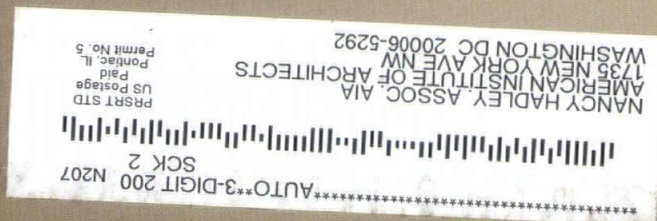


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MAY // JUNE // 2015

2015 Small Projects Awards

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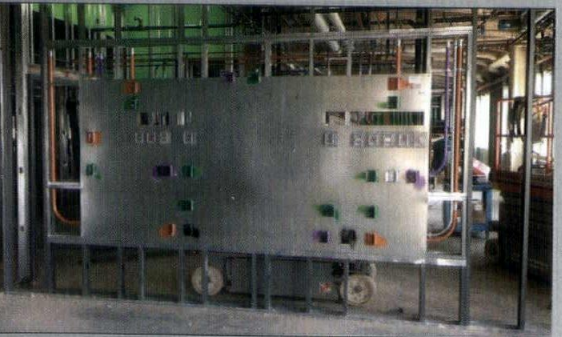
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Chicago Architect, the primary outreach tool of AIA Chicago, is published six times a year as an authoritative resource for architects, the larger design community and the public about architecture and related issues of interest to Chicago architects. The magazine communicates industry trends, the value of high-quality design and the role of AIA Chicago and its members in the world of architecture.

PHOTO BY JOHN STURDY

In the 1993 Sydney Pollack movie "The Firm," there's a scene where Tom Cruise's character, an aspiring attorney, is studying for the bar exam and is visited in his office by the firm's partners. All of the partners offer words of encouragement, telling him no associate of theirs has never "not passed the bar." When Cruise's character later receives notice that he passed the exam, the whole firm stops what they are doing to celebrate.

I bring up this movie not to suggest we model our architecture firms on



this fictional (and as it turns out, corrupt) law firm, but to note the ways Cruise's emerging development was encouraged and celebrated as he grew

professionally. When I first saw the film as an aspiring architect, these scenes stood out to me for illustrating how the leaders of the firm supported Cruise's young and ambitious character.

Many professions have traditions for when their people reach a milestone. The architecture field may not have a codified way of celebrating young architects as they move up the professional ladder, but we do encourage them through mentorship, professional development conversations and the policies our firms implement.

I want to thank all the firms with formal ARE programs and those that support ARE education by reimbursing individuals who pass their exams and obtain their license. I know of other encouraging celebrations that happen around the city too, like the firm that has a champagne toast in the studio when an emerging professional passes the ARE exam, and the firm where a partner takes the newly minted

architect out to lunch.

A year or two ago, I asked the leaders of large firms to invite their recently licensed architects to AIA Chicago's Designight celebration as a recognition of their accomplishment. This was a simple gesture that provided a lasting impression. At a large firm where I worked, I started a tradition of gifting a moleskin sketch notebook with a nice pen to recently licensed architects. The personal touch though was to have all the members of the studio sign and note the book for the new architect, so it would always remind them of their achievement.

My request to you is that you start your own traditions that are uniquely about your firm and how it honors the next generation of practitioners.



This issue is dedicated to the winners of the 5th annual AIA Chicago Small Projects/Small Firm Awards. Chicago is unique in the breadth, scope and scale of firms working in the city. While renowned for firms capable of building supertall towers, Chicago is also home to a vibrant community of architects working on the type of projects most accessible to everyday life: home and kitchen remodels, office spaces, and ornamental or usable objects. This awards program showcases the very best of those firms working in the day-to-day idiom that emphasizes how architecture is everywhere.

Anthony LoBello, AIA

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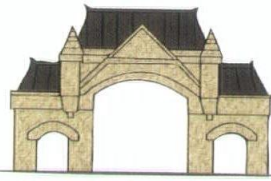
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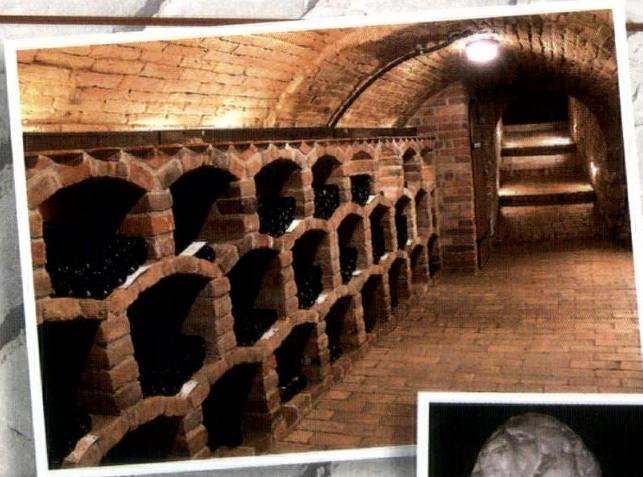
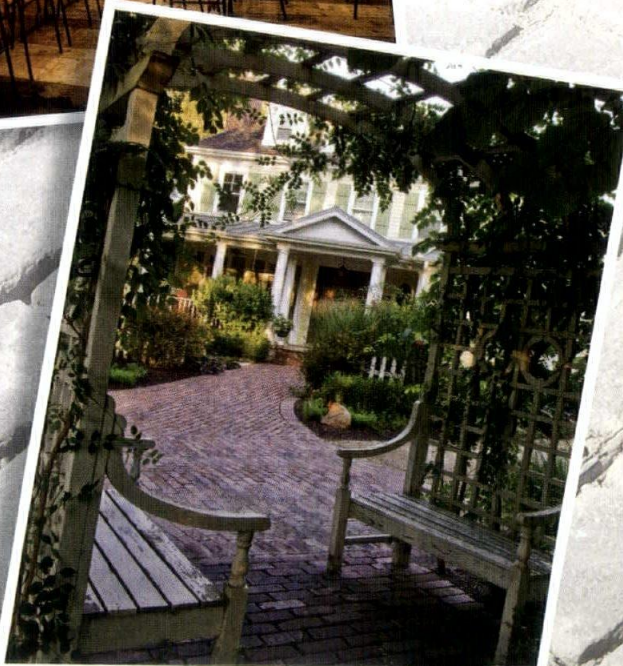


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Cherokee Casino Ramona in Ramona, OK
Owner: Cherokee Nation Entertainment, Architect: Selser Schaefer Architects, Contractor: RMZ Builders
Installer: Abbco Roofing; Profiles: Perforated Flush Panel, Flush Panel, PAC Precision Series HWP, 7.2 Panel, 7/8" Corrugated, Flat Sheet; Colors: Colonial Red, custom Bright Red, Copper Penny, Slate Gray



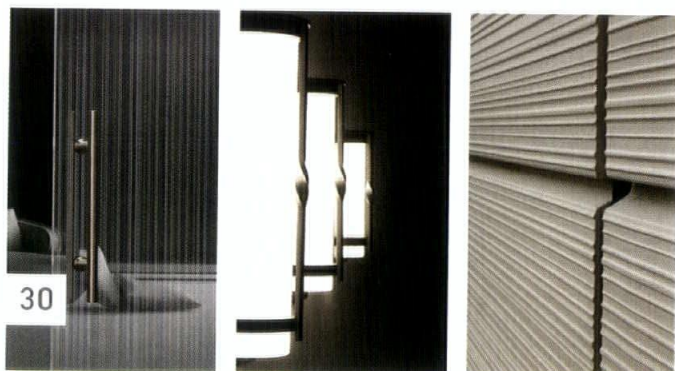


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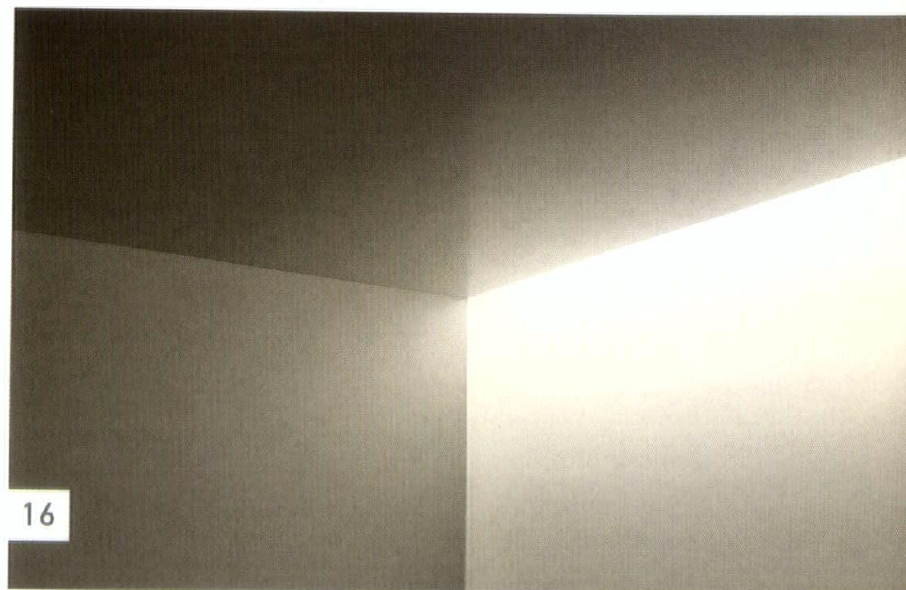
*Live/Work Gallery,
a project from P.K.
VanderBeke, Architect, and
2015 AIA Chicago Small
Projects Awards winner*



PHOTO BY MICHAEL MONAR, COURTESY OF MICHAEL DEL PIERO



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ON THE COVER

*Elemental Kitchen, a project from MAS Studio, and 2015 AIA Chicago
Small Projects Awards winner*

PHOTOS COURTESY OF IKER GIL



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architects are using

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is available to view digitally
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Seven AIA Chicago Members Elevated to the College of Fellows

The AIA Fellowship program was developed to honor architects who have made a significant contribution to architecture and society. Election to Fellowship not only recognizes the achievements of the architect as an individual, but also honors before the public and the profession a model architect who has made a significant contribution to architecture and society on a national level.

Seven AIA Chicago members were elevated to the College of Fellows this year. The 2015 Fellows will be honored at an investiture ceremony at the 2015 AIA National Convention in Atlanta.



SCOTT CONWELL, FAIA

Through education and service, Scott Conwell has equipped thousands of architects with knowledge and tools to design high-performing buildings in brick, tile and stone. In his 19 years with the International Masonry Institute (IMI), Conwell has dedicated his career to educating architects and advancing good design with masonry materials.

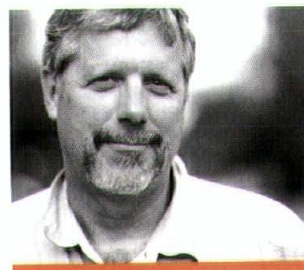
Conwell has delivered more than 850 AIA-registered presentations in 27 states, impacting more than 37,000 attendees.



BURCIN ATAY MOEHRING, FAIA

Throughout her 25 years of experience, Moehring has developed unique lab design solutions that address evolving teaching styles such as collaborative learning, interdisciplinary interaction, teaching and research integration, and hands-on learning.

Moehring began her career at Holabird & Root, and during her 19 years there she worked with designers, lab planners and programmers to develop a practice focused on higher education science facilities. Moehring was asked to bring her leadership skills and expertise to Legat Architects, a 74-person, Chicago-based firm where she heads their studio dedicated to science and technology facilities.



STEPHEN J. KELLEY, FAIA

Stephen Kelley has led the industry in the restoration of internationally known landmarks. He has excelled in the comprehensive diagnosis of building problems—the essential first step in successful restoration.

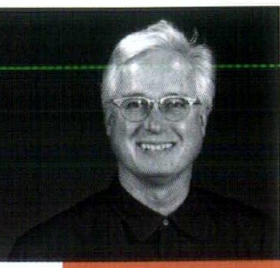
In his 30-year career with Wiss, Janney, Elstner Associates in Chicago, Kelley has undertaken the restoration of iconic buildings such as the Marshall Fields Department Store, the Reliance Building and Nebraska State Capitol. He is registered as both an architect and as a structural engineer.



THOMAS B. BRAHAM, FAIA

Thomas Braham is recognized as a leader that has had powerful influence on a national and international level, both in practice and through his service to the profession. As an AIA National board member he served as chair of the Honors & Awards Committee, where he was a champion of recognizing the diversity of skills and interests that complete and complement the profession.

As a senior associate at Gensler, Braham is leading a national group of firms to transform Navy Pier, the largest tourist destination in the Midwest.



STEVEN SCOTT COOK, FAIA

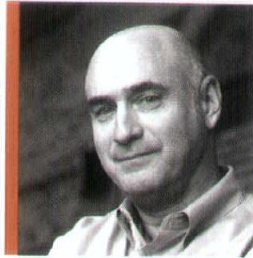
Steven Cook's unique blend of design talent and technical knowledge, coupled with engineering know-how, has led to innovative building strategies that have created healthier and more enjoyable environments for work and living.

An executive vice president at JAHN, he has been at the forefront of advancing new strategies in sustainable design. The Post Tower in Bonn, Germany—designed in 1998 before LEED was unveiled in 2000—incorporated many new sustainable strategies that are now common, including using Rhine River water to naturally cool the building, exterior sunshading, natural ventilation and clear glazing to maximize daylighting.

NATHAN KIPNIS, FAIA

Nathan Kipnis has advanced the sustainable practice of architecture through extensive local and national public advocacy. He has provided leadership for a wide range of environmental issues, while simultaneously creating coherent, climatically influenced architectural designs.

As principal of a small architectural firm, Kipnis was specifically sought out by both AIA Chicago and AIA National's Committees on the Environment (COTE) to promote the 2030 Commitment to smaller architectural firms, giving multiple presentations and AIA National webinars. He has fostered a greater understanding of sustainable architecture and environmental issues, and advanced an awareness of the benefits that extend beyond their obvious environmental concerns.



GRACIA MARIA SHIFFRIN, FAIA

Gracia Maria Shiffrin's body of work over the past two decades focuses on the development of real estate projects with a social mission.

As deputy chief of staff for former Chicago Mayor Richard M. Daley, she guided significant projects, including the development of the Salvation Army's Kroc Center in an underserved community.

As owner of Shiffrin Consulting, she provides expertise on projects for homeless veterans, veteran families and seniors. Shiffrin brings a deep understanding to the performance of ventures that elevate the living conditions of vulnerable populations by improving their built environment and delivering supportive services.

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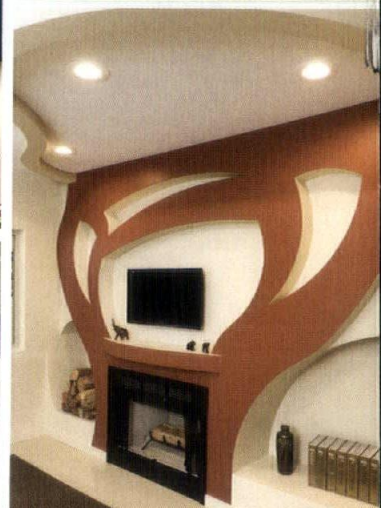
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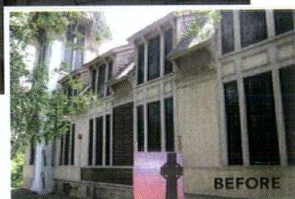
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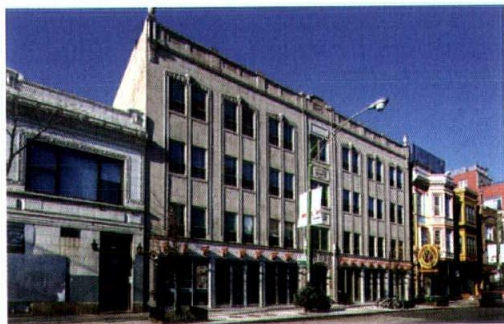
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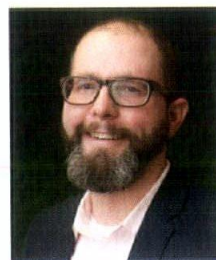
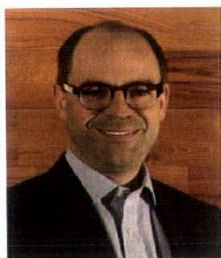
The first restorations by **Edward Torrez, AIA, LEED AP BD+C**, principal and president at BauerLatoza Studio, for All Saints' Church in Ravenswood are now complete. The designated Chicago Landmark was built in 1883 and features rare Stick-style architecture. The restoration process on the north façade and the art glass windows were completed in late 2014. Work on the bell tower, main entrance and east elevation is slated to begin later this year.



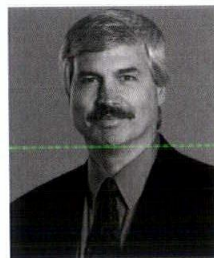
Five community developers and three architecture firms were honored for their achievements during the 21st annual Chicago Neighborhood Development Awards on Feb. 17. The winners for the Richard H. Driehaus Foundation Awards for Architectural Excellence in Community Design were: Landon Bone Baker Architects for Fred and Pamela Buffett Place (pictured above); Weese Langley Weese Architects Ltd. for Grove Apartments; and Wrap Architecture for Bronzeville Artists Lofts. These awards are given to architects who have created outstanding designs in housing, retail or institutional settings that are sustainable, architecturally significant and match form to function to meet community needs. Eligible projects must be located in, or predominantly serve, low- to moderate-income communities in Cook County and must have been completed within the last five years.

Daniel Niewoehner, AIA, joined HOK's Science + Technology practice as vice president and regional practice leader in Chicago.

Niewoehner has more than 20 years of experience planning and programming laboratories, including more than six million square feet of projects in North America, the Middle East and Asia.



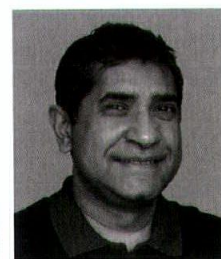
KOO has named **Dan Rappell, AIA, LEED AP BD+C**, director of sustainable design, as partner in the firm.



Perkins+Will announced **Douglas A. Smith, AIA**, joined the firm as managing principal. Smith has more than 30 years of experience with special expertise in urban mixed-use development and master planning on office, hotel, retail and transportation facilities projects in the U.S., Middle East and Asia.



Harley Ellis Devereaux designed the new Porta Coeli Residence, a senior residence developed by Catholic Charities Housing Development Corp. in Chicago's South Deering neighborhood. The residence provides quality affordable options for seniors and was funded via the U.S. Department of Housing and Urban Development.



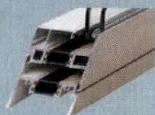
NORR announced the promotions of **Mohan Srinivasan, AIA, CCS, LEED AP**, (left) and **George Sorich, AIA, NCARB, LEED AP**, (right) to principals at the firm.



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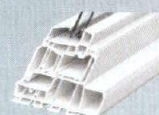
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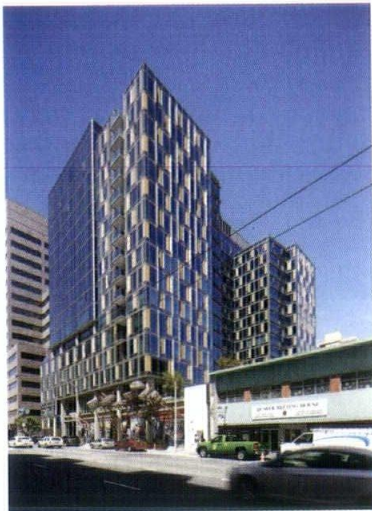
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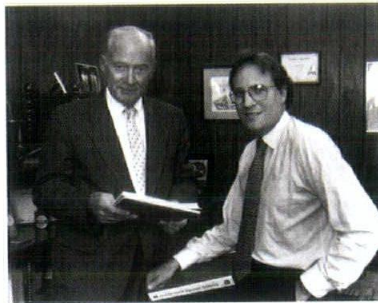


Solomon Cordwell Buenz was honored with three National Association of Home Builders awards for 2014. AVA 55 on Ninth Street in San Francisco (pictured above) received a platinum Best in American Living Award (BALA) for Best Development 5 Stories & Over, For Rent, as well as a Pillars of the Industry award for Best High-Rise Apartment — Nine or More Stories. Additionally, 500 Lake Shore Dr. in Chicago received a silver BALA for Best Development 5 Stories & Over, For Rent.



Leona Ketterl, AIA, announced she has launched her own practice, The Built Environment LLC, after 25 years of professional practice. Ketterl's focus as a certified educational facility planner is to provide planning and programming for K-12 and higher education projects. The Built Environment will also provide programming, planning, schematic design, community engagement planning and facilitation, and sustainable design for any commercial building type.

Petersen Aluminum Corp. celebrated its 50th anniversary on Feb. 15. The company was founded in 1965 by Maurice Petersen as an aluminum distributor and has grown to become one of the construction industry's premier architectural metals manufacturers.

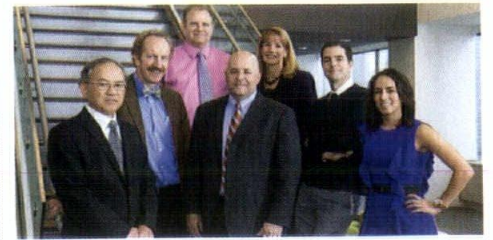


The School of Architecture at the University of Notre Dame honored architect David M. Schwarz with the 2015 Richard H. Driehaus Prize. The \$200,000 award, which recognizes classic architecture in modern society, was awarded on March 21 in Chicago. Schwarz is currently the president and chief executive of David M. Schwarz Architects in Washington, D.C. He designed the American Airlines Center in Dallas, the master plan for the New York Botanical Garden in the Bronx, and the National Cowgirl Museum and Hall of Fame in Fort Worth, Texas.

Evanston-based Myefski Architects announced the promotion of several staff members:

- ▶ **Tim Kirkby, AIA**, to senior project manager
- ▶ **Josh Sacks**, to project manager
- ▶ **Mike Karkowski, AIA**, to associate
- ▶ **Brian Wagner, AIA**, to associate

In other firm news, **John W. Myefski, AIA**, and Patricia Myefski announced the establishment of a new scholarship for students applying to the University of Michigan's Taubman School of Architecture and Urban Planning. The John and Patty Myefski Endowment Scholarship will provide aid for aspiring Michigan architects who have graduated from an Upper Peninsula high school, and is also open to those who transfer to UM from Northern Michigan University's pre-architecture program.



RTKL announced core changes to its Healthcare Practice group, a multidisciplinary team of:

- ▶ Vice presidents **Sandy Faurot, AIA, ACHA**, and **Dan White, AIA, LEED AP**;
- ▶ Senior associate VPs Margi Kaminski and Steve Stokes, LEED GA;
- ▶ Associate VPs **Brent Hussong, AIA**; Andy Lane, LEED AP, LEAN, NCARB; and Yong Yun, LEED GA; and
- ▶ Business development Lauren Mead.

These team members will help clients solve complex challenges while delivering creative solutions for better-performing, cost-effective healthcare facilities.



Tim Kirkby



Mike Karkowski



Brian Wagner



John W. Myefski



Cook Architectural Design Studio designed a new 2.5-story, 8,500-square-foot home situated along Lake Michigan in the North Shore suburbs. The home was designed to provide views of the lake from all bedrooms and most living spaces.

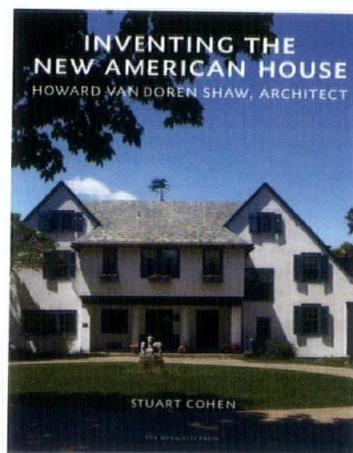


Willowbrook-based Raths, Raths & Johnson announced **Andrea L. Baird, AIA, LEED AP BD+C**, has joined the firm. Baird will be responsible for providing building enclosure consulting services and technical management of projects across RRJ's forensic architectural practice.



VOA Associates announced **Marsha Spencer, AIA**, has joined the team as project manager within the healthcare practice.

Vinci | Hamp Architects was a 2015 recipient of an AIA Honor Award for its interiors restoration on the Illinois State Capitol West Wing project. The 54,000-square-foot project restored key spaces on the four floors and basement, installed new energy-efficient HVAC systems and improved accessibility, safety and security. The project achieved LEED Gold and is the first state capitol in the country to receive the designation.

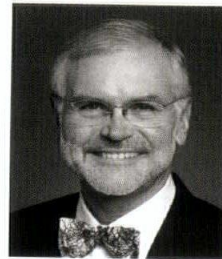


Stuart Cohen, FAIA, recently released the book, *Inventing the New American House: Howard Van Doren Shaw, Architect*. Shaw, who passed away at age 57, was awarded the AIA Gold Medal in 1926 (also the year of his passing). Cohen is a professor emeritus in the department of architecture at the University of Illinois Chicago and a partner in the firm of **Stuart Cohen & Julie Hacker Architects LLC**.



Goettsch Partners was selected by developers Golub & Co. and Golub GetHouse Sp. z o.o. to design a Class A office project, the Mennica Legacy Tower, in Warsaw, Poland. The firm is collaborating with Epstein, who will guide the project through the government approval process and serve as architect and engineer of record, and design engineer for MEP and structural engineering services.

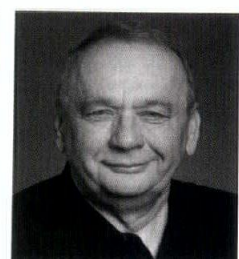
bKL Architecture announced the promotions of **Charles Hasbrouck, AIA**, and **Lynne Sorkin, AIA**, to director, as well as **James Zamorski, AIA**, to associate director. The firm also announced the following promotions to associate: **Fabianna Orlando, AIA; Grace Ames, AIA; Juan Robles, AIA; Leah Raab, AIA; Ting Wang, AIA;** Amy Wolkwitz; Anahis Tovar; Anne Karlovitz; Brad McBride; Danielle Tillman; and Kate Monachos.



Charles Hasbrouck



Lynne Sorkin



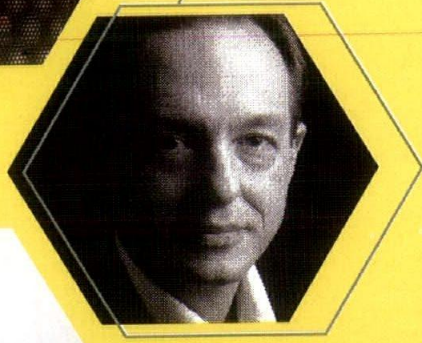
James Zamorski

RTM Engineering Consultants announced that Kevin Christensen, P.E., LEED AP, joined the firm as principal.

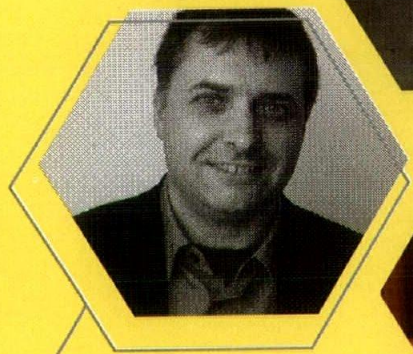


2015 small projects

2015 JURORS:
Paul Florian, FAIA
Florian Architects
Chicago



Elizabeth Fenner
Editor-In-Chief of
Chicago magazine



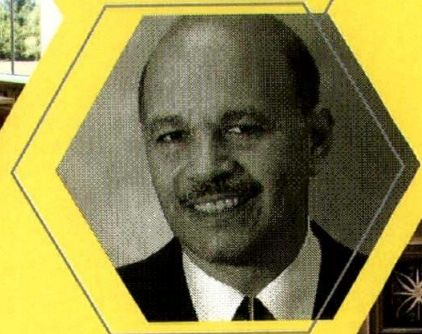
Jeffrey L. Day, AIA
Min | Day
San Francisco




Jennifer Park, AIA
Adjunct Professor, IIT
A Jurassic Studio
Chicago



Frank Christopher Lee, FAIA
Johnson & Lee, Ltd.
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PHOTO BY MICHAEL MONAR, COURTESY OF MICHAEL DEL PIERO

Live/Work Gallery

LOCATION: CHICAGO
ARCHITECT OF RECORD: P.K.
VANDERBEKE, ARCHITECT
CLIENT: STUART GRANNEN
CONTRACTOR: JUST BUILDERS, INC.

The architect was challenged to create a functional live/work gallery space while maintaining the 'romantic ruin' aesthetic of the century-old factory building. The result was what one juror called "a thoughtfully eclectic and well-executed" design that married existing finishes with new construction formed from a palette of steel, concrete and glass. The building's industrial past is evoked in every move, from the positioning of the steel-clad fireplace and closet enclosure away from the walls (creating a 'found artifact' feel), to the industrial steel grating of the stairs and walkways and the large galvanized electrical pipe acting as wire mold and baseboard. To enliven the space, a portion of a windowless second-floor addition was removed to create a terrace, and green space was added to the courtyard, allowing runoff to be accommodated on the site. "It's just really well-done and consistent in how it achieves its goals," a juror said. "Within its roughness, there's elegance everywhere," another added.

PHOTO BY MICHAEL MONAR, COURTESY OF MICHAEL DEL PIERO



HONOR AWARD

PHOTO BY JANET MESIC MACKIE, COURTESY OF MICHAEL DEL PIERO



Box Within a Box

LOCATION: CHICAGO

ARCHITECT OF RECORD: FROELICH KIM ARCHITECTURE

CLIENT: MERCURY METHOD

CONTRACTOR: ARZOUMANIAN & CO.

This Bucktown storefront for a San Francisco-based fitness studio includes a range of spaces, from changing rooms and open lockers to this enclosed workout room that's kept at a toasty 98.6 degrees. The 'hot box' acts as the primary element of the commercial space, with its red panel cladding easily visible from the street. "I like the clarity of the project. The overall concept creates this well-branded image," one juror commented. Selective openings in the walls of the box allow the interior of the workout room to dramatically reveal itself to visitors and passersby.



PHOTOS COURTESY OF ANDY BARNES PHOTOGRAPHY

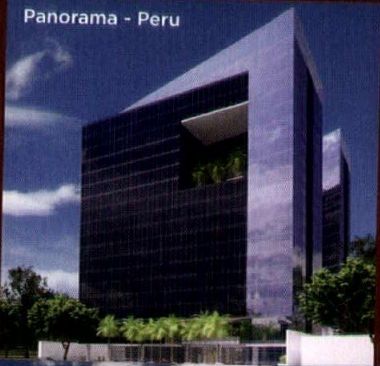


More - Peru

Construction Management



Midpoint 19 - Colombia



Panorama - Peru

LEED Certification

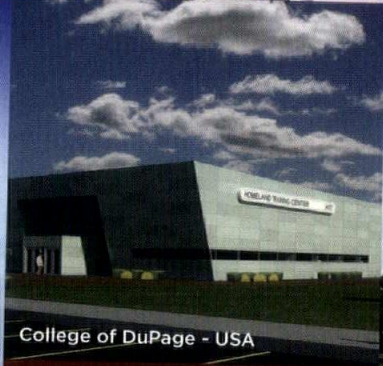
sumac

Consulting for the Americas

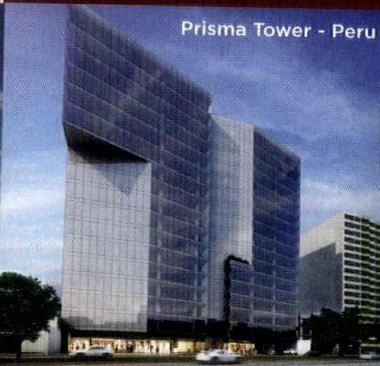
sumacinc.com



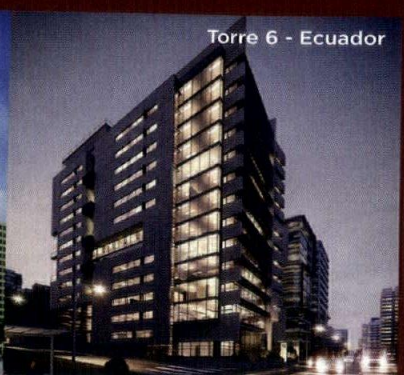
Torre 12 - Ecuador



College of DuPage - USA



Prisma Tower - Peru

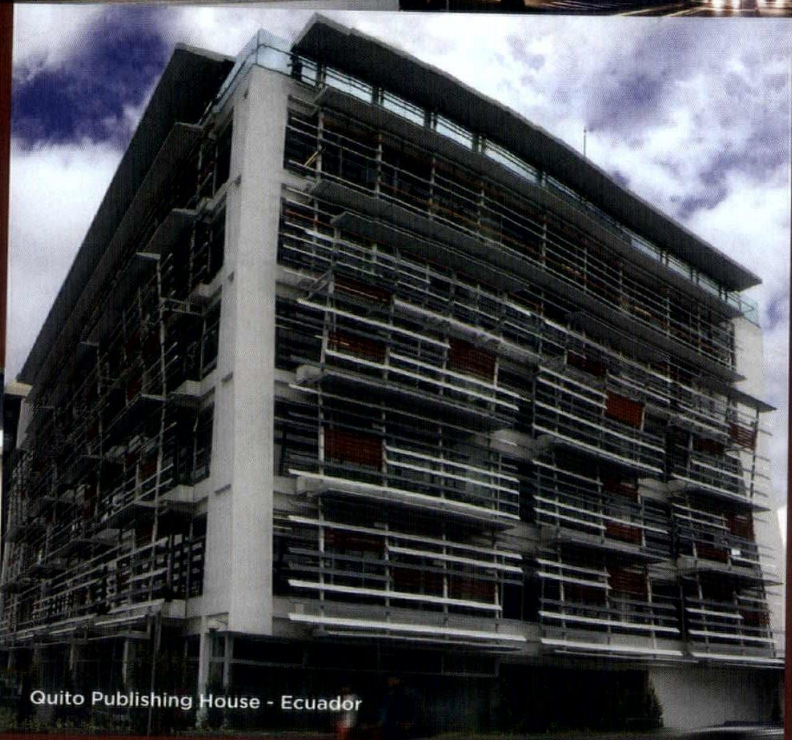


Torre 6 - Ecuador

Energy Efficiency



United Airlines - Chile



Quito Publishing House - Ecuador

Commissioning & Retro-commissioning



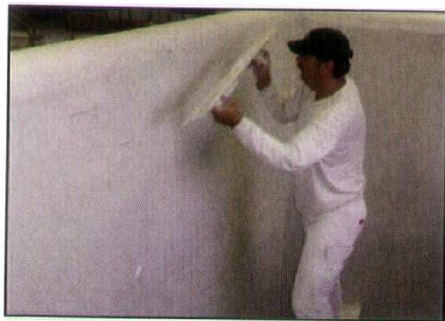
Elemental Kitchen

LOCATION: CHICAGO
ARCHITECT OF RECORD: MAS STUDIO
CLIENT: CONFIDENTIAL
CONTRACTOR: ULRICH AND ASSOCIATES
CONSTRUCTION LLC

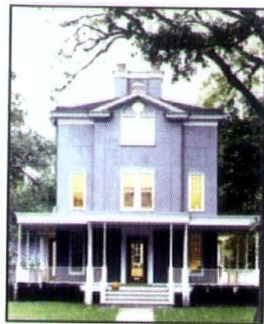
When a client requested a modern kitchen that could also be part of the residence's living space, this architect responded with a careful treatment of glass, stainless steel, marble and LED lighting. "The quality of light here is great and very well-detailed," remarked a juror. Back-painted glass is used across all vertical surfaces to conceal drawers and appliances, and carefully placed LEDs create a frameless, continuous surface that lends softness to the overall aesthetic. "They created this sense of seamlessness," noted a juror. "It's minimalist and flawlessly executed."



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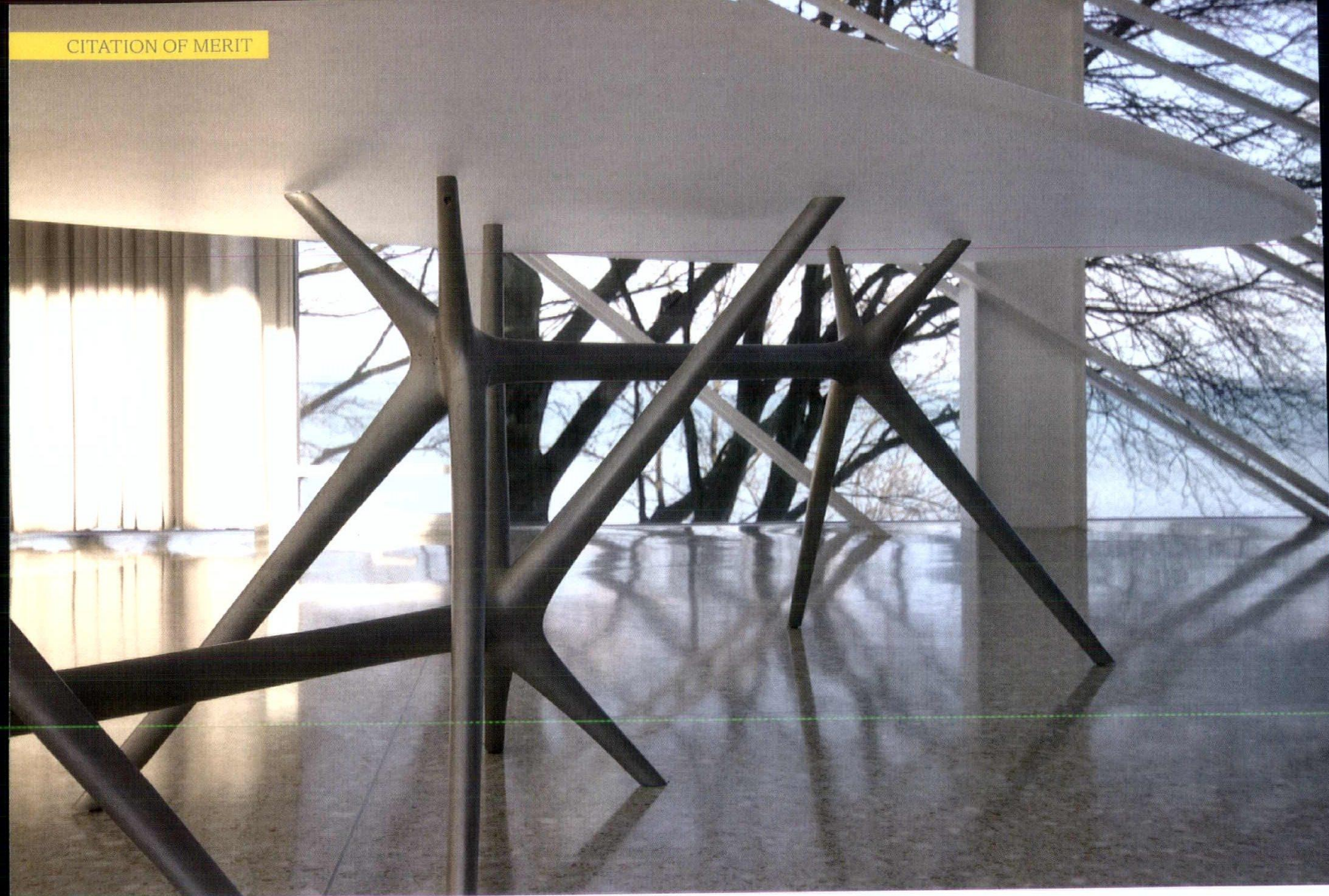
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Cast Aluminum Table

LOCATION: CONFIDENTIAL

ARCHITECT OF RECORD: DIRK DENISON
ARCHITECTS

CLIENT: CONFIDENTIAL

CONTRACTOR: O'BRIEN METAL (FABRICATOR)



PHOTOS COURTESY OF DIRK DENISON ARCHITECTS

Jurors delighted over this project that functions as both an art piece and as a functional table with a seating capacity up to 12. The resin top of this elongated dining table is balanced with the support of three identical cast aluminum legs, whose 'tenuous aesthetic' respond to the adjacent cable structure supporting the cantilevered house. One juror noted, "This object is well-proportioned and offers a great deal of flexibility." The jury also enjoyed the combination of the elliptical resin top with the porous cast aluminum, calling it "elegant, complex and playful." The overall effect brings a new texture to the sleek interior of the private residence.

PHOTOS COURTESY OF MARTY PETERS PHOTOGRAPHY



Urban 24

LOCATION: CHICAGO

ARCHITECT OF RECORD: STUDIO DWELL
ARCHITECTS

CLIENT: BILL & FARRAH NUDERA

CONTRACTOR: STUDIO DWELL ARCHITECTS

This residential infill project helped complete a gap in the urban fabric of an intimate, row houses-lined street in Chicago. The project responded to its surroundings in a contemporary fashion without disturbing the historic framework of its neighbors. Typical of row houses, which are positioned to receive daylight only through front and back windows, the treatment of light was taken on with considerable sensitivity, requiring a revised design approach that incorporates skylights, vertical open volumes, and transparent walls and floors throughout, allowing natural light to flood into the residence. "This design solves the problem of getting light into the interior," a juror said. "The approach is very sensitive to the site," another added.





Ranquist Development Group Offices

LOCATION: CHICAGO

ARCHITECT OF RECORD: VLADIMIR RADUTNY ARCHITECTS

CLIENT: RANQUIST DEVELOPMENT GROUP

CONTRACTOR: RANQUIST DEVELOPMENT GROUP

The task for the architect was to create a new office within an existing single-story masonry shell. The strategy employed was to emphasize the materiality of the simple box's structure and its component parts. An oversized communal desk with integrated storage space becomes the focal point of the room, structurally supported by two thin perforated metal screens, which serve the dual purpose of segmenting work areas into defined spaces. A continuous black binding wall snakes through the office, further delineating programming spaces and breaking the box apart while never threatening the integrity of its open-air format. Large panes of glass act as separating walls, delivering natural light to the interior. "This is a space one would look forward going to work to everyday," a juror said. "It is a complex but transparent form."



PHOTOS COURTESY OF VLADIMIR RADUTNY ARCHITECTS

Toledo Chabad Center

LOCATION: TOLEDO, OHIO

ARCHITECT OF RECORD: VLADIMIR RADUTNY ARCHITECTS

CLIENT: TOLEDO CHABAD CENTER

This unbuilt project earned plaudits from the jury for being “a sensitive and elegant approach to a difficult context and site.” The long, narrow site forced the architects to devise a strategy that would mesh the existing typography with the multitude of programs contained in the design. The main building volume is positioned at the highest point of the site, becoming a threshold between the public-facing areas and more secluded, private spaces. The educational program of the complex is nestled partially below grade and screened with vegetation, blurring the divide between indoors and outdoors and providing needed separation from the center and the surrounding residential neighborhood. Rippling wood-clad folds on the façade evoke a sense of gentleness and openness, reinforcing the inviting character of the building and causing one juror to note the design’s “rather thoughtful” approach.



RENDERINGS COURTESY OF VLADIMIR RADUTNY ARCHITECTS



Acanthus Awards

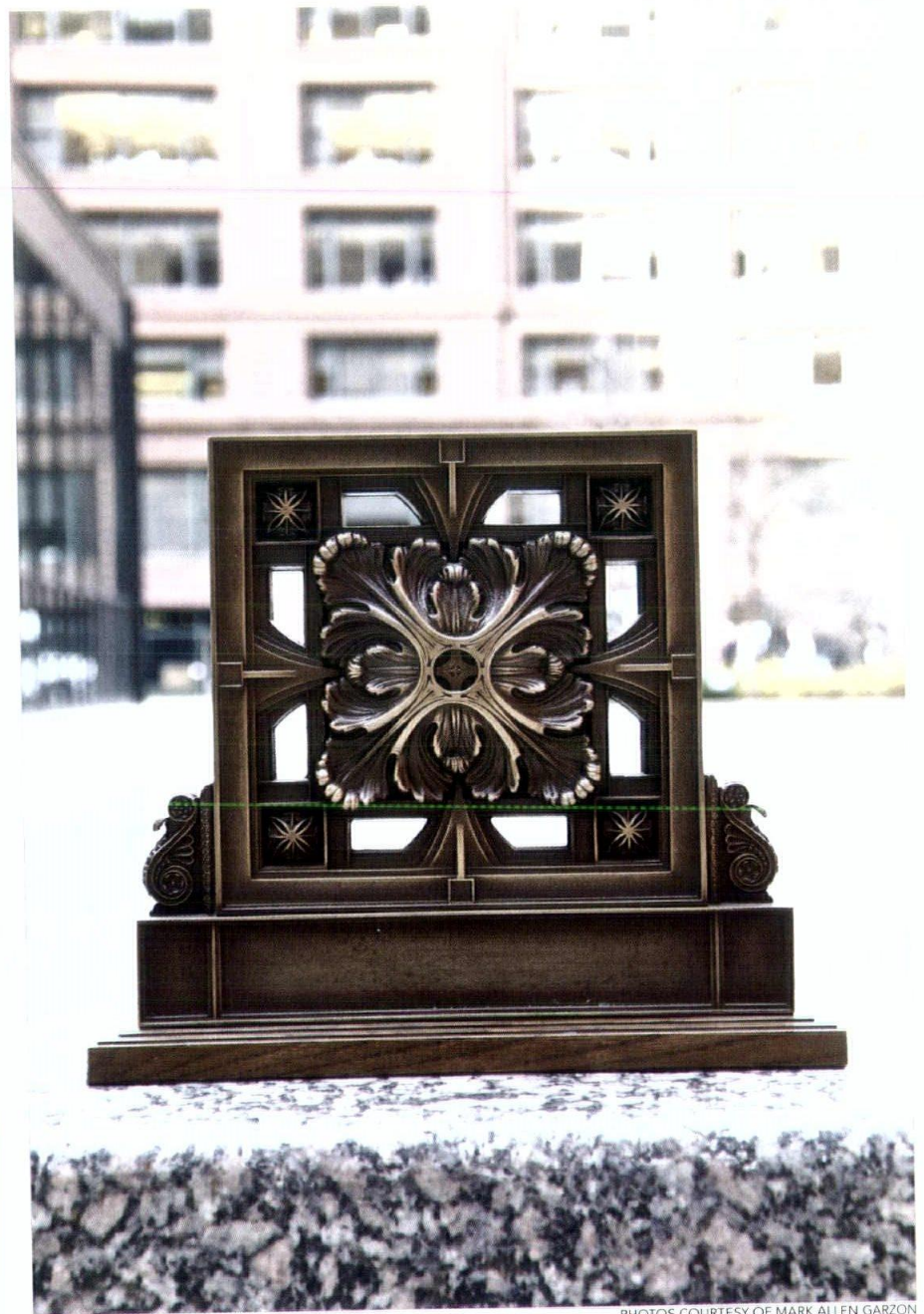
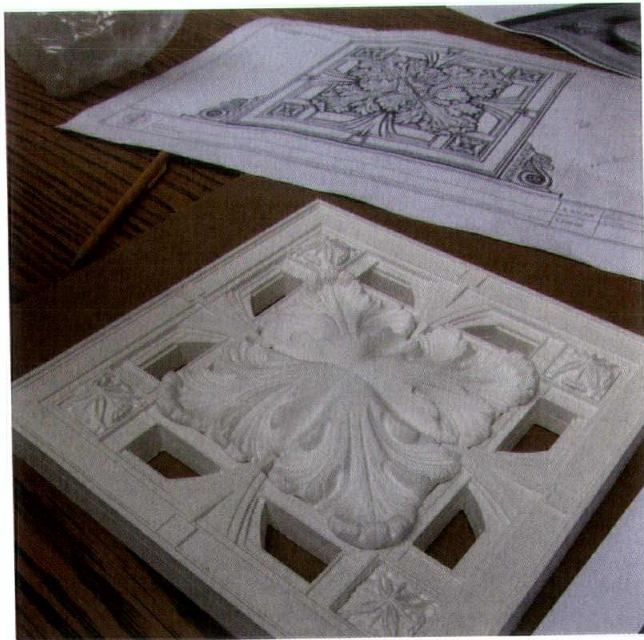
LOCATION: CHICAGO

ARCHITECT OF RECORD: MGLM ARCHITECTS

CLIENT: INSTITUTE OF CLASSICAL
ARCHITECTURE AND ART

CONTRACTOR: HISTORICAL ARTS & CASTING
(FABRICATOR)

This design was commissioned for use as a bronze award medal by the Chicago-Midwest chapter of the Institute of Classical Architecture and Art. The idea was for the object to represent Classical ideals while evoking the multifaceted ways such traditions have manifested in the Midwestern architectural argot. The origin of the design lies in the philosophical juxtaposition and harmonious interweaving of the geometric and the organic, embodying Chicago's motto, "Urbs In Horto" (City in a Garden). Three iconic moments representing vernacular Midwestern architecture are incorporated into the design: The first, the square frame, represents the geometric layering present in the Prairie Style. The second reflects the intersection and interaction of the natural and the geometric, alluding to Louis Sullivan's teachings. Finally, the acanthus leaves and corbels represent the Classical, as stipulated by the program. "Wonderful attention to craft and tradition," a juror said. "It is a nice representation of past and present that achieves its objective," added another.



PHOTOS COURTESY OF MARK ALLEN GARZON

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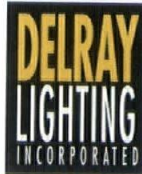


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ROUNDING UP THE TRENDS

Local architects give their input on the products and materials they're using today

BY RAISSA ROCHA

When it comes to making their visions a reality, architects carefully consider and select the best products to ensure success. Trends can fluctuate with the times, and keeping up with the wide range of products available is an integral—and often time-consuming—task for practitioners at any scale or level of the profession.

Spread over the next several pages is the second edition of *Chicago Architect's* special Products for Architects section. This guide is intended to serve as a

handy, time-saving reference for architects seeking information on the latest materials ready for use. Products range from patterned woven wire mesh and privacy glass, to mobile applications and LED lighting fixtures—all just a sample of the resources that architects can use to help craft their work.

To offer some perspective on the trends the architecture profession is seeing right now, several AIA Chicago members were asked to provide a few thoughts on today's marketplace. They noted the increasing emphasis on "products and the materials that compose [as] a complex and scientific issue." Several also remarked on the impact the 2012 International Energy Conservation Code (IECC) had on what manufacturers are offering and what clients are requesting. Aesthetics, costs and sustainable principles are other factors at work in how the designs of buildings are given form and come to life through product selection. **CA**

Here are some thoughts on what local architects are seeing and using in their projects today:

CANDACE SMALL, AIA, LEED AP BD+C, EDAC
VOA Associates

In the healthcare space, I've noticed the use of textile composite flooring products in places where you typically used resilient flooring, like nurse stations, which can typically be very loud. One example is a hospital that installed J+J Flooring Group's Kinetex flooring and found that it cut down on the noise, so they are moving to install the product in additional stations.



CHERYL NOEL, AIA, LEED AP
RAVI RICKER, AIA, LEED Assoc.

Wrap Architecture

We are seeing many manufacturers scrambling to respond with new products that comply with new energy code requirements. For example, there were virtually no UL-rated exterior wall types/systems that complied with the continuous insulation requirements in the 2012 IECC. It has forced manufacturers to either adapt or create new products that are compliant with these new requirements.



NATE LIELASUS, AIA

Northworks

Manufacturers are responding to factors such as stricter energy codes and a growing knowledge of life-cycle costs in buildings. I'm seeing a growing interest in geothermal systems, closed-cell spray foam insulation, tighter thermal envelopes and increasing interest in engineered wood floors. In residences, there is an increased use of reclaimed brick and an interest in lime wash finishes, as well as more LED fixtures and bulbs and natural stone tiles in bathrooms and kitchens.

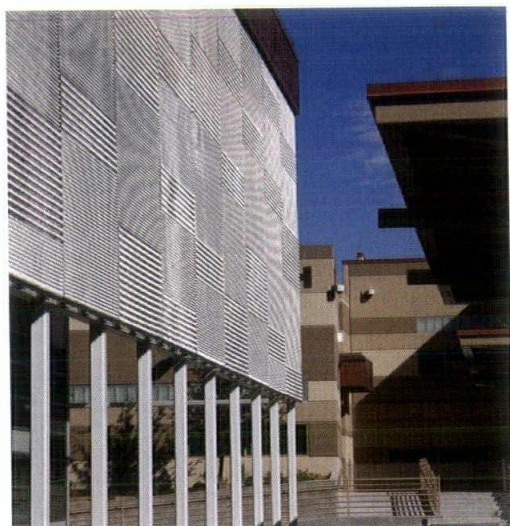
COLIN ROHLFING, Assoc. AIA,
LEED AP BD+C

HOK

I'm seeing that the design world increasingly wants to know how a product was made, what it is made of and how it can be taken apart to be repurposed. As the industry starts to obtain a better understanding of energy and water performance issues, we have started to shift our attention to human health and well-being.



EXTERIOR



Build-A-Pattern woven wire mesh

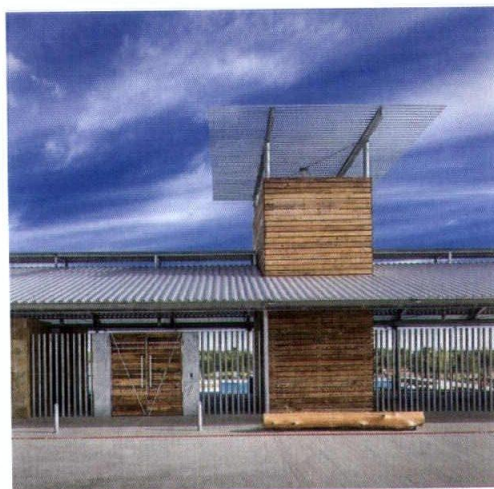
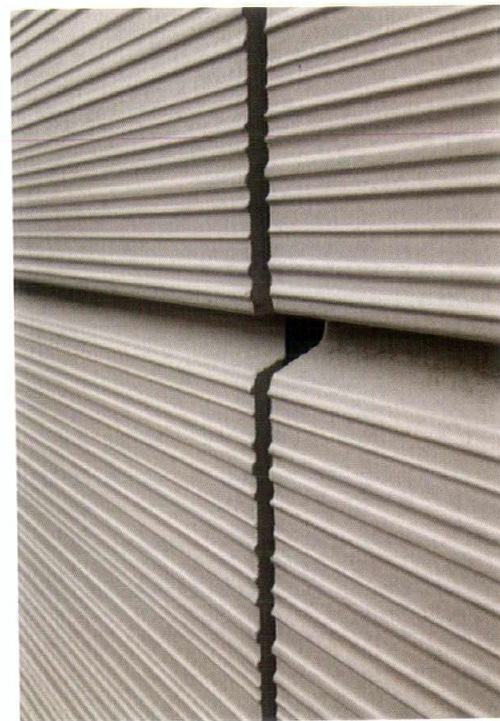
Introduced in 2014, Build-A-Pattern wire mesh products allow architects to configure a variety of customized patterns. Solar shading is a primary use of the Build-A-Pattern, and two popular mix patterns include the Stripe, which includes periodic spirals of the more open Scale weave, and the Windsor, featuring four rows of Mid-Balance spirals between each Windsor brand. The West Career & Technical Academy in Las Vegas (pictured) combines the Scale and Mid-Balance mesh patterns into a patchwork quilt configuration.

cambridgearchitectural.com

Random Ridge terra cotta cladding

New Random Ridge terra cotta panels by NeaCera Terra-Cotta Rainscreen Solutions, from national distributor Avenere Cladding, offer architects greater freedom in their creative design process. A Lift & Lock Installation system, containing neither clips nor gaskets, enables users to install almost twice the number of NeaCera panels as hollow core panels. The panels also include a lifetime graffiti protection that is inherent in its finish and is long-lasting and effective.

avenerecladding.com



Craft Form Board

The line of Craft Form Board from Creative Mines is part of the Crafted Contemporary family, a collection of masonry veneer products available for both interior and exterior applications. The Craft Board Form comes in three colors—Barnwood, Grayscale and Monsoon—and in individual pieces 6 in. high and 36 in. long. Other products in the Crafted Contemporary family are the Paintgrade Brick & Block, Board Form and Split Modular.

creativemines.us



Shou-Sugi-Ban burnt wood siding

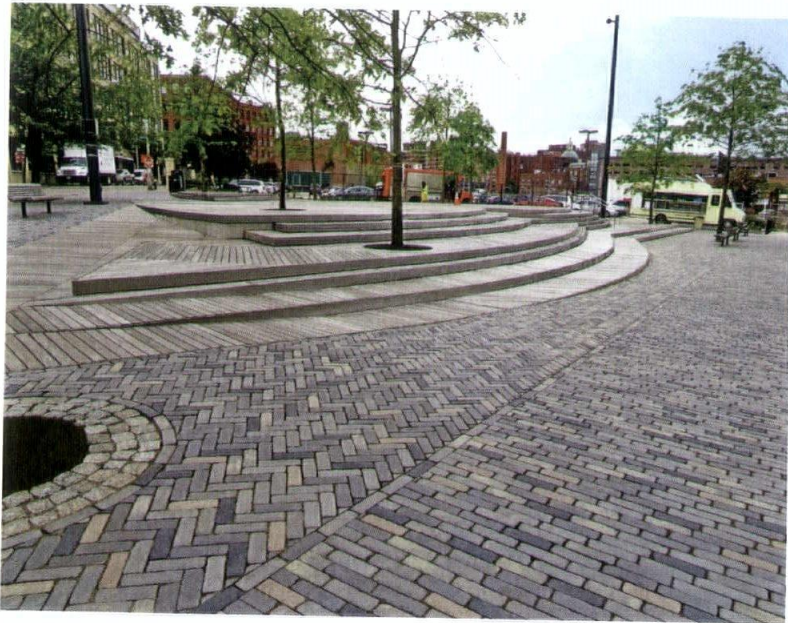
Shou-Sugi-Ban products by Delta Millworks are based on a centuries-old tradition of burning wood siding in Japan. Once sourced, the wood is delivered to the company's mill in Austin, Texas, where it is custom-milled, burned and finished. There are six burn levels offered: Brushed and Burned, Gator, Half Gator, Texas Barnwood, Tiger and Tiger Smooth. The products are suited for applications such as exterior siding, soffits, fascia and fencing.

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EXTERIOR

Vinyl siding colors

Vytec added five new color options to its line of siding and accessories: White, Maplewood, Natural Sand, Rustic Clay and Musket Brown. The vinyl siding updates ensure colors remain vibrant against the elements and simplifies selection for designers, with colors now consistent across all product families, including the new Bayside Beaded panels.

www.vytec.com



Linetec faux terra cotta texture finishes

The palette of terra cotta color finishes offered by Linetec has expanded to 14. Utilizing a 70 percent PVDF resin-based coating and a texture additive to replicate the natural feel of terra cotta, these finishes can be specified for a variety of shapes and sizes and on panels manufactured with recycled aluminum content. The architectural finishes are tested for resistance to humidity, color change, chalk, gloss loss and chemicals.

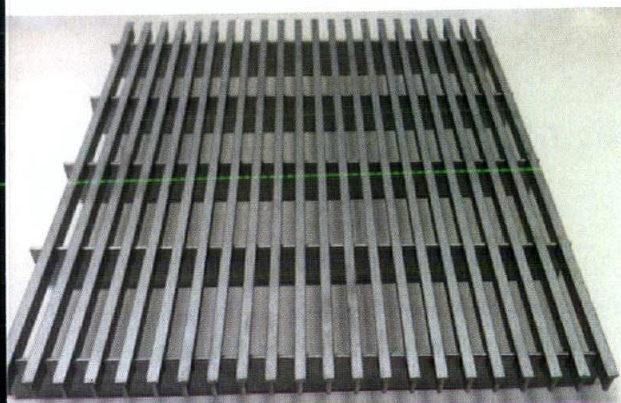
linetec.com



Ohio Gratings Vent Grille series

The Vent Grille series can be manufactured from #304 or #316 stainless steel, done by pressure locking the bearing bars to the drawn profile wires. The profile wires are elevated above the structural bearing members to achieve a clean and linear visual look. The grilles can be used as ventilation grilles for floors and soffits, entrance walk-off mats, trenches, fountains and more.

ohiogratings.com



TruExterior trim

Boral has added a 5/8 in. trim to its TruExterior product line. The trim is available in four, six, eight, 10 and 12 in. nominal widths, and is reversible with both a smooth and wood grain textured face. Like other TruExterior products, the trim is made of poly-ash and comes pre-primed. It is manufactured to resist rot and termite attacks and does not crack or split from moisture.

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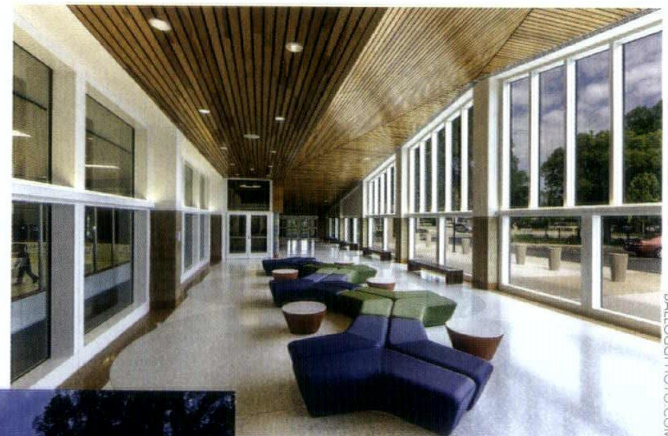
www.ChicagoRoofing.org

Building Matters.

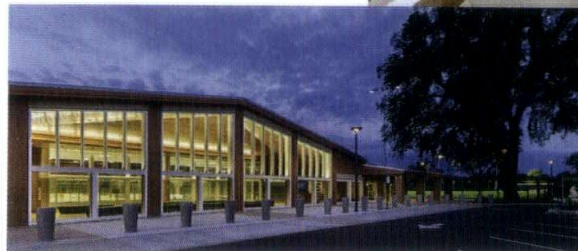
Rooted in the simplicity of a time when construction practices relied on horses, ropes and pulleys, Bulley & Andrews keeps its ties to its tradition of high-quality workmanship while staying at the vanguard of best practices in the field of construction.

Since their founding in 1891, B&A has expanded on its legacy, evolving into an innovation-driven company with a regional focus and national reach. With offices in Chicago and Indianapolis, B&A has the depth and breadth of experience to respond to client's building needs regardless of scope, procurement method or geography.

Renowned for its sophisticated approach to problem-solving, B&A represents a diverse portfolio of clients ranging from corporate, commercial, higher education, and healthcare, to hospitality, municipalities, sacred spaces and signature residences. With work spanning three centuries, the firm is responsible for building and restoring bold, history-making structures, as well as countless properties that subtly define and serve the Midwest.



BALLOCPHOTO.COM



*Ridgeland Common Recreation Complex, Oak Park, IL.
Bulley & Andrews collaborated with Nagle Hartray Architecture on a comprehensive redesign and rebuild.*

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ANDREWS**
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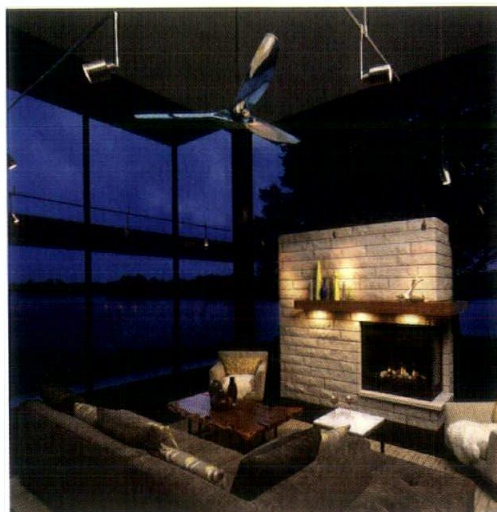
bulley.com

INTERIOR

Plaster JBead frame

Combined with Advanced Architectural Grilleworks' linear bar grille, the JBead frame provides a flush, borderless installation for plaster and drywall applications on walls and/or ceilings. It provides a seamless installation for designers, enabling the contour of any wall or ceiling, and is designed to quickly fasten to the wall via the outer flange. After fastening, the flange is covered with a skim coat of plaster.

aagrilles.com



Haiku 84 ceiling fan

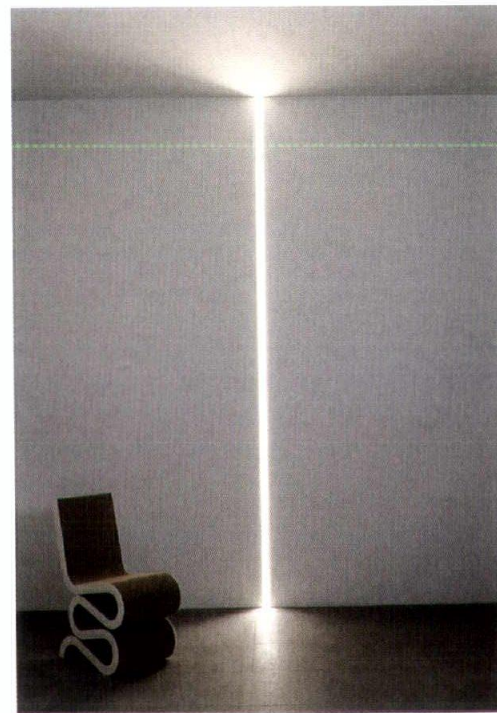
Each new Haiku 84 ceiling fan comes with a pair of white cotton gloves to help maintain the shine on the 84-in. product. Technicians polish the aluminum airfoils for four hours while wearing white gloves, creating a shiny, mirrored finish. Haiku 84 also features a stainless steel chassis, which reinforces a permanent magnet motor and contributes to having three times the airflow of a standard ceiling fan.

bigassfans.com

FLOS Moonline LED

Moonline, a new lighting design by Belgian architects Frank Sinnaeve and Stephan Gunst, allows users to easily put up extruded aluminum light strips along ceilings and walls, creating lines of light. Moonline's latest-generation LEDs are designed to be mounted using a metal profile with a magnetic fixture. Users have their choice of a white finish or a finish with primer, which makes it ready for special paint to be applied.

usa.flos.com



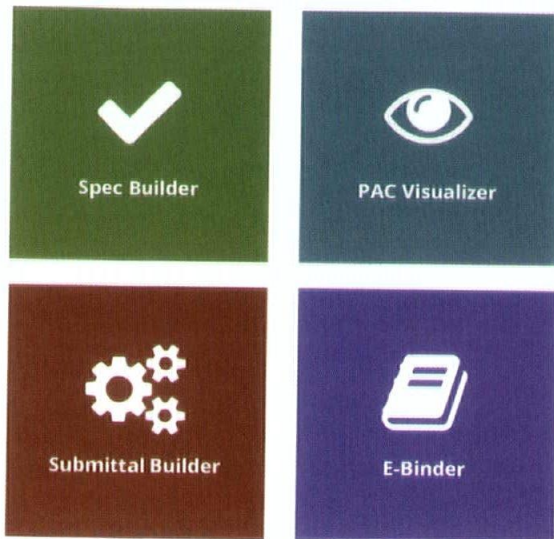
Corelite RZL LED

The Corelite RZL linear LED suspended luminaire offers up to 55 percent in energy savings over fluorescent luminaires. It features five light level options ranging from 30 watts to 84 watts. Designed for easy installation, the Corelite RZL can be suspended by aircraft cables, a rigid pendant or be surface-mounted. The RZL also has an emergency battery backup option in case of power failure.

cooperlighting.com



PAC E-TOOLS DASHBOARD



E-Tools make specifying easier

The suite of E-Tools from Petersen Aluminum is designed to simplify the process of specifying metal roof and wall panels. PAC E-Tools include Spec Builder, E-Binder, Submittal Builder and the PAC Visualizer. Spec Builder writes specs for architects based on product selection. E-Binder contains all product data and documentation you'll ever need. Submittal Builder creates customized digital packages of product documents a contractor might need. The PAC Visualizer allows photos of real buildings to be customized with all of PAC's products. E-Tools also include a color chart and videos on proper attachment of metal roof panels. The tools are free to use with completion of a quick registration process.

Visit pac-clad.com/e-tools to give them a try.



www.pac-clad.com/e-tools

McGrory Glass: Providing Architectural Glass Solutions for Over 30 Years

McGrory Glass, Inc. is a leading flat glass fabricator and consultant to the Architectural Glass industry. McGrory stocks a wide assortment of Italian etched, decorative, laminated, anti-reflective, and radiation shielding glass products. As one of the largest independent specialty glass fabricators, McGrory works directly with award winning Architectural and Design firms throughout North America.

McGrory has been family owned and operated since 1984. Our 108,000 square foot facility is 100% powered by solar energy, showing why McGrory continues to lead by example as the premier supplier and processor of specialty glass products in North America.



Birds-eye view of McGrory's 108,000 square foot solar powered facility, located in Paulsboro, New Jersey



McGRORY GLASS

McGrory.com

INTERIOR

Moz architectural column covers

There are more than 500 color, grain and pattern combinations available from Moz Designs' collection of architectural column covers. Columns come pre-formed and pre-engineered in Moz standard ETA (Easy to Assemble) column configurations. They can be stacked to reach any column height, and have horizontal or vertical reveals. The metal panels are fabricated from recycled aluminum and finished in a variety of options, including organic polymer, powder coating and Kynar-500 based coatings.

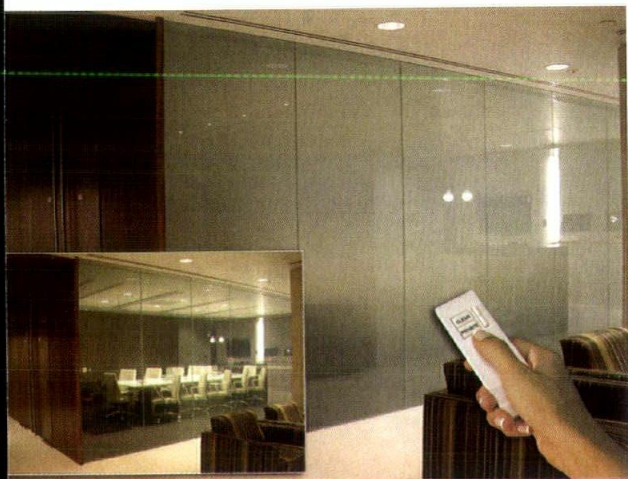
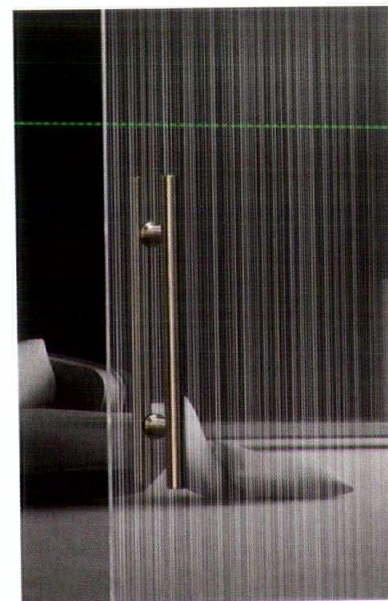
mozdesigns.com



Strip Mate glass

The new Strip Mate line of glass products from McGrory Glass is ideal for decorative glass accents, from doors and conference rooms to spas and railings. Different design and width options provide more choices for designers, along with a range of patterns, thicknesses and finishes. The Strip Mate line is part of the VitrealSpecchi Madras family of etched glass products, and is suitable for any environment from hospitality to commercial.

mcgrory.com



LC privacy glass

Privacy and transparency are both options with Innovative Glass' new LC privacy glass. Remote control allows users to power panels, making them clear, or to obscure the view through the glass. LC Privacy Glass can take the place of curtains, blinds and walls in addition to replacing current glass.

innovativeglasscorp.com

Ametis shower system

Meeting the need of increasingly spa-like bathrooms, Graff's Ametis shower system adds a luxury feel at home. The shower features chromotherapy, an LED light program that is believed to use the wavelength and frequency of different colors to correct energy imbalances. The shower's design includes brass and stainless steel, with chrome, architectural black and architectural white finishes available.

graфф-faucets.com



Wrigley Building Renovation Saves Energy

In 2011 the new owners of the iconic Wrigley Building in Chicago initiated an extensive retrofit project of the 1920s landmark. The goal was to return to the original architectural design intent while improving the performance and usability of the space — all to attract new tenants.

An analysis of the existing condition of the building found that 41% of the building energy use and 32% of the building energy cost come from the building envelope. Replacing the windows and air-sealing the building envelope would save \$276,000 per year in energy costs (27% savings) and pay back in 15 years or less.

By replacing the existing single-pane windows with new EFCO® high performance aluminum windows, the interior surface temperature of the glass became nearer to room temperature, thus improving occupant comfort. The analysis found potential to relax the thermostat set points by up to 5° F, delivering significant energy savings.

The second benefit of replacing the windows was reducing drafts from the windows by 51%.

To satisfy the aesthetic goals of the project, only energy-efficient windows and doors that could match the original design were considered. Choosing high-quality windows that were also attractive provided the new owners with an enhanced image of the building that retained the historical feel.



The Wrigley Building recently chose EFCO® high performance aluminum windows for an energy retrofit that focused on aesthetics, energy efficiency, improved occupant comfort and reduced air infiltration.



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www.PellaEfcoSolutions.com



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SUMAC is an international consulting, construction, and professional services firm dedicated to energy efficiency, sustainability, and project management. Over 20% of all LEED projects in South America are being managed by SUMAC, including over 70% of all LEED Projects in Peru and Ecuador. SUMAC maintains offices in Mexico, Chile, Argentina, Peru, Colombia, Ecuador and the United States.

Our team of architects, engineers, project managers and commissioning agents offer technical expertise for private, government, and public sector projects. SUMAC is certified with ISO 9001 for LEED Certification and Energy Efficiency, standardizing the procedures and expediting the certification processes. By working with SUMAC our clients have been able to save more than US\$3 Million in energy per year.

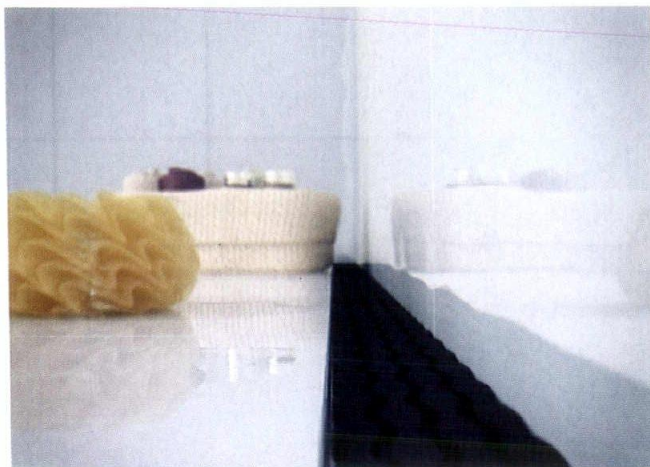
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INTERIOR



QuickDrain covers

QuickDrain USA has partnered with architect Michael Graves of Michael Graves Design Group to create a new collection of drain covers. The range of cover designs is made of #304 stainless steel, offered in standard and custom lengths, and available in brushed stainless steel and an oil-rubbed bronze finish. The Stream drain cover design was a finalist for the 2014 Architizer A+ Awards.

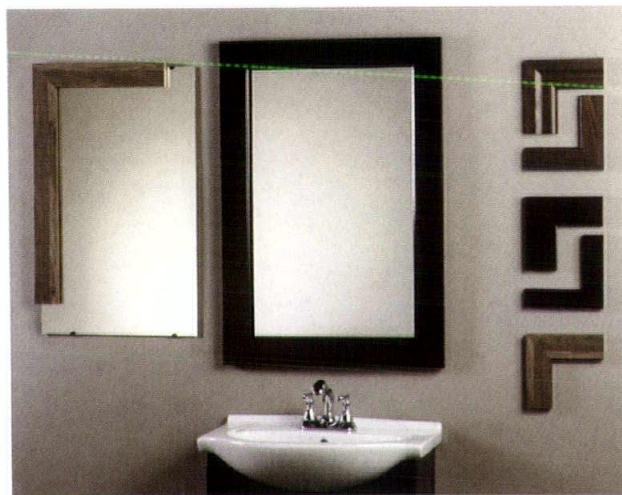
quickdrainusa.com



Sonar stone wool ceiling panels

Rockfon Sonar stone wool ceiling panels are now available in more sizes, styles and formats. The panels can achieve noise reduction coefficients (NRC) as high as 0.95. Sonar's articulation class rating is 190, a level that supports speech privacy. The panels feature a lightly textured white surface that has a high light reflectance.

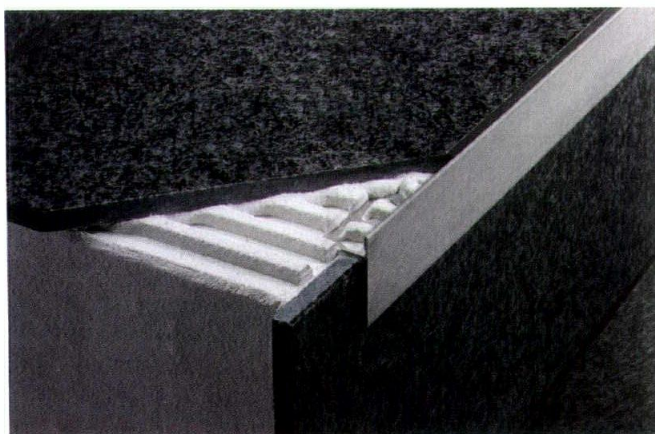
rockfon.com



Mirror frame moldings

Mirror frame moldings from WoodTrac are made from durable medium-density fiberboard (MDF) with a high-definition micro paper laminate. They come in 12-ft. pieces that can be cut and mitered to fit any size mirror and put up with double-sided tape. The moldings come in more than 30 finishes when ordered in bulk.

woodtrac.com



SCHIENE-STEP-EB stainless steel profile

Schluter SCHIENE-STEP-EB is a brushed stainless steel profile with three applications: stairs, tile over tile and countertops. On stairs, the profile is a slip-resistant surface. For tile-on-tile use, the profile protects the edges of old and new tiles. And by using the large-format tiles on countertops, there is less need for grout joints. The profile protects tile edges and provides an elegant finish for all three applications.

schluter.com

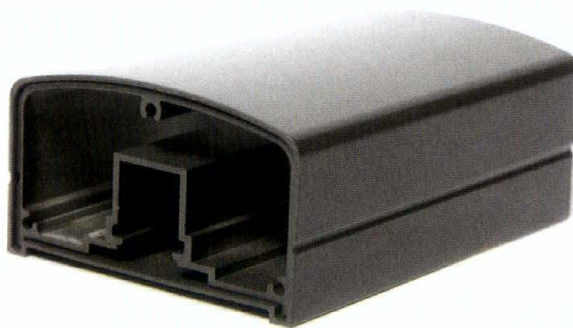
OUTDOOR LIVING



Strong Cell artisan bathtubs

Hardwood bathtubs with DeepSeal finish from Bath in Wood of Maine are now available for outdoor installation. With a new structural design called Strong Cell, the exterior tubs permit the wood to safely expand and contract with the changes in air humidity and temperature without threatening the watertight integrity of the tub. With the DeepSeal finish, the structures retain the color and figuring of the wood while resisting soaps, detergent and bath additives.

bath-in-wood.com



DesignRail aluminum railing colors

Feeney Inc. launched five new colors in the Express Yourself by Feeney line of DesignRail aluminum railing colors: Orange You Sassy, Not A Mellow Yellow, Red Hot Red, Blazing Blue and Margarita Green. Complementing traditional options such as black, bronze and white, the colors are available for the DesignRail system, a component-based aluminum railing system with optional LED lighting and a selection of mounting, top rail and infill options.

feeneyinc.com

Park Rail top rail

The Park Rail top rail profile is suitable for both picket and glass systems, with a look that's similar to wood but a construction of durable powder-coated aluminum. Available in nine standard colors, up to 180 custom colors and 22 wood grain finishes, the Park Rail top rail can help achieve a continuous top rail appearance while using up to a 3-in. square post.

durarail.com



Topside deck drainage system

All components of the DEK Drain Topside system are made from a specially designed rubber membrane that is lower cost, more flexible and longer lasting. Also resistant to UV rays, ozone, acid rain and other environmental hazards, the panels do not expand or contract and are pre-cut for installation on 12-in., 16-in. and 24-in. on-center framing. The unique cut of the panels allows the drainage trough to form automatically during installation.

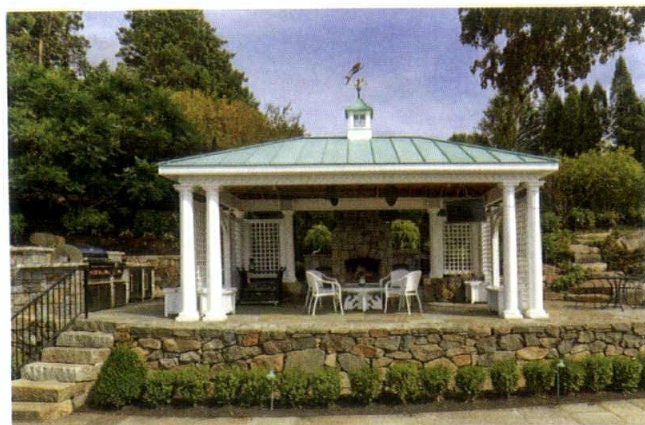
dekdrain.com

OUTDOOR LIVING

Legacy Collection deck planks

The Legacy Collection includes four decking options that will adapt to any décor, from rustic and relaxed to elegant and modern. Its latest color, Ashwood, mimics the look of hand-hewn lumber, while other hues include Mocha, Pecan and Tigerwood. The line of capped composite decking offers a hand-scraped interior-flooring look for outdoor living spaces and is available in 12 ft., 16 ft. and 20 ft. lengths.

timbertech.com



Walpole outdoor pavilions

Walpole Outdoors' new line of pavilions are constructed from the company's cellular PVC material and made to offer the look and feel of natural wood without the rotting or splitting. Available in 17 standard sizes and a variety of roof styles and paint colors, the pavilions can house fans, televisions and other electronics to create an outdoor oasis for users. Also optional are 10-in. diameter Tuscan fiberglass columns, square fiberglass columns and cellular PVS reinforced pillar posts.

walpolewoodworkers.com



LN-906 construction adhesive

The new Extreme Landscape Block, Stone and Timber Adhesive (LN-906) is a latex-based construction adhesive from the Liquid Nails brand by PPG Architectural Coatings. The product bonds stone, block and timber into one 'superstrong' structure. It earned the Greenguard Gold standard from UL, which will help projects targeting LEED certification. Extreme Landscape comes in a plastic tube, which can be stored outdoors, and is also ideal for repairs to loose stone, brick or block.

www.liquidnails.com

Berkley LED outdoor luminaire

The new Berkley LED luminaire from Modern Forms, established by WAC Lighting, features a look of forged iron over mouth-blown etched opal glass. It has a lumen output of up to 985 and an 80,000-hour rated life. Ideal for any residential or commercial settings, the low-profile luminaire is constructed of solid aluminum and can also be used for indoor applications.

modernforms.com



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SOFTWARE



AZEK iPad app

AZEK Building Products' 3-D iPad app has been updated with a new Deck & Rail design feature that allows a user to utilize augmented reality to envision their deck and rail creations. The free app uses a visualization marker to customize each design with a variety of products, colors and baluster infills. This is in addition to the app's original 3-D augmented reality visualization feature, which allows users to customize single-family homes by selecting colors for decks, porches, railings and pavers.

azek.com



PAC app

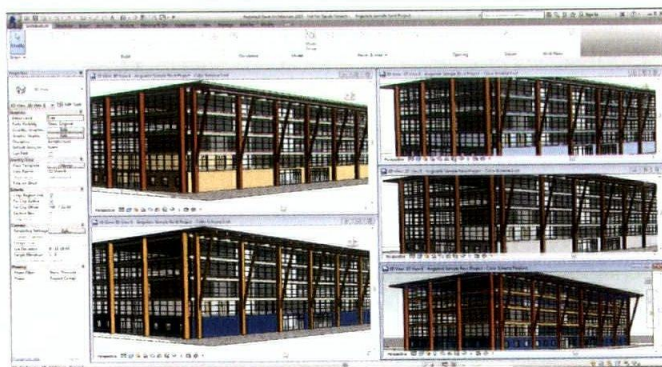
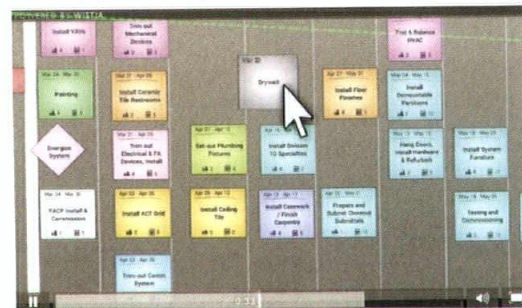
Available for both smartphones and tablets, the PAC app from Petersen Aluminum Corp. features the full PAC-CLAD product line of metal roofing, wall panels, perimeter roof edge systems, column covers and more. Products can be pulled up on mobile devices whenever they are needed; users can browse through technical data, illustrations, photos and color charts from anywhere at any time.

pac-clad.com

Touchplan collaboration

The Touchplan Web application from Moca Systems allows people to work on high-performance projects together by establishing a work plan using virtual sticky notes. Dates and times are easily editable and update automatically, and details can be added to the sticky notes. The program creates weekly progress reports and calculates progress updates to help team members collaborate more successfully.

touchplan.io



Valspar color palette for BIM

Building information modeling (BIM) tools that are color-accurate for Valspar's Fluoropon 70 percent PVDF resin-based coatings have been added to the Autodesk Revit software. This allows for building models in Revit with more consistent coloring using Valspar's Fluoropon material library. After selecting final colors, Revit users have the option to order physical color samples using code references listed next to the color name within the library.

valsparinspireme.com/bim

STRUCTURAL



ArtDiffusor trim

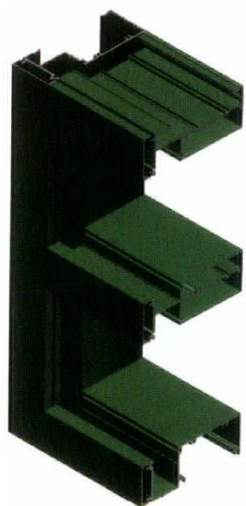
ArtDiffusor trim is a versatile building material offering opportunities for designers to modify the acoustics of any room. By design, it is a high-frequency quadratic diffuser, offering diffusion in similar ranges. Both the Type A and B profiles can be used individually or together to achieve the desired performance. The trim allows for customizable installations and comes in a variety of woods and finishes. Examples of different installations include a back wall diffusion, slatted ceiling absorber and installation over a stretchwall.

acousticsfirst.com

ToughRock Fireguard 45 gypsum board

This gypsum wallboard is a standard 0.5-in. interior wallboard enhanced with fire resistance properties for use in a 45-minute UL classified fire rating. It offers residential building professionals the opportunity to replace all standard and lightweight 0.5-in. walls without changing the wall assembly. The ToughRock gypsum board also lowers the transmission of sounds between rooms more effectively.

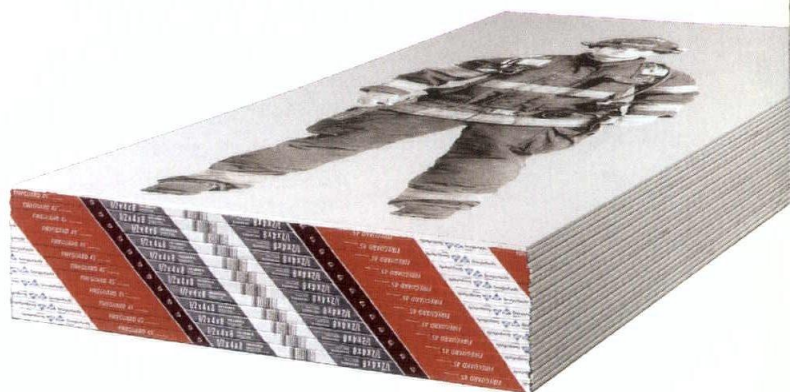
gp.com



EFCO 600R ribbon wall system

Ideal for low- to mid-rise projects in hospitality, office and multifamily, the 600R system can be used in both curtain wall and storefront applications. Its design flexibility provides the option to utilize the system in multiple areas in a building, and EFCO can glaze the product similar to a curtain wall system. Additional features available include inside glazed captured and SSG options, snap-together screw spline and shearblock fabrication methods, and vertical through and continuous head/sill construction methods.

efcocorp.com



Mega-Tandem MSRW system

The new Belgard Hardscapes Mega-Tandem mass segmental retaining wall (MSRW) is a wall block system whose size and mechanical structure allow for building walls up to 15 ft. high and gravity walls up to 10 ft. high without reinforcement. Patent-pending positive mechanical connectors allow for high gravity walls without a surcharge, so no excavation is needed. Meeting ASTM standards (C-1372 and C-1262), the system has an 8,500 psi compressive strength concrete and can offer in excess of up to 10,000 psi, making it suitable even in extreme cold environments.

belgard.com



STRUCTURAL



SunGuard SNX 51/23 low-E glass

The first commercial low-E glass with a visible light transmission above 50 percent and a solar heat gain coefficient below 0.25, the SunGuard SNX 51/23 is designed to meet the most stringent energy codes in North America without sacrificing appearance. Available on clear, green, UltraWhite, CrystalGray, gray and TwilightGreen substrates, the SunGuard glass is a standard insulated glass unit that is neutral blue in appearance and features low reflectivity.

sunguardglass.com



Concealed lintel systems

Hohmann & Barnard's custom engineered and fabricated concealed lintel systems allow architects to bring to fruition almost any design incorporating flat or arched brickwork. Designs can incorporate varied coursings, spans, offsets, soffit widths, and various sizes and colors of brick. All steel supports are unexposed, ensuring no future maintenance is required.

h-b.com



Wall-mounted deflection bead

The Trim-Tex wall-mounted deflection bead prevents inside corner ceiling cracks in multistory structures. A flexible co-extruded gasket compresses and expands for up to 7/16 in. of protection. The product features a tear-off strip that leaves a clean finished edge.

trim-tex.com



Schindler 5500 MRL traction elevator

The new Schindler 5500 machine room-less (MRL) traction elevator for mid-rise structures combines advanced features typically available in high-rise buildings with energy saving features. Options include Schindler's PORT Technology destination-dispatching system, which can combine personalized access with faster travel times by grouping passengers with similar destinations. An expansive selection of colors, materials, lighting, mirrors, handrails and fixtures allow designers to customize the elevator experience.

us.schindler.com

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Chicago says "architecture." That's why world-class architects and design professionals work in Chicago to create beautiful spaces here and around the world. With *Chicago Architect*, reach the community that makes architectural history.



Chicago photographer James Caulfield's Frank Lloyd Wright images on display at T

Forty of Chicago photographer James Caulfield's images of Frank Lloyd Wright are being exhibited through October 31 at the Tribune Tower. The exhibit is part of the 2013 issue of *Chicago Architect*. The exhibit is part of the 2013 issue of *Chicago Architect*. The exhibit is part of the 2013 issue of *Chicago Architect*.



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Use e-mail transmissions* to 4,700+ AIA Chicago members and affiliates to drive traffic to your website, promote your social media efforts and provide feedback about who took action on your message.

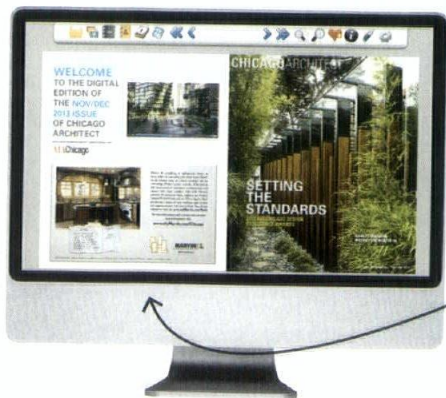
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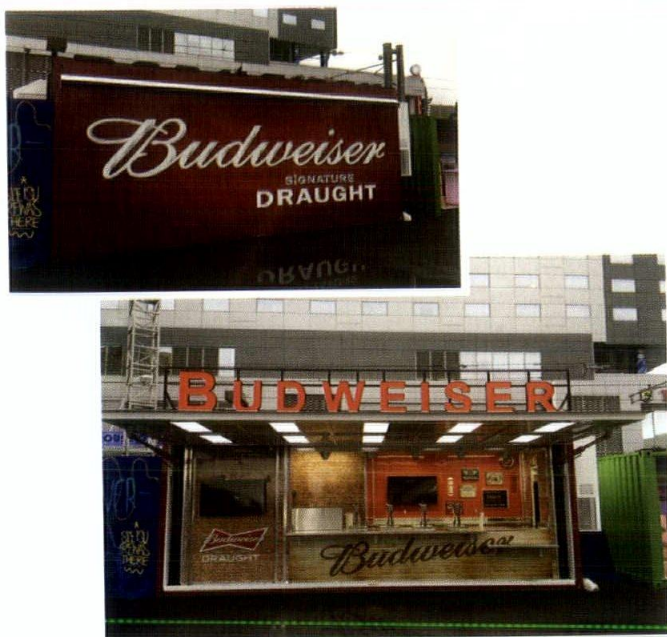
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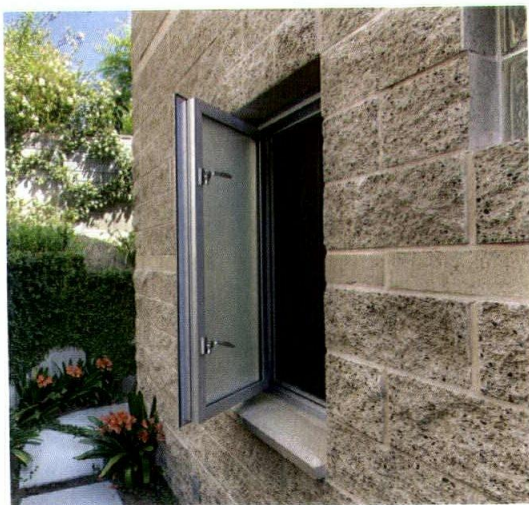
WINDOWS & DOORS



Schweiss hydraulic container doors

The new compact, mount-anywhere hydraulic unit from Schweiss Doors is available for numerous applications ranging from hangar doors to doors for agriculture, commercial and residential uses. The one-piece door, when placed on the side or ends of a modular container, gives users complete access to load or unload its contents within a fraction of the average time. When swung outward from a building or container, hydraulic one-piece doors can also form a canopy for end users.

bifold.com



Pella Architect Series

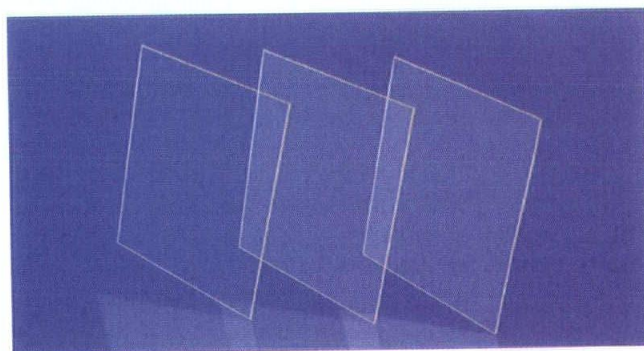
The Architect Series line of wood windows offer CW-rated performance, meaning the products can now be used in non-residential and multifamily building applications where larger sizes, higher wind loading requirements, limits on deflection, durability of hardware and resistance to water infiltration are required. The line includes fixed, casement, awning, double- and single-hung window units. Triple-pane glass options are now also available.

professional.pella.com

Vetrotech Saint-Gobain Keralite Select glass

Keralite Select is the latest addition to Vetrotech Saint-Gobain's Keralite product line of glass ceramics. The fire-rated product combines surface polishing technology with advanced composition to create a sharp, accurate color viewing glass ceramic. With a color rendering index of 97.1 out of 100, Keralite Select is recommended for larger glass sizes in impact-rated areas where superior clarity and sharpness is desired. It is manufactured in both 3/16 in. and 5/16 in. thicknesses.

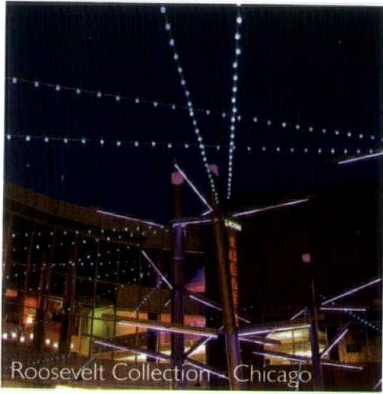
vetrotechusa.com



Series 670 push-out casement window

A push-out casement window is Western Window Systems' newest option for its Series 670 hinged window line, and can be directly mullered to other products such as hinged doors, sliding doors and fixed window walls. Designed with a 4.5-in. frame depth, the push-out casement features durable lock handles, quality interior hardware and an adjustable tensioning device to keep the sash in place when open. It is also designed with a sloped sill for improved water drainage, and a raked head option is available.

westernwindowssystems.com



Roosevelt Collection - Chicago



Hong Kong Jockey Club Sha Tin Grandstand - Hong Kong



Hillshire Brands - Chicago

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CHICAGO**

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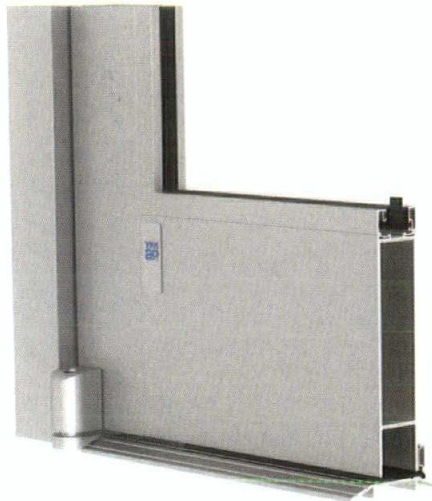
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WINDOWS & DOORS



Protek 35HL/50HL entrance doors

New 35HL/50HL impact-resistant entrance doors to the Protek product line are tested to meet large and small missile impacts up to 50 pounds per square foot. They feature YKK AP America's VersaJamb design, a reinforced tubular door frame that allows for side-lite glazing without shear clips while maintaining the structural integrity of transom frames. All doors are mechanically joined and welded, and the door corners are available with a lifetime warranty. ykkap.com

Mira Premium Impact Series bi-parting door

Ply Gem's new Mira Premium Impact Series bi-parting doors are equipped with impact-rated glass based on the same technology found in automotive safety glass. The doors come in sizes up to 12 ft. wide, providing up to 6 ft. of horizontal space when open. They are available in 46 exterior colors and a variety of standard and custom sizes.

plygemwindows.com



Series 200 BP gauge track

Johnson Hardware's Series 200 BP sliding door hardware gives smooth rolling ball bearing hangers support for panels up to 400 pounds without the need for a bottom door guide track. The track comes in lengths up to 144 inches wide, and all hardware needed for installation is included. It is ideal for both residential and commercial applications.

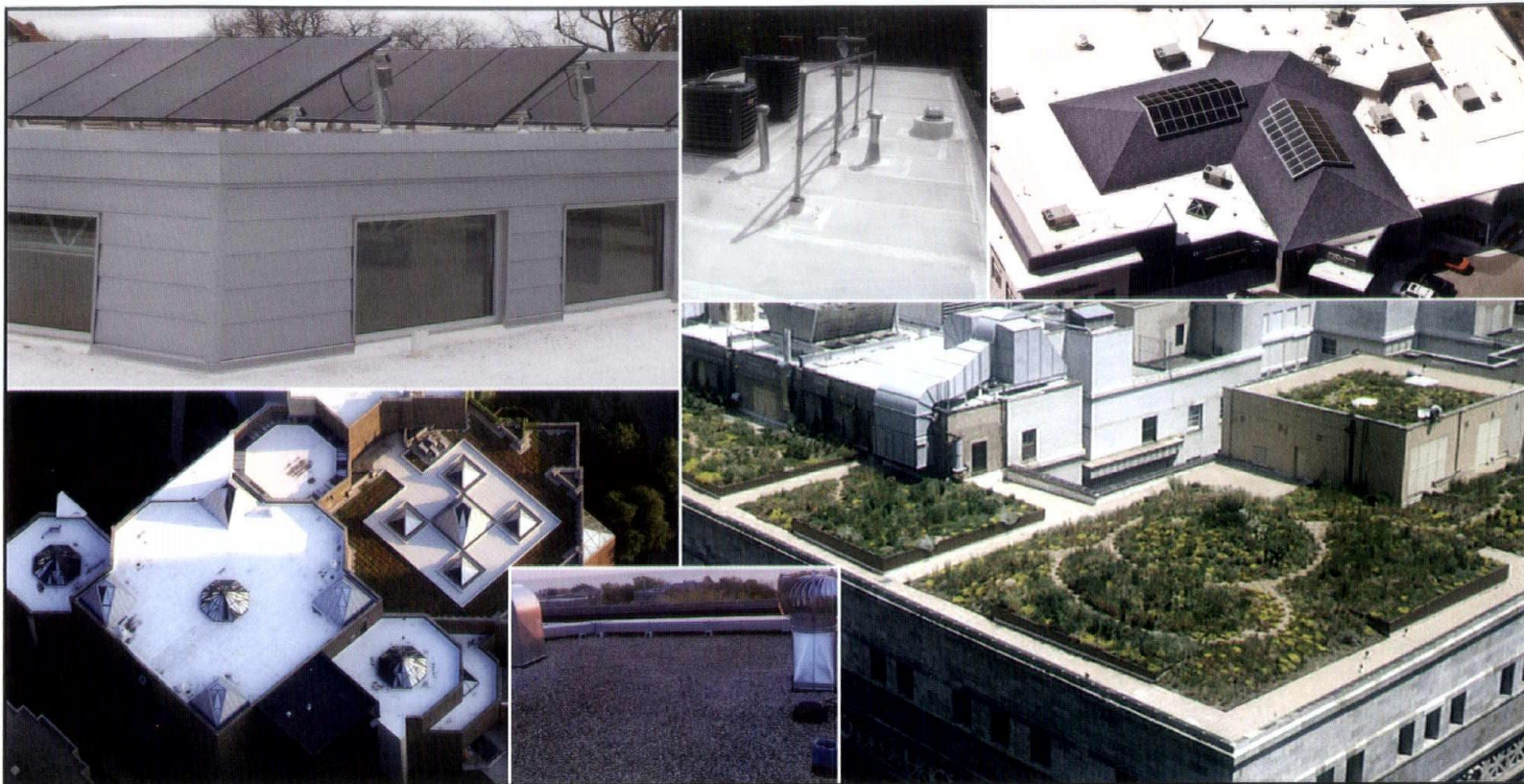
johnsonhardware.com



Custom Muntz bronze doors

At a bank's headquarters in Virginia, customized Muntz bronze doors complement the building's early 20th century aesthetic. Each door blends stile and rail construction with traditional early 1900s features, including bronze grillwork and circular discs applied to the perimeter of each door's face. The surrounding bronze framing also features a four-light arched transom with a single-light sidelight at each side of the doors.

ellisonbronze.com



Winter's Thaw Means Leaky Roofs

Did winter take its toll on a client's roof? Are you proposing a new roof for a client's building? Partner with a Chicagoland Roofing Council (CRC) Professional Roofing Contractor for the roof-selection and installation process.

Why CRC Contractors?

Chicagoland Roofing Council Contractors and their workforce partner for success, putting their training and education to work **EVERY DAY** to both repair the damage caused by Mother Nature's wrath and protect the building into the future.

CRC Contractors employ a Professionally-trained workforce from Roofers Union Local 11. They are your leading option for all new and existing roofs because they are:

- **Educated for 5 years** to stay on the cutting edge of service and roofing technology;
- Safety Educated and Audited through an **industry-leading Safety Program**.
- A regularly **Drug-Tested** workforce.

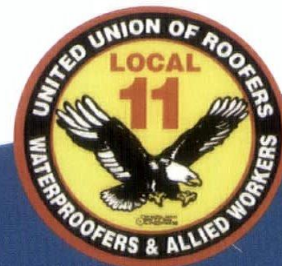
Through partnering closely with their clients, CRC Contractors make sure that **EVERY** roof they install provides optimum value while keeping buildings dry.

For the most **energy-efficient, competitively-priced, and longest-lasting** roof possible, choose Chicagoland Roofing Council Contractors – One Call, Single Source Responsibility.

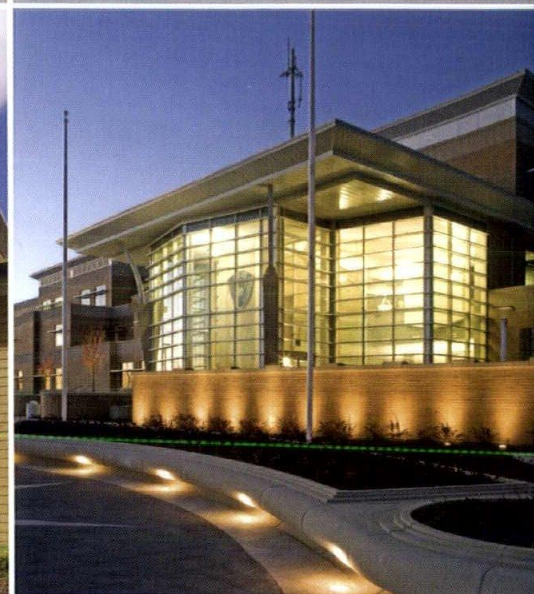
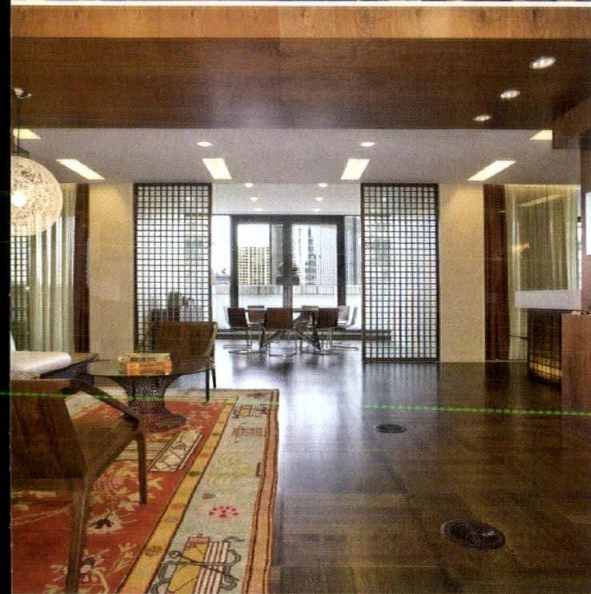
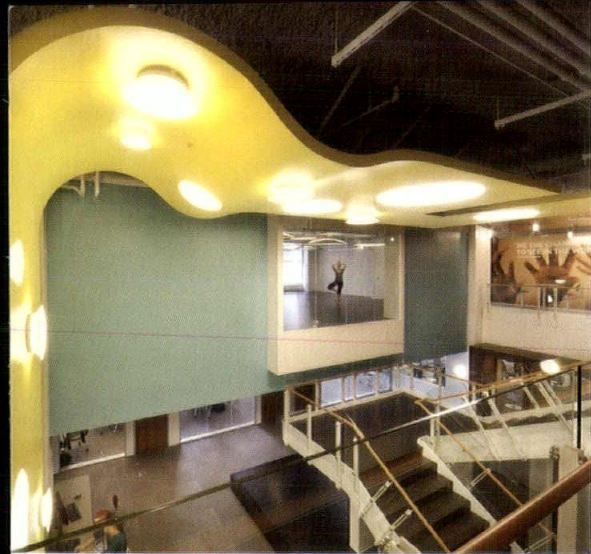
Call 708.449.5266 or visit www.chicagoroofing.org to find the leading Roofing Professionals in your area.



**Chicagoland
Roofing Council**



www.chicagoroofing.org



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People are drawn to Leopardo by our distinctiveness — both who we are and what we do.

People see joining our team as their dream job: a place to achieve their personal and professional goals. Industry partners prefer to work with us because we truly value collaboration and team work.

Clients seek us out as their trusted partner, saying we deliver fewer problems, greater value and better decision making. Leopardo. Passionately pursuing construction excellence.

