Dreamcatcher Imports, Inc.<br>906-358-4577; Fax: 906-358-4785<br>www.dreamcatcherimportexport.com<br>Watersmeet, MI 49969           | Supplier of ornamental metalwork & stonework: pedestals, fountains, gates, fences, street lighting, planters & urns, benches, columns, balustrades, weathervanes, mantels & grilles; iron, bronze, cut & cast stone.                          | godina i nguli<br>200 Ana Osa<br>salolagan www.<br>A paya Osak |
| DuMor Site Furnishings<br>800-598-4018; Fax: 717-436-9839<br>www.dumor.com<br>Mifflintown, PA 17059                                 | Manufacturer of site furnishings: benches, tables, receptacles & planters; metal, wood & recycled plastic; interior & exterior; stock & custom designs & manufacturing.   | Write in<br>No. 2180   |
| Dutch Delft Tiles by Oudolf Jr. 011-31-3025-2387-4; Fax: 011-31302523891 www.delfttiles.com Utrecht, The Netherlands, DS 3508 AB    | Manufacturer of handmade Dutch Delft tile: replicas of tile dating from 16th century; smooth or crackled glaze; antique Delft tile; floor tile.   | Write in<br>No. 1808   |
| E.R. Butler & Co.<br>212-925-3565; Fax: 212-925-3305<br>www.erbutler.com<br>New York, NY 10012                                      | Manufacturer of historically accurate, premium-<br>quality hardware for doors, windows & furniture:<br>brass, bronze, nickel silver & wrought iron; com-<br>plete design selections of Early American peri-<br>od hardware; many finishes.    | Write in<br>No. 2260   |

| Company   | Specialty  | Literature   |
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| Eagle Creek Designs, Inc.<br>330-274-2041; Fax: 330-274-3370<br>www.eaglecreekdesigns.net<br>Mantua, OH 44255                           | Supplier of salvaged building materials:<br>beams, flooring, doors, paneling, siding &<br>mantels; wood & stone; barns disassembled<br>& reassembled; stock barns & log homes.   | Write in<br>No. 529  |
| Early New England Homes by Country<br>Carpenters<br>860-643-1148; Fax: 860-643-1150<br>www.earlynewenglandhomes.com<br>Bolton, CT 06043 | Manufacturer of timber-frame structures: houses & barns.   | Write in<br>No. 1878   |
| East Coast Roof Specialties<br>860-379-9072; Fax: 860-379-2046<br>www.icebrakes.com<br>Winsted, CT 06098                                | Manufacturer of IceBrakes cast-aluminum pad-style snowguards for metal roofs: 2 sizes; bare aluminum finish & dozens of powder-coated colors; product selection, layout assistance & installation advice; finials; made in the U.S.    | Write in<br>No. 2450   |
| <b>East Teak Fine Hardwoods, Inc.</b><br>972-248-0078; Fax: 972-248-0942<br>www.eastteak.com<br>Dallas, TX 75035                        | Supplier of wood products: decking, porch parts, flooring, millwork, paneling, stair parts, custom timbers.  | Magneyas<br>Sagneyas<br>Sagneyas   |
| <b>Eder Flag Mfg. Co., Inc.</b><br>800-558-6044; Fax: 800-333-7329<br>www.ederflag.com<br>Oak Creek, WI 53154                           | Manufacturer of flagpoles, flags, banners & accessories: cone-tapered aluminum & fiberglass shafts; brackets & other accessories; U.S. state & foreign flags; banners of all types; weathervanes & finials.                            |  |
| EJMcopper, Inc.<br>407-447-0074; Fax: 407-447-0075<br>www.ejmcopper.com<br>Orlando, FL 32804  | Custom fabricator of copper products: cupolas, dormers, weathervanes, finials, vents, chimney caps & more.   | Write in No. 1377  |
| Eldorado Stone<br>800-925-1491; Fax: 760-736-8890<br>www.eldoradostone.com<br>San Marcos, CA 92079                                      | Manufacturer of architectural stone veneer: cast from molds made from thousands of hand-selected natural stone.  | Write in<br>No. 1877   |
| Erie Landmark Co.<br>800-874-7848; Fax: 717-285-9060<br>www.erielandmark.com<br>Columbia, PA 17512                                      | Manufacturer of historical markers & other signage & plaques: oval, rectangular & custom formats.  |  |
| European Iron Works<br>805-967-8076; Fax: Same as phone<br>www.europeanironworks-sb.com<br>Goleta, CA 93117                             | Designer & fabricator of hand-forged & traditionally joined architectural products: railings, balconies, gates, wine cellar & entry doors, fireplace screens, lighting & furniture; iron, bronze, copper, aluminum & other materials.  | Write in<br>No. 3031   |
| Eve Guinan Design<br>416-469-8110; Fax: 416-469-2700<br>www.egdglass.com<br>Toronto, ON, Canada M4K 3B7                                 | Art glass studio: restoration & new designs.   |  |
| EverGreene Painting Studios, Inc.<br>212-244-2800; Fax: 212-244-6204<br>www.evergreene.com<br>New York, NY 10001                        | Decorative-arts studio: murals, decorative painting, gilding, plaster, wood, metal, stone & mosaics; new design, conservation & restoration; ecclesiastical, institutional, public & commercial projects; offices in NYC & Chicago.    | Write in<br>No. 2460<br>for decora-<br>tive paint-<br>ing; 2678<br>for plaster |
| Exhausto, Inc.<br>800-255-2923; No fax<br>www.chimneyfans.com<br>Roswell, GA 30076  | Manufacturer of chimney top-mounted fans: guaranteed to solve smoke problems; for use where relining of chimney has decreased flue capacity; for all types of chimneys; mounts on round, square & oval flues.                          | Write in<br>No. 5670   |
| Extrutech Plastics, Inc.<br>920-684-9650; Fax: 920-684-4344<br>www.epiplastics.com<br>Manitowoc, WI 54220                               | Manufacturer of exterior & interior cellular moldings & trim: screen doors, shutters, custom wood-grain finishes; wall & ceiling panels; waterproof doors.   | Write in<br>No. 1892   |
| FAAC International, Inc.<br>800-221-8278; Fax: 970-223-2588<br>www.faacusa.com<br>Cheyenne, WY 82007                                    | Manufacturer of gate operators: swing-, slide-<br>& barrier-gate systems.  | Write in<br>No. 531  |
| Fagan Design & Fabrication, Inc.<br>203-937-1874; Fax: 203-937-7321<br>www.fagancolumns.net<br>West Haven, CT 06516                     | Manufacturer of columns & turnings: stain grades in any wood species; Classical orders; stock & custom; worldwide supplier.  | Write in<br>No. 8210   |
| Fagan's Forge<br>888-963-0130; Fax: 860-963-0130<br>www.fagansforge.com<br>Pomfret Center, CT 06259                                     | Supplier of hand-forged door hardware: reproduced from firm's collection of 18th-century wrought-iron latches, hinges, bolts, hooks, pulls & more; strap hinges for barn doors; shutter dogs; iron trammel hooks for fireplace cranes. | Write in<br>No. 1010   |
| Faubourg Lighting<br>866-803-7518; Fax: 601-894-5195<br>www.faubourglighting.com<br>Hazlehurst, MS 39083                                | Manufacturer of traditional & period lighting: exterior copper gas-burning & electric fixtures; wall mounted, hanging post or any bracket; CSA-certified; custom-design, -color & -size options.                                       | Write in<br>No. 424  |
| Federalist, The<br>203-625-4727; Fax: 203-629-8775<br>www.thefederalistonline.com<br>Greenwich, CT 06830                                | Manufacturer & supplier of Early American lighting fixtures: chandeliers, sconces, lanterns, bell-jar fixtures, table & floor lamps; exterior lanterns; antique, historic reproductions & custom lighting; electric & gas.             | 2 amir ban<br>10 santa<br>nito ca ev<br>anc renco                              |
| Felber Ornamental Plastering Corp.<br>800-392-6896; Fax: 610-275-6636<br>www.felber.net<br>Norristown, PA 19404                         | Supplier of interior molded ornament: capitals, cornices, friezes, niches, keystones, rosettes, coffers, domes & medallions; custom mantels; plaster, gypsum & GRG; sculptors, model makers & casters on staff; stock & custom.        | Write in<br>No. 2890   |

| Company  | Specialty   | Literature   |
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| Fenestra America<br>800-397-6060; Fax: 718-209-8273<br>www.fenestra-america.com<br>Brooklyn, NY 11234                                  | Custom fabricator of all-wood & clad-wood windows: double hung, casement, awning & more; special shapes; wood doors.  | Write in<br>No. 1548   |
| Fiberglass Specialties, Inc.<br>800-527-1459; Fax: 903-657-2318<br>www.fsiweb.com<br>Henderson, TX 75653                               | Manufacturer of FRP steeples, domes, cupolas, columns, railings & baptismal pools: dozens of stock designs plus modifications, replication & custom solutions; architect on staff to assist with design.                                  | entropy (1992)<br>Stranger<br>Mr. Consoler<br>De War<br>30 To Lunch                  |
| Fine Architectural Metalsmiths<br>845-651-7550; No fax<br>www.iceforge.com<br>Chester, NY 10918  | Designer & custom fabricator of ornamental metalwork: period-appropriate motifs; custom lighting; curved, straight & monumental stairs; driveway & garden gates; hand forged & wrought iron, bronze & aluminum.                           | Write in<br>No. 2640   |
| Fishman Mosaics<br>305-758-1141; Fax: Same as phone<br>www.georgefishmanmosaics.com<br>Miami Shores, FL 33138                          | Designer & fabricator of mosaics: traditional glass smalti & stone; pictorial mosaics in the Classical style; custom mosaic artwork for public spaces, hospitality & religious projects.  | Write in<br>No. 183  |
| Flex Moulding, Inc.<br>800-307-3357; Fax: 201-487-6637<br>www.flexiblemoulding.com<br>Hackensack, NJ 07601                             | Supplier of moldings & polymer ornament: ceiling medallions, spot decorations, capitals, simulated wood carvings & more; rigid & flexible polyester; restoration casting; window trim; custom casting & moldmaking capabilities.          | Write in<br>No. 4900   |
| Florentine Craftsmen, Inc.<br>800-971-7600; Fax: 718-937-9858<br>www.florentinecraftsmen.com<br>Long Island City, NY 11101             | Manufacturer of handcrafted garden statuary & ornaments: sculpture, furniture, fountains, planters, urns & more.  | Call for more information.   |
| Forshaw of St. Louis, Inc.<br>800-367-7429; Fax: 800-845-2689<br>www.forshawmantels.com<br>St. Louis, MO 63044                         | Manufacturer of handcrafted mantels & overmantels: pine, oak, poplar, cherry & other solid hardwoods; unfinished & ready for paint or stain; precast-stone mantels with 33-, 36-, 42- & 43-in. openings; custom & ground shipped.         | Write in<br>No. 8174   |
| Frank Morrow Co.<br>800-556-7688; Fax: 401-941-3810<br>www.frankmorrow.com<br>Providence, RI 02905                                     | Designer & manufacturer of more than 6,000 ornamental metal trims: embossed banding & perforated gallery; decorative stampings include leaves, flowers, husks, bobeches, animals, motifs & more; grey-iron castings.                      | Write in<br>No. 1220   |
| FreeState Timbersmiths<br>913-897-5262; Fax: 913-897-1459<br>www.freestatetimbersmiths.com<br>Stilwell, KS 66085                       | Custom fabricator & distributor of timber frames: recycled timbers & timber-frame restoration; residential & commercial projects; personally serving Midwest clients in all facets concerning timber-frame structures.                    | Write in<br>No. 1464   |
| <b>Gaby's Shoppe</b><br>800-299-4229; Fax: 214-748-7701<br>www.gabys.com<br>Dallas, TX 75207   | Manufacturer of handcrafted decorative iron drapery hardware: for curved & angled bay windows & arches; 30 standard finishes; more than 100 finial options.   | Write in<br>No. 2520   |
| Genbrook Millwork Inc.<br>607-656-7563; Fax: 607-656-7522<br>www.genbrookmillwork.com<br>Greene, NY 13778                              | Fabricator of architectural millwork: cabinetry, surfaces, furniture, balusters, railings, molding, trim, wainscoting, windows, doors & more.   |  |
| Gerald Siciliano Studio Design<br>Associates<br>718-636-4561; Fax: 718-395-2044<br>www.geraldsicilianostudio.com<br>Brooklyn, NY 11215 | Custom fabricator of fine & liturgical sculpture: architectural details, fireplaces & mantels; bronze, granite, marble & stone; interior & exterior; repair & restoration; studio & fieldwork; 30 years of experience.                    | Write in<br>No. 187  |
| Gladding, McBean - Div. of Pacific<br>Coast Bldg.<br>800-776-1133; Fax: 916-645-1723<br>www.gladdingmcbean.com<br>Lincoln, CA 95648    | Manufacturer of sculptural ornamentation, machine-extruded terra cotta, roof tile, chimney tops, pavers, garden pottery & vitrified sewer pipes: terra-cotta balustrades, copings, cornices & more; custom-glaze development.             | Write in No. 6010 for terra cotta; 1705 for rootile; 1706 for pottery; 1707 for tile |
| Glass House, LLC<br>800-222-3065; Fax: 860-974-1173<br>www.glasshouseusa.com<br>Pomfret Center, CT 06259                               | Custom fabricator of conservatories & glass-<br>roof systems: glass domes, skylights & solari-<br>ums; ornamental metal features, custom trim<br>enhancements, copper cladding, true-divided-<br>lite sash & doors; many glazing options. |  |
| Glass Source<br>203-924-4368; Fax: Same as phone<br>www.theglasssource.com<br>Shelton, CT 06484  | Restorer, designer & fabricator of stained-glass windows, kiln-formed glass & hand-painted kiln-fired pieces: supplies & classes.   |  |
| <b>Goddard Mfg. Co.</b><br>800-536-4341; Fax: 785-689-4303<br>www.spiral-staircases.com<br>Logan, KS 67646                             | Custom fabricator of stairs: spiral & curved; balusters & newels; all wood (mainly pine & oak), steel/wood combinations & all steel; wholesale prices.  | Write in<br>No. 4780   |
| Good Time Stove Co.<br>413-268-3677; No fax<br>www.goodtimestove.com<br>Goshen, MA 01032   | Supplier of antique kitchen ranges & heating stoves: ca. 1840-1930; fully restored & functional; enamel, cast iron, wood & wood/gas combos; electric conversions available.   | Call for more information.   |
| Goodwin Associates<br>585-248-3320, Fax: 585-387-0153<br>www.goodwinassociates.com<br>Tampa, FL 33602                                  | Supplier of architectural products: cornice moldings, columns, capitals, balustrades, door & window surrounds, ceiling medallions, niches, brackets, corbels, mantels & more; polyurethane, FRP & hardwood millwork.                      | Write in<br>No. 806  |

| Company  | Specialty Supplies of leaders as 2 september 2015  | Literature           |
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| Goodwin International<br>714-241-0942; Fax: 714-241-1874<br>www.goodwininternational.com<br>Santa Ana, CA 92707                | Supplier of landscape & garden ornament from around the world: stone fountains, benches, planters, urns & sculpture; sandstone planters & terra cotta; various design styles & sizes.  | Write in<br>No. 4160 |
| Grabill Windows & Doors<br>810-798-2817; Fax: 810-798-2809<br>www.grabillwindow.com<br>Almont, MI 48003                        | Custom manufacturer of solid-wood, bronze & aluminum-clad windows & doors: lift & slide doors, casements, tilt-turn, European in-swing & historically accurate double-hung windows with weights & pulleys; residential & commercial.     | Write in<br>No. 1910 |
| <b>Graymont Dolime (OH), Inc.</b><br>800-537-4489; Fax: 419-855-4602<br>www.graymont.com<br>Genoa, OH 43430                    | Manufacturer of historical lime mortar, Niagara Mature Lime Putty: fully slaked, screened, aged & ready for immediate use; resources available on mortar history, re-pointing, plaster & stucco applications.                            | Write in<br>No. 450  |
| Great Northern Barns<br>603-523-7134; Fax: 603-523-8248<br>www.greatnorthernbarns.com<br>Canaan, NH 03741                      | Supplier of high-quality hand-hewn antique timber frames: stores, barns & residences.  | Write in<br>No. 952  |
| <b>Guerin, P.E.</b><br>212-243-5270; Fax: 212-727-2290<br>www.peguerin.com<br>New York, NY 10014                               | Manufacturer of high-end handcrafted brass & bronze hardware & accessories: for doors, windows, furniture, objets d'art & bathroom accessories; handcrafted sconces & lighting fixtures.   | Write in<br>No. 1166 |
| <b>Haddonstone (USA), Ltd.</b><br>856-931-7011; Fax: 856-931-0040<br>www.haddonstone.com<br>Bellmawr, NJ 08031                 | Manufacturer of Classical stonework: columns, balustrades, benches, planters, urns, pavers, fountains, gazebos, mantels, statuary & more; cast, reconstructed limestone resembling Portland stone; more than 500 designs.                | Write in<br>No. 4020 |
| Hahn's Woodworking Co., Inc.<br>908-722-2742; Fax: 908-722-2736<br>www.hahnswoodworking.com<br>Branchburg, NJ 08876            | Custom manufacturer of wood entry doors, garage doors, windows & shutters: historical reproductions; institutional projects.   | Write in<br>No. 6640 |
| Heat Registers.com<br>509-535-1237; Fax: 509-534-8916<br>www.heatregisters.com<br>Spokane, WA 99223                            | Supplier of registers & grilles; metal & wood; cast & forged metal, sheet metal & metal plate.   | Write in<br>No. 1879 |
| Heather & Little, Ltd.<br>800-450-0659; Fax: 905-475-9764<br>www.heatherandlittle.com<br>Markham, ON, Canada L3R OH1           | Fabricator & supplier of historical sheet-metal roofing & specialty architectural sheet metal: finials, cornices, leader heads, cresting, metal shingles, siding, cupolas, steeples, domes, reproductions; Kalemein & lot-line windows.  | Write in<br>No. 2470 |
| Hendricks Tile<br>804-231-0100; Fax: 866-727-1519<br>www.hendrickstile.com<br>Ashland, VA 23005                                | Manufacturer of flat concrete shingle tile: various colors & textures; can be customized to resemble wood, slate & other materials; gutter hangers.  | Write in<br>No. 6340 |
| Heritage Lanterns<br>207-846-3911; No fax<br>www.heritagelanterns.com<br>Yarmouth, ME 04096                                    | Manufacturer of handcrafted brass, copper & pewter lighting: reproductions of 18th- & early-19th-century fixtures; brackets, wall mounts, ceiling lights, chandeliers & post lights; rain protection, concealed wiring & more.           | Write in<br>No. 1908 |
| Herwig Lighting<br>800-643-9523; Fax: 479-968-6422<br>www.herwig.com<br>Russellville, AR 72811                                 | Designer & manufacturer of cast metalwork: pendant lanterns, street lighting, posts, bells, clocks, benches, bollards, custom plaques & signs, antique fence posts & more; aluminum & bronze; handcrafted.                               | Write in<br>No. 9130 |
| Historic Doors<br>610-756-6187; Fax: 610-756-6171<br>www.historicdoors.com<br>Kempton, PA 19529                                | Custom fabricator of wood windows & doors: casing; circular & crown moldings; complete entryways; wood storefronts; restoration & period-style construction.   | Write in<br>No. 3570 |
| Historical Arts & Casting, Inc.<br>800-225-1414; Fax: 801-280-2493<br>www.historicalarts.com<br>West Jordan, UT 84088          | Designer & custom fabricator of ornamental metalwork: doors, windows, hardware, stairs, balustrades, registers, fences, lighting, gutters, columns, weathervanes, planters & more; iron, bronze, aluminum & steel; restoration services. | Write in<br>No. 1210 |
| House of Antique Hardware<br>888-265-1038; Fax: 503-233-1312<br>www.houseofantiquehardware.com<br>Portland, OR 97232           | Manufacturer & supplier of vintage reproduction door, window, cabinet & furniture hardware & accessories; Federal, Victorian, Colonial Revival, Craftsman & Deco styles; push-button switches & plates; registers & grilles.             | Write in<br>No. 1096 |
| Hugh Lofting Timber Framing, Inc.<br>610-444-5382; Fax: 610-869-3589<br>www.hughloftingtimberframe.com<br>West Grove, PA 19390 | Designer, fabricator & installer of custom timber-frame structures: residential, commercial & outbuildings; insulated panel systems; throughout the mid-Atlantic region.   | Write in<br>No. 663  |
| Innerglass Window Systems<br>800-743-6207; Fax: 860-651-4789<br>www.stormwindows.com<br>Simsbury, CT 06070                     | Custom manufacturer of glass interior storm windows for energy conservation & sound-proofing: automatically conforms to opening, compensating for out-of-square conditions; no sub-frame needed; all glazing options.                    | Write in<br>No. 909  |
| Inspire Roofing Products<br>866-288-2726; Fax: 800-709-9109<br>www.inspireroofing.com<br>Wixom, MI 48393                       | Supplier of roofing: 100% recyclable blend of limestone & synthetic resins; looks like slate; 6 profiles; Class A fire & Class 4 hail & 110 mph wind uplift ratings; transferable 50-year limited warranty.                              | Write in<br>No. 1606 |
| Interact Ceilings<br>866-877-8453; Fax: 416-742-0976<br>www.interactceilings.com<br>Toronto, ON, Canada M9M 1M7                | Manufacturer of gypsum ceiling tile; commercial & residential applications.  |                      |

| Company   | Specialty   | Literature   |
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| IntriG<br>800-797-8757; Fax: 937-845-0230<br>www.intrig.net<br>New Carlisle, OH 45344                                       | Raised panel wainscoting: 9 panel styles, 3 cap mold options.   |  |
| lowa Barn Savers<br>563-252-3541; No fax<br>www.iowabarnsavers.com<br>Guttenberg, IA 52052                                  | Restorer of barns: wood flooring, siding, build-<br>ing documentation, timber-frame restoration,<br>antique timber frames.  | era to some elves in the contract of the contr |
| J.S. Benson Woodworking & Design<br>800-339-3515; Fax: 802-254-4874<br>www.jsbensonwoodworking.com<br>Brattleboro, VT 05301 | Custom fabricator of historical windows & doors: European window & wall systems; ½s-in. TDL warm-edge glazing; architectural bronze cladding; custom hardware; restoration & reproduction services; institutional & residential.        | Write in<br>No. 8930   |
| Jack Arnold - European Copper<br>800-391-0014; Fax: 918-494-0884<br>www.jackarnold.com<br>Tulsa, OK 74136                   | Manufacturer of custom copper chimney pots: patina finish; UL listed & patented.  | Write in<br>No. 1719   |
| James Peters & Son, Inc.<br>215-739-9500; Fax: 215-739-9779<br>www.jamespetersandson.com<br>Philadelphia, PA 19122          | Manufacturer of ornamental gate, shutter & barn door hardware: gate, barn & stable hinges; shutter bolts, shutter dogs & pull rings.  | Write in<br>No. 1240   |
| Jim Illingworth Millwork, LLC<br>877-390-2392; Fax: 315-232-3645<br>www.jimillingworthmillwork.com<br>Adams, NY 13605       | Custom builder of wood windows, doors & moldings: sashes or doors only or complete units; matching of existing moldings; crowns, bases, casings, trim, spindles, balusters & turnings; architectural, traditional & historical.         | Write in<br>No. 1696   |
| John F. Graney Metal Design, LLC<br>413-528-6744; Fax: 413-528-6749<br>www.graneymetaldesign.com<br>Sheffield, MA 01257     | Custom fabricator of ornamental metalwork:<br>fences, gates, railings, tree grates, hearth<br>screens, benches, lighting & more; aluminum,<br>bronze & stainless steel; ecclesiastical work.  | Write in<br>No. 4840   |
| John Tiedemann, Inc.<br>877-600-2666; Fax: 201-991-3419<br>www.johntiedemann.com<br>North Arlington, NJ 07031               | Restorer of interior elements: interior painting & design, liturgical renderings, decorative granite flooring, faux finishes, murals & frescoes, gilding, art glass, fine art, paint & plaster analysis, historic analysis & testing.   | Write in<br>No. 1765   |
| Jon Hair Studio of Fine Art LLC<br>704-892-7203; Fax: 704-892-7208<br>www.jonhair.com<br>Cornelius, NC 28031                | Sculptor: major public artworks in bronze; limited editions & commissions; portrait busts, animals & monuments; official Olympic sculptor.  | D. And GOVERN  |
| Judson Studios<br>800-445-8376; Fax: 323-255-8529<br>www.judsonstudios.com<br>Los Angeles, CA 90042                         | Designer & custom fabricator of art glass:<br>mosaics & stained- & faceted-glass restora-<br>tion; public buildings & ecclesiastical projects.  |  |
| Kayne & Son Custom Hardware, Inc.<br>828-667-8868; Fax: 828-665-8303<br>www.customforgedhardware.com<br>Candler, NC 28715   | Manufacturer of forged- & cast-metal hardware: strap, H, HL, butterfly & butt hinges; thumb-latch locksets, gate hardware, shutter dogs & more; fireplace tools; bathroom accessories & kitchen equipment; restoration; catalog \$8.    | Call for more information.   |
| Kees Architectural Division<br>800-889-7215; Fax: 920-876-3065<br>www.kees.com<br>Elkhart Lake, WI 53020                    | Custom fabricator of architectural stamped, water-jet-cut & bar grilles & registers: base-boards & radiator covers in stamped & perforated metal; wide variety of patterns & thicknesses.   | Write in<br>No. 1385   |
| Kenneth Lynch & Sons, Inc.<br>203-264-2831; Fax: 203-264-2833<br>www.klynchandsons.com<br>Oxford, CT 06478                  | Manufacturer of ornamental metalwork & cast-<br>stone products: planters, urns, benches, foun-<br>tains, statuary, topiary, sundials & weather-<br>vanes; cast stone, cast & wrought iron, lead &<br>bronze; stock & custom designs.    | Call for more information.   |
| Keymer Tiles<br>011-44-01444-232-931; No fax<br>www.keymertiles.com<br>Burgess Hill, W. Sussex, UK RH15 OLZ                 | Manufacturer of handmade clay roof tile: plain, ornamental, ridge, hip & valley; custom colors.   | Write in<br>No. 1924   |
| Khechoyan's Carvings & Tools, LLC<br>314-843-3236; Fax: Same as phone<br>www.woodcarver4u.com<br>Saint Louis, MO 63123      | Wood carver: specializes in Gothic, Baroque, Rococo, Empire, Classical & Modern carvings, inlaid work, incrustations & bone work; carved doors, architectural details, chairs, crosses; restoration of antique woodwork.                |  |
| Kim Lighting<br>626-968-5666; Fax: 626-369-2695<br>www.kimlighting.com<br>City of Industry, CA 91716                        | Supplier of outdoor site, area & landscape lighting fixtures: die-castings in aluminum, brass, cast copper & bronze.  | Write in<br>No. 873  |
| King Architectural Metals<br>800-542-2379; Fax: 800-948-5558<br>www.kingmetals.com<br>Dallas, TX 75228                      | Wholesale supplier of ornamental & architectural metal components: staircases, handrails, gates, fences, furniture, mailboxes, lampposts, finials & fireplace screens; wrought iron & aluminum.   | Write in<br>No. 418  |
| Kingsland Co. Doors<br>860-542-6981; Fax: 860-542-1752<br>www.kingsland-shutters.com<br>Norfolk, CT 06058                   | Manufacturer of custom-designed entryways: doors, jambs & thresholds; Honduras mahogany; single glass, insulated glass, true-divided lites, leaded-glass sidelites & transoms; screen & storm doors; removable screen porch enclosures. | Write in<br>No. 4573<br>for wood;<br>4574 for<br>screen doors  |
| Kingsland Co. Shutters<br>860-542-6981; Fax: 860-542-1752<br>www.kingsland-shutters.com<br>Norfolk, CT 06058                | Manufacturer of exterior shutters in Honduras mahogany: louvered, raised panel, cutouts & reproductions; mortise-&-tenon construction; copper caps, fixed control rods & hardware; paneled & louvered arched tops.                      | Write in<br>No. 196  |

| Company  | Specialty  | Literature  |
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| Klitsas, Dimitrios - Fine Wood Sculptor<br>413-566-5301; Fax: 413-566-5307<br>www.klitsas.com<br>Hampden, MA 01036                 | Wood carver: capitals, newel posts, furniture (all periods), fireplace mantels, stairs, moldings & other specialty carvings; variety of wood species.  | Write in<br>No. 7380                                    |
| Kronenberger & Sons Restoration<br>860-347-4600; Fax: 860-343-0309<br>www.kronenbergersons.com<br>Middletown, CT 06457             | Contractor for interior & exterior restoration: all types of finishes; post-&-beam construction; windows, molding & roofing; masonry & wood; museums, churches, town halls, libraries, barns, period homes & outbuildings.           | Write in<br>No. 536                                     |
| Lake Shore Industries, Inc.<br>800-458-0463; Fax: 814-453-4293<br>www.lsisigns.com<br>Erie, PA 16502-1624                          | Manufacturer of cast-aluminum & bronze signs & plaques: street signs, town seals, historical markers, building letters, fabricated letters, lighted & non-lighted signs & more; cast bases for street sign & lighting posts.         | Write in<br>No. 8730                                    |
| Lamb Studios, Inc., J&R<br>877-700-lamb; Fax: 201-891-8855<br>www.lambstudios.com<br>Wyckoff, NJ 07481                             | Manufacturer of Victorian leaded-glass windows: Lamb & Tiffany windows; 5 artists, each specializing in different styles; design, installation & restoration; services nationwide; founded in 1857.                                  | M-237 SAL<br>Viv. maudosi<br>Janta, GA 3<br>Ref Iainp G |
| Lantern Masters, Inc.<br>818-706-1990; Fax: 818-706-1988<br>www.lanternmasters.com<br>Westlake Village, CA 91362                   | Custom designer & manufacturer of interior & exterior lighting: chandeliers, pendants, ceiling flushes & sconces; wall, pendant, post & pilaster exterior models; many architectural periods; historical reproductions.              | Write in<br>No. 1239                                    |
| Lehigh Cement Company, White<br>Cement Div.<br>800-523-5488; Fax: 610-366-4638<br>www.lehighwhitecement.com<br>Allentown, PA 18195 | Manufacturer of white cement: used in cast stone, precast, GFRC, architectural concrete masonry, stucco, tile grout & cast in place; for swimming pools, spas, ornament, concrete roof tile, terrazzo & infrastructure.              | Write in<br>No. 169                                     |
| Lehmann Glass Studio<br>510-465-7158; Fax: Same as phone<br>www.lehmannglass.com<br>Oakland, CA 94607                              | Custom manufacturer of wheel-cut art-glass panels: etched & beveled art glass; door & lighting-fixture glass; historic & modern designs; historical reproductions.   | Write in<br>No. 4730                                    |
| Leo Uhlfelder Co.<br>914-664-8701; Fax: 914-664-8728<br>www.uhlfeldergoldleaf.com<br>Mount Vernon, NY 10553                        | Supplier of genuine & imitation gold, silver & aluminum leaf: decorative painting & gilding tools, brushes, books, videos & related items; bronze & aluminum powders.  |   |
| Liberty Head Post & Beam<br>802-434-2120; Fax: 802-434-4929<br>www.libertyheadpostandbeam.com<br>Huntington, VT 05462              | Custom designer of timber-framed structures: joined in the Vermont tradition.  | Write in<br>No. 1233                                    |
| Liberty Ornamental Products<br>800-636-5470; Fax: 419-636-2365<br>www.libertyornamental.com<br>Bryan, OH 43506                     | Manufacturer of metal components: die-cast metal ball tops, caps, shoes & finials; non-rusting pewter finish; plastic ornamental finials & decorative scrolls in a variety of colors; stairs.  | Write in<br>No. 5340                                    |
| Lighting by Hammerworks<br>508-755-3434; Fax: 603-279-7352<br>www.hammerworks.com<br>Worcester, MA 01603                           | Supplier of lighting: Colonial & Arts & Crafts styles; lanterns, post lights, chandeliers & courtyard sign lighting; hand-forged hardware.   | Write in<br>No. 5090                                    |
| <b>Lignomat USA, Ltd.</b><br>800-227-2105; Fax: 503-256-3844<br>www.lignomat.com<br>Portland, OR 97230                             | Supplier of moisture meters & thermo-hygrometers: hand-held moisture meters with & without pins; wireless data recorders for wood moisture, ambient temperature & relative humidity.   | Write in<br>No. 1120                                    |
| Longleaf Lumber, LLC<br>617-871-6611; Fax: 617-871-6615<br>www.longleaflumber.com<br>Cambridge, MA 02138                           | Supplier of antique wood for flooring, beams & dimensional stock: wide planks available in antique heart pine, antique chestnut, reclaimed eastern white pine & antique oak; bamboo & cork.  | Write in<br>No. 272                                     |
| Longwood Antique Woods<br>859-233-2268; Fax: 859-455-9629<br>www.longwoodantiquewoods.com<br>Lexington, KY 40505                   | Supplier of hand-hewn & rough-sawn beams & flooring: salvaged from old tobacco & cotton warehouses, German feed barns & log cabins.  | Write in<br>No. 1844                                    |
| Lynne Rutter Murals & Decorative Painting 415-282-8820; No fax www.lynnerutter.com San Francisco, CA 94107                         | Creator of fine art murals: trompe l'oeil & wall & ceiling murals; painted onsite or on canvas to be installed anywhere; church work; works nationally & internationally.  | Write in<br>No. 4710                                    |
| Maguire Iron Corp.<br>510-234-7569; Fax: 510-232-7519<br>www.maguireironcorporation.com<br>Richmond, CA 94801                      | Manufacturer & supplier of traditional hardware & lanterns: door, cabinet, window, gate & mailbox hardware; knobs & levers with compatible locks, various backsets & functions; wrought iron, pewter, rust, brass & bronze; grilles. | Write in<br>No. 7600                                    |
| Maine Mountain Post & Beam<br>207-935-7234; No fax<br>www.mainemtpostbeam.com<br>Brownfield, ME 04010                              | Timber framer: antique & salvaged barns & other structures; new timber-frame buildings.  |   |
| Manor Style, Inc.<br>800-325-2188; Fax: 443-200-0010<br>6741 Whitestone Rd.<br>Baltimore, MD 21207                                 | Custom fabricator & nationwide supplier of architectural elements: Fypon PVC square columns, newels, panels, arches, trellis & trim; load-bearing fiberglass columns & capitals; preformed balustrading; free literature.            | Write in<br>No. 703                                     |
| Mantels Direct<br>256-765-2171; No fax<br>www.mantelsdirect.com<br>Florence, AL 35630  | Distributor of fireplace mantels: custom wood mantels; cabinet & corner mantels; cast stone, marble & other materials; fireplace surrounds, log sets, fireplaces & fireplace accessories.  | Write in<br>No. 1741                                    |

| Company  | Specialty  | Literature  |
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| Marvin Windows and Doors<br>651-452-3039; Fax: 651-452-3074<br>www.marvin.com<br>Warroad, MN 56763                         | Manufacturer of wood windows & doors: clad & clad/wood; special shapes; custom sizes & more than 11,000 standard sizes; historical replicas; interior & exterior storm windows.  | Write in<br>No. 1263<br>for windows;<br>1907 for door         |
| Mason & Wolf<br>732-866-0451; Fax: 732-866-4264<br>www.mason-wolf.com<br>Freehold, NJ 07728                                | Manufacturer & supplier of traditionally styled wallpaper: Victorian patterns drawn from the last half of the 19th century; Christopher Dresser collection; coordinating borders, friezes, dados & more; for walls & ceilings.             |   |
| Maurer & Shepherd, Joyners<br>860-633-2383; Fax: 860-633-7231<br>122 Naubuc Ave.<br>Glastonbury, CT 06033                  | Supplier of historical reproduction architectural millwork: windows, doors, entryways & raised paneling; pine & mahogany.  | Call for more information.                                    |
| Maurice Chandelier<br>404-237-5402; Fax: 404-261-3640<br>www.mauricechandelier.com<br>Atlanta, GA 30324                    | Supplier of restored antique lighting fixtures: 900 fixtures on display; clocks; furniture; antiques; architectural objects & artwork.   | Write in<br>No. 1920  |
| Mica Lamp Co.<br>818-241-7227; Fax: 818-241-5439<br>www.micalamps.com<br>Glendale, CA 91203                                | Manufacturer of light fixtures: finely detailed copper, iron & mica; period-authentic styles & custom Modern interpretations; outdoor fixtures & ceiling fanlight kits available.  | Write in<br>No. 5370  |
| Michael A. Dow – Woodcarver<br>207-363-7924; Fax: Same as phone<br>www.archcarving.com<br>York, ME 03909                   | Custom wood carver: any style & wood; architectural, ornamental, furniture, mantels & nautical carvings; molding, capitals & signage; wood turnings, model making & antique carving restoration.   | Call for more information.                                    |
| Michael Davis Stained Glass<br>718-383-3712; Fax: Same as phone<br>www.michaeldavisglass.com<br>Long Island City, NY 11101 | Art glass studio: vases, stained-glass commissions & restorations, blown-glass replicas & commissions, bulls-eye & clear glass; custom door & window glass; glass casting & fusing, lighting, architectural installation & consultation.   | Call for more information.                                    |
| Michigan Ornamental Metals<br>201-945-4930; Fax: 201-945-4931<br>www.michiganornamental.com<br>Ridgefield, NJ 07657        | Custom fabricator of metal ornament: columns, capitals, rosettes, wreaths, cornices & ceilings; cupolas, domes, gutters, finials, leaders & leader boxes; stamped/pressed sheet metal; replications & historic reproductions.              | Write in<br>No. 9520  |
| Modern Art Foundry<br>718-728-2030; Fax: 718-267-0819<br>www.modernartfoundry.com<br>Astoria, NY 11105                     | Bronze casting: lost-wax & sand castings; non-<br>ferrous metals; sculpture & commemorative<br>design services; conservation & maintenance;<br>more than 70 years of experience.   | Write in<br>No. 1810  |
| Mon-Ray, Inc.<br>800-544-3646; Fax: 763-546-8977<br>www.monray.com<br>Minneapolis, MN 55427                                | Manufacturer of DeVAC aluminum windows & Mon-Ray secondary windows: replacements for existing windows & interior or exterior storms for existing windows; operating & fixed; for historical residential & commercial projects.             | Write in<br>No. 1042<br>for storm<br>windows;<br>964 for DVAC |
| Monarch Products Co.<br>201-507-5551; Fax: 201-438-2820<br>www.monarchrad.com<br>Carlstadt, NJ 07072                       | Supplier of all-steel radiator enclosures:<br>baked-enamel finishes & grille fronts; stock &<br>custom; for corporate boardrooms, offices,<br>churches, institutions & private residences.   | Write in<br>No. 6060  |
| Moulding Associates, Inc. (MAi)<br>800-394-6680; Fax: 972-487-6584<br>www.maidoors.com<br>Wylie, TX 75098                  | Manufacturer of entry doors in solid mahogany & walnut: extensive design range; art glass with various caming; hand-carved wood panels, beveled TDL French-style doors, staircase parts & more.  | Write in<br>No. 1817  |
| MWT Custom Wood Working, LLC<br>828-322-4061; Fax: 828-322-4364<br>www.mohamadwoodturning.com<br>Hickory, NC 28602         | Supplier of custom wood turnings: roped, twisted, fluted & spiral stairs & stair parts; balusters & columns; Classical styles; exterior & interior.  |   |
| Neumann Studios<br>802-251-9901; Fax: By request<br>www.neumannstudios.com<br>Brattleboro, VT 05301                        | Designer, fabricator & installer of hand-painted stained-glass windows: techniques such as acid-etching; slumped-glass lamps & domes; restoration; for inns, restaurants, libraries, homes & places of worship.                            | TEA SCOTTERS  |
| New Concept Louvers<br>800-635-6448; Fax: 801-489-0614<br>www.newconceptlouvers.com<br>Springville, UT 84663               | Manufacturer of cupolas & louvers: mainte-<br>nance free in custom & stock sizes; 450 col-<br>ors; copper finials, weathervanes, spires, turret<br>caps & accessories, including dormer vents,<br>mailboxes & more.                        | Write in<br>No. 1264  |
| New England Storms<br>207-764-4873; Fax: 207-763-4873<br>www.newenglandstorms.com<br>Hope, ME 04847                        | Manufacturer of wood storm windows: removable screens & panels.  |   |
| New Star Brass & Bronze Works, Inc.<br>718-443-0800; Fax: 718-443-0918<br>www.railingsbynewstar.com<br>Brooklyn, NY 11237  | Custom fabricator of metal railings: spiral, curved, straight & monumental stairs; balusters, railings & newel posts; iron, stainless steel, hand-forged steel, aluminum, bronze & nickel/silver; wood & glass rails; interior & exterior. | Write in<br>No. 3051  |
| Newstamp Lighting Co.<br>508-238-7071; Fax: 508-230-8312<br>www.newstamplighting.com<br>North Easton, MA 02356             | Manufacturer & distributor of exterior lantern-<br>style electric & gas fixtures: lamps, bollards &<br>lanterns; copper, brass, cast iron & aluminum;<br>Arts & Crafts style; stock & custom.  | Write in<br>No. 800   |
| Nicholson & Galloway<br>516-671-3900; Fax: 516-759-3569<br>www.nicholsonandgalloway.com<br>Glen Head, NY 11545             | Full-service exterior & historic-facade restoration contractor: flat, slate, tile & metal roofing; brick, stone, concrete restoration; cupolas & domes of all metals; chimney restoration.   | Write in<br>No. 3067  |

| Company   | Specialty   | Literature  |
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| NIKO Contracting Co., Inc.<br>412-687-1517; Fax: 412-687-7969<br>www.nikocontracting.com<br>Pittsburgh, PA 15213            | Custom fabricator & contractor of sheet metal & roofing: slate, tile & other roofing; storefronts, cornices, cupolas, domes, steeples, snowguards & leader heads; copper, lead-coated copper, zinc & stainless steel; metal ceilings.   | Write in<br>No. 8300<br>for roofing;<br>861 for<br>ceilings |
| Nixalite of America, Inc.<br>800-624-1189; Fax: 309-755-0077<br>www.nixalite.com<br>East Moline, IL 61244                   | Manufacturer of humane bird-control products: stainless-steel needle strips, Fliteline wire deterrent & 3 types of bird netting; visual, chemical & audible systems; free technical & planning services with direct order.              | Write in<br>No. 370   |
| No 9 Studio UK<br>011-44-1769-5404-71;<br>Fax: 011-44-1769-5408-64<br>www.no9uk.com<br>Umberleigh, Devon, UK EX379HF        | Manufacturer of terra-cotta architectural elements: chimneys, sculptural fountains & garden furnishings/ornament; ceramic tile & clay tile roofing; cupolas, finials & vents; special brick & features; mural painting; restoration.    | Write in<br>No. 1672  |
| NOMMA - Nat'l Ornamental & Misc.<br>Metals Assn.<br>888-516-8585; Fax: 770-288-2006<br>www.nomma.org<br>McDonough, GA 30253 | Major trade association: membership of more than 1,000 metal craftspeople; goal is to improve levels of professional excellence in metalwork; visit website to find NOMMA members in your area.   | Write in<br>No. 5170  |
| Notting Hill Decorative Hardware<br>262-248-8890; Fax: 262-248-7876<br>www.nottinghill-usa.com<br>Lake Geneva, WI 53147     | Distributor of high-end hardware: knobs & pulls of hand-cast pewter or bronze, additional plating options, semi-precious stones, enameling & hand painting; Classical, old world, island & lodge motifs.                                | Write in<br>No. 319   |
| Nowell's, Inc.<br>415-332-4933; Fax: 415-332-4936<br>491 Gates 5 Rd.<br>Sausalito, CA 94965                                 | Supplier of antique lighting & reproduction Victorian fixtures: some styles in gas; historically accurate styles from Victorian to mid-20th century; restored antique lighting; oil lamp part replacement.                              | PER INSE  |
| <b>0.K. Foundry Co., Inc.</b><br>804-233-9674; Fax: 804-233-6240<br>www.okfoundrycompany.com<br>Richmond, VA 23224          | Custom fabricator of cast-iron elements: sculpture, columns & capitals, fencing, bollards, stanchions, mantels, fireplaces, chimneys & accessories.   | Write in<br>No. 1894  |
| Oak Leaf Conservatories of York<br>404-851-9753; Fax: 404-250-6283<br>www.oakleafconservatories.com<br>Atlanta, GA 30327    | Designer, custom fabricator & installer of authentic British conservatories, orangeries, garden rooms, pool/spa enclosures & glass domes: handcrafted in England; mortise-&tenon construction, premium-grade mahogany & double glazing. | Write in<br>No. 6860  |
| <b>Old California Lantern Co.</b><br>800-577-6679; Fax: 714-771-5714<br>www.oldcalifornia.com<br>Orange, CA 92867           | Supplier of historically inspired lighting: interior & exterior; many styles from Arts & Crafts to Cottage to Old West.   | Write in<br>No. 1608  |
| Old Carolina Brick Co.<br>704-636-8850; Fax: 704-636-0000<br>www.handmadebrick.com<br>Salisbury, NC 28147                   | Manufacturer of handmade brick, pavers, arches & special shapes: custom & stock designs; restoration consulting & matches.  | Write in<br>No. 3130  |
| <b>Old Town Repair</b><br>781-631-5145; Fax: 781-639-8024<br>www.oldtownrepair.com<br>Marblehead, MA 01945                  | Restorer of historical wood windows & doors: residential & commercial.  |   |
| Olde Mill Lighting, Ltd.<br>717-299-2512; Fax: 717-299-5822<br>www.oldemilllighting.com<br>Lancaster, PA 17602              | Manufacturer of lighting fixtures: chandeliers, sconces, foyer & hall lights & exterior post & wall lamps; aged tin, brass & copper; period American styles; historical reproductions; handcrafted; custom orders.                      | Write in<br>No. 2664  |
| <b>Ornametals, LLC</b><br>256-350-7410; Fax: 256-309-5921<br>www.ornametals.com<br>Decatur, AL 35601                        | Fabricator & distributor of metal roofing & roof ornament: finials, cupolas, crosses, weathervanes, gutters, leader boxes & more; exterior balustrades & cornices; copper & zinc.   | Write in<br>No. 5025  |
| Oshkosh Designs<br>877-582-9977; Fax: 920-582-9971<br>www.oshkoshdesigns.com<br>Winneconne, WI 54986                        | Manufacturer of decorative inlay perimeter, compositions, & parquetry: easy installation; custom work; stock line; geometric & laser/water-jet production; various hardwoods & exotics; stone & metal.                                  | Write in<br>No. 9140  |
| Otterbine Barebo, Inc.<br>800-237-8837; Fax: 610-965-6050<br>www.otterbine.com<br>Emmaus, PA 18049                          | Manufacturer of water-aeration systems: fountains, water-quality management products, surface & sub-surface systems promote natural aerobic digestion of waste, algae & run-off; dewatering pumps, underwater lighting & lake dye.      |   |
| <b>Otteson Co.</b><br>972-317-3120; Fax: 972-317-2812<br>P.O. Box 293060<br>Lewisville, TX 75029                            | Supplier of fine glass for lighting fixtures: chandeliers, sconces, pendants & table lamps; Victorian, Turn of the Century, Art Nouveau & Art Deco; blown-glass shades (principally from Vianne, France); custom projects.              | Write in<br>No. 1045  |
| <b>Oxford Garden</b><br>877-266-8331; Fax: 502-719-8888<br>www.oxfordgarden.com<br>Louisville, KY 40299                     | Manufacturer of landscape furnishings: benches, tables, chairs & accessories; Classic English Benches & Chadwick Collection.  | Write in<br>No. 1838  |
| Pacific Columns<br>800-294-1098; Fax: 714-630-4549<br>www.pacificcolumns.com<br>Brea, CA 92821                              | Supplier of architectural millwork & more: columns, balustrades, wainscoting, door & window trim, metal ceilings & walls, moldings, niches, brackets, medallions, wood carvings & louvers; variety of wood species; urethane millwork.  | Write in<br>No. 88  |
| Pagliacco Turning & Milling<br>415-488-4333; Fax: 415-488-9372<br>www.pagliacco.com<br>Woodacre, CA 94973                   | Manufacturer of columns & other turnings: solid & hollow turnings from 15/8 to 24 in. x 20 ft.; load- & non-load-bearing; balusters, handrails & newel posts; Classical styles; stock & custom turnings.                                | Write in<br>No. 7070  |

| Company   | Specialty   | Literature                                   |
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| Park City Rain Gutter<br>435-649-2805; Fax: 435-649-2605<br>www.pcraingutter.com<br>Park City, UT 84068                         | U.S. distributor of Minoletti half-round gutter products: gutter & downspout brackets, spherical end caps, miter corners, smooth downspout elbows, yoke-style outlets, leader heads, grille vents & rain chains; copper & zinc.                       | Write in<br>No. 957                          |
| Parrett Windows<br>800-541-9527; Fax: 715-654-6555<br>www.parrettwindows.com<br>Dorchester, WI 54425                            | Manufacturer of handcrafted custom wood & clad-wood windows: fixed or operating; any geometric shape; numerous wood species; made to exact specifications; complete finishing capabilities; certified & tested; nationwide distribution.              | Write in<br>No. 3003                         |
| Peck Studios<br>202-331-1966; Fax: Same as phone<br>www.peckstudios.com<br>Washington, DC 20010                                 | Designer & installer of large-scale public decorative works: murals & trompe l'oeil paintings, mosaics, faux finishes, graining, keim mineral systems & gilding.  | Write in<br>No. 208                          |
| Petersen Aluminum Corp.<br>800-323-1960; Fax: 847-956-7968<br>www.pac-clad.com<br>Elk Grove Village, IL 60007                   | Manufacturer of architectural metal roofing panels & trim: Pac-Clad Kynar 500 sheet-metal coating in 25 colors on steel & 15 colors on aluminum.  | ganedr<br>Cav Qsa d<br>Huadmiw<br>W. anbadel |
| Phelps Company<br>802-257-4314; Fax: 802-258-2270<br>www.phelpscompany.com<br>Brattleboro, VT 05301                             | Manufacturer of traditional hot-forged solid-<br>brass window hardware: sash pulleys, weights,<br>chains, lifts & locks; stop-bead adjusters, spring<br>bolts, window ventilation locks, casement hard-<br>ware, storm/screen-door latch sets & more. | Write in<br>No. 6001                         |
| Pinch of the Past<br>912-232-5563; Fax: Same as phone<br>www.pinchofthepast.com<br>Savannah, GA 31401                           | Supplier of architectural antique salvage: antique building materials & complete line of hard-to-find iron, concrete & hardware reproduction items; 25 years of experience.   | Write in<br>No. 1773                         |
| Poligon Div., W.H. Porter<br>800-354-7721; Fax: 616-399-9123<br>www.portercorp.com<br>Holland, MI 49424                         | Manufacturer of pre-engineered, bolted tubular-<br>steel gazebos, shelters, pavilions & enclosed<br>structures: for parks, gardens, streetscapes,<br>benches, courtyards & recreational facilities.   | Write in<br>No. 984                          |
| Premier Mantles<br>800-767-0195; Fax: 256-767-0278<br>www.premiermantles.com<br>Florence, AL 35633                              | Manufacturer of mantels: variety of designs; pedestals; many wood species & marble & granite; common sizes & designs may be stocked locally or can be ordered custom sized.   | ed Jensita                                   |
| <b>PRG, Inc.</b><br>800-774-7891; Fax: 301-279-7885<br>www.prginc.com<br>Rockville, MD 20849                                    | Supplier of crack monitors, Rilem tubes,<br>RecyClean system, moisture survey equipment,<br>epoxies for wood repair, low-toxicity borate wood<br>preservatives, fire-retardant wood finishes,<br>Proprep scrapers, scanners, books & more.            | Write in<br>No. 3030                         |
| Rambusch Decorating Co.<br>201-333-2525; Fax: 201-433-3355<br>www.rambusch.com<br>Jersey City, NJ 07304                         | Designer & fabricator of ecclesiastical art & stained glass: altars, ambos, arks, crosses & more; decorative painting; commercial environments; since 1898.   | Write in<br>No. 8002                         |
| Rambusch Lighting Co Design<br>Studios<br>201-333-2525; Fax: 201-860-9999<br>www.rambusch.com<br>Jersey City, NJ 07304          | Designer & fabricator of custom & engineered lighting for 100 years: for churches & public spaces; conservation & replication of lighting fixtures.   | Write in<br>No. 6310                         |
| <b>REBCO, Inc.</b><br>973-684-0200; Fax: 973-684-0118<br>www.rebcoinc.com<br>Paterson, NJ 07509                                 | Manufacturer of metal commercial doors, entrances, sliders & windows: casement, vent, hopper & fixed; storefront systems; aluminum extrusions, sheets, panels & stock lengths; custom fabrication, colors & finishes.                                 |  |
| Reflection Studios<br>510-652-4884; Fax: 510-658-6138<br>www.reflectionstudios.com<br>Emeryville, CA 94608                      | Designer, fabricator & installer of fine-art glass: commercial, ecclesiastical & residential; conservation & restoration of historic stained glass; design, construction & renovation of stained-glass domes & ceilings.                              |  |
| Reggio Register Co., The<br>800-880-3090; Fax: 978-870-1030<br>www.reggioregister.com<br>Leominster, MA 01453                   | Manufacturer of grilles & registers: for forced-air & high-velocity systems; cast iron, brass, aluminum, zinc & wood; handcrafted to last for generations.  | Write in<br>No. 5810                         |
| Rejuvenation<br>888-401-1900; Fax: 800-526-7329<br>www.rejuvenation.com<br>Portland, OR 97210                                   | Manufacturer of authentic reproduction lighting: more than 500 interior & exterior styles; painted-glass shades; door & window hardware; registers.   | Write in<br>No. 7630                         |
| Remains Lighting<br>212-675-8051; Fax: 212-675-8052<br>www.remains.com<br>New York, NY 10001                                    | Importer & distributor of traditional lighting fix-<br>tures: thousands of antique chandeliers &<br>sconces restored; some made by 19th- & 20th-<br>century designers such as E.F. Caldwell & Co.;<br>new wall & ceiling fixtures; UL listed.         | Write in<br>No. 792                          |
| Renaissance Conservatories<br>800-882-4657; Fax: 717-661-7727<br>www.renaissanceconservatories.com<br>Leola, PA 17540           | Designer, manufacturer & installer of conserva-<br>tories, greenhouses, garden follies, pool enclo-<br>sures, specialty skylights, roof lanterns, domes<br>& garden windows: Classical designs; hand-<br>crafted mahogany components; custom designs. | Write in<br>No. 378                          |
| Restoric, LLC<br>847-492-0416; Fax: 847-492-9816<br>www.restoric.com<br>Evanston, IL 60201                                      | Restoration & construction management: civic, religious & institutional buildings; consultant on stained glass, accessibility & more.   |  |
| Richard Scofield Historic Lighting<br>860-767-7032; Fax: 888-860-9266<br>www.scofieldhistoriclighting.com<br>Ivoryton, CT 06442 | Fabricator of handmade reproduction lighting: antique & custom chandeliers, sconces & lanterns; copper, tin, steel, tin & wood; inspired by American & European designs from 18th & 19th centuries; various finishes.                                 | Write in<br>No. 4170                         |

| Company   | Specialty  | Literature  |
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| <b>Richards-Wilcox, Inc.</b><br>800-877-8456; Fax: 630-897-6994<br>www.rwhardware.com<br>Aurora, IL 60506                       | Manufacturer of historical reproduction door hardware: for slide, swing & slide-fold doors; strap hinges, door pulls, bolts, latches, trucks & track for doors weighing up to 5,000 lbs.; Turn of the Century designs & replicas.                  | Write in<br>No. 1579  |
| Robinson Iron Corp.<br>800-824-2157; Fax: 256-329-8960<br>www.robinsoniron.com<br>Alexander City, AL 35011                      | Designer & installer of custom metalwork:<br>fountains, columns, fences, railings, sculpture,<br>benches, grilles, cupolas, cresting, street light-<br>ing & gazebos; wrought iron/steel, aluminum,<br>bronze & cast iron; historical restoration. | Write in<br>No. 3240  |
| Rohlf's Stained & Leaded Glass Studio<br>800-969-4106; Fax: 914-699-7091<br>www.rohlfstudio.com<br>Mount Vernon, NY 10550       | Designer, fabricator & installer of new stained & leaded glass: restoration & replication; protective glazing; beveled, carved & fused/slumped glass; steel casement retrofitting; mosaics; established in 1920.                                   | Write in<br>No. 6240<br>for stained<br>glass; 1480<br>for windows |
| Rosetta Studio<br>970-667-6265; Fax: Same as phone<br>www.rosettasculpture.com<br>Loveland, CO 80537                            | Sculpture studio: stylized representational bronze sculpture of animal subjects; all sizes; for public, corporate & private placement & commissions.   | gu emiliani<br>ang 1880-yi<br>nagmak yin<br>1961 ili al'asi       |
| Rossi USA Corp.<br>708-493-2206; Fax: 708-493-2869<br>www.rossilimestone.com<br>Bellwood, IL 60104                              | Quarrier & fabricator of French limestone:<br>dimensional cut, tile, pavers, slabs, cleft stones,<br>castle stones, vanities, fireplaces, fountains,<br>retaining walls & sculpture; inventory & show-<br>room in U.S.                             | Write in<br>No. 392   |
| Rutland Gutter Supply<br>407-859-1119; Fax: 407-859-1123<br>www.rutlandguttersupply.com<br>Orlando, FL 32824                    | Manufacturer of roof drainage systems: copper gutters, leader heads, chimney caps, finials, soffit vents, elbows, miters, pipes, end caps & copper balls.  | Write in<br>No. 1609  |
| Saint-Jacques Artisans Workshops<br>312-943-0351; Fax: Same as phone<br>5458 N. Magnolia St.<br>Chicago, IL 60640               | Supplier of French architectural crafts: cabinet making, decorative metalwork, high-end woodwork, joinery, ornamental stone carving & wrought ironwork.  |   |
| Schiff Architectural Detail<br>617-887-0202; Fax: 617-887-0127<br>www.schiffarchitectural.com<br>Chelsea, MA 02150              | Custom fabricator of metalwork: exterior lamps, lampposts, plaques, fences, fountains, interior & exterior railings & grilles; non-ferrous forged work; machine-shop service; rubber molding & pattern work; historical restoration.               | Write in<br>No. 7730  |
| Schwartz's Forge & Metalworks, Inc.<br>315-841-4477; Fax: 315-841-4694<br>www.schwartzsforge.com<br>Deansboro, NY 13328         | Custom fabricator of architectural metalwork: straight, spiral & curved stairs; doors, railings, newel posts, lighting, gates, fences, grilles & fountains; forged bronze, monel steel & stainless steel; historical restoration.                  | Write in<br>No. 1218  |
| Scottsdale Art Factory<br>800-292-0008; Fax: 800-292-0046<br>www.artfactory.com<br>Scottsdale, AZ 85260                         | Custom manufacturer of furniture, grand entrance doors, gates, lighting & hardware: handmade in exotic woods, stone, copper, iron & leathers; more than nine decades of craftsmanship.   | Write in<br>No. 1625  |
| Seal Reinforced Fiberglass, Inc.<br>631-842-2230; Fax: 631-842-2276<br>www.sealfiberglass.com<br>Copiague, NY 11726             | Supplier of FRP building components: cornices, cupolas, columns, balustrades, brackets, planters, urns, water features & garden ornament; full-service mold & tool fabricator; onsite molds.   | Write in<br>No. 4620<br>for cornice<br>1353 for<br>cupolas        |
| Seekircher Steel Window Repair Corp.<br>914-734-8004; Fax: 914-734-8009<br>www.seekirchersteelwindow.com<br>Peekskill, NY 10566 | Restorer of steel casement windows & doors: all work done on site; repaired & restored steel windows & doors at Frank Lloyd Wright's Fallingwater; vintage steel casement windows & doors; more than 6,000 windows repaired annually.              | Write in<br>No. 3590  |
| <b>Seibert &amp; Rice</b><br>973-467-8266; Fax: 973-379-2536<br>www.seibert-rice.com<br>Short Hills, NJ 07078                   | Importer of handmade Italian terra-cotta items: benches, garden planters, urns & ornaments; high relief, fine detailing & frost proof; from Impruneta, Italy; extensive inventory; custom capabilities; catalog \$5.                               | Write in<br>No. 5500  |
| Sepp Leaf Products, Inc.<br>800-971-7377; Fax: 212-725-0308<br>www.seppleaf.com<br>New York, NY 10016                           | Supplier of genuine gold & metal leaf, gilding tools & supplies: leaf in loose, patent & ribbon forms; interior & exterior work; Liberon paste waxes & wood finishing products; mica powders & Mixol Universal Tints; Venetian plaster.            | Write in<br>No. 2880<br>for gold lea<br>1006 for<br>Kolcaustic    |
| Serpentino Stained & Leaded Glass<br>781-449-2074; Fax: 781-449-0821<br>www.serpentinostainedglass.com<br>Needham, MA 02494     | Manufacturer & installer of art glass: stained & leaded glass; leaded & painted designs; replications of historical patterns, restoration & conservation.  |   |
| Shuttercraft, Inc.<br>203-245-2608; Fax: 203-245-5969<br>www.shuttercraft.com<br>Madison, CT 06443                              | Manufacturer of interior & exterior shutters: cedar & mahogany; all sizes; movable & fixed louvers, raised panels, board-&-batten & cutouts; hinges, holdbacks; interior shutters in poplar, basswood & red oak; painting services.                | Write in<br>No. 1321  |
| Signature Hardware<br>866-855-2284; Fax: 800-682-6826<br>www.signaturehardware.com<br>Erlanger, KY 41017                        | Direct distributor of bathroom supplies: castiron & acrylic clawfoot bathtubs, porcelain sinks, brass faucets, shower rods & rings; floor registers & air returns: decorative door, window & gate hardware; lighting; mailboxes.                   | Write in<br>No. 1376  |
| <b>SnoBlox, Inc.</b><br>717-697-1900; Fax: 717-697-2452<br>www.snojax.com<br>Mechanicsburg, PA 17055                            | Supplier of polycarbonate snowguards: for use on metal roofs; 2 sizes; adhesive or screw mounted; snowguards for roof vents & chimneys.  | Write in<br>No. 1758  |
| Solar Innovations, Inc.<br>800-618-0669; Fax: 717-933-1393<br>www.solarinnovations.com<br>Myerstown, PA 17067                   | Designer, fabricator & installer of standard & custom glazed structures: conservatories, greenhouses, skylights, glass domes, folding glass walls, pool/spa enclosures, sunrooms & canopies; all aluminum & aluminum/wood.                         | Write in<br>No. 1174  |

| Company  | Specialty   | Literature  |
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| <b>St. Louis Antique Lighting Co.</b> 314-863-1414; Fax: 314-863-6702 801 N. Skinker Blvd. Saint Louis, MO 63130         | Manufacturer & supplier of architectural light-<br>ing: all styles; historical reproductions & cus-<br>tom lighting; restoration services; commercial<br>& ecclesiastical projects.   | Write in<br>No. 6190                                    |
| Steptoe & Wife Antiques Ltd.<br>800-461-0060; Fax: 416-780-1814<br>www.steptoewife.com<br>Toronto, ON, Canada M6B 1V9    | Fabricator of architectural metalwork: spiral & straight staircases, railings, capitals, gates & grilles; copper, iron, aluminum, steel, brass & bronze fabrication for renovation & restoration projects; tin ceilings in Canada only. | Write in<br>No. 470 for<br>stairs; 9202<br>for ceilings |
| Sterling Staircase & Handrail<br>802-253-6339; Fax: 802-253-7652<br>www.sterlingstaircase.com<br>Stowe, VT 05672         | Custom fabricator & installer of curved wood staircases: handrails, newel posts & custom turnings up to 9 ft. long & 3 ft. in dia.; products shipped internationally.   | Write in<br>No. 547                                     |
| Sternberg Lighting<br>847-588-3400; Fax: 847-588-3440<br>www.sternberglighting.com<br>Roselle, IL 60172                  | Manufacturer of traditional & architectural lighting luminaires, poles, bollards, site amenities & landscape furnishings: wide selection of high-performance lamping reflectors, refractors & NightSky optical systems for luminaries.  | Write in<br>No. 6740                                    |
| Steven Handelman Studios<br>805-962-5119; Fax: 805-966-9529<br>www.stevenhandelmanstudios.com<br>Santa Barbara, CA 93103 | Manufacturer of hand-forged traditional light-<br>ing, grilles & fireplace accessories: many types<br>& styles of lighting & grilles; fireplace screens,<br>grates & inserts; historic reproduction &<br>restoration services.          | Write in No. 483  |
| Stone Decora<br>818-986-1171; Fax: 818-907-0343<br>www.stonedecora.com<br>Pacific Palisades, CA 90270                    | Custom hand carver of natural-stone products: limestone, cantera, adoquin, travertine, marble & sandstone quarried in Europe & Mexico; fireplaces, fountains, columns, balustrades, molding, sculpture & custom work.                   |   |
| Strybuc Industries<br>800-352-0800; Fax: 610-534-3202<br>www.strybuc.com<br>Sharon Hill, PA 19079                        | Supplier of replacement door & window hardware: screen & storm doors; shutter hardware; parts for renovation/restoration projects; through distributors only, no direct sales to end users; catalog of more than 4,000 drawings.        |   |
| Superior Moulding, Inc.<br>800-473-1415; Fax: 818-376-1314<br>www.superiormoulding.com<br>Van Nuys, CA 91411             | Supplier of architectural & ornamental woodwork: molding, straight & curved stairs, rails, balusters, spindles, newel posts, treads, ceiling medallions, furniture legs, columns, capitals & more; custom turnings; all wood species.   | Write in<br>No. 138                                     |
| T. Morton & Co. Custom Wood Flooring<br>717-278-0513; Fax: 717-278-9483<br>www.tmorton.com<br>Lancaster, PA 17607        | Supplier of custom wood flooring: many species, various lengths, finishes & colors.   |   |
| Tanglewood Conservatories<br>410-479-4700; Fax: 410-479-4797<br>www.tanglewoodconservatories.com<br>Denton, MD 21629     | Manufacturer of handcrafted conservatories, greenhouses, gazebos, roof lanterns, cupolas & pool enclosures: Honduras mahogany; custom designs; fully engineered with stamped shop drawings; storefronts.                                | Write in<br>No. 8270                                    |
| Texas Metal Industries, Inc.<br>800-222-6033; Fax: 800-472-3807<br>www.texasmetalindustries.com<br>Crandall, TX 75114    | Supplier of ornamental castings: furniture, gates, fences, mailboxes, signage, finials, balustrades, stair railings, fountains, benches, grilles, lampposts & urns; aluminum, cast iron & forged steel.                                 | Write in<br>No. 9430                                    |
| The Nanz Company<br>212-367-7000; Fax: 212-367-7375<br>www.nanz.com<br>New York, NY 10013                                | Designer & manufacturer of period door & window hardware: Gothic, Moderne & other styles; metal finishing; consultation, specification & restoration services.  | Call for more information.                              |
| The Period Arts Fan Co.<br>888-588-3267; Fax: 541-482-8418<br>www.periodartsfanco.com<br>Ashland, OR 97520               | Supplier of traditionally styled ceiling fans:<br>Arts & Crafts, Neoclassical, Art Nouveau,<br>Bauhaus, French Art Deco & more styles.  | Write in<br>No. 1837                                    |
| The Sculpture Foundation<br>310-264-2400; Fax: 310-264-2403<br>www.sewardjohnson.com<br>Santa Monica, CA 90404           | Sculptor: J. Seward Johnson, Jr.; realistic, life-<br>size bronze exterior & garden sculpture.  | Call for more information.                              |
| The Shutter Depot<br>706-672-1214; Fax: 706-672-1122<br>www.theshutterdepot.com<br>Greenville, GA 30222                  | Supplier of shutters & shutter hardware: 2 <sup>1</sup> / <sub>2</sub> -in. movable, raised-panel & fixed louvers; interior & exterior; finished & unfinished; custom & stock.  | Write in<br>No. 6830                                    |
| The Verdin Company<br>800-543-0488; Fax: 513-241-1855<br>www.verdin.com<br>Cincinnati, OH 45202                          | Manufacturer of new bells & bell-ringing equipment: electronic carillons, street clocks, clock chiming systems, tower clocks & life-size heroic monuments; representatives throughout the country.                                      |   |
| The Wagner Companies<br>888-243-6914; Fax: 414-214-0450<br>www.wagnercompanies.com<br>Butler, WI 53007                   | Supplier of ornamental metalwork: handrail moldings & fittings, posts, balusters, forged components & panels & decorative castings & stampings; ornamental hollow balls & hemispheres; spiral stairs; custom bending for railings.      | Write in<br>No. 8035                                    |
| Tidewater Millwork<br>207-443-8020; Fax: 207-443-8022<br>www.tidewatermillwork.com<br>Woolwich, ME 04579                 | Fabricator of architectural millwork: entryways, doors, sash, molding, curved millwork, reproduction of historic millwork & more.   | Write in<br>No. 1835                                    |

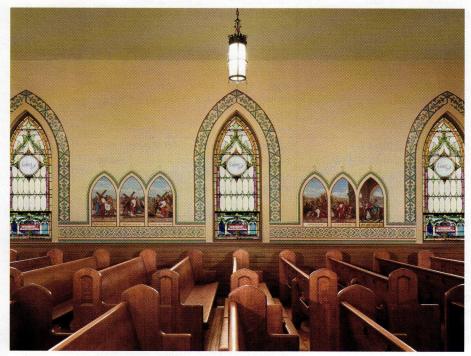
| Company  | Specialty   | Literature   |
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| <b>Tile Roofs, Inc.</b><br>888-708-8453; Fax: 708-479-7865<br>www.tileroofs.com<br>Frankfort, IL 60423                           | Supplier & installer of clay tile, concrete tile & slate roofing: architectural sheetmetal; historic restoration; large inventory of salvaged slate, clay tile, concrete tile, finials & hard-to-find fittings; all tile in stock.                      | Write in<br>No. 4570                                     |
| Tile Source, Inc.<br>843-689-9151; Fax: 843-689-9161<br>www.tile-source.com<br>Hilton Head Island, SC 29926                      | Supplier of genuine encaustic tile, simulated reproductions & Victorian-style wall & fireplace tile: advice on economical restoration of 19th-century ceramic floors for public buildings, courthouses & private homes.                                 | Write in<br>No. 2846<br>for tile;<br>8121 for<br>plaques |
| Timberlane, Inc.<br>215-616-0600; Fax: 215-616-0749<br>www.timberlane.com<br>Montgomeryville, PA 18936                           | Custom fabricator of handcrafted exterior shutters: more than 25 historically accurate styles & custom designs; available in maintenance-free Endurian or traditional western red cedar; large selection of exterior shutter hardware.                  | Write in<br>No. 1056;<br>1925 for<br>Endurian            |
| <b>Timberpeg</b><br>800-636-2424; Fax: 603-298-5425<br>www.timberpeg.com<br>W. Lebanon, NH 03784                                 | Manufacturer of timber-frame structures: inde-<br>pendent representatives provide local service;<br>architectural & engineering staff facilitates com-<br>munication with outside architects & designers;<br>trusses, roof systems & complete packages. | Write in<br>No. 8370                                     |
| Torrance Steel Window Co.<br>310-328-9181; Fax: 310-328-7485<br>www.torrancesteelwindow.com<br>Torrance, CA 90501                | Custom fabricator of steel casement windows, doors, storefronts & skylights: light-, standard- & heavy-intermediate grades; stock & custom sizes.   | Write in<br>No. 8330                                     |
| Town & Country Conservatories<br>773-506-8000; No fax<br>www.townandcountryus.com<br>Chicago, IL 60640                           | Custom designer & builder of imported English conservatories, pool enclosures, garden houses & roof lanterns: hardwood & thermal-clad aluminum; traditional details; national sales & service; brochure & planning & design guide.                      |  |
| Towne House Restorations<br>718-497-9200; Fax: 718-497-3556<br>www.townehouserestorations.com<br>Brooklyn, NY 11206              | Manufacturer of molded ornament: columns, capitals, cornices, balustrades, sculpture & more; cast stone & GFRC; pattern restoration, color matching, field molds, field surveys, shop drawings & engineering; terra-cotta restoration.                  | Write in<br>No. 545                                      |
| Traditional Cut Stone, Ltd.<br>416-652-8434; Fax: 905-673-8434<br>www.traditionalcutstone.com<br>Mississauga, ON, Canada L5S 1S1 | European master carvers: architectural ornamentation & monumental statuary; carvedstone mantels; restoration; historical reproduction in limestone, sandstone & marble; stone design with clay & plaster models; hand-drawn renderings.                 | Write in<br>No. 2902                                     |
| Tremont Nail Co.<br>800-842-0560; Fax: 508-295-1365<br>www.tremontnail.com<br>Mansfield, MA 02048                                | Supplier of antique steel-cut nails: for flooring, siding, furniture & doors; decorative heads; heavy-duty & galvanized nails; 20 different patterns; Colonial hardware for doors & gates.  | Write in<br>No. 2669                                     |
| Trow & Holden<br>800-451-4349; Fax: 802-476-7025<br>www.trowandholden.com<br>Barre, VT 05641                                     | Manufacturer of stone-carving tools: air & hand hammers; steel & carbide chisels for soft & hard stone; pneumatic mortar-removal kits for fine repointing work; stone-masonry & -splitting tools.   | Write in<br>No. 1058                                     |
| Tuscan Imports<br>843-667-9101; Fax: 803-753-9922<br>www.tuscanimports.com<br>Florence, SC 29505                                 | Supplier of handcrafted Italian terra-cotta planters: variety of shapes & sizes; frost proof; commercial & residential applications.  | Write in<br>No. 2563                                     |
| Under Glass Mfg. Corp.<br>845-687-4700; Fax: 845-687-4957<br>www.underglassusa.com<br>High Falls, NY 12440                       | Manufacturer of aluminum & glass greenhouses, solariums & sunrooms: curved or straight eaves & slim glazing bars to channel condensation; standard & custom models; lean-to & even span, attached or freestanding.                                      | Write in<br>No. 3510                                     |
| Van Dyke's Restorers<br>800-787-3355; Fax: 605-796-8888<br>www.vandykes.com<br>Woonsocket, SD 57385                              | Supplier of hardware, lighting & antique furniture: gate hardware, 6 finishes; brass hardware for renovation; lamp repair; lumber, veneer, wood carvings & molding; all wholesale prices; catalog \$1.  | Write in<br>No. 1665                                     |
| Vande Hey Raleigh Mfg.<br>800-236-8453; Fax: 920-766-0776<br>www.vrmtile.com<br>Little Chute, WI 54140                           | Manufacturer of architectural concrete roofing tile: 9 styles, 20 standard colors & unlimited color combinations; trim flashing, snowguards, copper gutters, cupolas & weathervanes; restoration & new construction.                                    | Write in<br>No. 2840                                     |
| Vermont Natural Coatings<br>802-472-8700; Fax: 802-472-5227<br>www.vermontnaturalcoatings.com<br>Hardwick, VT 05843              | Supplier of Poly Whey environmentally safe wood finishes: low VOC levels to meet LEED standards.  |  |
| Vermont Timber Works, Inc.<br>802-886-1917; Fax: 802-886-6188<br>www.vermonttimberworks.com<br>North Springfield, VT 05150       | Custom fabricator of timber frames & trusses: fir, oak, pine & hemlock; traditional mortise-&-tenon joinery & hardwood pegs; residential & commercial buildings.  | Write in<br>No. 927                                      |
| Vetrazzo, LLC<br>510-234-5550; Fax: 510-234-7890<br>www.vetrazzo.com<br>Richmond, CA 94804                                       | Supplier of recycled glass material: can be used for countertops, mantels, table tops, walls & flooring; 14 different styles available.   |  |
| Village Restorations & Consulting, Inc.<br>814-239-8200; Fax: 814-239-2165<br>www.villagerestorations.com<br>Claysburg, PA 16625 | Supplier of salvaged stone, barns & timbers.  |  |

| Company   | Specialty   | Literature           |
|---|---|----------------------|
| Vintage Woodworks<br>903-356-2158; Fax: 903-356-3023<br>www.vintagewoodworks.com<br>Quinlan, TX 75474             | Manufacturer & supplier of Victorian millwork: wood porch parts, turned posts, turned & sawn balusters, railings, brackets, corbels, customlength spandrels, screen/storm doors, mantels, wood shingles & more; cellular PVC profiles.          | Write in<br>No. 1061 |
| Vixen Hill Shutters<br>800-423-2766; Fax: 610-286-2099<br>www.vixenhill.com<br>Elverson, PA 19520                 | Custom fabricator of shutters: blind-pocketed & teak-pegged (no glue); old-growth red cedar; more than 26 styles; pair sizes to 6x10 ft.; shutter hardware.   | Write in<br>No. 1230 |
| Von Morris Corp.<br>800-646-6888; Fax: 800-646-8988<br>www.vonmorris.com<br>Camden, NJ 08102                      | Fabricator of architectural hardware: knobs, levers, locks, hinges & cabinet hardware; 30 different finishes.   | Write in<br>No. 1864 |
| W.F. Norman Corp.<br>800-641-4038; Fax: 417-667-2708<br>www.wfnorman.com<br>Nevada, MO 64772                      | Manufacturer of sheet-metal ornament: hundreds of stock designs; cornices, moldings, brackets, pressed-metal ceilings, roofing, siding, finials & more; zinc, copper & lead-coated copper; duplication from samples or drawings.                | Write in<br>No. 520  |
| Warner Bros. Studio Facilities<br>818-954-3000; Fax: 818-954-7829<br>www.wbsf.com<br>Burbank, CA 91522            | Custom fabricator of architectural ornament & murals: balustrades, columns, capitals & moldings in fiberglass & plaster; fine-art reproduction, restoration & trompe l'oeil; interior & exterior decoration.                                    | Write in<br>No. 778  |
| <b>Waterfall Creations, Inc.</b><br>646-270-8820; No fax<br>www.gregnagindesigns.com<br>Nyack, NY 10960           | Designer & builder of fountains, waterfalls & original sculptures for water features: since 1978.   |                      |
| Watertrol, Inc.<br>908-389-1690; Fax: 908-389-9480<br>www.watertrolinc.com<br>Scotch Plains, NJ 07076             | Restorer of exterior masonry & terra cotta: reconstruction, structural stabilization, specialty roofing, exterior building cleaning & specialty anchoring.  | Write in No. 218     |
| Weather Shield Mfg. Co.<br>800-222-2995; Fax: 715-748-0169<br>www.weathershield.com<br>Medford, WI 54451          | Manufacturer of wood & vinyl windows & doors: tilt, double hung, casement, entry doors & more; historical replacement & new construction; window hardware.  |                      |
| <b>Weathercap, Inc.</b><br>985-649-4000; Fax: 985-847-1237<br>www.weathercap.net<br>Slidell, LA 70459             | Manufacturer of soft-lead strips: set & bedded in caulking compound/sealant; forms a cap to create a permanent elastic seal for any masonry joint.  | Write in<br>No. 504  |
| What It's Worth<br>512-328-8837; Fax: Same as phone<br>www.wiwpine.com<br>Austin, TX 78716                        | Supplier of antique longleaf heart-pine flooring, dimensional lumber, posts & beams: clear vertical-grain quartersawn cuts.   | Write in<br>No. 1464 |
| White River Hardwoods-Woodworks<br>800-558-0119; Fax: 479-444-0406<br>www.mouldings.com<br>Fayetteville, AR 72701 | Manufacturer of architectural millwork: Mon<br>Reale moldings, authentic hand-carved linden<br>products & adornments for cabinetry & furni-<br>ture in cherry & maple; in stock lineals, finials,<br>mantels & range hoods; ceiling medallions. | Write in<br>No. 1099 |
| Wiemann Ironworks<br>918-592-1700; Fax: 918-592-2385<br>www.wiemanniron.com<br>Tulsa, OK 74104                    | Designer, fabricator, finisher & installer of custom ornamental metalwork: capitals, railings, fences, gates, balustrades, lighting, grilles, furniture, doors & more; cast & wrought iron, bronze & aluminum; hardware; CAD services.          | Write in<br>No. 1223 |

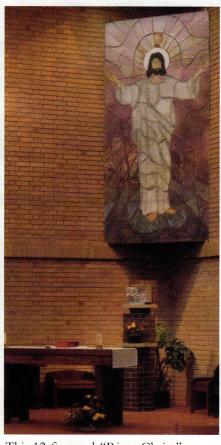
| Company   | Specialty  | Literature           |
|---|--|----------------------|
| Wightman Specialty Woods<br>917-692-0057; Fax: 607-286-7136<br>www.wightmanspecialtywoods.com<br>Portlandville, NY 13834        | Supplier of specialty woods: flooring, wainscoting, molding, paneling; interior & exterior products; grown & manufactured in NY.   |                      |
| Wilbur, Frederick - Woodcarver<br>434-263-4827; Fax: 434-263-5958<br>www.frederickwilbur-woodcarver.com<br>Lovingston, VA 22949 | Wood carver: ecclesiastical elements, Gothic tracery, reredos & wood screens; columns, furniture, mantels, casing/molding, friezes, rosettes, heraldry, signage & doors; all wood species; original designs; reproductions.              | Write in<br>No. 1650 |
| Willet Hauser Architectural Glass<br>800-533-3960; Fax: 507-457-0554<br>www.willethauser.com<br>Winona, MN 55987                | Art-glass studio: hand-carved, leaded & faceted stained glass; design, fabrication, repair & historical restoration; mosaics; for religious, commercial & residential buildings; since 1898.   | Write in<br>No. 2674 |
| Williams Stained Glass<br>412-344-0220; Fax: 412-344-0219<br>www.williamsstainedglass.com<br>Castle Shannon, PA 15234           | Designer, fabricator & installer of custom art glass: residential, commercial & ecclesiastical application; restoration services for historic stained glass; full-service studio.  |                      |
| Wm. J. Rigby Co.<br>607-547-1900; No fax<br>www.wmjrigby.com<br>Cooperstown, NY 13326   | Supplier of unused, original stock builders hardware: for doors, windows & furniture; variety of styles & finishes; stock from ca. 1860 to 1940; hardware restoration.   | Write in<br>No. 8410 |
| Wood Window Workshop<br>800-724-3081; Fax: 315-733-0933<br>www.woodwindowworkshop.com<br>Utica, NY 13501                        | Custom fabricator of wood windows, doors, storms & screens: any size, shape & species; full mortise-&-tenon construction, true-divided lite, hard-to-find hardware & restoration & insulated glass; factory finishes; reproductions.     | Write in<br>No. 9640 |
| <b>Woodline Co.</b><br>562-436-3771; Fax: 562-436-8891<br>www.woodlineusa.com<br>Long Beach, CA 90813                           | Manufacturer of hand- & machine-carved architectural wood elements: corbels, capitals, columns, balusters, newel posts, rosettes & more; many species; custom designs also available.  | Write in<br>No. 5240 |
| Woodstone Co., The<br>802-722-9217; Fax: 802-722-9528<br>www.woodstone.com<br>Westminister, VT 05158                            | Custom fabricator, distributor & supplier of doors, windows & shutters: paneled doors & complete entryways; storm & screen doors; screen windows; most wood species; coped mortise-&-tenon joinery; historical & landmark specifications | Write in<br>No. 8430 |
| Woolen Mill Fan Co.<br>717-382-4754; Fax: 717-382-4275<br>www.architecturalfans.com<br>New Park, PA 17352                       | Manufacturer of decorative ceiling fans: historic & new designs; belt-&-pulley models & beltless single-motor units; iron, bronze & aluminum castings.   | Write in<br>No. 316  |
| <b>Wright Co., John</b> 800-444-9364; Fax: 717-892-1258 P.O. Box 269 Wrightsville, PA 17368                                     | Manufacturer of cast-metal products: hard-ware, brackets, tie-backs & more; garden furniture & accessories.  | Write in<br>No. 193  |
| Zeluck Doors & Windows<br>800-233-0101; Fax: 718-531-2564<br>www.zeluck.com<br>Brooklyn, NY 11234                               | Manufacturer of custom architectural windows & doors: glass, timber & hardware; garage doors; French doors; residential, commercial & historical/landmark projects; since 1921.  | Write in<br>No. 6920 |

# **Artwork, Art Glass & Furnishings**

For full contact information on these companies, consult the Sourcelist on p. 44.



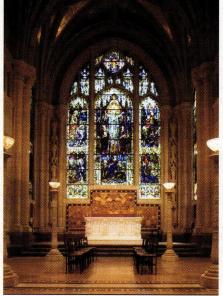
Artists at **Canning Studios** restored the "Stations of the Cross" paintings at The Most Holy Trinity Church in Pomfret, CT. *Write in No. 5100* 



This 12-ft. mural, "Risen Christ," was painted by **No 9 Studio UK** for a church in Maidenhead, UK. *Write in No. 1672* 



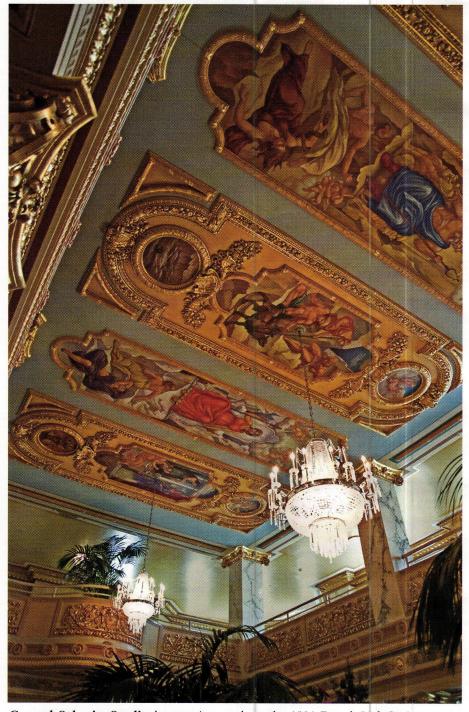
Rambusch Decorating Co. designed, created and installed this mosaic figure of Moses at the Basilica of the National Shrine of the Immaculate Conception in Washing-ton, DC; it is part of the scene of the Transfiguration. *Write in No. 8002* 



Rohlf's Stained & Leaded Glass Studio removed, restored and re-installed this window in St. Saviour's Chapel at the Cathedral of St. John the Divine in New York City. Write in No. 6240



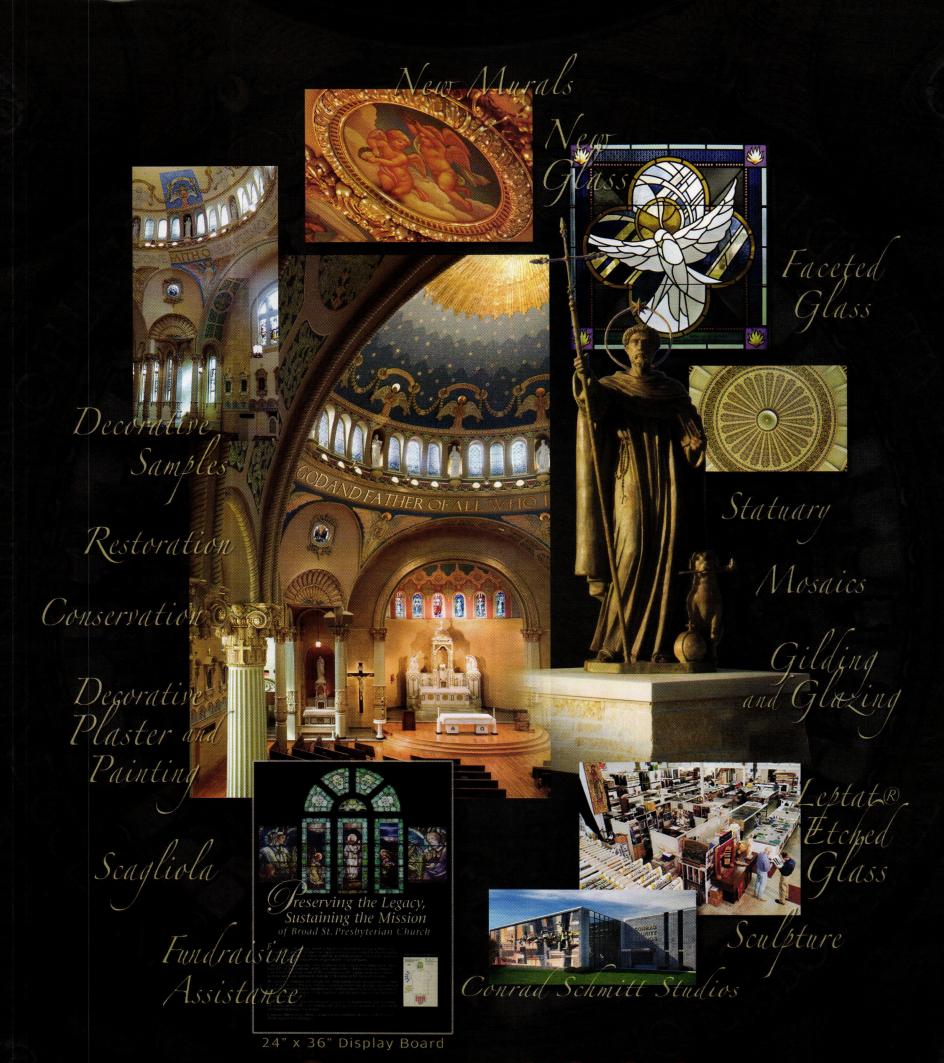
Modern Art Foundry's Ann Marie McDonnell created this 24x13x13-in. bronze, entitled "Rook." Write in No. 1810



**Conrad Schmitt Studios**' restoration work at the 1901 French Lick Springs Hotel included creating these new murals on the ceiling of the west corridor. *Write in No. 8040* 



**Bovard Studio** reconstructed this historic stained-glass barrel-vault ceiling that had been removed from the Montana State Capitol in Helena, MT. *Write in No.* 7690



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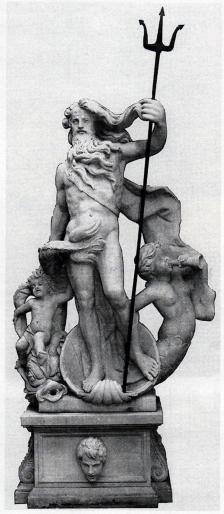
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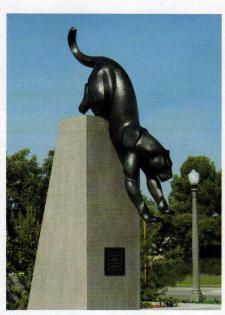
This hand-carved stone Neptune with base, measuring 102 in. tall x 57 in. wide x 26 in. deep, was created by **Architectural Pottery**. *Write in No. 20* 



These statues, "Summer," "Autumn" and "Winter," were created by **Haddonstone** (USA). Write in No. 4020



Art Design Group created several historic scenes for the Maxwell Street Project in Chicago, IL, including this statue of a woman with her groceries. Write in No. 1793



"The Leap" by **Rosetta Studio** is installed at Chapman University in Orange, CA.



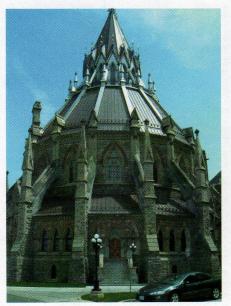
Dan Sinclair of **DMS Studios** sculpted this statue of St. Michael in battle with Lucifer for a project in California. *Write in No. 262* 



This 9½-ft.-tall statue of Lord Nelson was produced by the artisans at **Traditional Cut Stone**. *Write in No. 2902* 



**Jon Hair Studio of Fine Art** created these life-size bronze historic figures (from left) of John Wesley, Amelia Earhart and Dr. Martin Luther King.



**Eve Guinan Design** restored the traditional stained-glass windows for the Library of Parliament in Ottawa, Canada.



Handcrafted drapery hardware from **Gaby's Shoppe** is offered in many styles. *Write in No. 2520* 



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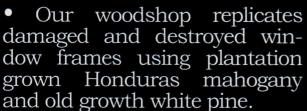


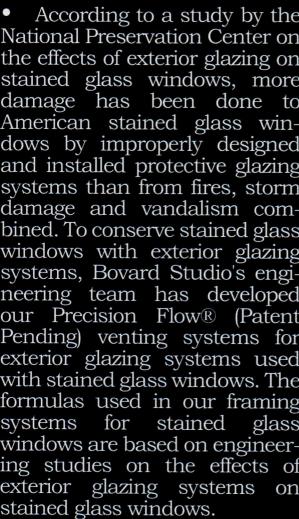
Above: Ron and Greg Bovard

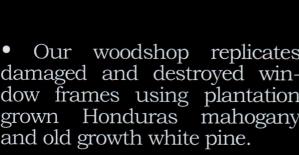
Attend Ron Bovard's seminar, "Restoring, Maintaining & Repairing Stained Glass Windows: Exterior Glazing & Framing Systems for the Preser-Stained Glass vation of Windows" (for one AIA/CES Learning Unit), at Boston's Hynes Convention Center on Friday, March 14, 2008, 8:30 a.m.

### The AIA National Convention May 15-17, 2008









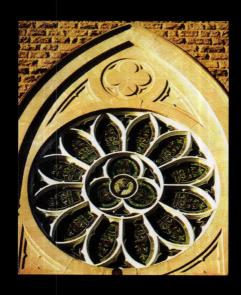
According to a study by the National Preservation Center on the effects of exterior glazing on stained glass windows, more damage has been done to American stained glass windows by improperly designed and installed protective glazing systems than from fires, storm damage and vandalism combined. To conserve stained glass windows with exterior glazing systems, Bovard Studio's engineering team has developed our Precision Flow® (Patent Pending) venting systems for exterior glazing systems used with stained glass windows. The formulas used in our framing systems for stained glass windows are based on engineering studies on the effects of exterior glazing systems on stained glass windows.



Above: Louis Tiffany's masterpiece, The Good Shepherd, was exhibited in the 1893 World Columbian Exhibition representing his finest production in glass. This Good Shepherd window was purchased by Judge D. N. Cooley's family as the memorial for him and his wife Clara for St. Luke's United Methodist Church, Dubuque, Iowa, where it was installed in 1896. Bovard Studio was selected to restore this historic Tiffany masterpiece in 2002.



Above: Replacement frame for First Presbyterian Church, Fort Smith, Arkansas



Above: First United Methodist Church, Iowa City, Iowa. Rose window with Bovard Studio's aluminum Precision Flow® framing system bent to match the original historic Rose window frame.

Bovard Studio Inc. at 800-452-7796, or email info@bovardstudio.com, CALL: for all your stained glass needs. Our staff of 70 stained glass professionals provide reliable service for an outstanding product.

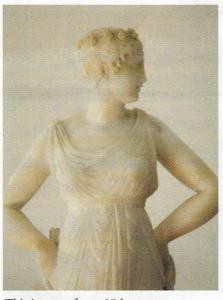
> 2281 Highway 34 East, Fairfield, Iowa 52556-8560 Tel: 641-472-2824 • Fax: 641-472-0974 www.bovardstudio.com



This large-scale (8x18-ft.) mural was painted by **Peck Studios** for the American Legacy Foundation. *Write in No. 208* 



Painted by Lynne Rutter Murals & Decorative Painting, "Diego," a giant blue and gold macaw parrot, watches over patrons at the New Spot restaurant in San Francisco. Write in No. 4710



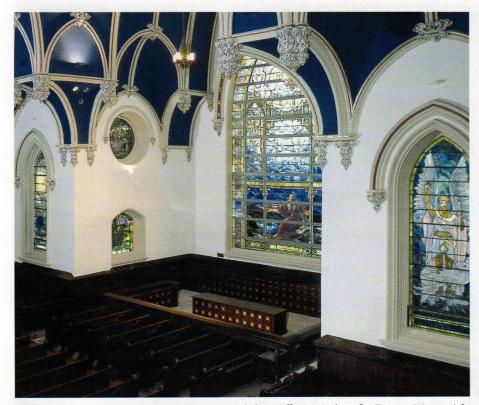
This is one of two 18th-century alabaster figures restored by **Gerald Siciliano Studio**. *Write in No. 187* 



EverGreene Painting Studios recreated six monumental WPA-era murals, which had been destroyed by a fire in 1942, for Fair Park in Dallas, TX. Write in No. 2460



**Reflection Studios**' art-glass panel, "The Emerald Lady," is an interpretive adaptation of the original art by Jiang.



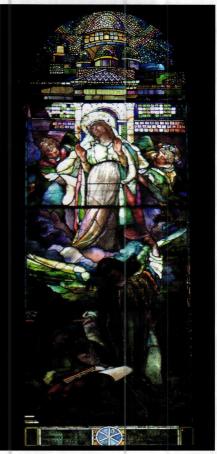
**Willet Hauser Architectural Glass** restored this Tiffany window for Brown Memorial Park Avenue Presbyterian Church in Baltimore, MD. *Write in No. 2674* 



"Coastal Reflections of Fort Walton Beach," Florida, a 4½ x 15-ft. mosaic, was created by **Fishman Mosaics** for a bank lobby in Florida. *Write in No. 183* 



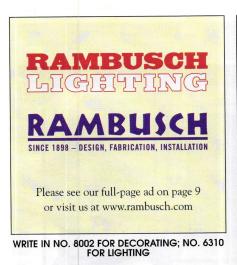
This door panel was created by **Lehmann Glass** using wheel-cutting technology for a building in Chicago, IL. *Write in No. 4730* 

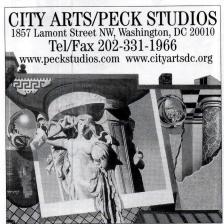


Craftsmen from **Serpentino Stained Glass** restored this 1884 La Farge opalescent glass window, "New Jerusalem," for Trinity Church in Boston, MA.



"The Protectress" was created by the stained-glass artists at Neumann Studios.





WRITE IN NO. 208



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WRITE IN NO. 183

When contacting companies you've seen in the issue, please tell them you saw their listing in Traditional Building.



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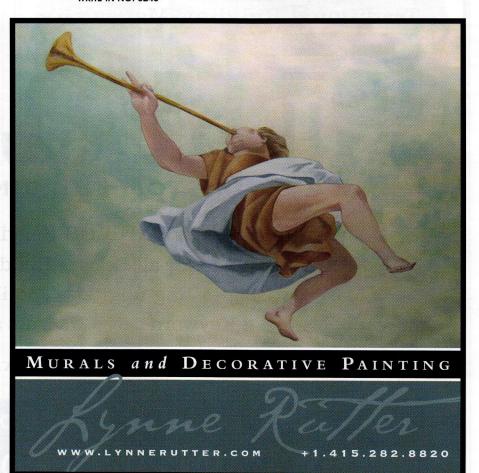
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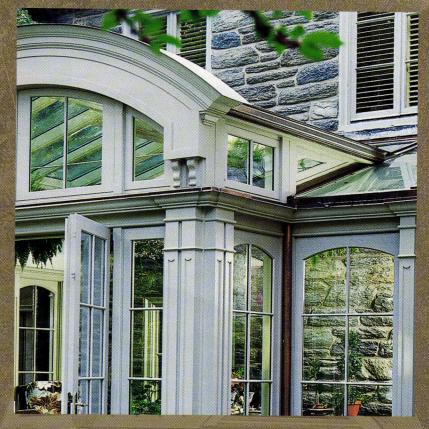
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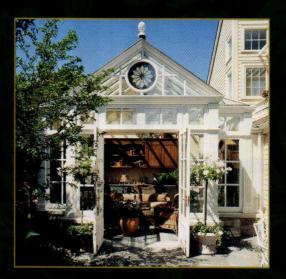
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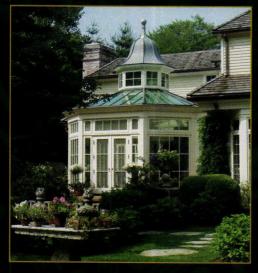
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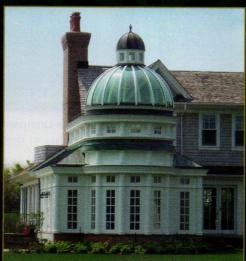












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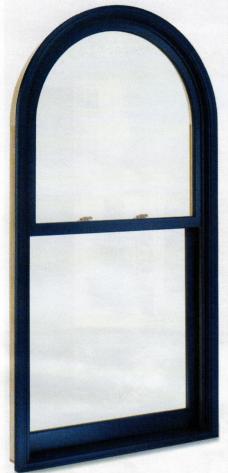
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# Doors, Windows, Shutters & Hardware

For full contact information on these companies, consult the Sourcelist on p. 44.



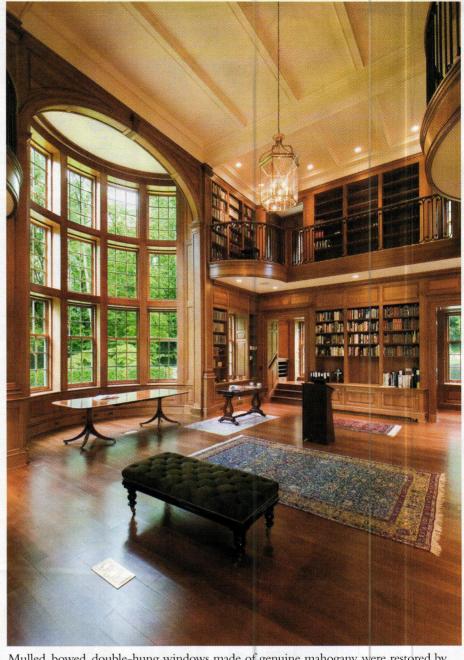
Ultimate Double Hung Mangum Round Top windows are available from **Marvin Windows and Doors** in a variety of large sizes and shapes. *Write In No.* 1263



This Craftsman/Mission style door, model 360-H-14, was fabricated by **Coppa Woodworking** in mahogany. *Write in No. 9600* 



These wood windows were manufactured by **Custom Trades International**. Write in No. 1083



Mulled, bowed, double-hung windows made of genuine mahogany were restored by **Woodstone Co.** for a library in Maryland. *Write in No. 8430* 



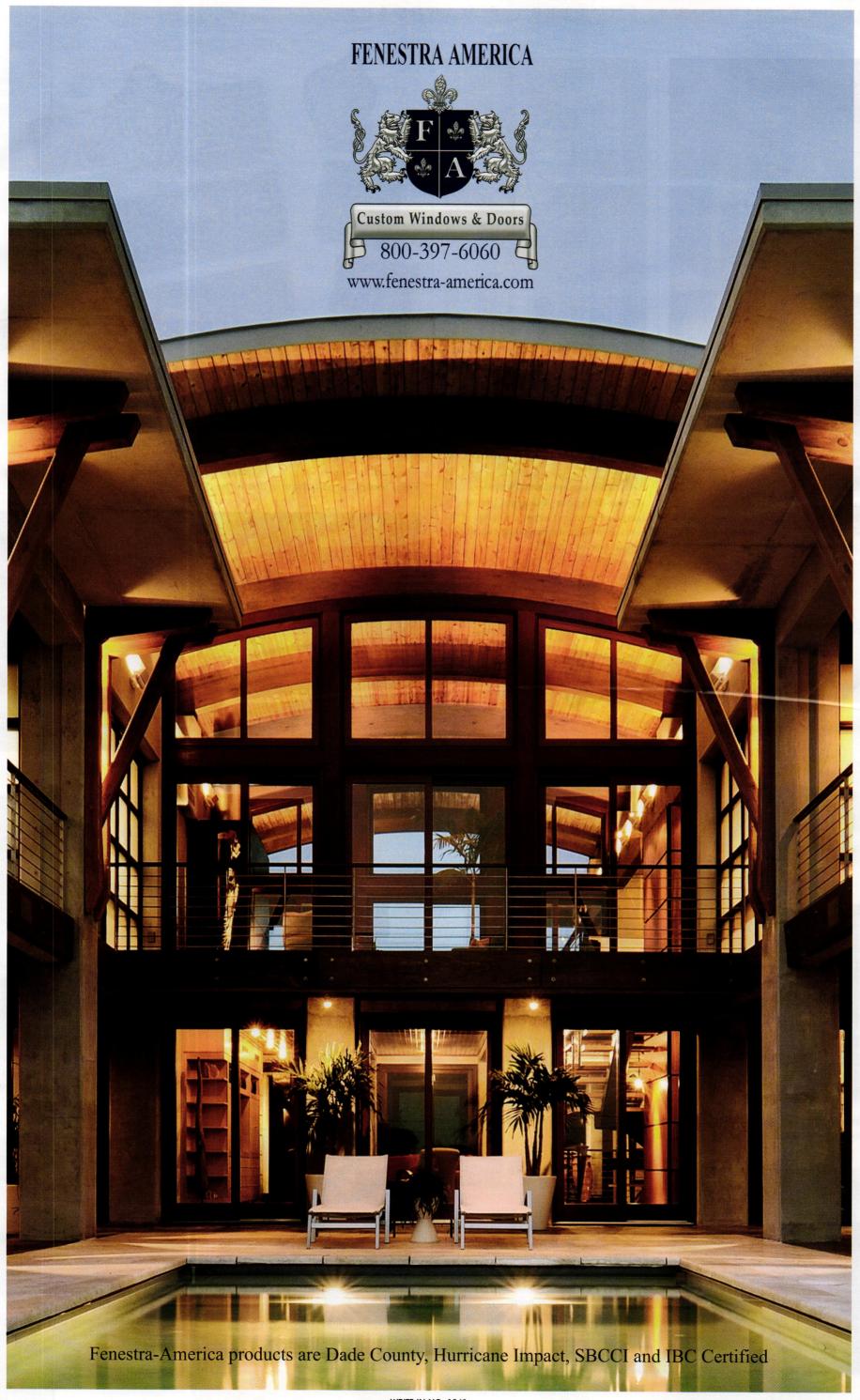
Allied-one-lite laminated windows from **Allied Window** were installed at Faneuil Hall Marketplace in Boston, MA. Write in No. 690



An interior storm from **Climate Seal** provides insulation while protecting the appearance of this historic window.

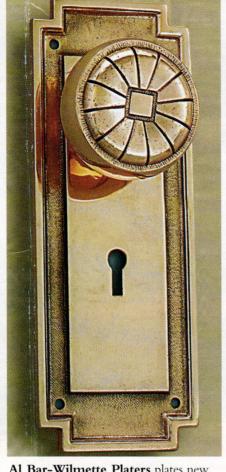


**Timberlane** manufactured these traditionally styled recessed-panel shutters. *Write in No. 1056* 





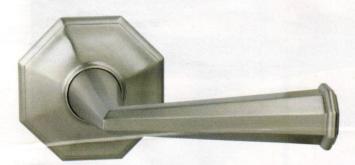
**E.R. Butler**'s model #1426/I335 French door hardware is fit for a castle – complete with a crown on the crest. *Write in No. 2260* 



**Al Bar-Wilmette Platers** plates new hardware to match historic finishes and restores historic hardware and metal fixtures. *Write in No. 2636* 



The English Garden Collection of hardware is one of many lines offered by **Notting Hill Decorative Hardware**. *Write in No. 319* 



The Moorestown lever from **Von Morris Corp.** is paired here with a large rosette. *Write* in *No.* 1864



P.E. Guerin manufactured these period-style door levers. Write in No. 1166



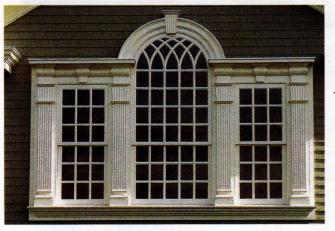
**Architectural Products by Outwater's** extensive collection of architectural products includes a wide variety of doorknobs. *Write in No. 1088* 



**Ball & Ball Lighting** restored and refinished this decorative door pull. *Write in No. 2930* 



This traditional door set and steeple-tip door hinge are available from **House of Antique Hardware** in nine different finishes. *Write in No. 1096* 



Maurer & Shepherd, Joyners, custom fabricated this Palladian window in wood. Call 863-633-2383 for more information.



These cabinet pulls from **Van Dyke's Restorers** are available in antique brass, pewter, bronze and other finishes. *Write in No. 1665* 



As part of its hardware collection, **Crown City Hardware** supplies plain and ornate iron rosettes and knobs. *Write in No. 432* 

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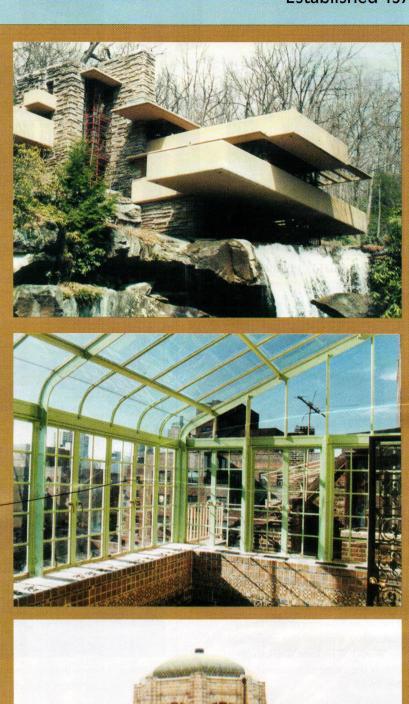


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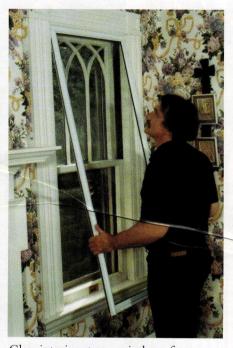
**Custom Shutter Company** manufactured these exterior red cedar shutters. Write In No. 1900



These Victorian-style screen doors were crafted by **Cumberland Woodcraft** from solid Spanish cedar for extended durability. *Write in No. 1310* 



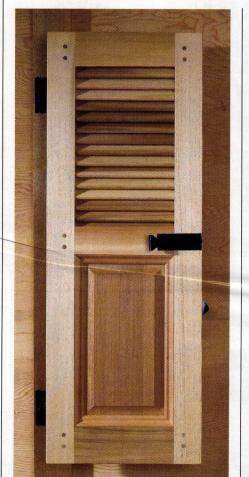
This traditionally styled window is typical of the historic work done by **Architectural Components**. *Call 413-367-9441 for more information*.



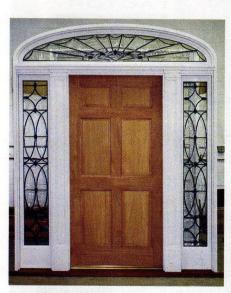
Glass interior storm windows from **Innerglass** maintain the integrity and beauty of historic windows. *Write in No.* 909

This historically styled bronze door is one of many styles available from **Fenestra America** *Write in* 

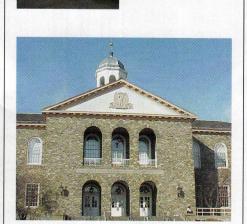
No. 1548



Cedar shutters are available from **Vixen Hill Shutters** in a variety of styles.



**Kingsland Co. Doors** custom manufactures doors and entryways in Honduras mahogany. *Write in No. 4573* 



**Grabill Windows & Doors** manufactured single-hung and pivot oval windows, round-top transoms and doors for the U.S. Post Office in Poughkeepsie, NY. Write in No. 1910



**Shuttercraft** offers a variety of shutter styles with various cut-out options. *Write in No. 1321* 



**The Nanz Company** offers a selection of door handles in many styles, materials and finishes. *Call 212-367-7000 for more information*.



**Kingsland Co. Shutters** supplies louvered, cut-out and raised-panel shutters in mahogany. *Write in No. 196* 



**The Shutter Depot** supplies both custom and stock shutters as well as shutter hardware. *Write in No. 6830* 



The Augustus doorknob is one of many historic styles available from **Baltica**. Write in No. 411



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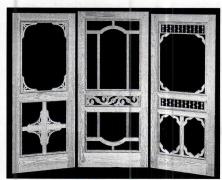
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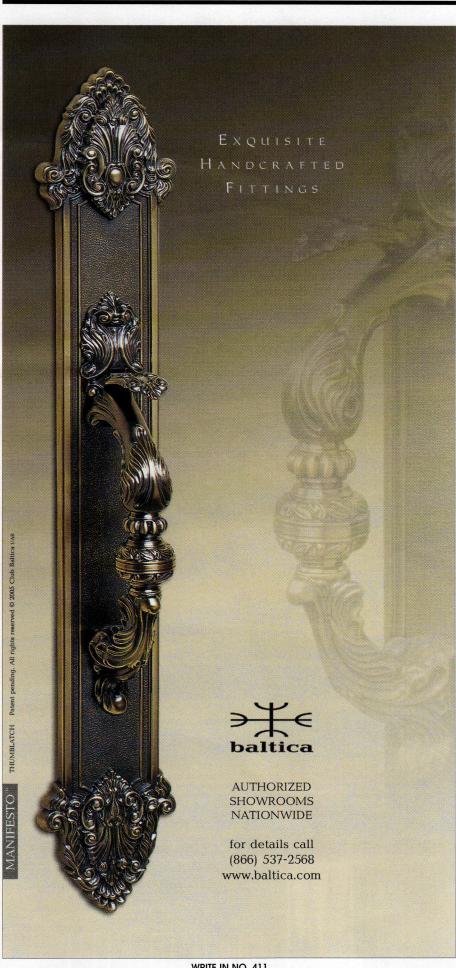
Hahn's Woodworking custom manufactured these overhead motorized garage doors, which give the appearance of swing-out carriage-house doors, and the complementary door (right). Write in No. 6640



This arched-top double-door was custom manufactured by Jim Illingworth Millwork. Write in No. 1696



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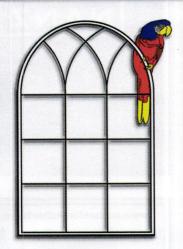
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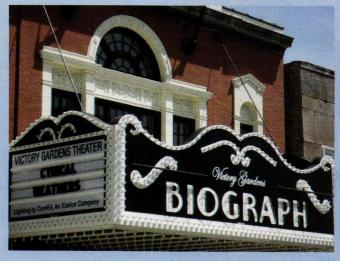
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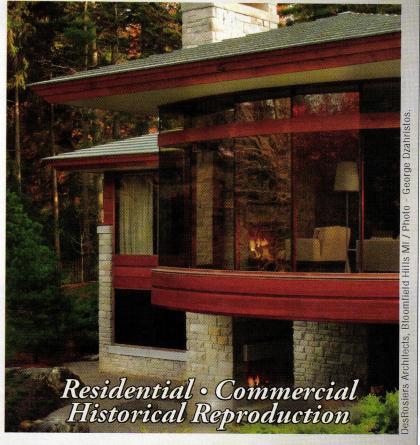
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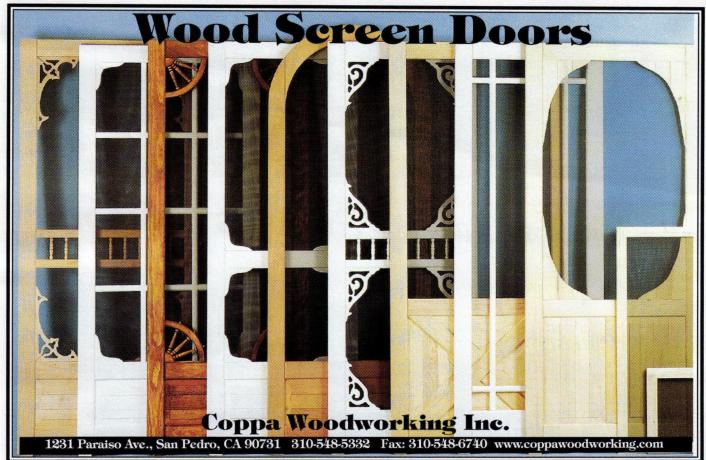
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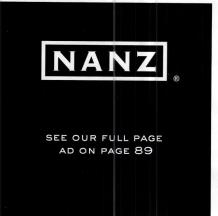


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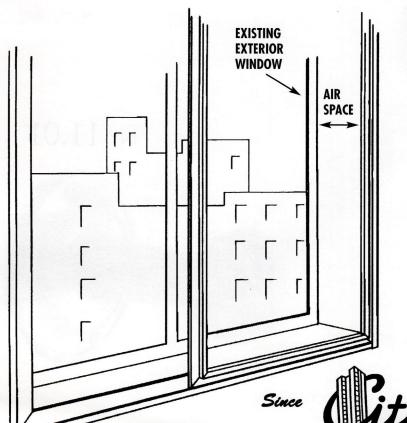
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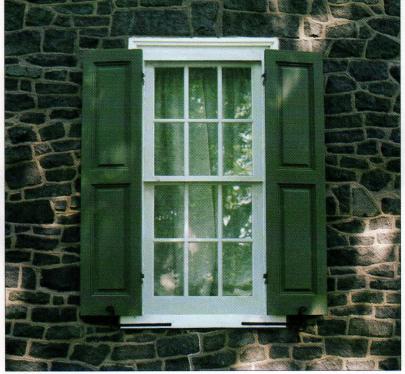
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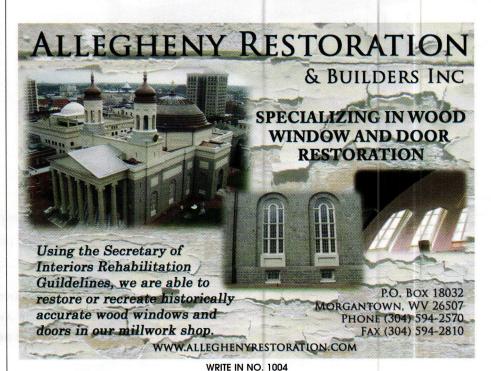
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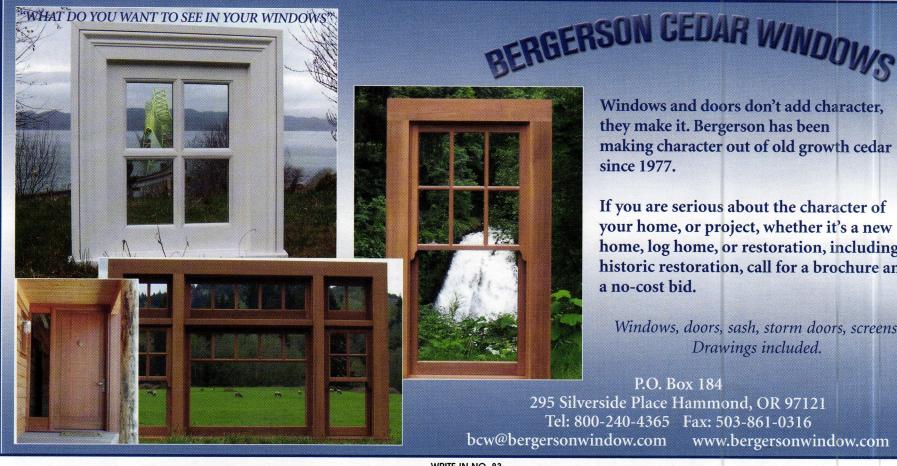
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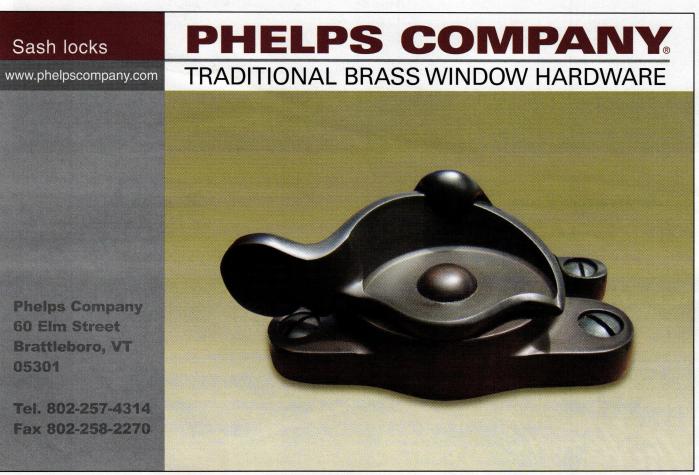
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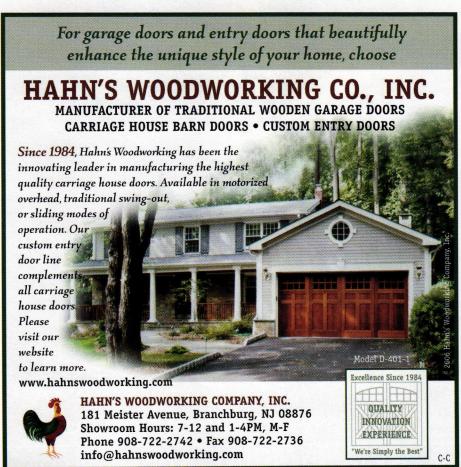
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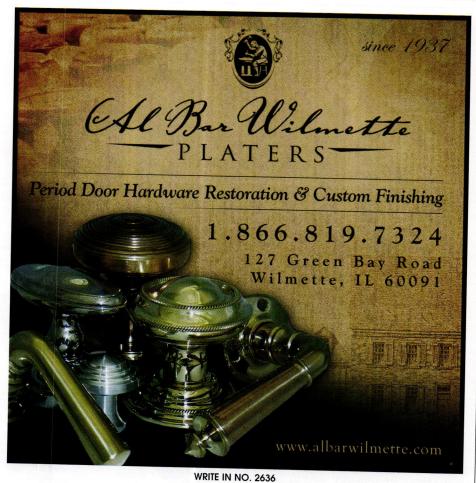
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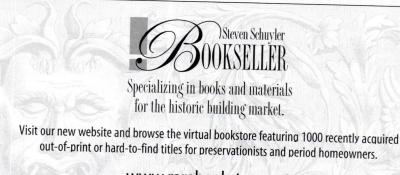
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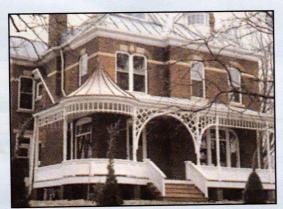


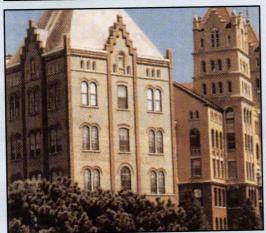
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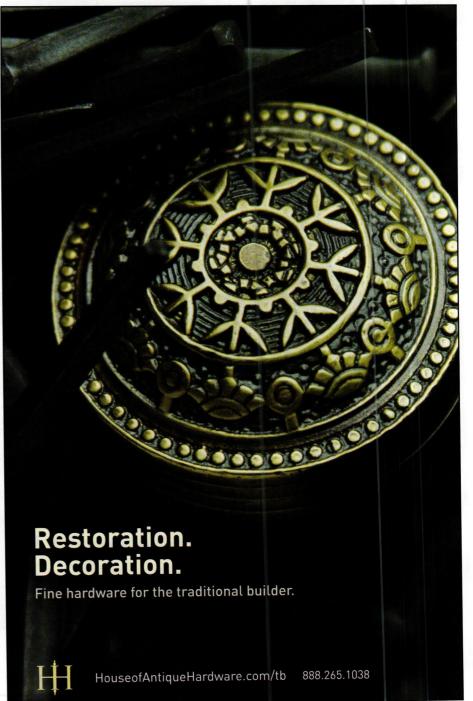
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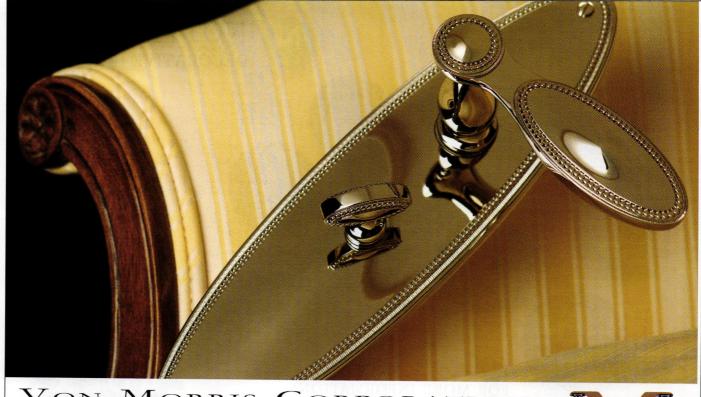
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The deadline for entries is **November 15, 2008.** 

For details on the Awards program, judging criteria and submission requirements,

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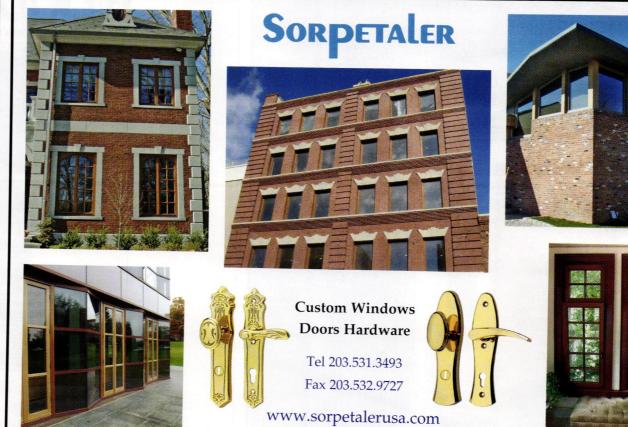
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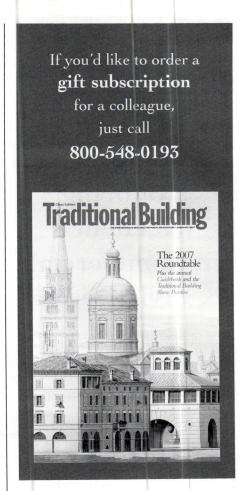


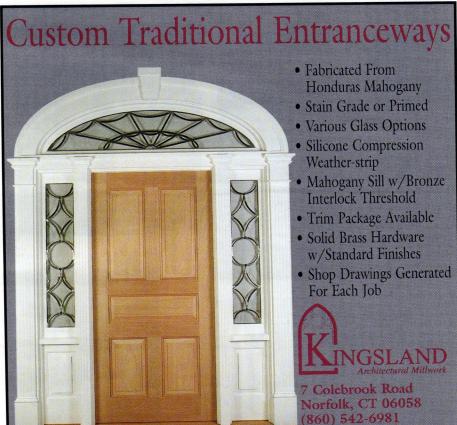
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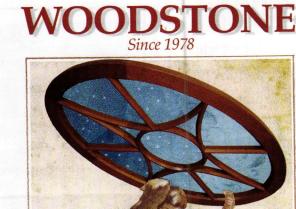








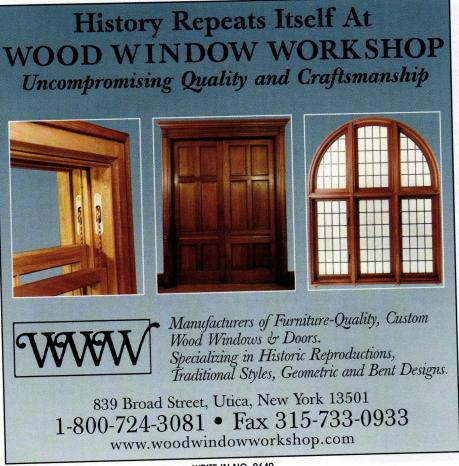
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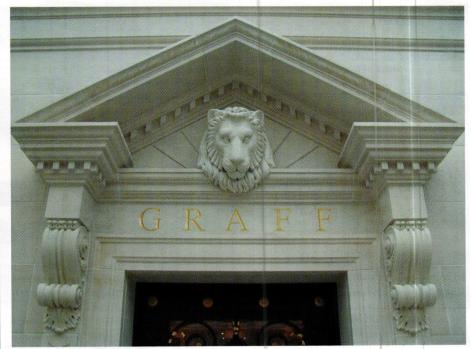


## **Exterior Elements, Ornament & Finishes**

For full contact information on these companies, consult the Sourcelist on p. 44.



These elements were created using cellular-PVC pieces from **AZEK Building Products**. *Write in No. 1428* 



The exterior ornament on this Palm Beach, CA, building was fabricated in French limestone by **Traditional Cut Stone**. Write in No. 290



The custom cartouche, rosettes and foliate swag on this cornice ornament were fabricated by **Warner Bros. Studio Facilities**. Write in No. 778



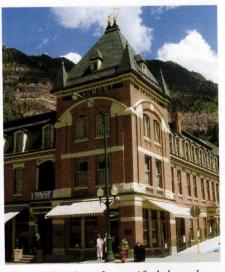
The terra-cotta elements on this commercial building in Chicago were replicated with GFRC elements with technology provided by **Ball Consulting**. Write in No. 7260



Hand-carved exterior ornament is one of the specialties of **Cantera Especial**. Write in No. 31



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



**The Color People** specified the color scheme for the Beaumont Hotel in Ouray, CO. *Write in No. 5470* 



**A&M Victorian Decorations**' foam molding was used for the arched entry trim, window trim, sills and cornice moldings on this building. *Call 800-671-0693 for more information*.





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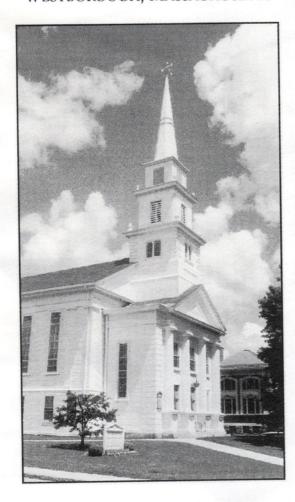
This decorative pediment was fabricated by Seal Reinforced Fiberglass. Write in No. 4620



The decorative cornice on this building was reproduced by Architectural Fiberglass Corp. in fiberglass. Write in No. 6400

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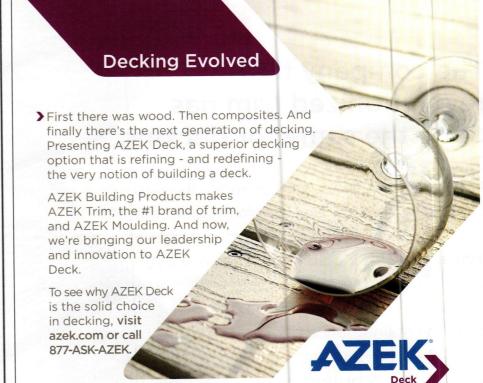
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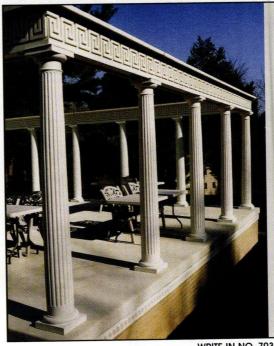
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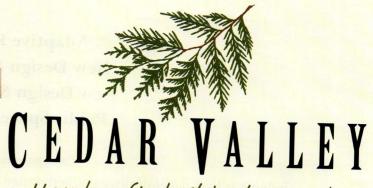
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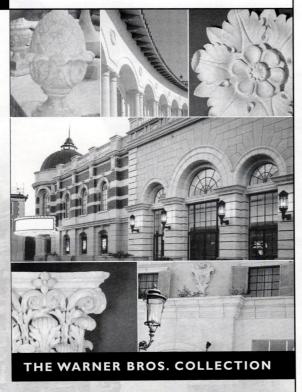
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New Design & Construction — more than 5,000 sq.ft.
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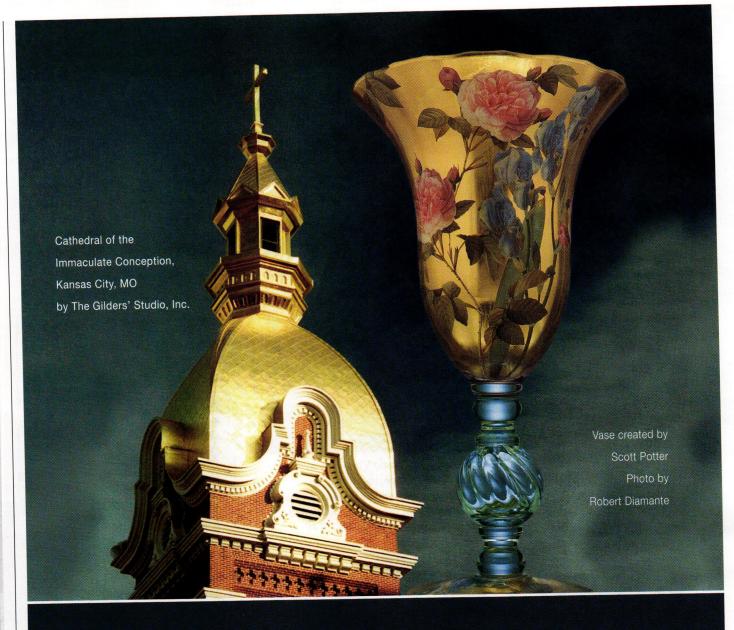
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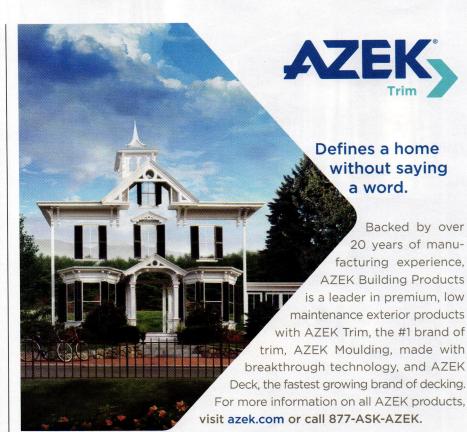


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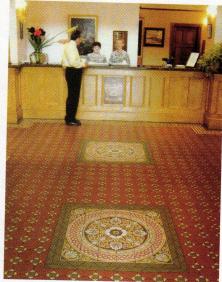


This wood floor was created using Craftsman Lumber's eastern white pine, which comes in 12- to 14-in. widths. Write in No. 4320

Champlain Stone used South Bay

No. 4270

quartzite flagging for this floor. Write in



Handmade encaustic Victorian-style tile from Tile Source, including the Arundel pattern with a Bronte border and Palmerston centerpiece, was used for this lobby floor. Write in No. 2846





This stone inlay was designed and fabricated by Oshkosh Designs. Write in No. 9140



Antique & Vintage Woods of America specializes in salvaged and reclaimed building materials, which can be used for wide-plank flooring.



Custom-milled antique oak flooring is one of the many wood-flooring options available from Chestnut Specialists. Call 860-283-4209 for more information.



American Restoration Tile manufactured this 1-in. hexagonal, unglazed porcelain tile for the Capital Hotel in Little Rock, AR. Write in No. 8032



Longleaf Lumber supplied the antique oak flooring for Marco's Restaurant in Boston, MA. Write in No. 272



This stone flooring was provided by Cantera Especial. Write in No. 31



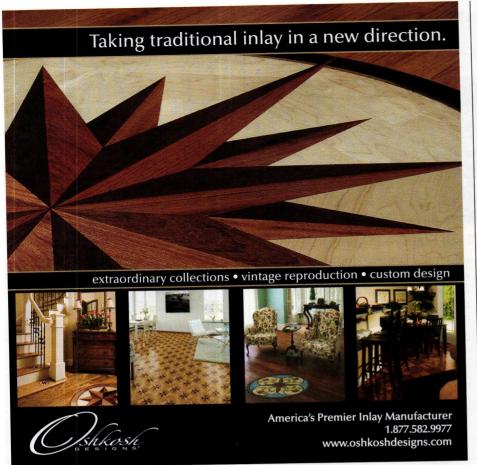
Before remilling vintage chestnut beams into flooring, workers from Authentic Wood Floors must first remove any nails that are embedded in the wood. Write in No. 8000



This decorative wood parquet flooring was fabricated by Czar Floors.



This salvaged flooring was supplied by Longwood Antique Woods. Write in No. 1844



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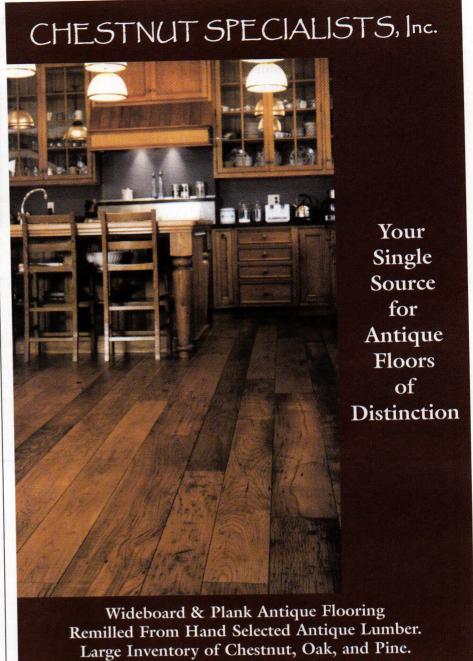
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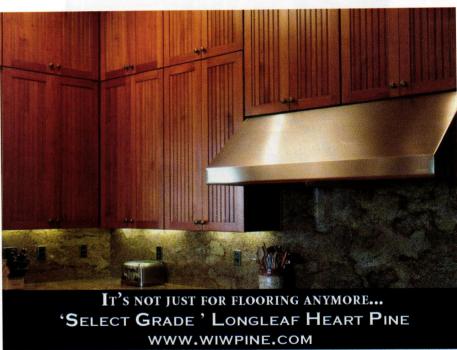




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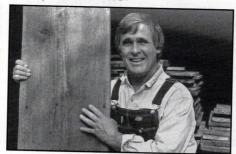
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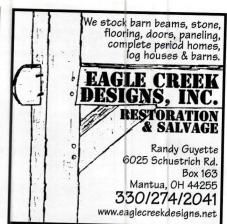
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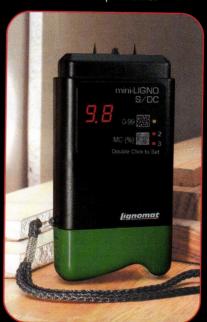
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When contacting companies you've seen in the issue, please tell them you saw their listing in Traditional Building.

## Interior Elements, Ornament & Finishes

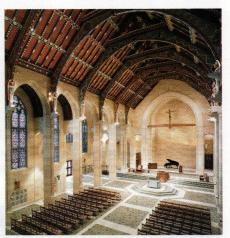
For full contact information on these companies, consult the Sourcelist on p. 44.



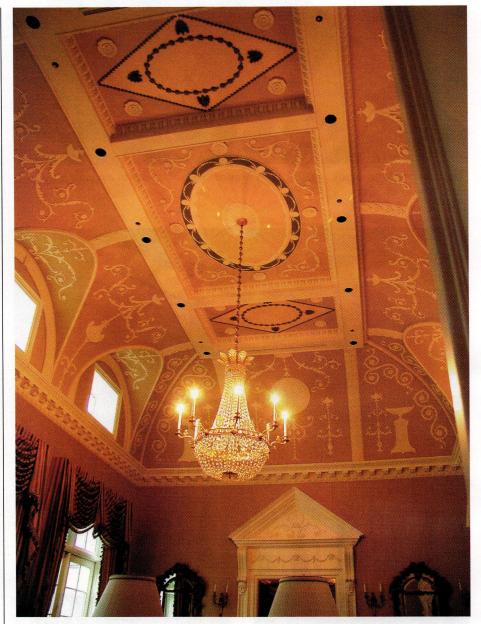
**Flex Moulding** used polyester resin to create this ornate barrel-vaulted ceiling. *Write in No. 4900* 



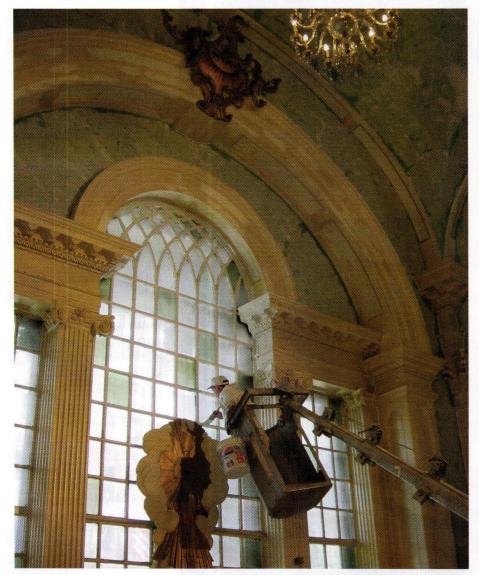
Ceiling panels with historical patterns are the specialty of **Brian Greer's Tin** Ceilings, Walls & Unique Metal Work.



Conrad Schmitt Studios conducted the historic paint investigations, and restored the decorative painting and the polychrome statuary, for the 1927 Gothic Sacred Heart Cathedral in Rochester, NY. Write in No. 8040



This 20x30-ft. ceiling was created by **Felber Ornamental Plastering** in a style made popular in the 1760s and 1770s by the English architects Robert and James Adam. *Write in No. 2890* 



**John Tiedemann** restored the interior of St. Paul's Chapel in New York City. Write in No. 1765



MasterMold, a non-toxic polyurethane paste from **Abatron**, is used to reproduce both large and small flexible molds. *Write in No. 1300* 



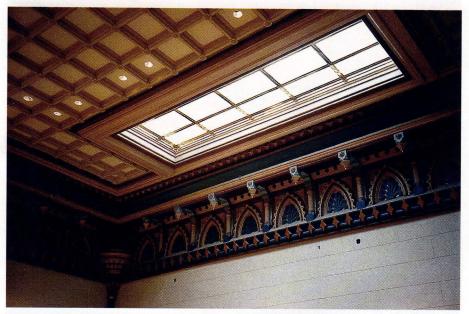
**Classic Ceilings** supplies tin ceilings from original molds that date back to 1896. *Write in No. 2400* 



Pressed-tin ceiling panels from **Chelsea Decorative Metal** come in Victorian and Art Deco styles. *Write in No. 190* 



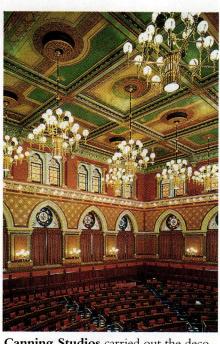
This embossed mahogany molding from Manor Style was used to decorate a restaurant. Write in No. 703



The restoration of the lobby ceiling of the South Carolina State House by NIKO Contracting included new bronze medallions, cornice and trim. Write in No. 861



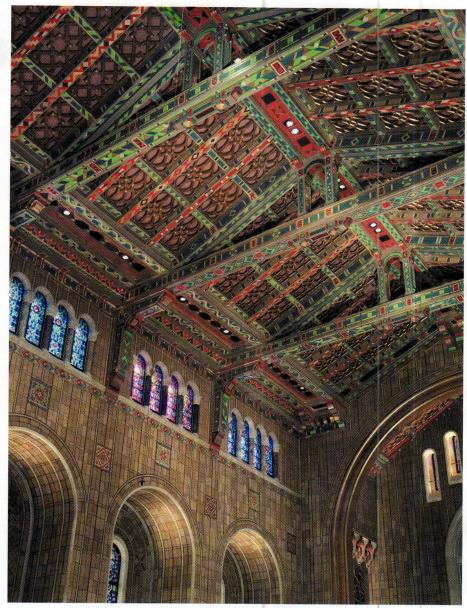
Interior molded ornament is the specialty of Century Architectural Specialties. Write in No. 1698



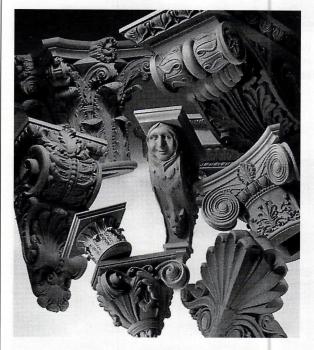
Canning Studios carried out the decorative painting in the Connecticut House of Representatives. Write in No. 5100



Above View By Tiles supplied the ornamental plaster ceiling tile for the historic Matthew Keenan Building in Milwaukee, WI. Write in No. 1537



Artisans from Evergreene Painting Studios restored the decorative painted ceiling at Temple Emanu-El in New York City. Write in No. 2460



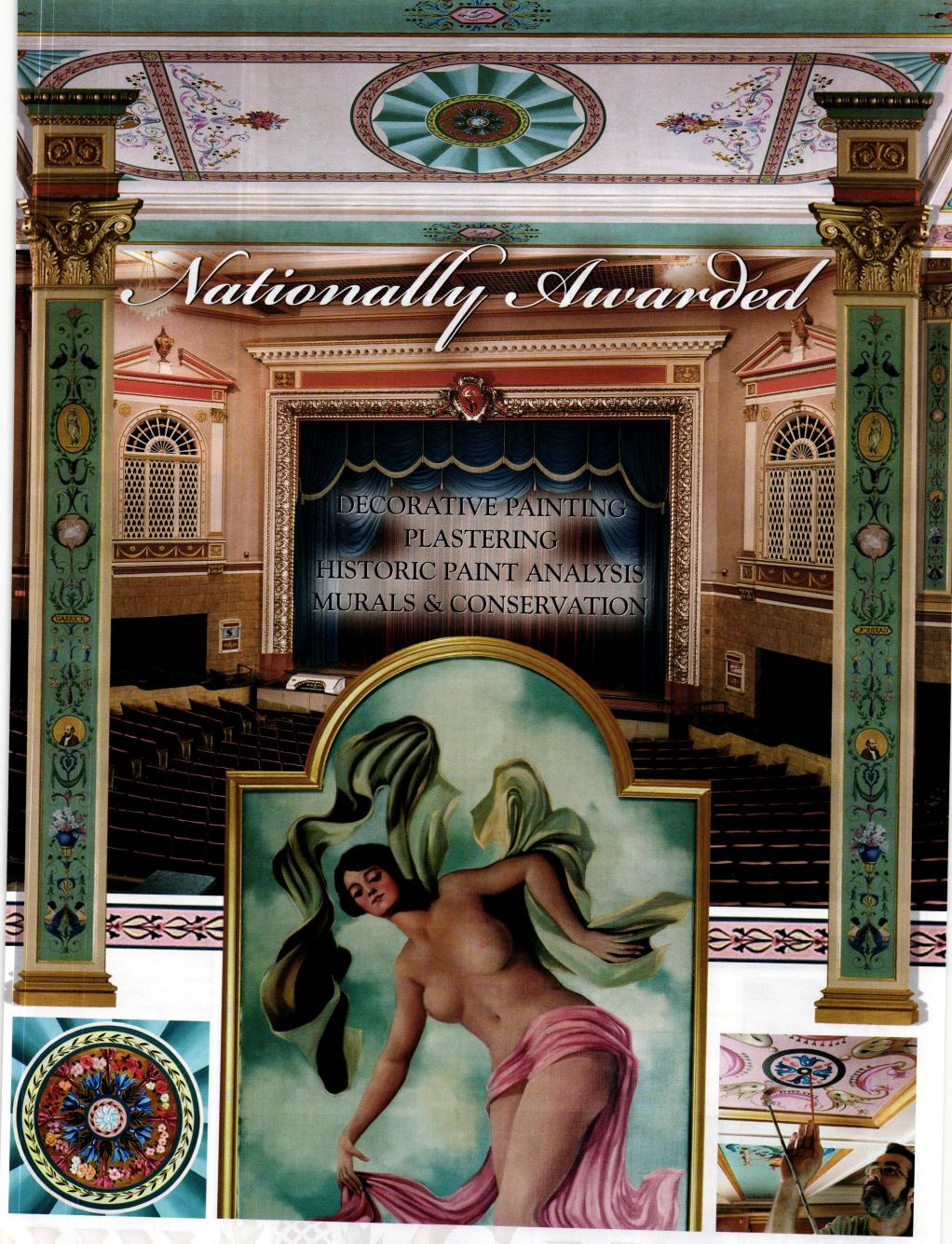
Historically styled brackets and capitals are available in traditional plaster and compo in a wide range of styles from Decorators Supply. Write in No. 210



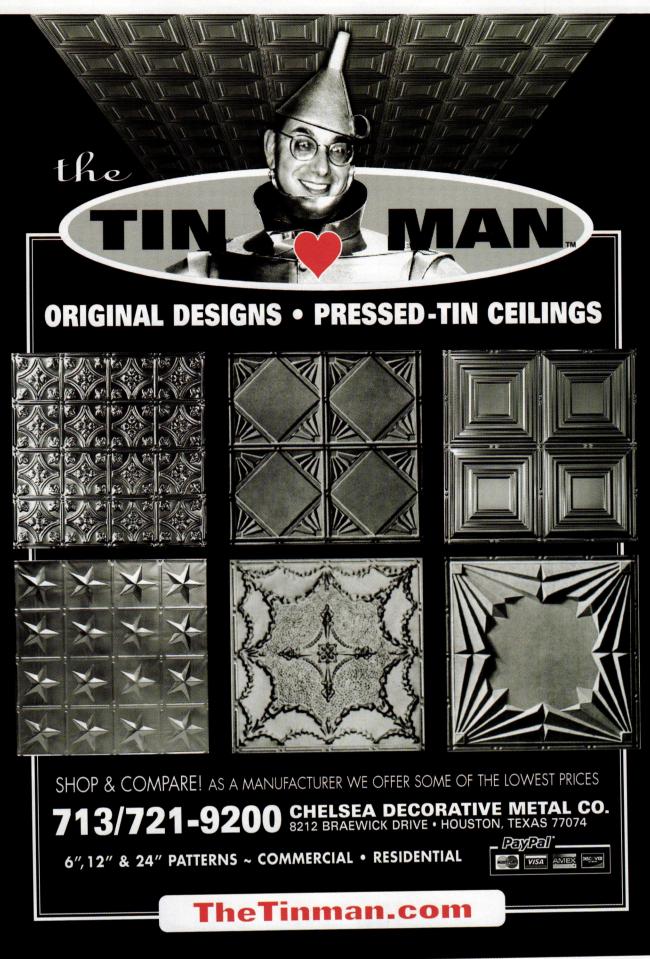
Gilding supplies from Sepp Leaf include genuine gold leaf in various karats and shades for both interior and exterior applications. Write in No. 2880



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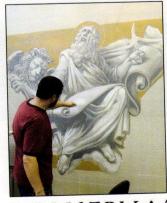
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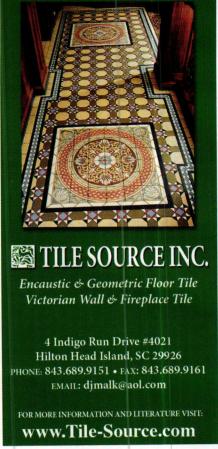


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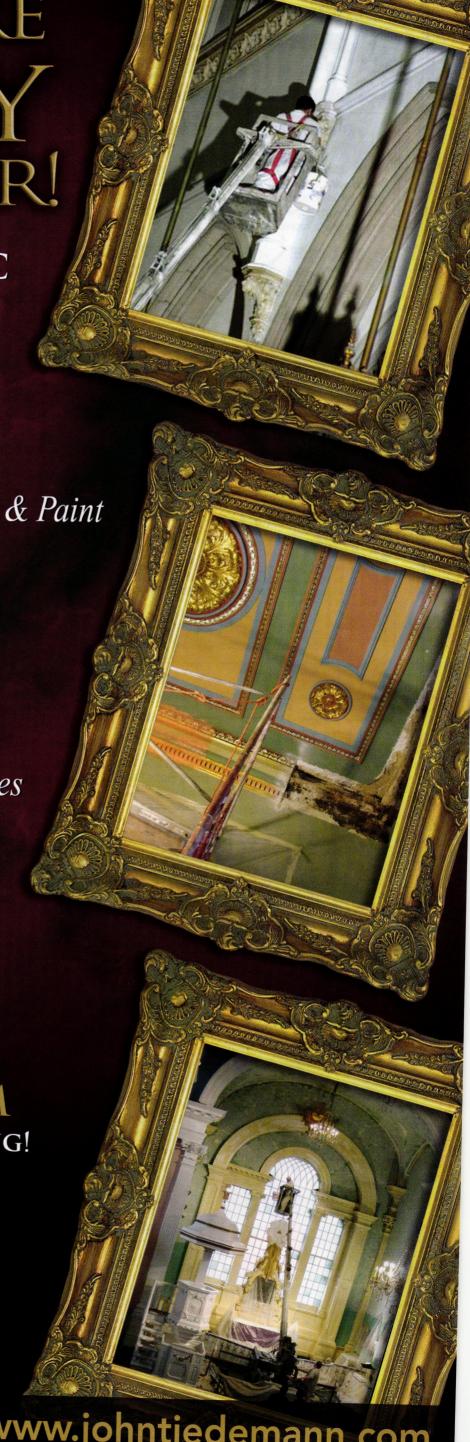


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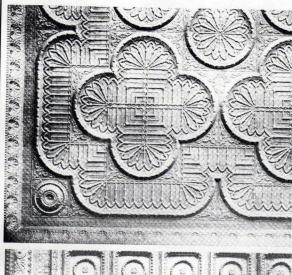


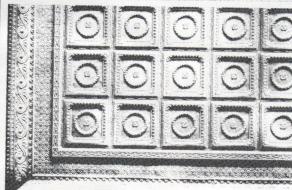
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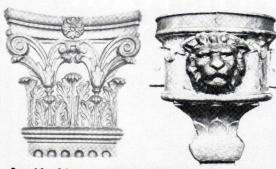
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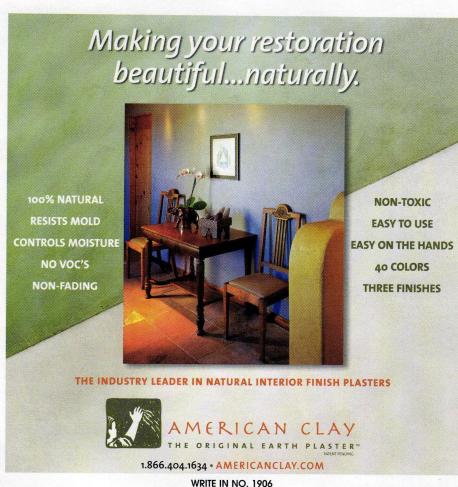
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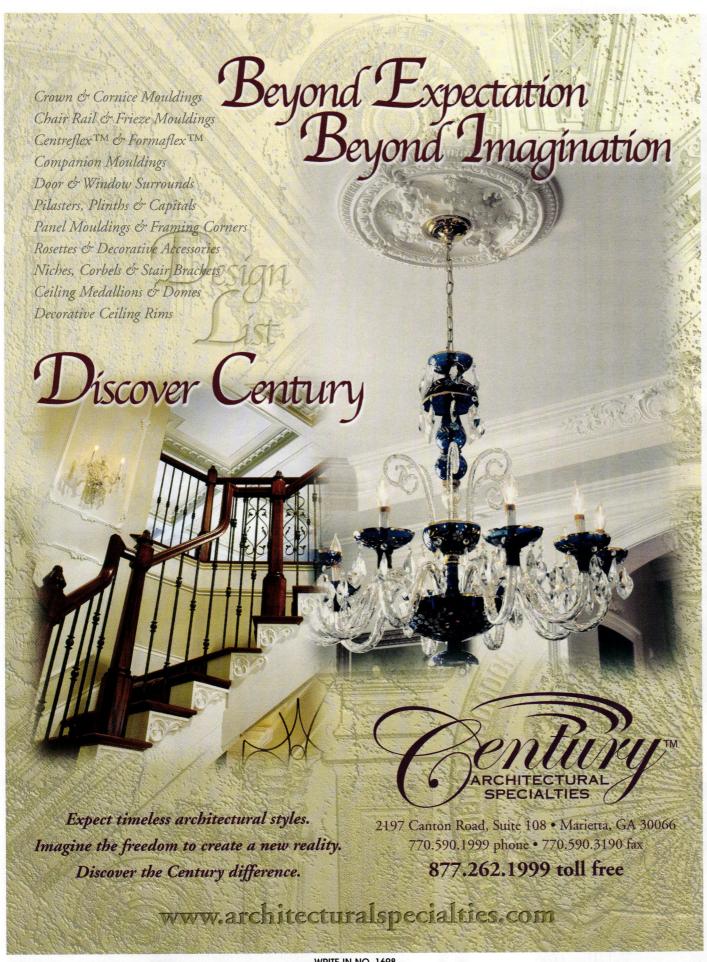
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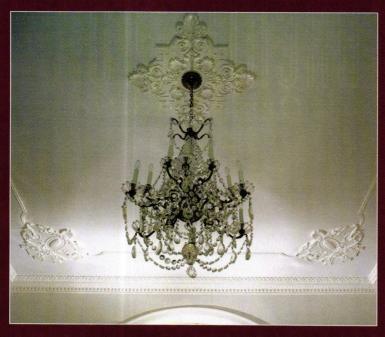


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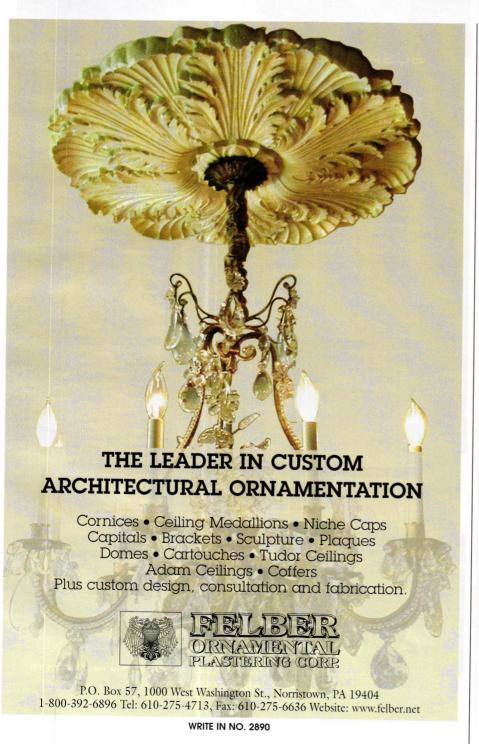
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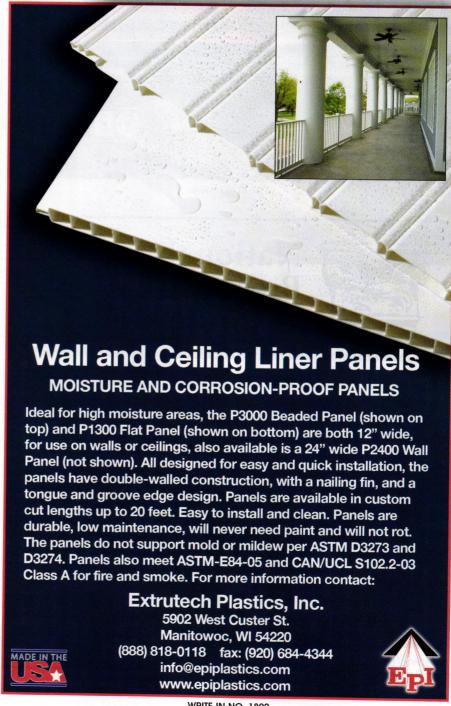
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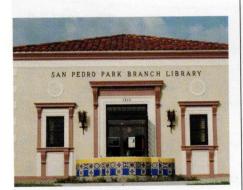
This lion fountain is one of many styles available from **Cantera Especial**. Write in No. 31



**Allen Architectural Metals** fabricates custom cast-metal items such as this planter. *Write in No. 1005* 



**Kenneth Lynch & Sons** fabricated this fountain. *Call 203-264-2831 for more information*.



**Dunis Studios** created the hand-painted historic reproduction tile for this fountain in San Antonio, TX.



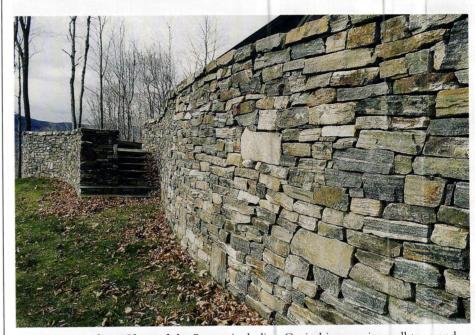
Egg-and-dart detailing on the bowls of these high-style, formal Roman urns from **Robinson Iron** is complemented by traditional, ornamental laurel wreaths on the bases. *Write in No. 3240* 



This running-bond-style paving was created by using hand-molded brick from **Old Carolina Brick**. Write in No. 3130



The English Edge clay pavers from **Pine Hall Brick** are available in 2¾-in. heavyduty thickness and seven colors.



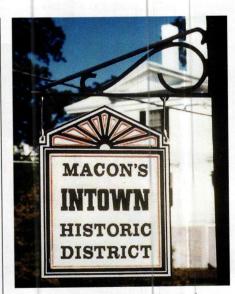
Various stones from **Champlain Stone**, including Corinthian granite, wallstone and American granite, were used to create this wall. *Write in No. 4270* 



**Doty & Sons** manufactures a complete line of concrete site furnishings, including the Morrison Litter Receptacle, which has a hinged lid, three litter entries and a 23-gal. plastic liner. *Write in No.* 2090



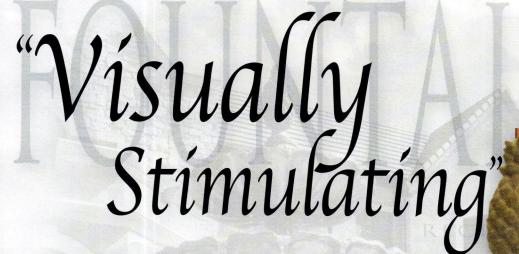
R.C. Brosamer, owner of **Brosamer's Bells**, delivers a 4,000-lb. bronze bell to one of his clients. *Write in No.* 7130



The town of Macon turned to **Lake Shore Industries** for its historical aluminum street signs. *Write in No. 8730* 



**Traditional Cut Stone** custom fabricated this Ram's Head fountain. *Write in No. 2902* 



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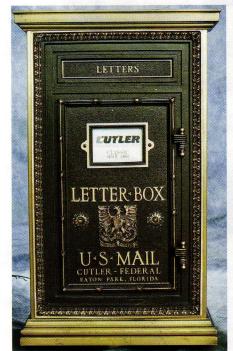
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This terra-cotta urn, manufactured by Gladding, McBean, depicts vines, animals and Classical figures. Write in No. 6010



Historical Arts & Casting designed and custom fabricated this mailbox. Write in No. 1210



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



urns. Write in No. 8163



AquaMaster Fountains & Aerators offers fountain systems that don't require special piping. Write in No. 461



Rossi USA quarried the stone used for this fountain, which it also fabricated. Write in No. 392



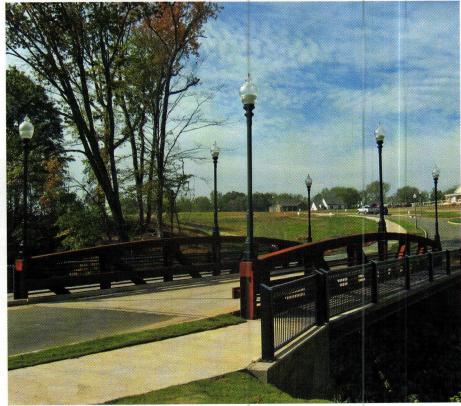
DeAngelis Iron Work custom fabricated this fence, installed on Commonwealth Ave. in Boston, MA. Write in No. 1023



Joel Schwartz of Schwartz's Forge created this wrought-iron fountain and gate combination for a manorial garden. Write in No. 1218



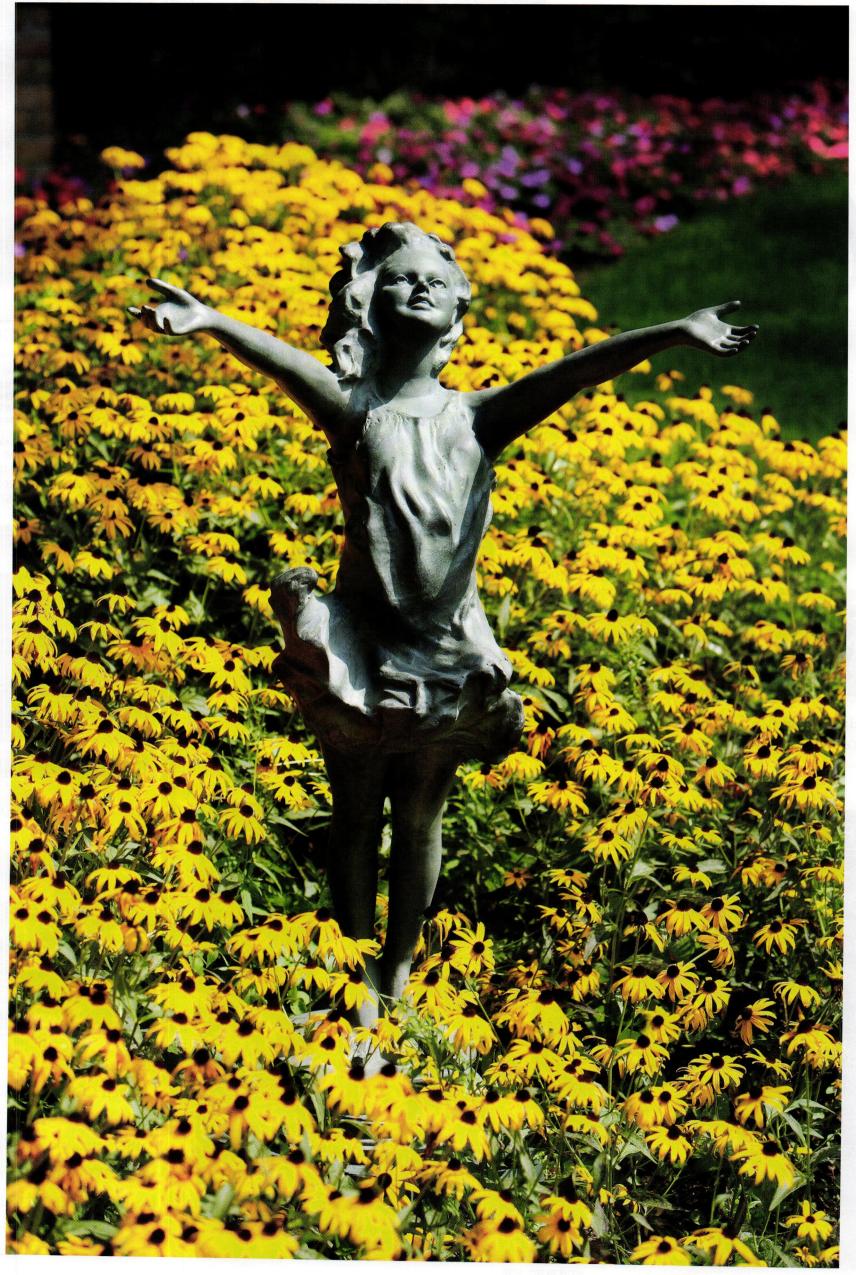
This traditionally styled fence was fabricated by Steptoe & Wife Antiques. Write in No. 470



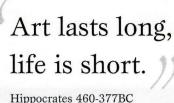
This truss bridge was fabricated by Contech.



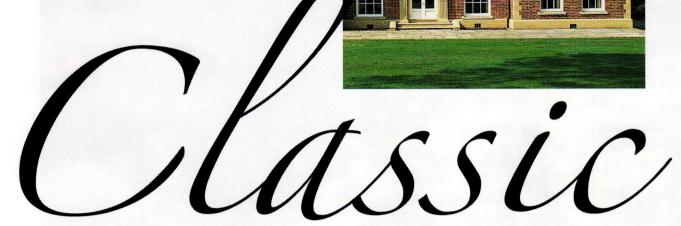
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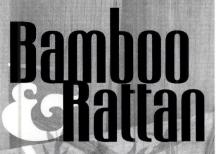


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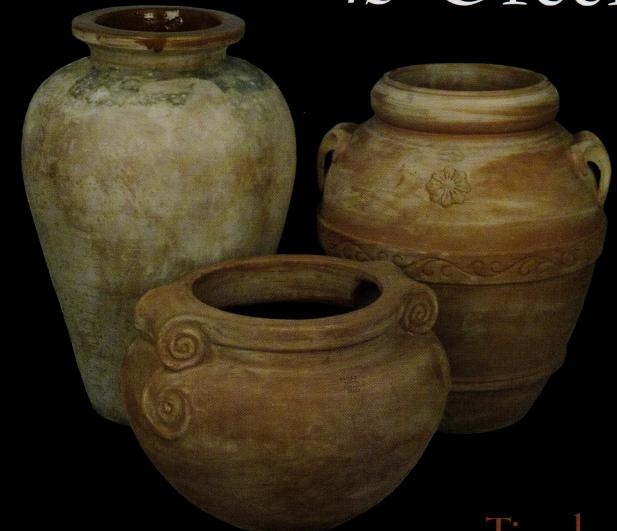
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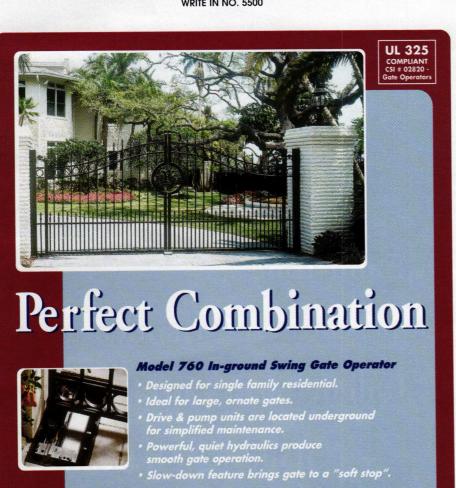
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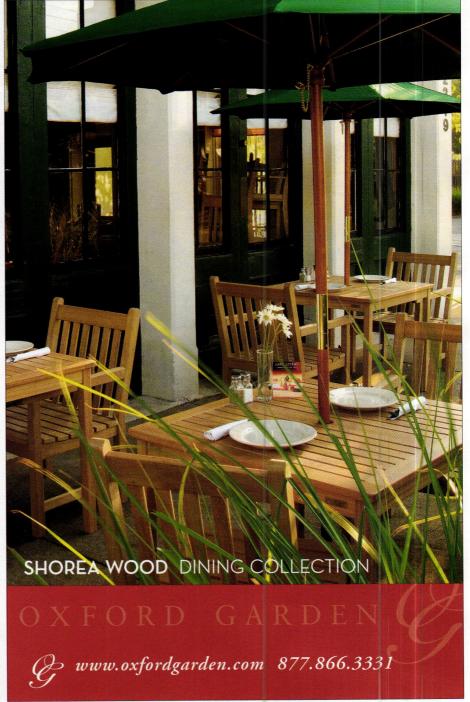


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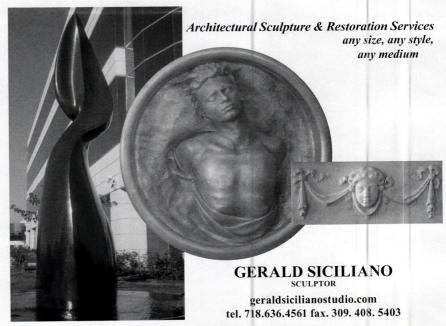
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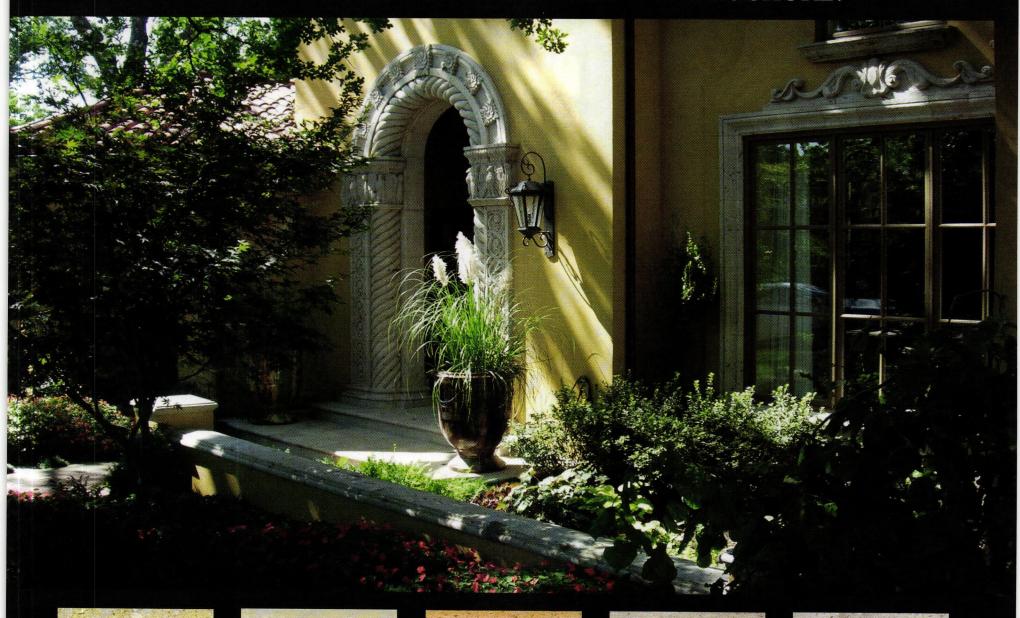
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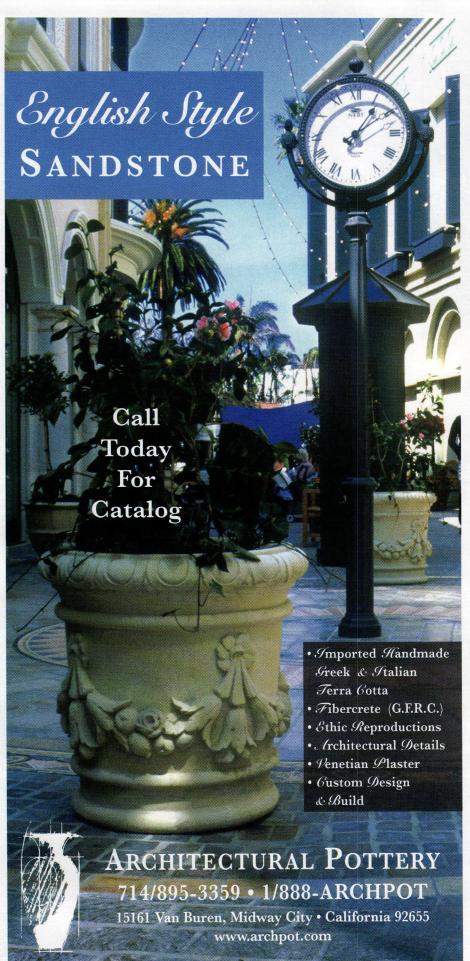
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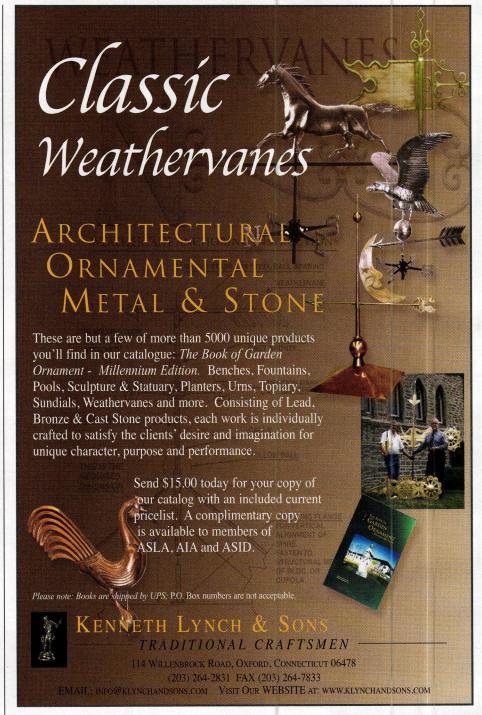
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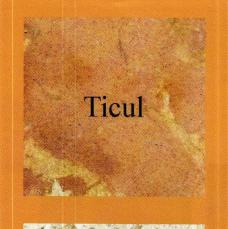
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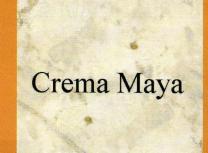
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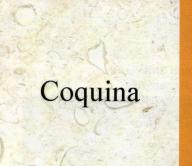
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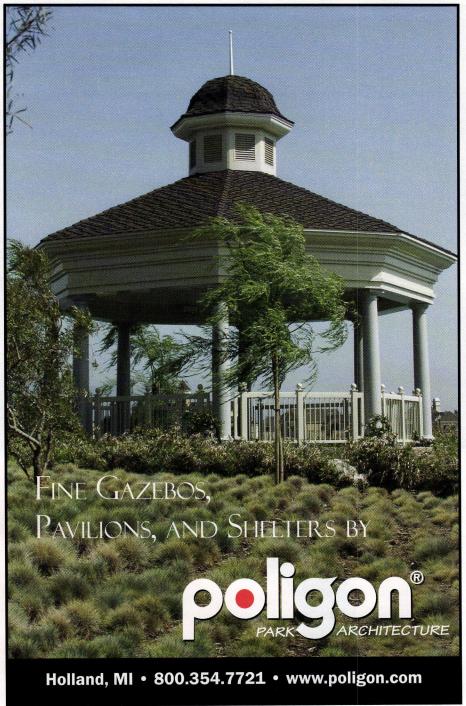
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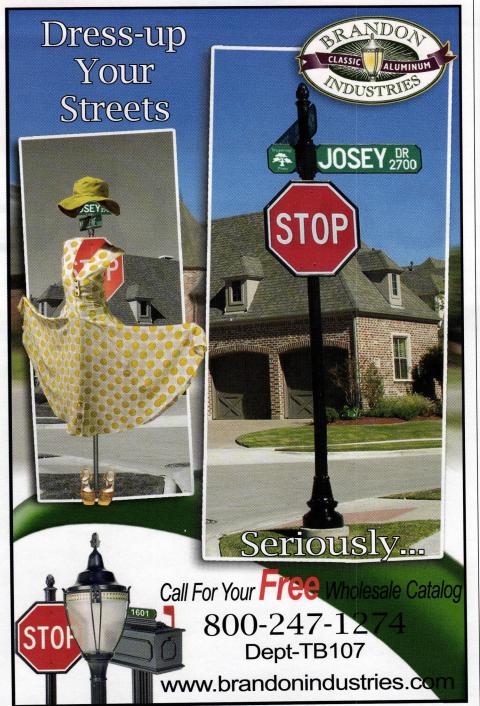
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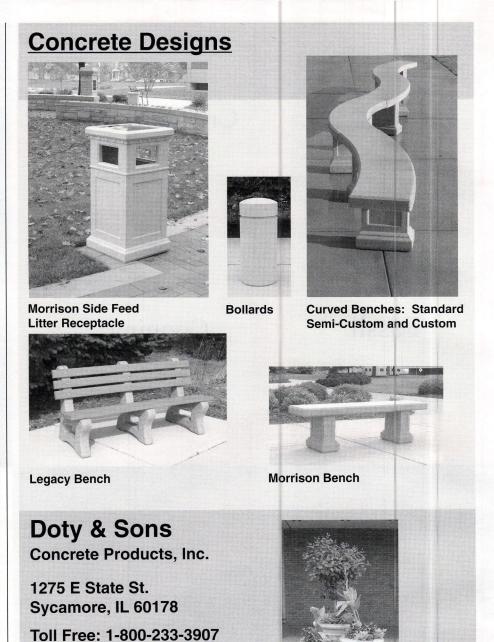




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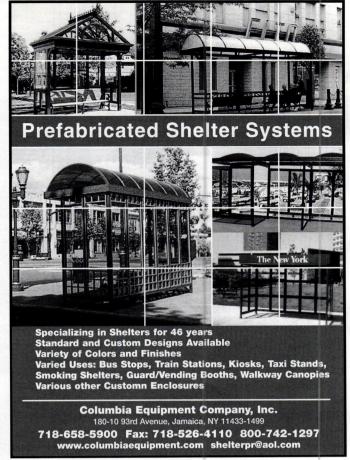
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## calendar of events

AWI Lifelong Learning Forum, February 20-23, 2008. The Architectural Woodwork Institute will hold its Winter Career and Technology Education Forum in Jacksonville, FL. Following the patterns of Charlotte, NC, in 2006, and Dallas, TX, in 2007, seminars will focus on fundamental and advanced project management, estimating and more. Visit www.awinet.org for details.

#### Traditional Building Exhibition & Conference, March 12-15, 2008.

The nation's largest event dedicated to historic restoration, renovation and historically inspired new construction will be held at the Hynes Convention Center in Boston, MA. The conference includes sessions



with professional learning units available through the AIA, ASLA, ASID, IIDA, AIC and the APA. For details on programs and exhibiting, go to www.traditionalbuildingshow.com.

The Traditional Building Exhibition & Conference will be held at the Hynes Convention Center in Boston, MA, home of the Massachusetts State Capitol.

National Green Building Conference, May 11-13, 2008. The National Association of Home Builders will hold its national conference, targeted to green building for the residential building industry, in New Orleans, LA. The conference will offer educational seminars, plus the chance to network with designers and suppliers. Builders, developers, land planners, product manufacturers and suppliers, architects and designers are encouraged to attend. Visit www.nahb.org/greenbuildingconference for details.

99th Annual SGAA Conference, June 27-29, 2008. The Stained Glass Association of America conference will be held at the Marriott Oakland City Center in Oakland, CA. For more information, go to www.stainedglass.org.

Classical Architecture Courses, Tours & Programs. The Institute of Classical Architecture & Classical America offers an extensive national and international program of lectures, study tours, courses, salons and

programs. Continuing-education courses, eligible for AIA continuing education credits in many of the design areas of Classical architecture, are offered year-round by the institute. For details on these or other events and programs, go to www.classicist.org or e-mail academic@ma-ica.org.

National Buildng 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 exhibition, "Designing the World of Tomorrow: America's World's Fairs of the 1930s," will run from now to July 4, 2009, focusing on the outburst of fair activity in America during the Depression era. Visit www.nbm.org for details.

Preservation Education Programs. Throughout the year, the Preservation Education Institute - a program of Vermont-based Historic Windsor, Inc. - offers workshops on various preservation skills, technologies and practices for building and design professionals, property owners and others. This year, courses include wood carving, plaster repair, window repair and timber-frame evaluation and repair. For a compete 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.

Woodworking Classes. The North Bennet Street School holds woodworking classes year round in Boston, MA. Class size is limited to 10 to 14 people. To register and pay online, visit www.nbss.org/workshops/ schedule.asp or contact workshop program director Janet A. Collins at workshop@nbss.org or 617-227-9292.

Workshops on Historical Lime Mortars. A comprehensive two-day course details the hows and whys of using lime putty mortars for repointing historic masonry. The workshop combines lectures and laboratory work with hands-on lime slaking and re-pointing on all different types of historic masonry walls. For course schedules and registration details, call 773-286-2100 or go to www.usheritage.com/events.htm.

### **Lighting & Electrical**

For full contact information on these companies, consult the Sourcelist on p. 44.



The Andalusia hanging lantern and bracket is manufactured by **Steven Handelman Studios**. *Write in No. 483* 



Herwig Lighting designed and manufactured this cast-metal light fixture. Write in No. 9130



**Robinson Iron** designed and fabricated The Grand Rapids street lamp. *Write in No. 3240* 



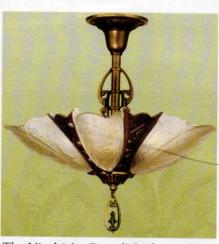
Mica Lamp offers a selection of Arts and Crafts-style lighting fixtures. Write in No. 5870



This Federal-style brass two-light wall lantern is available from **The Federalist**; it is 16½ in. tall and 5¾ in. deep.



The Apollo I post-mount gas lantern from **Signature Hardware** measures 20 in. tall x 16 in. wide x 14 in. deep. *Write in No. 1376* 



The Nicolai Art Deco light fixture from **Rejuvenation** is available in three finishes. *Write in No. 7630* 



**Maguire Iron** fabricated this lantern with a fixed arm using its dull black hammered finish. *Write in No. 7600* 



This historically styled lantern from **Dahlhaus Lighting** measures 22 in. tall. *Write in No. 2767* 



The bronze and iron work for the restoration of New York City's City Hall Park, including the exterior light fixtures, was done by **Allen Architectural Metals**. Write in No. 1005



This 10-arm, traditionally styled chandelier was fabricated by **Richard Scofield Historic Lighting**. Write in No. 4170



These ca. 1920–1930 exterior bronze sconces were refurbished by **Schiff Architectural Detail**; they are 60 in. tall x 24 in. deep. *Write in No.* 7730



**Old California Lantern** supplies a variety of traditionally styled light fixtures. Write in  $No.\ 1608$ 



This wall-mounted copper lantern is typical of those created by **Ball & Ball Lighting**, and can be mounted on a post or pillar. *Write in No.* 7660



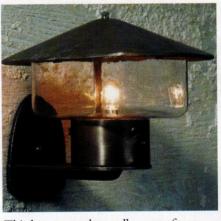
This overscaled bronzed octagonal lantern with divided lights from **Fine Architectural Metalsmiths** hangs from a forged hook that also functions as the wiring raceway. *Write in No. 2640* 



**Michael Davis Stained Glass** made these blown-glass lighting fixture reproductions for a Texas courthouse in a low-fire enamel, copying the same technique used in the original. *Call 718-383-3712 for more information*.



Arts and Crafts-style fixtures from **Architectural Area Lighting** offer options such as a copper shade (right) and a mica shade (left). Write in No. 1702



This bronze garden wall sconce from **Coe Studios** can be mounted at ground level or on a railing or post; it is available in three sizes. *Write in No. 830* 



This authentic replica 1900 light bulb from **AAMSCO Lighting** runs at 30 watts and provides 8-candle luminosity. *Write in No. 2240* 

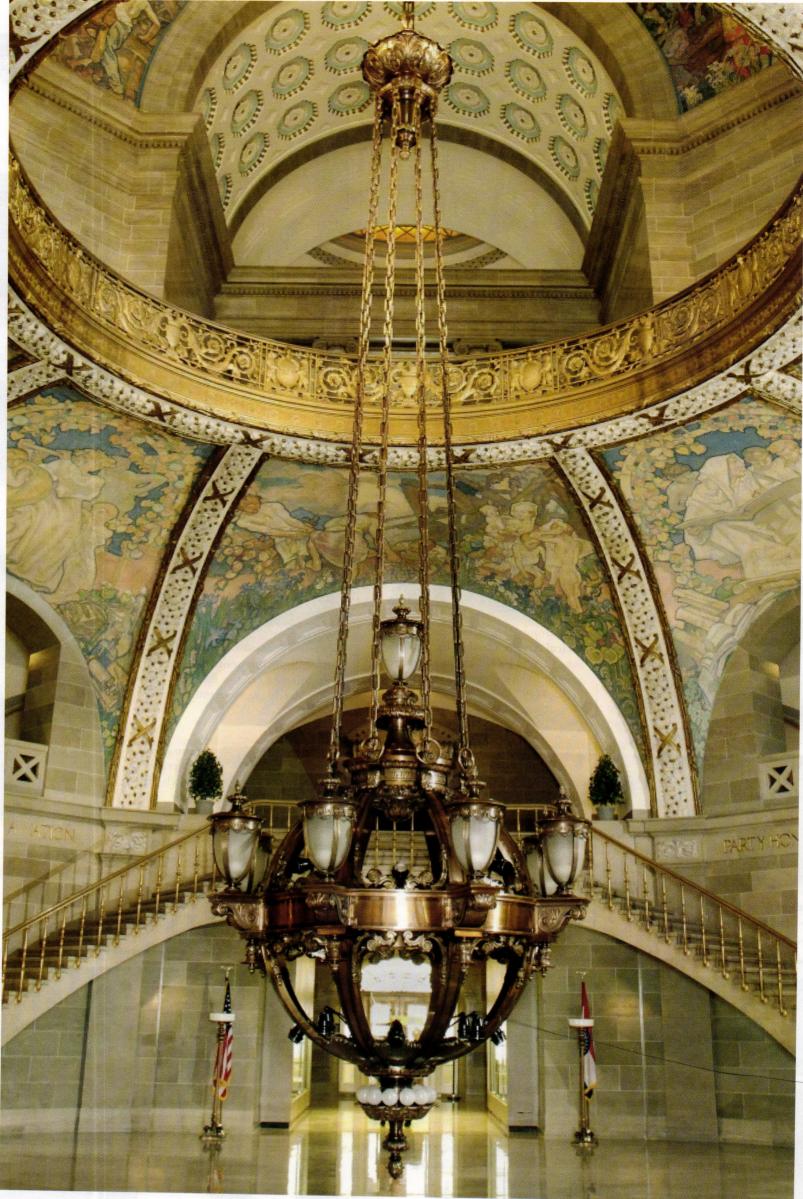


This lantern from **Deep Landing Workshop** measures 32 in. tall x 13¾ in. wide. *Write in No. 809* 



This New Orleans French Quarter-style gas lantern is one of many historical models available from **Bevolo Gas & Electric**. Write in No. 166





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The Austen Barn Light from Heritage Lanterns, the design of which dates back to the mid-1700s, is available in antiqued bronze as well as other finishes. Write in No. 1908



Lantern Masters fabricated this Spanish Revival-style wall-mounted fixture. Write in No. 1239



This ornate gas light, fabricated by Historical Arts & Casting for the Ohio State Capitol building, features an electricignition and flame-sensing system. Write in No. 1210



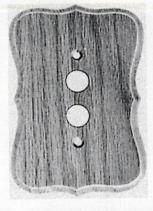
Otteson manufactured this light shade, model #339 for filter size 31/4. Write in No. 1045



Woolen Mill Fan Co. offers a selection of traditionally styled belt-driven ceiling fans. Write in No. 316



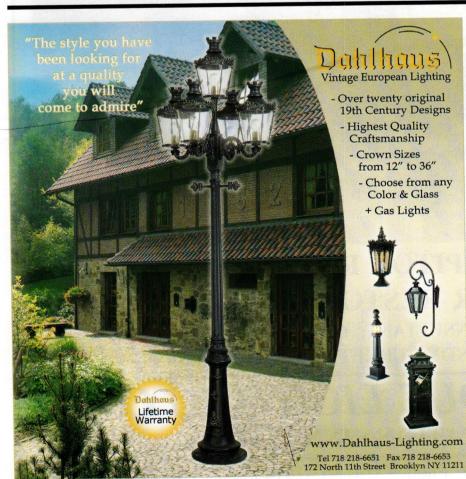
Customlightstyles.com fabricates a large variety of exterior lighting, with 10 finishes and 13 glass selections. Write in No. 2545



The Early American switch plate from Classic Accents is available in either stained or unstained oak. Write in No. 4850



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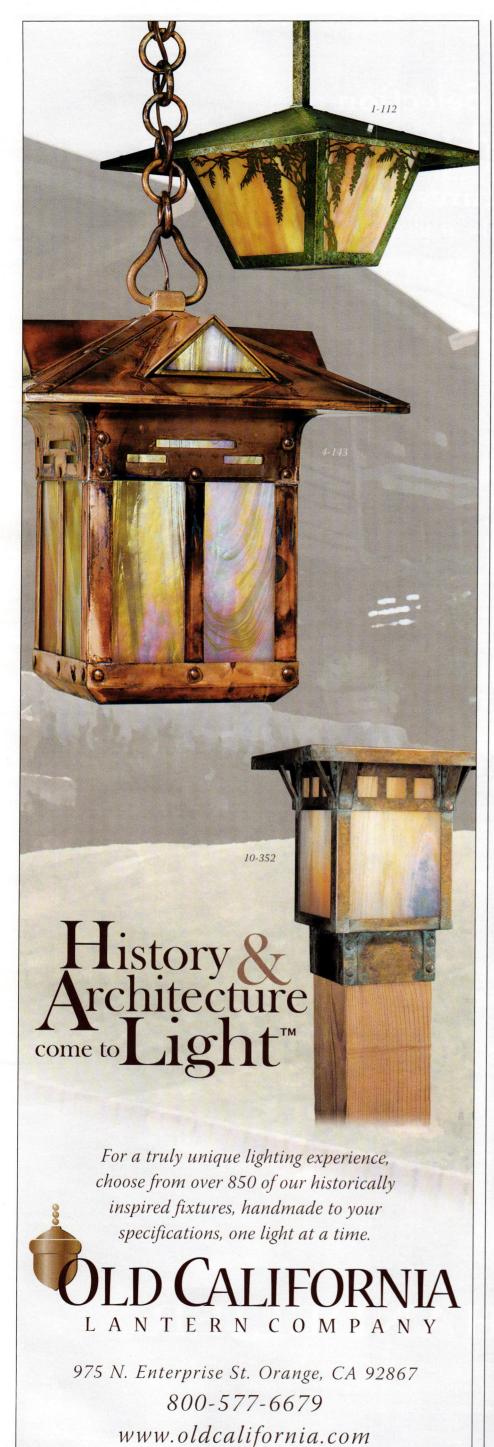
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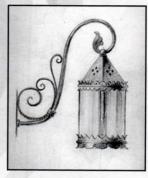


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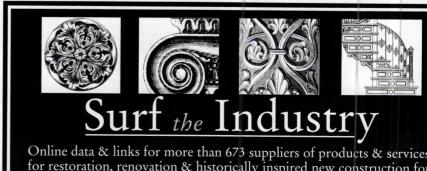
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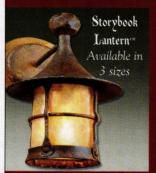










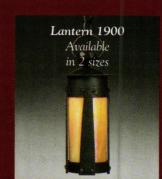




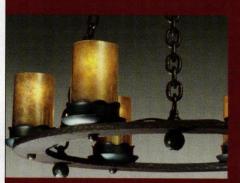


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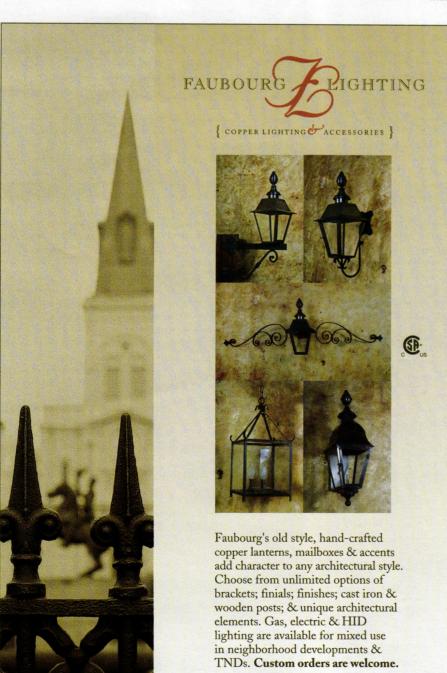




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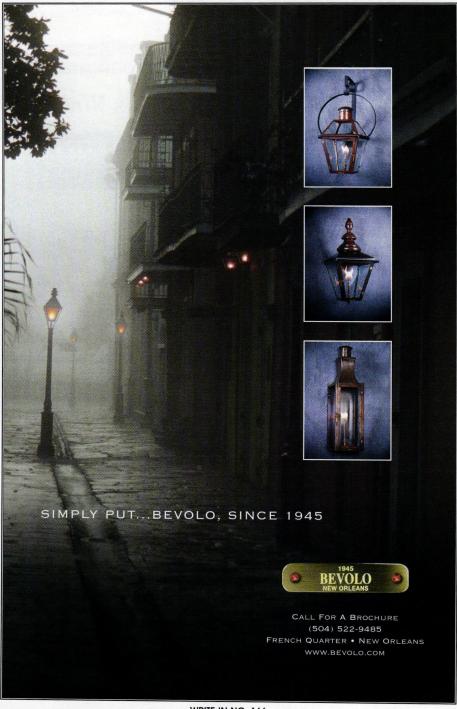




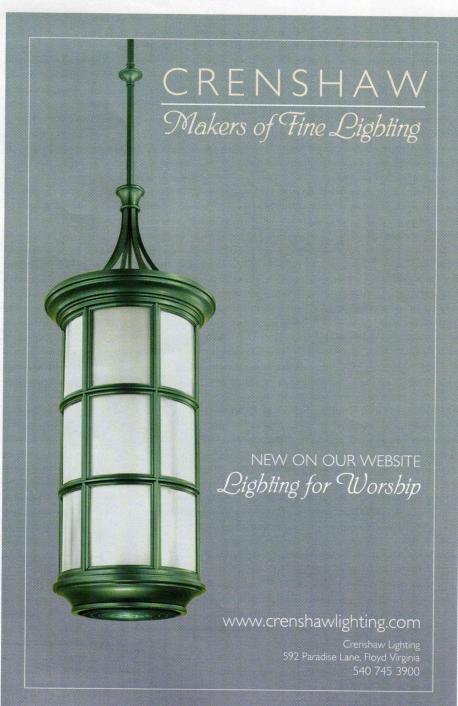








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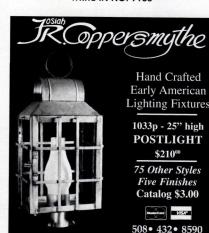
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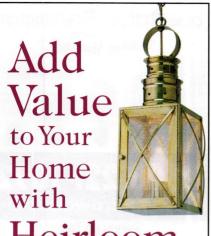
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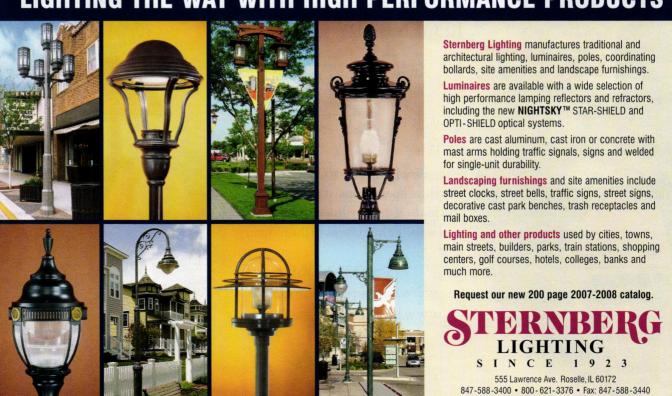


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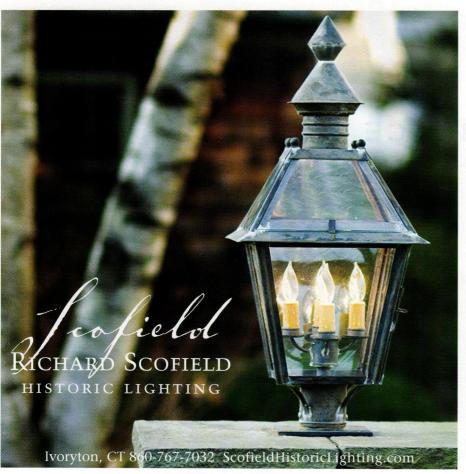
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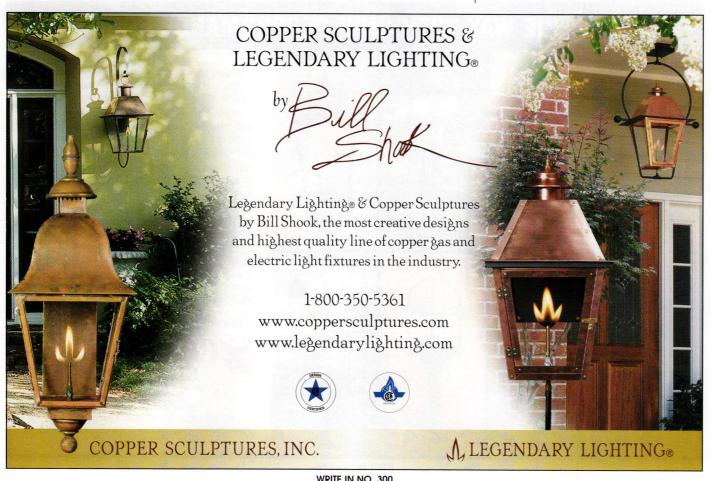
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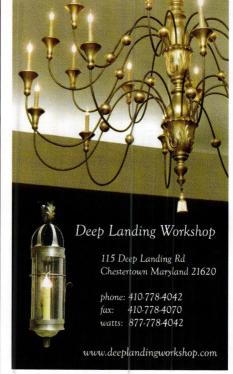
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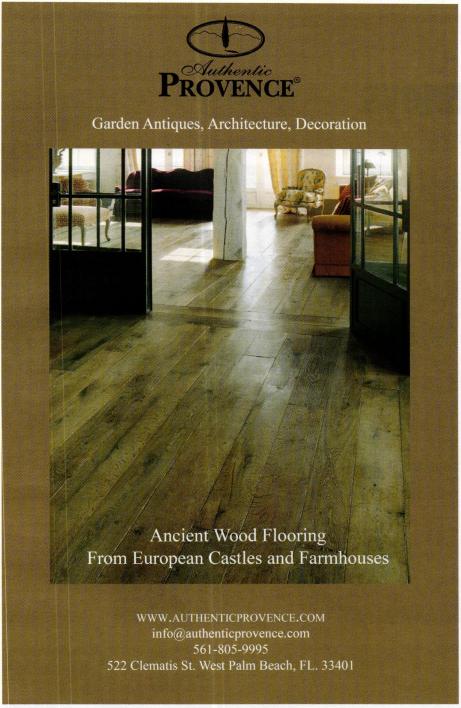


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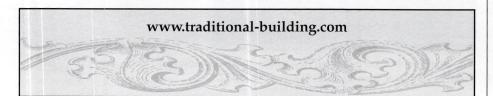
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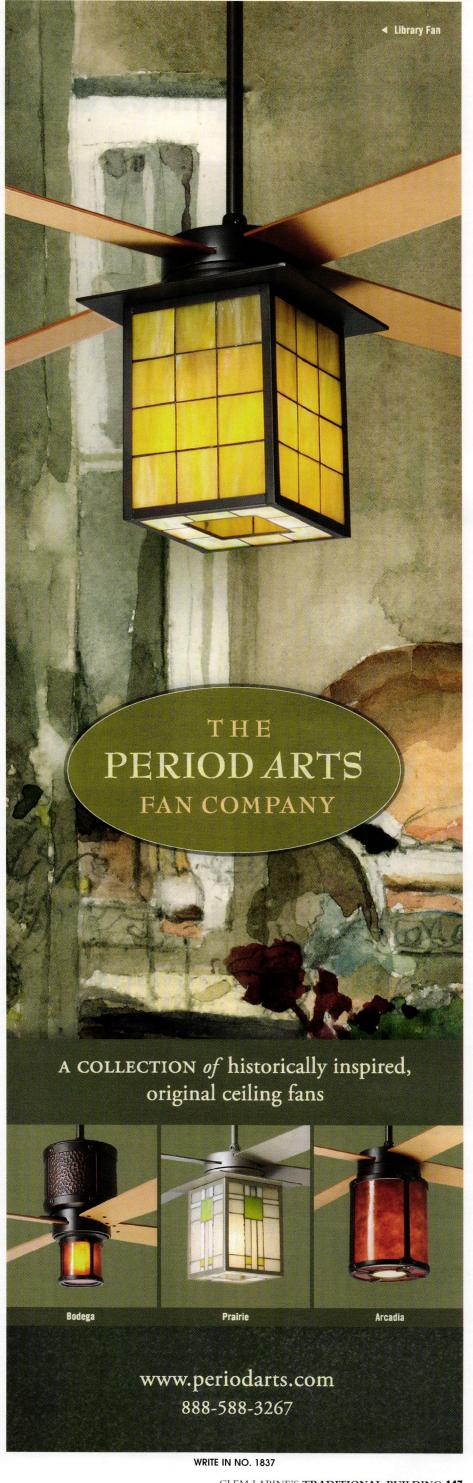
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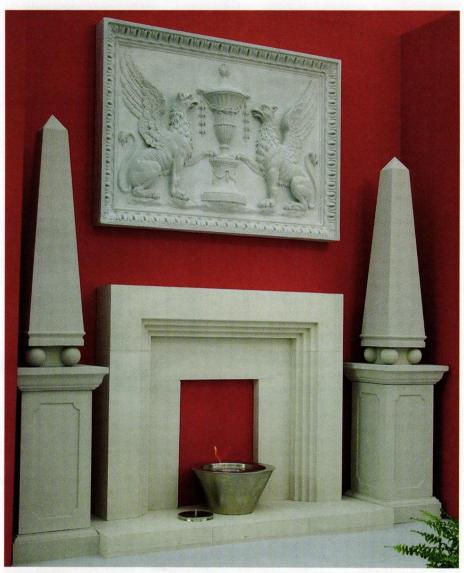






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**Haddonstone (USA)**'s Deco Chimney Piece features bold, geometric lines inspired by the Art Deco style. *Write in No. 4020* 



Both custom and stock mantels are available from **Aristone Designs** in cast stone and GFRC. *Write in No. 1555* 



This Quaker Gem cast-iron stove, dating from the 1870-90 period, was restored by **Good Time Stove**. *Call 413-268-3677 for more information*.



This custom Felstone mantel from **Felber Ornamental Plastering** was built using stock components. *Write in No. 2890* 



Custom hand-carved stone fireplace mantels are available from **DMS Studios**; this mantel was carved in limestone. Write in No. 9100



The Seville stone model with overmantel from Mantels Direct can be produced in custom sizes. Write in No. 1741



This Yucatan limestone fireplace from **Canterland of Mexico** is in a crema maya color. *Write in No. 1825* 



The final touches are being applied to this terra-cotta dragon chimney pot by Marek Drzazga of **No 9 Studio UK**. Write in No. 1672



WRITE IN NO. 1741

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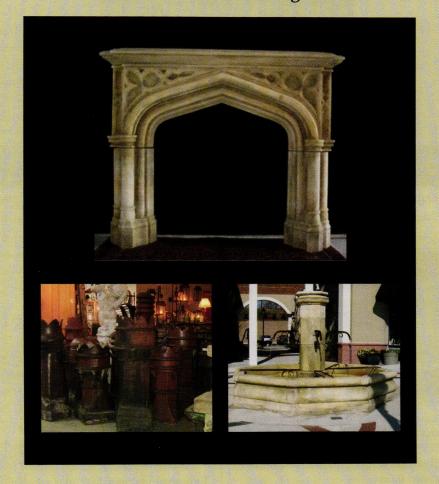
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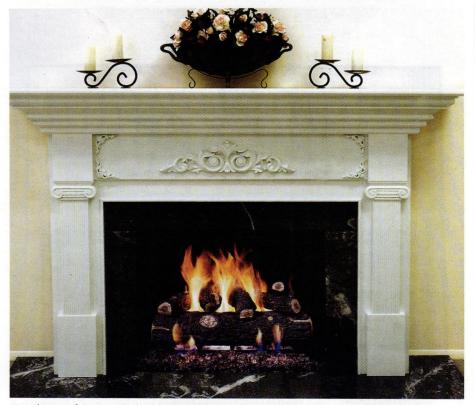


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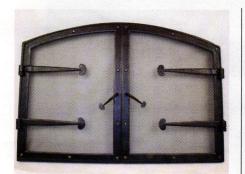
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**Forshaw of St. Louis** hand-carved Ithaca mantel has a classic plinth block and corbel design. *Write in No. 8174* 



Kayne & Son Custom Hardware hand forged this arched-top fireplace enclosure, which features bean strap hinges and levers. *Call 828-667-8868 for more information*.



**Exhausto** chimney fans offer variable settings so they can be used with masonry or metal chimneys and with wood or gas fuel. Write in No. 5670



**Jack Arnold – European Copper** offers five styles of copper chimney pots measuring up to 3½ ft. tall; they are designed to prevent rain damage and animal infestation while improving draft and reducing the risk of fires. *Write in No. 1719* 



This detail of a **White River Hardwoods-Woodworks** fireplace surround illustrates the variety of ornamentation that can be combined to create a unique mantel. *Write in No. 1099* 



The Sophia is one of many traditionally styled models offered by **Premier Mantles**.

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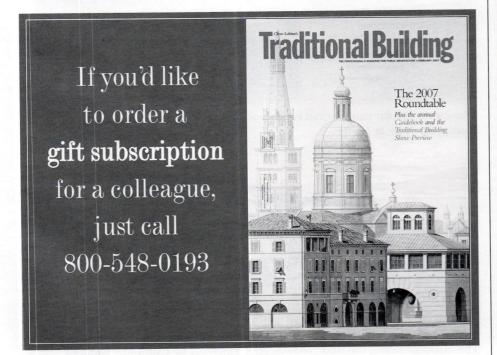
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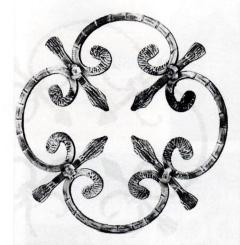




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### Metalwork

For full contact information on these companies, consult the Sourcelist on p. 44.



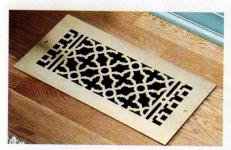
**King Architectural Metals** created this decorative panel, which measures 9<sup>13</sup>/<sub>16</sub> in. in dia. *Write in No. 418* 



These elegant wrought-iron balusters were supplied by **The Wagner Companies**. Write in No. 8035



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



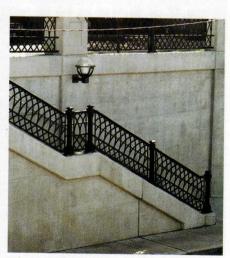
**Reggio Register** offers more than 500 register and grille styles and sizes. *Write in No. 5810* 



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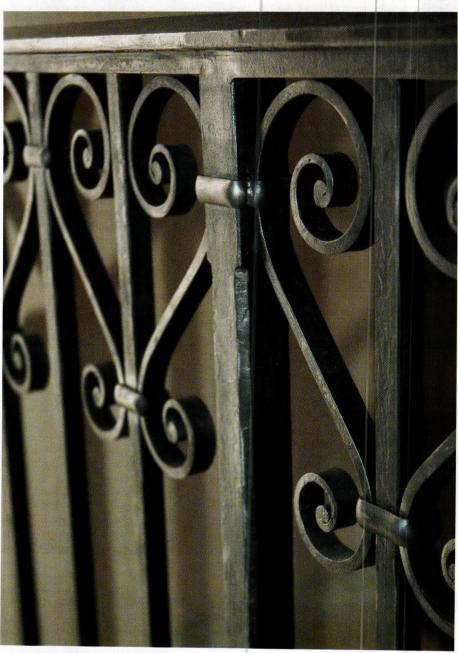
**Frank Morrow** manufactures ornamental metal trim with solid embossed banding. *Write in No. 1220* 



This metal railing was fabricated by **Steptoe & Wife Antiques**. Write in No. 470



**O.K. Foundry** fabricated this custom cast-iron stairway for the restoration of the Virginia State Capitol. *Write in No.* 1894



This detail of a custom hand-forged iron railing shows the work of **Wiemann Ironworks**. Write in No. 1223



Translucent circular staircases can be fabricated using materials from **Circle Redmont**. Write in No. 379



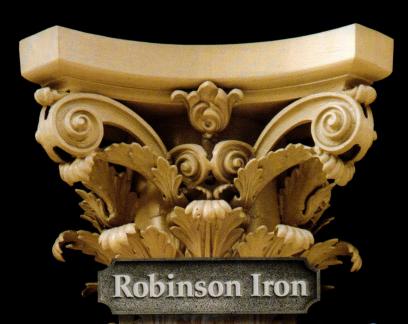
This elaborate railing was made of ½-in. steel panels cut by Colorado Waterjet.



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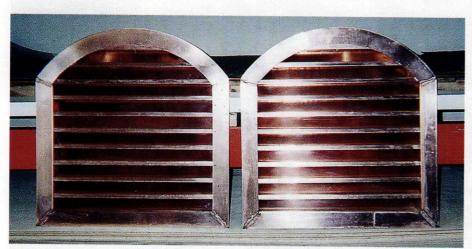
The members of NOMMA produce ornamental metalwork such as this stair railing. Write in No. 5170



This cast-iron and cherry stair railing is the work of John F. Graney Metal Design. Write in No. 4840



Ornamental aluminum castings from Texas Metal Industries include items such as spears, finials and shoes that can be used on fences and gates. Write in No. 9430



These copper arch-topped louvers were crafted by EJMcopper. Write in No. 1377



This intricate canopy with cresting, as well as the bar and billiard room verandahs and the courtyard pavilions, were custom fabricated by Robinson Iron for the Raffles Hotel in Singapore. Write in No. 3240



This ornate metal window medallion was created by Michigan Ornamental Metals. Write in No. 9520



This stair balustrade, fabricated by Schwartz's Forge & Metalworks, has gilded repousse leaf work and a custom bronze cap rail. Write in No. 1218



This 2-ft.-tall railing in cast iron was created for a building in Washington, DC, by Historical Arts & Casting. Write in No. 1210



New Star Brass & Bronze Works custom fabricated this hand-forged bronze stair and balcony railing for a building in Long Island, NY. Write in No. 3051

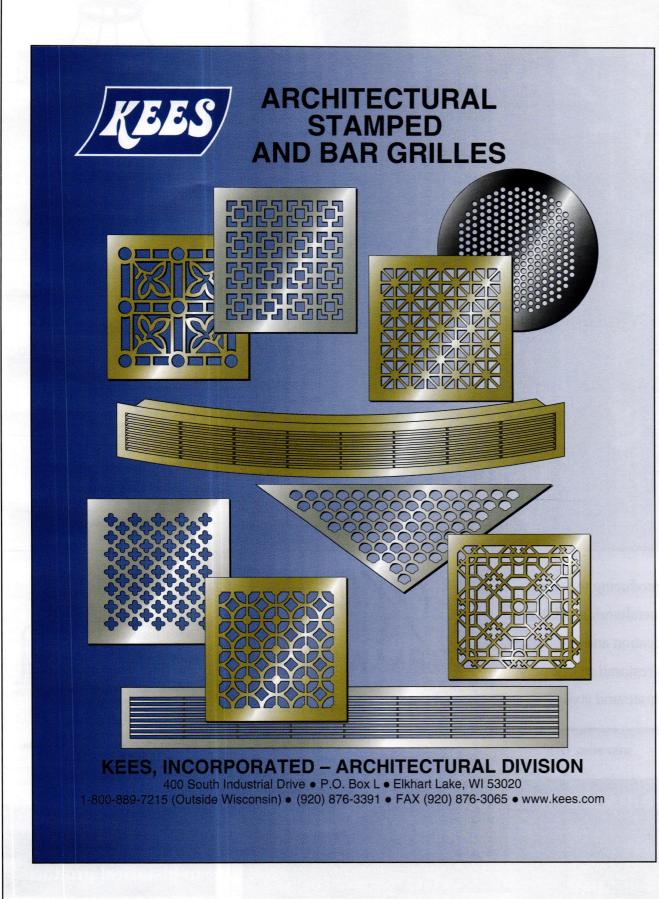


This ornate cast-iron fence detail shows the skills of the artisans at Architectural Iron Co. Write in No. 1504



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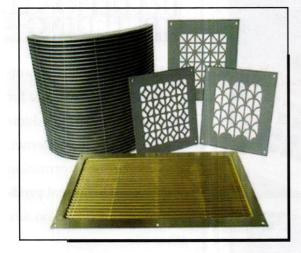
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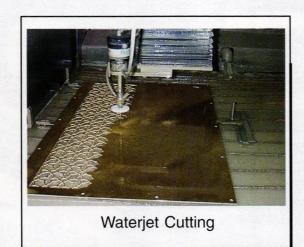
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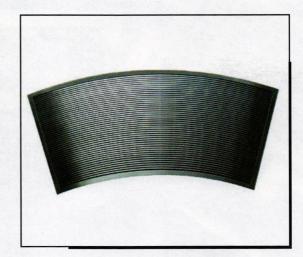
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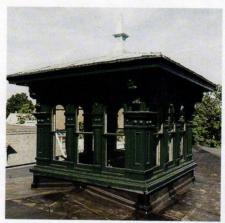
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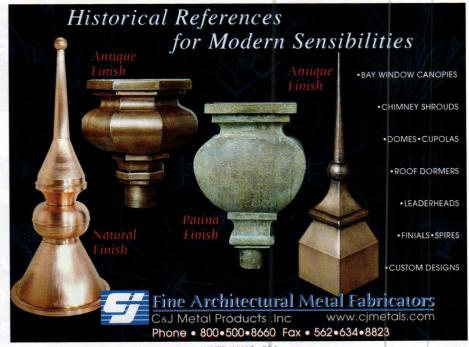


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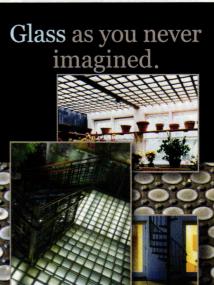
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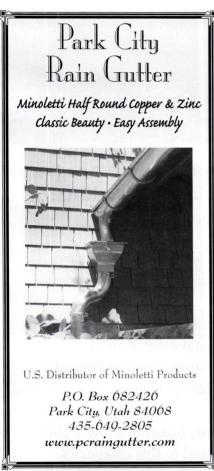
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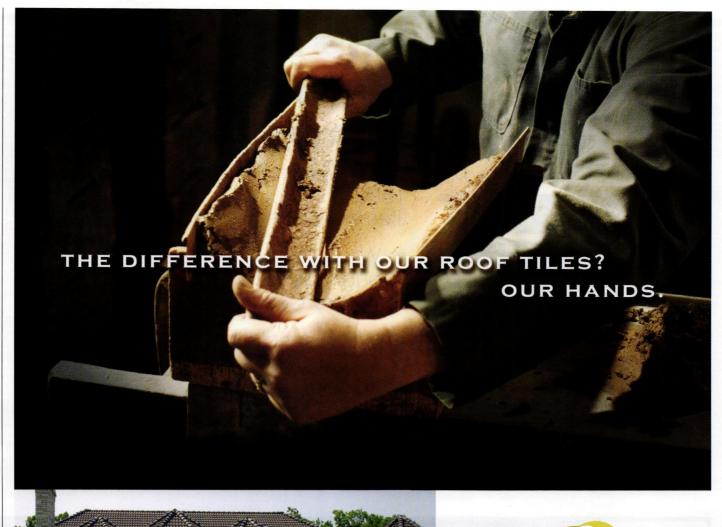
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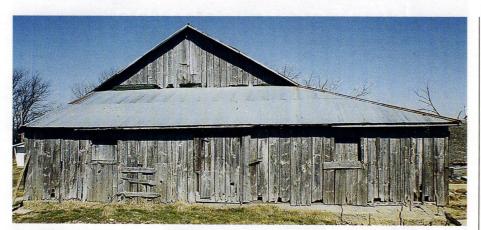
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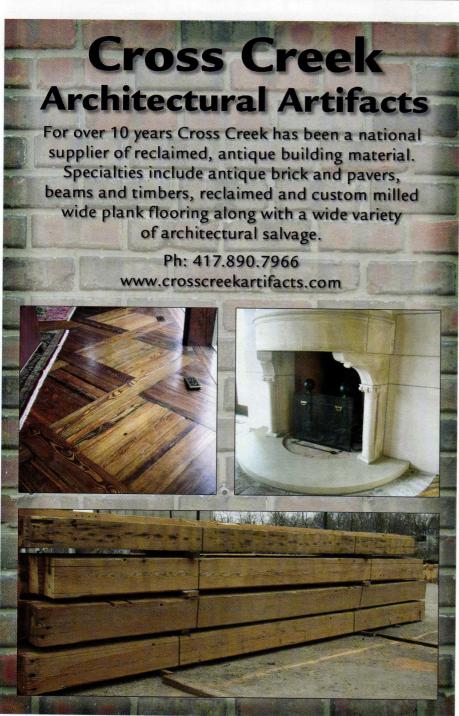
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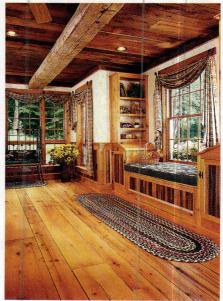
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Conkin's Authentic Barnwood supplied recycled antique oak for the flooring, bookcases and wainscoting in this sitting room. Write in No. 578

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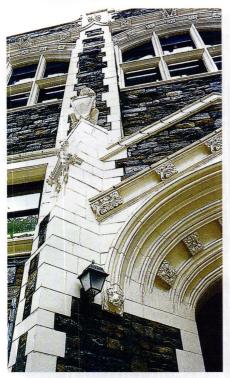
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### Stone, Brick & Masonry

For full contact information on these companies, consult the Sourcelist on p. 44.



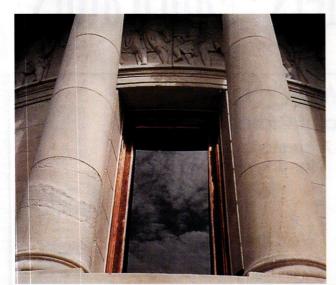
**Haddonstone (USA)** supplied the cast-stone ornament for the Marshes Shopping Centre in Ireland, including the custom-made portico with massive columns and Corinthian capitals, window surrounds and quoins. *Write in No. 4020* 



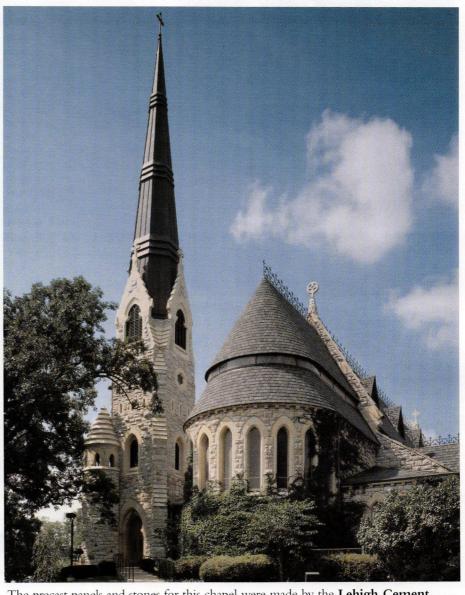
**Gladding, McBean**, supplied the replacement terra-cotta elements on this building's façade. *Write in No. 6010* 



Brick from **Old Carolina Brick** is hand molded in the Colonial tradition of craftsmanship. *Write in No. 3130* 



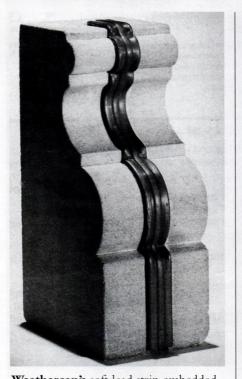
**Watertrol** restored the terra-cotta façade of this building. *Write in No. 218* 



The precast panels and stones for this chapel were made by the **Lehigh Cement Company**. Write in No. 169



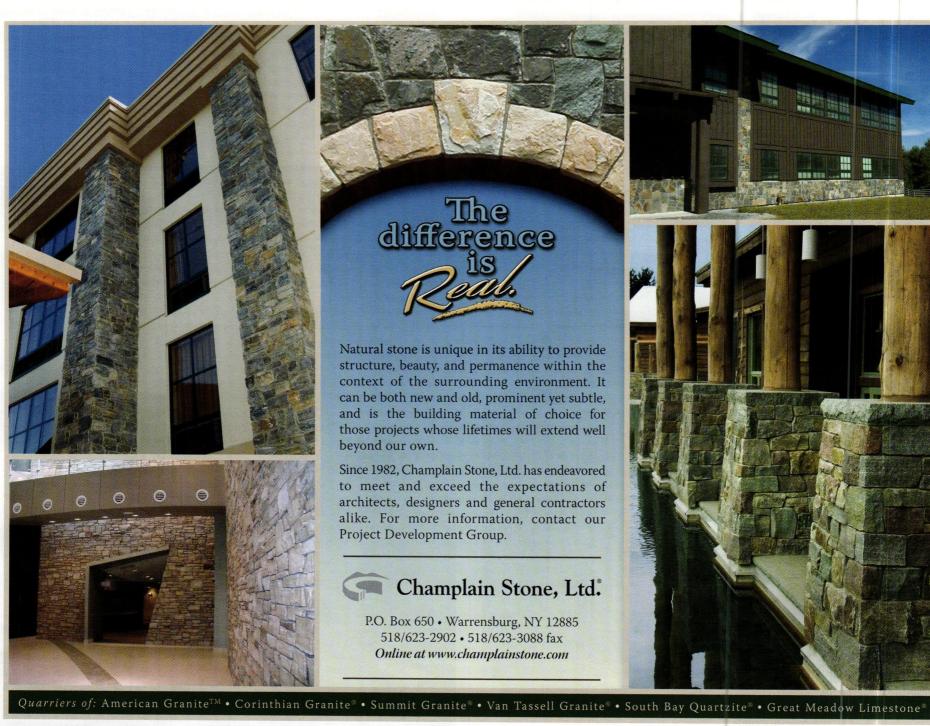
This is one of several 6-ft. griffins carved by **Architectural Stonemasonry** for the Vancouver Public Library. *Write in No. 1656* 



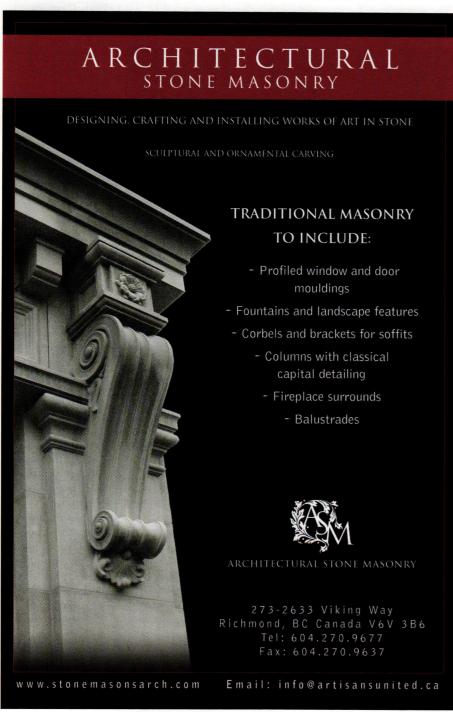
**Weathercap's** soft lead strip embedded in caulk forms a cap or seal that protects any masonry joint. *Write in No. 504* 



Boston Valley Terra Cotta restored the terra-cotta exterior of this historic building near Ground Zero in New York City. Write in No. 160







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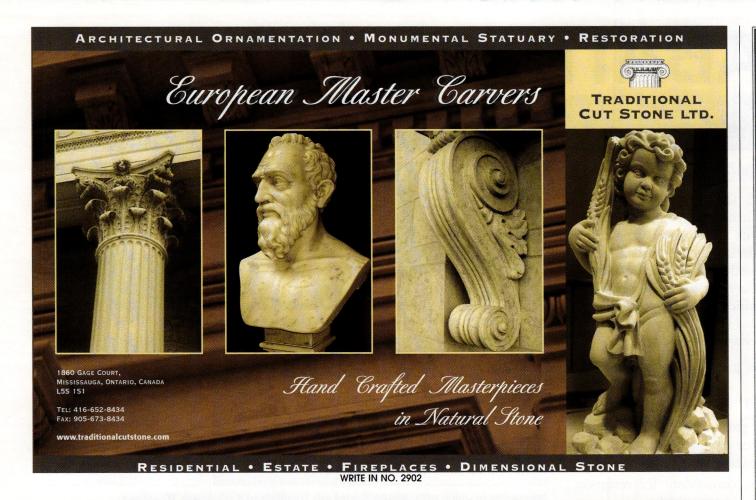
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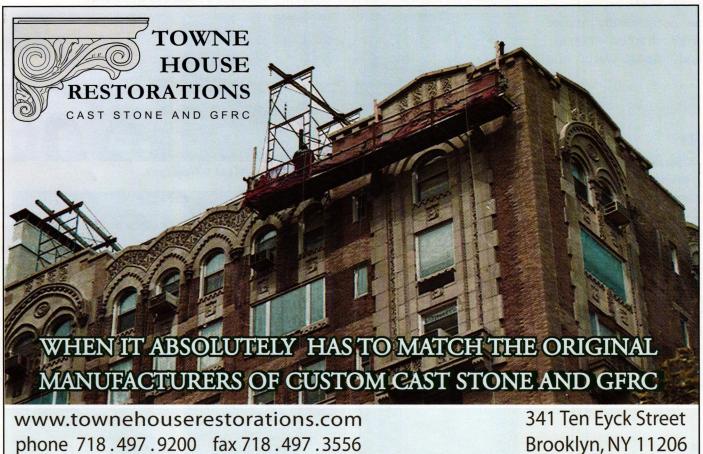
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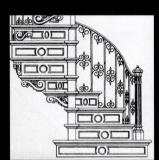
For details on the Awards program, judging criteria and submission requirements, go to

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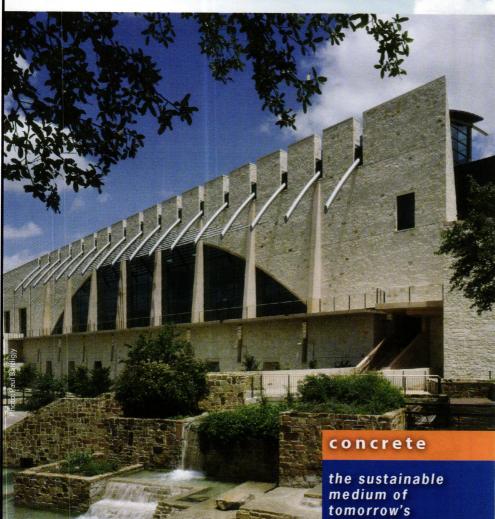




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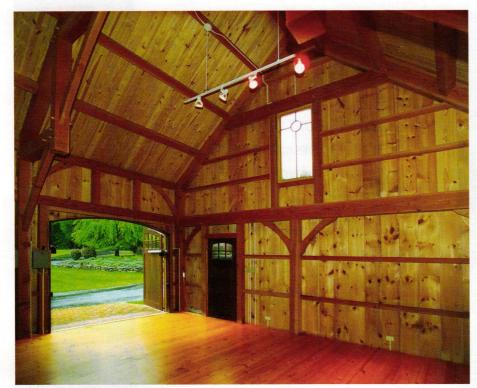
WRITE IN NO. 169

environment



# **Timber Framing & Barns**

For full contact information on these companies, consult the Sourcelist on p. 44.



**Hugh Lofting Timber Framing** specializes in designing, crafting and raising timber-frame homes and carriage houses; this carriage house features three bays and a loft. *Write in No. 663* 



This ca. 1830 timber frame was relocated by **Eagle Creek Designs** from Ohio to Pennsylvania for use as a horse barn. *Write in No. 529* 



The Southeastern Vermont Welcome Center features a 48x96-ft. timber frame constructed by **Vermont Timber Works**. *Write in No. 927* 



**Liberty Head Post & Beam** built this traditional barn in Vermont using mortise-and-tenon joinery. *Write in No. 1233* 



**New England Barn Structures** builds new barns and restores old barns.



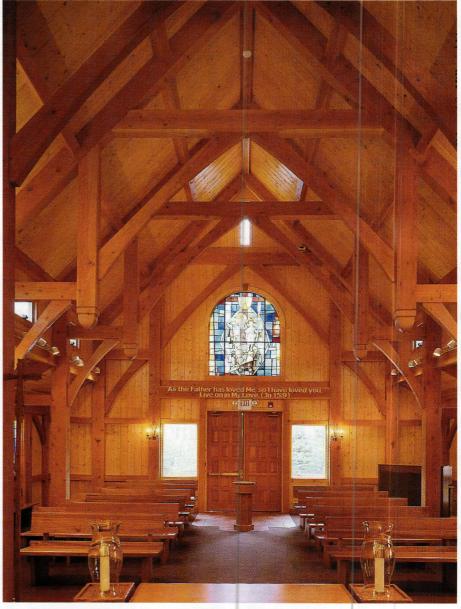
**Country Carpenters** designs and manufactures fine New England-style post-and-beam carriage houses, garden sheds and country barns. *Write in No. 1439* 



**Grean Northern Barns** constructed this timber-frame barn in New Hampshire. *Write in No. 952* 



**Kronenberger & Sons** used rusticstyle cedar framing when renovating this structure in Connecticut. *Write in No.* 536



**Timberpeg** designs and engineers timber-framing products using eastern white pine and Douglas fir. *Write in No. 8370* 

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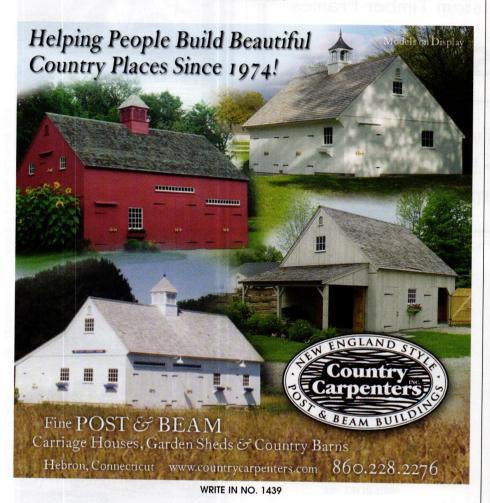
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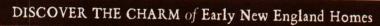
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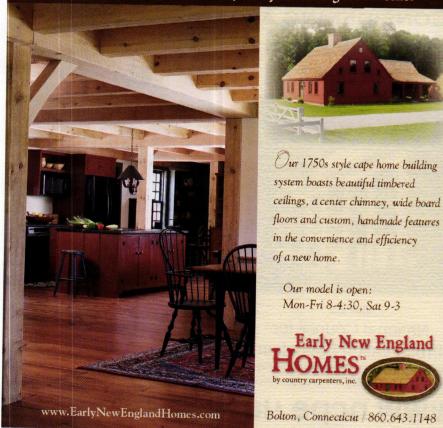
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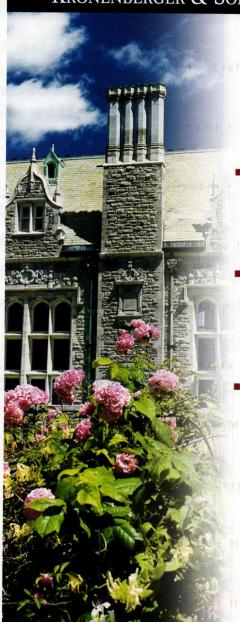






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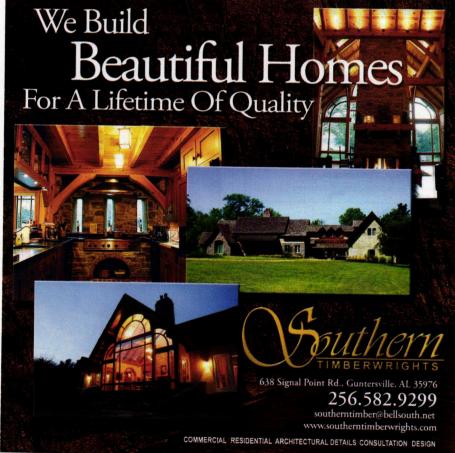
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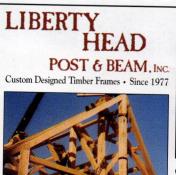


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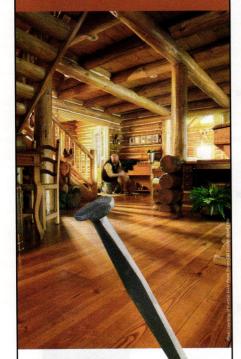


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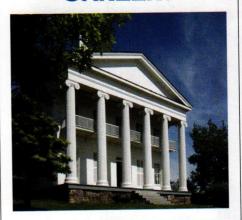
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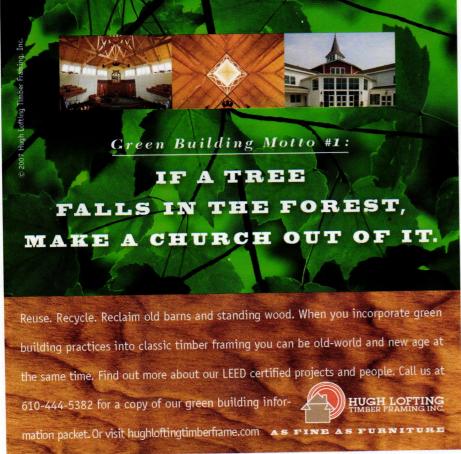
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# **Tools & Equipment**

For full contact information on these companies, consult the Sourcelist on p. 44.



The 5-in-1 combination protractor from **Starrett** provides readings for miter, single and compound cuts as well as for angles and roof pitch references.

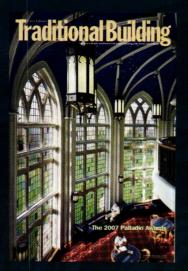


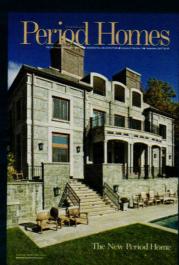
**Trow & Holden Co.** manufactures a complete line of stone-cutting tools. Write in No. 1058



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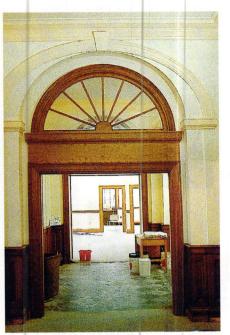
For full contact information on these companies, consult the Sourcelist on p. 44.



A-Art/B. Rasmussen carved 32 beerrelated designs in white maple for the executive tasting room at the Anheuser-Busch Brewery in St. Louis, MO. Write in No. 821



This hand-carved piece was custom made by Michael A. Dow-Woodcarver, who creates architectural and ornamental pieces in any style and wood species. Call 207-363-7924 for more information.



Architectural Components built the custom lunette, door frames, casing, chair rail and wainscoting to match the existing elements of this building. Call 413-367-9441 for more information.



Adams Stair Works & Carpentry designed and manufactured these stairs and railing. Write in No. 610



staircase leading to the bell tower at the Vanderbilt Museum in Centerport, NY. Write in No. 1915



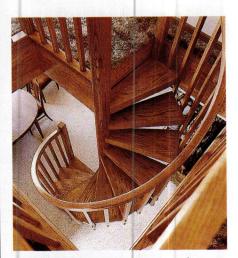
These custom moldings were hand carved by Agrell Architectural Carving.



Goodwin Associates supplied the hand-carved rosettes and corbels for this domed ceiling. Write In No. 806



This elephant corbel was fabricated by Superior Moulding. Write in No. 138



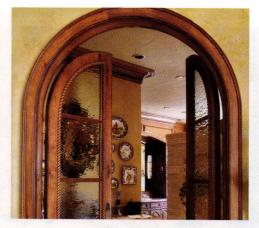
Goddard fabricates custom spiral staircases in oak, pine and other wood species. Write in No. 4780

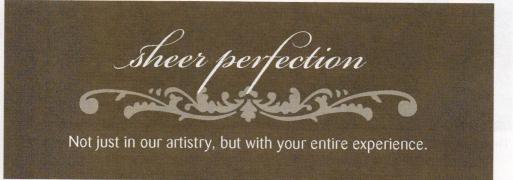


This curved staircase was custom fabricated by Sterling Staircase to fit into a small space. Write in No. 547



















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This rosette was hand carved by Frederick Wilbur-Woodcarver. Write in No. 1650



**Vintage Woodworks** supplied Mary Elizabeth spandrels for this hotel lobby. *Write in No. 1061* 



These balusters and stair-tread brackets are examples of the wide variety of architectural millwork fabricated in premium hardwoods by **Cumberland Woodcraft**. *Write in No. 1310* 



WoodEpox from **Abatron** can be used to repair wood elements such as this column. Write in No. 1300



**Khechoyan's Carvings & Tools** hand carved these walnut corbels with a pineapple design.



This elaborate wood-work is representative of the many moldings that are hand carved by the artisans at White River Hardwoods-Woodworks. Write in No. 1099





These intricate wood panels were carved by Dimitrios Klitsas—Fine Wood Sculptor. Write in No. 7380

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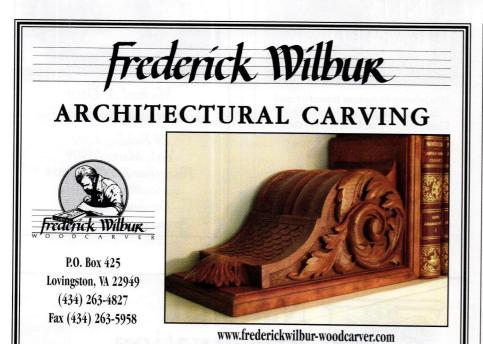
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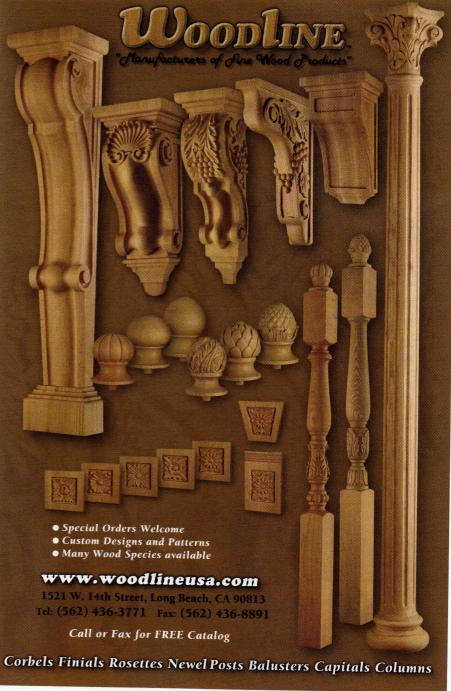
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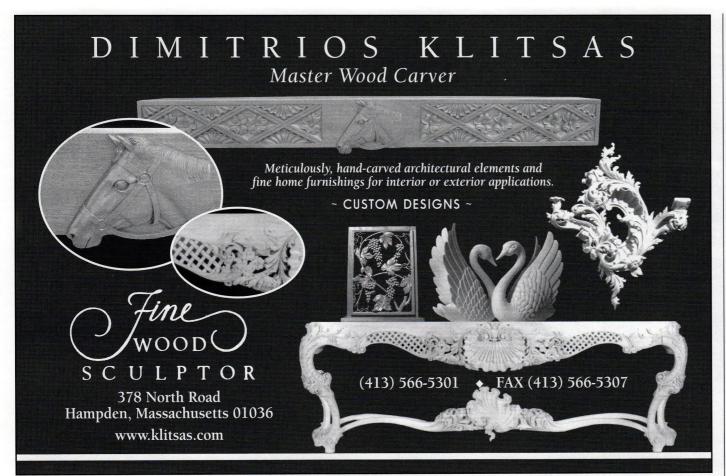
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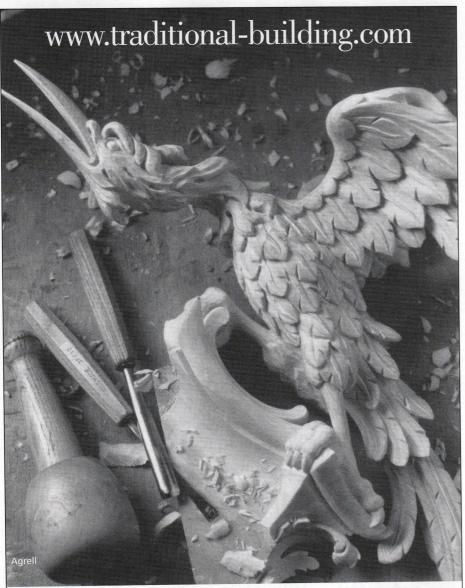
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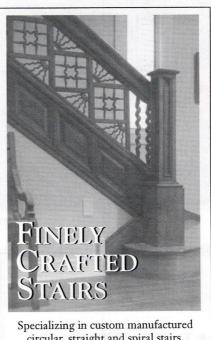
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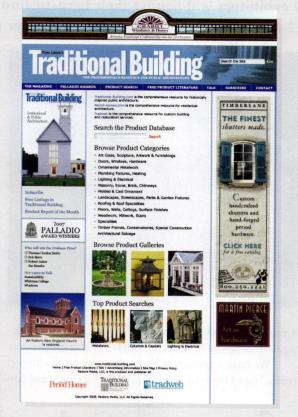
# A New Old Website

Traditional-Building.com has a new look and an expanded array of information and services.

he website of Traditional Building magazine, which has served readers and web surfers faithfully for many years, has a new look and is offering greatly expanded information and services. Relaunched this month, the completely revamped site is at the same address, www.traditional-building.com, but the interface has been completely redesigned.

Visitors to the website will still find the product and service listings that have always been available, but a new design makes it easier and more convenient to access this information. The new website also offers many new services and a greatly expanded selection of information.

The Product Galleries, for example, offer a visual presentation of all of the photos and captions from the SourceLists in the most recent issue of the magazine. Another important addition is the availability of a greatly expanded selection of editorial material from the magazine. Many of the profiles, features, recent projects, book reviews and opinion pages now found only in the printed magazine will be available on the web. A reader discussion forum, "Talk," where visitors to the website can discuss topics, has also been added.



In addition, everything that is posted will be archived and easily searchable.

"Until now the website has been a vertical search engine for traditional products and services," says Pete Miller, president of Restore Media. "While that is a big part of the magazine, it doesn't include all of the editorial material, such as architectural firm profiles, recent projects and book reviews. Now, for the first time, almost everything you find in the magazine will be on the website, and you will be able to search back issues. This will make the website fresher and more engaging. It is a valuable resource for the industry."

"The redesigned website is much closer to the magazine, although without the hard copy's scale and heft," says Traditional Building Editorial Director Michael Carey. "The magazine has developed over the last few years into the prime venue for showcasing traditional architectural work, from restorations to major new construction projects. We are very happy to be making this fine work known to as wide an audience as possible. While the site has traditionally been used as a product search engine, these new features, editorial, product-related and interactive, will offer our audience a far richer experience." TB



FREE PRODUCT LITERATURE

#### Product Gallery LIGHTING SPECIAL REPORT OF THE MONTH

These Product Galleries are taken from the pages of the current issue of Traditional Building magazine. Browse the galleries by category to find suppliers, manufacturers and custom fabricators of traditional



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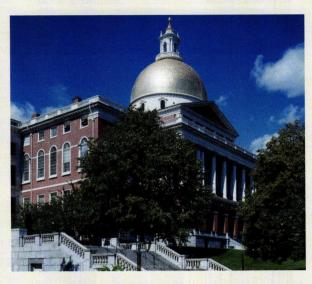
cotta sales

Mark your calendars for March 12-15 and plan to be in Boston for the Traditional Building Exhibition and Conference at the Hynes Convention Center. The event will include more than 70 seminars, workshops and tours in a city that is rich in architectural tradition. In addition, approximately 150 exhibitors will feature their hard-to-find traditional products and services. The conference program runs for four days (March 12-15) and the exhibit hall for three days (March 13-15).

"The Traditional Building Exhibition and Conference is the only national trade show and conference for historic home owners, architects, designers, contractors and developers, planners, building owners and craftsmen involved in historic restoration, renovation and traditionally inspired new design and construction," says show director Eric Peterson.

"The show is an approved provider of continuing-education credits for architects, interior designers, members of the American Institute of Building Design, the American Planning Association's Institute of Certified Planners, and for NAHB members who hold their Certified Graduate Remodeler, Certified Master Builder and Graduate Master Builder designations. We can help others document their work experiences for state licensure and employment needs, as well," adds conference director Judy Hayward.

Educational seminars and workshops will cover a wide array of topics and product segments, including window and sash repair, plaster repair, roofing, siding, ornamental ironwork and paint selection. Live demonstrations



in the exhibit hall will feature traditional-building techniques, how-to information and old-world craftsmanship.

"We have a special emphasis this year on the 'trowel trades," says Hayward. "Spend four days with us and you

will get a comprehensive learning experience on everything from terra cotta to concrete, lime mortar to tuck pointing for stonework, and plaster repair to salvaging stone. There are several programs that make the link between sustainable practices and historic preservation and contemporary traditional building. The sessions are designed to help professionals look for the green aspects of saving historic buildings and to help them make that case with clients. Window repair and replacement will be covered in five programs."

One of the highlights at the Spring 2008 Traditional Building Exhibition and Conference will be keynote speaker Joseph Riley, the mayor of Charleston, SC, who has been so instrumental in restoring this historic city. He will speak about the role of architecture in the community. The other keynote speaker will be Frank Shirley, architect and author of *New Rooms for Old Houses*.

It's also not too early to start thinking about the Fall 2008 show. It is scheduled for September 18-20 in Chicago. For more information on both shows, go to www.traditionalbuildingshow.com or call 866-566-7840.

# Conference Schedule

Wednesday, March 12, 2008

8:30 a.m.-5:30 p.m.

G01 Sustainable Building Practices: The Original Green. 8 AIA HSW CEUs. Steven Mouzon, AIA, LEED, CNU, New Urban Guild, Miami, FL

8:30-11:45 a.m.

W01 A Collaborative Approach to Decorative Painting: Boston's Trinity Church Lecture and Tour. Intermediate/Advanced; 3 AIA HSW CEUs. Participants will walk approximately 2 blocks to the church for a tour. John Canning, president, and Mark J. Weisman, AIA, vice president, John Canning & Co., Ltd., Cheshire, CT; Jean Carroon, AIA LEED, AP, Goody Clancy, Boston, MA; Carl Jay, director of historic preservation, Shawmut Design and Construction, Boston, MA; Gianfranco Pocobene, MAC, Gianfranco Pocobene Studio, Inc., Malden, MA

9 a.m.-5 p.m.

W02 Repairing Wood Windows: A Master Class. Intermediate/Advanced; 6 AIA HSW CEUs. John Leeke, preservationist, John Leeke's Historic Home Works, Portland, ME; Duffy Hoffman, preservation consultant, Elkins, WV; Jim Turner, president, Turner Restoration, Detroit, MI

W03 Preservation in Practice: Behind the Scenes at Lowell NHP Tour.

Introductory/Intermediate; 4AIA HSW CEUs. Charles Parrott, architect, and Ted Davies, facility manager, National Park Service, Lowell, MA

9-11 a.m.

**T01 Caring for Historic Wood and Painted Finishes.** Introductory; 2 AIA HSW CEUs. Ted
Eayrs and Walter Eayrs, partners, Blackburn
Restoration Services, LLC, Middelboro, MA

10:15-11:15 a.m.

P01 Adaptive Reuse and Salvaging Rare Building Materials. Intermediate; 1 AIA HSW CEU. Tom Davies, AIA, director of design and construction, Amherst College, Amherst, MA; Mark Tassinari, senior project manager, Amherst College, Amherst, MA; David Bliss, Shepley Bulfinch Richardson and Abbott, Boston, MA; Randy Catlin, project executive, and Mike Kearns, project manager, Shawmut Design and Construction, Boston, MA

**T02 Architectural Balustrades.** Intermediate; 1 AIA HSW CEU. Danny Gonzales, national sales manager, Timeless Architectural Reproductions, Cummings, GA

11:30-12:30 p.m.

T03 Secrets, Mysteries and Technical Aspects of Hardwood Floors. Intermediate; 1 AIA HSW CEU. Thomas D. Osborn and Frances G. Welson, Mosaic Hardwood Floors, Holyoke, MA

T04 Using Terra Cotta Ornament.
Introductory/Intermediate; 1 AIA HSW CEU. Jeff Roush, owner, Jeff Roush Ceramics, Weare, NH

1:30-5:30 p.m

W04 Design and Craftsmanship: The Charlestown Navy Yard Tour.

Introductory/Advanced; 3 AIA HSW CEUs. W. Lewis Barlow, FAIA and FAPT, senior historical architect, National Park Service, Charlestown Navy Yard, Charlestown, MA

1:30-4:45 p.m.

W05 Tuck Pointing Stone Work.

Intermediate/Advanced; 3 AIA HSW CEUS. Frank Genello, professor of masonry, American College of the Building Arts, Charleston, SC

1:30-2:30 p.m.

P02 ADA Requirements and Historic Buildings: Removing the Barriers (90 minutes). Intermediate; 1.5 AIA HSW CEUs. Kathy Gips, director of training, New England ADA Center, Boston, MA

P06 Good Neighbors: New Construction, Preservation and Campus Expansion.

Intermediate; 1 AIA HSW CEU. Mark Johnson, director of major capital projects and physical planning, Harvard Law School, Cambridge, MA; Enzo G. Scalora, principal, CSL Consulting, LLC, Cambridge, MA; Jonathan Austin, AIA, Austin Architects, LLC, Cambridge, MA; Terry Tolosko, SEA Consultants, Cambridge, MA; Chris Semlies, senior project manager, Shawmut Design and Construction, Boston, MA

3-4:30 p.m.

P03 Technology in Transition: Problems with Late 19th/Early 20th Century Buildings.
Intermediate; 1.5 AIA HSW CEUs. Michael S. Teller, AIA, principal, CBI Consulting, Inc., Boston, MA

5-6 p.m. – Plenary Session

P04 The Historic American Buildings Survey 1933-2008: 75 Years of Preservation Through Documentation. Introductory; 1.5 AIA HSW CEUs. Mark Schara, AIA, Architect, National Park Service, Washington, DC Thursday, March 13, 2008

8-11:15 a.m.

W06 Understanding Lime Mortar.

Introductory/Advanced; 3 AIA HSW CEUs. John Speweik, vice president, and Mario Machnicki, president, U.S. Heritage Group, Inc., Chicago, IL

W07 What is Wrong with My Stained Glass Windows? Introductory/Intermediate/Advanced; 3 AIA HSW CEUs. Arthur Femenella, president, Femenella & Associates, Inc., Annandale, NJ

W08 Paint Practices for Historic Structures. Introductory/Advanced; 3 AIA HSW CEUs. Duffy Hoffman, preservation consultant, Elkins, WV

G02 Sustainable Building Practices: Case Studies of Durability, Sustainable Development and Agriculture on the Urban Edge. Intermediate; 3 AIA HSW CEUs. Marieanne Khoury-Vogt, Julie Sanford and Robert Orr, New Urban Guild, Miami, FL

8:30-9:30 a.m.

S01 The Dollars and Cents of Repair vs.
Replacement. Intermediate; 1 AIA HSW CEU.
Troy Axe, president, Legacy Renovation Products &
Services, Tacoma, WA

P14 New Canaan's Mid-Century Modern Houses. Intermediate; 1 AIA HSW CEU. Raymond Pepi, president, Building Conservation Associates, Inc., New York, NY

10-11 a.m.

P05 The Palladio Awards: Commercial, Institutional and Public Winners (90 minutes). Introductory; 1.5 AIA CEUs. Michael Carey, editorial director, Clem Labine's Traditional Building and Clem Labine's Period Homes, Brooklyn, NY

S03 What Replacement Windows Can't Replace. Intermediate; 1 AIA HSW CEU. Walter Sedovic, principal and CEO, and Jill Gotthelf, associate, Walter Sedovic Architects, Irvington, NY

**T09** Specifying the Repair of Historic Timber (90 minutes). Intermediate; 1.5 AIA HSW CEUs. Ron Anthony, wood scientist, Fort Collins, CO

Not Master Builder: Crafting a Responsible New Old House. Intermediate; 1 AIA CEU. Eric N. Kuchar, project architect, Connor Homes, Middlebury, VT

12 noon-1:30 p.m.

N02 Substitute Materials: The Changing Face of Trim Products. Introductory; 1 AIA HSW CEU. Kristen Baer, territory sales manager, Azek Trimboards, Moosic, PA

**T07** The Color Doctor – Live in the Exhibit Hall. Introductory/Advanced; 1 AIA HSW CEU. John Crosby Freeman, The Color Doctor, Norristown, PA.

2:30-3:30 p.m.

R01 The Palladio Awards: Residential Winners (90 minutes). Introductory; 1.5 AIA CEUs. Michael Carey, editorial director, Clem Labine's Traditional Building and Clem Labine's Period Homes, Brooklyn, NY

G03 Sustainable Building Practices: Deep Green. Introductory/Advanced; 1 AIA HSW CEU. Steven Mouzon, AIA, LEED, CNU, New Urban Guild, Miami, FL

S02 How Green was My Project? Historic Federal Buildings and LEED.

Introductory/Intermediate; 1AIA HSW CEU. Jean Carroon, AIA, LEED, principal, Goody Clancy, Boston, MA; Janine Kurth, AIA, GSA Region One historic preservation officer, Boston, MA

T18 Natural Stone – Preparing for Restoration. Intermediate; 1 AIA HSW CEU. Laurie L. Wells, technical sales & marketing, Old World Stone, Ltd., Burlington, ON, Canada

T06 Historic Surface Design and Decoration. Intermediate; 1 AIA HSW CEU. Marylou Davis, owner, Marylou Davis, Inc., Woodstock, CT

P09 The Underground Option: Low-Profile Additions to High-Rise Buildings.
Introductory; 1 AIA HSW CEU. Loretta Hall, writer, The Write Equation, Inc., Albuquerque, NM

4-5 p.m.

P10 Managing Restoration While the Client's Work Continues. Intermediate; 1 AIA HSW CEU. Vance Hosford, Vance Hosford, AIA Architect, West Townsend, VT; Lisa Harrington, Building Conservation Associates, Inc., Dedham, MA; Julie L. Sloan, stained-glass consultant, North Adams, MA; Carl A. Jay, director of historic preservation, and Patricia Palmiere, project manager, Shawmut Design and Construction, Boston, MA

T08 The Lake Superior Sandstone Conundrum. Intermediate; 1 AIA HSW CEU. Edward Gerns, consultant, Wiss, Janney, Elsner Associates, Chicago, IL

S04 Preservationists vs. The Planet: The Green Design Critique and the Preservation Response. Intermediate; 1 AIA HSW CEU. Stephen Tilly, principal, and Elizabeth Martin, landscape designer, Stephen Tilly Architect, Dobbs Ferry, NY

P11 Ellis Island: Stabilizing and Restoring America's Immigrant Hospital. Intermediate; 1.5 AIA HSW CEUs. Mark Thaler, principal, Einhorn Yaffee Prescott Architecture & Engineering, Albany, NY

P07 Government Center: Brutalist Planning in the Heart of Boston. Introductory/Advanced; 1 AIA HSW CEU. Panelists from the New England Chapter of DOCOMOMO and the Boston Preservation Alliance

5:30-6:30 p.m. – Keynote Address

P12 Live, Work and Play: Architecture and
Community. Intermediate; 1 AIA HSW CEU.
Mayor Joseph Riley, Charleston, SC

#### Friday, March 14, 2008

8-11:15 a.m.

W09 New Urbanists & Preservationists:
Walking & Working Together Tour.
Introductory/Intermediate; 1.5 AIA HSW CEUs.
Sarah Kelly, executive director, Boston Preservation
Alliance, Boston, MA; Michael Behrendt, chief of
planning, City of Rochester, Rochester, NH (Note:
dress warmly with comfortable shoes or boots.)

W10 Moisture Problems in Historic Masonry: Causes and Solutions Workshop. Intermediate; 3 AIA HSW CEUs. Mario Machnicki, president, U.S. Heritage Group, Chicago, IL

W11 Classical and Vernacular Traditions in New England Architecture. Introductory/ Advanced; 2 AIA HSW CEUs. John Tittmann, principal, Albert Righter & Tittmann Architects, Boston, MA; Donald Powers, principal, Donald Powers Architects, Providence, RI (Recommended reading: A Comprehensive Handbook to the Tradition of the Classical Style, by Robert Adam.)

8:30-9:30 a.m.

P08 Ralph Adams Cram in Boston.
Introductory/Intermediate; 1 AIA HSW CEU.
Ethan Anthony, AIA, president, HDB/Cram &
Ferguson, Inc., Boston, MA (Recommended reading: The Architecture of Ralph Adams Cram and His Office, by Ethan Anthony, and "Higher Calling," by Kim A. O'Connell, Clem Labine's Traditional Building, December, 2007.)

P13 How to Get Tax Credit Approval. Introductory; 1.5 AIA HSW CEUs. John Sandor, architectural historian, National Park Service, Washington, DC

T10 The Removal and Reinstallation of the Marmion Room. Introductory/Advanced; 1 AIA HSW CEU. J. Michael Kelley, president, J.M. Kelley, Ltd., Niskayuna, NY

**T15 Stained Glass Restoration: Glazing and Framing Systems.** Introductory; 1.5 AIA HSW CEUs. Ronald Bovard, CEO, Ronald Bovard Studio, Inc. Fairfield, IA

10-11 a.m.

P15 Maintaining a Preservation Library. Introductory; 1 AIA CEU. Clem Labine, founder of the Old House Journal, Clem Labine's Period Homes and Clem Labine's Traditional Building; Steven Schuyler, Ph.D., Steven Schuyler Bookseller, North Reading, MA; Richard Cheek, Architecture and Landscape Photography, Belmont, MA; Marl Kalin, FAIA, FCSI, LEED, Kalin Associates, Newton, MA

R02 Restoring Your Old House: How to do it the Right Way. Introductory/Intermediate; 1 AIA HSW CEU. Matthew David Cummings, president, Cummings Architects, LLC, Boston, MA; James Whidden, woodwright, Ashburnham, MA

P16 Fixing the Worst First: Reviving Communities with Infill.

Introductory/Advanced; 1 AIA CEU. Sallie Hood and Ron Sakal, professors, School of Architecture, University of Notre Dame, South Bend, IN

P17 Working Successfully with Historical Commissions. Introductory/Intermediate; 1 AIA HSW CEU. Elizabeth Randall, project manager, preservation consultant, Wrentham Historical Commission, Wrentham, MA; Bruce Irving, home renovation consultant, Cambridge, MA

12 noon-1:30 p.m.

P21 Preservation Roundtable. Introductory; 1 AIA HSW CEU. Moderator: Rebecca Williams, field representative, National Trust for Historic Preservation, Boston, MA

2:30-3:30 p.m.

T11 Moldings, Millwork and Architectural Interiors 1725-1940. Introductory; 1 AIA HSW CEU. Brent Hull, president, Hull Historical Millwork, Fort Worth, TX

P18 Profitable Preservation: Doing Well and Doing Good. Intermediate/Advanced; 1.5 AIA HSW CEUs. Wendy Nicholas, northeast regional director, National Trust for Historic Preservation, Boston, MA; Larry Curtis, managing partner, Winn Development, Boston, MA; H. LeBaron Preston, principal, Armory Revival Co., Providence, RI; Al Shehadi, acquisitions manager, National Trust Community Investment Corp., Greenwich, CT

T12 The Painter and the Plasterer – Live in the Exhibit Hall. Introductory/Advanced; 1 AIA HSW CEU. Rory Brennan, Preservation Plastering, Ltd., Brattleboro, VT; Duffy Hoffman, Preservation Consultant, Elkins, WV

R03 The Pantry in the American Home. Introductory/Intermediate; 1 AIA HSW CEU. Catherine Seiberling Pond, architectural historian and writer, Hancock, NH

S05 LEED and Preservation. Intermediate; 1 AIA HSW CEU. Barbara Campagna, AIA, LEED AP, Graham Gund Architect of the National Trust and president of APT International, Washington, DC

T05 Stone Detailing for Historic Preservation Projects. Intermediate; 1 AIA HSW CEU. Ivan Myjer, principal, Building and Monument Conservation, Arlington, MA

P19 Palladio's Influence in the Americas. (90 minutes). Intermediate; 1.5 AIA HSW CEUs. Victor Deupi, Arthur Ross Director of Education, Institute for Classical Architecture & Classical America, New York, NY; Christine G.H. Franck, president, Christine G.H. Franck, Inc., New York,

NY; John Tschirch, architectural historian and director of academic programs, The Preservation Society of Newport County, Newport, RI

**T13 Replicating Textured Precast and Cast-in-Place Concrete.** Intermediate; 1 AIA HSW CEU. Ronald Staley, FAPT, vice president, The Christman Company, Inc., Lansing, MI

R04 Preserving Historic Softwood and Hardwood Floors. Introductory/Intermediate; 1 AIA HSW CEU. Ben Haavik, team leader, Property Care, Historic New England, Waltham, MA

S06 Historic Industrial Landscapes: Design Concepts for Adaptive Reuse. Intermediate; 1 HSW CEU. Henry Moss, AIA, LEED, principal, Bruner/Cott, Cambridge, MA

**T14** The Tradition and Techniques of Buon Fresco. Introductory; 1 AIA HSW CEU. David Mayernik, president, David Mayernik, Ltd., South Bend, IN

P22 Conservators – What Do they Do and Why Do I Care? Intermediate; 1 AIA HSW CEU. Joan C. Berkowitz, director of conservation, Superstructures, New York, NY

N05 Making Additions and New Buildings Look Like They've Always Been There. (90 minutes). Introductory; 1.5 AIA HSW CEUs. Sandra Vitzthum, architect, Sandra Vitzthum Architect, LLC, Montpelier, VT

P20 Preserving the Value of Historical Properties: Are Your Risks Covered? Introductory; 1 AIA HSW CEU. Michael Roney, senior director, Commercial Property, Fireman's Fund Insurance Company Novato CA

Fund Insurance Company, Novato, CA
5:30-6:30 p.m. – Keynote Address
N06 New Rooms for Old Houses.
Intermediate; 1 AIA HSW CEU. Frank Shirley,

AIA, architect and author, Frank Shirley, AIA, architect and author, Frank Shirley Architects, Cambridge, MA. Shirley will be available to sign his new book, *New Rooms for Old Houses*, published by Taunton Press in association with the National Trust for Historic Preservation, October 2007.

Saturday, March 15, 2008

8-11:15 a.m.

W12 Historic Plaster Repair. Introductory/Advanced; 3 AIA HSW CEUs. Rory Brennan, Laurie Klenkel, principals, Big Wally's Adhesives, Inc., and Preservation Plastering, Ltd., Brattleboro,VT

8:30-9:30 a.m.

R05 Traditional Timber Framing for a Contemporary Sustainable Building. Introductory/Intermediate; 1 AIA HSW CEU. Stewart Elliott, eastern regional manager, Riverbend Timber Framing, Blissfield, MI

R06 Updating the Bungalow. Introductory; 1 AIA HSW CEU. Treena Crochet, author of Bungalow Style: Creating Classic Interiors for Your Arts & Crafts Home, Wolfeboro, NH

9:45-10:45 a.m.

R07 Who Put the History in the Historic Paint Color Palette? Introductory; 1 AIA HSW CEU. Sally Zimmerman, preservation specialist, Historic New England, Waltham, MA

11:30 a.m.-1 p.m.

S07 Window Repair: A Green Alternative – Live in the Exhibit Hall. Introductory; 1 AIA HSW CEU. Jade Mortimer, Heartwood Building and Restoration, Hawley, MA; Dave Bowers, Olde Window Restorers, Weare, NH; Andy Roeper, Winn Mountain Restoration, Lyndeborough, NH; James M. "Pat" Patrick, Old Town Repair, Marblehead, MA; Alison Hardy, Window Woman of New England, Topsfield, MA

2-4 p.m.

R08 Design Challenge. (2 hours). 2 AIA CEUs.

2-3 p.m.

R09 Landscapes and Gardens for Historic Houses. Introductory/Intermediate; 1 AIA HSW CEU. Lucinda A. Brockway, owner, Past Designs, Kennebunk, ME

T16 Traditional Porches: Modern Repairs. Introductory/Intermediate; 1 AIA HSW CEU. Ray Tschoepe, director of conservation, Fairmount Park Historic Preservation Trust, Philadelphia, PA

# The Goth of Boston

The Architecture of Ralph Adams Cram and His Office

by Ethan Anthony

W.W. Norton & Company, New York, NY; 2007

256 pp.; 200 halftones; \$60 ISBN 978-0-393-73104-0

Reviewed by Eve M. Kahn

n the 1910s, as the architect Ralph Adams Cram (1863-1942) was reaching the midpoint of a busy 60-year career, he carved out time from his Boston practice to run the architecture department at the Massachusetts Institute of Technology. Cram, best known for designing Gothic churches and campuses, steered MIT students toward more picturesque architectural styles, and away from the then-dominant symmetries of Beaux Arts or then-rising taste for industrial forms and materials.

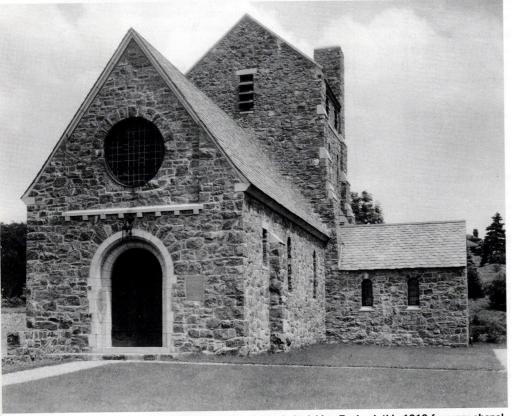
He gave classes in church design at MIT, and for one campus ribbon-cutting ceremony, "Cram staged a medieval festival with 1,700 participants costumed in Arthurian garb," architect/historian Ethan Anthony writes in *The Architecture of Ralph Adams Cram and His Office*, the first full-blown Cram monograph. During the MIT festival, Anthony adds, Cram brought in barges to ferry local mayors and the state's governor across the Charles River, and the architect played master of ceremonies "dressed as Merlin the Magician."

Cram doesn't seem to have ever liked the present much. He deemed it decadent and morally decayed. "Modern culture was a travesty to Cram," Anthony states bluntly. The history of civilization, Cram wrote, amounted to "a farrago of cruelty, slaughter and injustice," and he railed against the popular, insidious Nietzschean belief that the artist should play "rebel against a constituted society, an abnormal phenomenon, feeding upon his inner self." Yet somehow this pessimistic curmudgeon supervised up to 60 loyal staffers and inventively dreamed up hundreds of buildings across the U.S. and as far afield as Canada, France and Japan.

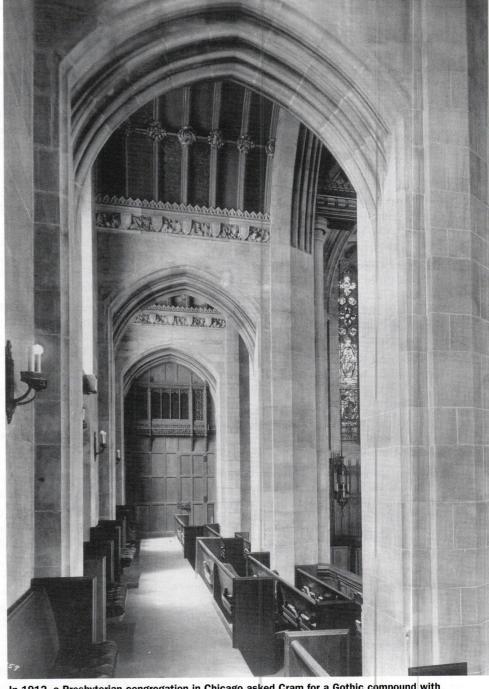
He completed courthouses, libraries, statehouses, offices, universities, boarding schools, bridges, apartment blocks, mansions, war memorials and churches ranging from one-room rural chapels to urban cathedrals. His stylistic repertoire included not only his signature Gothic but also Byzantine, Romanesque, Norman, Tudor, Renaissance, Baroque, Shingle and Georgian.

Why has there been no major publication about him before? Partly because only a few of his masterpieces (including New York's Cathedral of St. John the Divine and Houston's Rice University) are intact and photogenic enough to tempt book publishers. The sheer variety of his output has also discouraged scholars from covering Cram, and his work is not terribly well documented, either. "The firm records are incomplete and all but one of the firm's job books are lost," notes Anthony, who is fortunately well situated enough to overcome the lack of paperwork. The author works for Cram's successor firm, now called HDB/Cram & Ferguson.

Anthony took a job at the Boston practice in 1991; octogenarians and nonagenarians dating back to the Cram years were still on staff. Anthony has interviewed them and many others in Cram's circle and pored through widely scattered archives. In the preface he mentions such rarefied, remote sources as "ruins, memories, doctoral theses, church bulletins ... rectors, deacons, presbyters and members of Cram's churches" plus the dusty piled remains of Cram's own library "in his daughter's sugar house in Vermont."



Based on a ca. 1170 Romanesque precedent in Oxfordshire, England, this 1919 funerary chapel serves a cemetery on the Massachusetts seacoast. Photo: HDB/Cram & Ferguson Archive



In 1912, a Presbyterian congregation in Chicago asked Cram for a Gothic compound with vaulted, beam-ribbed ceilings and dark medieval paneling and pews. Photo:  $HDB/Cram\ \&$  Ferguson Archive

Emerging from Anthony's determined research is a portrait of a workaholic with very few lukewarm opinions. Cram, the New Hampshire-born son of a cultured Unitarian minister turned farmer, grew up speaking French and German on the farm. By the time he apprenticed pro bono as a teenager to the Boston architecture firm of Rotch & Tilden, he had read the likes of "Emerson, Kant, Hegel, Spinoza, Matthew Arnold and John Ruskin," Anthony writes. In the late 1880s, shortly after founding his own firm, Cram became a devout Episcopalian. Religious buildings – as well as secular buildings that just look religious – could allow him "a means of resuscitating the moral foundations of society," Anthony notes. Cram's lofty goals won over clients ranging from insurance executives to the U.S. military – the architect's Gothic spires at West Point helped, as Anthony puts it, "to promote the medieval code of chivalry as a model of behavior for the American army."

Yet for all of Cram's "architectural language of ramparts, crenellations, and sally port," Anthony hastens to add, the architect never quite slavishly copied the past. In fact, he disdained that approach as trite and "conscientiously archaeological"; Cram instead set out to prove "that the spirit of medieval buildings could be evoked in original designs and that old forms could be recombined to suit contemporary purposes."

Cram had no qualms about adopting cloister forms into auto courts and he happily, though invisibly, specified his era's high tech. At a crenellated 1898 church in New Hampshire, he created a column-free lecture hall "with wrought-iron tension rods supporting the roof carefully concealed in faux wooden trusses." The office kept high tech out of sight even after the founder's death. Anthony writes that in the mid-1940s, the partners' Boston skyscraper for the John Hancock Life Insurance Company "mixes Art Deco with Mont-Saint-Michel."

Anthony devotes just 30 pages to Cram's biography and office history. The rest of the book contains some 130 mini-profiles – and I mean mini, some are as short as a caption – of built works and proposals. The designs appear chronologically in three categories (religious, academic and residential, institutional and commercial). A project list at the back names some 300 more Cram works, and usually, but not always, notes whether the realized examples survive.

The illustrations do not provide many more clues as to the fates of Cram buildings. The black-and-white images are mostly period façade drawings, rather grainily reproduced, or undated photos. Virtually no close-up shots appear, and it's particularly frustrating that there are no hints of the hues of the pervasive stained glass.

The author somewhat makes up for the visual lapses with lively aesthetic critiques. He points out which church massing has "power and dynamism," and which amounted to "an unsuccessful experiment with relative proportions." He chides owners who never raised enough funding to finish steeples, or commissioned "clumsy renovations and additions." Anthony shrewdly compares designs, too; he even knows where to find "Cram's only Roman interior" (in Jersey City, NJ) and "the only fan vaulting Cram ever employed" (in Newport, RI). The vivid, authoritative text may well make readers long for another edition stocked with recent color photography, showing palettes of sunrays spilling onto stone floors through arched windowpanes. TB

## Women's Work

Candid Reflections: Letters from Women in Architecture 1972 & 2004

by Doris Cole

Midmarch Arts Press, New York; 2007

184 pp; softcover; 47 b&w illustrations; \$24

ISBN 978-1-877675-63-8

Reviewed by Nicole V. Gagné

athryn H. Anthony, current professor at the University of Illinois at Urbana-Champaign School of Architecture, has asked, "If our buildings, spaces, and places continue to be designed by a relatively homogeneous group of people, what message does that send about our culture?" The obvious answer is, a deluded and self-defeating message.

In an effort to provide a more enlightened and constructive message, architect and writer Doris Cole has published *Candid Reflections: Letters from Women in Architecture 1972 & 2004*, in which she surveys the experiences and insights of female architects. In 1972 and again in 2004, Cole sent query letters to scores of women in her profession; their responses are truly fascinating and eye-opening, as regards not just architecture and feminism, but also the maturation of our society.

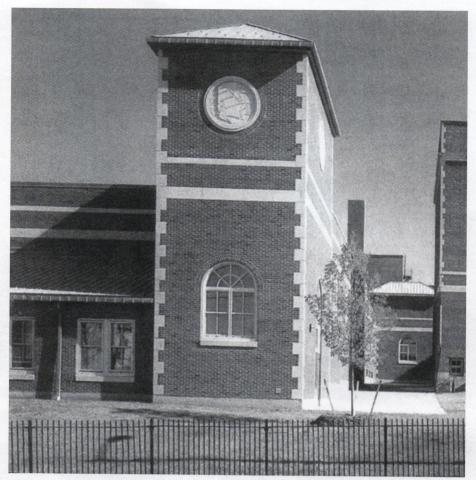
Although inevitable, change doesn't come easily, and this book offers some disturbing accounts of the fierce resistance to progress. A respondent from 1972 notes, "Professionally, the only real discrimination I have experienced has been in the local AIA structure where I am one of the few of my peer group who has never been asked to hold an office, head a commission, or serve as a chapter officer." A 2004 respondent sees too much of the same: "The undergraduate architectural program at Rice is 60% women, and at the University of Houston, 55%. But it's downhill from there. Looking at our AIA Houston Chapter membership figures, the percentage of women under the age of 30 is only 30%. And in the 30-to-40 age bracket this percentage drops down to 20%. Want more bad news? Over age 50 it drops to less than 1%." Yet she also notes that the "recently elected AIA National President-Elect is female – Kate Schwennsen, FAIA, from Iowa. And hopefully, the trend to hold our national convention on Mother's Day is a thing of the past."

Cole's book reveals how deeply ingrained misogyny is and how early the negative conditioning begins: "I took a developmental test in 7th grade [in the mid 1960s] and the results came back high in mathematics and spatial reasoning, [but] the response was, 'Boys who score high in these areas should become architects, girls should become dress designers." Such attitudes take their toll not just socially, but also psychologically, and several architects remark that the biggest hurdle they faced was their own damaged self-image: "The discrimination was in myself. Something has been wrong for years, and much of it has been a lack of faith in my own capabilities," confesses one. "Over half the battle of women doing anything is their own self-esteem. If one feels qualified and even better than the next man or woman, many problems are wiped out," remarks another.

Only women with a genuine sense of their own ability and intelligence could have withstood the obstacles they encountered over the decades. One architect recalls her job interview at Skidmore, Owings & Merrill's New York office in the early 1940s, when she was told, "'We don't hire women.' I was so taken aback that I blurted, 'Oh, I thought yours was a firm of *modern* architects.' It was their turn to be taken aback, and I was granted an interview. All the top brass of the office turned out to see this brash female. They were very interested and pleasant with me, and they told me they were 'impressed … but we don't hire women!'"

Sure, those were the bad old days. But this incident from the 1970s is even more distasteful: "At Christmas time, it was tradition for all the ladies to go up and sit on the owner's lap to get their present, a box of nylons (not pantyhose). [...] Not only would I not go, but I demanded the same cash bonus that the men got. [...] No one had ever challenged them this way," recalls another respondent. "Three months later, I got the bonus."

Sexual-harassment litigation has significantly inhibited such offenses in today's offices. What remains troublesome for many women architects, however, is



The East Boston High School addition and renovation, completed in 2001 in East Boston, MA, was designed by Doris Cole, president of Cole and Goyette, Architects and Planners, Inc., of Cambridge, MA, and the author of *Candid Reflections*. She was honored by awards from the Boston Preservation Alliance and the Massachusetts Historical Commission for her work on this 1926 structure, which entailed everything from interior and exterior rehabilitation to new engineering systems, seismic upgrades and accessibility improvements, as well as constructing a new gymnasium, school kitchen and faculty dining area.

appearing on site. Some respondents admit that they stay in the office rather than face the hooting and catcalls of sexist workmen. Of course that behavior is partly the crew's resistance to any white-collar authority, as one architect points out: "I'm not sure, however, that men did not encounter the same (or similar) 'having to prove' phenomenon."

Still, very few male architects get comments about their legs. The solution, of course, is the classic methodology of any discriminated group, namely doing your job better than anyone from the "in crowd": "A very petite woman [...] asked, 'How do you gain respect on a construction site when, unlike many of my male peers, I have never lifted a hammer?' 'Easy,' was my response, 'You just need to be the smartest and most prepared person in the room.'"

Cole's book is replete with examples of women architects surpassing their male counterparts. One special aptitude is the willingness, as with women drivers, to ask for directions: "Several men before me had been given the task of designing the new neonatal center. None of them had thought to ask the nurses what would make it better, and design after design was shot down. In desperation, they gave it to me. I had the firm send me to the NeoNatal Convention in Georgia and then spent time talking to the nurses and the parents of the patients. As a result I designed an innovative unit that was replicated around the country."

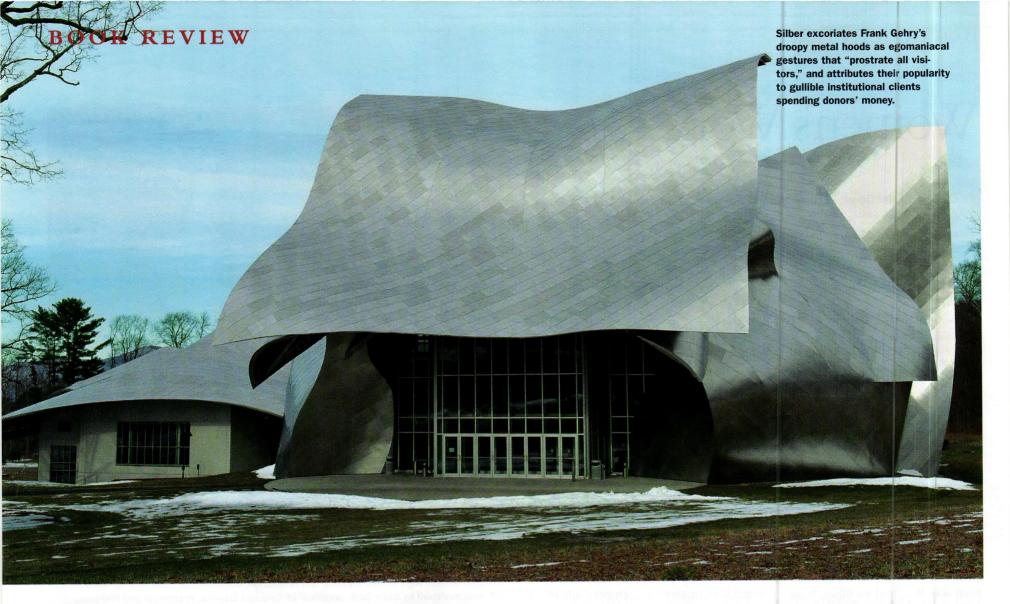
Another edge is life experience. Some respondents bristle at the stereotype of women architects as designers of homes rather than high-rises or commercial spaces, and proudly cite their achievements in the latter fields; others, however, are glad to create domestic spaces. "Who better than the cook to design the kitchen? Who better than the mother and the housekeeper to design the shelter for her children?" asks one respondent.

Her conclusions are also of vital importance for improving the entire spectrum of our built environment: "My opinion of American architecture today generally is that it has failed – failed in its responsibilities to our cities and to our environment – and that in its contemporary design it lacks quality and human relevance. Perhaps what the art and the profession could use is the humanizing effect of the feminine touch." TB



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# The Schlock of the New

Architecture of the Absurd: How "Genius" Disfigured a Practical Art

by John Silber

The Quantuck Lane Press, New York, NY; 2007 97 pp.; hardcover; 103 color illus., \$27.50

ISBN 978-1-593-72027-8

Reviewed by Eve M. Kahn

hile applying to college in the late 1970s, I was often told that Boston University's initials stand for "Big" and "Ugly." The campus' concrete and brick towers around treeless plazas broil in summer, and they don't much fend off New England winter winds along the Charles River either. So the university's 81-year-old former head, John Silber (he served as either president or chancellor at B.U. from 1971 to 2003), makes a well-informed source of complaints about Modernism.

He also knows his subject because his father, Paul George Silber (1881-1957), was an architect. Paul Silber, a Jew from Berlin, emigrated to the U.S. in 1902 to work on a German pavilion modeled after Charlottenburg for the St. Louis World's Fair. Paul married an American schoolteacher, Jewell Joslin, and settled in a Texas town named, oddly enough, Palestine. The couple raised their family (without revealing Paul's Jewish heritage until after his death) in San Antonio. John Silber helped out at his father's modest practice – measuring existing buildings, drafting plans and elevations – before training as a philosophy professor and university administrator. At B.U., he drew on his architectural experiences while commissioning exactly 13,729,143 sq.ft. of new construction.

He mainly hired inoffensively Modernist, low-key, multi-office firms (including The Stubbins Associates and Cannon Design). During meetings, he recalls, "Some architects were initially bothered by my ability to read plans and specifications, and were occasionally put off when I dismissed their elaborate, high-flown aesthetic justifications of design features as gratuitous bloviation.[...]I have never been impressed by architects who think they are fine artists first and builders only second."

Silber is in fact renowned – not only around Massachusetts but also nationwide, since he ran for governor in 1990 – for his bluntly expressed resistance to nonsense. "Crusader on the Charles," the *New York Times* dubbed him, since he'd jump into battle with entrenched B.U. faculty and tirade against hedonism and relativism. So I had high hopes for this book, his latest form of target practice – aimed at architects.

The text grew out of a speech he gave to a Texas Society of Architects convention in 2003. It opens promisingly with reminiscences of 1950s academic culture he encountered at the University of Texas. He would argue amicably with colleagues there, including the renowned architectural theorists Colin Rowe and Robert Slutzky, about whether architecture could ever become as impractical and useless as, say, conceptual art or Dadaist poetry. Slutzky proposed that Gaudí's undulations and spirals, for instance, qualify as absurd, but Silber countered that all Gaudí's works are actually "functional, harmonious, and offer no offense to their neighbors."

Moreover, Silber predicted then, architecture would never sink to contemporary sculpture or music's depths of elitist incomprehensibility. "No client of sound

mind would pay for the design and construction of an absurdity[...]No architect would consider an absurd building as the fulfillment of his professional responsibilities," he believed at the time. But he now wonders, he writes, "How could I have been so wrong?"

For most of the rest of this volume he reels off savage, amusing critiques of putatively heroic recent buildings. He especially detests Le Corbusier's urban renewal plans ("cruelly absurd, abusive, and debasing dictatorship"); Daniel Libeskind's slashes and zigzags ("similar to runways in a typical small airport[...] a trick he justified after the fact with fanciful pronouncements"); Steven Holl's Swiss-cheese holes ("No ophthalmologist would recommend staring into such a wall"); and Frank Gehry's metal lumps, which are now causing high-profile litigation ("shockingly large for no obvious purpose unless to prostrate all visitors before the gigantic ego of the architect").

Who is to blame for the success of these repeat offenders, producing uncomfortable, taxpayer-subsidized works that routinely leak and run hundreds of millions of dollars over budget? Clients who "allow themselves, through vanity, gullibility, or timidity, to be seduced." Clients who lack "the courage to just say no."

Phew, someone finally said it. Or, rather, said it again; you've likely read similar rants about the emperor's lack of clothing from Tom Wolfe, Classical architect Steven Semes, and prolific, witty journalist/blogger Francis Morrone. But unlike Wolfe, Semes and Morrone, Silber doesn't really offer any workable alternative to "starchitecture." He offhandedly mentions a few kinds of structures he does like, including Mies van der Rohe's Barcelona Pavilion and Seagram Building ("stunning masterpieces"), Santiago Calatrava's lacework, and Jørn Utzon's Sydney Opera House. Silber, of course, approves of his own B.U. additions, including a 1983 roof that the Boston firm Rothman Partners Architects planted over a disastrously leaky patio at Josep Lluís Sert's 1960s student union.

This slim, ultimately unsatisfying book would have made better use of trees if the publisher had attached the text to more substantive essays, perhaps by Morrone, Wolfe and Semes along with John Massengale, Andrés Duany and James Howard Kunstler. Silber's salvo could be updated with news of ever more structural problems and dysfunction at Deconstructivist buildings, and serve as an opener to a full-blown manifesto about more durable and commodious forms of architecture and urbanism. **B** 



As head of Boston University from 1971 to 2003, Silber attempted to undo damage done to the campus by Josep Lluís Sert's bleak 1960s concrete buildings.

# Student Drawing Awards

Kent State takes top honors in the 2007 Charles E. Peterson competition.

By Martha McDonald

or the second year in a row, students from Kent State University took first place in the Charles E. Peterson competition. Presented by the Historic American Buildings Survey (HABS) of the National Park Service in cooperation with the Athenaeum of Philadelphia and the American Institute of Architects, the student competition is in its 25th year. The first awards were presented in 1983, the 50th anniversary of the founding of the HABS program.

The competition honors Charles E. Peterson, a National Park Service landscape architect who launched the HABS program in 1933. It employs architects, draftsmen and photographers to systematically inventory and document the nation's historic buildings. To date, more than 37,000 structures and sites have been recorded.

The Charles E. Peterson Prize student competition for measured drawings augments the HABS collection. More than 2,000 students from 68 colleges and universities have completed approximately 500 entries, to provide almost 5,000 measured drawings.

Eighteen students from Kent State, working with Elizabeth Corbin Murphy, FAIA, submitted measured drawings of the Wilford and Olive Arms Residence, a 1905 American-style Arts and Crafts home in Youngstown, OH. Designed to contrast with industrial Youngstown, the home features random rubble-style masonry on the exterior. The interior fireplaces, door handles and decorative patterns of wood, iron and glass were also designed to the owner's taste and ideas about the Arts and Crafts style.

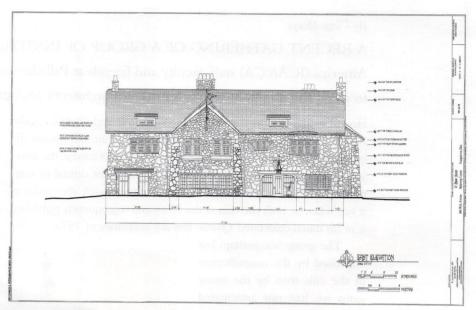
Students working on the project included Ross Andrysco, Jeremy Artzner, Brian Boggs, Nicholas Bandac, Scott Clifford, Danelle Durig, Bryan Eaton, Patrick Fox, Lauren Frey, Jessie Hawkins, Daniel Judy, Mindy Kalac, Michael Kessel, Christopher Loeser, Alexander Matsov, Eric Phillips, Michael Sanbury and Nathaniel Winfield.

The group received a cash prize of \$2,500 and a certificate. Kent State also took first place in 1996, 2000, 2004 and 2006. Five-time first-prize winner (and also winner of several second-place prizes and honorable mentions) Elizabeth Corbin Murphy, FAIA, of Kent State and principal of Chambers, Murphy & Burge Preservation Architects of Akron, OH, says the program is invaluable to the students. "It really changes their attitudes," she says. "They don't all become preservationists, but they get a broader look at the profession. One of the wonderful things about this process is that it helps students understand how a building gets put together. They see that because they crawl all over it."

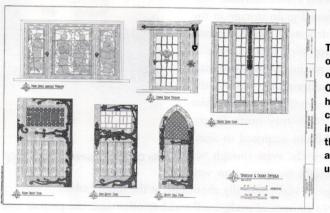
"It's thrilling for the students," adds Murphy. "At the awards ceremony, they get to shake hands with the Catherine Lavoie [Chief, Historic American Buildings Survey]. You can see that they are excited about it."



Students from Clemson University/College of Charleston won second place with their drawings of the 1740 Othniel Beale House in Charleston, SC.



Measured drawings of the W. Arms House in Youngstown, OH, done by students at Kent State University, won first prize in the 2007 Charles E. Peterson competition. The project was directed by Elizabeth Corbin Murphy, FAIA. Known as Greystone, the Arts and Crafts residence was completed in 1905. All drawings: courtesy of Historic American Buildings Survey



These drawings show some of the detail found throughout the W. Arms House. Olive Arms said of her home: "A house must be conceived by those who live in it, modeled according to their taste, their refinement and their conception of the useful and beautiful."

Murphy notes that the first time that the winning drawings were done in CAD was in 1996, the first year that Kent State won first prize. "Now they are almost all done in CAD," she says. "Some are hand drawn, because CAD still doesn't do everything to tell the story of what's in your head and in your hand. CAD doesn't think, the talent comes from the students who look at the buildings."

Second place (\$2,000) went to Clemson University/College of Charleston for the 1740 Othniel Beale House. Part of the "Rainbow Row" of homes in Charleston, SC, it was the first to be rescued from dilapidation in the 1930s.

The project managers were Katie Lawrance, Hillary King and Kimberly Jones. Students working on this project included Jamie DeStefano, Sandi Feaster, Natalie Ford, Jason Grismore, Will Hamilton, Kim Jones, Kate Joseph, Hilary King, Katie Lawrence, Helen Moore, Kim Norton, Xana Peltola, Julius Richardson, Meg Richardson, Caroline Ross and Jamie Zwolak.

Third place (\$1,500) in the 2007 competition was awarded to Alan Jones, Christopher Ortiz, Juan Rueda and Nimisha Thakur of the University of Texas at San Antonio for drawings of the 1889 Magazine Building, also known as Building 2157, at Fort Sam Houston in San Antonio, TX.

The fourth-place (\$1,000) winner was Texas Tech University for drawings of the JA Ranch headquarters in the Texas panhandle. Students participating in this project were Troy Ainsworth, Tammy Cooper, Tahir Demiecioglu, Omar Garcia, Guy Giersch, Matt Jasper, Shana Kelso, Gary Lindsey, Eugenia Magann, Jose Pareja-Diaz, Valerie Sewell, Angela Steffensmeier and Elizabeth Vasquez.

Honorable mention awards were given to the School of the Art Institute of Chicago for drawings of the First Congregational Church of Western Springs, IL, and to Louisiana Tech University for drawings of the G.B. Cooley House in Monroe, LA. TB



# Palladio's Legacy

By Victor Deupi

A RECENT GATHERING OF A GROUP OF INSTITUTE OF CLASSICAL ARCHITECTURE & CLASSICAL America (ICA&CA) staff, faculty and friends at Palladio's breathtaking Villa Cornaro in Piombino Dese, Italy, brought to mind the question of the Renaissance architect's relevance to contemporary practice.

Hosted by the gracious owners of the villa, Sally and Carl Gable, the ICA&CA group was given free reign to draw, paint and discuss the building for four days in early October of 2007. Of course, the overwhelming opinion was that Palladio's legacy remains central to contemporary Classicism and that his influence is as much alive today as it was when he built the villa in the 1550s and subsequently published it in his much celebrated *Quattro libri dell'architettura* of 1570.

The group was perhaps less impressed by the magnificence of the villa than by the many gems we had not anticipated prior to our arrival. No one expected the cavernous cellars, labyrinthine stairwells, mysterious fresco cycles, dramatic timber-trussed grain storage in the attic, delicately glazed ceramic chimney tiles, proto-Georgian inlaid parquetry in the dining room and stunning views of the snow-capped Dolomites from the second-story north loggia. Yes, Palladio surprised us again categorically, even though we all thought we knew him well

enough to wax poetically about him at the dinner table.

No amount of study, intellectual or otherwise, can prepare one for the onslaught of *all'antica* grandeur that the Villa Cornaro possesses. Its scale is simply phenomenal despite the relatively small size and the "dumb" plan to which it adheres. The word "dumb" was used by several participants to describe the matter of fact, straightforward square plan that defines the main block and the arrangement of rooms around the south-facing tetra-style (four-columned) atrium that serves as the villa's centerpiece. "I could design that in my sleep," said one of the more experienced participants, who had designed some hundred residences throughout the country. Yet it was not the clarity of organization as much as the grandeur of scale at every level that struck us all as particularly relevant. "Why don't we build this well today" was an often repeated phrase among the group. Indeed, the villa surpassed all of our easy classifications – both in the positive and negative.

A free Sunday afternoon provided ample opportunity for the group to explore such nearby treasures as Venice, Padova, Castelfranco Veneto and, of course, other Palladian villas. I strong-armed a small unsuspecting group to visit Alvise Cornaro's home in Padova that contained the first all'antica buildings in the Veneto, the Loggia and Odeon Cornaro by Giovanni Maria Falconetto from 1524 onward. It was here that Alvise Cornaro housed his humanist academy, where the young Palladio was exposed to cutting-edge ideas on Classical music, literature and benessere (well-being). Not surprisingly, architecture occupied a privileged position in Cornaro's thought, and his Trattato di architettura (ca. 1550-1553) aimed at addressing the domestic buildings of the average citizen rather than the aristocrat, for he believed that architecture's main function was to afford infinite pleasure, comfort and well-being. Cornaro maintained several gardens and villas too, where he could pursue various activities associated with a healthy life. And it was there that Cornaro largely wrote what is perhaps his most influential and inspired work, the Discorsi intorno alla vita sobria (1558), a eulogy of moderation and leisure that proclaimed the joys of health and longevity.

A few weeks later, I found myself back in one of the most satisfying urban contexts in North America – New Orleans, for the Traditional Building Exhibition and Conference – whose Vieux Carré was forever shaped by the Spanish occupation of 1762–1803 into what is known today as the "Big Easy." This is a term Palladio would have most likely endorsed not just for the Mississippi riverside citadel, but also for his preferred city, Venice (also located in a swampy

marsh), known more expressively as *La Serenissima*, or the tranquil one. Here though, Palladio's much renowned private villas and palaces are of little interest. Even his major public commissions, S. Giorgio Maggiore, S. Francesco della Vigna, and Il Redentore – brilliant solutions to the traditional Latin cross basilica plan and two-tiered pedimented façade – represent only a small fraction of what he had hoped to accomplish as the city's *Proto*, or state architect, an office that re-

mained firmly occupied by the great Jacopo Sansovino from the late 1530s to the 1560s. And though never succeeding Sansovino, Palladio's partially built and unbuilt interventions in the city's fabric included remarkable designs for ephemeral structures, civic pageantry, infill housing, renovations and repairs to existing buildings – an anthology of work that is rarely recognized, yet virtuous to the core.

In fact, when one considers the full repertoire of Palladio's public works, not just in Venice, but his designs for meeting halls, bridges, theaters, gates and por-

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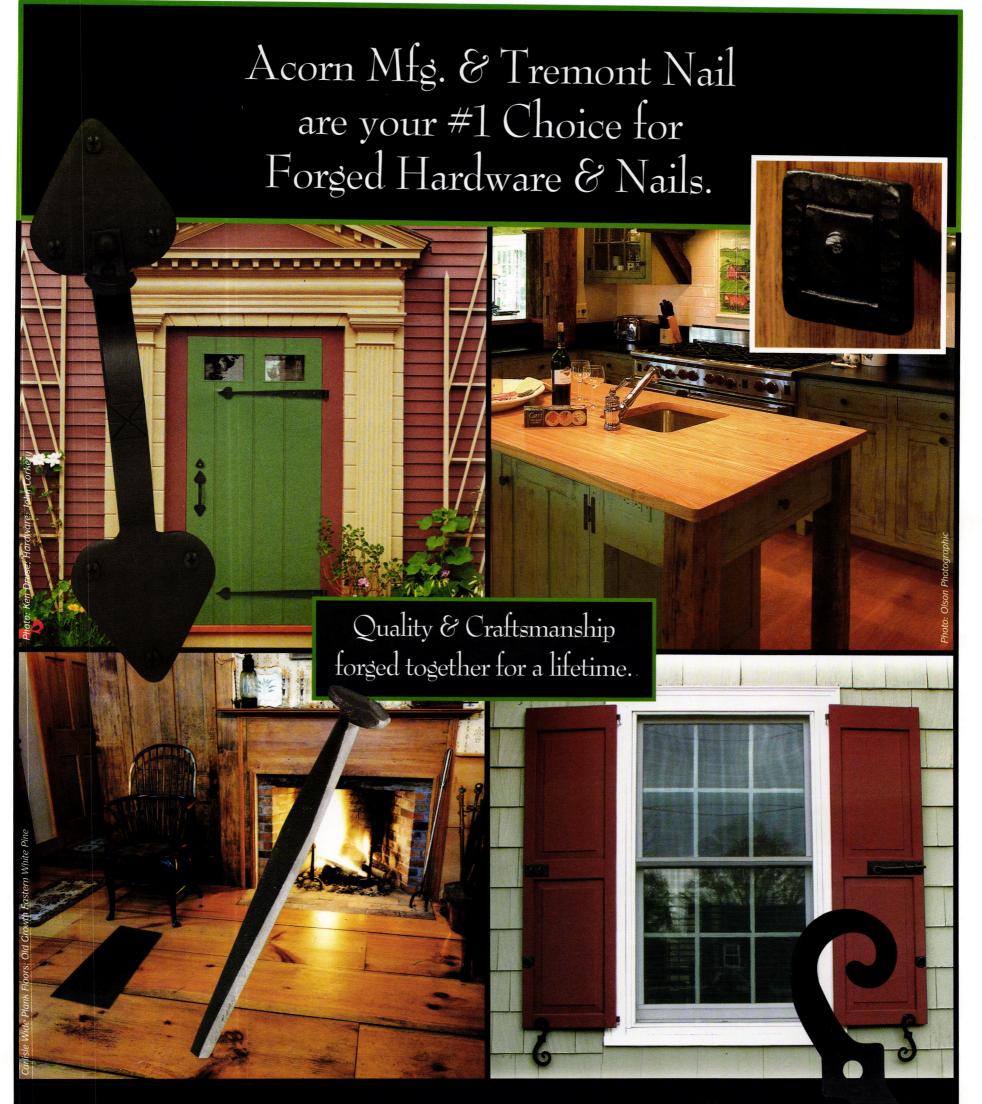
Villa Cornaro, Piombino Dese, Italy; Victor Deupi, pencil and sepia, 2007.

tals, as well as machinery (Palladio proposed an apparatus for "raising water from low-lying places," inspired largely by Cornaro's *Treatise on Water* of 1556, whose aim was to resolve the technical difficulties associated with irrigation and land yield), one discovers a breadth of vision and talent that far exceeds his reputation as the world's most influential high-end residential architect. It is perhaps this least recognized aspect of Palladio's career – the role of gifted civic activist – that is most relevant to contemporary practice. For it was in Venice that Palladio received his greatest designation as *Architectus Illustrissimi Dominii Veneti* (Architect of the Most Illustrious Dominion of the Venetians), a title suggesting that Andrea di Pietro dalla Gondola (Palladio) was considered the architect of something far more important than he was, namely that of one of the greatest Renaissance cities that Europe has produced.

Putting aside for a moment that 2008 will be fêted around the globe as the "Year of Palladio," I feel it is still necessary to ask, "Why all the fuss, can't there be other important architectural characters that we can look up to with the same if not greater reverence than Palladio?" Shouldn't we seek to promote as many exemplars as possible? Shouldn't 2010, for instance, be the year of Philibert Delorme? Or consider non-Western alternatives such as Sinan (1489-1588), the Classical Ottoman architect who was a direct contemporary of Palladio and whose prolific body of work far exceeds that of most distinguished Renaissance architects. Certainly in the Islamic world his reputation is on par with that of Palladio.

However, I still can't seem to get Palladio off my mind, and I don't particularly care, because for better or worse, he will be a part of us for his quincentennial year in 2008 and for most of 2009 when the celebrations of his birth continue to linger like a pleasant hangover induced by a certain Venetian elixir. I have also tried to show that there is still a great deal to be learned from Palladio and that the most relevant aspects of his career are perhaps the least interesting and remarkable from the point of view of contemporary architectural fashion. Wouldn't it be a delightful paradox if for the next 500 years Palladio was remembered less as the architect of sumptuous villas and palaces and more for his remarkable contribution to the profession, commitment to his family (five children) and devotion to a spouse named *Allegradonna* (content woman). That would truly be an extraordinary legacy. **TB** 

Victor Deupi is the Arthur Ross Director of Education at the Institute of Classical Architecture & Classical America in New York, NY.



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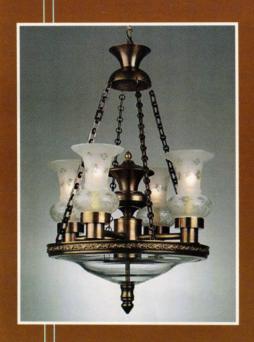


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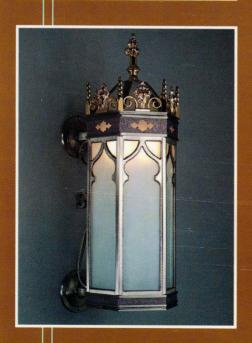






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