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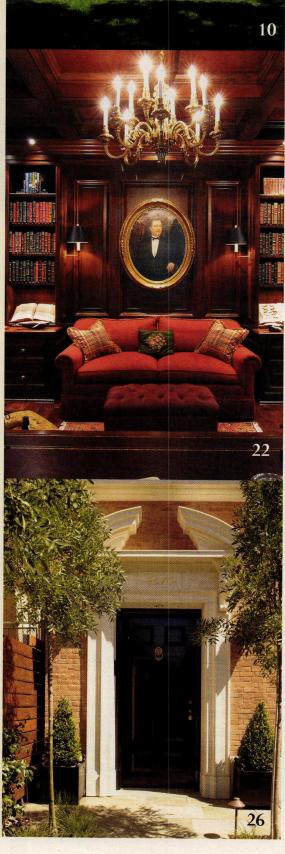
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### The Buying Guides the New Period Home



### **Buying Guides**

In this issue you will find 16 Buying Guides on our issue theme: The New Period Home. The Guides contain information on suppliers, manufacturers, custom fabricators, artists and artisans, as well as many photographs of their work. You will also find our annual sustainable section: Green Building Products & Services.

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45 Main Street, Suite 411, Brooklyn, NY 11201 Fax: 718-636-0750 www.period-homes.com

Editor Will Holloway Associate Editor Lynne Lavelle Assistant Editor Annabel Hsin Contributing Editor Martha McDonald

**Production Manager** 

Editor Emeritus **Clem Labine** 

> Mary Camille Connolly Nancy Goodman

jenbaldwin1@msn.com

Associate Art Director/ Web Designer LJ Lindhurst

Art Director

Direct Response Advertising Sales Manager, East Jennifer Baldwin

Advertising Sales Manager, West Robin J. Habberley

rhabberley@restoremedia.com National Accounts Advertising Sales Manager James F. Powers

Advertising Sales Associate Laurey Dachs Advertising Sales/Office Assistant Luiza Grimberg Information Services Manager Dorian Henao Publisher Peter H. Miller

jpowers@restoremedia.com



Executive Vice President Paul Kitzke Circulation Director Marilyn Light Accounting Manager Shawn Williams Manager, Accounts Receivable Carolyn Walsh

Chairman, CEO Michael J. Tucker President Peter H. Miller Chief Financial Officer Cynthia Gordon-Nicks Sales/Marketing Assistant Torey Doverspike

Traditional Building Exhibition and Conference Education Director Judy L. Hayward jhayward@restoremedia.com

Toll Free: 866-566-7840; Fax: 202-339-0749 Subscriptions & Subscriber Service: 800-548-0148 Period Homes, P.O. Box 3000, Denville, NJ 07834-9965

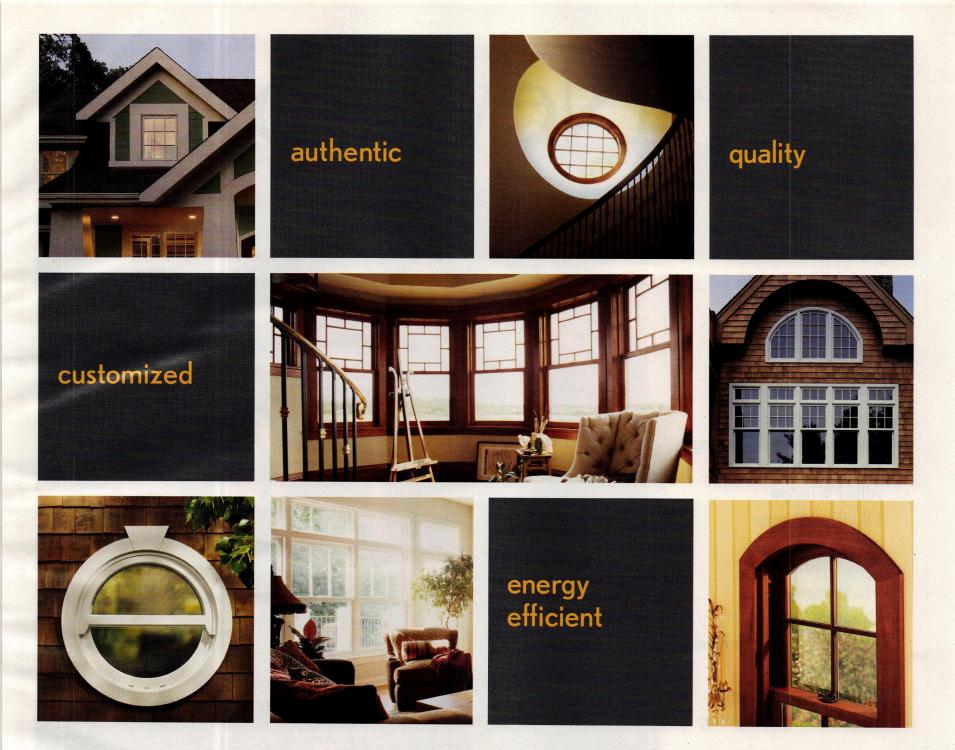
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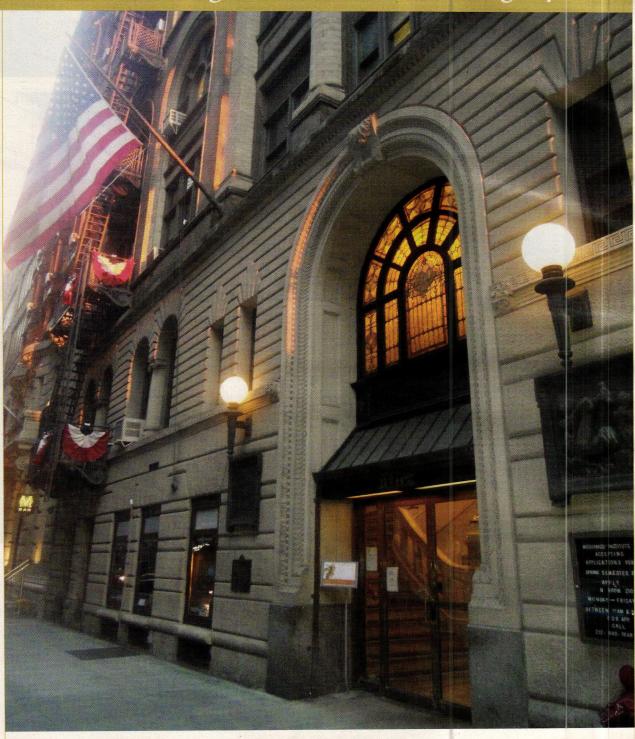
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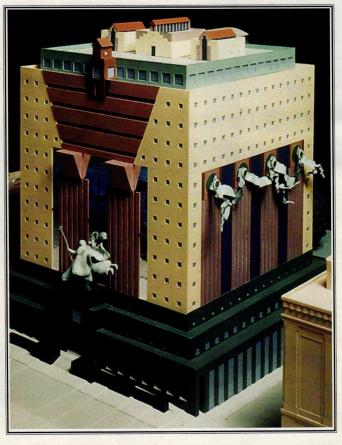


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# The Quintessential assicient

As a designer, educator and author, Christine Franck is one of Classicism's most compelling proponents. *By Nancy A. Ruhling* 

lassical architecture is not a style," says Christine G. H. Franck. "Rather, it is a tradition of thought, a tradition of placemaking."

That the award-winning New York City designer makes this statement in the present tense is no accident. "Classicism views the past as useful to the present," she says. "In this view, the best knowledge of how to do things is conserved and transmitted from the past to the present, rather than creating new things for the sake of the new."

To emphasize her position, Franck points to her own past. Growing up in Williamsburg, VA, in a simple Colonial-style house designed by her parents, she acquired an early appreciation of Classical architecture. "Williamsburg's architecture and urbanism are so rich with beauty and meaning that you can't help but learn and be interested," she says.

As a child, she designed her first house on a piece of graph paper her father gave her. Later, thanks to her junior high school's gifted and talented program, she enrolled first in a self-directed architectural mentorship at the College of William and Mary and then in an internship with local architect Robert Magoon. "I was very lucky, because my teachers, mentors and parents guided, supported and encouraged my interests," she says.

Trained as an architect – she holds a bachelor of science in architecture from the University of Virginia and a master of architecture from the University of Notre Dame – she works today as a designer, educator and author.

"In college, we were taught Postmodernism, but it lacked depth and beauty," she says. "The architecture posited by Postmodernism paled in comparison to that of Williamsburg and early American towns. When my parents moved to suburban northern Virginia while I was in college, I was exposed to the dire state of America's built environment and its threat to our well-being. I felt compelled to change that for the better. The contrast between Williamsburg and suburban northern Virginia showed me how much was lost when Modernism rejected the past. After completing my undergraduate work at Virginia, I was thrilled to find others who thought as I did, such as Thomas Gordon Smith, who had formed a new program



Chadsworth Cottage (top), on North Carolina's Figure Eight Island, was the first house Christine Franck (above) designed. The 2005 project, which used mainly stock products, proved that Classical architecture was viable on a modest budget. Top photo: Erik Jehnson; above photo: courtesy of Christine Franck

Right: The central stair hall in Chadsworth Cottage rises to the first-floor lower passage. Column screens define the living room and dining room. *Photo: Erik Johnson* 

in Classical architecture at Notre Dame. There I began my education as a Classicist and started filling in the gaps left by my undergraduate education."

During the two decades of her career, Franck has continued to see a vital, contemporary Classical tradition as the answer to today's dysfunctional built environment. "My mission is to make certain that this tradition of architecture – both its Classical root and many traditional branches – continues to be available to new generations so we may create places worthy of us," she says.

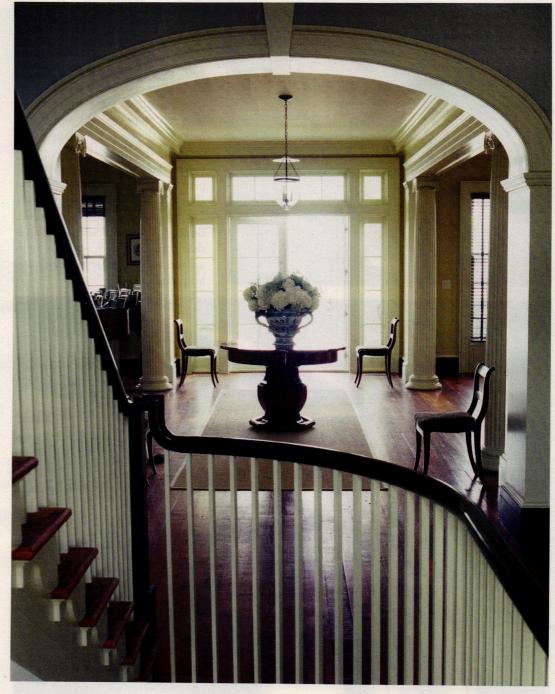
### **Principles at Work**

Chadsworth Cottage, the first home Franck designed, is a stunning example of how she has put her principles into practice. The cottage, which won the 2007 Palladio Award for best new residential construction under 5,000 sq.ft., proved that beauty and budget can live happily ever after.

"A common myth is that you can't afford to build Classical architecture today, and that nobody makes the products you need," she says. "This project, which relies primarily upon stock items, shows that you can."

The house, completed in 2005 on Figure Eight Island in North Carolina for Jeffrey L. Davis, the founder of Chadsworth Columns, was to be formal in language yet relaxed enough to function as a primary residence for the owner and a vacation home for his guests. "We drew upon details from North Carolina towns such as Wilmington and New Bern to ground the house in local traditions," says Franck. "The design is canonically Classical but modified to meet a moderate budget."

Franck designed the house then sought high-quality products, modifying the design to fit them. "This was a challenge for me because I had begun my career interning with Allan Greenberg and working on custom projects with rather large budgets," says Franck. "It took research, creativity and a willingness to forgo dimensional perfection to make this work."





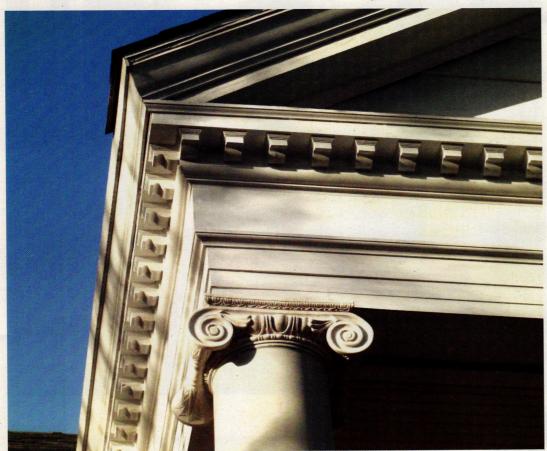




In the 1980s (above), the Byrd residence got a heavy dose of incorrect Classical architecture that was later corrected by Franck. With new Classical ornament, whitewashed brick and green shutters, the renovated façade (left) of the Byrd Residence matches the balanced elegance of the original design. *Photos: Hull Homes* 



She used Classical architecture to her advantage. "An example of the power of the Classical language is that through careful use of scale, you can manipulate perceived size," she says. "Most people think Chadsworth Cottage is far larger than the mere 3,500 sq.ft. that make up the two main living floors of the house. This is because of the use of the giant order, the corner pilasters and the full entablature, all of which set one large scale for the house. This large scale, through moldings and details, is then broken down so that it is approachable. It feels grand and hospitable at once."



The 1980s renovation (top) added too much opulence to the Byrd residence. Franck's renovations for the Byrd residence are Classically correct. *Photos: Hull Homes* 

#### Fluency

During the 1980s, a 1930s Colonial Revival house in an historic neighborhood in Fort Worth, TX, had been modified with poorly scaled Classical details. "This home shows how important it is to understand the language if you plan to use it," says Franck. "The changes in the 1980s were the equivalent of poor grammar. They demonstrate the difference between the all-too-common uniformed pseudo-Classical architecture and knowledgeable Classicism."

Franck brought the home back to its 1930s grace by undoing the overdone Classical details in the renovation of the front façade. She replaced the Corinthian columns with attenuated Ionic columns and removed the heavy cast-stone trim around the windows and entablature, the cast-stone cladding in the tympanum and the bulbous balusters and added correctly detailed and proportioned wood trim and weatherboards in their place. In keeping with the original, she re-whitewashed the bricks and added green wooden shutters to the windows.

"Because the slate roof and column center lines were to remain, I designed the entablature moldings with slightly less projection than canonically acceptable," she says. "Gibbs' Ionic order, as well as several other sources, helped in resolving the limitations on the projections without sacrificing the alternation of forms." The renovation, carried out by Brent Hull of Hull Homes, won the 2010 Historic Fort Worth Residential Award for Excellence in Preservation.

"The house looks much as it did when it was built," says Franck. "The Classical language restored the home to its original balance and grace."

#### Warm Welcomes

Franck, who lives in an Upper East Side townhouse in Manhattan, is equally comfortable working in public spaces. She has decorated and renovated a number of apartment building lobbies.

"This gives me a wonderful opportunity to work in historic buildings," she says. "The lobby is like the vestibule of a private home; it's the first impression for guests."

On the Upper East Side of Manhattan, for instance, Franck brought new life to the old-fashioned lobby of an apartment building. The pre-war space had been altered over the years to create what Franck calls a "mishmash" style all its own. Partnering with the New York City decorator Eric Cohler, Franck added new lighting, furniture, a rug, artwork and custom-designed decorative millwork for the walls and fireplace surround.

"The overmantel was made with stock pieces, which made it a very inexpensive part of the project," says Franck. "The wall moldings were designed to create a pattern of panels that de-accentuate the horizontal nature of the room while integrating the ventilation grilles into the panel scheme, bringing order to the space."

#### Spreading the Word

Franck's work extends far beyond the walls of her projects, whether they are public or private. The author of several books, including *José M. Allegue: A Builder's Legacy*, *Winterthur Style Sourcebook: Traditional American Rooms*, coauthored with Brent Hull, and the ICA&A's forthcoming *Classical Architecture: A Handbook of the Tradition of Today*, Franck devotes nearly half of her time to teaching, writing, speaking and advocacy.

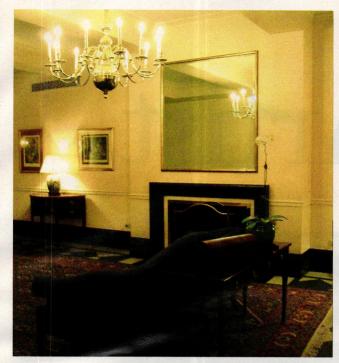
"Writing books and essays and teaching forms an essential part of my work as this helps educate students, professionals and the general public alike about good design, architecture and history," she says. "The greatest obligation we have is to teach. I'm so proud of the students I've worked with over the years."

She began her teaching career in 1996, when she helped create a traditional architecture and urbanism program for the Prince of Wales's Institute of Architecture's first American Summer School. "These programs acted as catalysts for two American towns to help change their thinking about the built environment. They also changed the lives of the many students who attended them," she says.

Later, as the first executive director of the Institute for the Study of Classical Architecture (today's ICAA) in New York, she created a series of highly respected programs that vastly increased the influence of the organization and helped bring it international standing. She developed its existing summer program into one that gave students hands-on experience in confronting urban and architectural issues in New York City. Students in this studio program met with local authorities, developed a master plan, created building designs consistent with the plan and presented them to the public.

Franck also revamped the institute's professional continuing-education courses, adding an international program that includes drawing tours of Rome and Naples, and set up a program for the American Institute of Building Design to educate residential designers and homebuilders.

"When I was working on Chadsworth Cottage, I gained an appreciation of the challenges homebuilders face today," she says. "This program, which introduced them to Classical architecture and traditional urbanism, met them where they



The fireplace (above) of the Upper East Side lobby lacked definition, turning it into a wallflower instead of a focal point. Using stock elements, Franck created a new fireplace surround and overmantel (right). *Photos: Christine G. H. Franck Inc.* 

were and helped them make better design choices. These residential designers and homebuilders are crucial to significant change in the industry because they are the people designing the vast majority of houses."

The homebuilders' program, which included travel, lectures and a residential design project, received the American Institute of Building Design Award of Excellence.

Harkening back to her initial introduction to architecture in Williamsburg, Franck's teaching includes a residential design studio that she has taught at the Georgia Institute of Technology, where she was the 2007 Harrison Design Scholar, and in several studios at the University of Notre Dame. "Houses are often considered too simple of a project for students, yet to me they offer an excellent arena for the student to develop a methodology of study and design," she says.

### Mapping the Future

Franck's passionate devotion to better architecture, urbanism and education has led her to play integral roles in the formation and development of the International Network of Traditional Building, Architecture and Urbanism; the New Urban Guild and the Council for European Urbanism; and, most importantly, the Institute of Classical Architecture & Art. As a long-serving trustee of the institute, she not only led the development of its academic programs but also the initial formation of its chapters, now the vibrant life-blood of the institute.

In 2002, she received the Prince of Wales' Foundation for the Built Environment's first Public Service Award for her "outstanding contribution to architectural education and design."

In the two decades Franck has been in practice, she has seen great changes, but she also sees a long way to go before the built environment is what it should be. Her career came of age when today's Classical renaissance was in its infancy.

"Thirty years from now, I'd like to see more professionals trained as Classical architects because that's the best way for them to learn how to think responsibly and rationally about the built environment," she says. "The breadth and depth of the Classical tradition over time shows us how to best meet the challenges of today so we may leave a better, more just and beautiful world to subsequent generations."





On an ICAA Rome Drawing Tour, Franck and students show off their work. Photo: courtesy of the Institute of Classical Architecture & Art

### FEATURE THE CLEM LABINE AWARD

## A True Artist

The 2011 Clem Labine Award goes to Ray Gindroz. By Kim A. O'Connell

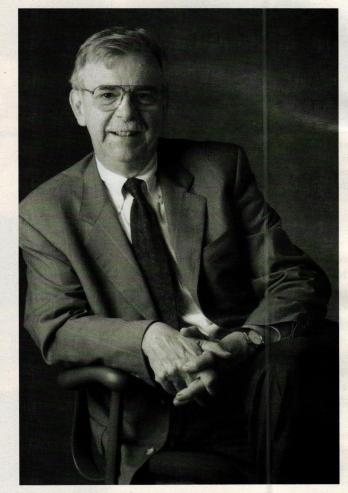
n the six years since Hurricane Katrina devastated the Gulf Coast, a torrent of words has been written on how to rebuild after the disaster. Every possibility has been considered: preserve, tear down, build modern, build green. Some of the most civilized and beautifully wrought solutions, however, can be found in *Louisiana Speaks: Pattern Book*. "As we walk through these streets, or remember the places now gone," the book states, "it is the graceful porches, the windows that go to the floor, the ornamentation on the frame around the door...that tell us where we are – and who we are."



The award is named in honor of Clem Labine, founder of Traditional Building, Period Homes and Old House Journal magazines. Photo: courtesy of Clem Labine

The book, which contains architectural patterns and techniques rooted in Louisiana traditions, was developed by Pittsburgh-based Urban Design Associates (UDA), led by Raymond L. Gindroz, FAIA. Gindroz has devoted his long career to rebuilding and renewing communities in need and fostering an appreciation for traditional design among laypeople and in the academy. For these and other achievements, Gindroz is the winner of the third annual Clem Labine Award.

Founded in 2009, The Clem Labine Award honors a person who has made a long-term commitment to creating public places that foster community, civility and traditional design. The award is named for longtime publisher, author and traditionalist Clem Labine, who founded this magazine, among others. According to Labine, the winner of the award may be an architect, artist, craftsman, community leader or some other professional, as long as that person is leading "a life



Raymond L. Gindroz, FAIA, an architect, author and urban planner, has been named the winner of the 2011 Clem Labine Award. All photos: courtesy of Urban Design Associates unless otherwise noted

Below: Gindroz and his firm, Urban Design Associates, have worked for 25 years on downtown and waterfront plans for the city of Norfolk, VA. Many parts of the city have been revitalized, in no small part due to Gindroz' vision.



with a purpose" and has vocational and avocational lives that are intertwined. The first two recipients were Alvin Holm, AIA, and Steven W. Semes. In naming Gindroz to this illustrious roster, Labine hailed his work as an urban planner, architect and philanthropist.

Gindroz began his architecture career as a student at Carnegie Mellon University, where he earned both a bachelor of architecture degree and a master of architecture in urban design, each with honors. In 1964, while still in graduate school, Gindroz was invited by David Lewis to co-found Urban Design Associates. Lewis, who established the urban design program at Carnegie Mellon, was exiled from South Africa in 1946 for his anti-apartheid activism. In the 47 years since its founding, UDA has received more than 100 awards for its work in building and rebuilding neighborhoods, including national AIA Honor Awards, Congress for the New Urbanism (CNU) Charter Awards and Palladio Awards.

According to Gindroz, UDA's goal is to design not just buildings, but communities, and to empower citizens through pattern books, charrettes and other outreach programs. Gindroz has led urban design projects in many U.S. cities including Pittsburgh, St. Louis, Louisville, Norfolk, Richmond and New Orleans, as well as others in France, Scotland and England. The firm has developed urban design and architectural designs for more than 25 Hope VI projects since 1994. This federal program replaced some of the nation's most distressed public housing with mixed-income neighborhoods. UDA's designs in many cities have been built as new neighborhoods, connected to adjacent neighborhoods and assimilated into their communities instead of standing apart.

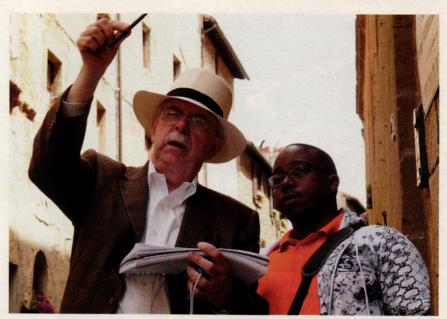
"Early in our career, after trying to design neighborhoods with some of our Modernist vocabularies," says Gindroz, "we quickly learned that people in communities that had character were very concerned about keeping that character. We also learned that the design of dwellings and neighborhoods can play a very positive role in the social sustainability of a neighborhood. For example, when the character of a barracks-style public housing project was transformed into a typical neighborhood through the addition of porches and traditional elements, children began doing better in school. According to their teachers, this was because of an improved self-image. They were no longer kids from the

project, but rather from a neighborhood."

Among other achievements, Gindroz has taught at his alma mater, Carnegie Mellon, as well as at Yale's Graduate School of Architecture, and in a series of short courses at McGill University, Hampton University and the Prince's Foundation for the Built Environment in London, where he is a senior fellow. He is a past chair of the AIA's National Committee on Design, the CNU and the Seaside Institute, and serves on the board of several foundations. Gindroz' drawings and plans have been featured in more than a dozen notable exhibitions and he has written several books, including The Place of Dwelling, published by the Prince's Foundation. He was the principal author, along with others at UDA, of The Architectural Pattern Book: A Tool for Building Great Neighborhoods and The Urban Design Handbook: Techniques and Working Methods (published by W. W. Norton & Company).

### **Patterns for Living**

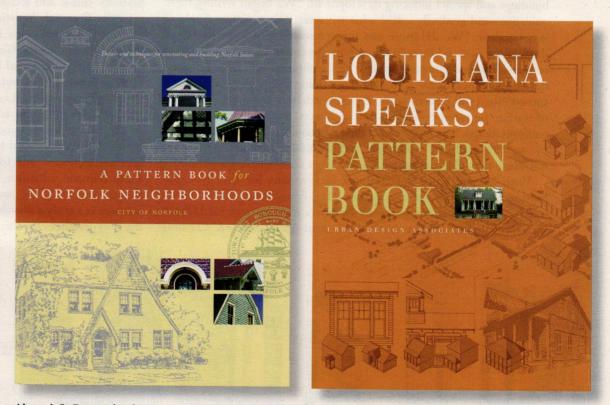
Gindroz remembers a time in the mid-1980s when he and a photographer visited a traditional development in Richmond that the firm had designed. As they walked around taking pictures, a resident walked up to them and asked what they were



Through the sale of Gindroz' drawings, the Gindroz Foundation helps architecture students from Hampton University to study abroad. Here, Gindroz and a student work out a sketch in Italy.



Diggstown is a former public housing project in Norfolk that was completely transformed by UDA. This drawing illustrates several key elements that make for a neighborhood feel in Diggstown – wellplaced porches, fences and sidewalks.



Above left: Pattern books are an essential piece of UDA's identity. They are "non-confrontational," says Gindroz, and solution-oriented. The pattern book for downtown Norfolk has been essential to building consensus there, Gindroz says.

Above right: The Louisiana Speaks: Pattern Book, which offers details on how to rebuild the Gulf Coast in traditional, harmonious ways after the devastation of hurricanes Katrina and Rita, flew off the shelves in its first two printings.



UDA led a project to rebuild the Lafitte Public Housing Project in New Orleans after Katrina. Now called Faubourg Lafitte, this new neighborhood incorporates the traditional patterns of the adjacent Treme neighborhood, creating a seamless extension of the existing community.

doing. When Gindroz explained his role as the architect and talked about the development's traditional design principles, the resident brought the discussion down to the most fundamental terms. "This is a neighborhood. Can't you see that?" the man said, with full understanding. "There are families here."

Gindroz quickly noticed that whenever the firm went out into neighborhoods, talking with the people who actually lived in them, they responded most readily to traditional concepts. One of the firm's earliest commissions, for example, was to develop historic district guidelines for the city of York, PA, which at that point had the largest historic neighborhood on the National Register of Historic Places. "We carefully analyzed the block of Victorian-era houses," says Gindroz. "We were astonished at how simple they were from a building standpoint – how correct they were. They were always extremely attractive, whatever the mix of styles and building types. The whole was very harmonious."

Putting those concepts into architectural pattern books for modern times was a natural progression for the firm and has become an important part of its identity. Pattern books date to ancient Roman times and were in continual use in the U.S. through the postwar period. Yet they had fallen out of favor with the rise of Modernist, isolating buildings and sprawl-inducing development. "We began writing these guidelines and gradually called what we were doing 'pattern books,'" says Gindroz. "We did more and more research into how they were done in the past and thought about how we could do them in the 21st century. The breakthrough came with Celebration [the New Urbanist development in Florida]. We started out doing design guidelines, but it turned into a full pattern book. Design guidelines are usually a source of warfare between developers and architects. Pattern books are nonconfrontational. The more we studied neighborhoods, we realized that by working with the traditional architectural vocabulary you could introduce new things in new ways that were comfortable for people."

With a grant from the National Endowment for the Arts, the Surdna Foundation and the Fannie Mae Foundation, UDA developed *A Pattern Book for Neighborly Houses*, a joint project for Habitat for Humanity and the Institute of Classical Architecture & Classical America. Clearly written and beautifully illustrated, the book could be read and understood by building professionals and laypeople alike. After an overview that includes the definition of a so-called "neighborly house" – one that is set back from the street and aligned with other houses, with a front yard or possibly a front porch and well-placed parking – the pattern book offers an instructive look at neighborhood patterns, housing patterns and housing types. The overview of American architectural styles provides dimensions and details, and a guide to sustainable design is perfectly compatible with the traditional concepts illustrated elsewhere in the book.

The Louisiana Speaks: Pattern Book, which was prepared for the foundation-funded Center for Planning Excellence in Baton Rouge, was the result of a series of workshops and charrettes in which residents identified what was essential to them after hurricanes Katrina and Rita. Participants were almost universally worried and angry that so much of the state's traditional and vernacular character had been lost, and they hoped to restore and rebuild in ways that preserved their history and culture.

To this end, the pattern book outlines residential building types and architectural styles that are consistent with Louisiana traditions. This work continued when the firm was asked by Providence Homes and Enterprise Homes to lead the design team for the rebuilding of the Lafitte Public Housing Project in New Orleans after Katrina. Now called Faubourg Lafitte, this new, traditional New Orleans neighborhood is being built in phases, with the first 150 units occupied. By applying the traditional urban and architectural patterns of the adjacent Treme neighborhood, its new houses and apartments create a seamless extension of the traditional city.

The pattern book, which was given away at local Lowe's home improvement stores, has already gone through two printings.

### **Building a Foundation**

When Gindroz is not running a charrette, writing a pattern book or designing a neighborhood, chances are he's drawing. Over the years, Gindroz' evocative ink line drawings of buildings and towns, vaulted ceilings and other Classical details proved to be so popular that people often asked Gindroz if he would sell them, but he was never interested. One day, his wife Marilyn suggested that he could sell them for a good cause, and the Marilyn and Ray Gindroz Foundation was born.

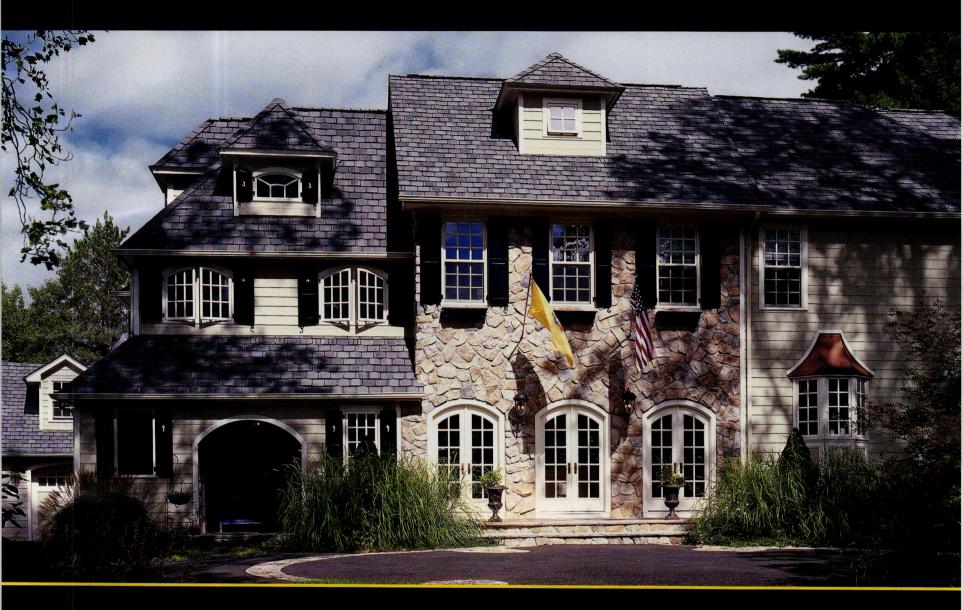
Through the sale of Gindroz' original drawings and printed sketchbooks (available online at marilynandraygindrozfoundation.org), as well as contributions, the foundation funds an annual study travel prize for music and architecture students at Carnegie Mellon. It also provides financial, logistical and teaching support for the Hampton University Architecture Department's study abroad program. For the past four years the Gindrozes have worked with faculty members on programs in Italy and France. The students draw and analyze traditional urban spaces and meet with traditional architects, including Pier Carlo Bontempi, Leon Krier, and Ariel Balmassiere, as well as local officials and other architects.

Gindroz says he is honored to receive the Clem Labine Award and is especially pleased that his foundation work played a key role in the jury's selection. "Our foundation is dedicated to promoting ideas about humane urbanism, both through the drawings and the studyabroad programs," he says. "We do believe that exposure to other cultures is a truly a life-changing experience, and we want to provide those experiences for the next generation of architects." ■



Gindroz' sketch of Pienza, Italy, is illustrative of the types of drawings that are marketed to benefit the Marilyn and Ray Gindroz Foundation, which promotes study-abroad programs at Carnegie Mellon and Hampton University.

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# Country Views

**Project:** Residence, Fauquier County, VA

Architect: Barnes Vanze Architects, Inc.; Stephen J. Vanze, AIA, LEED AP, partner in charge; Tim Clites, project architect

Landscape Architect: Poke Gardens, Washington, DC

### A two-story farmhouse grows in Virginia.

he rolling hills and equestrian trails of Virginia's Hunt Country give little clue that the hustle and bustle of Washington, DC, is just one hour's drive away. Here neighborly protocol still supports the long-standing privilege of riders to cross private land adjoining their own, the traditional Virginia farmhouse remains a popular template for new construction, and the Piedmont region provides some of the most spectacular views in the country.

The latter is the backdrop for a new 7,130-sq.ft. house by Barnes Vanze Architects, set on an 80-acre mountain property with long views in all directions. Inspired by the pace of local life, the house is redolent of simpler times; it was conceived as a two-story farmhouse that expanded over time, suggested by telescoping clapboard additions and rustic materials that vary in formality. "The main block – the highest piece – is considered the original farmhouse, then it gradually steps down to a lower brick mass, supposedly added at a later date, then several clapboard additions over a period of time," says Stephen Vanze, partner in charge. "It's really just an interpretation of the way in which these houses in this region were traditionally added on to."

From the orientation of the house to the arrangement of the rooms, the site guided the design program. The first floor master suite, living room, game room, kitchen and mudroom, as well as the four second-floor bedrooms, all have views of the valley below and the Blue Ridge mountain range in the distance; only the dining room remains enclosed. "When we visited the site before anything was built, it was very how this house wanted to be sited," says Vanze. "It is very linear, and arranged to provide a broad range of vantage points, both inside and out. The dining room is different; it is an internal space, where the focus is inward – on the gathering, bringing the family

Top: Set among the rolling hills of Virginia, a new 7,130-sq.ft. house by Barnes Vanze Architects was designed to appear as a traditional farmhouse that was expanded over time with telescoping clapboard additions. *All photos: Anice Hoachlander, Hoachlander Davis Photography* 



together. I was reminded of that scene from a Virginia Woolf novel, where everyone is focused on the candles in the middle of the diningroom table."

The approach to the house is via a long winding road, which turns 180 degrees back on itself, only revealing the views at the last possible moment. It is one of several devices used to conceal the scale of the house, helping it to appear modest against the landscape and histori-



Above: A pass-through from the family room to the kitchen was designed to resemble a window, suggesting an earlier addition.

Left: The front entry stair hall showcases expansive views to the rear.

cally accurate. To avoid the appearance of bulk, the "original" portion of the house was designed asymmetrically, while the modest additions break down the massing further. "The intent is not only to make the house seems like it was built over time, but also to make what is a fairly large house seem a lot smaller," says Vanze. "At the front façade, the wing to the right is a master bedroom suite. To contain that, the main mass would have gotten considerably larger. So by taking elements



Enclosed from the exterior views, the intimate dining room and adjoining butler's pantry are richly decorated and complemented by thoughtful lighting and artwork. The open pergola links the main house and guest house without obstructing views; it is decorated with a piece of art from the owner's collection.



away from the main piece, and turning them into one- or one-and-a-half-story pieces, it breaks down the mass quite a bit."

From the impression that the family room is a screened-in porch to a kitchen pass-through that *could* have been a window, the interiors reinforce the historical narrative. The main brick portion of the house features the client's collection of antique doors and hardware, while the "extensions" are differentiated by variations of hardwood flooring, moldings, wainscoting, furniture and cabinetry, and even scale. "We did everything we could to reinforce that this house was not built all at once," says Vanze. "That means changing details such as head heights of windows, which are slightly different throughout the house, to suggest that some of the additions were built by a carpenter, rather than designed – which is harder than designing." Barnes Vanze worked closely with landscape architect Dana Westring to create intimate outdoor spaces that tie the house to the landscape. Within the mass of the house, these include strategically placed covered porches at either end, and a second-floor screened sleeping porch. "There are really two different ways to make outdoor spaces," says Vanze, "either carving them out of the house or using the mass of the house to create the edges of rooms. We did both here."

To ensure that the views from the house remain unobstructed, the landscape program is set between the structures -a pergola transitions between the formal front garden to the rear pool and entertaining area, and the nearby detached guest house, which resembles a small equestrian shed. Garden statuary, antique flower pots and weathervanes link the landscape to the historic detailing of the house.



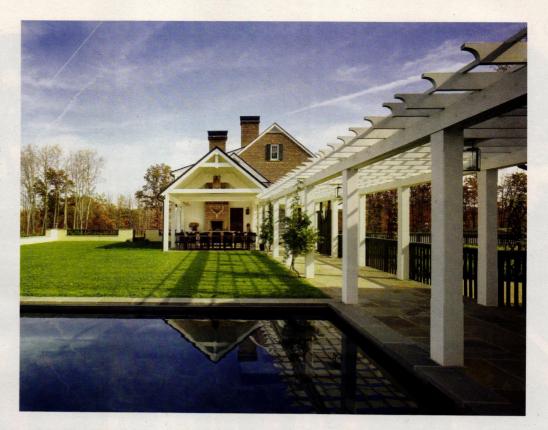
To the left of the garden, the detached guest house resembles a small equestrian shed.

The pool and outdoor dining room, complete with fireplace, form an outdoor room that can be used for entertaining almost all year round.

"This client was very sensitive to design issues and how they wanted to use the house and how they wanted to entertain," says Vanze. "And they knew that they wanted to the pool to be visually connected to the house, but a separate space. It is always important to us to make outdoor rooms that are really extensions of the house, and these particular spaces are used a lot."

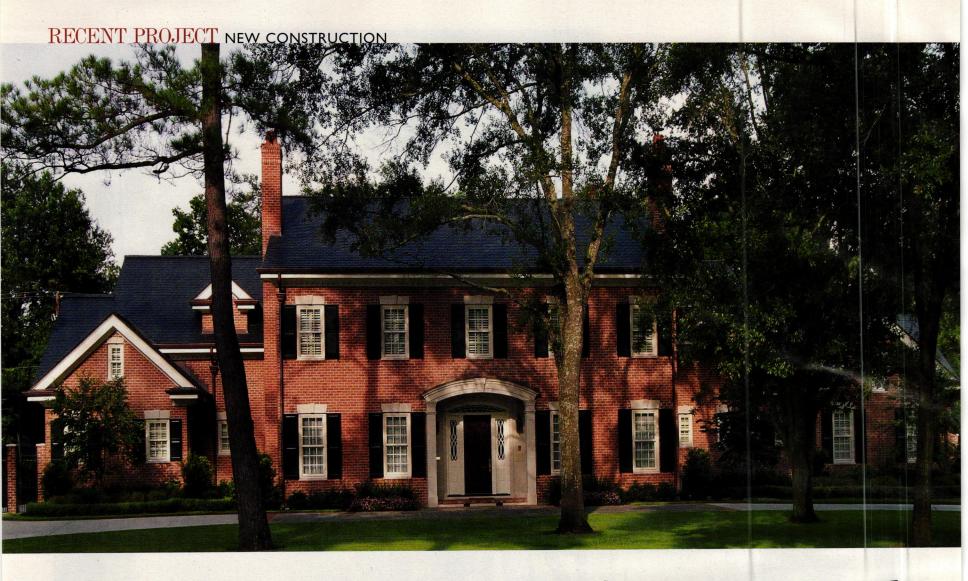
Completed in 2009, the house appears as natural to the landscape as the hill it stands on. "It is as though the house and land expanded and grew together," says Vanze. – *Lynne Lavelle* 

Web Extra: For additional photos of this project, go to www.period-homes.com/extras/ SeptemberBarnesVanze.htm.





The outdoor living room is located off the family room and entry foyer.



# Georgian Approach

**PROJECT:** RESIDENCE AT HUNTERS GROVE, HOUSTON, TX

**ARCHITECT:** L. BARRY DAVIDSON ARCHITECTS, HOUSTON, TX; LESLIE BARRY DAVIDSON, AIA, PRINCIPAL

**CONTRACTOR:** RENAISSANCE BUILDERS INCORPORATED, HOUSTON, TX

### A Georgian-style residence takes shape in Houston.



hen a retired couple living in Houston, TX, wanted more space for their visiting children and grandchildren, they couldn't decide whether to build a new house or remodel their existing home. The house was located on a wooded site in Hunters Creek Village - one of five villages within the Memorial area west of downtown Houston. Although within the city limits, these villages operate autonomously with individualized rules and regulations. Therefore, building a new house means contending with strict building codes.

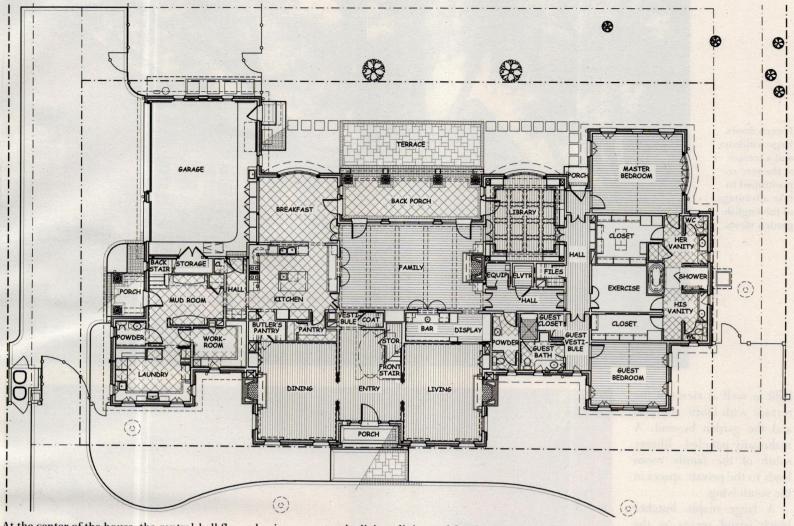
After deliberating for a year, the couple selected L. Barry Davidson Architects to design a house in the English Georgian style. "The clients had a large, beautiful lot but they had been living in a very small house that was really in disrepair and wasn't architecturally noteworthy," says principal Leslie Barry Davidson. "The lot is 25,000-sq.ft. and the building codes stipulated that we could only cover up 25 percent of the lot with the footprint of the new house, although that doesn't include the driveway and terrace.

"The clients were getting older and they didn't want to walk up stairs to reach their bedroom. So while we designed the main portion to be a standard Georgian house, the first-floor master bedroom suite rises one-anda-half stories."

The footprint, which includes the terrace, takes up nearly the entire length of the rectangular site with required 15-ft. side setbacks. The height of the home was restricted to 35 ft. and because of frequent flooding in the area the house was raised over two feet from grade level. A driveway leading to the garage on the north side of the house curves around existing trees while concealing the garage doors from the street view - another stipulation of the building code.

'The design process was lengthy because we tried very hard to nail down as many details as possible before bidding," says Davidson. "We find that if we don't make all the selections ahead, it means that the house is not on the 'thread' that we continually pin everything back to. These clients wanted to achieve as authentic a Georgian house as possible, so we picked the windows, hardware and all the decorative elements to go with a strictly Georgian theme. If we stay on the thread during the design phases, it becomes our guiding light."

Top: This new 9,000-sq.ft. residence in Houston, TX, designed by L. Barry Davidson Architects, utilizes period-appropriate materials and details to create an authentic Georgian-style residence. All photos: DM Photography



At the center of the house, the central-hall floor plan incorporates the living, dining and family rooms as well as the kitchen and breakfast room. To accommodate the owners' program, the master and guest suites are located on the lower level of the south wing while utility spaces, including the mud room, garage and work room, occupy the opposite wing. *Floor plan: courtesy of L. Barry Davidson Architects* 

The main façade features a series of hipless gabled roofs with charcoal slate tiles and copper step flashings, both of which were supplied by Houston, TX-based David Alvarez Sheet Metal, and are accompanied with twin symmetrical brick chimneys topped with English chimney pots. Heavy cast-stone cornices with dentil moldings complement the lintels and keystones above traditional metal-clad, double-hung wood windows (manufactured by Dubuque, IA-based Eagle Window & Door) with raised-paneled operable shutters. Between the solid hand-molded bricks, which were manufactured by Salem, VA-based Old Virginia Brick, the concave mortar joints contain grapevine tooling, a detail Davidson notes is historically accurate to the style. An arched cast-stone pediment, pilasters and rectangular wall panels form an exterior vestibule over a formal front entry.

"The design of the fanlight over the front entry came from an English pattern book and the divisions that create the pattern are made of wood," says Davidson. "The contractor was challenged by that because it was so intricate. It would have been easier to make the fanlight with leaded glass instead."

In the interior, the lower level of the two-story portion of the house is organized with a central hall leading to primary living spaces. On either side of the grand staircase, the living and dining rooms are identically sized and detailed to create symmetry. Both rooms contain dentil crown molding, raised-paneled wainscoting, wide hickory floor boards and Rojo Alacante marble fireplace surrounds. Even the placement of windows and built-in cabinets is the same.

Towards the rear, the kitchen, breakfast and family rooms are separated from the formal spaces with a bar and butler's pantry. Wideplank flooring, supplied by Houston, TX-based Schenck & Company, was used in the family room, where the simple fireplace mantel and moldings create a casual atmosphere. The beams of the 11-ft.-high ceiling break up the length of the room. French doors and floor-toceiling windows on the east side of the room allow for ample natural



The two-story central portion of the house is flanked by two one-and-a-half story wings. Rendering: courtesy of L. Barry Davidson Architects

French doors, large windows and a terrace at the rear are positioned to take advantage of the English garden views.



light as well as views of the terrace with Doric columns and the garden beyond. A mahogany-paneled library south of the family room leads to the private spaces in the south wing.

A large maple butcher block island serves as the focal point of the kitchen and is complemented with green granite countertops, subway tiles, raised-panel cabinetry and brass hardware. The kitchen opens to the breakfast room with a pass-through counter and to the family room with a shuttered opening. The breakfast room's beadboard wainscoting and slate flooring, as well as its bay window, which is visible through the kitchen opening, unite the two spaces. "The clients wanted the kitchen to be open to the breakfast and family rooms, but because this is a traditional house we didn't want an open floor plan," says Davidson. "The shutters close off the kitchen so when there's a formal event guests cannot look into the kitchen from the family, living and dining rooms."

The mudroom entry hall features wide flat-board paneling and simple molding to evoke a casual country atmosphere.



The 11-ft.-high ceiling in the family room features structural support beams encased with mahogany.

A guest suite and the master suite are located on the lower level of the south wing and feature high vaulted ceilings. The utility areas, such as the garage, mud room, laundry area, work room and an additional powder room, occupy the opposite wing. On the second level, four bedrooms with en-suite baths, a study room and an office surround a large game room. A play room above the south wing is equipped with a small stage area for the clients' young grandchildren.

After a close collaboration between client and architect, the success of the design was highlighted when it was included in AIA Houston's house tour. "This was a very challenging project," says Davidson. "It was really exciting to work with a couple who really understood and loved the design concept. They worked with us to make selections that stayed within the integrity of the theme for the home. They stayed on the Georgian 'thread' and that was very rewarding for us. It's a beautiful house that has great light, colors and enjoyable lovely spaces." – Annabel Hsin





The library, located in the south wing, contains mahogany paneling and a coffered ceiling.

RECENT PROJECT NEW CONSTRUCTION

# San Fran Georgian

**Project:** Residence, San Francisco, CA

Architect: Andrew Skurman Architects, San Francisco, CA; Andrew Skurman, principal; Edward Watkins, project architect

**CONTRACTOR:** COVE CONSTRUCTION, SAN ANSELMO, CA Andrew Skurman Architects designs a Neo-Georgian townhouse in San Francisco.

he concept, at first blush, appears to be a bit of a non sequitur: the creation of a Neoclassical city house, not in Boston, New York or Washington, DC, but in the center of San Francisco, renowned for its exuberant displays of Victorian ornament. The house features a row of Doric columns, a broken-arch pediment that frames the front door and a series of alternating peaked and arched lintels on the second floor windows that all boldly promote a style rarely seen in residences in this city. The architect, Andrew Skurman of Andrew Skurman Architects, says, "This may be the first house with columns built in San Francisco in 50 years."

As with all unusual projects, it begins with a story. "We were commissioned by a young, single man to build a townhouse on Jackson Street in Pacific Heights," says Skurman. "It's a remarkable site – the front of the lot faces Alta Plaza while the rear overlooks the San Francisco Bay. It was a very rare opportunity to build a new house in San Francisco, and we were excited about the chance."

Pacific Heights is an amalgam of many architectural styles, often closely juxtaposed. Skurman says that the firm drew from elements found throughout the neighborhood, as well as historical precedent, to bridge the gap between the traditional and the contemporary. A non-descript 1960s house on the site was torn down, and the choice of Georgian styling was determined by the close proximity of the abutting buildings. "To the west is a traditional Georgian style apartment building, and a sleek modern home with piers supporting a large overhang to the east," says Skurman. "I'm a big believer in houses fitting into the context of a neighborhood, and this house has a great conversation with its two abutters with the modern cantilevering on one side and the Classical elegance on the other."

Top: The family room and kitchen of this new townhouse in San Francisco designed by Andrew Skurman Architects lead to a terrace overlooking Alta Plaza. *All photos: Matthew Millman* 



Above: The front façade draws its form from the Roper House in Charleston, SC, and the LaGrange Terrace rowhouses in New York City. Rendering: courtesy of Andrew Skurman Architects

Above right: The double-story colonnade of the front façade provides both shade and depth.

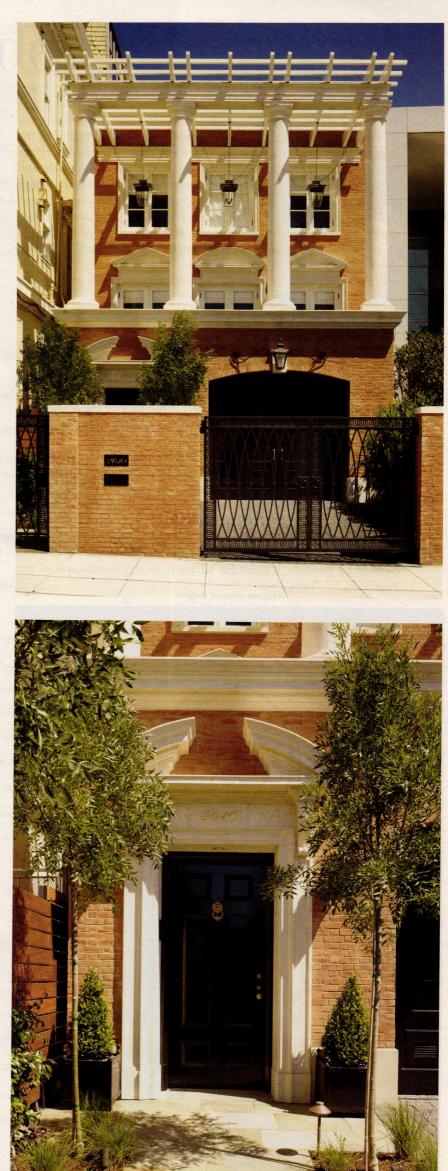
Skurman says that designing a new townhouse in a way that reflects upon both of these adjacent structures was a challenge. "The modern townhome had incorporated a deep inset terrace on its front façade that relates well to the double-height colonnade we designed for the front façade," he says. "In order to relate to the apartment building and other contextual aspects throughout the neighborhood, we chose an antique Cushwa brick in a Flemish bond pattern and Georgian detailing on the exterior of the townhouse."

Goals for the design included accommodating the client eventually raising a family and providing sufficient garage space for the client to work on his cars and motorcycles. The firm didn't want to encroach on the back garden and its views by pushing out the garage in that direction. "We spent a great deal of time reflecting on how to accomplish this, and then I had a moment of inspiration: the LaGrange Terrace rowhouses on Lafayette Street in New York City," says Skurman. "I was a student at Cooper Union, and I walked by them frequently." Skurman also drew references from the Roper house in Charleston, SC.

"Ultimately, we pushed the garage out to the front of the building, into the yard, and used it as a plinth to support the two-story columns," says Skurman. "Our twist is that instead of a solid roof, we specified an open pergola that permits sunlight into the upper bedrooms. This is a departure from the solid roofs, in the New York or Charleston examples, wherein the upper floors are somewhat shielded by the overhang."

It is this open pergola that is perhaps the most unique characteristic of the dwelling, and Skurman's play on Classicism. He says that a townhouse of this style would traditionally have a solid roof overhanging the outdoor terrace, but due to the northern California climate, a trellis was designed to sit atop the double-height colonnade. Due in part to the local building codes and close proximity to neighboring structures, the trellis was constructed out of powder-coated aluminum, a fire resistant product.

The front door, with a broken pediment as the focal point, was inspired by the George F. Baker house in New York City.



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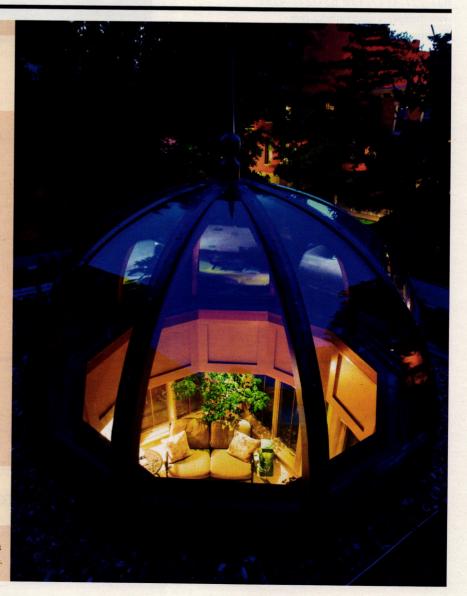
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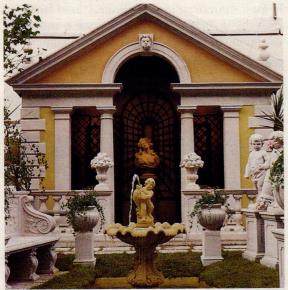
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### Hampton Conservatories, LLC

631-271-4177; Fax: 631-271-4238 www.hamptonconservatories.com Huntington Station, NY 11746

Designer, manufacturer & installer of traditional English conservatories, sunrooms, pool enclosures, greenhouses, garden rooms & skylights.



Hampton Conservatories offers greenhouses and conservatories custom designed to client specifications.

### Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493 www.historicalarts.com West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.

### **Renaissance Conservatories**

800-882-4657; Fax: 717-661-7727 www.renaissanceconservatories.com Leola, PA 17540

Custom fabricator & installer of traditional conservatories, sunrooms, greenhouses, skylights, roof lanterns, garden houses, pool enclosures & garden windows: handcrafted mahogany & cedar components.

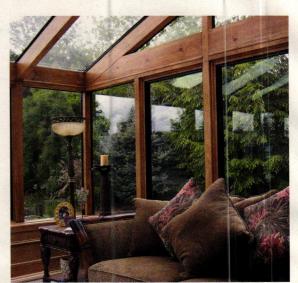


Renaissance Conservatories manufactured this conservatory for a client in New Jersey.

### Solar Innovations, Inc.

570-915-1500; Fax: 570-915-6083 www.solarinnovations.com Pine Grove, PA 17963

Designer, fabricator & installer of aluminum & wood glazed structures: skylights, sunrooms, greenhouses, conservatories & pool & spa enclosures; folding, tilting, sliding & stacking doors, walls, windows & screens; walkways, canopies, gutters, finials & more; HIC # PA051151.

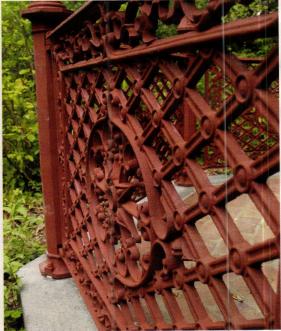


Solar Innovations crafted this sunroom, which measures 16 ft. long x 18 ft. wide x 11 ft. tall, with a wood interior.

### Wiemann Metalcraft

918-592-1700; Fax: 918-592-2385 www.wmcraft.com Tulsa, OK 74107

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors, balconies & more; all cast & wrought metal alloys, finishes & architectural styles; since 1940.

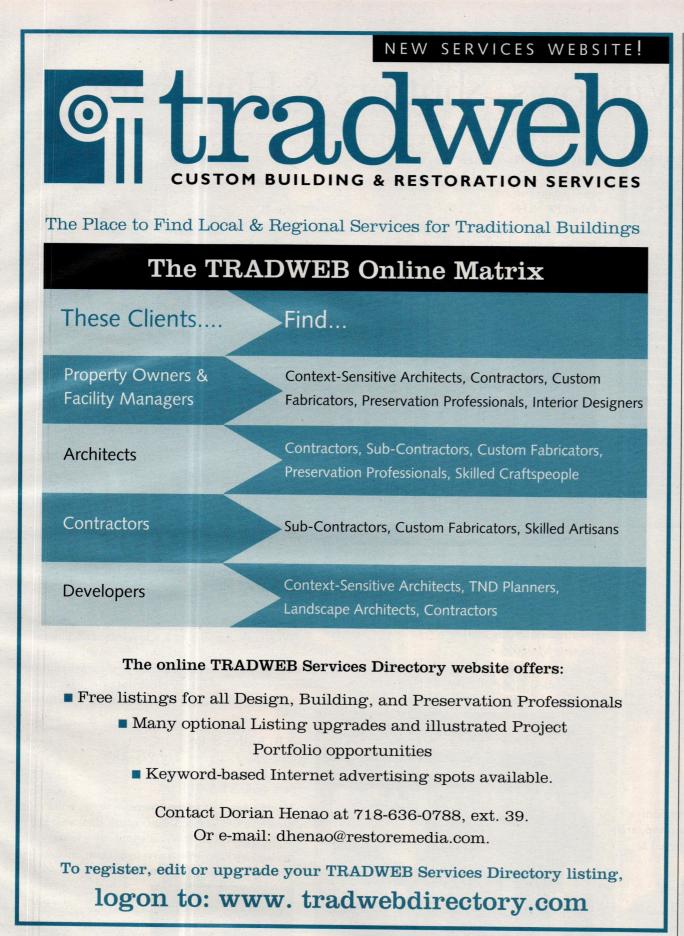


This detail is from a cast-iron gazebo that was recast and fabricated by Wiemann Metalcraft.



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### **Pella Corporation**

641-621-6272; Fax: 641-621-3466 www.pellacorporation.com Pella, IA 50219

Manufacturer of premium wood & aluminumclad wood doors: hinged or sliding; traditional & Prairie-style muntins; entrance systems in a range of styles; wood windows.

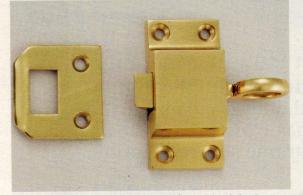


Pella's Architect Series wood and aluminum-clad wood double-hung and single-hung windows are available in a range of sizes, shapes and wood types.

### Phelps Co.

802-257-4314; Fax: 802-258-2270 www.phelpscompany.com Brattleboro, VT 05301

Manufacturer & designer of traditional, hotforged solid-brass window hardware: sash pulleys, weights, chains & cords, sash locks & lifts, casement stays & fasteners, storm/screen hangers, bronze screen wire & screen-door latch sets.



The Model TC75 transom catch is manufactured by Phelps Company in five different finishes; all are in stock for immediate shipment.

### **Reilly Windows & Doors**

631-891-6945; Fax: 631-208-0711 www.reillywd.com Calverton, NY 11933

Manufacturer & installer of custom wood windows, doors & shutters: can be designed to meet any ASTM impact requirement; wide selection of wood species, finish & hardware options.



Reilly Windows & Doors manufactured and installed these windows.

### **Rocky Mountain Hardware**

888-788-2013; Fax: 208-788-2577 www.rockymountainhardware.com Hailey, ID 83333

Manufacturer of handcrafted solid-bronze architectural hardware: sinks; faucets, bath & kitchen accessories; 7 different finishes; traditional, contemporary & other styles.

### Seekircher Steel Window Repair Corp.

914-734-8004; Fax: 914-734-8009 www.seekirchersteelwindow.com Peekskill, NY 10566

Repairer of steel casement windows: performed on location; more than 7,000 windows repaired annually in 26 states; large collection of vintage steel casement windows, doors & hardware; familyowned business established in 1977.



Solar Innovations, Inc.

www.solarinnovations.com

Pine Grove, PA 17963

570-915-1500; Fax: 570-915-6083

Designer, fabricator & installer of aluminum & wood glazed structures: skylights, sunrooms,

This vintage steel window was completely refurbished by Seekircher Steel Window Repair. greenhouses, conservatories & pool & spa enclosures; folding, tilting, sliding & stacking doors, walls, windows & screens; walkways, canopies, gutters, finials & more; HIC # PA051151.

### The Nanz Company

212-367-7000; Fax: 212-367-7375 www.nanz.com New York, NY 10025

Designer & manufacturer of period-style door, window & cabinet hardware: Gothic to Modern; specialized finishes; bathroom fittings & accessories; works directly with architects, designers & builders; consultation, specification & restoration services.



The Nanz Company offers knobs, levers and knuckle hinges in cast brass or bronze.

### Timberlane, Inc.

215-616-0600; Fax: 215-616-0749 www.timberlane.com Montgomeryville, PA 18936

Custom fabricator of handcrafted exterior shutters: more than 25 historically accurate styles or custom design; maintenance-free Endurian, western red cedar & Honduras mahogany; selection of period-accurate exterior shutter hardware.



These traditional Shaker shutters were handcrafted by Timberlane.

### **U.S. Shutter Company**

817-975-9333; Fax: 817-886-7262 www.usshutter.com Fort Worth, TX 76114 Supplier of shutters: plantation style hardwood, moveable & fixed louvers; interior & exterior; hardware; molding & more.



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Whitesmith & Company 214-697-4995; Fax: 214-871-0644 www.whitesmithandcompany.com

*Dallas, TX 75201* Designer & manufacturer of ornamental hardware & ironwork: stock & custom designs; grilles; door, window & cabinet hardware; fireplace equipment; lighting; forged & cast steel, iron, bronze, brass & copper; since 1993.



Wiemann Metalcraft fabricated these Art Deco door panels in bronze.

**Wiemann Metalcraft** 918-592-1700; Fax: 918-592-2385 www.wmcraft.com Tulsa, OK 74107

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors, balconies & more; all cast & wrought metal alloys, finishes & architectural styles; since 1940.

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Manufacturer of classic architectural elements:

plaster crowns, ceiling medallions, ceilings, niches & swags; 13,000 appliqués for woodwork/furni-

ture; 900 sizes of column capitals, pilaster capitals,

corbels & columns; 15 styles of traditional wood

mantels; classically inspired grilles; since 1883.

**Decorators Supply Corp.** 

www.decoratorssupply.com Chicago, IL 60609

773-847-6300; Fax: 773-847-6357

### Abatron, Inc.

800-445-1754; Fax: 262-653-2019 www.abatron.com Kenosha, WI 53144

Manufacturer of epoxy wood-restoration system: LiquidWood penetrating wood consolidant hardens deteriorated wood & WoodEpox wood-replacement compound for filling & rebuilding; AboCrete epoxy patching & resurfacing cement/grout.

### Barbara Tattersfield Design, Inc.

561-833-3443; Fax: 561-833-3414 www.btattersfielddesign.com West Palm Beach, FL 33401 Fabricator of hand-carved stone elements: mantels, columns, capitals, balustrades, niches, fountains & garden elements.

### **Bear Creek Lumber**

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

Supplier of wood flooring, paneling, roofing, fencing, new & recycled timbers & decking: hand-split, machine-cut & fancy-cut butt fire- & rot-retardant-treated shakes & shingles; quartersawn clapboard & siding; post & beam.



Wood siding from Bear Creek Lumber was used on this house.

### Carlson's Barnwood Co.

309-522-5550; Fax: 309-522-5123 www.carlsonsbarnwood.com Cambridge, IL 61238

Supplier of recycled barn-wood planks, re-milled antique flooring, dimensional lumber & timbers in various shades & types: cupolas, porch poles, siding, milled & barn lumber, flooring & paneling in pine & oak.

### **Cast Designs & Supply** 866-504-2067; Fax: 615-216-5955 www.castdesignsupply.com

Auburntown, TN 37016

Designer, manufacturer & installer of interior & exterior ornamental architectural products: crown molding, mantels, ceiling domes/medallions, capitals & other architectural accents; commercial, residential & historical restoration; over 1,000 existing designs; custom projects.

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, planters, balustrades, sculpture, columns, capitals, porticos, cornices, weathervanes, molding, trim, molded panels & more; custom components.

Haddonstone's cast-stone balustrading can be formed into straight,

ramped, curved and spiral configurations and is used on steps, balco-

### Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493 www.historicalarts.com West Jordan, UT 84081

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Pueblo, CO 81001

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nies and parapets.

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.

> Historical Arts & Casting designs,

manufactures and

installs metal doors,

windows and other

exterior elements.



### NIKO Contracting Co., Inc.

412-687-1517; Fax: 412-687-7969 www.nikocontracting.com Pittsburgh, PA 15213

Nationwide contractor, fabricator & installer of architectural sheet metal & roofing: slate, tile, metal & other roofing; ornamental ceilings, cresting, finials, cornices, cupolas, domes, steeples & snowguards.

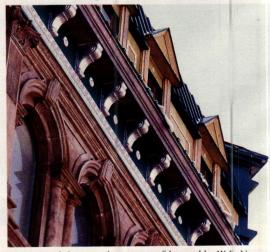


NIKO Contracting restored these copper dormer surrounds.

W.F. Norman Corp. 800-641-4038; Fax: 417-667-2708

www.wfnorman.com Nevada, MO 64772

Fabricator of sheet-metal ornament: hundreds of stock designs of cornices, moldings, brackets, backsplashes, pressed-metal ceilings, siding, roofing, cresting, kitchen equipment & more; duplication from samples or drawings.



This stamped sheet-metal cornice was fabricated by W.F. Norman.

Wiemann Metalcraft 918-592-1700; Fax: 918-592-2385 www.wmcraft.com Tulsa, OK 74107

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors, balconies & more; all cast & wrought metal alloys, finishes & architectural styles; since 1940.

## Flooring

### American Restoration Tile, Inc.

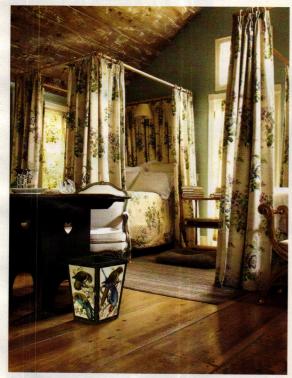
501-455-1000; Fax: 501-455-1004 www.restorationtile.com Mabelvale, AR 72103

Manufacturer of custom ceramic tile for restoration & new construction: mosaics; floor, wall, subway, kitchen & bath tile; custom matching of glazed & unglazed tile; all sizes.

### Antique & Vintage Woods of America

518-398-0049; Fax: 518-398-4011 www.antiqueandvintagewoods.com Pine Plains, NY 12567

Supplier of reclaimed & recycled lumber: wideplank flooring in various species up to 20 ft. long; Signature brand antique plank in tobacco barn oak, chestnut, mushroom wood & other species; hand-hewn & sawn beams up to 42 ft.



Antique & Vintage Woods of America specializes in salvaged and reclaimed building materials, including flooring.

### Brandt, Sylvan

717-626-4520; Fax: 717-626-5867 www.sylvanbrandt.com Lititz, PA 17543

Supplier of 18th- & 19th-century building materials salvaged from old houses & barns: columns, doors, mantels, sinks & bathtubs; antique & resawn flooring; antique heart pine, ancient oak, chestnut, white pine & hemlock; radiators; since 1960.

#### Chestnut Specialists, Inc.

860-283-4209; Fax: Same as phone www.chestnutspec.com Plymouth, CT 06782

Supplier of re-milled flooring from antique barn lumber: authentic antique planks, hewn beams, weathered siding, original flooring, antique heavy timber & salvaged logs for milling.



This random-width chestnut flooring was fabricated from handselected, re-milled lumber from Chestnut Specialists.

### Craftsman Lumber Co.

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

Custom manufacturer of wood flooring & paneling: 6-26 in. wide; antique heart pine, antique chestnut, eastern white pine, red pine, northern red oak, white oak, cherry, walnut & ash; all material dried & machined on premises.



Craftsman Lumber manufactured this wide-plank red pine flooring, which was dried and machined onsite.

#### **Foster Wood Products**

800-682-9418; Fax: 706-846-3487 www.fosterwood.com Shiloh, GA 31826

Supplier of specialty wood products: reclaimed heart pine & hardwood flooring & paneling; longleaf & new heart pine; old-growth white pine; treated porch flooring; hand-hewn & hardto-find beams.

### Heritage Wide Plank Flooring

877-777-4200; Fax: 631-996-5022 www.hwpf.com Riverhead, NY 11901

Supplier of wide-plank flooring: old-growth eastern white pine, heart pine, red pine, birch, cherry, walnut, hickory, white oak & maple; custom wood paneling; mills reclaimed lumber from old structures.



Old-growth maple from Heritage Wide Plank Flooring creates a durable surface and features consistent coloring.

#### Hochstetler Milling, Ltd.

419-368-0008; Fax: 419-368-6080 www.hochstetlermilling.net Loudonville, OH 44842 Supplier of new barn timbers: oak up to 40 ft. long; planed & rough sawn; 2x6 & 1x6 tongue-&groove knotty pine.

### Lumber Liquidators, Inc.

800-HARDWOOD; Fax: 757-566-0621 www.lumberliquidators.com Toano, VA 23168

Manufacturer of hardwood flooring: exotic & domestic wood; Bellawood comes with a 50-year warranty; cork flooring; grilles; maple & cherry butcher blocks; 75 locations nationwide.



Hardwood flooring is available from Lumber Liquidators in many species and styles.

### **Subway Ceramics**

888-387-3280; No fax www.subwaytile.com Verona, WI 53593 Supplier of historically authentic ceramic tile: field tile, moldings & trim pieces; mosaics; Victorian style.

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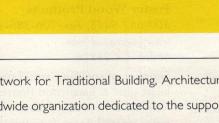
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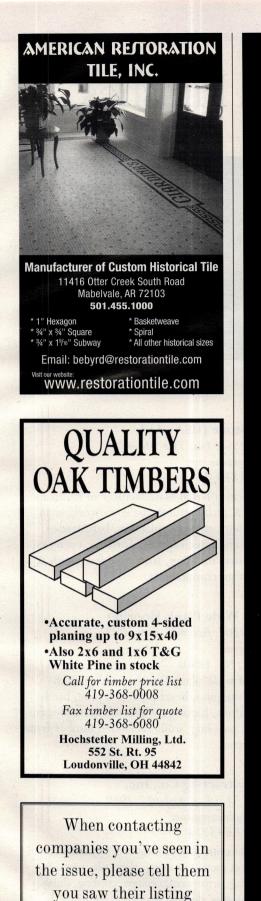




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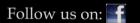




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Manufacturer of epoxy wood-restoration system: LiquidWood penetrating wood consolidant hardens deteriorated wood & WoodEpox wood-replacement compound for filling & rebuilding; AboCrete epoxy patching & resurfacing cement/grout.

### American Restoration Tile, Inc.

501-455-1000; Fax: 501-455-1004 www.restorationtile.com Mabelvale, AR 72103

Manufacturer of custom ceramic tile for restoration & new construction: mosaics; floor, wall, subway, kitchen & bath tile; custom matching of glazed & unglazed tile; all sizes.

### DecoCraft USA

718-534-7000; Fax: 718-534-7040 www.decocraftusa.com Brooklyn, NY 11205

Manufacturer of plaster elements: crown moldings, mantels, chair rails, friezes, ceiling medallions, ceiling domes, wall panels, door casing & more.



This crown molding was fabricated in plaster by DecoCraft.

#### **Decorators Supply Corp.**

773-847-6300; Fax: 773-847-6357 www.decoratorssupply.com Chicago, IL 60609

Manufacturer of classic architectural elements: plaster crowns, ceiling medallions, ceilings, niches & swags; 13,000 appliqués for woodwork/ furniture; 900 sizes of column capitals, pilaster capitals, corbels & columns; 15 styles of traditional wood mantels; classically inspired grilles; since 1883.



This decorative ceiling was fabricated by Decorators Supply.

### **Enkeboll Designs**

800-745-5507; Fax: 310-532-2042 www.enkeboll.com Carson, CA 90746

Manufacturer of architectural woodcarvings: moldings, corbels, columns, capitals, moldings, arches, panels, mantels, onlays & more; over 1,000 items produced from North American hardwoods; \$50 catalog refundable upon first order; since 1956.





This corbel is one of more than 1,000 woodcarvings available from Enkeboll Designs.

### Haddonstone (USA), Ltd.

719-948-4554; Fax: 719-948-4285
www.haddonstone.com
Pueblo, CO 81001
U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, planters, balustrades, sculpture, columns, capitals, porticos, cornices, weathervanes, molding, trim, molded panels &

### Heritage Wide Plank Flooring

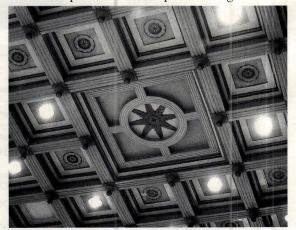
more; custom components.

877-777-4200; Fax: 631-996-5022 www.hwpf.com Riverhead, NY 11901 Supplier of wide-plank flooring: old-growth eastern white pine, heart pine, red pine, birch, cherry, walnut, hickory, white oak & maple; custom wood paneling; mills reclaimed lumber from old structures.

### NIKO Contracting Co., Inc.

412-687-1517; Fax: 412-687-7969 www.nikocontracting.com Pittsburgh, PA 15213

Nationwide contractor, fabricator & installer of architectural sheet metal & roofing: slate, tile, metal & other roofing; ornamental ceilings, cresting, finials, cornices, cupolas, domes, steeples & snowguards.



NIKO fabricated and installed these pressed-metal coffers.

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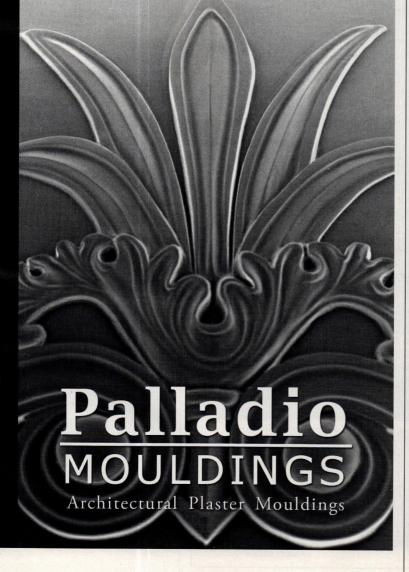
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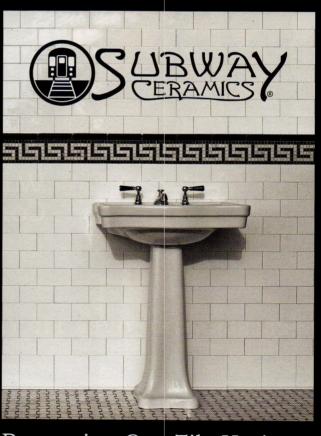
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Manufacturer of furniture, cabinet, window, shutter & door hardware: brass, cast iron, bronze, wrought iron & steel; new reproduction & antique/reconditioned hardware; fireplace accessories; restoration services.

### Belden Brick Co., The

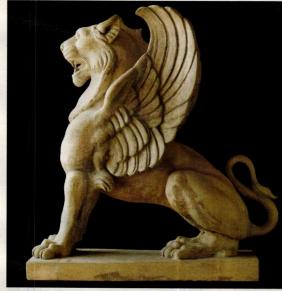
330-456-0031; No fax www.beldenbrick.com Canton, OH 44702

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.

### Chesney's

646-840-0609; Fax: 646-840-0602 www.chesneys-usa.com New York, NY 10022

Supplier of hand-carved mantels: reproductions of many historical styles including models from Sir John Soane's House Museum; various marbles; antique fireplaces; andirons, fire baskets & register grates; stairs; urns.



This winged lion from Chesney's was cast from the originals adorning the entrance to Fonthill Abbey.

### **Fine Architectural Metalsmiths**

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

Custom fabricator of metalwork: gates, fencing, railings, lanterns, chandeliers, sconces, grilles, fire screens, kitchen equipment & more; forged iron, bronze, copper & stainless steel; specialty finishes; design through installation services.

### Gavin Historical Bricks Inc.

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

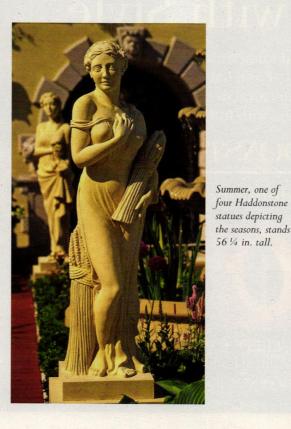
Supplier of authentic antique brick pavers, granite cobblestones, clinker & common brick: custom matching; large quantities; special shapes; handmolded & face brick; nationwide shipping.



Authentic antique street pavers from Gavin Historical Bricks were used for this driveway.

### Gold Coast Metal Works, Inc.

631-424-0905; Fax: 631-424-4867 www.gcmw.com Huntington Bay, NY 11743 Designer, fabricator & installer of architectural ironwork: brings centuries-old blacksmithing techniques to the US; railings, fencing, furniture & more.



### Haddonstone (USA), Ltd.

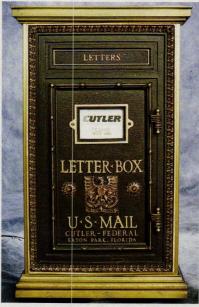
719-948-4554; Fax: 719-948-4285 www.haddonstone.com Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, planters, balustrades, sculpture, columns, capitals, porticos, cornices, weathervanes, molding, trim, molded panels & more; custom components.

### Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493 www.historicalarts.com West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.



Hunt Studios 415-401-7745; Fax: 415-373-4498 www.huntstonecarving.com San Francisco, CA 94124 Full-service sculptural studio: figurative, ornamental & decorative carving & sculpture; restoration & conservation; ecclesiastical & monumental

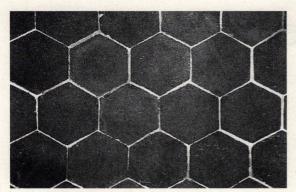
projects; custom maquette creation; public art

Kayne & Son Custom Hardware

828-667-8868; Fax: 828-665-8303 www.customforgedhardware.com Candler, NC 28715

commissions.

Custom fabricator of door, barn, garage, gate, furniture, cabinet, shutter & window hardware: hand-forged steel, copper & bronze or cast bronze; repair, restoration & reproduction work; fireplace equipment; catalog \$5.



Old Carolina Brick offers a selection of pavers for outdoor applications.

#### Old Carolina Brick Co.

704-636-8850; Fax: 704-636-0000 www.handmadebrick.com Salisbury, NC 28147

Manufacturer of handmade brick, pavers & fireplace fronts: 12 styles of pavers; special shapes, glazed headers & arches; fired with coal to provide bisques & unique colors; custom sizes in any quantity; restoration.



Schwartz's Forge & Metalworks created this wrought-iron fountain and gate combination.

Schwartz's Forge & Metalworks, Inc. 315-841-4477; Fax: 315-841-4694

www.schwartzsforge.com 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; historic restoration.

### **UgMo Technologies**

484-690-0570; No fax www.ugmo.com King of Prussia, PA 19406 Supplier of UgMO ProHome soilsensor system: underground sensors monitor soil & maintain soil moisture at root level.

#### Wiemann Metalcraft

918-592-1700; Fax: 918-592-2385 www.wmcraft.com Tulsa, OK 74107 Designer, fabricator, finisher &

installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors, balconies & more; all cast & wrought metal alloys, finishes & architectural styles; since 1940.



This custom fence was designed and fabricated by Wiemann Metalcraft using solid-bar steel; to ensure longevity, it was galvanized before urethane coating was applied.



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### www.haddonstone.com





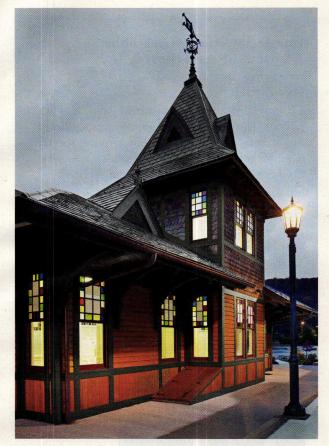






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The K-12 school building in Richfield Springs, N.Y., a lovely piece of historic architecture, needed work on its windows, which were aging badly and in dire need of attention. Though the option was considered, restoration wasn't a realistic answer; nearly all the windows had deteriorated too badly. Instead, the school district asked Marvin Windows and Doors to help specify replacements that would match the school's traditional design, while also bringing to bear the advantages of 21<sup>st</sup>-century window technology. The story of how Marvin did it is an object lesson in schooling a willing but inexperienced client in the myriad details of a complicated restoration project.

Presenters: Tony Bartorillo, CSI, CCPR, Marvin Windows and Doors of New York, Cortland, N.Y.

David Blackwell, project manager, Lend Lease Project Management and Construction, Syracuse, N.Y. William (Bill) T. Connor, vice president, Lend Lease Project Management and Construction, Syracuse, N.Y. Robert Barraco, superintendent of schools, Richfield Springs CSD, Richfield Springs, N.Y.

**Moderator:** Judy L. Hayward, education director, Traditional Building Exhibition and Conference and Traditional Building Conference Series, Restore Media, LLC, Washington, D.C.

### Differences of Opinion: How Do You Balance 'Compatibility' and 'Differentiation' When You're Adding On to an Historic Structure?

September 27, 2011, 2:00 p.m. ET, 90 minutes, 1.5 HSW LU

Learning Objectives After the session, participants will be able to do the following:

- Apply the concept of "compatible yet differentiated" to work that needs to comply with the Secretary of the Interior's Standard No. 9.
- Break down the Secretary of the Interior's Standard No. 9 for clients, explaining options and requirements to them.
- Compare and contrast additions that replicate or are differentiated from a building's historic core.
- Select materials more appropriately on the way to designing more effective additions.

**Presenters:** Robert D. Loversidge, Jr., FAIA, president, CEO, Schooley Caldwell Associates, Columbus, Ohio John Sandor, architectural historian, Technical Preservation Services, National Park Service, Washington, D.C. Cynthia Roubik, Architect III, Commission on Chicago Landmarks, Chicago

**Moderator:** Judy L. Hayward, education director, Traditional Building Exhibition and Conference and Traditional Building Conference Series, Restore Media, LLC, Washington, D.C.

### Heaven Sent: An Historic Church Seizes a Window of Opportunity

November 15, 2011, 2:00 p.m. ET, 90 minutes, 1.5 HSW LU

Learning Objectives After the sessions, participants will be able to do the following.

- Manage a major window reconstruction, including establishing the project team and creating effective work processes.
- Explain the requirements and techniques for conducting physical inspections, surveys and hand measurements used in the replication of large windows and doors.
- Gain a working knowledge of appropriate materials, wood decay and moisture meters, and emergency stabilization of existing large window and door frames.
- Discuss similarities and differences between the Secretary of the Interior's Standards and the ICOMOS Principles for Preservation.

**Presenters:** Roderick J. MacNeil, M.Arch., FRAIC, president, Jerry MacNeil Architects Limited, Halifax, Nova Scotia Gregory J. MacNeil, B.A., BEDS, M.Arch., director of measured and image-based building documentation, Jerry MacNeil Architects Limited, Halifax, Nova Scotia

**Moderator:** Judy L. Hayward, education director, Traditional Building Exhibition and Conference and Traditional Building Conference Series, Restore Media, LLC, Washington, D.C.

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### Ball & Ball Lighting

610-363-7330; Fax: 610-363-7639 www.ballandball.com Exton, PA 19341

Manufacturer of historical lighting fixtures: lanterns, sconces, table/floor lamps, chandeliers & pendants; porch & gas lighting; brass, tin, copper, pewter, iron & bronze; restoration & refitting; stock & custom.

This hanging round lantern from Ball & Ball Lighting measures 10½x27 in. and can be custom built to other dimensions.

#### Coppersmythe, Josiah R.

800-426-8249; Fax: 508-432-8587 www.jrcoppersmythe.com Harwich, MA 02645

Manufacturer of handcrafted lighting: sconces, chandeliers & lanterns; Turn of the Century, Colonial & Arts & Crafts styles; custom.

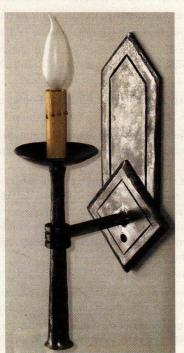


This wallmounted lantern from Josiah R. Coppersmythe is finished in copper verde and measures 10½ in. wide x 9½ in. deep x 22 in. tall.



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

Designer & manufacturer of interior & exterior lighting fixtures: stylized reproductions rooted in the Colonial style.



This pre-wired wall torchère from Fine Architectural Metalsmiths features a hand-hammered candle cup above a tapered base.

This lead-coatedcopper hanging

lantern, model

#L-1251 from

Deep Landing Workshop, is

10½ in. wide

and 21 in. tall.

### **Fine Architectural Metalsmiths**

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

Custom fabricator of metalwork: gates, fencing, railings, lanterns, chandeliers, sconces, grilles, fire screens, kitchen equipment & more; forged iron, bronze, copper & stainless steel; specialty finishes; design through installation services.

### Heritage Lanterns

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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.



This bracket lantern is manufactured by Heritage Lanterns.

Historical Arts & Casting, Inc. 800-225-1414; Fax: 801-280-2493 www.historicalarts.com West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.



Historical Arts & Casting custom fabricated these wall-mounted lighting fixtures.



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### House of Antique Hardware

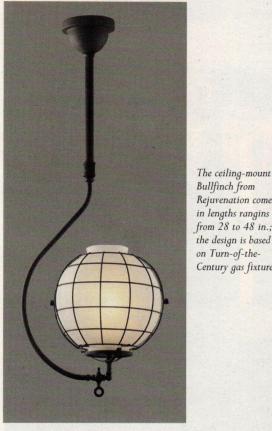
888-223-2545; Fax: 503-233-1312 www.hoah.us Portland, OR 97232

Supplier of door, window, cabinet, furniture, electrical & bath hardware: original antique & vintage reproductions; Federal, Victorian & Arts & Crafts styles; hardware specialists available to assist with renovation projects.

### Rejuvenation

888-401-1900; Fax: 800-526-7329 www.rejuvenation.com Portland, OR 97210

Manufacturer of period-style lighting & hardware: door, bath, window & cabinet hardware; Victorian, Colonial Revival, Neoclassical, Arts & Crafts, Art Deco & Atomic Age; 12 finishes; direct delivery.



Bullfinch from Rejuvenation comes in lengths rangins from 28 to 48 in.; the design is based on Turn-of-the-Century gas fixtures.

**Remains Lighting** 212-675-8051; No fax www remains com

New York, NY 10001

Custom lighting manufacturer & supplier of antique lighting: E.F. Caldwell & Co., Sterling Bronze Co. & Bradley & Hubbard; new wall & ceiling fixtures; chandeliers, lanterns, sconces & table & floor lamps; period lighting; UL certified.



This lantern with polished-nickel fittings and clear mouth-blown glass is available from Remains Lighting; the glass is wrapped in hand-woven wire fabric, referencing historic factory lighting, where glass was netted for safety.

### Scofield Historic Lighting

860-767-7032; Fax: 888-860-9266 www.scofieldhistoriclighting.com Ivoryton, CT 06442

Fabricator of handmade, new production antique & custom lighting: chandeliers, sconces & lanterns; copper, tin, steel & wood; 22k gold leaf, aged tin, bronze, vertigree & leaded-copper patinas; inspired by 17th- to 19th-century American & European designs.



This historic lantern is one of many styles available from Scofield Historic Lighting.

### Whitesmith & Company

214-697-4995; Fax: 214-871-0644 www.whitesmithandcompany.com Dallas, TX 75201

Designer & manufacturer of ornamental hardware & ironwork: stock & custom designs; grilles; door, window & cabinet hardware; fireplace equipment; lighting; forged & cast steel, iron, bronze, brass & copper; since 1993.

#### Wiemann Metalcraft

918-592-1700; Fax: 918-592-2385 www.wmcraft.com Tulsa, OK 74107

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors, balconies & more; all cast & wrought metal alloys, finishes & architectural styles; since 1940.

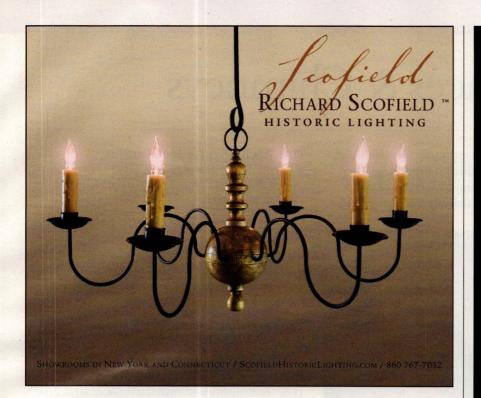
### Woolen Mill Fan Co.

717-382-4754; Fax: 717-382-4275 www.architecturalfans.com New Park, PA 17352

Supplier of belt-driven ceiling fans: some built from patterns in Smithsonian exhibit; iron, bronze & aluminum with mahogany blades; handcrafted by old-order Amish; assembled to specifications at PA studio.



Woolen Mill Fan Co. offers a selection of traditionally styled beltdriven ceiling fans.



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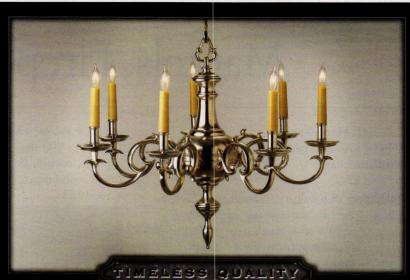


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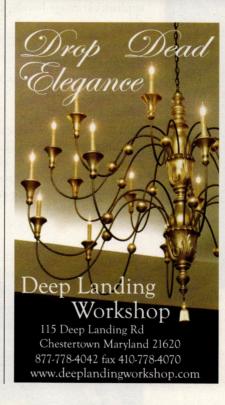
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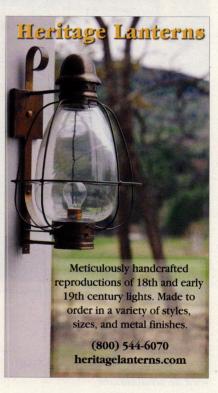


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## Mantels, Fireplaces & Chimneys

### Ball & Ball Hardware

610-363-7330; Fax: 610-363-7639 www.ballandball.com Exton, PA 19341

Manufacturer of furniture, cabinet, window, shutter & door hardware: brass, cast iron, bronze, wrought iron & steel; new reproduction & antique/reconditioned hardware; fireplace accessories; restoration services.

### Chesney's

646-840-0609; Fax: 646-840-0602 www.chesneys-usa.com New York, NY 10022

Supplier of hand-carved mantels: reproductions of many historical styles including models from Sir John Soane's House Museum; various marbles; antique fireplaces; andirons, fire baskets & register grates; stairs; urns.



The Burlington mantel from Chesney's is hand carved in limestone.

**DecoCraft USA** 718-534-7000; Fax: 718-534-7040 www.decocraftusa.com Brooklyn, NY 11205

Manufacturer of plaster elements: crown moldings, mantels, chair rails, friezes, ceiling medallions, ceiling domes, wall panels, door casing & more.

Decorators Supply Corp. 773-847-6300; Fax: 773-847-6357 www.decoratorssupply.com Chicago, IL 60609 Manufacturer of classic architectural elements: plaster crowns, ceiling medallions, ceilings, niches & swags; 13,000 appliqués for woodwork/ furniture; 900 sizes of column capitals, pilaster capitals, corbels & columns; 15 styles of traditional wood mantels; classically inspired grilles; since 1883.



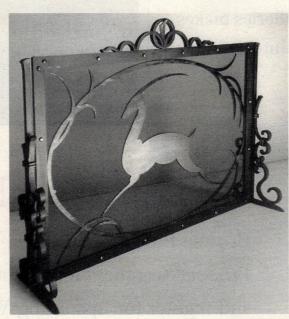
Classical architectural elements, such as this mantel from Decorators Supply, were used to enhance this room.

Elmira Stove Works 519-669-1281; Fax: 519-669-1774 elmirastoveworks.com Elmira, ON, Canada N3B 3P1 Manufacturer of vintage-style stoves & kitchen appliances: range hoods, ovens, refrigerators & more.

### **Enkeboll Designs**

800-745-5507; Fax: 310-532-2042 www.enkeboll.com Carson, CA 90746

Manufacturer of architectural woodcarvings: moldings, corbels, columns, capitals, moldings, arches, panels, mantels, onlays & more; over 1,000 items produced from North American hardwoods; \$50 catalog refundable upon first order; since 1956.



This fireplace screen from Fine Architectural Metalsmiths features a bronze antelope.

### Fine Architectural Metalsmiths

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

Custom fabricator of metalwork: gates, fencing, railings, lanterns, chandeliers, sconces, grilles, fire screens, kitchen equipment & more; forged iron, bronze, copper & stainless steel; specialty finishes; design through installation services.

### Haddonstone (USA), Ltd.

719-948-4554; Fax: 719-948-4285 www.haddonstone.com Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, planters, balustrades, sculpture, columns, capitals, porticos, cornices, weathervanes, molding, trim, molded panels & more; custom components.



The cast-stone Tall Manor chimneypiece by Haddonstone features a simple Gothic arch.

### Heritage Wide Plank Flooring

877-777-4200; Fax: 631-996-5022 www.hwpf.com Riverhead, NY 11901 Supplier of wide-plank flooring: old-growth

Supplier of wide-plank flooring: old-growth eastern white pine, heart pine, red pine, birch, cherry, walnut, hickory, white oak & maple; custom wood paneling; mills reclaimed lumber from old structures.

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### Kayne & Son Custom Hardware

828-667-8868; Fax: 828-665-8303 www.customforgedhardware.com Candler, NC 28715

Custom fabricator of door, barn, garage, gate, furniture, cabinet, shutter & window hardware: hand-forged steel, copper & bronze or cast bronze; repair, restoration & reproduction work; fireplace equipment; catalog \$5.

### New World Stoneworks

508-278-7007; Fax: 508-278-7014 www.newworldstoneworks.com Uxbridge, MA 01569

Supplier of natural stone: matches historic stone; photographs existing stonework, extracts pattern & delivers complete hand-chiseled job.

#### White River Hardwoods-Woodworks

800-558-0119; Fax: 479-444-0406 www.whiteriver.com Fayetteville, AR 72701 Manufacturer of architectural millwork: Mon Reale moldings, authentic handcarved line of adornments for cabinetry & furniture in linden, cherry & maple; lineals, mantels & range hoods in stock.



This mantel was created by White River Hardwoods.

### Whitesmith & Company

214-697-4995; Fax: 214-871-0644 www.whitesmithandcompany.com Dallas, TX 75201

Designer & manufacturer of ornamental hardware & ironwork: stock & custom designs; grilles; door, window & cabinet hardware; fireplace equipment; lighting; forged & cast steel, iron, bronze, brass & copper; since 1993.

### Wiemann Metalcraft

918-592-1700; Fax: 918-592-2385 www.wmcraft.com Tulsa, OK 74107

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors, balconies & more; all cast & wrought metal alloys, finishes & architectural styles; since 1940.

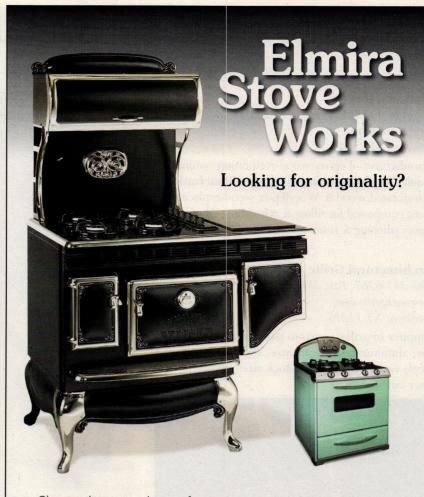
#### Zepsa Industries, Inc.

704-583-9220; Fax: 704-583-9674 www.zepsa.com Charlotte, NC 28273

Custom fabricator of architectural millwork: interior woodwork; railings, stairs, wine cellars, mantels, paneling, furniture & more.



Zepsa Industries designed and built this mantel and overmantel.



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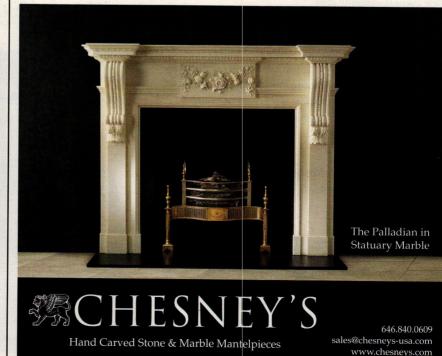
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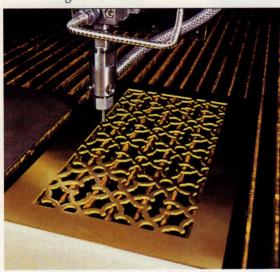
800-445-1754; Fax: 262-653-2019 www.abatron.com Kenosha, WI 53144

Manufacturer of epoxy wood-restoration system: LiquidWood penetrating wood consolidant hardens deteriorated wood & WoodEpox wood-replacement compound for filling & rebuilding; AboCrete epoxy patching & resurfacing cement/grout.

**Architectural Grille** 

800-387-6267; Fax: 718-832-1390 www.archgrille.com Brooklyn, NY 11215

Supplier of grilles: custom perforated & linear bar; aluminum, brass, bronze, stainless steel & steel; variety of finishes; stock sizes; water-jet & laser cutting.



Architectural Grille uses water-jet-cutting technology to create metal grilles in a variety of historic styles.

### **Decorators Supply Corp.**

773-847-6300; Fax: 773-847-6357 www.decoratorssupply.com Chicago, IL 60609

Manufacturer of classic architectural elements: plaster crowns, ceiling medallions, ceilings, niches & swags; 13,000 appliqués for woodwork/ furniture; 900 sizes of column capitals, pilaster capitals, corbels & columns; 15 styles of traditional wood mantels; classically inspired grilles; since 1883.

### **Fine Architectural Metalsmiths**

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

Custom fabricator of metalwork: gates, fencing, railings, lanterns, chandeliers, sconces, grilles, fire screens, kitchen equipment & more; forged iron, bronze, copper & stainless steel; specialty finishes; design through installation services.



This railing from Fine Architectural Metalsmiths features French Country-style scrollwork with bronze leaf finials and center rosettes.

### **Gaby's Shoppe**

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

Manufacturer of hand-forged wrought-iron drapery hardware & accessories: custom rods, finials, brackets & holdbacks; European metalworking skills; handcrafted & hand finished.

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800-536-4341; Fax: 785-689-4303 www.spiral-staircases.com Logan, KS 67646 Custom fabricator of all types of spiral stairs: steel, steel/wood or all-wood; custom railing & wood stair parts.



This metal-andwood spiral staircase was fabricated by Goddard.

### Gold Coast Metal Works, Inc. 631-424-0905; Fax: 631-424-4867

www.gcmw.com Huntington Bay, NY 11743

Designer, fabricator & installer of architectural ironwork: brings centuries-old blacksmithing techniques to the US; railings, fencing, furniture & more.



This decorative metal stair rail was designed and fabricated by Gold Coast Metal Works.

#### **Hamilton Sinkler**

212-760-3377; No fax www.hamiltonsinkler.com New York, NY 10016

Manufacturer of decorative registers & vents, door & window hardware, cabinet hardware, bathroom accessories & more: brass, bronze & nickel; custom work.



Hamilton Sinkler's brass, bronze and cast-iron registers are available in custom sizes and designs.



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### 1(800)225-1414



www.historicalarts.com

Historical Arts & Casting, Inc. 800-225-1414; Fax: 801-280-2493 www.historicalarts.com West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.



Historical Arts & Casting fabricated this traditionally styled, castbronze railing.

### Kayne & Son Custom Hardware

828-667-8868; Fax: 828-665-8303 www.customforgedhardware.com Candler, NC 28715

Custom fabricator of door, barn, garage, gate, furniture, cabinet, shutter & window hardware: hand-forged steel, copper & bronze or cast bronze; repair, restoration & reproduction work; fireplace equipment; catalog \$5.



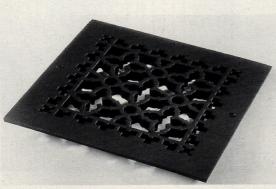
This turkey motif was hand forged by Kayne & Son Custom Hardware.



NIKO fabricated this custom zinc spandrel panel.

NIKO Contracting Co., Inc. 412-687-1517; Fax: 412-687-7969 www.nikocontracting.com Pittsburgh, PA 15213

Nationwide contractor, fabricator & installer of architectural sheet metal & roofing: slate, tile, metal & other roofing; ornamental ceilings, cresting, finials, cornices, cupolas, domes, steeples & snowguards.



The Reggio Register Co. offers a selection of grilles in a range of period styles.

### Reggio Register Co., Inc., The

800-880-3090; Fax: 978-870-1030 www.reggioregister.com Leominster, MA 01453

Manufacturer of decorative & functional castiron, brass, aluminum & wood grilles: historic & contemporary designs for forced air & high velocity systems; large selection of sizes in stock.



This stair balustrade, fabricated by Schwartz's Forge & Metalworks, has gilded repousse leaf work and a custom bronze cap rail.

### Schwartz's Forge & Metalworks, Inc.

315-841-4477; Fax: 315-841-4694 www.schwartzsforge.com 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; historic restoration.

### W.F. Norman Corp.

800-641-4038; Fax: 417-667-2708 www.wfnorman.com Nevada, MO 64772 Fabricator of sheet-metal ornament: hundreds

of stock designs of cornices, moldings, brackets, backsplashes, pressed-metal ceilings, siding, roofing, cresting, kitchen equipment & more; duplication from samples or drawings.

### Whitesmith & Company

214-697-4995; Fax: 214-871-0644 www.whitesmithandcompany.com Dallas, TX 75201 Designer & manufacturer of ornamental hardware & ironwork: stock & custom designs; grilles; door, window & cabinet hardware; fireplace equipment; lighting; forged & cast steel, iron, bronze, brass & copper; since 1993.

### Wiemann Metalcraft

918-592-1700; Fax: 918-592-2385 www.wmcraft.com Tulsa, OK 74107

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors, balconies & more; all cast & wrought metal alloys, finishes & architectural styles; since 1940.



Designed by Curtis and Windham Architects, this forged-bronze grille was fabricated by Wiemann Metalcraft.

### Call for Entries The 2012 PALLADIO AWARDS

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Co-produced by Period Homes & Traditional Building and Traditional Building Exhibition and Conference

The Palladio Awards are named in honor of Andrea Palladio, the Renaissance architect who created modern architecture for his time while using models from the past for inspiration and guidance.

### Categories:

- Restoration & Renovation
- Adaptive Reuse &/or Sympathetic Addition
- New Design & Construction less than 5,000 sq.ft.
- New Design & Construction more than 5,000 sq.ft.
- Exterior Spaces: Gardens
   & Landscapes
- Multi-Unit

Corresponding awards will also be made for commercial, institutional and public projects.

> The deadline for entries is November 23, 2011.

For details on the Awards program, judging criteria and submission requirements, go to www.palladioawards.com



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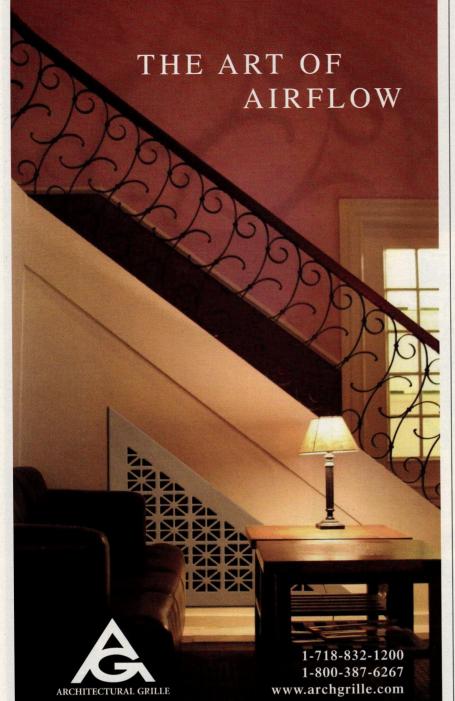
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www.traditionalproductreports.com

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### Custom Service Hardware, Inc.

262-375-7960; Fax: 262-375-7970 www.cshardware.com Cedarburg, WI 53012

Wholesale supplier of kitchen cabinet builders' hardware: hinges, fasteners, abrasives, drawer slides, storage units & more; kitchen & bathroom accessories; lighting & electrical products; furniture & rolling ladder hardware; tools.



Elmira custom builds kitchen appliances, such as this reproduction cooking stove.

### **Elmira Stove Works**

519-669-1281; Fax: 519-669-1774 elmirastoveworks.com Elmira, ON, Canada N3B 3P1 Manufacturer of vintage-style stoves & kitchen appliances: range hoods, ovens, refrigerators & more.



This repousse copper range hood by Fine Architectural Metalsmiths features a William Morris-inspired oak pattern.

### **Fine Architectural Metalsmiths**

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

Custom fabricator of metalwork: gates, fencing, railings, lanterns, chandeliers, sconces, grilles, fire screens, kitchen equipment & more; forged iron, bronze, copper & stainless steel; specialty finishes; design through installation services.

### Hamilton Sinkler

212-760-3377; No fax www.hamiltonsinkler.com New York, NY 10016 Manufacturer of decorative registers & vents, door & window hardware, cabinet hardware, bathroom accessories & more: brass, bronze & nickel; custom work.

### Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493 www.historicalarts.com West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.



This rustic copper kitchen hood was designed and fabricated by Historical Arts & Casting.

### House of Antique Hardware

888-223-2545; Fax: 503-233-1312 www.hoah.us Portland, OR 97232

Supplier of door, window, cabinet, furniture, electrical & bath hardware: original antique & vintage reproductions; Federal, Victorian & Arts & Crafts styles; hardware specialists available to assist with renovation projects.

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888-788-2013; Fax: 208-788-2577 www.rockymountainhardware.com Hailey, ID 83333

Manufacturer of handcrafted solid-bronze architectural hardware: sinks; faucets, bath & kitchen accessories; 7 different finishes; traditional, contemporary & other styles.

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www.subwaytile.com
Verona, WI 53593
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Victorian style.

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#### The Wine Rack Company

845-658-7181; Fax: 845-658-5309 www.thewinerackcompany.com High Falls, NY 12440

Manufacturer & retailer of wine-storage products & wine-related accessories: designer & builder of custom wine cellars; residential racking systems made of non-aromatic cedar, pine, redwood, mahogany & oak.



This custom mahogany wine cellar was created with racking from The Wine Rack Company.

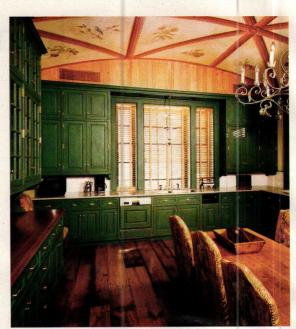
#### W.F. Norman Corp.

800-641-4038; Fax: 417-667-2708 www.wfnorman.com Nevada, MO 64772

Fabricator of sheet-metal ornament: hundreds of stock designs of cornices, moldings, brackets, backsplashes, pressed-metal ceilings, siding, roofing, cresting, kitchen equipment & more; duplication from samples or drawings.

#### Zepsa Industries, Inc.

704-583-9220; Fax: 704-583-9674 www.zepsa.com Charlotte, NC 28273 Custom fabricator of architectural millwork: interior woodwork; railings, stairs, wine cellars, mantels, paneling, furniture & more.



Zepsa Industries fabricated the woodwork for these kitchen cabinets.

## Calendar of Events

NATIONAL PRESERVATION INSTITUTE: HISTORIC PRESERVA-TION SEMINARS, Now - May 2012. The National Preservation Institute will conduct a series of training seminars for professionals in management, development and historic, cultural and environmental preservation in cities across the country. Seminars, case studies and small group exercises will highlight state-ofthe-art practices in historic preservation. For more information, visit www.npi. org or email info@npi.org.

WRIGHT WAY PENNSYLVANIA TOUR: FALLINGWATER & MORE, October 1-4, 2011. The Frank Lloyd Wright Preservation Trust will conduct a private in-depth tour of Frank Lloyd Wright's Fallingwater in Mill Run, PA. The tour will also include the Kentuck Knob (1954) and Duncan houses (1957), two of Wright's last residential commission, as well as nearby historic homes, neighborhoods and art museums in Pittsburgh. For more information, visit www.gowright.org.

**GREENBUILD "NEXT" 2011, October 4-7, 2011.** The annual Greenbuild international conference and expo will be hosted in Toronto, Canada. This year's theme will celebrate new innovative ideas in green building design and will feature the world's largest expo devoted to green building products and services as well as LEED workshops taught by industry experts. For more information, visit www.greenbuildexpo.org.

**ICAA GUIDED TOUR OF PRIVATE PALACES, VILLAS AND GARDENS OF VENICE AND THE VENETO, October 9-16, 2011.** Following the 500th anniversary of the birth of Andrea Palladio, ICAA will host a seven-day guided tour of influential Palladian palaces, villas and gardens in Venice and the Veneto. Event highlights include a private tour of Palladio's Vicenza, a UNESCO World Heritage site. For more information, visit www.classicist.org.

**APT CONFERENCE, OCTOBER 11-16, 2011.** The Association for Preservation Technology International will host its annual conference at the Fairmont Empress Hotel and Victoria Conference Centre in Victoria, Canada. The event will feature workshops, symposiums, exhibits and field sessions focusing on the theme, "Heritage on the Edge: Sustaining Buildings, Landscapes and Communities." For conference updates, visit www.apti.org. NATIONAL PRESERVATION CONFERENCE, October 19-22, 2011. The National Trust for Historic Preservation will host its annual conference in Buffalo, NY. The event's theme, "Alternating Currents," will examine the fluctuating direction of preservation. For more information, visit www.preservationnation.org.

**TRADITIONAL BUILDING CONFERENCE SERIES: NEW YORK CITY, October 21-22, 2011.** The third installment of the new Traditional Building Conference Series, the regional event for design and construction professionals working in restoration, renovation, preservation and traditionally styled new construction, will be held in New York City at the General Society of Mechanics and Tradesmen. For more information, go to www.traditionalbuildingshow.com.

ASLA 2011 ANNUAL MEETING & EXPO, October 30 - November 2, 2011. The American Society of Landscape Architects will host its annual meeting at the San Diego Convention Center in San Diego, CA. Participants will have the chance to earn up to 21 professional development hours through workshops and education sessions. For more information, visit www.asla.org.

BUILD BOSTON CONVENTION AND TRADESHOW, November 16-18, 2011. The annual Build Boston convention and tradeshow will be held at the Seaport World Trade Center in Boston, MA. The event features exhibits, symposiums and workshops with the opportunity to earn continuing-education credits and AIA LUs. For event updates, visit www. buildboston.com.

**2012** PALLADIO AWARDS DEADLINE FOR SUBMISSIONS, November 23, 2011. The annual Palladio Awards, honoring excellence in traditional architecture, are sponsored by *Traditional Building* and *Period Homes* magazines and the Traditional Building Conference Series. For more information, go to www.palladioawards.com.

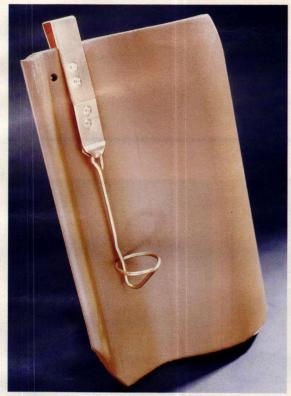
**WOODWORKING CLASSES.** The North Bennet Street School holds full-time woodworking courses – including fine carpentry and preservation carpentry – in Boston, MA. Class size is limited to a maximum of 13 people. The school provides bench space, materials and shop supplies for most workshops. To register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

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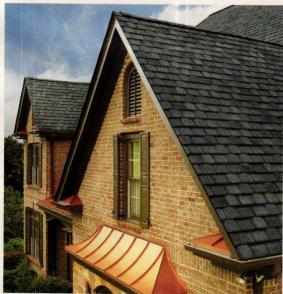


The wire-loop design is one of many styles offered by Alpine Snowguards.

### GAF

973-628-3000; Fax: 973-628-3865 www.gaf.com Wayne, NJ 07470

Manufacturer of roofing: Timberline fiberglass asphalt shingle with wood look; Slateline imitation-slate shingles; Country Mansion shingles with natural-stone or slate look; metal roofing; stone veneer.



Camelot roofing from GAF has the look of slate.

Haddonstone (USA), Ltd.

719-948-4554; Fax: 719-948-4285 www.haddonstone.com Pueblo, CO 81001

U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, planters, balustrades, sculpture, columns, capitals, porticos, cornices, weathervanes, molding, trim, molded panels & more; custom components.

### Historical Arts & Casting, Inc.

800-225-1414; Fax: 801-280-2493 www.historicalarts.com West Jordan, UT 84081

Designer & custom fabricator of ornamental metalwork: benches, columns, balustrades, lighting, gazebos, fencing, grilles, doors, windows, skylights, finials & more; cast iron, bronze, aluminum & wrought iron/steel; many styles; restoration services.

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New composite roofing from Inspire Roofing provides an historic slate look for the restored Richard Howe House in Akron, OH.

### NIKO Contracting Co., Inc.

412-687-1517; Fax: 412-687-7969 www.nikocontracting.com Pittsburgh, PA 15213

Nationwide contractor, fabricator & installer of architectural sheet metal & roofing: slate, tile, metal & other roofing; ornamental ceilings, cresting, finials, cornices, cupolas, domes, steeples & snowguards.



NIKO Contracting installed the copper standing-seam roof on this carriage house.

### **Renaissance Conservatories**

800-882-4657; Fax: 717-661-7727 www.renaissanceconservatories.com Leola, PA 17540

Custom fabricator & installer of traditional conservatories, sunrooms, greenhouses, skylights, roof lanterns, garden houses, pool enclosures & garden windows: handcrafted mahogany & cedar components.



Renaissance Conservatories fabricates skylights, domes and conservatories.

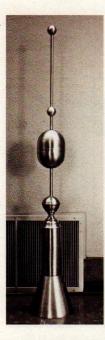
### Solar Innovations, Inc.

570-915-1500; Fax: 570-915-6083 www.solarinnovations.com Pine Grove, PA 17963

Designer, fabricator & installer of aluminum & wood glazed structures: skylights, sunrooms, greenhouses, conservatories & pool & spa enclosures; folding, tilting, sliding & stacking doors, walls, windows & screens; walkways, canopies, gutters, finials & more; HIC # PA051151.



This aluminum polygon skylight was designed by Solar Innovations.



A variety of metal finials are available from W.F. Norman.

#### W.F. Norman Corp.

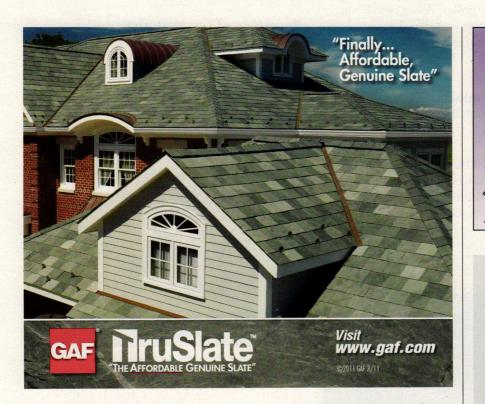
800-641-4038; Fax: 417-667-2708 www.wfnorman.com Nevada, MO 64772

Fabricator of sheet-metal ornament: hundreds of stock designs of cornices, moldings, brackets, backsplashes, pressed-metal ceilings, siding, roofing, cresting, kitchen equipment & more; duplication from samples or drawings.

### Wiemann Metalcraft

918-592-1700; Fax: 918-592-2385 www.wmcraft.com Tulsa, OK 74107

Designer, fabricator, finisher & installer of custom ornamental metalwork: railings, fencing, gates, columns, balustrades, lighting, grilles, doors, balconies & more; all cast & wrought metal alloys, finishes & architectural styles; since 1940. Wiemann Metalcraft created this 68x29-in. dragon weathervane based on a 17th-century Christopher Wren design.





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Belden Brick offers face brick in a variety of shapes and sizes.

### Chesney's

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Supplier of hand-carved mantels: reproductions of many historical styles including models from Sir John Soane's House Museum; various marbles; antique fireplaces; andirons, fire baskets & register grates; stairs; urns.

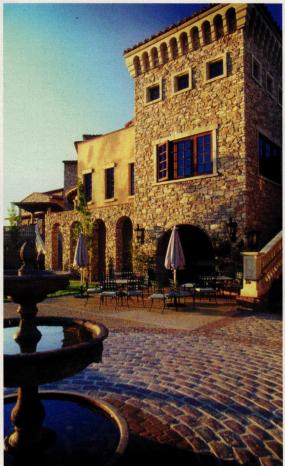


This cantilevered staircase from Chesney's was hand carved in Carrara marble.

### **Eldorado Stone**

800-925-1491; No fax www.eldoradostone.com San Marcos, CA 92078

Manufacturer of architectural stone veneer: fireplaces; cast from molds made from thousands of hand-selected natural stones.



Eldorado Stone supplied the custom stone veneer for this façade, as well as the landscape pavers.

### GAF

973-628-3000; Fax: 973-628-3865 www.gaf.com Wayne, NJ 07470

Manufacturer of roofing: Timberline fiberglass asphalt shingle with wood look; Slateline imitation-slate shingles; Country Mansion shingles with natural-stone or slate look; metal roofing; stone veneer.

### Gavin Historical Bricks Inc.

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Supplier of authentic antique brick pavers, granite cobblestones, clinker & common brick: custom matching; large quantities; special shapes; handmolded & face brick; nationwide shipping.



These reclaimed bricks were supplied by Gavin Historical Bricks

### Haddonstone (USA), Ltd.

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U.S.- & British-based manufacturer of landscape ornament & architectural cast stonework: mantels, fountains, gazebos, planters, balustrades, sculpture, columns, capitals, porticos, cornices, weathervanes, molding, trim, molded panels & more; custom components.

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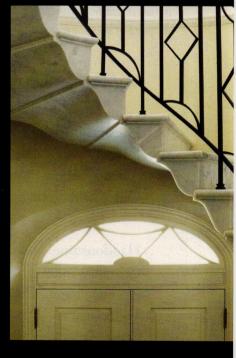


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### Pine Hall Brick Co.

800-334-8689; Fax: 336-721-7517 www.americaspremierpaver.com Winston Salem, NC 27105 Manufacturer of pavers, face brick, thin brick & special shapes: 40+ face-brick styles; 60+ claypaver styles including Rumbled, CityCobble, permeable RainPave & StormPave; since 1922.

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To Register Call: Carolyn Walsh 781.779.1560 cwalsh@restoremedia.com Education Inquiries: Judy Hayward 802.674.6752 jhayward@restoremedia.com

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New York Oct. 21-22, 2011, at The General Society of Mechanics and Tradesmen Washington, DC Dec. 1-2, 2011, Venue: TBD





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Early New England Homes by Country Carpenters creates unique timber ceiling systems.

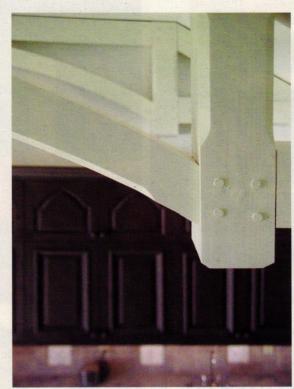
Free State Timbersmiths 913-897-5262; Fax: 913-897-1459 www.freestatetimbersmiths.com Stilwell, KS 66085

Custom fabricator & distributor of timber frames: recycled timbers; trusses; timber-frame restoration.

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419-368-0008; Fax: 419-368-6080 www.hochstetlermilling.net Loudonville, OH 44842 Supplier of new barn timbers: oak up to 40 ft.

long; planed & rough sawn; 2x6 & 1x6 tongue-&groove knotty pine.



This brace detail from a structural truss shows the work of Hugh Lofting Timber Framing.

### Hugh Lofting Timber Framing, Inc. 610-444-5382; Fax: 610-444-2371 www.hughloftingtimberframe.com West Grove, PA 19390

Designer & manufacturer of timber frames: private homes, additions, barns, studios, arbors & more; mortise-&-tenon joinery; many wood species.



Liberty Head Post & Beam designed this timber-frame residence.

### Liberty Head Post & Beam

802-434-2120; Fax: 802-434-5666 www.libertyheadpostandbeam.com Huntington, VT 05462 Custom designer of timber-frame houses, barns & outbuildings authentically joined in the Vermont tradition: new structures & historic renovation.

#### Longwood Antique Woods

859-233-2268; Fax: 859-455-9629 www.longwoodantiquewoods.com Lexington, KY 40505

Supplier of antique flooring & vintage building materials: hand-hewn barn frames for home conversions, antique log homes & cabins; large variety of timbers & beams; antique stall doors from famous Kentucky farms; reclaimed brick.

#### Sand Creek Post & Beam

888-489-1680; Fax: 402-833-5602 www.sandcreekpostandbeam.com Wayne, NE 68787

Manufacturer of post-&-beam barns & outbuildings: pre-engineered kits; customizable; Ponderosa & southern yellow pine; other woods upon request; new online barn store.

### South County Post & Beam

800-471-8715; Fax: 401-783-4494 www.scpb.com West Kingston, RI 02892

Full-service timber-frame company: designer, producer & installer of timber-frame homes, barns, structures & components; frame & panel packages available nationally; wood flooring; since 1976.



This pool house in Westport, CT, was built by South County.



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## Woodwork

### Abatron, Inc.

800-445-1754; Fax: 262-653-2019 www.abatron.com Kenosha, WI 53144

Manufacturer of epoxy wood-restoration system: LiquidWood penetrating wood consolidant hardens deteriorated wood & WoodEpox wood-replacement compound for filling & rebuilding; AboCrete epoxy patching & resurfacing cement/grout.



WoodEpox from Abatron can be used to repair wood elements.

### **Decorators Supply Corp.**

773-847-6300; Fax: 773-847-6357 www.decoratorssupply.com Chicago, IL 60609

Manufacturer of classic architectural elements: plaster crowns, ceiling medallions, ceilings, niches & swags; 13,000 appliqués for woodwork/ furniture; 900 sizes of column capitals, pilaster capitals, corbels & columns; 15 styles of traditional wood mantels; classically inspired grilles; since 1883.

### **Enkeboll Designs**

800-745-5507; Fax: 310-532-2042 www.enkeboll.com Carson, CA 90746

Manufacturer of architectural woodcarvings: moldings, corbels, columns, capitals, moldings, arches, panels, mantels, onlays & more; over 1,000 items produced from North American hardwoods; \$50 catalog refundable upon first order;

### **Goddard Spiral Stairs**

800-536-4341; Fax: 785-689-4303 www.spiral-staircases.com Logan, KS 67646

Custom fabricator of all types of spiral stairs: steel, steel/wood or all-wood; custom railing & wood stair parts.



Goddard fabricates spiral staircases in oak, pine and other species.



This floral wood panel is one of many woodcarvings available from Enkeboll Designs.

### Heritage Wide Plank Flooring

877-777-4200; Fax: 631-996-5022 www.hwpf.com Riverhead, NY 11901 Supplier of wide-plank flooring: old-growth eastern white pine, heart pine, red pine, birch, cherry, walnut, hickory, white oak & maple; custom wood paneling; mills reclaimed lumber from old structures.



This guest house in Sagaponack, NY, features reclaimed mushroom wood walls and beams from Heritage Wide Plank Flooring.

### Hochstetler Milling, Ltd.

419-368-0008; Fax: 419-368-6080 www.hochstetlermilling.net Loudonville, OH 44842 Supplier of new barn timbers: oak up to 40 ft. long; planed & rough sawn; 2x6 & 1x6 tongue-&groove knotty pine.

### Lumber Liquidators, Inc.

800-HARDWOOD; Fax: 757-566-0621
www.lumberliquidators.com
Toano, VA 23168
Manufacturer of hardwood flooring: exotic & domestic wood; Bellawood comes with a 50-year warranty; cork flooring; grilles; maple & cherry butcher blocks; 75 locations nationwide.

### **Palladio Mouldings**

888-668-5348; Fax: 905-305-0001 www.palladiomouldings.com New York, NY 10174

Designer & manufacturer of a complete line of architectural plaster moldings: produced in house by skilled craftsmen; engineers & fabricates custom interior architectural ornamentation working from any reference material.

### Poxywood Inc.

276-638-6284; Fax: 276-638-8950 www.poxywood.com Martinsville, VA 24115

Supplier of a patented epoxy putty wood paste: nonshrinking, fast-setting, weatherproof & washable; has a consistent density & good adhesion; can be finished or tinted with Poxywood tinting concentrates.

### Putnam Rolling Ladder Co., Inc.

212-226-5147; Fax: 212-941-1836 www.putnamrollingladder.com New York, NY 10013

Custom manufacturer of rolling ladders: ash, oak, birch, maple, cherry, mahogany, walnut & teak; for libraries, offices, stores, wine cellars & lofts; local installation.



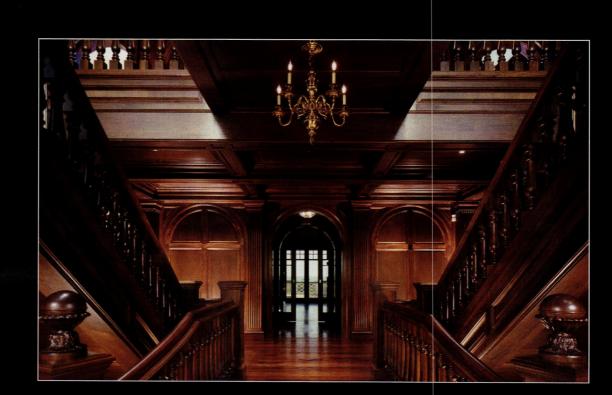
Putnam Rolling Ladder custom manufactures ladders in oak, ash, maple, cherry, mahogany, walnut or birch.



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Manufacturer of decorative & functional castiron, brass, aluminum & wood grilles: historic & contemporary designs for forced air & high velocity systems; large selection of sizes in stock.

### The Wine Rack Company

845-658-7181; Fax: 845-658-5309 www.thewinerackcompany.com High Falls, NY 12440

Manufacturer & retailer of wine-storage products & wine-related accessories: designer & builder of custom wine cellars; residential racking systems made of non-aromatic cedar, pine, redwood, mahogany & oak. U.S. Shutter Company 817-975-9333; Fax: 817-886-7262 www.usshutter.com Fort Worth, TX 76114 Supplier of shutters: plantation style hardwood, moveable & fixed louvers; interior & exterior; hardware; molding & more.

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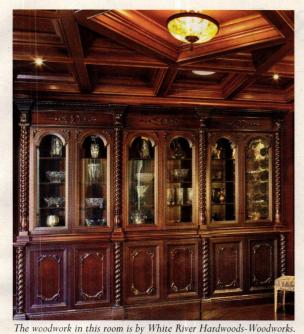
- Restoration & Renovation
- Adaptive Reuse &/or Sympathetic Addition
- New Design & Construction less than 5,000 sq.ft.
- New Design & Construction more than 5,000 sq.ft.
- Exterior Spaces: Gardens & Landscapes
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For details on the Awards program, judging criteria and submission requirements, go to

www.palladioawards.com



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800-558-0119; Fax: 479-444-0406 www.whiteriver.com Fayetteville, AR 72701 Manufacturer of architectural millwork: Mon Reale moldings, authentic hand-carved line of adornments for cabinetry & furniture in linden, cherry & maple;

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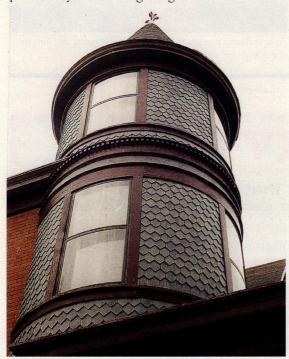
# Green Building Products & Services

## **Green Doors & Windows**

## Allied Window, Inc.

800-445-5411; Fax: 513-559-1883 www.alliedwindow.com Cincinnati, OH 45241

Manufacturer of "invisible" interior/exterior aluminum storm windows: all custom shapes & colors; screens; magnetic, sliding, lift-out & mechanical fastenings; UV-resistant, low-E, tempered, acrylic & lexan glazing.



Allied Window designed and fabricated the bowed storm windows for this historic home.

## **Climate Seal**

952-448-5300; Fax: 952-448-2613 www.climateseal.com Chaska, MN 55318

Manufacturer of storm windows: interior, magnetic; Thermal, Acoustic, Preservation & Pro series; installs in existing window cavity.



An interior storm from Climate Seal provides insulation while protecting the appearance of this historic window.

## Coppa Woodworking

310-548-4142; Fax: 310-548-6740 www.coppawoodworking.com San Pedro, CA 90731 Manufacturer of wood screen & storm doors: more than 300 styles; custom sizes, several wood types & multiple finishes; arch tops, dog doors, wood window screens & storm windows.

## **Grabill Windows & Doors**

810-798-2817; Fax: 810-798-2809 www.grabillwindow.com Almont, MI 48003

Custom manufacturer of all-wood, bronze- or aluminum-clad windows & doors: casements, tiltturn, European in-swing & historically accurate double-hung windows; lift-slide, pivot & bi-fold doors; Grabill Green sustainability initiatives.



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## Innerglass Window Systems

800-743-6207; Fax: 860-651-4789 www.stormwindows.com Simsbury, CT 06070

Manufacturer of custom glass interior storm windows for energy conservation & soundproofing: maintains the integrity of historic windows; conforms to opening; do-it-yourself installation.

## Kolbe & Kolbe Millwork Co.

800-955-8177; Fax: 715-845-8270 www.kolbe-kolbe.com Wausau, WI 54401

Manufacturer of wood, aluminum-clad & vinyl energy-efficient windows & doors: custom styles; variety of colors & wood species; many products designed as historic replications.

## Marvin Windows and Doors

888-537-7828; Fax: 651-452-3074 www.marvin.com Warroad, MN 56763

Manufacturer of all-wood & clad-wood windows & doors: round top, oval, casement & double hung; custom shapes & historic window replication; dual durometer, bulb & leaf weather stripping; storm windows; numerous design choices & glazing options.

## Mon-Ray, Inc.

800-544-3646; Fax: 763-546-8977 www.monray.com Minneapolis, MN 55427 Manufacturer of DeVAC aluminum windows: replacement or secondary systems; operating double-hung, slider & fixed openings; custom radius shapes matched (round top, arch, Gothic

& more); 1/8- to 1/2-in. glazing thickness.

## Parrett Windows & Doors

800-541-9527; Fax: 877-238-2452 www.parrettwindows.com Dorchester, WI 54425

Manufacturer of custom wood & aluminum-clad windows: any geometric shape, numerous wood species & complete finishing capabilities; historical replications; custom wood doors in numerous species with complete finishing options; screen doors, casings & moldings.

## Seekircher Steel Window Repair Corp.

914-734-8004; Fax: 914-734-8009 www.seekirchersteelwindow.com Peekskill, NY 10566

Repairer of steel casement windows: performed on location; more than 7,000 windows repaired annually in 26 states; large collection of vintage steel casement windows, doors & hardware; family-owned business established in 1977.



This vintage 1930s steel window was restored by Seekircher.

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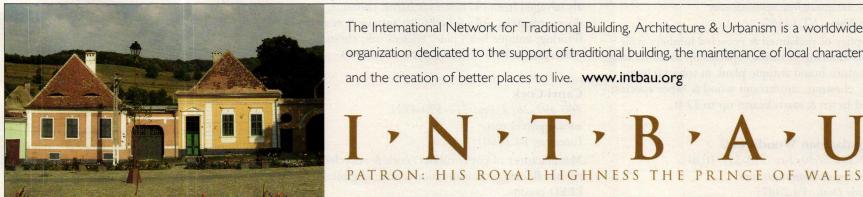
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structural walls.







## Vintage Woodworks

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

Supplier of Victorian millwork: western red cedar shingles, porch parts, columns, turned & sawn balusters, railings, brackets, gazebos, cornices, corbels, spandrels, mantels, storm & screen doors & more.

## Weather Shield Mfg. Co.

715-748-2100; Fax: 715-748-0169 www.weathershield.com Medford, WI 54451

Manufacturer of Custom Shield replacement windows: wood & aluminum-clad; individually built to fit existing window openings; "frame within a frame" design allows for easy replacement.



These energy-efficient clad-aluminum windows and doors are available from Weather Shield.

## Weston Millwork Co.

816-640-5555; Fax: 816-386-5555 www.westonmillwork.com Weston, MO 64098

Custom fabricator of wood doors, door frames & complete entryways: paneled, louvered, French, pocket & art-glass doors; wood windows; framed-ledge, screen & storm doors; moldings, millwork & art-glass lites.

## **Green Flooring**

## Antique & Vintage Woods of America

518-398-0049; Fax: 518-398-4011 www.antiqueandvintagewoods.com

Pine Plains, NY 12567

Supplier of reclaimed & recycled lumber: wideplank flooring in various species up to 20 ft. long; Signature brand antique plank in tobacco barn oak, chestnut, mushroom wood & other species; hand-hewn & sawn beams up to 42 ft.

## Appalachian Woods, LLC

800-333-7610; Fax: 540-337-1030 www.appalachianwoods.com Stuarts Draft, VA 24477

Manufacturer of wide-plank reclaimed & traditional wood flooring: antique wood flooring in reclaimed heart pine, antique wormy chestnut & barn-board oak; traditional plank flooring in rustic oak, cherry, hickory, walnut & locust.

## Bear Creek Lumber

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

Supplier of wood flooring, paneling, roofing, fencing, new & recycled timbers & decking: hand-split, machine-cut & fancy-cut butt fire- & rot-retardant-treated shakes & shingles; quartersawn clapboard & siding; post & beam.



Bear Creek Lumber provided the bamboo flooring for this hallway.

#### Board & Beam

860-868-6789; Fax: 860-868-0721 www.boardandbeam.com Washington Depot, CT 06793 Supplier of antique barns, lumber & flooring: hand-hewn beams; Shaker-style tables in oak, white & yellow pine & chestnut; restoration of Colonial structures.

## Brandt, Sylvan

717-626-4520; Fax: 717-626-5867 www.sylvanbrandt.com Lititz, PA 17543 Supplier of 18th- & 19th-century building materials salvaged from old houses & barns: columns, doors, mantels, sinks & bathtubs; antique & resawn flooring; antique heart pine, ancient oak, chestnut, white pine & hemlock; radiators; since 1960.

## Capri Cork

800-492-2613; Fax: 717-390-4721 www.capricork.com Lancaster, PA 17601 Manufacturer of cork, rubber/cork & recycled rubber flooring: custom color & size; eligible for LEED credits.



Capri Corp offers a selection of cork and recycled rubber floor tile.

## **Carlisle Restoration Lumber**

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

Manufacturer of wide-plank flooring & paneling: crafted from hand-selected old growth & antique woods; widths up to 20 in. & lengths up to 16 ft.; antique oak, chestnut & heart pine; originalsurface barn siding & milled barn siding.



Antique oak floor boards from Carlisle Restoration Lumber were used to create this floor.

## Carlson's Barnwood Co.

309-522-5550; Fax: 309-522-5123 www.carlsonsbarnwood.com Cambridge, IL 61238

Supplier of recycled barn-wood planks, re-milled antique flooring, dimensional lumber & timbers in various shades & types: cupolas, porch poles, siding, milled & barn lumber, flooring & paneling in pine & oak.

## **Centre Mills Antique Floors**

717-677-9698; Fax: 717-334-6223 www.centremillsantiquefloors.com Aspers, PA 17304

Manufacturer & distributor of wide-plank, wood flooring from antique barns: weathered barn siding, hewn barn timbers; oak, elm, maple & other hardwoods; heart pine flooring from Southern barns; oak, chestnut, walnut & other flooring.

## Chestnut Specialists, Inc.

860-283-4209; Fax: Same as phone www.chestnutspec.com Plymouth, CT 06782

Supplier of re-milled flooring from antique barn lumber: authentic antique planks, hewn beams, weathered siding, original flooring, antique heavy timber & salvaged logs for milling.



Chestnut Specialists manufactured this flooring, which is a combination of re-milled chestnut, and red and white oak.

## **Conklin's Authentic Antique Barnwood**

570-465-3832; Fax: 570-465-3835 www.conklinsbarnwood.com Susquehanna, PA 18847

Wholesale distributor of antique barn wood & hand-hewn beams: wide-board, strip & randomwidth flooring; white pine, chestnut, antique heart pine, pine, antique oak & hemlock; hewn rafters, pole rafters & half-rounds.



Conklin's Authentic Barnwood supplied this skimmed pine and hemlock flooring, which is made from reclaimed wood.

**Country Road Associates, Ltd.** 845-677-6041; Fax: 845-677-6532 www.countryroadassociates.com Millbrook, NY 12545 Supplier of 19th-century reclaimed flooring materials: white pine, hemlock, heart pine, white oak, chestnut & walnut; widths from 3-18 in.; hand-hewn beams & barn siding; cabinetry & farm tables.



Authentic 19th-century reclaimed barn wood from Country Road Associates in pine, hemlock, chestnut and other species can be used as flooring.

## Craftsman Lumber Co.

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

Custom manufacturer of wood flooring & paneling: 6-26 in. wide; antique heart pine, antique chestnut, eastern white pine, red pine, northern red oak, white oak, cherry, walnut & ash; all material dried & machined on premises.

## Echeguren Slate, Inc.

415-206-9343; Fax: 415-206-9353 www.echeguren.com San Francisco, CA 94124

Importer & distributor of slate, sandstone & quartzite products: tiles from 6x6 in. to 24x24 in.; flagging, pavers, dimensional slabs & roofing; new & salvaged slate.

## Endurawood

503-233-7090; Fax: 503-233-7091 www.endurawood.com Portland, OR 97214 Supplier of regional, certified & reclaimed wood products: from FSC forests; flooring, lumber, countertops, stair parts, wall panels & more.



Made of cork supplied by Globus Cork, this floor is designed to look like traditional wood flooring.

## **Globus Cork**

718-742-7264; Fax: 718-742-7265 www.corkfloor.com Bronx, NY 10454 Manufacturer of cork flooring: many patterns & styles; environmentally friendly renewable material.

### Goodwin Heart Pine Co.

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

Manufacturer of antique river-recovered heart pine & heart cypress reclaimed from Southern rivers: for flooring, stair parts, furniture & moldings; building-reclaimed wood; custom orders; 15 grades.



This antique reclaimed wood flooring was supplied by Goodwin Heart Pine.

## Heritage Wide Plank Flooring

877-777-4200; Fax: 631-996-5022 www.hwpf.com Riverhead, NY 11901

Supplier of wide-plank flooring: old-growth eastern white pine, heart pine, red pine, birch, cherry, walnut, hickory, white oak & maple; custom wood paneling; mills reclaimed lumber from old structures.



The board-wrapped beams and reclaimed oak flooring in this room were supplied by Heritage Wide Plank Flooring.

## Longleaf Lumber, LLC

617-871-6611; Fax: 617-871-6615 www.longleaflumber.com Cambridge, MA 02138

Supplier of antique lumber & flooring: wideboard & random-width flooring; stair parts; custom milling; longleaf heart pine, chestnut, antique eastern white pine & other woods; wideplank & random-width boards; cork flooring.

## Lumber Liquidators, Inc.

800-HARDWOOD; Fax: 757-566-0621 www.lumberliquidators.com Toano, VA 23168

Manufacturer of hardwood flooring: exotic & domestic wood; Bellawood comes with a 50-year warranty; cork flooring; grilles; maple & cherry butcher blocks; 75 locations nationwide.

## Mayse Woodworking Co.

888-566-4532; No Fax 319 Richardson Rd. Lansdale, PA 19446

Manufacturer of 7%-in. tongue-and-groove flooring (2½ in. to 15 in.) from recycled, old-growth heart-pine antique timbers; stair parts & custom milling; wide-board, strip & random-width flooring in antique heart pine.

## Mill Valley Bamboo Associates

415-925-1188; Fax: 415-925-6088 14 E. Sir Francis Drake Blvd. Larkspur, CA 94939

Manufacturer of bamboo flooring: formaldehydefree; custom specifications available; more than 60 styles.

## Mountain Lumber Co.

800-445-2671; Fax: 434-985-4105 www.mountainlumber.com Ruckersville, VA 22968

Supplier of antique, globally reclaimed solid & pre-finished flooring, beams & architectural details: American chestnut, ancient Chinese elm, Cooper's oak, Historic Heart Pine & antique American oak; eco-friendly manufacturing.



Old Wood Workshop supplied this 3- to 7-in.-wide resawn antiquechestnut flooring for a kitchen renovation.

## Old Wood Workshop, LLC

860-655-5259; No fax www.oldwoodworkshop.com Pomfret Center, CT 06259

Supplier of antique reclaimed & resawn wood flooring & vintage building materials: hand-hewn beams, antique doors & period iron hardware; manufacturer of custom tables & countertops in antique wood; mantels.

## **Pioneer Millworks**

585-924-9970; Fax: 585-924-9962 www.pioneermillworks.com Farmington, NY 14425 Supplier of custom-sawn & -planed reclaimed timbers: for flooring, trim, doors, stairs, paneling &



This flooring is American Gothic beech from Pioneer Millworks; it was salvaged from old barn timbers.

## The Woods Co.

888-548-7609; Fax: 717-263-9346 www.thewoodscompany.com Chambersburg, PA 17201 Manufacturer of wide-plank flooring from new wood & re-milled antique wood: heart pine, oak, chestnut & yellow & white pine; surface-textured flooring; antique beams; stair treads & risers, floor vents, siding, paneling & more.

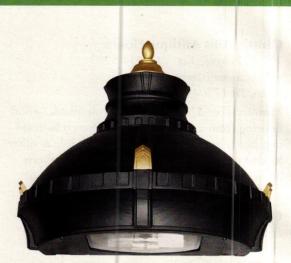
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Austin, TX 78716
Manufacturer of antique longleaf pine flooring:
Old Reveal, a rustic-grade floor that displays old saw marks; clear, defect-free quartersawn flooring; timbers.

## **Green Lighting & Electrical**

Architectural Area Lighting, Inc. 626-968-5666; Fax: 626-369-2695 www.aal.net City of Industry, CA 91745

Manufacturer & supplier of exterior lighting: architectural, decorative, high performance, dark-sky friendly; contemporary & traditional outdoor luminaires & poles; a carbon-neutral manufacturer.



Architectural Area Lighting's Cubic Indirect is available with efficient LEDs, induction and metal halide sources.

## Ball & Ball Lighting

610-363-7330; Fax: 610-363-7639 www.ballandball.com Exton, PA 19341

Manufacturer of historical lighting fixtures: lanterns, sconces, table/floor lamps, chandeliers & pendants; porch & gas lighting; brass, tin, copper, pewter, iron & bronze; restoration & refitting; stock & custom.

## Bevolo Gas & Electric Lights

504-522-9485; Fax: 504-522-5563 www.bevolo.com New Orleans, LA 70130 Fabricator of hand-riveted, antique-copper pro-

pane, electric & natural-gas fixtures: Colonial, Victorian, Turn of the Century & Mediterranean styles; restoration.



The Napoleon House gas light fixture is available from Bevolo.

## Lantern Masters, Inc.

818-706-1990; Fax: 818-706-1988 www.lanternmasters.com Westlake Village, CA 91362

Custom designer & manufacturer of lighting: chandeliers, sconces, pendants & lanterns; both gas and electric available; French, Tuscan, Spanish Revival, Tudor, contemporary, antique reproduction & more.

## Rejuvenation

888-401-1900; Fax: 800-526-7329 www.rejuvenation.com Portland, OR 97210

Manufacturer of period-style lighting & hardware: door, bath, window & cabinet hardware; Victorian, Colonial Revival, Neoclassical, Arts & Crafts, Art Deco & Atomic Age; 12 finishes; direct delivery.

## **Remains Lighting**

646-723-2483; No fax www.remains.com

Brooklyn, NY 11206 Custom lighting manufacturer & supplier of antique lighting: E.F. Caldwell & Co., Sterling Bronze Co. & Bradley & Hubbard; new wall & ceiling fixtures; chandeliers, lanterns, sconces & table & floor lamps; period lighting; UL certified.



This multi-arm Astrid chandelier is one of many found in the antique collection of Remains Lighting.

## **Thomas Lighting**

502-420-9625; Fax: 502-420-9640 www.thomaslighting.com Burlington, MA 01803 Supplier of traditional lighting fixtures: indoor & outdoor fixtures; Hampshire collection features energy-saving lamps.

## Westinghouse Lighting Corp.

800-999-2226; Fax: 215-464-4115 www.westinghouselighting.com Philadelphia, PA 19154

Manufacturer of compact fluorescent lamps (CFLs): integral-ballast, screw-in & plug-in CFL replacements; dimming, 3-way, photo-sensing, full-spectrum, globe, interior & exterior flood CFLs; various sizes & wattages.

## Green Exteriors – Roofing, Siding & Decking

## Advantage Trim & Lumber Co, Inc

716-827-3916; Fax: 716-827-3916 www.advantagelumber.com Buffalo, NY 14203 Supplier of Ipe decking, hardwood lumber & flooring: domestic & exotic wood species.

## **AZEK Building Products Inc.**

877-275-2935; Fax: 570-504-1215 www.azek.com Moosic, PA 18507 Manufacturer of low-maintenance exterior building products: AZEK Trim, AZEK Mouldings & AZEK Deck.

## **Bear Creek Lumber**

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

Supplier of wood flooring, paneling, roofing, fencing, new & recycled timbers & decking: hand-split, machine-cut & fancy-cut butt fire- & rot-retardant-treated shakes & shingles; quartersawn clapboard & siding; post & beam.

## Carlson's Barnwood Co.

309-522-5550; Fax: 309-522-5123 www.carlsonsbarnwood.com Cambridge, IL 61238

Supplier of recycled barn-wood planks, re-milled antique flooring, dimensional lumber & timbers in various shades & types: cupolas, porch poles, siding, milled & barn lumber, flooring & paneling in pine & oak.

## Cedar Shake & Shingle Bureau

604-820-7700; Fax: 604-820-0266 www.cedarbureau.org Sumas, WA 98295

Trade association: literature, design & application data for cedar roofing & siding; information on pressure impregnation for preservative & fire-retardant-treated materials & 20- to 25-year limited warranty.



A Cedar Shake & Shingle Bureau member provided the cedar roofing for this house; the shakes are lightweight and have a high insulation value.

## Chestnut Specialists, Inc.

860-283-4209; Fax: Same as phone www.chestnutspec.com Plymouth, CT 06782 Supplier of re-milled flooring from antique barn lumber: authentic antique planks, hewn beams, weathered siding, original flooring, antique heavy timber & salvaged logs for milling.

## CorrectPorch

877-332-5877; No fax www.correctporch.com Biddeford, ME 04005 Manufacturer of tongue-&-groove composite parch flooring: combines the traditional look

porch flooring: combines the traditional look of wood with the durability & low maintenance of composite material.

## Durable Slate Co., The

800-666-7445; Fax: 614-299-7100 www.durableslate.com Columbus, OH 43201 Supplier of salvaged slate & clay tile roofing materials: can match colors & styles no longer produced.



Durable Slate installed this slate roof using reclaimed Vermont semiweathered gray-green and purple slates.

## GAF

973-628-3000; Fax: 973-628-3865 www.gaf.com Wayne, NJ 07470

Manufacturer of roofing: Timberline fiberglass asphalt shingle with wood look; Slateline imitation-slate shingles; Country Mansion shingles with natural-stone or slate look; metal roofing; stone veneer.

## Gladding, McBean, Div. of Pacific Coast Bldg. 800-776-1133; Fax: 916-772-6718

www.gladdingmcbean.com Roseville, CA 95747

Manufacturer of clay roof tile, terra cotta, chimney tops & caps, cornices, balustrades, piazza floor tile & garden pottery: CAD drawings; color matching.



Gladding, McBean's 18-in. Cordova Franciscan Blend Mudded was used on this building.

## Greenstone Slate Co., Inc.

802-287-4333; Fax: 802-287-5720 www.greenstoneslate.com Poultney, VT 05764

Quarrier of Vermont roofing slate: wide range of sizes, colors & weights; slate matching, graduated roofs, blending & contrasting; all effects.



Greenstone Slate offers energy-saving roofing such as this natural Vermont slate installation with integrated solar panels.

## InSpire Roofing Products

866-288-2726; Fax: 800-709-9109 www.inspireroofing.com Wixom, MI 48393

Supplier of roofing: 100% recyclable blend of dolomitic limestone & synthetic resins; 6 profiles; Class-A fire, Class-4 hail & 110-mph-wind uplift ratings; transferable 50-year limited warranty.



Composite slate roofing from InSpire Roofing was used on this roof.

## Liberty Cedar 800-882-3327; Fax: 401-789-0320 www.libertycedar.com W. Kingston, RI 02892

Supplier of decay-resistant wood roofing & siding: tapersawn, hand-split & resawn shakes; many patterns; custom runs; western red & Alaska yellow cedar, redwood, Douglas fire & mahogany; historical projects.

Ludowici Roof Tile, Inc. 800-945-8453; Fax: 740-342-0025 www.ludowici.com New Lexington, OH 43764

Manufacturer of clay roof tile: wide variety of standard shapes, fittings, sizes & colors; matte,

gloss, weathered, fire-flashed, sanded & combed finishes; ceramic slate replicas & slate color matching; custom colors & shapes.



Ludowici Roof Tile's lightweight ceramic shake tile is designed to look like wood and carries a 75-year warranty.

## NIKO Contracting Co., Inc.

412-687-1517; Fax: 412-687-7969 www.nikocontracting.com Pittsburgh, PA 15213

Nationwide contractor, fabricator & installer of architectural sheet metal & roofing: slate, tile, metal & other roofing; ornamental ceilings, cresting, finials, cornices, cupolas, domes, steeples & snowguards.



Reclaimed Roofs supplied a blend of new Vermont Gray and Gray-Black slate for this roof in Chadds Ford, PA.

## **Reclaimed Roofs, Inc.**

302-369-9187; Fax: 302-397-2742 www.reclaimedroofs.com Greenville, DE 19807 Supplier of hard-to-find roofing slate & tile: reclaimed; clay & concrete tile; rigid mineral fiber shingles; matching services.



Renaissance Roofing provides salvaged clay tile for new construction, historical restoration and repair.

## Renaissance Roofing, Inc.

800-699-5695; Fax: 815-547-1425 www.claytileroof.com Rockford, IL 61125

Supplier of clay, concrete & salvaged tile; new and salvaged slate-roofing materials; database with over 2.5 million sq.ft. of materials available. Experienced in all phases of roof restoration.

## Santafe Tile Corp.

888-305-8453; Fax: 305-888-0050 www.santafetile.com Miami, FL 33178

Manufacturer of clay brick pavers, clay roof tile & roof tile accessories: matte & gloss finishes; variety of shapes; more than 50 different colors plus custom colors.



Energy-rated roof tile is available from Santafe Tile Corp. in a variety of finishes.

## Green Mechanical Systems & Plumbing

## ClimateMaster

405-745-6000; Fax: 405-745-6058 www.climatemaster.com Oklahoma City, OK 73179 Manufacturer of ground-source heat pumps: for commercial & residential use.

#### TOTO USA, Inc.

888-295-8134; Fax: 770-282-0002 www.totousa.com Morrow, GA 30260 Manufacturer of energy-efficient plumbing: water-saving toilets & more.

## Unico System, Inc.

800-527-0896; Fax: 314-457-9000 www.unicosystem.com Saint Louis, MO 63111 Supplier of mini-duct system: has small flexible hoses for retrofitting HVAC systems into old buildings.



Unico's small-duct, high-velocity HVAC system takes less than ¼ the space of a traditional system, making it ideal for historic buildings.

## **Green Structural Systems** & Insulation

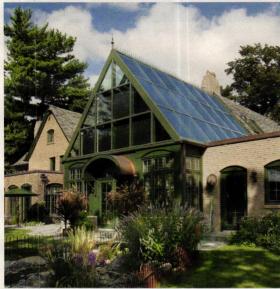
## **FischerSips Inc.**

800-792-7477, 50 1843 Northwestern Pkwy. Louisville, KY 40203 Top quality panels sheathed with OSB, drywall, fiberbond, pine T1-11, or pine tongue-and-groove.

## Major Industries, Inc.

888-759-2678; Fax: 715-848-3336 www.majorskylights.com Wausau, WI 54401

Manufacturer of skylights & translucent insulated wall panels: skylights can be glazed in glass, acrylic, polycarbonate twin-wall & translucent fiberglass; thermoformed acrylic domes (such as pyramids) & more.



Auburn glass is one of the daylighting solutions available from Major Industries.

## **Premier Building Systems**

800-275-7086; Fax: 253-926-3992 www.pbssips.com Tacoma, WA 98424

Manufacturer of structural and non-structural EPS Foam panels for floors, walls, and roofs. Provides fast, efficient construction of highly insulated, insect-repellant exterior walls and roofs.



Structural insulated panels for walls are available from Premier Building Systems.

## **Green Paints & Finishes**

## American Clay Enterprises, Inc.

866-404-1634, Fax: 505-244-9332 www.americanclay.com Albuquerque, NM 87113 Supplier of finishes for walls & ceilings: made of

clays, aggregates & natural pigments; alternative to plaster & gypsum; non-flammable, resists mold; Marittimo finish made of reclaimed shells.

## Benjamin Moore & Co.

800-344-0400; Fax: 201-474-1117 www.benjaminmoore.com Montvale, NJ 07645 Supplier of Eco-Spec low-VOC, 100% acrylic, interior latex paint: available in primer/sealer, flat, eggshell & semi-gloss.

## Cohalan Company, Inc.

302-684-3299; Fax: 302-684-5974 www.keimmineralsystems.com Lewes, DE 19958 Supplier of Keim mineral silicate paint: produces organic 'liquid stone' finish; exterior & interior products; 370 standard plus custom colors.

## Dumond Chemicals, Inc.

212-869-6350; Fax: 212-764-5762 www.peelaway.com New York, NY 10036 Manufacturer of paint removers: Peel Away 6 & 7 made from biodegradable materials; contain

non-hazardous dibasic ester solvent rather than

Dumond

Chemicals' Peel

Away paste and

Peel Away cloth

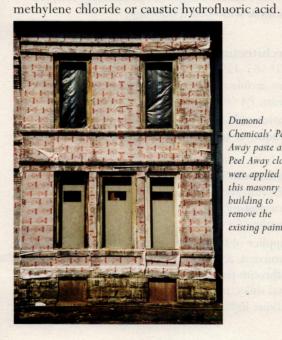
were applied to

this masonry

building to

remove the

existing paint.



## **Fine Paints of Europe** 800-332-1556; Fax: 802-457-3984 www.finepaintsofeurope.com Woodstock, VT 05091

Importer & distributor of oil-based paints from Holland: full line of finishes ranging from matte wall & ceiling paint to brilliant gloss enamel; custom tinting.

## Old Fashioned Milk Paint Co., The

866-350-MILK; Fax: 978-448-2754 www.milkpaint.com Groton, MA 01450

Manufacturer & worldwide distributor of genuine milk paint: all natural & zero VOCs; 20 historic colors; comes in powder form; add water & mix to desired consistency; SafePaint for walls now available; since 1974.

## Real Milk Paint Co. LLC, The

1-800-339-9748, Fax: 215-538-5435 www.realmilkpaint.com Quakertown, PA 18951 Manufacturer of authentic milk paint & pure tung-oil wood finishes: paint in 28 colors; tung oil can be used on stone & metal.

## Sutherland Welles Ltd.

800-322-1245; Fax: 802-635-2722 www.tungoilfinish.com North Hyde Park, VT 05665

Manufacturer of pure, low-toxic polymerized tung-oil finishes: for wood or any porous surface; creates a hand-rubbed, old-world patina; easy to apply & maintain; extensive technical support.



This wood floor was finished with Sutherland Welles' polymerized tung oil.

## TransMineral USA, Inc.

707-769-0661; Fax: 707-769-0352 www.limes.us Petaluma, CA 94952 Importer & distributor of natural hydraulic lime from France: lime paints, plasters & stuccos.

## **Green Adhesives, Caulking** & Sealants

#### Abatron, Inc.

800-445-1754; Fax: 262-653-2019 www.abatron.com Kenosha, WI 53144

Manufacturer of epoxy wood-restoration system: LiquidWood penetrating wood consolidant hardens deteriorated wood & WoodEpox wood-replacement compound for filling & rebuilding; AboCrete epoxy patching & resurfacing cement/grout.



Used for restoring deteriorated wood, Abatron's LiquidWood $\mathbb{R}$  and WoodEpox $\mathbb{R}$  are GREENGUARD certified, which means they were independently tested and found to have extremely low emissions of hazardous air pollutants.

## Armacell LLC

919-304-3846; Fax: 919-304-3720 www.armacell.com Mebane, NC 27302

Supplier of low-VOC spray adhesive: hexane-& toulene-free Armaflex 520 BLV; used with HVAC sheet & roll insulation; no chlorinated solvents or ozone-depleting compounds.

## Green Glue Co.

866-435-8893; Fax: 701-232-1332
www.greengluecompany.com
Granville, NY 12832
Supplier of noise-reduction products: Green glue
compound & sealant; noise-proofing clips; joist tape.

#### Siroflex

864-458-9094; Fax: 864-458-9092 www.siroflexinc.com Greenville, SC 29616 Manufacturer of caulks & sealants: over 100 stock

colors available.



Hybrifix is one of the many caulk options available from Siroflex.

## Salvaged & Recycled Materials

Antique & Vintage Woods of America 518-398-0049; Fax: 518-398-4011 www.antiqueandvintagewoods.com Pine Plains, NY 12567

Supplier of reclaimed & recycled lumber: wideplank flooring in various species up to 20 ft. long; Signature brand antique plank in tobacco barn oak, chestnut, mushroom wood & other species; hand-hewn & sawn beams up to 42 ft.



Antique & Vintage Woods of America supplied the salvaged beams for this building.

## Antique Lumber Corp.

617-548-1829; Fax: 617-884-5120 www.antiquelumber.net Chelsea, MA 02150 Supplier of vintage wood: antique & salvaged timbers & boards; antique wood flooring; randomwidth & wide-board flooring.

## Architectural Salvage Network

610-565-4594; No fax www.architecturalsalvagenetwork.net Media, PA 19063 Nationwide locating service for architectural antiques & salvaged building materials.

## **Bathroom Machineries**, DEA

209-728-2031; Fax: 209-728-2320 www.deabath.com Murphys, CA 95247 Supplier of Early American & Victorian bathroom fixtures & accessories: antique & reproduction bathroom fixtures; tubs, high-tank toilets, ped-

fixtures & accessories: antique & reproduction bathroom fixtures; tubs, high-tank toilets, pedestal sinks, medicine cabinets, mirrors & more; antique lighting.

#### Board & Beam

860-868-6789; Fax: 860-868-0721 www.boardandbeam.com Washington Depot, CT 06793 Supplier of antique barns, lumber & flooring: hand-hewn beams; Shaker-style tables in oak, white & yellow pine & chestnut; restoration of Colonial structures.

#### Brandt, Sylvan

717-626-4520; Fax: 717-626-5867 www.sylvanbrandt.com Lititz, PA 17543

Supplier of 18th- & 19th-century building materials salvaged from old houses & barns: columns, doors, mantels, sinks & bathtubs; antique & resawn flooring; antique heart pine, ancient oak, chestnut, white pine & hemlock; radiators; since 1960.



Sylvan Brandt salvages building materials from 18th- and 19th century structures.

## **Carlisle Restoration Lumber**

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

Manufacturer of wide-plank flooring & paneling: crafted from hand-selected old growth & antique woods; widths up to 20 in. & lengths up to 16 ft.; antique oak, chestnut & heart pine; originalsurface barn siding & milled barn siding.



Salvaged antique lumber from Carlisle is being installed in a building in West Hampton, NY.

#### Carlson's Barnwood Co.

309-522-5550; Fax: 309-522-5123 www.carlsonsbarnwood.com Cambridge, IL 61238

Supplier of recycled barn-wood planks, re-milled antique flooring, dimensional lumber & timbers in various shades & types: cupolas, porch poles, siding, milled & barn lumber, flooring & paneling in pine & oak.

## Centre Mills Antique Floors

717-677-9698; Fax: 717-334-6223 www.centremillsantiquefloors.com Aspers, PA 17304

Manufacturer & distributor of wide-plank, wood flooring from antique barns: weathered barn siding, hewn barn timbers; oak, elm, maple & other hardwoods; heart pine flooring from Southern barns; oak, chestnut, walnut & other flooring.

## Chestnut Specialists, Inc.

860-283-4209; Fax: Same as phone www.chestnutspec.com Plymouth, CT 06782

Supplier of re-milled flooring from antique barn lumber: authentic antique planks, hewn beams, weathered siding, original flooring, antique heavy timber & salvaged logs for milling.

## **Conklin's Authentic Antique Barnwood**

570-465-3832; Fax: 570-465-3835 www.conklinsbarnwood.com Susquehanna, PA 18847

Wholesale distributor of antique barn wood & hand-hewn beams: wide-board, strip & randomwidth flooring; white pine, chestnut, antique heart pine, pine, antique oak & hemlock; hewn rafters, pole rafters & half-rounds.



Recycled wood from Conklin's was used to create the skimmed barnwood flooring, pole rafters, hewn ridge beams and mantels in this rustic family room.

## Country Road Associates, Ltd.

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

Supplier of 19th-century reclaimed flooring materials: white pine, hemlock, heart pine, white oak, chestnut & walnut; widths from 3-18 in.; hand-hewn beams & barn siding; cabinetry & farm tables.



Along with wide-board and random-width flooring, Country Road Associates also supplies antique wood that can be used for cabinets, furniture and paneling.

## Eco by Cosentino

281-494-7277; Fax: 281-494-7299 www.ecobycosentino.com Stafford, TX 77477

Manufacturer of recycled countertop material: Eco by Cosentino made of 75% recycled materials; mirrors, glass, porcelain & industrial furnace residuals; 10 colors, two textures.



Crystal Ash is one of 10 colors available from Eco by Cosentino; the countertop is made of 75% post-consumer recycled materials.

## **Free State Timbersmiths**

913-897-5262; Fax: 913-897-1459 www.freestatetimbersmiths.com Stilwell, KS 66085

Custom fabricator & distributor of timber frames: recycled timbers; trusses; timber-frame restoration.

## Gavin Historical Bricks Inc.

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

Supplier of authentic antique brick pavers, granite cobblestones, clinker & common brick: custom matching; large quantities; special shapes; handmolded & face brick; nationwide shipping.

## Good Time Stove Co.

413-268-3677; No fax www.goodtimestove.com Goshen, MA 01032

Supplier of antique kitchen ranges & heating stoves: ca. 1840-1930; restored enamel, cast iron, wood & wood/gas combos; electric conversions; wood- & gas-burning fireplaces & stoves.



The Glenwood parlor stove is one of many antique heating stoves available from Good Time Stove.

## House of Antique Hardware

888-223-2545; Fax: 503-233-1312 www.houseofantiquehardware.com Portland, OR 97232

Supplier of door, window, cabinet, furniture, electrical & bath hardware: original antique & vintage reproductions; Federal, Victorian & Arts & Crafts styles; hardware specialists available to assist with renovation projects.

#### Longleaf Lumber, LLC

617-871-6611; Fax: 617-871-6615 www.longleaflumber.com Cambridge, MA 02138 Supplier of antique lumber & flooring: wideboard & random-width flooring; stair parts; custom milling; longleaf heart pine, chestnut, antique eastern white pine & other woods; wideplank & random-width boards; cork flooring.



Longleaf Lumber salvaged and recycled the old-growth timber from this building.

## Longwood Antique Woods

859-233-2268; Fax: 859-455-9629 www.longwoodantiquewoods.com Lexington, KY 40505 Supplier of antique flooring & vintor

Supplier of antique flooring & vintage building materials: hand-hewn barn frames for home conversions, antique log homes & cabins; large variety of timbers & beams; antique stall doors from famous Kentucky farms; reclaimed brick.



Longwood Antique Woods supplies a wide variety of salvaged timbers and beams.

#### New England Timber Works Unlimited, LLC

802-464-8815; Fax: 802-464-8851 www.newenglandtimberworks.com West Dover, VT 05356

Designer & builder of barns & timber-frame structures: antique & salvaged, new & kits; timber trusses, residences, covered porches, hot tub enclosures, pergolas & more; barn plans.

## Old Barn Wood Co.

608-356-8849; No fax www.old-barn-wood.com Baraboo, WI 53913

Supplier of recycled wood from old barns: barn wood, siding & beams; recycled & reclaimed lumber & timber. Paneling & wood ceilings from antique wood. Shipping nationwide.



Pine Hall Brick's StormPave permeable clay paver allows rainwater to filter down through a specially constructed paving system and dissipate into the soil, rather than carry excess pollutants into storm drains; it contains 53% pre-consumer recycled content.

## Pine Hall Brick Co.

800-334-8689; Fax: 336-721-7517 www.pinehallbrick.com Winston Salem, NC 27105

Manufacturer of pavers, face brick, thin brick & special shapes: 40+ face-brick styles; 60+ clay-paver styles including Rumbled, CityCobble, per-meable RainPave & StormPave; since 1922.

## **Pioneer Millworks**

585-924-9970; Fax: 585-924-9962 www.pioneermillworks.com Farmington, NY 14425

Supplier of custom-sawn & -planed reclaimed timbers: for flooring, trim, doors, stairs, paneling & more; heart pine, Douglas fir, oak & other species.

## **Recycling The Past**

609-660-9790; Fax: 800-878-3251 www.recyclingthepast.com Barnegat, NJ 08005

Supplier of antiques & salvaged materials: door hardware, wood flooring, ceramic tile, fencing, interior lighting, mantels, bathroom & kitchen sinks, radiators, toilets, architectural antiques, building materials, glass & more.



This historic salvaged sink is one of many items available from Recycling The Past.

#### Stoneyard.com

978-742-9800; Fax: 978-428-0450 www.stoneyard.com Littleton, MA 01460

Supplier of reclaimed New England fieldstone: veneers, stone walls & landscaping; veneers are available in 5 different shapes; weathered or natural grain face colors.

#### The Woods Co.

888-548-7609; Fax: 717-263-9346 www.thewoodscompany.com Chambersburg, PA 17201

Manufacturer of wide-plank flooring from new wood & re-milled antique wood: heart pine, oak, chestnut & yellow & white pine; surface-textured flooring; antique beams; stair treads & risers, floor vents, siding, paneling & more.

## Vintage Log & Lumber, Inc.

304-497-2700; Fax: 304-497-3651 www.vintagelog.com Renick, WV 24966

Small company specializing in antique hand-hewn log cabins and timber-frame barns: hand-hewn beams, chestnut lumber, antique oak, poplar & pine for flooring & millwork; hand-cut foundation & chimney stone; architectural salvage.

## Vintage Timberworks

951-695-1003; Fax: 951-695-9003 www.vintagetimber.com Temecula, CA 92592

Supplier of recycled & reclaimed old lumber, antique timber, hand-hewn barn beams & boards & salvaged rustic flooring: reclaimed from dismantling antiquated structures throughout the U.S., Canada & Australia; FSC certified.

For a list of LEED Consultants & Architects, go to www.period-homes.com/extras/LEED2011.htm

The World of Traditional Building and Design

# TRADITIONAL BUILDING PORTFOLIO

www.traditionalbuildingportfolio.com

## BOOK REVIEW

# Contemporary and Timeless

## New Traditional Architecture: Ferguson & Shamamian Architects

by Mark Ferguson and Oscar Shamamian with Joseph Giovannini Rizzoli International Publications, New York, NY; 2011 248 pages; hardcover; over 400 full-color photographs and drawings; \$75 ISBN 978-0-8478-3545-4

## Reviewed by Clem Labine

T requires the hand of an exceptionally artful designer to breathe personality and life into that most intimate of all architectural constructions: the one-family residence. In this stunning monograph of the work of Ferguson & Shamamian Architects, we see the art of architecture practiced at its highest level. Just like such fabled early-20th-century firms as Mellor, Meigs & Howe, Harry T. Lindeberg, and Delano & Aldrich, Ferguson & Shamamian Architects has become one of the to "go to" firms for sophisticated clients commissioning finely detailed traditional residences. The proof is beautifully illustrated in this weighty new volume delineating 29 residential masterworks, ranging from new country houses to renovations, additions and city apartments created during 22 years of practice.

Unlike many other top-flight firms, Ferguson & Shamamian does not have a signature design style. Rather, the firm has a signature type of client – clients who are assured enough of their own taste that they want a house that reflects their own personality rather than the ego of their architect. These are also clients with a sense of history and cultural continuity who are looking for a refined house that fits comfortably into its context. Mark Ferguson and Oscar Shamamian see a house as an architectural portrait of the owner, and pride themselves on developing a thorough understanding of the client's style preferences and lifestyle needs before a line is drawn.

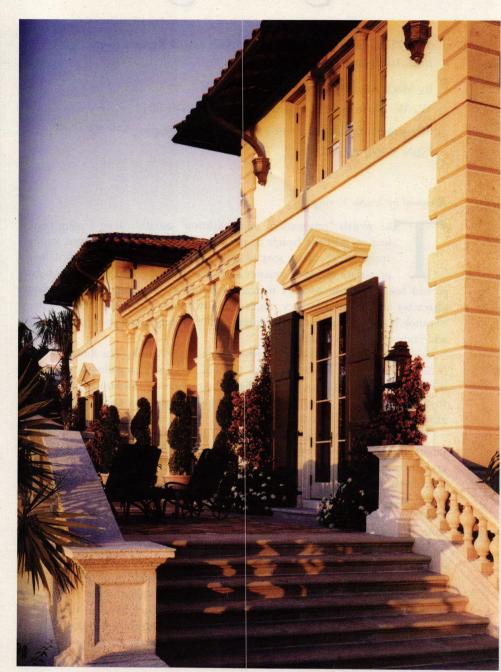
Ferguson and Shamamian look to inspiration from the past as the surest and best way to make modern, functional and handsome architecture. They don't shrink from using phrases like "humane and beautiful environments" to describe the goals of their work. Like all first-rank traditional architects – starting with Vitruvius and Palladio – Ferguson and Shamamian know that the past can't be simply copied, but must be continually reinterpreted and adapted to contemporary needs of technology and lifestyles.

They take historical precedents seriously however: The firm's work never descends into whimsy or ironical references. Rather, the designs demonstrate deep knowledge and respect for a wide range of architectural traditions. Thus, in this monograph you'll see beautifully realized homes in such modes as Georgian, Colonial Revival, Mediterranean, English Picturesque, Dutch Colonial, Shingle Style, Arts & Crafts, French Provincial – as well as many interpretations of the Classical language. When they modify historical forms, they do it without straying too far from the canonical centerline; in that way they maintain a sense of connection to the past. That's why all their residences feel comfortable and timeless, yet fresh and contemporary.

One notable feature of Ferguson & Shamamian houses is the rigorous attention paid to the planning and architecture of the interiors. This doubtless reflects the training both principals received early in their careers while working at Parish-Hadley, one of the nation's top interior design firms. At Parish-Hadley, they were encouraged to indulge their interest in architectural detail – something they were not allowed to do in architecture school.

The interior plans of Ferguson & Shamamian residences frequently exhibit enfilades and the use of Classical symmetry to confer stature and stability on the architectural composition, as well as to establish order and hierarchy. Their interior architecture shows exceptional attention to detail down to the smallest molding. But rather than stiff formal interiors, spaces flow easily into one another, and public rooms open onto piazzas, terraces, lawns and scenic viewsheds – providing a bright contemporary feel.

One secret to the visual harmony of the projects presented is the frequent collaboration with other top-flight interior decorators, landscape designers and artisans to ensure that the tiniest detail relates to the composition as a



For this winter retreat in Palm Beach, FL, the architects created a loggia on the rear elevation that overlooks a pool and the International Waterway. The yard is laid out in a series of exterior rooms tightly integrated with the main house, so that every square foot of the lot is an integral part of a formal spatial construction.

whole. As a result, the houses all have a feeling of "rightness" about them, starting with great sensitivity to the site and character of a place, and extending down to the appropriateness of the baseboards. Major collaborators for each project are credited in an appendix.

This beautifully produced monograph can certainly qualify as a coffee-table book – if you have a large coffee table! The book is big  $(13 \times 15 \text{ in.})$  and heavy (7 lbs.). The color photographs are gorgeous and give an excellent sense of each residence, inside and out. Text accompanying each project sets out the major challenges and issues that influenced the design – along with a site plan and/or a plan of the ground floor. As a bonus, a number of the projects also include dimensioned drawings of some of the key architectural elements. (One of the volume's few frustrations is that there are no plans included for upper floors.)

But this is far more than a coffee-table book. It serves as a veritable encyclopedia and study collection of period-style architecture for practicing architects, interior designers and clients looking to build a new home. It provides splendid proof that historically inspired design can be made brilliantly contemporary – without doing violence to the canons of traditional architecture.

## BOOK REVIEW

# Recognizing the Limits

## The Vintage House: A Guide to Successful Renovations and Additions

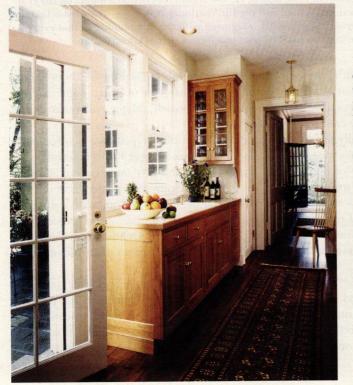
by Mark Alan Hewitt and Gordon Bock W. W. Norton & Company, New York, NY; 2011 304 pages; hardcover; over 180 color photographs; \$49.95 ISBN 978-0-393-70619-2

#### Reviewed by Nicole V. Gagné

he words "renovation" and "addition" usually cause a pang of icy fear to grip the hearts of people who love and care about vintage architecture. That sort of talk usually raises the specter of inappropriate changes, repairs and add-ons – the all-too-common fate of old houses whose owners neither understand nor respect their unique character and cultural history. Such homeowners are also the frequent prey of quick-buck contractors and architects whose interest in an old house begins and ends with the bottom line.

So Mark Alan Hewitt and Gordon Bock's new book, *The Vintage House:* A Guide to Successful Renovations and Additions, comes as a welcome relief, as it fills a special need: How best to help the owners of old houses, who need to make expansions and repairs but who also cherish the special beauty and atmosphere of their homes.

The book's success at that purpose is due to its special convergence of talent and expertise. Hewitt is an architectural historian and preservation architect who has taught at The University of Pennsylvania and Columbia University and written such books as *The Architect and the American Country House* and *Gustav Stickley's Craftsman Farms*. Bock is the former editor of *Old-House Journal*; he has written for numerous other architectural publications and books as well, and is an adjunct instructor of historic preservation at Drew University. Hewitt and Bock not only know what they're talking about, but they also know how to talk about it so the homeowner can follow them every step of the way. For this reason alone, their book is invaluable. Although they have filled *The Vintage House* with wonderful color photos and illuminating black-and-white drawings, Hewitt and Bock have set their sights far beyond the coffee table. It's a true rarity: a beautifully illustrated, well made, reasonably priced hardcover that's really an effective how-to book (with some where-to thrown in).



Circulation was always a problem with this 1870 stucco home, originally built with a pantry and back stairs exclusively for servants. Utilizing the side door, this new vestibule was built, creating a new axis for the house that is in alignment with the main stair hall.



The Carriage House in the Somerset Hills region of New Jersey started life as a carriage house/garage. In its conversion to a house, most of its strong Tudor exterior remained the same. But its roof was opened up with new heavy-timber architectural rafters, while dormers were added for light and long-span girders were installed to create a second floor: a bedroom level, with kitchen, dining room and living area below.

"Conserving Vintage Houses," the first chapter, describes the authors' emphasis on "quality homes from the great eras of the American house: the late Colonial-Federal period, the Victorian age, the progressive era of the early-twentieth century, and the suburban boom of the mid-twentieth century." In "How Do Houses Grow?," they examine "organic" growth patterns in traditional and vernacular dwellings and discuss the formal and aesthetic principles underlying their design and construction.

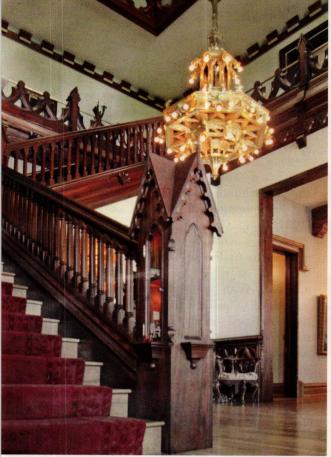
Chapters three through six focus on issues of design. "Understanding What You Have" helps with just that, enabling homeowners to situate their design style and look into how it was made and how to assess its materials and conditions, from roof to foundation. "New Spaces in Old Places" looks at the revision of inner spaces, not only the familiar questions of replacing windows and bathrooms and kitchens to suit the demands of contemporary life, but also changes to play rooms, guest rooms and dining rooms. Also considered is the perennial issue of improving the house's flow of traffic.

"Additions That Stay in Tune," is where you really appreciate the book's photographs – to see so many thoughtful and even invisible additions to vintage structures gives one hope for the future. The essential matters of heating, ventilation and air conditioning are examined in "Blowing Hot and Cold." Of special interest to many will be the commentary on the environmental and economic advantages of geothermal heating.

The last four chapters create a wider context for the homeowner. "Facing the Neighborhood" looks at streetscape considerations and offers a special account of townhouse expansions. "Outstanding Outbuildings" take us out of the home altogether, and discusses such beloved amenities as garages, swimming pools and stables. In "The Real Deal," the authors go through the full spectrum of old-house materials, including roofing, cladding and windows; here they teach readers how to recognize what work they need as well as how that work's being done. The last chapter, "The Long View," deals with growing environmental awareness and the rise of New Urbanism. A lavish appendix, "Resources for Vintage House Owners," is another huge benefit of this book. Contact info is given for the architects featured in its pages, along with rock-solid sources for an array of old-house needs, including bath fixtures, ceramic tile, windows, doors, heating, hardware, roofing and air conditioning.

Hewitt and Bock have demystified a subject that has ordinarily stymied too many homeowners. But they do it without oversimplification or exaggeration, always aiming for the most practical information for their readers. They also do it with a sense of mission that is entirely appropriate to their field, and expressed most eloquently in the thoughtful conclusion of "The Long View": "By caring for our own homes, and increasing our respect and understanding of the importance of historic houses, we recognize the limits of our ability to manage the natural and human-made biosphere. We are designing with history in mind, and respecting the role that our ancestors had in creating our whole environment. In this way we are true to our own nature as well as that of the world around us."

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# The Noble Wall Base

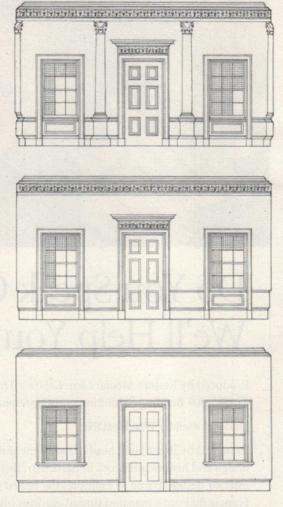
By Gregory F. Shue

he wall base is one of the most common elements in period homes of all styles. Its primary functions include the beautification of the intersection of wall and floor, and the protection of the wall from damage due to traffic, dirt and moisture. However, this important piece of the trim package is often overlooked due to its location, its concealment behind furnishings, and its modest presence compared to ceiling crowns, door surrounds and cabinetry. Nonetheless, many design considerations lead to the final sizes and shapes of wall bases. For example, a well-designed wall base works well with the other pieces of millwork in the room. One house may have many kinds of wall bases, made of different materials, especially in period homes, where room sizes and uses can vary greatly throughout.

In traditional houses, the wall base is but one component in an often complicated trim program. It must resolve with trim around doors and windows, cabinetry, fireplace surrounds and anything else attached to walls that comes in contact with the floor. The importance of the wall base should not be taken lightly, for many parts of a house rely on its well-considered design. For example, the projection of a wall base from its wall is a period detail subtlety, but one that can be very important, especially at doors and other openings. Sometimes a plinth block is used as a transition element between a wall base and an adjacent door casing. In other places, the wall base and door casing are designed to interact without the use of a plinth block.

Another period design subtlety, depending on the room style, of course, is the incorporation of small steps, or offsets, in the wall base. I like to incorporate an offset four inches above the floor, providing visual consistency when transitioning to cabinetry but still tall enough to incorporate electrical outlets (oriented horizontally) near the floor. Another period detail is the omission of the toe mold (the small piece adjacent to the floor) when the room is carpeted, in which case the carpet goes under the wall base in a small gap left between the bottom of the wall base and the floor. In fact, in older homes, the presence of a toe mold in a carpeted room might be an indicator that the carpet was installed on hardwood flooring. At the top of the wall base, the wall base cap is one of those small pieces of trim that can be a real joy to design. The variations are endless, and it's a great way to subtly build the continuity of a room's style.

In many newer homes, the wall base has been determined by the dimensions of stock lumber or whatever can be found at the closest big box hardware store, which seldom produces a period look. When considering the appropriate size and shape for a wall base, it's important to remember that it should be proportionate to the room as a whole. As mentioned earlier, it not only conceals the wall/floor



"Progressive Omissions: The Interior," from *Classical Architecture* by Robert Adam, illustrates how the wall base is one of the few remnants of the Classical proportioning of many traditional rooms.

joint, but it is also a decorative element. The Classical prescription is that it should be proportioned as the base of a canonical pedestal. While most rooms do not have columns, many have ceiling crowns and wall bases. Other dimensional considerations come into play as well, including the incorporation of electrical outlets, HVAC components, etc.

Although wood is the most common material for wall bases in period homes, they can be made from virtually any material. With wood, wall bases can be stained or painted (or a combination thereof) based on the character of the room. While wood is not very resilient, it is relatively inexpensive, available in stock shapes, easy to customize and very easy to repair when damaged. In rooms exposed to wide temperature and humidity variations, however, wood has a tendency to bow, cup, crook and twist.

Tile is another great wall base material for period homes. Its resilience against dirt and moisture make it a great choice for rooms with wet areas. Ideally, the carefully planned tile wall base resolves with cabinetry and other room components, and is carefully selected for its appropriateness for indoor or outdoor (or both) uses. Tile wall bases, while more resilient than wood, are still fairly simple to repair, available at many price points, come in an endless array of stock colors and shapes and can be customdesigned if necessary, although that can get quite expensive.

Stone wall bases are typically more

durable than both wood and tile and immediately heighten the style of a room. They are also a great way to create continuity with other stone elements, such as fireplace surrounds, column bases and floor patterns. While stone comes in a spectacular array of colors and patterns and is very durable, it is heavy, difficult to repair, and custom shapes add to its already-greater expense.

As the reader might imagine, variations in the designs of wall bases are as numerous as variations in Classical detail. The proportions and the purposes of rooms usually determine the size and shape of their wall bases. While cost can become an issue with some of the more extravagant wall bases, so many traditional options are at the designer's fingertips that often more than one appropriate solution is easily available. While wall bases go widely under-appreciated, the consideration of the minutiae is rewarding when the design all comes together – beautifully and intentionally. ■

Gregory F. Shue is a principal at Shue Design Associates on Sullivan's Island, near Charleston, SC, and a fellow of the Institute of Classical Architecture & Art. He has studied traditional architecture throughout the U.S. and Europe for nearly 20 years.

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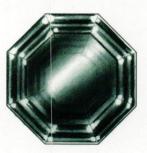


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